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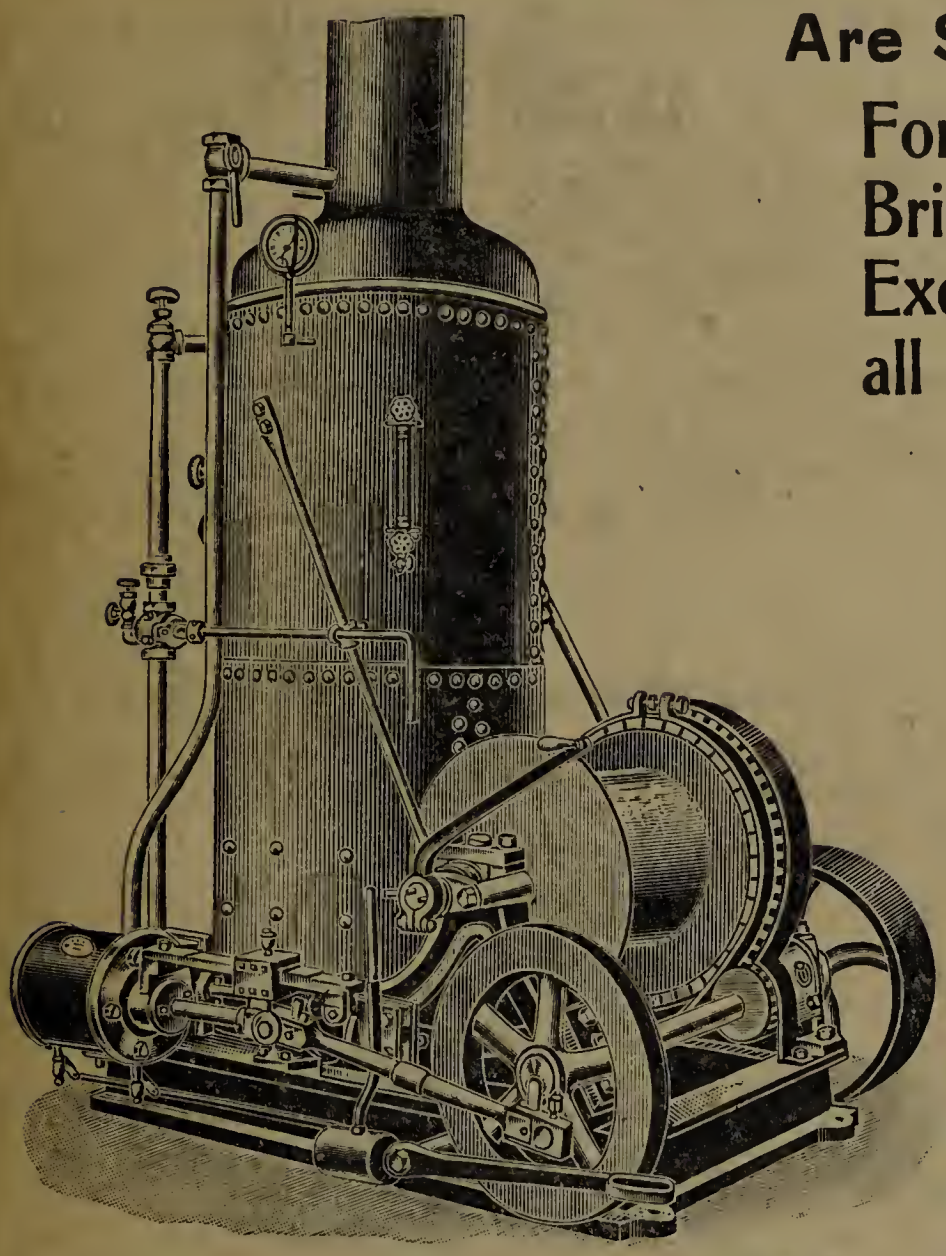
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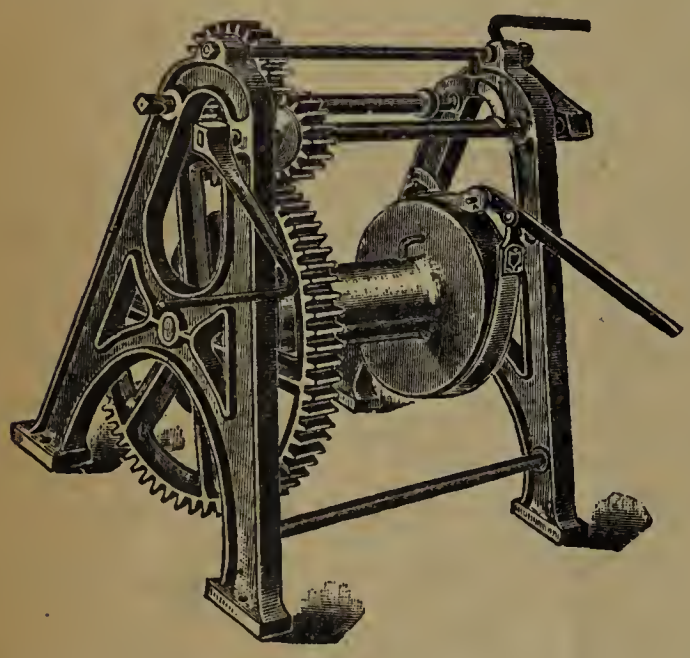
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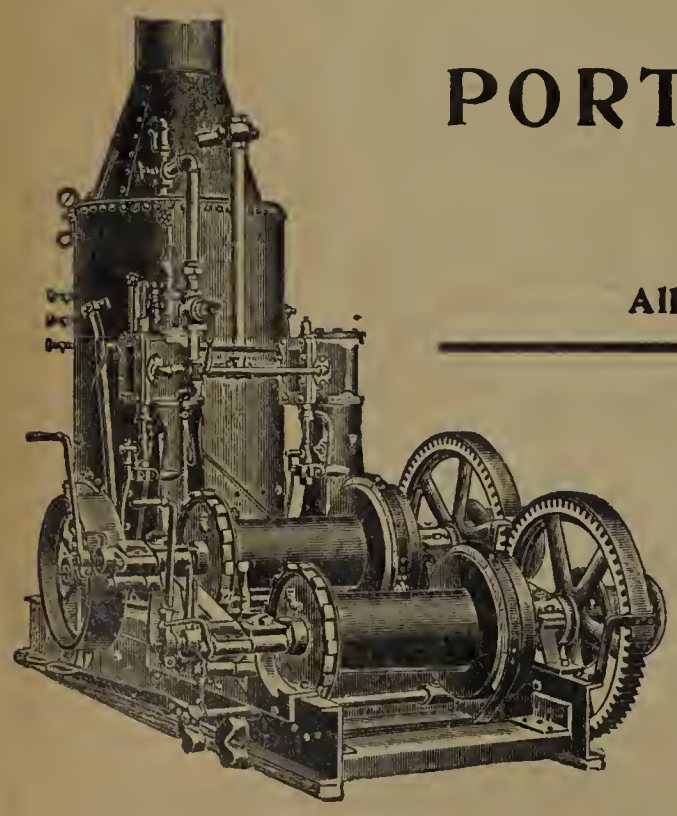
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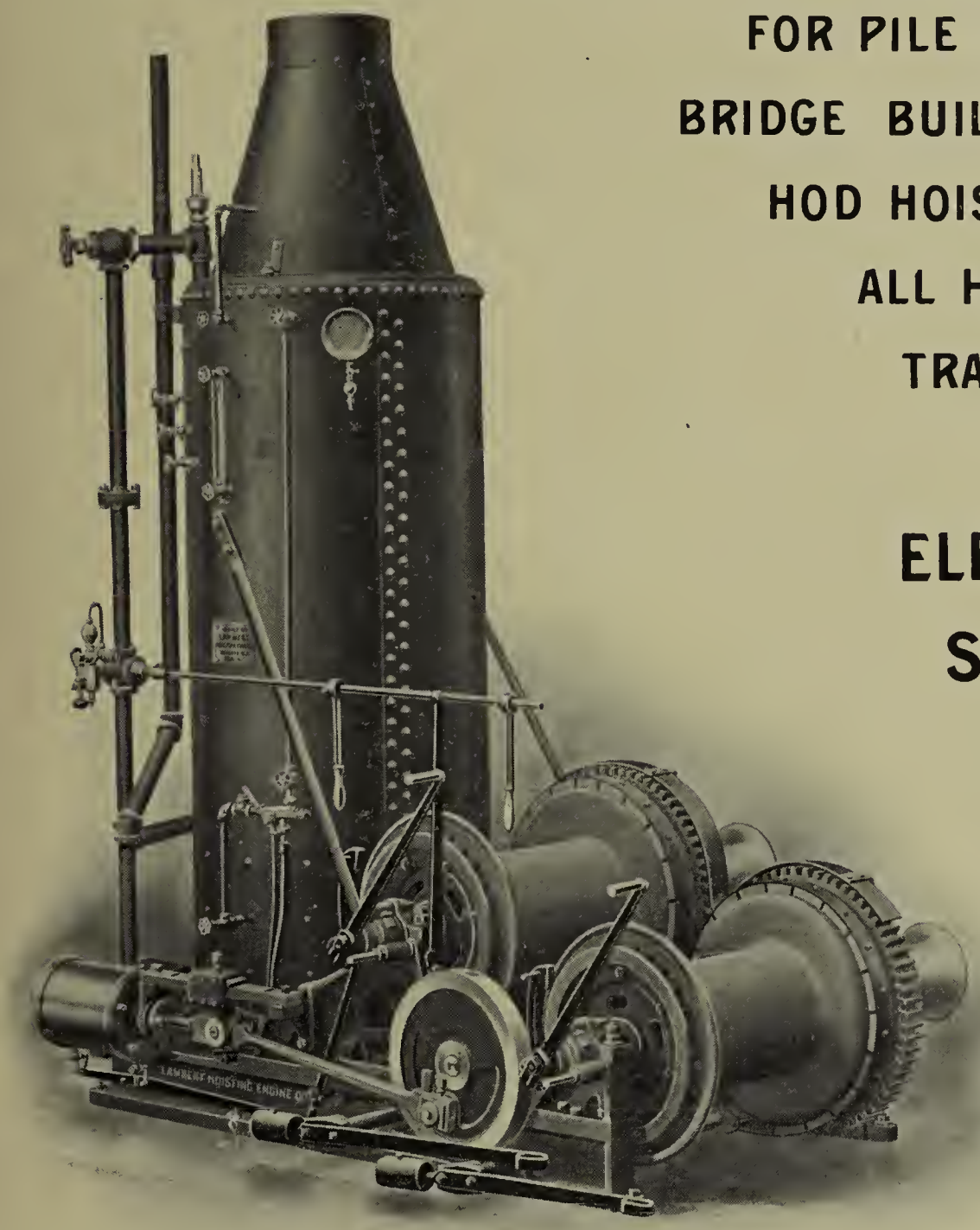
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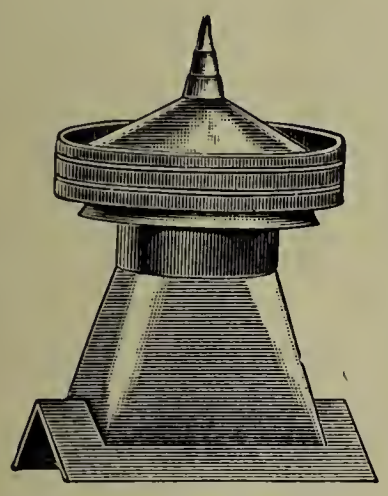
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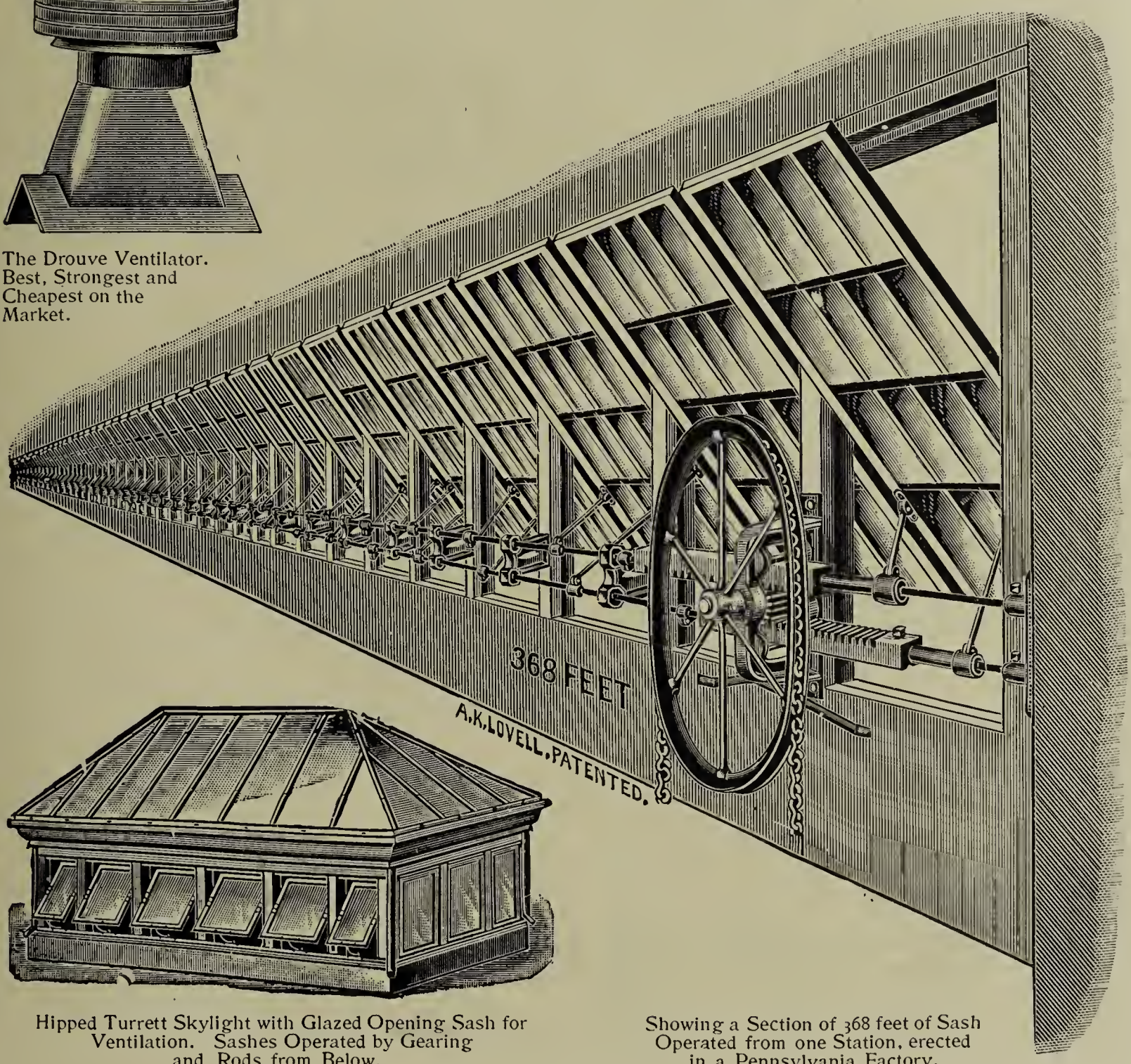
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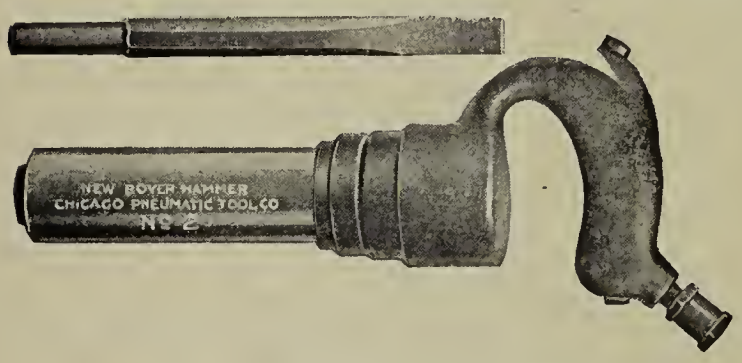
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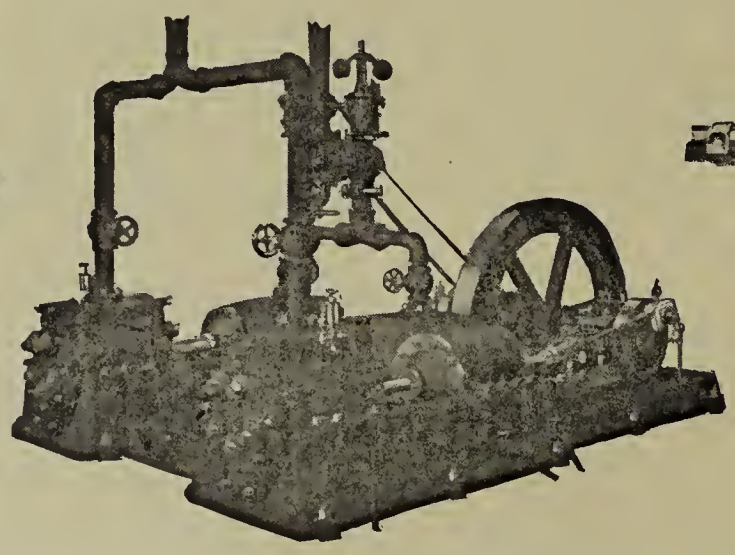
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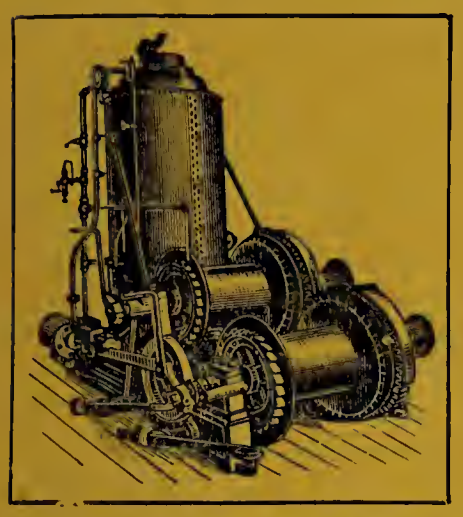


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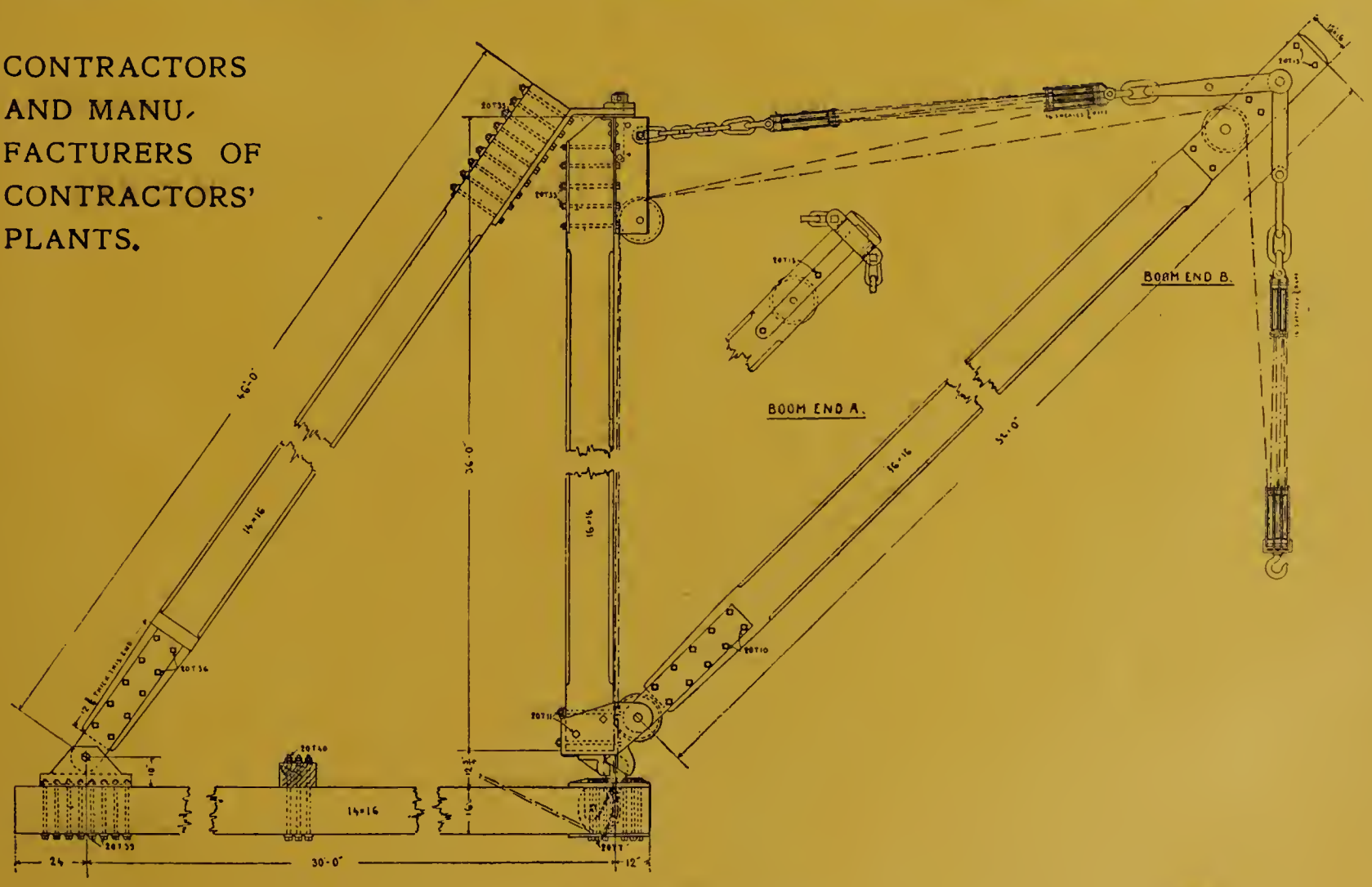
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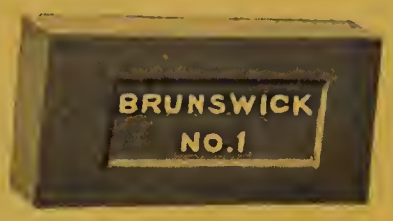
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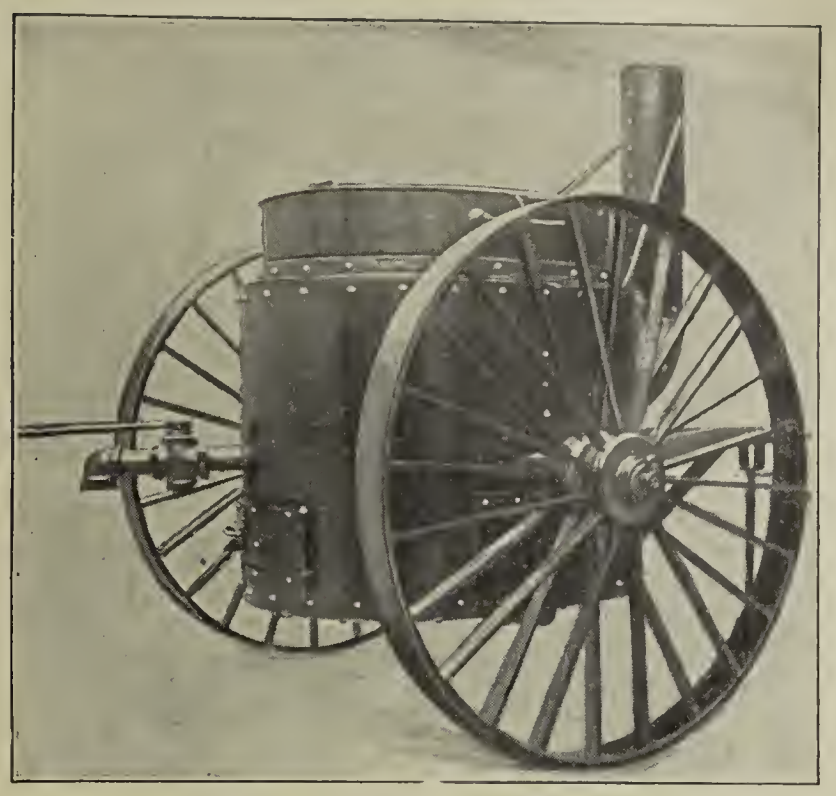
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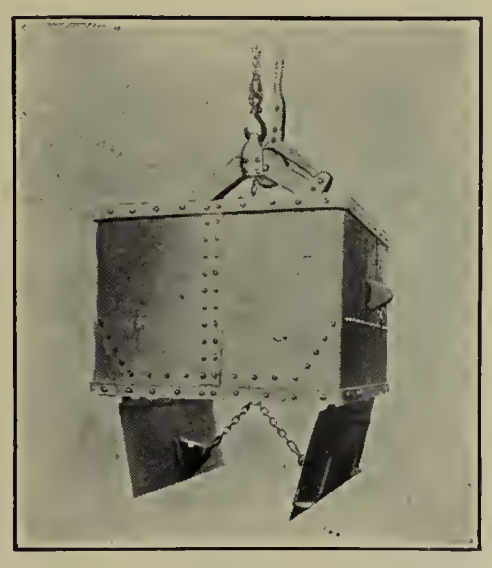
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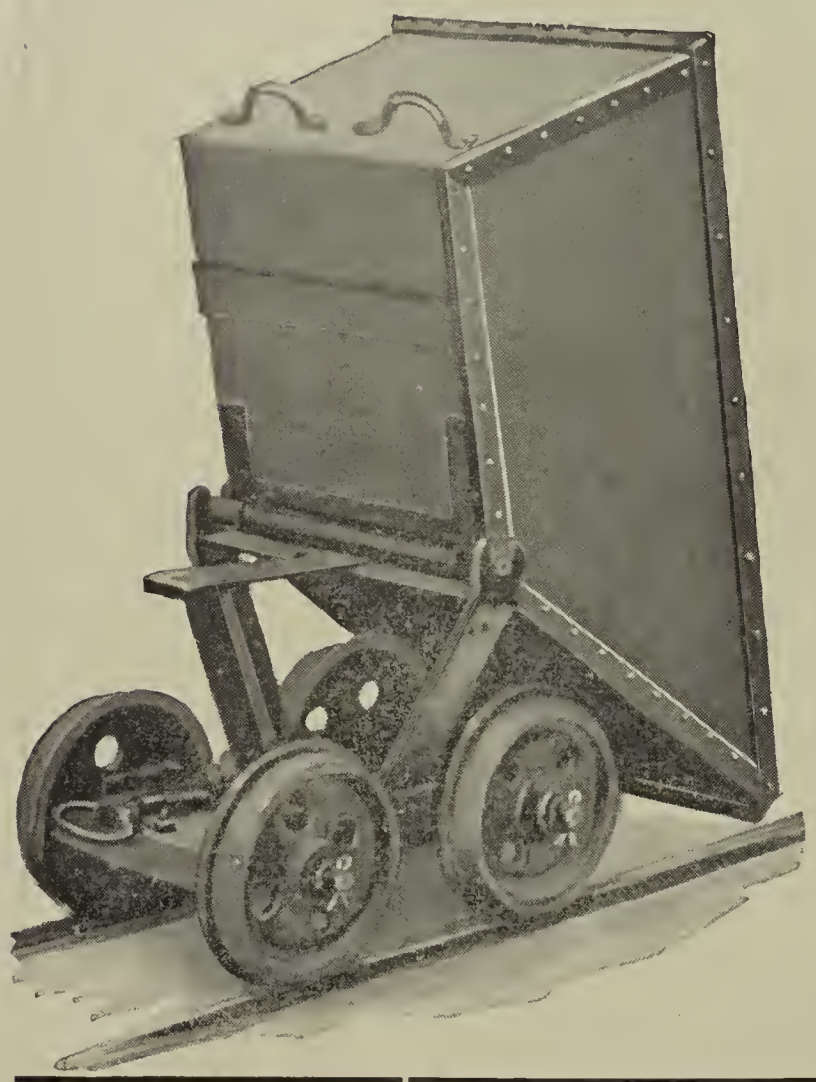






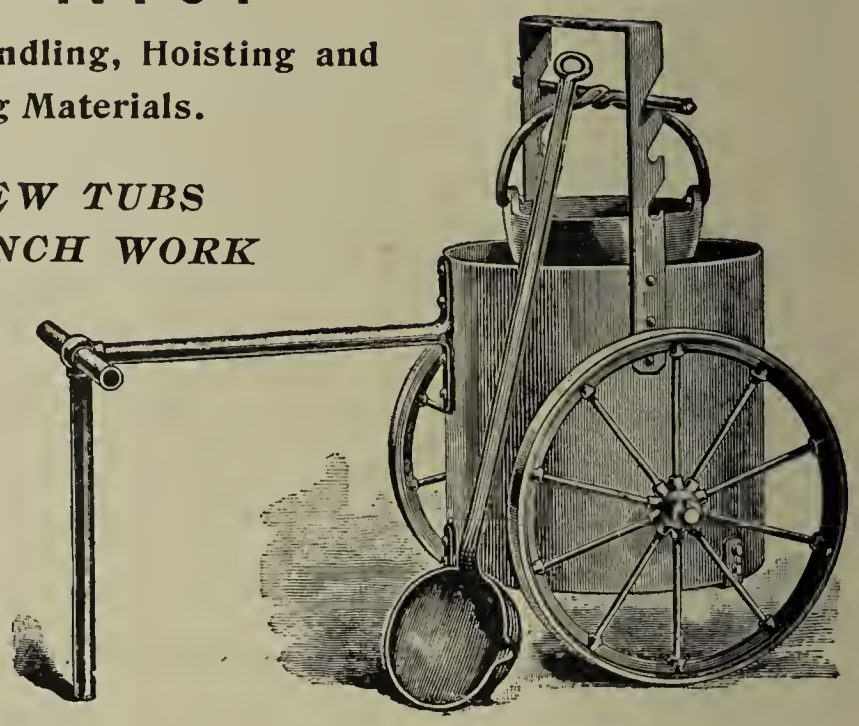
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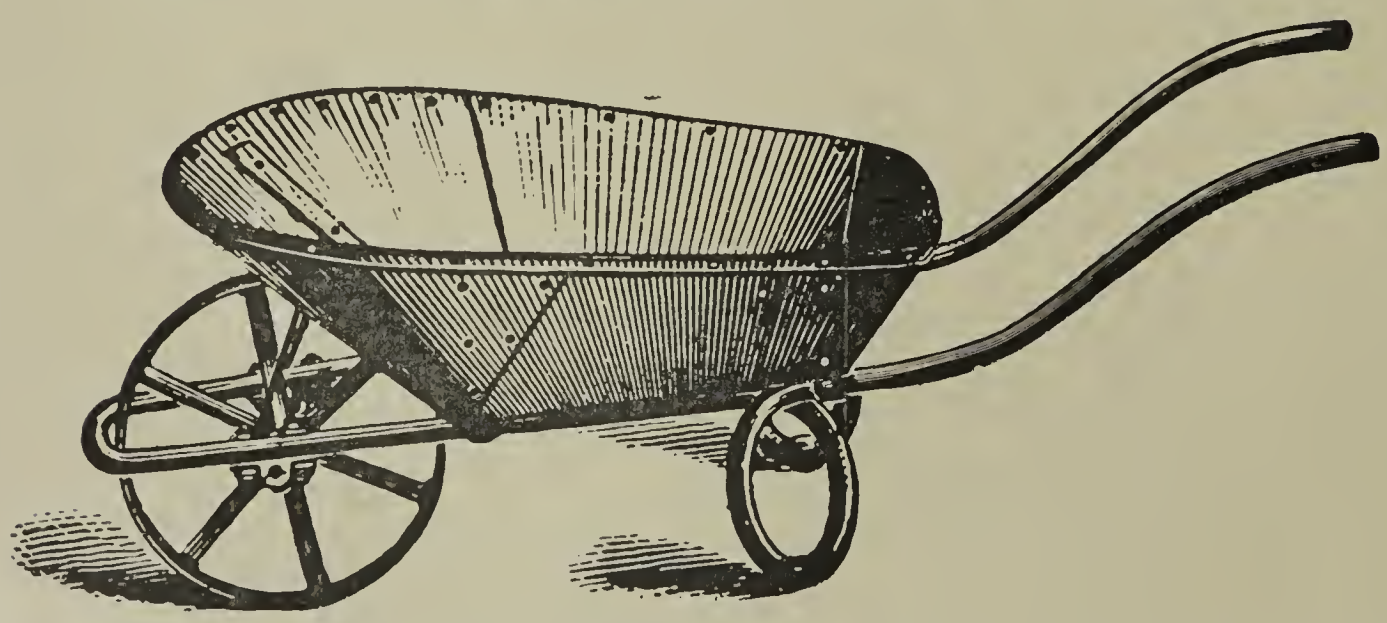
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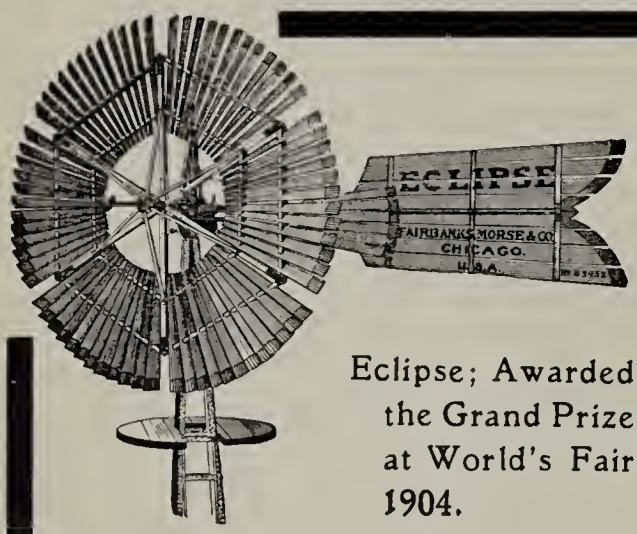
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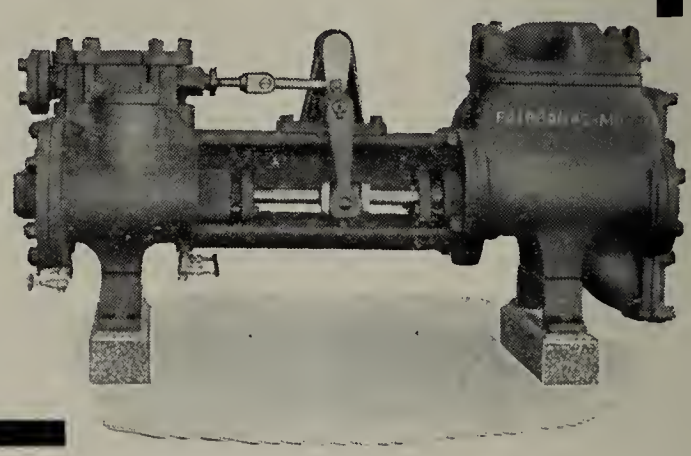
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Western Chemical Mfg. Co., Denver, Colo.

Acid (Tannic)

Baker & Adamson Chemical Co., Easton, Pa.
Billings Clapp Co., 64 Federal, Boston, Mass.
Mallinchrodt Chemical Works, St. Louis, Mo., & 90 William, N. Y.
Pfizer, Chas. & Co., 81 Maiden Lane, N. Y.
Powers & Weightman, 56 Maiden Lane, N. Y.
Rosengarten & Sons, 17th & Fitzwater, Philadelphia, Pa.

Acid Vessels

Bishop Gutta Percha Mfg. Co., 422 E 25th, N. Y.
Fields, Chas J. Sons ("The Grout," for Chemical Engines), 633 Market, Phila., Pa.
Goodyear Rubber Co., 787 B'way, N. Y.
Gutta Percha & Rubber Mfg. Co., 126 Duane, N. Y.

Acids (Wood)

Bayless & Berkolew, Binghamton, N. Y.
Beardsley Bros. & Rhodes, Canton, Pa.
Brandt & Schlager, Brandt, Pa.
Corbett, M. J. & Co., Binghamton, N. Y.
Corbett & Stuart, Binghamton, N. Y.
Finch-Ross Chemical Co., Binghamton, N. Y.
Lackawanna Chemical Co., Susquehanna, Pa.
South Branch Mfg. Co., Corbetsville, N. Y.
Wright, C. F. & Co., Susquehanna, Pa. (See card below)

Acorns (Brass)

Edwardsville Brass Co., Edwardsville, Ill.

Addressing & Mailing

American Addressing & Mailing Co., 56 Warren, New York
Boyd's City Despatch, 16 Beekman, N. Y.
Chicago Addressing Co., 351 Dearborn, Chicago, Ill.
Cincinnati Addressing Co., 411 Sycamore, Cincinnati, O.
Hall, E. J., 10 Cedar, New York
Howe Addressing Co., 208 S 4th, Phila., Pa.
Imitation Typewriting & Addressing Co., 108 Randolph, Chicago, Ill.
Multi-Mailing Co., 66 Reade, New York
RAPID ADDRESSING CO., 290 B'way, N. Y. (See adv. below)
Trade Circular Addressing Co., 125 Clark, Chicago, Ill.

Adjusters (Automatic Slack)

WESTINGHOUSE AIR BRAKE CO., The, Pittsburg, Pa.

Adjusters (Cord)

American Hard Rubber Co., 9 Mercer, N. Y.
American Vulcanized Fibre Co., Wilmington, Del., & Newark, Del.
Bogert & Hopper, 162 William, New York
Boston Electric Co., 29 Harrison av, Boston, Mass.
Delaware Hard Fibre Co., Wilmington, Del.
Dorian Novelty Co., Springfield, Mass.
Lever, C. H. Mfg. Co., 19 N Jefferson, Chicago, Ill.
McCreary Electric Co., 136 Liberty, N. Y.
Marshall-Sanders Co., 301 Congress, Boston, Mass.
Novelty Turning Co., Fitchburg, Mass.
Perkins Electric Switch Mfg. Co., Bridgeport, Conn.
Stewart, Frank H. & Co., 35 N 7th, Phila., Pa.
Vought-Berger Co., La Crosse, Wis.

Advertising Matter Prepared

Van Holsen, H. M. Co., "Printers, Lithographers, Embossers, High Class Form Letters, etc.," 114 Sherman, Chicago, Ill.
Waring, Vechten, "Advertising Writing, Printing, Illustrating & Booklets, Catalogues, etc.," 100 William, New York

Advertising Novelties

Aluminum Mfg. Co., "Aluminum," Two Rivers, Wis.
Beach, H. D. Co., Coshocton, O.
Bell Novelty Advertising Co., Bellefontaine, O.
Bronze & Papier Mache Co., 345 B'way, N. Y.
Coshocton Novelty Co., Coshocton, O.
Illustrated Postal Card & Novelty Co., 118 Chambers, N. Y.
Meek-Beach Co., Coshocton, O.
N. Y. Aluminum Co., 377 B'way, N. Y.
Novelty Advertising Co., Coshocton, O.

WARING, VECHTEN (Booklets, Catalogues, etc.), 100 William, N. Y. (See card below)



Advertising Campaigns Outlined, and Busy Men Helped in the Writing of Advertisements and the Arranging of Display Effects.

Assistance Given in the Compiling of Catalogues and Price Lists, and Copy Put in Good Shape for Economical Printing.

Thought Given to the Artistic and Forceful Arrangement of Types, and Very Real Effects Produced in the Illustrating of Goods for Catalogues—in Black or Colors.

Whitehead & Hoag Co., 253 B'way, N. Y.

Adze Mfrs.

American Axe & Tool Co. (Coopers, Ship, Railroad, etc.), Glassport, Pa., & 253 B'way, N. Y.
Black, H. B. & Co., Chester, Pa.
Bradley's, G. W. Sons, Westport, Conn.
Collins Co., Collinsville, Conn.
Evansville Tool Works (Carpenters', Railroad, Ship Carpenters', etc.), Evansville, Ind.
Findlay Axe & Tool Co., Findlay, O.
Mack & Co. ("D. R. Barton"), Railroad, Carpenters, etc.), Rochester, N. Y.
Peck Edge Tool Co., Cohoes, N. Y.
Standard Axe & Tool Co., 116 Broad, N. Y.
United States Edge Tool Co., Cattaraugus, N. Y.
White, L. & I. J. Co., Buffalo, N. Y.

Aeolipyle for Hot Air Furnaces

Aeolipyle Co., 237 Water, New York

Aerial Cableways

(See Wire Rope Tramways)

Agitators

Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
Triumph Ice Machine Co., 615 Baymiller, Cincinnati, O.

Agitators (Oil)

Hammond Iron Works, Warren, Pa.
PETROLEUM IRON WORKS CO., Washington, Pa., & Farmers' Bank bldg. Pa. (See adv. index, end of book)
Stuthers-Wells Co., Warren, Pa., 26 Cortlandt, New York, & Pittsburg, Pa.

Agricultural Implement Mfrs.

For Sub-Classification of this Trade

See Cultivators
Also Cutters, Feed, etc.
Also Diggers, Various Kinds.
Also Drills, Various Kinds.
Also Engines, Traction.
Also Harrows, Various Kinds.
Also Harvesters, Various Kinds.
Also Hullers, Various Kinds.
Also Mills, Various Kinds.
Also Mowers and Reapers.
Also Planters, Various Kinds.
Also Plows, Various Kinds.
Also Presses, Hay and Baling.
Also Pullers, Stump.
Also Pumps, Various Kinds.
Also Rakes, Various Kinds.
Also Rollers, Land and Field.
Also Saw Mills, Portable.
Also Seeders and Sowers.
Also Self Feeders and Band Cutters for Threshers.
Also Shellers, Corn.
Also Sickle & Mower Knife Grinders.
Also Slings, Hay.
Also Stackers, Various Kinds.
Also Tedders, Hay.
Also Threshers.
Also Tools, Haying.
Also Twine, Binder.
Also Weeders, Various Kinds.
Also Weighers, Loaders & Baggers, Grain.
Also Windmills.

For all other implements, machines and tools, etc., used for agricultural purposes, see Index of Contents.

ALABAMA.

TUSCUMBIA—Rowland, T. T. & Son (Cultivators)

CALIFORNIA.

BENICIA—Benicia Agricultural Works (Plows, Harrows, Cultivators, Rakes, Rickers, Loaders & Stackers, Seeders & Sowers, etc.)
Jackson, Byron Machine Works (Sweep Rakes, Stackers)
FRESNO—Porteous, Jas. (Plows, etc.)
MARYSVILLE—Empire Foundry & Harvester Works (Harvesters)
SAN FRANCISCO—Jackson, Byron, 411 Market
SAN LEANDRO—Best Mfg. Co. (Harvesters, Binders, Traction Engines, etc.)
STOCKTON—Holt Mfg. Co. (Harvesters, Binders, etc.)
Houser & Haines Mfg. Co. (Grain Drills, Combined Harvesters, etc.)
Stockton Mfg. Co. (Bean Threshing Machines)

COLORADO.

PUEBLO—Mead Hay Press Co. (Harrows, Cultivators)

LISTS FURNISHED and ENVELOPES, WRAPPERS or CARDS
ADDRESSED TO ALL CLASSES OF TRADES

Addressing and mailing is often allowed to remain a most tedious detail in connection with the working of a business. Say you have a list that has to be mailed once a month or oftener, it is more than likely causing you worry and needless expense to have the addressing and mailing done on time.

THE RAPID ADDRESSING MACHINE CO.,
290 BROADWAY, NEW YORK CITY

Have a plan to relieve you of all this work and save you money. A descriptive Catalogue of F. D. BELKNAP'S NEW ROTARY ADDRESSING MACHINE sent on application.

CONNECTICUT.

HIGGANUM—Cutaway Harrow Co. (Harrow)
Scoville. D. & H. (Planters, Hoes, etc.)
SOUTHPORT—Jelliff, C. O. & Co. (Harrows)

GEORGIA.

ATHENS—Umbach, F. G. (Harrows, etc.)
ATLANTA—Atlanta Plow Co. (Plows, Cultivators, Harrows, Cotton Planters, etc.), 1200 Marietta
COLUMBUS—Southern Plow Co. (Plow, Cultivators, Harrows, Cotton Planters, etc.)
DALTON—Sanders Mfg. Co. (Pea & Bean Hullers)
NEWMAN—Cole, R. D. Mfg. Co. (Corn Mills)
ROME—Towers & Sullivan Mfg. Co. (Plows, Harrows, Cultivators)

ILLINOIS.

ALTON—Hapgood Plow Co. (Corn Planting Drills, Plows, Listers, etc.)
AURORA—Phillips, T. L. (Feed Mills, etc.)
Western Wheeled Scraper Co. (Plows, Road Machinery, etc.)
BATAVIA—Appleton Mfg. Co. (Feed Mills, Stalk Cutters, Corn Shellers, Feed Cutters, Fanning Mills, etc.)
Batavia Windmill Co. (Feed Mills, Corn Shellers, Feed Cutters)
Challenge Windmill & Feed Mill Co. (Feed Mills, Corn Shellers, Feed Cutters)
U. S. Wind Engine & Pump Co. (Feed Mills, Corn Shellers)
BELLEVILLE—Gundlach, Philip M. (Grain Drills, etc.)
Sucker State Drill Co. (Grain Drills, Harrows, etc.)
BLOOMINGTON—White-Evans Co.
BRADLEY—Bradley, David Mfg. Co. (Plows, Harrows, Cultivators, Rakes, Planters)
CANTON—Parlin & Orendorff Co. (Plows, Harrows, Cultivators, Planters, Listers)
CARPENTERSVILLE—Star Mfg. Co. (Plows, Harrows, Feed Cutters)
CHICAGO—Bristol & Gale Co. (Plows, Corn Shellers), 110 W Wash'n
Eaton, W. T. (Grain Weighers & Loaders), 4 Sherman
International Harvester Co. (Mowers, Reapers, Binders, Rakes), 9 Monroe
Staver Carriage Co. (Feed Mills, etc.), W 76th c Wallace
Whitman & Barnes Mfg. Co. (Harrows, Cultivators, Planters, Corn Shellers. etc.), West Pullman
DECATUR—Chambers, Berlng, Quinlan Co. (Hay Loaders, Rakes, Planters, Check Rowers, etc.)
Haworth & Sons Mfg. Co. (Grain Drills, Planters, etc.)
Tait, F. B. Mfg. Co. (Rakes, Corn Planters, Corn Shellers, Harrows, etc.)
Union Iron Works (Power Corn Shellers)
Williams Mfg. Co. (Planters, Grain Weighers, etc.)
DE KALB—Haish Wire & Implement Co. (Harrows, Corn Shellers)
DIXON—Grand Detour Plow Co. (Plows, Harrows, Cultivators, Planters, Listers)
DWIGHT—Spencer, J. A. (Hay Presses)
EAST MOLINE—Fuller Mfg. Co. (Grain Drills, etc.)
FREEPORT—Stover Mfg. Co. (Feed Mills, Corn Shellers)
GALESBURG—Colton, G. D. & Co. (Feed Mills, Hay Presses)
GALVA—Hayes Pump & Planter Co. (Harrows, Cultivators, Planters, Listers)
Mulford Heater Co. (Corn Planters)
GRAFTON—Rippley Hardware Co. (Feed Mills & Cookers)
HARVARD—Hunt, Helm, Ferris Co. (Hay Carriers, etc.)
JOLIET—Humphrey & Sons
Joliet Mfg. Co. (Corn Shellers)
KEWANEE—Peters Pump Co. (Planters & Pumps)
MARSEILLES—Marseilles Mfg. Co. (Feed Mills. Hay Loaders, Corn Shellers. Fanning Mills. Feed Cutters)
MENDOTA—Tower, J. D. & Sons Co. (Cultivators, Pulverizers, Clod Crushers, etc.)
MOLINE—Deere & Co. (Plows, Harrows, Cultivators, Listers)
Deere & Mansur Co. (Planters, Cultivators, Hay Loaders, Rakes, fListers, Corn Shellers, Seeders)
Moline Plow Co. (Plows, Harrows, Cultivators, Planters, Listers)
Moline Pump Co. (Corn Planters & Windmills)
Sechler, D. M. Carriage Co. (Cultivators, Harrows, Corn Planters, etc.)
MONMOUTH—Monmouth Plow Co. (Plows)
Pattee Plow Co. (Cultivators, Plows, etc.)
OTTAWA—King & Hamilton Co. (Cultivators, Corn Shellers)
Porter, J. E. Co. (Planters, Rakes, Hay Carriers, Hay Presses, Stackers, Planters, etc.)
PEKIN—Pekin Plow Co. (Plows, Harrows, Cultivators, Listers, Rakes)
PEORIA—Acme Harvester Co. (Mowers, Harvesters, Rakes)
Avery Mfg. Co. (Cultivators, Threshers, Planters)
Buckley, R. C. (Plows, Cultivators, Harrows & Garden Tools)
Harms, Dan'l G. (Plows & Cultivators),
Hart Grain Weigher Co. (Grain Weighers, etc.)
Herschell, R. Mfg. Co. (Sickles, etc.)
Kingman & Co. (Harrows, Listers, Corn Shellers)
Kingman Plow Co. (Plows, Harrows, Cultivators, Planters, Listers)
Luthy & Co. (Plows, Planters, Corn Shellers)
Selby, Starr & Co. (Harrows, Grain Drills, Seeders & Sowers, etc.)
PERU—Peru Plow & Wheel Co. (Plows, Harrows, Cultivators, Planters, Listers)
PICKEYVILLE—Eaton Plow Works (V. A. Stookey, V. A. & Son, Prop.) (Plows, Harrows, etc.)
PLANO—Sears, Albert H. & Co. (Harrows, Cultivators, etc.)
QUINCY—Collins Plow Co. (Plows, Harrows, Cultivators, Corn Drills, Hay Presses, etc.)
Electric Wheel Co. (Feed Mills & Metal Wheels)
Ertel, Geo. Co. (Hay Presses, etc.)
Quincy Corn Planter Co. (Corn Planters)
ROCKFORD—Emerson Mfg. Co. (Mowers, Binders, Plows, Harvesters, Cultivators, Rakes, Planters, Listers)
Rockford Mfg. Co. (Plows, Harrows, Cultivators)
Rockford Well Drill Co. (Cultivators, Seeders)
ROCK ISLAND—Rock Island Plow Co. (Plows, Harrows, Cultivators, Hay Loaders, Planters, Listers, Seeders & Sowers)
ST. CHARLES—Goodhue Rotary Grinder Co. (Feed Mills)
SANDWICH—Sandwich Mfg. Co. (Feed Mills, Hay Loaders, Corn Shellers, Hay Presses)
SHELBYVILLE—Sturgis, W. B. & Son (Plows)
SPARTA—Sparta Plow Works (Plows, Harrows, Cultivators)
SPRINGFIELD—Heinecke & Co. (Combination Wind & Raddle Stackers)
STERLING—Harrison Mfg. Co. (Hand Corn Planters)
Ives, C. H. (Feed Mills)
Keystone Co. (Hay Loaders, Rakes, Planters, Corn Shellers, Seeders & Hay Presses)
Sterling Mfg. Co. (Harrows, Feed Mills, Hay Loaders, Rakes, Tedders, Planters, Seeders & Sowers)
SYCAMORE—Patten, Frank C. Co.
WATERLOO—Olendorph, Jacob (Plows, etc.)

INDIANA.

CAMBRIDGE CITY—National Drill Co. (Cultivators, Grain Drills, etc.)
COLUMBUS—Reeves & Co. (Threshers, Grain Weighers, Clover Hullers)
EAST CHICAGO—Famous Mfg. Co. (Sweep Rakes, Stackers, Hay Presses, etc.)
EVANSVILLE—Blount, Henry F. (Plows, etc.)
Hartig-Becker Plow Co. (Plows, Cultivators, etc.)
Heilman Machine Works (Threshers & Engines)
Vulcan Plow Co. (Plows, etc.)
FERDINAND—Kitten, F. Fdy. & Machine Wks. (Threshers)
FT. WAYNE—Indiana Road Machine Co. (Plows & Road Making Machinery)
GOSHEN—Goshen Mfg. Co. (Hay Slings)
INDIANAPOLIS—American Buncher Mfg. Co. (Clover Machines)
Indiana Mfg. Co. (Wind Stackers, etc.), State Life bldg
Nordyke & Marmon Co. (Feed, Corn & Cob Mills, Fanning Mills, Corn Shellers, etc.)
North Indianapolis Cradle Works, 29th c Elmira
Pneumatic Elevator & Weigher Co. (Grain Weighers, etc.), 165 E Morris
Russell Wind Stacker Co. (Wind Stackers), 1001 Shelby
Sattley Stacker Co. (Stackers, etc.)
Wagner Plow Co. (Plows), Churchman av & Belt Ry
Welsenborn Mfg. Co. (Feed Mills), Baldwin bldg
KENDALLVILLE—Flint & Walling Mfg. Co. (Feed Mills, Wind Mills, etc.)
LA PORTE—Michael, Chas. H. Mfg. Co. (Fanning Mills, etc.)
Rumley, M. Co. (Threshers, Stackers, Traction Engines, Hay Presses, Clover Hullers)
LIBERTY—Rude Bros. Mfg. Co. (Cultivators, Grain & Corn Drills, Rakes, etc.)
LOGANSPORT—King Drill Co. (Grain Drills)
MT. VERNON—Keck-Gonnermann Co. (Threshers, etc.)
PERU—Spring Grain Drill Mfg. Co. (Grain Drills, etc.)
RICHMOND—American Seeding Machine Co. (See Springfield, O.)
Eureka Fence Mfg. Co. (Hand Corn Planters)
Gaar, Scott & Co. (Threshers, Stackers, Grain Weighers, Clover Hullers, Traction Engines)
Richmond City Mill Works (Feed Mills)
Robinson & Co. (Threshers, Stackers, Grain Weighers)
Wayne Works (Grain Drills, Planters, Seeders & Sowers)
RISING SUN—Clore's, Wm. Sons (Plows, Cultivators)
SOUTH BEND—Anderson Chilled Plow Co.
Birdsell Mfg. Co. (Straw Stackers, Clover Hullers, etc.)
Bissell Chilled Plow Works (Plows, etc.)
Bowsher, N. P. Co. (Feed Mills, Barley Crushers)
Oliver Chilled Plow Works (Plows)
South Bend Chilled Plow Co. (Plows, Harrows, Cultivators)
URBANA—Cyclone Seeder Co. ("Cyclone," "Chicago" & "Champion, Jr.," Seed Sowers)
VERNON—Reed & Rogers Mfg. Co. (Harrows & Rakes)
VINCENNES—Hartman Mfg. Co. (Cultivators, etc.)

IOWA.

CHARLES CITY—Daley, M. H. (Disc Harrows)
CRESCO—Caward, R. S. (Plows & Grubbing Machinery)
DAVENPORTR—International Harvester Co. of America
DES MOINES—Spieth, Gottlieb F. (Plows)
Wood Bros. Steel Self Feeder Co. (Cultivators, etc.)
DUBUQUE—Cooper, A. A. Wagon & Buggy Co. (Plows, Cultivators, Feed Mills, Planters)
FAIRFIELD—Louden Machinery Co. (Hay Forks & Carriers, etc.)
FT. MADISON—Iowa Farming Tool Co. (Haying Tools)
Morrison Mfg. Co. (Plows, Harrows, Cultivators, Planters)
IOWA CITY—Kelly, O. S. Western Mfg. Co. (Threshers, Feed Mills, etc.)
LONE TREE—Monarch Grubber Co. (Feed Mills, etc.)
OTTUMWA—Dain Mfg. Co. (Feed Mills. Hay Loaders, Haying Tools, Rakes, Hay Presses)
Janney Mfg. Co. (Feed Mills & Corn Planters)
PRAIRIE CITY—Dowden Mfg. Co. (Ltd.) (Harrows & Potato Harvesters, etc.)
SHENANDOAH—Swanson, T. Mfg. Co. (Cultivators, Haying Tools, etc.)
SIOUX CITY—Sioux City Plow Co. (Plows, Cultivators, etc.)
SPENCER—Maurer, Frank & Co. (Hay Presses)
WATERLOO—Kelly & Tanneyhill Co. (Feed Mills & Well Drilling Machinery)
Waterloo Threshing Machine Co. (Threshers, etc.)
WAUKON—Johnson, John S. (Plows, etc.)
WEBSTER CITY—Closz & Howard Mfg. Co. (Grain Separators, etc.)

KANSAS.

COFFEYVILLE—Coffeyville Implement & Mfg. Co. (Plows, etc.)
KANSAS CITY—Strait, H. N. Mfg. Co. (Hay Presses, Scales, etc.)
MANHATTAN—Blue Valley Mfg. Co. (Feed Mills)

KENTUCKY.

LOUISVILLE—American Seeding Machine Co. (See Springfield, O.)
Avery, B. F. & Sons (Inc.) (Plows, Harrows, Cultivators ,Rakes, Planters, etc.)
Brinly-Hardy Co. (Inc.) (Plows)
MAYSVILLE—Hall, Jas. H. Plow Co. (Plows, Cultivators)

MAINE.

BRUNSWICK—Goddard, Silas & Son (Plows)
NORTH BERWICK—Hussey Plow Co. (Plows)
Varney, J. B. Plow Co. (Plows)
SOUTH PARIS—Merrill, Freeman C. (Plows, Harrows)

MASSACHUSETTS.

BOSTON—Ames Plow Co. (Plows, Harrows, Cultivators, Rakes, Tedders, Planters, Fanning Mills, Feed Cutters), Quincy Hall
CHICOPEE FALLS—Belcher & Taylor Agricultural Tool Co. (Plows, Harrows, Fanning Mills, Cultivators, Planters, Tedders, Feed Cutters, Potato Diggers, etc.)
MILFORD—Mann, F. W. Co. (Corn Shellers)
WORCESTER—Richardson Mfg. Co. (Mowers, Rakes, Tedders)

MICHIGAN.

ALBION—Cook Mfg. Co. (Feed Mills)
Gale Mfg. Co. (Plows, Harrows, Cultivators, Rakes, Planters, Listers, Seeders & Sowers)
ALMONT—Lee, Robt. E. (Plows, Feed Cutters)
ANN ARBOR—Ann Arbor Machine Co. (Feed Cutters, Tedders, Hay Presses, etc.)
BATTLE CREEK—Advance Thresher Co. (Threshers, Stackers, Grain Weighers)
Nichols & Shepard Co. (Threshers, Stackers, Grain Weighers)
BAY CITY—Bay City Plow Works (Plows)
BLAINE—Fair & Sons (Plows)
BUCHANON—Black, Geo. H.
BURR OAK—Sheffield Mfg. Co. (Corn Planters)
CASS CITY—Cass City Foundry & Machine Co. (Plows)
CASSOPOLIS—Cassopolis Mfg. Co. (Grain Drills)
DETROIT—American Harrow Co. (Plows, Cultivators, Planters), 1482 Hastings
Campbell-Manson Co. (Fanning Mills), 103 Wesson av.; also Chatnam, Ontario
Detroit Hoe Co., 132 Larned, E.
Durling, A. N. (Fanning Mills), 160 Abbott
DOWAGIAC—Dowagiac Mfg. Co. (Grain Drills, Seeders & Sowers)
GRAND LEDGE—Streeter, Hiram R. Corn Shellers, etc.)
GREENVILLE—Greenville Implement Co. (Plows, Cultivators, Feed Cutters)
Greenville Planter Co. (Potato, Corn & Bean Planters, etc.)
ITHACA—Wells, H. B. & Son (Plows)
JACKSON—Aspinwall Mfg. Co. (Potato Planters & Diggers, etc.)
KALAMAZOO—Hicks, O. & W. D. & Co. (Fanning Mills, etc.)
Johnson & Linihan (Fanning Mills, etc.)
Reed Mfg. Co. (Cultivators & Seeders, etc.)
Smith & Pomeroy Windmill Co. (Feed Mills & Windmills)
LANSING—Bement's, E. Sons (Plows, Harrows, Cultivators, Planters)
LAPEER—Bostick, A. & Son (Plows)
LYONS—Beach Mfg. Co. (Plows, Rollers, Sleighs, etc.)
MARLETTE—Hood & Blake (Plows)
MONROE — Wilder - Strong Implement Co. (Plows, Harvesters, Feed Cutters)
MT. CLEMENS—Donaldson Bros. (Plows, Harrows, Cultivators, Planters, Feed Cutters)
PONTIAC—Bacon Mfg. Co. (Seeder, Bean Pickers & Garden Cultivators)
Howland Mfg. Co. (Plows, Harrows, Cultivators, Feed Cutters)
PORT HURON—Port Huron Engine & Thresher Co. (Plows, Threshers, Stackers, Feed Mills, Corn Shellers, Weighers)
SAGINAW—Ferrell, A. T. & Co. (Fanning Mills etc.)
TRAVERSE CITY—Potato Implement Co. Acme Corn & Potato Planters)
YPSILANTI—Thompson, Oliver E. & Sons

MINNESOTA.

ALBERT LEA—Hauge, G. A. (Plows & Wagons)
AUSTIN—Johnson & Smith Co. (Plows, Harrows, etc.)
CROOKSTON—Maple Bay Wind Stacker Co. (Straw Stackers)
FERGUS FALLS—Grollimund, M. (Fanning Mills)
MINNEAPOLIS—Beeman-Aigner Co. (Fanning Mills)
Cleland, A. V. (Fanning Mills)
Fosston Wind Stacker Co. (Wind Stackers, etc.), Minneapolis, Minn.
Howell, R. R. & Co. (Harrows, Cultivators, Grain Drills & Feed Mills)
Kinnard-Haines Co. (Hay Presses, etc.)
Minneapolis Plow Works (Plows)
Minneapolis Threshing Machine Co. (Threshers, Stackers, Corn Shellers, Baggers, etc.)
Monitor Drill Co. (Grain Drills, Cultivators, Seeders & Sowers)
Owens, J. L. Co. (Fanning Mills, Grain Cleaning Machinery)
OWATONNA—Owatonna Mfg. Co. (Grain Drills, Seeders & Sowers, Churns, etc.)
Sperry Mfg. Co. (Fanning Mills)
SAUK CENTER—Keller Mfg. Co. (Harrows, Cultivators, Threshers, Fanning Mills, Sleds, etc.)
STILLWATER—Northwest Thresher Co. (Threshers, Stackers, Weighers, Engines, etc.)
WINONA—New Winona Mfg. Co. (Feed Mills, Corn Shellers, Hay Presses, etc.)

MISSISSIPPI

JACKSON—McDonnell, Jno. & Son (Plows, etc.)
MERIDIAN—Hyde, Chas. J. (Hay Presses, etc.)

MISSOURI.

BROWNING—Jenkins Hay Rake & Stacker Co. (Feed Mills, Haying Tools, etc.)
HUNTSVILLE—Fleming & Sons Mfg. Co. (Haying Tools, Rakes, Stackers, etc.)
KANSAS CITY—Eagle Mfg. Co. (Plows, Harrows, Cultivators, Listers)
Eclipse Hay Press Co. (Hay Presses)
Kansas City Hay Press Co. (Feed Mills, Hay Presses, Haying Tools, etc.)
Scott Hay Press Co. (Hay Presses)
Smith & Sons Mfg. Co. (Plows, Rakes, Hay Presses)
Western Mfg. Co. (Cultivators, Grain Drills)
LINNEUS—Superior Hay Stacker Mfg. Co. (Hay Stackers)
NEOSHO—Neosho Chilled Plow Works (Plows)
OLNEY—Stroker, Fitz C. (Plows)
ST. JOSEPH—Cartmell Machine Co.
ST. LOUIS—Kingsland Mfg. Co. (Threshers, Corn Shellers, etc.)
Whitman Agricultural Co. (Harrows, Grain Drills, Feed Mills, Corn Shellers, Seeders & Sowers, Feed Cutters, Hay Presses)
SAVANNAH—Savannah Implement Co. (Harrows)
SEDALIA—Barley, Thos. K. (Harrows, Haying Tools, etc.)
SWEET SPRINGS—Fischer, Conrad (Harrows)
TARIKO—Midland Mfg. Co. (Plows, etc.)
WASHINGTON—Buhr, H. J. & Co. (Plows)

NEBRASKA.

BEATRICE—Dempster Mill Mfg. Co. (Cultivators, Grain Drills, etc.)
CLAY CENTER—Clay Center Mfg. Co. (Grain Drills, etc.)
King Drill Mfg. Co. (Grain Drills)

NEW JERSEY.

BOONTON—Trench, Stewart & Co.
GRENLOCH—Bateman Mfg. Co. (Plows, Harrows, Cultivators, Planters, etc.)
HACKETTSTOWN—Bowers, R. Q. & Son (Plows)
HIGHTSTOWN—Peppler, Thos. (Plows, Corn Shellers, etc.)
Shangle, John. R. (Plows, Potato Diggers etc.)
MILLINGTON—Nash, Duane H. (Pulverizers. Harrows, Clod Crushers, Planters, etc.)
Nishwitz Mfg. Co. (Harrows, etc.)
PHILLIPSBURG—Phillipsburg Mfg. Co. (Feed Mills, etc.)
PITTSTOWN—Deats, Hiram, Jr. (Plows, Threshers, Corn Shellers)
TRENTON—Butterworth, Wm. H. & Bro. (Threshers, etc.)

NEW YORK.

ALBANY—Dedericks, P. K. Sons (Hay Presses)
ALBION—Bromley Foundry Co. (Plows, Cultivators, Planters)
AUBURN—Bowen & Quick (Threshers, etc.)
New Birdsall Co. (Threshers, Engines, etc.)
Osborne, D. M. & Co. (Cultivators, Harrows, Mowers, Reapers, Rakes, Tedders, etc.)
AVON—Champion Drill Co. (Cultivators, Grain Drills, etc.)
BATAVIA—Bidwell, Chas. H. (Bean Threshers, etc.)
Johnston Harvester Co. (Binders, Cultivators, Harrows, Mowers, Reapers, Rakes, Tedders, Seeders & Sowers)
Wiard Plow Co. (Plows, Harrows, Rakes, Planters, etc.)
BUFFALO—Buffalo Pitts. Co. (Harrows, Cultivators, Rakes, Threshers, Stackers, etc.)
CALEDONIA—Caledonia Bean Harvester Wks. (Cultivators, Planters, etc.)
CAMBRIDGE—Lovejoy, H. H. & Son (Plows, Harrows, Cultivators, Planters, etc.)
CANANDAIGA—Davidson, Alex, (Plows, etc.)
CANASTOTA—Patten & Stafford (Harrows, Rakes, etc.)
CASTILE—Shumacher Bros & Nixon
CATO—Dutton, E. Q. & Co. (Plows, Feed Mills)
COBLESKILL—Harder Mfg. Co. (Threshers, Fanning Mills, Clover Hullers)
COHOES—Excelsior Machine Co. (Potato Diggers, etc.)
COPAKE IRON WORKS—Columbia Plow Works (Plows, etc.)
DANSVILLE—Sweet, George Mfg. Co. (Mowers & Reapers)
DESPATCH—Ontario Drill Co. (Grain Drills)
EAST AURORA—Peek, S. H. (Plows)
FULTON—Emeny, G. J. Co. (Feed Cutters)
GOWANDA—Gowanda Agricultural Works Co. (Plows, Cultivators, etc.)
GREENE—Lyon Iron Works (Feed Cutters)
GREENWICH—Eddy, W. Plow Co. (Plows, Threshers, etc.)
HOLLAND—Tanner, D. F. (Feed Cutters)
HONEOYE FALLS—Yorks, W. R. (Cultivators, etc.)
HOOSICK FALLS—Wood, Walter A. Mowing & Reaping Machine Co. (Mowers, Reapers, Binders, Rakes, Tedders, etc.)
ILION—Ross, A. M. & Co. (Plows, Pumps, Shovels, etc.)
ITHACA—Williams Bros. (Rakes, Well Machy., etc.)
JAMESTOWN—Blackstone Mfg. Co. (Corn Planters, etc.)
KINGSTON—Hendricks, D. B. & Co. (Hay Presses)
LEONARDSVILLE—Babcock Mfg. Co. (Plows, Harrows, Cultivators, Feed Cutters)
LEROY—Leroy Plow Co. (Plows, etc.)
LIMA—Papec Machine Co. (Feed Cutters)
LYONS—Anl, Henry & Son (Fanning Mills)
Lyons Fanning Mill Co. (Fanning Mills)
Nagley Mfg. Co. (Tobacco Transplanters, Presses, etc.)
MACEDON—American Seeding Machine Co. (See Springfield, O.)
MERIDIAN—Everts & Co. (Plows)
MIDDLEPORT—Knapp, E. (Bean Pickers)
MT. MORRIS—Genesee Valley Mfg. Co. (Harrows, Grain Drills, Corn Shellers, Fanning Mills)
MUNNSVILLE—Munnsville Plow Co. (Plows, etc.)
NEWARK VALLEY—Kemp, J. S. Mfg. Co. (Manure Spreaders)
NEW YORK—Whitman & Barnes Mfg. Co., 111 Chambers
OWEGO—Champion Wagon Co. (Grain Drills, etc.)
PHELPS—Crown Mfg. Co. (Grain Drills, etc.)
King Chill Plow Co. (Plow Mfrs.)
POUGHKEEPSIE—Adriance, Platt & Co. (Harrows, Mowers, Reapers, Binders, Rakes, etc.)
Chapinville Wheel Co. (Harrow, Rakes, Seeders & Sowers)
RIVERHEAD—Hudson, S. T. (Harrows)
ROCHESTER—De Garmo, Danl.
SCHENECTADY—Westinghouse Co. (Threshers, Stackers, Weighers)

SENECA FALLS—Gould Mfg. Co. (Corn Shellers, etc.)
Rumsey & Co. (Corn Shellers, etc.)
SHORTSVILLE—American Seeding Machine Co. (Grain Drills). See Springfield, O.
Star Seeder Co.
SYRACUSE—Kemp & Burpee Mfg. Co. (Manure Spreaders)
Syracuse Chilled Plow Co. (Plows, Harrows, Cultivators, etc.)
TRUMANSBURG—Almy, Sam'l & Son (Rollers, Plows, etc.)
UTICA—Childs, Chas. H. & Co. (Cultivators, Davison Harrow Co. (Harrows) etc.)
Eureka Mower Co. (Cultivators, Mowers, Planters, etc.)
Standard Harrow Co. (Harrows, Cultivators, Corn Shellers, etc.)
WARSAW—**WARSAW ELEVATOR CO.** (Bean, Pea & Corn Planters, etc.) (See adv. index, end of book)
WILSON—Barnum's Agricultural Works
YOUNGSTOWN—Ripson, Wm. & Son (Plows, Harrows, Cultivators)

NORTH CAROLINA.

ASHEVILLE—Drummond Plow Co. (Plows)
GOLDSBORO — Wayne Agricultural Works (Plows, etc.)
LEXINGTON—Rothrock Weaver Co. (Plows)
Thompson, C. M. (Plows, Corn Shellers, etc.)

NORTH DAKOTA.

GRAND FORKS—North Dakota Mfg. Co. (Wind Stackers, etc.)

OHIO.

AKRON—Akron Cultivator Co. (Cultivators, Plows, Corn Harvesters)
Akron Machine Co. (Cultivators, etc.)
Aultman & Miller Buckeye Co. (Mowers, Reapers, Rakes, etc.)
Whitman & Barnes Mfg. Co. (Harrows, Cultivators, Planters. Corn Shellers, etc.)
ASHLAND—Myers, F. E. & Bro. (Haying Tools, Horse Powers, Hay Carriers, etc.)
BELLEVUE—Ohio Cultivator Co. (Cultivators, Plows, Harrows, Planters, Listers, etc.)
BEREA—Dunham, J. W. & Son (Harrows, Corn Shellers, etc.)
BROOKVILLE—Wellbaum Bros. (Corn Harvesters)
BRYAN—Bryan Plow Co. (Plows, Harrows, etc.)
BUCYRUS—Shunk Plow Co. (Plows, Cultivators, etc.)
CANAL FULTON—Fulton Machine Co. (Roller & Pulverizer Combined, etc.)
CANTON—Bucher & Gibbs Plow Co. (Plow, Harrows, Cultivators)
Buckeye Mfg. Co. (Cultivators, Plows)
Dick, Jos. Agricultural Works (Fodder Cutters, etc.)
Ney Mfg. Co. (Hay Carriers, etc.)
Ney, V. L. Co. (Hay Carriers, etc.)
CHILLICOTHE—Woodcock Feed Mill Co. (Feed Mills, etc.)
CINCINNATI—Miller, L. J. (Corn & Cob Mills, etc.), 1233 Harrison av
Straub Machinery Co. (Feed Mills, etc.), 1940 W. 6th
CLEVELAND—**BARTLETT, C. O. & SNOW CO.** (Feed Mills, Corn Shellers, etc.) (See adv. index, page 1200)
Empire Plow Co. (Plows, Harrows, Cultivators, etc.)
COLUMBIANA—Enterprise Mfg. Co. (Feed Mills, etc.)
COLUMBUS—Brown, Hinman & Huntington Co. (Corn & Cotton Planters, etc.)
Kilbourne & Jacobs Mfg. Co., head of Lincoln st
CRESTLINE—Burch Plow Works Co. (Plows, etc.)
DAYTON—Cast Steel Plow Co. (Plows)
Ohio Rake Co. (Harrows, Hay Loaders, Planters, Rakes, Tedders, Corn Shellers, Seeders)
Parrott Mfg. Co. (Plows)
Stoddard Mfg. Co. (Plows, Cultivators, Grain Drills, Planters, Rakes, Tedders & Seeders)
DEFIANCE—Clipper Plow Co. (Plows, Cultivators, Grain Drills, Planters)
DOYLESTOWN—Sieberling & Miller Co. (Mowers, Reapers, Binders, Harvesters, etc.
FREMONT—Lehr Agricultural Co. (Harrows, Cultivators, etc.)
GALENA—Hughes & Smythe (Revolving Rakes, Corn Planters, etc.)
HAMILTON—Deuscher, H. P. Co. (Harrows, Pulverizers, Cultivators, Rakes, Planters)
Long & Allstatter Co. (Cultivators, Rakes, Harrows, Planters, Plows, Feed Cutters, etc.)
HARRISON—Campbell Corn Drill Co. (Corn Drills, etc.)
HILLSBORO—Bell, C. S. Co. (Feed Mills, Cane Mills, Bells, etc.)
IRONTON—Ironton Disk Plow Co. (Disc Plows, etc.)
LANCASTER—Eagle Machine Co. (Feed Mills, Hand Planters, Corn Shellers, Feed Cutters)
Hocking Valley Mfg. Co. (Tedders, Feed Cutters, Hay Loaders, etc.)
MALTA—Brown-Manly Plow Co. (Plows, Cultivators, etc.)
MANSFIELD—Aultman & Taylor Machinery Co. (Threshers, Stackers, Clover Hullers)
Lean, Roderick Mfg. Co. (Harrows, etc.)
MARIETTA—Marietta Mfg. Co. (Plows, etc.)
MARION—Huber Mfg. Co. (Threshers, Stackers, Weighers, Engines, etc.)
Implement Mfg. Co.
Marion Mfg. Co. (Threshers, Stackers, Traction Engines, etc.)
MASSILLON—Harrison, W. R. & Co. (Fodder Cutters, etc.)
Massillon Engine & Thresher Co. (Threshers, Stackers, etc.)
Russell & Co. (The) (Threshers, Stackers, etc.)
Russell Engine Co. (Inc.) (Implements, Engines, etc.)
MIDDLETOWN—McSherry Mfg. Co. (Dise Harrows, Grain Drills, Corn Shellers, Seeders)
MT. GILEAD—Hydraulic Press Mfg. Co. (Grain Weighers, etc.)
NAPOLEON—Morning Star Mfg. Co. (Threshers, etc.)
NEWARK—Newark Machine Co. (Straw Stackers, Clover Hullers, Fanning Mills)
NEW BREMEN—Lanfersieek & Grothaus Co. (Plows)
NEW LEXINGTON—Star Mfg. Co. (Feed Mills & Powers, etc.)
NEW PHILADELPHIA—Spicer Mfg. Co. (Cultivators, etc.)
NORTH FAIRFIELD—Fairfield Plow Works (Plows)
ORRVILLE—Champion Thresher Co. (Harrows, Threshers, etc.)
RIPLEY—Phoenix Foundry & Mfg. Co. (Pulverizers, etc.)
SALEM—Silver Mfg. Co. (Feed Mills, Feed Cutters)
SANDUSKY—Klotz Machine Co. (Corn Shellers, etc.)
SEBRING—Farmers Mfg. Co. (Feed Cutters)
SIDNEY—American Steel Scraper Co. (Road Plows, Scrapers, etc.)
Anderson Mfg. Co. (Churns)
Sidney Steel Scraper Co. (Road Plows & Scrapers, etc.)
Slusser-McLean Scraper Co. (Road Plows, Scrapers, etc.)
SPRINGFIELD—American Seeding Machine Co. Grain Drills, Seeders & Sowers Broadcast, Disk, Harrows, etc.)
Foos Mfg. Co. (Corn Harvesters, etc.)
Funk, D. D.
Mast, Foos & Co. (Lawn Mowers, Wind Engines, Pumps, etc.)
Mast, P. P. & Co. (Cultivators, Grain Drills, Seeders, etc.)
Rogers Iron Works (Feed Mills, Corn Shellers)
Ross, E. W. Co. (Feed Mills, Corn Shellers, Cane Mills, Feed Cutters)
Thomas Mfg. Co. (Grain Drills, Hay Loaders, Rakes, Tedders, etc.)
TIFFIN—Tiffin Wagon Co. (Corn Shellers, etc.)
TOLEDO—Hickox, Mull & Hill Co. (Harrows, Feed Cutters, Corn Harvesters)
Toledo Plow Co. (Plows, Cultivators, etc.)
U. S. Pump & Supply Co. (Plows, etc.)
URBANA—Bechtolt, Geo. E. (Plows)
WESTERVILLE—Bennett, H. L. & Co. (Corn Harvesters, Stump Pullers, etc.)
ZANESVILLE—Brown Mfg. Co. (Plows, Harrows, Cultivators, etc.)

OREGON.

PORTLAND—Poole, Mrs. Jno., ft Morrison

PENNSYLVANIA.

CARNEGIE—Carnegie Plow & Mfg. Co.
EASTON—Wilson Bros. (Feed Mills, Feed Cutters)
ELIZABETHTOWN—Buch's, A. Sons Co. (Corn Shellers, Fanning Mills, Feed Cutters)
GREENCASTLE—Walk, Henry S. (Implements)
HAMBURG—Loose, Saml. A. & Son (Plows)
HARRISBURG—Reist, J. B. & Son (Fanning Mills)
INDIANA—Indiana Foundry Co. (Feed Cutters)
KENNETT SQUARE—American Road Machine Co. (Road Plows & Road Making Machinery, etc.)
LANCASTER—Eureka Bark Mill Co. (Feed Mills)
LANSDALE—Heebner & Sons (Harrows, Threshers, Feed Mills, Feed Cutters)
LENOVER—Chalfant's, Jno. N. Sons (Threshers, etc.)
LERAYSVILLE—Bailey, E. Martin (Plows, etc.)
MARTINSBURG—Martinsburg Foundry Co. (Plows)
MECHANICSBURG—Comstock, Geo. S. (Rakes, Feed Cutters)
MIFFLINBURG—Albright, J. H. & Sons (Harrows, Cultivators, Rakes, Feed Cutters)
MOUNTVILLE—Mountville Mfg. Co. (Plows, Planters, Corn Shellers, etc.)
MUNCY—Sprout, Waldron & Co. (Feed Mills, Corn Shellers, etc.)
NEW OXFORD—Smith, Edgar S.
Weaver Mfg. Co. (Feed Cutters)
OAKHALL STATION—Sellers, Edward (Plows, Planters, Feed Mills, etc.)
PHILADELPHIA—Allen, S. L. & Co. (Cultivators, Planters. Seeders), 1107 Market
Brous, T. Miles (Plows, etc.), Krewstown rd
Straub, A. W. & Co. (Feed Mills, etc.), 3737 Filbert
POTTSTOWN—Ellis Keystone Agricultural Works (Threshers, Feed Mills)
READING—Lessig, Chas. (Feed Cutters)
Lessig, Geo. D. (Feed Cutters)
SNYDERSVILLE—Marsh, E. B. Bro. & Co. (Plows)
TATAMY—Messenger Mfg. Co. (Threshers, Planters, Tedders, Feed Cutters)
WAYNESBORO—Frick Co. (Threshers, Stackers, Shellers, Traction Engines)
Geiser Mfg Co. (Threshers, Plows, Weighers, Baggers, Clover Hullers, Traction Engines)
WOODBURY—Brown, J. I. (Plows)
YORK—Farquhar, A. B. Co. (Ltd.) (Plows, Grain Drills, Threshers, Feed Mills, Planters, Corn Shellers, Engines, Feed Cutters)
Hallock, D. Y. & Sons (Cultivators)
Hench-Dromgald Co. (Plows, Harrows, Cultivators, Grain Drills, Feed Mills, Planters, Corn Shellers, Seeders, Feed Cutters)
Keystone Farm Machine Co. (Plows, Harrows, Cultivators, Feed Mills, Planters, Corn Shellers, Feed Cutters)
Spangler Mfg. Co. (Harrows, Grain Drills, Planters, Feed Cutters)

SOUTH CAROLINA.

BENNETTSVILLE—Star Pea Thresher Co. (Pea Threshers, etc.)

SOUTH DAKOTA.

WATERTOWN—Lee Bros. (Harrows)

TENNESSEE.

CHATTANOOGA—Chattanooga Implement & Mfg. Co. (Hay Presses)
Chattanooga Plow Co. (Plows, Cane Mills, Evaporators, etc.)
Reversible Disc Plow & Implement Co.
CLARKSVILLE—Ground Hog Plow & Foundry Co.
Patch, A. H. (Corn Shellers)
HARRIMAN—Harriman Hoe & Tool Co.
Harriman Plow & Handle Co. (Plows)
JACKSON—Wells-Jones Plow Co. (Plows)

TEXAS.

BRENHAM—Schurenberg, F. W. (Plows)
BRYAN—Chatham Machinery Co. (Feed Mills)
DALLAS—Texas Disc Plow Co. (Plows)
LONGVIEW—Kelly, G. A. Plow Co. (Plows)
SAN ANTONIO—Collins, F. F. Mfg. Co. (Hay & Cotton Presses)

VERMONT.

BARTON—Murkland, Jno. W. (Plows)
BROOKFIELD—Peck, Clark & Co. (Drag Rakes, Agl. Forks, etc.)
CASTLETON—Sargent, S. R. & Son (Plows, Harrows, etc.)
MIDDLETOWN SPRINGS—Gray's, A. W. Sons (Threshers, etc.)
ST. ALBANS—Saint Albans Fdy. & Implement Co.
WOODSTOCK—Daniels Machine Co. (Feed Cutters)

VIRGINIA.

ALEXANDRIA—May, Wm. H. & Son (Plows)
CHARLOTTESVILLE—Harris, R. F. & Co.
CHRISTIANSBURG—Christiansburg Chilled Plow & Machine Works (Chilled Plows, etc.)
FERRUM—Cousins, W. C. ("20th Century" Plows)
FREDERICKSBURG—Hunter, Chas. E. (Plows)
LYNCHBURG—Lynchburg Foundry Co. (Plows)
NORFOLK—Billups, C. Son & Co. (Plows, Harrows, Cultivators, Corn Shellers, Fanning Mills)
White, S. R. & Bro. (Plows, Cultivators, Planters, Corn Shellers & Feed Cutters)
Whitehurst, R. W. Co. (Plows, Hay Presses)
PETERSBURG—Ayers, J. R. (Peanut & Cotton Planters, etc.)
RICHMOND—Call-Watt Co. (Plows)
Cardwell Machine Co. (Threshers, Planters, Feed Cutters, Horse Powers, Hay Presses)
Stark's Dixie Plow Works (Ashton Stark, Prop.) (Plows, etc.)
Watts Plow Co. (Plows)
SUTHERLIN—Kerns, H. O. (Plows)

WASHINGTON.

WALLA WALLA—Hunt, Gilbert Co. (Threshers, etc.)

WISCONSIN.

APPLETON—Becker, J. E. (Plows)
BEAVER DAM—Rowell, J. S. Mfg. Co. (Cultivators, Grain Drills, Rakes, Seeders, Fanning Mills)
BELOIT—Thompson, J. & Sons Mfg. Co. (Plows, Harrows, Cultivators, Rakes, Planters, Listers, Seeders)
BRANDON—Sherwin, E. C. & Son (Harrows)
EVANSVILLE—Baker Mfg. Co. (Feed Mills, Windmills, etc.)
FOND DU LAC—Fond du Lac Implement Co. Harrows, Grain Drill, Rakes, Seeders)
Glasow, Fred (Plows)
FT. ATKINSON—Pounder, Geo. H. (Harrows)
HARTFORD—Hartford Plow Works (Plows, Harrows, Cultivators, Feed Cutters)
HORICON—Van Brunt Mfg. Co. (Cultivators, Grain Drills, Seeders, etc.)
JANESVILLE—Janesville Machine Co. (Grain Drills, Plows, Harrows, Cultivators, Mowers, Listers, etc.)
Rock River Machine Co. (Haying Tools, Corn Shellers, etc.)
Strickler, Frank B. (Haying Tools)
JEFFERSON—Vaughan, O. C. Mfg. Co. (Harrows, Wagons, etc.)
KAUKAUNA—Solar Mfg. Co. (Fanning Mills)
KEWAUNEE—Hamacek, Frank (Plows, Feed Mills, Feed Cutters)
LA CROSSE—City Plow Works (Plows, etc.)
La Crosse Plow Co. (Plows, Harrows, Cultivators, Grain Drills, Listers, Seeders)
La Crosse Threshing Machine Mfg. Co.
Tomasak & Nekola (Plows, Harrows, Cultivators, etc.)
MADISON—American Plow Co. (Plows, Cultivators, etc.)
Fuller & Johnson Mfg. Co. (Grain Drills, Plows, Harrows, Cultivators, Rakes, Planters, Listers, etc.)
MANITOWOC—Smalley Mfg. Co. (Corn Shellers, Plows, Feed Cutters)
MARINETTE—Stevens, A. W. Co. (Threshers, Engines, Wind Stackers, Corn Shellers, etc.)
MAYVILLE—Zilisch, A. T. (Harrows, Feed Cutters)
MENOMINEE FALLS—Rowell, I. B. Co. (Plows, Harrows, Cultivators, Feed Cutters)
MILWAUKEE—Hirsch Bros. (Fanning Mills). 267 Reed
Milwaukee Hay Tool Co. (Corn Huskers, Fodder Shredders & Haying Tools), Layton Park
OSHKOSH—Search Mfg. Co. (Feed Mills, Feed Cutters)
RACINE—Belle City Mfg. Co. (Feed & Ensilage Cutters, Horse Powers, etc.)
Case, J. I. Plow Works (Plows, Harrows, Cultivators, Planters, Listers, etc.)
Case, J. I. Threshing Machine Co. (Threshers, Stackers, Weighers, etc.)
Dickey, E. P. (Corn Shellers, Fanning Mills)
Foster & Williams Mfg. Co. (Drag Rakes, Seeders, Fanning Mills, Feed Cutters)
Freeman, S. & Sons Mfg. Co. (Corn Shellers, Seeders, Fanning Mills, Feed Cutters, Windmills, etc.)
Johnson & Field Mfg. Co. (Seeders, Fanning Mills, Land Rollers, etc.)
Racine Implement Co. (Fanning Mills, etc.)
Winship Mfg. Co. (Hand Planters, Windmills, etc.)
RIPON—Hazen, Wayne S. (Harrows)
SHEBOYGAN—Stehn Mfg. Co. (Plows, Feed Cutters)
STOUGHTON—Stoughton Wagon Co. (Plows, Wagons, etc.)
SUPERIOR—Duplex Mfg. Co. (Feed Mills, etc.)
WAUPUN—Althouse-Wheeler Co. (Feed Mills, etc.)
Olson, O. C. (Plows)
WEST ALLIS—Rosenthal Husker Co. (Huskers & Shredders "Corn")
WEST BEND—Silberzahn Bros. (Tedders, Corn Shellers, Feed Cutters)
WHITEWATER—Merriam, I. Z. (Corn Cutters, Stackers, Webs, etc.)

Agricultural Implement Parts

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Havana Metal Wheel Co. (Plowshares, Points, Lister Shares, Sub-Soilers, etc.), Havana, Ill.

Air Brake Fittings

(See Fittings, Air Brake.)

Air Brake Storage System

WESTINGHOUSE TRACTION BRAKE Co., Pittsburg, Pa.

Air Brakes

(See Brakes, Air)

Air Compressors

(See Compressors, Air.)

Air Cushions (Saw Mill Carriage)

Kilgore Machine Co., Minneapolis, Minn.

Air Hoists

(See Hoists, Pneumatic, etc.)

Air Receivers

Allis-Chalmers Co., N. Y. Life bldg, Chicago, Ill. Works, Chicago, Milwaukee, & Scranton, Pa.
American Air Compressor Works, 26 Cortlandt, N. Y.
CHICAGO PNEUMATIC TOOL CO., Fisher bldg., Chicago, Ill., & 95 Liberty, N. Y. (See adv. index, end of book)
Clayton Air Compressor Works, 116 Liberty, N. Y.
Fisher, A. J., 56 S. Clinton, Chicago, Ill.
Herron & Bury Mfg. Co., Erie, Pa.
INGERSOLL-SERGEANT DRILL CO., The, 26 Cortlandt, New York. Offices: Old Colony bldg, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 First av, Seattle, Wash.; Corestine bldg, Montreal, Canada; Mexico City, Calle 2a de Doroles No. 20, Mexico, D. F.; London, Eng., 114a Queen Victoria St.; Paris, France, 51 Rue de la Chausee D'Antin; Berlinl, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence St.; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co.; Lime, Peru, W. R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv. index, end of book)
Koven, L. O. & Bro., 50 Cliff, N. Y.
Leyner, J. Geo. Engineering Works Co., 501 17th, Denver, Col.
McKiernan Drill Co., Paterson, N. J.; 170 B'way, New York
PETROLEUM IRON WORKS CO., Washington, Pa., & Farmers' Bank bldg, Pittsburg, Pa. (See adv. index, end of book)
Pollock, Wm. B. Co., Youngstown, O.
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
RAND DRILL CO., 128 B'way, N. Y., & Moandnock bldg, Chicago. (See adv. index, end of book)
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)
SULLIVAN MACHINERY CO., 7 Jackson boul, Chicago, Ill. (See adv. index, end of book)
Underwood, H. B. & Co., 1025 Hamilton, Phila., Pa.
Vulcan Iron Works, Wilkesbarre, Pittston & Tamaqua, Pa.
Wilks, S. Mfg. Co., 35th c Shields av, Chicago, Ill.

Alarms (Burglar)

Ansonia Electrical Co., Ansonia, Conn.
Benjamin, Geo. P., 81 Fulton, N. Y.
Boston Electric Co., 29 Harrison av, Boston, Mass.
Bunnell, J. H. & Co., 20 Park pl, N. Y.
Carleton-Chase Electric Co., 35 Warren, N. Y.
Dayton Supply Co., Dayton, O.
Edwards & Co., 407 E 144th, N. Y.
Einbigler & Adler, 432 7th av, N. Y.
Electric Gas Lighting Co., 115 Purchase, Boston, Mass.
Heath Electric Co., 336 Grand River av, Detroit, Mich.
HERZOG TELESEME CO., 51 W 24th, N. Y. (See adv. below)

Herzog Teleseme Co.,
51 WEST 24th STREET,
MANUFACTURE EXCLUSIVELY
Electric Signaling Specialties

Holmes Electric Protective Co., 26 Cortlandt, N. Y.
Holtzer-Cabot Electric Co., Brookline, Mass.
Jones, J. & Son, 62 Vesey, N. Y.
Manhattan Electrical Supply Co., 32 Cortlandt, N. Y.
Marvel Patents Co., 189 Montague, Brooklyn,
Ostrander, W. R. & Co., 22 Dey, N. Y. N. Y.
Partrick, Carter & Wilkins, 1231 Callowhill, Phila., Pa.
Pearce, Frederick, 18 Rose, N. Y.
Reeves Mfg. Co., New Haven, Conn.
Stanley & Patterson (S. & P. Double Magnet), 93 Liberty, N. Y.
Star Electric Co., Binghamton, N. Y.
Western Electric Co., 259 S Clinton, Chicago, Ill., & 57 Bethune, N. Y.
Wilcox, L. M., 219 Market, Newark, N. J.
Ziegler Apparatus Co., 200 Summer, Boston, Mass.

Alarms (Fire, Manual & Automatic Systems)

Bunnell, J. H. & Co., 20 Park pl., N. Y.
Consolidated Fire Alarm Co., 30 Broad, New York; 159 LaSalle ,Chicago, Ill., & 135 135 S 2d, Phila., Pa.
Edwards & Co., 407 E 144th, N. Y.
Foote, Pierson & Co., 82 Fulton, N. Y.
Gameweli Fire Alarm Telegraph Co., 19 Barclay, N. Y.
Manhattan Fire Alarm Co., 19 Barclay, N. Y.
Miller-Knoblock Electric Mfg. Co., South Bend, Ind.
Partrick, Carter & Wilkins, 1231 Callowhill, Phila., Pa.
Pearce, Frederick, 18 Rose, N. Y.
Special Fire Alarm Electrical Signal Co., 18 Rose, N. Y.
Star Electric Co., Binghamton, N. Y.
Stephens, Geo. M., 15 Chardon, Boston, Mass.
Utica Fire Alarm & Telegraph Co., Utica, N. Y.

Alarms (Fire, Thermostatic & Automatic System)

Automatic Fire Alarm Co., 416 B'way, New York
Boston Automatic Fire Alarm Co., 104 Milk, Boston, Mass.
Dorion Novelty Co., Springfield, Mass.
HERZOG TELESEME CO., 51 W 24th, N. Y. (See adv. index, end of book)
Rhode Island Electric Protective Co., Providence, R. I.
National Automatic Fire Alarm Co. of La., New Orleans, La.
National Automatic Fire Alarm Co. (of Ohio). Cincinnati, O.
National Fire Appliance Co., 161 Franklin, Boston, Mass.
Rhode Island Elec. Protective Co., 32 Custom House, Providence, R. I.
U. S. Fire & Police Telegraph Co., 381 Albany, Boston, Mass.
Viaduct Mfg. Co., 10 S. Howard, Baltimore, Md.

Alarms (Highway Crossing)

Railroad Supply Co., Bedford bldg., Chicago, Ill.; 143 Liberty, N. Y.

Alarms (Low Water for Boilers)

American Steam Gauge & Valve Mfg. Co., 208 Camdekn, Boston, Mass.; 16 N Canal, Chicago, Ill., & 23 Church, N. Y.
ASHCROFT MFG. CO. THE, (The "Tabor"), 85, 87 & 89 Liberty, New York, & 22, 24, 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.
Binghamton Machine Tool Works (The Turner), Binghamton, N. Y.
Buckeye Iron & Brass Works, Dayton, O.
Burrows Mfg. Co. (High & Low), York, Pa.
Clark Bros. Co., Vicksburg, Mich.
CRANE CO., 10 N Jefferson, Chicago, Ill.; New York, Philadelphia, St. Louis, Kansas City, Sioux City, Los Angeles, San Francisco, Omaha, Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Crosby Steam Gage & Valve Co., 95 Oliver, Boston, Mass.; 21 W Lake, Chicago, Ill., & 78 John, N. Y.
Detroit Lubricator Co. ("Detroit"), Hodges bldg, Detroit, Mich.
Erie Mfg. & Supply Co., Erie, Pa.
Griffing, A. A. Iron Co., Jersey City, N. J.
Hills-McCanna Co., 128 Kinzie, Chicago, Ill.
Illinois Malleable Iron Co., 30 W Monroe, Chicago, Ill.
Jones Automatic Low Water Alarm Co., Detroit, Mich.
Lawler Water Feed & Damper Regulator Co., 189 Mercer, New York
Lonergan, J. E. & Co. ("Reliable"), 211 Race, Phila., Pa.
LUNKENHEIMER CO. (General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, N. Y., & 35 Great Dover, London, S. E., England. (See adv. index, page 1200)
Michigan Lubricator Co. ("Michigan"), 663 Beaubien, Detroit, Mich.
MONASH-YOUNKER CO. (Gem & Signal), 203 S Canal, Chicago, Ill., & 43 Centre, N. Y. (See adv. index, page 1200)
Penberthy Injector Co., 346 Holden av, Detroit, Mich.
Reliance Gauge Column Co., Cleveland, O.
Reliance Machine & Tool Co., Cleveland, O.
Rutzler, E., 178 Centre st., New York
Schafer & Budenberg Mfg. Co., Main office & Works, 10 Division, Brooklyn, N. Y., & 66 John, N. Y.
Scranton Steam Pump Co., Scranton, Pa.
Sims Co., Erie, Pa. & 22 Lake, Chicago, Ill.
Steigert, Leopold (Also for High Water, The "U. S." Indicator), cor Elder & Logan, Cincinnati, O.
Thompson, Walter M., 835 W 5th, Cincinnati, O.
Van Auken-Clevauc Co., Yonkers, N. Y.
Vicksburg Mfg. Co., Vicksburg, Mich.

Alcohol (Wood)

Antrim Chemical Co., Detroit, Mich., & Mancelona, Mich.
Bartley, John & Co., Mt. Alton, Pa.
Bayless J. & F. J., Binghamton, N. Y.
BERRY BROS. (Ltd.). Main Office & Factory, Detroit, Mich.; 262 Pearl, N. Y.; Phila., Pa.; 200 W Saratoga, Baltimore, Md.; 15 Lake, Chicago ,Ill.; 420 Main, Cincinnati, O.; 112 S 4th, St. Louis, Mo., & 809 Mission, San Francisco, Cal. (See adv. index, end of book)
Brandt Chemical Co., Binghamton, N. Y.
Burrell Chemical Co., Manistique, Mich.
Cleveland Cliffs Iron Co., Cleveland, O.
Cooper, Chas & Co., 194 Worth, N. Y.
Corbett, M. J. & Co., Binghamton, N. Y.
Cummer, Diggins & Co., Cadillac, Mich.
Elk Rapids Iron Co., Elk Rapids, Mich.
Gray Chemical Co., Port Allegheny, Pa.
Hermance Chemical Co. (Wood Spirits), Williamsport, Pa.
Inderlied, E. C., Binghamton, N. Y.
Innes Bros & Co., Canton, Pa.
Lackawanna Chemical Co., Susquehanna, Pa.
Leighton, Arthur Co., Methol, N. Y., & Cook Falls, N. Y.
McKean Chemical Co. (Wood Spirits), Williamsport, Pa.
Merrimac Chemical Co., 75 Broad, Boston, Mass.
Otto Chemical Co., Williamsport, Pa.
Russell Chemical Co., Russell, Pa.
Salomon, L. A. & Bro., 216 Pearl, N. Y.
Southern Chemical Co., Detroit, Mich., & Yuma, Mich.
Treyz & Hart Chemical Co., Cooks Falls, N. Y.
Wilcox Mfg. Co., Wilcox, Pa.
Wood Products Co. (Pure Methyl & Refined), Buffalo, N. Y.
Wright, C. F. & Co., Susquehanna, Pa.
Wyman Chemical Co., Port Allegheny, Pa.
Young, W. D. Chemical Co., West Bay City, Mich.

Alloys (Aluminum)

Bridgeport Deoxidized Bronze & Metal Co., Bridgeport, Conn.
Cowles Electric Smelting & Aluminum Co., Lockport, N. Y.
Hayman, Mich'l & Co., Buffalo, N. Y.
Kemp, W. H. Co., 165 Spring, N.Y.
LEAVITT, C. W. & Co., 15 Cort-landt, New York. (See adv. index, end of book)
Pittsburg Reduction Co., Park bldg, Nek Kensington, Pa., & 99 John, New York
Scovill Mfg. Co., Waterbury, Conn.; 423 Broome, N. Y.; 210 Lake, Chicago, Ill.
Williams, E. A. & Son, 105 Plymouth, Jersey City, N. J.

Alloys (Copper & Nickel)

BENEDICT & BURHAM MFG. CO., Waterbury, Conn. (See adv. index, end of book)
Hill, Albert M. (Nickel & Nickel Alloys), New Haven, Conn.
Nassau Smelting & Refining Works, 29th & 11th av, New York

Alloys for Steel Mfrs.

Crocker Bros., 99 John, New York, & Penna. bldg, Phila., Pa.
LEAVITT, C. W. & CO. (All Kinds), 15 Cortlandt, New York. (See adv. index, end of book)

Alloys (Manganese)

Cowles Electric Smelting & Aluminum Co., Lockport, N. Y.

Alloys (Phosphor Bronze)

Phosphor Bronze Smelting Co. (Ltd.) ("Elephant" Brand), 2200 Wash'n av, Phila., Pa.

Alloys (Silicon)

Cowles Electric Smelting & Aluminum Co., Lockport, N. Y.

Alloys (White Metal)

Cowles Electric Smelting & Aluminum Co., Lockport, N. Y.
Lissberger, Marks & Son, 397 W 12th, N. Y., & 375 Driggs av, Brooklyn, N. Y.

Alphabets & Figures (Steel)

Schwerdtle Stamp Co., Bridgeport, Conn.

Alternators

Electric Machinery Co., Minneapolis, Minn.
GENERAL ELECTRIC CO., Sche-nectady, N. Y., & 44 Broad, New York. (See adv. index, end of book)
La Roche, F. A. & Co., 656 Hudson, N. Y.
WESTINGHOUSE ELECTRIC & MFG. Co., Pittsburg, Pa. District offices: New York, Atlanta, Dallas, Baltimore, Boston, Buffalo, Chicago, Cincinnati, Cleveland, Detroit, Los Angeles, Minneapolis, New Orleans, Philadelphia, Pittsburg, St. Louis, Salt Lake City, San Francisco, Syracuse, Seattle, Denver, Mountain Electric Co., Canada; Canadian Westinghouse Co., Limited, Hamilton Ontario; Mexico, G. & O. Braniff & Co.; City of Mexico. (See adv. index, end of book)

Aluminum

LEAVITT, C. W. & CO. (Rods & Ingots), New York. (See adv. index, end of book)

Aluminum Hollow Ware

Aluminum Mfg. Co., Two Rivers, Wis.
Buckeye Aluminum Co., Doylestown, Ohio
Griswold Mfg. Co. ("Erie"), Erie, Pa.
Illinois Pure Aluminum Co., Lemont, Ill.
Pittsburg Reduction Co., New Kensington, Pa., & 99 John, N. Y.
United States Aluminum Co., Pittsburg, Pa.
Wagner Mfg. Co., Sidney, O.

Alums

Baker & Adamson Chemical Co., Easton, Pa.
Cochrane Chemical Co., Boston, Mass.
General Chemical Co., 25 Broad, N. Y.
Harrison Bros. & Co. (Inc.), Phila., Pa.
Kalbfleisch, Franklin H. Co., 31 Burling Slip, N. Y.
Lening, Chas. & Co., 112 S Front, Phila., Pa.
Penna. Salt Mfg. Co., 115 Chestnut, Phila., Pa.
Powers & Weightman, 9th & Parrish, Phila., Pa.
Solway Process Co., Syracuse, N. Y., & Detroit, Mich.

Amalgamating Pans & Barrels

Allis-Chalmers Co., Office, Home Ins. bldg. Chicago, Ill. Works, Chicago, Milwaukee & Scranton, Pa.
Burton Electric Smelting Co. (Electrical), 185 Summer, Boston, Mass.
Hamilton, Wm. Mfg. Co., Petersborough, Ont., Canada
Hendy, Joshua Machine Works, 38 Fremont, San Francisco, Cal.
Holthoff Machinery Co., Cudahy, Wis.
Krogh Mfg. Co. ("Acme" for Beach Sands), 9 Stevenson, San Francisco, Cal.

Marshuty & Cantrell, Main c Howard, San Francisco, Cal.
Mine & Smelter Supply Co., Denver, Col.; El Paso, Texas; Salt Lake City, Utah., & 139 Liberty, N. Y.
Union Iron Works, 222 Market, San Francisco,

Ambulances

Studebaker Bros. Mfg. Co., South Bend, Ind.: B'way & 48th, New York, & 378 Wabash av, Chicago, Ill.

Ammeters & Voltmeters

Benton, Thos. P. & Son, La Crosse, Wis.
Bristol Co., Waterbury, Conn., & 114 Liberty, New York
Eldridge Electric Mfg. Co., Springfield, Mass.
Empire Electrical Instrument Co., 656 Hudson. New York
Fort Wayne Electric Works (Inc.), (Wood) Fort Wayne, Ind
GENERAL ELECTRIC CO. (Recording & Indicating Voltmeters), Schenectady, N. Y., & 44 Broad, New York. (See adv. index, end of book)
General Incandescent Arc Light Co., 529 W 34th, New York
Hanson & Van Winkle Co. ("The H. & V. W."), 219 Market, Newark, N. J.; 30 S Canal, Chicago. & 136 Liberty, New York
Jewell Electrical Instrument Co., 61 Union Park N, Chicago, Ill.
Jones, J. & Son, 62 Vesey, New York
Kendrick & Davis (The K. & D.), Lebanon, N.H.
Keystone Electrical Instrument Co., 9th & Montgomery av. Philadelphia, Pa
Knott, L. E. Apparatus Co., 15 Harcourt, Boston, Mass
Norton, Chas. Electrical Instrument Co., Manchester, Conn.
Pignolet, Louis M. (Continuous Current), 80 Cortlandt, N. Y.
QUEEN & CO. (Inc.) 1010 Chestnut, Phila., Pa. (See adv. index, end of book) adv. index, end of book)
S. E. I. Co., Syracuse, N. Y.
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Wagner Electric Mfg. Co., 2015 Locust, St. Louis
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Weston Electrical Instrument Co., Waverly Park, N. J
Whitney Electrical Instrument Co. (Machado & Roller), Penacook, N. H.
Ziegler Apparatus Co., 200 Summer, Boston. Mass.

Ammonia

Ammonia Co. of Phila., 29th & Gray's Ferry rd, Phila., Pa.
Barrett Mfg. Co., Chicago, Philadelphia, New York, Pitsburg & New Orleans
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Cochrane Cremical Co. (Ammonia, Aqua), Boston, Mass.
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Hirsh, Leon & Sons (Anhydrous in Cylinders), 368 Greenwich, New York
Kalbfleisch, Franklin H. Co. (Ammonia, Aqua), 35 Burling Slip, N. Y.
Larkin & Scheffer Chemical Co. (Ammonia, Anhydrous), St. Louis, Mo.
Mallinckrodt Chemical Works, St. Louis, Mo., & 90 William, New York
National Ammonia Co. (For Refrigerating), St. Louis, Mo.
Penna. Salt Mfg. Co. (Ammonia, Aqua), Phila., Pa.
Roessler & Hasslacher Chemical Co. (Sal Gran'l & Carbonate, etc.), 100 William, N. Y.
Western Chemical Mfg. Co. (Ammonia, Anhydrous), Denver, Colo
Wiarda, John C. & Co., 273 Green, Brooklyn, N. Y.

Anchors

Baldt Anchor Co., Chester, Pa.
Bethlehem Foundry & Machine Co., South Bethlehem, Pa.
Cape Ann Anchor Works, Gloucester, Mass.
CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
Laughlin, Thos. Co. ("Dirigo" Folding, Fishing, Grapnel, Mushroom, Stockless, etc.), Portland, Me.
Seaboard Steel Casting Co. (Open Hearth Steel). Chester, Pa.

Anchors (Guy)

Country Home Telephone Mfg. Co. (Bull Dog), 215 S. Clinton, Chicago, Ill.
Matthews, W. N. & Bro. ("Stombaugh"), Carlton bldg, St. Louis, Mo.

Anchors (Railway Wrecking)

Miller Anchor Co. (For Wrecking Derricks), Norwalk, O.

Anchors (Rock)

Lanz, M. Sons, 101 S 29th, Pittsburg, Pa.

Anchors (Wall, Strap & Pin)

VARIETY MFG. CO., 77 W Lake Chicago, Ill. (See adv. index, end of book)

Andirons

(See also Fire Place Furnishings.)

Boston Brass Andiron Co. (Brass), 104 Utica, Boston, Mass.
BRADLEY & HUBBARD MFG. CO. (Brass), Meriden, Conn. (See adv. index, end of book)
Elm City Brass Co. (Brass), 80 Audubon, New Haven, Conn.
JACKSON, WM. H. CO. (Brass & Iron), 29 E 17th (Union Square), N. Y. (See adv. index, end of book)
WINSLOW BROS. CO. (Hand Forged). Main Office & Works, 368 Carroll av, Chicago, Ill.; 160 5th av, N. Y.; bldg, St. Louis, Mo.; Hennen bldg, New Orleans, La.; 131 Montgomery,, San Francisco, Cal.; 108 Ord, Las Angeles, Cal., & N. W. Cor Clay & Liberty, Baltimore, Md., &Andru bldg, Minneapolis, Minn. (See adv. index, end of book)

Anemometers

STURTEVANT, B. F. CO., Hyde Mass.; 34 Oliver, Boston, Mass.; 281 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria St., ,L,ondon, Eng. (See adv. index, end of book)

Aniline Colors & Dyes

Bull's Ferry Chemical Co., Shadyside, N. J.
Kalbfleisch, Franklin H. Co., 31 Burling Slip, N. Y.
Schoelkopf, Hartford & Hanna Co., Buffalo. N. Y.

Annealers (Armor Plate, Etc.)

CHICAGO PNEUMATIC TOOL CO. ("Tynan"), Fisher bldg, Chicago, Ill., & 95 Liberty, N. Y. (See adv. index, end of book)

Annealers (Wire)

Cornell, J. B. & J. M. Co., 26th & 11th av, New York

Annunciators

Ansonia Electrical Co., Ansonia, Conn.
Boston Electric Co., 29 Harrison av, Boston, Mass.
Bunnell, J. H. & Co., 20 Park pl, New York
Edwards & Co., 407 E 144th, New York
Electric Gas Lighting Co. (Ross, Dandy, Perfect, etc.), 115 Devonshire, Boston, Mass.
ELEVATOR SUPPLY & REPAIR CO., 34 W Monroe, Chicago, Ill., & 136 Liberty, New Yor. (See adv. index, end of book)
Garl Electric Co., Akron, O.
Gifford & Henry (Pneumatic), 209 Chancellor, Phila., Pa.
Heath Electric Co. (Ideal), 366 Grand River av, Detroit, Mich.
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Jones, J. & Son, 62 Vesey, New York
McDermid Mfg. Co., 118 W Jackson boul, Chicago, Ill.
Manhattan Electrical Supply Co., 32 Cortlandt, N. Y.
Moon Mfg. Co. (Knapp), 49 S Canal, Chicago
Novelty Electric Co., 52 N 4th, Phila., Pa.
Ostrander, W. R. & Co., 22 Dey, New York
Partrick, Carter & Wilkins, 1231 Callowhill, Philadelphia, Pa.
Proctor-Raymond Mfg. Co., 442 Niagara, Buffalo, N. Y.
Stanley & Patterson (S. & P. Double Magnet), 93 Liberty, New York
Star Electric Co., Binghamton, N. Y.
Viaduct Mfg. Co., 10 S Howard, Baltimore, Md.
Western Electric Co., 259 S Clinton, Chicago, & 57 Bethune, New York
Wotton Electric & Mfg. Co. (Automatic Reset, etc.), Atlanta, Ga.

Annunciators (Elevator)

(See Elevator Annunciators.)

Anti-Friction Metals

(See Bearings of Various Kinds; also Babbitt Metal.)

Antimonial Lead

LEAVITT, C. W. & CO., 15 Cort- landt, New York. (See adv. index, end of book)

Antimony

American Metal Co., 52 Broadway, N. Y.
Davol, Jno. & Sons, 100 John, N. Y.
Frankel, J., 81 Fulton, N. Y.
Hendricks Bros., 49 Cliff, N. Y.
Hayman, Mich'l & Co., Buffalo, N. Y.
Hiertz Metal Co., Tennessee av & Poepping, St. Louis, Mo.
Hungerford, U. T., Brass & Copper Co., 497 Pearl, New York
LEAVITT, C. W. & CO., 15 Cort- landt, New York. (See adv. index, end of book)

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Melville, F. H., 192 Front, N. Y.

Anti-Rust White Paste Coating

ATLAS PAINT CO. (Ltd.), 2638 Liberty av, Pittsburg, Pa. (See adv. index, end of book)

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Fulton Iron Works ("Detroit Cheney"), Detroit, Mich.
Sovereign, C. E., Rockford, Ill.

Anvils

Amer. Wrought Anvil Co., 12 Richards, Brooklyn, N. Y.
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Columbian Hardware Co. (The "Columbian"), Coe & Hamilton), Cleveland, O.; 14 Warren, New York, & 27 Lake, Chicago
Columbus Forge & Iron Co. (Solid Wrought), Columbus, O.
Fisher & Norris (The Fisher) (Clark Fisgher, Prop.), Fair & Factory, Trenton, N. J.
Hay-Budden Mfg. Co., 254 N Henry, Brooklyn, N. Y.
Hollands Mfg. Co., Erie, Pa.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Jenks, Henry F., Pawtucket, R. I.
Phoenix Hardware Mfg. Co., Phoenix, N. Y.
Russ, A. E. Mfg. Co., 87 Wade Park av, Cleveland, O.
Schreiber & Conchar Mfg. Co., Dubuque, Ia.
Simpson Iron Co. (Bench), West End Buttles av, Columbus, O.
Strelinger, Chas. A. Co. (Mfrs. Agts.), 98 Bates, Detroit, Mich.
Wickes Bros., Saginaw, Mich.

Anvils (Paper Weight, etc.)

Wrightsville Hardware Co., Wrightsville, Pa.

Anvils (Plow)

Atha Tool Co., Newark, N. J.
Evansville Tool Works, Evansville, Ind.

Anvils (Pneumatic)

INGERSOLL-SERGEANT DRILL CO., Co. ("Foley"), 26 Cortlandt, New York. Offices: Old Colony bldg, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg,, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont ,San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta ,St. Paul, Minn.; 310 First av, Seattle, Wash.; Corestine bldg, Montreal, Canada; Mexico City, Calle 2a de Doroles No. 20, Mexico, D. F.; London, Eng., 114a Queen Victoria St.; Paris, France, 51 Rue De la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 197 Clarence St.; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co.; Lime, Peru, W. R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv. index, end of book)

Appraisals of Fire Losses on Machinery

Sponsel, Chas. W., 36 Pearl, Hartford, Conn.

Aprons (Blacksmiths' Leather)

Hull Bros. Co., Danbury, Conn.

Aprons (Condenser)

Norwich Belt Mfg. Co., Norwich, Conn.

Aprons (Flange)

Boston Belting Co. (For Ore Concentrating Machines, etc.), 256 Devonshire, Boston, Mass., & 100 Reade, N. Y.

Aprons (Leather)

(See Apron Leather, Aprons, etc., under head of Textile Machinery, Supplies, etc.)

Aprons (Mechanics')

Walters, Wm. P. Sons (Duck), 1233 Market, Phila., Pa.

Aprons (Paper Mill)

Boston Belting Co. (Rubber), 256 Devonshire, Boston, Mass., & 100 Reade, N. Y.

Aprons (Rubber)

Boston Belting Co., 256 Devonshire, Boston, Mass., & 100 Reade, N. Y.

Aquariums (Glass)

Crane Glass & Mfg. Co. (All Glass), 284 St. Clair, Cleveland, O., & 341 Hudson, N. Y.

Arbors (Drill Chuck)

Morse Twist Drill & Machine Co., New Bedford, Mass.
National Twist Drill & Tool Co. (Arbors for Shell Reamers), Detroit, Mich.
Skinner Chuck Co., New Britain, Conn.
Trevor Mfg. Co. (Chuck), Lockport, N. Y.
Whitman & Barnes Mfg. Co., Akron, O.; 111 Chambers, New York; Chicago, Ill., & Syracuse, N. Y.

Arbors & Spring Colletts

Brown & Sharpe Mfg. Co., Providence, R. I.
Whitney Mfg. Co., Hartford, Conn.

Arc Deflectors for Controllers

Reconstructed Granite Co., 14 Dey, New York. Works. Norristown, Pa.

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(Fellows of the American Institute of Architects are indicated by a *.)

(Firms who describe themselves as Architects and Builders are indicated by the following marks: §†.)

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BIRMINGHAM—Breeding & Whilden, Watts bldg
Bruce Architectural Co., Steiner bldg
Chamberlin, W. & Co., Chalifoux bldg
Helmich, D. A., 218 21st
McClain, J. W., 2109 1st av
Maddox & Co., 118 1-2 N 19th
Miller & Martin, Hood bldg
Reamer Bros. Title & Guarantee bldg
Spink, W. E., Guarantee bldg
Turner, J. C. & Co., Woodward bldg
Ullman, S. M., Chalifoux bldg
Walter & Ryan, 2019 1st av
Weston, Wm. C., 1st Nat'l Bank bldg
*Wheelock, Joy & Wheelock, Steiner bldg
EUFAULA—Multhrop, R. J.
Stevens, C. A.
HUNTSVILLE—Mayhew, J. H.
MOBILE—Benz, Rudolph, 10 N Royal
Lockwood & Seymour, Pollack bldg
Rogers, Geo. B., Fidelia Club bldg
Watkins & Hutchinson, 82 St. Francis
MONTGOMERY—Ausfeld & Chapman, Moses bldg
Lockwood, Franklin, 102 Church
Smith, B. B., Moses bldg
SELMA—Long, C. G.
TUSCALOOSA—Donoho, C.

ARIZONA.

BISBEE—Prindle, Harry Edward
PHOENIX—Gregg, A. W., O'Niel blk
Grosvener, George Leal
Millard, D. W. & Son
Norton, W. R.
TUCSON—Trost & Rust

ARKANSAS.

FORT SMITH—Hoffman & Blakely, 801 1-2 Gar av
Klingensmith, A., 52 1-2 Gar av
Skidmore, J. S.
HOT SPRINGS—Van Patten, S. P.
LITTLE ROCK—Gaskill, J. W., Masonic Temple
*Gibb, Frank W.
*Mann, Geo. R.
Thompson, Chas. L., Arkansas bldg
PINE BLUFF—*Cook, Edwin W.

CALIFORNIA.

ALAMEDA—Denke, A. Reinhold, 1400 Webster
†MacRae, Chas. W., 2315 Encinal av
BAKERSFIELD—McDougall, B. G.
BERKELEY—Hargraves, A. E.
Howard, J. G.
Jordan, C. R., 2149 Center
CORONA—Kroonen, Leo.
FRESNO—Harrold, Thos. R., Green blk
McDougall, Benj. C., Patterson bldg
Swartz, A. C., Fisk bldg
Thomas, Harry A., Patterson bldg
GILROY—Campbell, C. L.
HAYWARDS—Moran, Thos.
HERALDSBURG—Terry, J. W.
LONG BEACH—Starbuck, Henry E.
LOS ANGELES—Allen, Wm. H., Frost bldg
Ashby, G. H., Stimson blk
Austin, Jno. C., Douglas bldg
Benton, A. B., 114 N Spring
Blackmann, C. H. E., Byrne bldg
Bradbeer, James H., Wilcox bldg
Brinkoff, C. H., 454 Stowell blk
Brown, C. H., 516 Stimson blk

Burnham & Bliesner, Douglas bldg
Burton, J. Lee, Stowell bldg
Costerisan, Geo. F. & Son, 324 Stimson blk
Dennis & Farwell, 414 Currier bldg
Dorn, Fred R., Douglas bldg
Edelman, A. M., 233 S B'way
Ehlers, P. W., Currier bldg
Eisen, Theo. A., 424 Stimson blk
Elder, C. A., 138½ S Spring
Fitzhugh, Thornton, Laughlin bldg
Garrett & Bixby, 310 Currier bldg
Greene & Greene, Grant bldg
Haley, A. L., Henne bldg
Heinlein, Fred, Copp bldg
Hudson & Munsell, Stimson bldg
Hunt, Myron, 406 S Spring
Krempel, J. P., 415 Henne blk
Marsh & Russell, Byrne bldg
Martin, M. P., 112 Henne blk
Moore, Lester S., Tajo bldg
Morgan & Walls, Farmers' & Merchants' Bank bldg
Neisser, E., 329 Byrne bldg
Norton, S. T., Wilcox bldg
Palmer, F. E., 999 W 32d
Parkinson, John, 606 Laughlin bldg
Parmentier, F., Grant bldg
Patterson, H. M., O. T. Johnson bldg
Pierce, Osborne, J., 1317 Catalina
Preston, Thos., Currier bldg
Preston & Sheehorn, Henne bldg
Riccard, Geo., 820 Calif
Roehrig, Frederick L., 404 Byrne bldg
Rosenheim, Alfred F., Hellman bldg
Shattuck, Chas. E., Mason bldg
Skilling, C. F., Byrne bldg
Smith, A. C., Capp bldg
Stewart, H. W., 1330 Sautee
Thompson, G. P., 1231 Ingraham av
Train & Williams, 254 S B'way
Tyler, F. M., Laughlin bldg
Valk, L. B. & Son, 325 Stimson blk
Voelkel, G. G., 847 E 20th
Wackerbarth, A., 160 N Los Angeles
Wizen, Theo.
Wyman, G. H., Henne bldg
Young, R. B., Lankershim blk

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Lobdell, Frank

NAPA—Corbett, W. H.
Turton, L. M.

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OAKLAND—Arnold, Sam'l, 1116 Wash'n
Conant, John, 1055 B'way
Cook, Christopher M., 1003 B'way
Coplin, Alber D., Bacon bldg
Dickey, D. W., Macdonough bldg
McCall, C. M., 462 1-2 13th
Marshall, J. S., High c E 14th
Matthews, W. J., 969 B'way
Mau, C. F., 957 B'way
Newson, T. D., 906 B'way
Schetzel, M. P., 906 B'way
Silsbee, F. J., 858 1-2 20th
Smith, A. W., 1004 B'way
Soderberg, Fred, Syndicate bldg
Weilbye, W. H., 510 18th

ORANGE—Bradshaw, C. B.

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Walker, R. H.

PASADENA—Allen, F. E.
Blick, Jas.
Buchanan, Chas. W.
Driscoll, Chas. F.
Edwards, W. B.

PLEASANTON—Weilbye, J. L.

POMONA—Davis, Ferdinand
Wolfe, Chas. E.

REDLANDS—Harris, F. T.

SACRAMENTO—Campbell, Alden W., Casey bldg
Herold, R. A., Stoll blk
Schardin, F. H., 610 K
Seadler & Hoen, 610 K

SAN BERNARDINO—Goff, Thos. Hargrave

SAN DIEGO—*Hebbard & Gill
Quayle, Wm.

SAN FRANCISCO—Anderson, Isaac, Claus Spreckles bldg
Armitage, Wm. H., 212 Sansome
*Babson, Seth, Phelan bldg
Banks, W. O., 126 Kearny
Barnett, A. J., 809 Market
Barrett, Chas. H., 508 California
Barth, Hermann, 508 Montg'y
Behrnd, Gustav A., 386 Sutter
Berger, Gabriel A., 126 Kearny
Blaisdell, Nathaniel, 222 Sansome
Bliss & Faville, Crocker bldg
Boese, F. D., 206 Kearny
Bugbee, Maxwell G., 330 Pine
Burnham, D. H. & Co., 411 California
*Cahill, B. J. S., Donohoe bldg
Carey, Jno. W., Flood bldg
Cebrian, John C., 114 Montgomery
Clinch, Bryan J., 510 Montgomery
Colley, Chas. J., 809 Market
Collischoun, Otto, 150 New Montg'y
Copeland & Pierce, 126 Kearny
Coxhead & Coxhead, 120 Sutter
Cunningham & Politeo, Academy of Science bldg
*Curlett, Wm., Phelan bldg
Curtis, John M., 126 Kearny
Cuthbertson, W. J., 2565 Market
Daley, Robert H., 232 Stockton
Day, Clinton, 135 Geary
Deane, Lionel, 369 Sutter
Devlin, Chas. J. I., 927 Market
Dodge & Dolliver, 206 Sansome
Dunn, J. F., Claus Spreckels bldg
Everett, Oliver, 126 Kearny
Farr & McCrea, Rialto bldg
Flugger, Jno. C., 1095 Market
Forsyth, J. W., 927 Market
Frasier, Emory M., Callaghan bldg
Freeman, J. Eugene, Safe Deposit bldg
Gardner, Louis M., 408 Stockton
Garin, E. A., Hayward bldg
Geilfuss, Henry & Son, 120 Fulton
Godart, Jules, 307 Sansome
Harris, Harvey E., Jr., 508 B
Hart, Ralph W., Mills bldg
Hatch, Jno. D., Parrott bldg
Havens & Toepke, 55 Flood bldg
Haynes, Chas., Chronicle bldg
Helbing, Wm., Flood bldg
Hemenway & Miller, Hearst bldg
Hermann, Emil A., 120 Sutter
Hind, W. G., 26 Montg'y
Holmes, E. L., 230 Montg'y
Howard, Geo. H., 307 Sansome
Hyde, E. W., Chronicle bldg
John & Zimmerman, Emma Spreckels bldg
Keenan, Chas. J., 300 Webster
Kidd & Anderson, 410 Kearny
Knowles, Wm., 234 Post
Koenig, Wm., 120 Sutter
*Kollofrath, Edmund, 933 Market
Krafft, Julius E., 819 Market
Lenzen, Theo. W., 927 Market
Littlefield, J. H., 126 Kearney
Lutgens, A. C., Crossley bldg
Lyon, Moses J., 206 Kearny
McCarthy, Thos., 809 Market
McDougall Bros., 330 Pine
Maggs, Herbert B., 36 Flood bldg
Mahoney & Ryland, Clunie bldg
Maritzen, August, 927 Market
Marquis, Alexander W., 927 Market
Martens & Coffey, 809 Market
Mathews, Edgar A., 234 Post
Maybeck & White, 307 Sansome
Meussdorffer, Conrad, Parrott bldg
Meyer & O'Brien, Crossley bldg
Meyers & Ward, 532 Market
Miller, Jas. R., Crossley bldg
Miller, Washington J., Hearst bldg
Milwain, Alex. M., Academy of Science bldg
Mitchell, Harold D., 14 McAllister
Mooser & Bolles, 44 Geary
Murphy, Cornelius C., 2207 Green
Nevins, Mrs. K. L., Parrott bldg
Newsom & Newsom, Parrott bldg
Nordin, August, 927 Market
Oates & King, 6 Eddy
O'Brien, Smith, Crossley bldg
O'Brien & Werner, 18 Montg'y
Oliver, D. Franklin, Rialto bldg
Paff, Charles, 40 Montgomery
Page, Geo. W., 1312 Market
Pare, Aime, 420 Montgomery
Pattiani, A. W., The Empire
Pelton, Jno. C., Crocker bldg
Pissis, Albert, 307 Sansome
Porporato, Jno. A., 330 Pine
*Reid Bros., Claus Spreckels bldg
Remmel, B. E., 328 Montg'y
Righetti & Kuhl, 510 Montg'y
Ross, Thos. Paterson, Mutual Life bldg
Rousseau, Chas. J., 916 Market
Rousseau & Son, 927 Market
Rowell, Jos. W., Rialto bldg
Salfield & Kohlberg, 339 Kearny
Sawyer, Houghton, 606 Sutter
Schmuckert, Hy. R., 539 Castro
Schnaittcher, Sylvain, 206 Kearny
Schroepfer, Albert, 503 California
Schulze, Henry A., Hayward bldg
Schwerdt, Philip, 927 Market
Seadler & Hoen, Flood bldg
Selson, Henry, Clunie bldg
Shea & Shea, 26 Montgomery
Skidmore, Chas. H., 222 Sansome
Smith, W. F., 206 Sansome
Stone & Smith, 927 Market
Sutton & Weeks, 510 Montg'y
Tharp, Newton J., 131 Post
Tobey, Curtis, Jr., 508 California
Van Trees, Frank S., Crocker bldg
Vogel, Edw. J., Claus Spreckels bldg
Voorhees, F. D., 421 Market
Welsh, Jas. J., 95 Flood bldg
Welsh, Michael J., 2970 22d
Welsh, T. J., Flood bldg
White, Robert H., 104 Flood bldg
Willcox, Wm. H., 121 Geary
Wilson, C. R., 126 Kearny
Wood, Fred B., 2211 Steiner
Wright & Polk, 124 Sansome
Wythe, Wilson, 927 Market
Young, Edw. E., Mills bldg
Zwierlein, Casper, 1626 Grove

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SAN JOSE—Binder, Wm., Auzerais bldg
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Lenzen, Jacob, 75 E St. Clara
Lenzen & Son, 110 S 2d
Wolfe & McKenzie, 63 W Santa Clara

SAN LUIS OBISPO—Phillips, W. C.

SAN RAFAEL—Schlosser, Henry

SANTA ANNA—Bithers, A. S.

SANTA BARBARA—Bagley, J. W.
Barber, P. J.
Nixon, Thos.
Wilson, Francis W.

SANTA CRUZ—Van Cleeck, E. L.

SANTA MARIA—Doom, G. M.

SANTA PAULA—Richardson, W. T.

SANTA ROSA—Patton Bros.

STOCKTON—Beasley & Beasley, 222 E Main
Oates & King, Old Salz bldg
Rushforth, George, McKee bldg

WATSONVILLE—Chambers, Alex.

COLORADO.

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Vernon, Watson
Wright & Saunders

CANON CITY—Rittenhouse, C. C.

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Douglass & Heatherington, Gazette bldg
Hastings, Frederic R., 22 N Tejon
MacLaren, T., Bank bldg
Pease, L. A., Reed bldg
Smith, A. J., 24 N Nevada

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Bailey, Howard S., 910 Equitable bldg
Bettcher, Geo. L., Mack blk
*Boal & Harnois, 100 E 16th av
Child, Wm. T., Evans blk
Cowe & Harvey, 510 Mack blk
DeCamp, Lee, 3008 Gallup av
Dryden, D. W., Temple Court
*Eberley, F. C. Architect Co., Good blk
Edbrooke, F. E. Architect Co., 510 Opera House blk
Eldridge & White, Jackson blk
Fallis & Stein, Colorada bldg
*Fisher & Huntington, Ferguson bldg
Goodnow, Franklin, Symes blk
*Gove & Walsh, 505 McPhee bldg
Hahn, Howard H., 1824 Curtis
Huddart, John J., 42 Bank blk
Huntingdon, G. W., McPhee bldg
*Kidder, F. E., 628 14th
†Kittredge & Graham, Kittredge
Lenz, Louis, Exchange bldg
McConnell, Ernest, 1643 Champa
*Marean & Norton, Dodge bldg
Maydwell, Lawrence R., 384 S Sherman av
Moorman, E. H., Majestic bldg
*Murdoch, Jas., 610 Mack blk
Paradice, F. H., Jr., Majestic bldg
Peeps, Wm. H., Continental bldg
Phillips & Hess, Jacobson bldg
Preston, C. A., 409 Equitable bldg
Pulsifer, Louise Warren, Majestic bldg
Quayle, Chas., Opera House bldg
Redding, Wm. & Son, Mack blk
Rice, Walter L., Mack blk
*Roeschlaub, Robt. S. & Son, 52 King blk
Snell, Frank S., 1517 Tremont
Sterner, Fred'k J., Jackson bldg
Straughn, W. T., 808 17th
Taylor, W. H., 22 Clayton blk
*Varian & Edwards, Nassau bldg
Wilson, Jos., Charles bldg

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Smith, Silas W.
Tiffany, J. E.

FORT COLLINS—†Cole, Edson M.
Fuller, M. W.
Garbutt, A. M.

GLENWOOD SPRINGS—Rosenberg, Theo.

GRAND JUNCTION—Boyer, J. B.
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LA JUNTA—Kranz Bros.
MORRISON—Moffat, W. A.
PUEBLO—Cochrane, J. P.
*Cooper, Francis W.
Gele, J. M.
Henderson, C. A.
Mills, P. P.
*Roe, Geo. W.
ROCKY FORD—Burnett & Richardson
SILVERTON—Dale, Chas.
TRINIDAD—Rapp, J. H. & W. M.

CONNECTICUT.

BRIDGEPORT—Beardsley, C. T., Jr., 155 State
*Briggs, Warren R., 946 Main
Cooper, Fred'k A., 1106 Main
Howe, H. A., Jr., 211 State
Lambert, Hy. A., 1 & 2 Warner bldg
Meloy & Beckwith, 23 P. O. Arcade
Northrop, Jos. W., 211 State
O'Brien, Jos. A., 211 State
Southey, Ernest G., 1005 Broad
DANBURY—Burnett, Jno. L.
Osborn, Peter M.
Sutherland, Phillp
DERBY—Reilly, Dennis E.
GREENWICH—Smith, Fred'k G.
HARTFORD—Allen, Isaac A., Jr., 904 Main
Bayley & Goodrich, 78½ Church
Becker, Willis E., 847 Main
*Brocklesby & Smith, 36 Pearl
Curtis, T. Alden, 783 Main
Davis & Brooks, 49 Pearl
Dwyer, John J., 78 Turnbull
Gerstel, Mex, 756 Main
Gilbert, George H., 67 Willard
*Hapgood, Edw. T., 141 Turnbull
Johnson, Wm. D., 26 State
*Keller, Geo., 11 Park Terrace
McCarty, John J., 92 Pearl
§Newton, Thos. & Co., 79 Pearl
O'Donohue, M., 87 Hawthorn
§Scoville, A. W. Construction Co., 902 Main
§Scoville, William H., 720 Main
Sellew, Burton A., 730 Main
Whitmore, Chas. O., 75 Pratt
Zunner, Geo., 756 Main
MERIDEN—Bloomfield. David, 129 State
Jones, H. M., 6 Palace blk
MIDDLEFIELD—Sibley, H. A.
NEW BRITAIN—Cadwell, Wm. H.
NEW HAVEN—Brown & Van Beren, Exchange bldg
Perry, Wm. C., 23 Church
*Robinson, Leoni W., Exchange bldg
Williams, Richard, 82 Church
NEW LONDON—Donnelly & Hazeltine, 94 State
Fournier, Chas. E., 175 Bank
Leadbeater, S. D., 55 Willets av
Sweeney, James, 80 State
NORWALK—(See South Norwalk)
NORWICH—Cudworth & Woodworth, Cadden bldg
Hiscox, James A., 37 Franaklin
Pitcher, Geo. E., 49 Shetucket
Preston, C. H., 43 B'way
PUTNAM—Kelley, C. H.
SOUND BEACH—Frost. Harry Carrington
SOUTH NORWALK—Hoyt, D. E.
Knapp, William S.
Morehouse, Ferris S.
Paddock, A. N.
STAMFORD—Anderson. Clais, 812 Main
§Ennis, Jno., 144 Elm
Hallett, William T., Whitney bldg
Inslee, Gage. 387 Main
Marvin, Henry, Burlington Arcade
§Taff, Charles H., 208 Greenwich av
TORRINGTON—Waterbury, Edwin H.
WALLINGFORD—Becroft, William
WATERBURY—Asheim, Leonard, 65 Bank
Benedict & Walsh, 51 Leavenworth
Freney & Jackson, 51 Leavenworth
Griggs & Hunt, 51 Leavenworth
Hill, Robt. W., 1 1st av
Peck, Theo. B., 65 Bank
Smith, Joseph T., 36 N Main
WILLIMANTIC—Little, W. E.
Powell, Albert H.

DELAWARE.

GEORGETOWN—Jones. C. R.
WILMINGTON—Brinckle. William D., Equitable bldg
Hope & Tissel, 919 Market
Lyphert, E., 710 King
Thompson & Hill, Ford bldg
Rice, Edward L., Jr., 815 Market

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Blair, Edgar, 1725 H, N. W.
Bradford, Ben. B., 713 14th. N W
*Brown, Glenn, 918 F, N W
Carlyle, Frederic W., 1420 N. Y. av. N W
Clark, Appleton P., Jr., 605 F, N W
Cooper George S., 1413 G, N W
Davis, Harry B., 6th & D, N W
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*Didden, Clement A. & Son, Corcoran bldg
Fuller, Thos. J. D., 1516 H, N W
Gardner, Louis F., 15th & L, N W
Germuiller, Julius, 456 La. av, N W
Goener, Albert, Bliss bldg
Gray, W. Bruce, 1725 H, N W
Grimm, Nicholas R., 7 N, N W
Haller, Nicholas T. Co., Corcoran bldg
*Harding & Upman, 1316 G, N W
Heaton, Arthur B., 1319 F. N W
Hensey, Melville D., 1300 F, N W
*Hill & Kendall, Corcoran bldg
*Hornblower & Marshall. 1509 H, N W
Hunter & Bell, 1010 F, N W
Jackson, Frank H., 1419 G, N W
*Keferstein, Carl B., 734 15th, N W
Koss, Robt. F., 128 D, N E
*Marsh & Peter, 520 13th, N W
Meline, Louis D., 2224 R, N W
Meyers, B. Frank, Bond bldg
Mindeleff, Victor, 1642 29th, N W
Mullett, A. B. & Co., 1411 F. N W
Niernsee, Jno. R., 1533 Kingman pl, N W
Palmer, William J., 523 9th, N W
Parker, Eugene T., Treas. Dept.
Parsons, Jas. L., Jr., Lenman bldg
Plager, Wm. S., 708 F, N E
*Pelz. Paul J., Corcoran bldg
Pohl, George R., 2009 12th, N W
*Poindexter, Wm. M., 806 17th, N W
*Pyle, Frederic, 1003 F, N W
Rheurmond & Schenck, 921 F, N W
*Schneider, Ferd. T., 1110 F. N W
Schneider, T. Franklin, Bond bldg
Seibert, Samuel R., 613 15th. N W
Sherman, Lockwood & Paschal, ,1302 F, N W
Simmons, B. Stanley, 523 9th, N W
Simpson, Henry, 734 15th, N W
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Speiden & Speiden, 705 G, N W
*Stead, Robert, 906 F, N W
*Stutz, Louis F., 1637 13th, N W
Sunderland Bros., Wash'n Savings Bank bldg
Taylor, James K., Supervising Arch., U. S. Treas. Dept.
*Totten & Rogers, 808 17th
Turner, Samuel R., 626 L. N W
Vogt, Oscar G., Corcoran bldg
Von Herbulis, Albert O., 1416 F, N W
Von Leistner, Edw., 1324 N. Y. av, N W
Wagner, W. & Bro., Colorado bldg
Warner, Jas. H., Corcoran bldg
Webb, C. Edgar, Waarder bldg
Webster, Wm. L., 23 Va. av, S W
Wenig. Julius, 655 N. Y. av, N W
Weyl, Max, Corcoran bldg
Wood, Donn & Deming, 808 17th, N W
Young, Edw. W. O., 1013 18th, N W
Youngs, Warren W., 200 8th, S W

FLORIDA.

DADE CITY—Roberts, A.
DE LAND—Davis, M.
JACKSONVILLE—Bliven, J. W., Main & Duval
Camp, W. B., 20 Main
Gilkes, Arthur B., Herkimer bldg
Hawkins, J. H. W., Laura & Adam
Hillyer, Chas. E., 108 W Forsythe
Holmes, Rutledge, West bldg
Klutho, H. J., 222 W Adam
McClure & Holmes, 135 Bay
KEY WEST—Herrick, H. M.
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OCALA—McIver & Mackey
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ST. AUGUSTINE—Milburn, C. M.
TAMPA—Gasser, Paul
Jay, C. E.
Miller & Kennard
Norwood, E. H.
Parslow, A. H.
Shaw, A. L.

GEORGIA.

ATLANTA—Bertsch, J. C. (Refrigerating Arch. & Eng.), Cascade av, West End
Bleckley, H., Empire bldg
*Bruce, A. C., Eng.-Am. bldg
Butt & Morris, Century bldg
Carlton, W. & Co., Austell bldg
Carpenter, R. H., Austell bldg
Chapman, H. K., Empire bldg
Denny, W. F., Prudential bldg
*Downing, W. T., Prudential bldg
Dozier, Miss H., Peters bldg
Everett, A. F. N., Prudential bldg
Foote, G. W., 56 Inman bldg
Golucke, J. W., Temple ct
Gunn, W. R., Austell bldg
Hecker, J. H., Austell bldg
Jones, L., 2 Century bldg
Jones, R. L., Austell bldg
Laine, Geo. W., Peters bldg
*Morgan & Dillon, Prudential bldg
*Norrman, G. L., 845 Equitable bldg
Padgett, B. R. & Son, Prudential bldg
Pugin, B. A., 345 1-2 Peachtree
Sheffield, O. H. & Co., Austell bldg
Smith, C. Walter, 4th Nat'l Bank bldg
Stewart, Geo .W., Prudentlal bldg
Tyler, H. N., Prudential bldg
Walker, H. L., Empire bldg
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Goodrich, Lewis F.
Macmurphy & Story
Turner, J. C.
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COLUMBUS—Dudley, J. F., 1243 6th st
Shaw, F. Gordon
Smith, T. W.
MACON—Blair, Alexander
Dennis, P. E.,
Denny, W. F.
Ellis, C. R.
Wodruff, D. B.
ROME—Barnwell, J. G.
SAVANNAH—Kops, J. deBruyn, Board of Trade bldg
Nevit, John J., Board of Trade bldg
Steinacker & Co., 35 Drayton
Sugden, Percy, Mer. Nat'l B'k bldg
Urban, Henry, Provident bldg
Witcover, H. W., 5 Bull

HAWAIIAN ISLANDS.

HONOLULU—Dickey & Newcomb
Gill, T.
Howard & Train
Kerr, H. L.
Pinkham, W. E.
*Traphagen, Oliver G.

IDAHO.

BOISE—Cartee, Ross
Tourtellotte, J. E. & Co.
Vernon, Watson
Walker, J. Flood
Wayland & Fennell
LEWESTON—McCollough, Ernest
POCATELLO—Samurs, W. A.

ILLINOIS.

(Licensed Architects of Ill.)

ALHAMBRA—Oswald, Fridolin
Oswald, F.
ALTON—Marland, Andrew S.
Nixon, U. S., Bell & 3d
Pfeiffenberger, Lucas, 102 W 3d
ANNAWAN—Hay, Mark
ATKINSON—Chapler, Elijah C.
Miller, Wallace L.
AURORA—Malmer, Eugene, 249 Grove
Mulvey, Jos., Brady blk
Worst & Shepardson, 341 Coulter blk
AUSTIN—Drummond, Wm. E., 510 N Central av
BELLEVILLE—Rubach, Otto W.
BLOOMINGTON—Bullard, Robt. A., Eddy bldg
*Miller, Geo. H., Corn Belt B'k bldg
Moratz, Paul O., 1st Nat'l B'k bldg
Pillsbury, Arthur L., Griesheim bldg
CAIRO—Jenkins, John S., 1006 Commercial av
Kelly, Daniel M., 1916 Commercial av
Kusener, Casper, 1916 Commercial av
CARTHAGE—Payne, George W. & Son

CHAMPAIGN—Brown, Seely, 411 W University av
English, Edw. C., Jr., Ahrens bldg
Spencer & Temple, I. O. O. F. bldg
Vredenberg, Hacheleah, Illinois bldg
CHARLESTON—Maxwell, Benj. R., 411 Harrison
Mitchell, Chas. D., 16 6th
CHICAGO—Abbott, Frank B., 225 Dearborn
*Adams, Chas. R., 80 Dearborn
Adler, Abraham K., Monadnock blk
*Ahlschlager, Fred, 70 La Salle
Allison, Lyman J., 115 Dearborn
Alloway, Wilmore, Marquette bldg
Almquist, Carl M., 112 Clark
Alschuler, Alfred S., Monadnock blk
Anderson, Peter W., 1335 Belmont av
Astingstall, Sam'l G., Rialto bldg
Atchison & Edbrooke, 90 Washington
Bacon, Francis T., 1 Park Row
Bannister, Geo. S., 1801 W 100th
Barfield, Wm. G., 87 Washington
Barthel, Julius Bernard, 79 Dearborn
Barrett, Fred L., 2147 N Robey
Barthel,Julius Bernard, 79 Dearborn
Barton, Francis M., Royal Ins. bldg
*Beaumont, George, 115 Dearborn
*Beers, Minard L. & H. P., 218 LaSalle
Beiler, Henry P., 268 E North av
Belden, Edgar S., 204 Dearborn
Bell, Theodore N., 134 Vanburen
*Beman, Solon S., 135 Adams
Bennett, A. T., 1442 Lexington
Benson, Edw., 1779 N Clark
*Berlin, Robt. C., 131 La Salle
Berndt, F. J. J., 245 Seminary av
Bessler, Edw. W., 820 W 12th
Betto, Henry A., Hathaway bldg
Beyer, Oscar, 2503 N Ashland av
Bishop, Thos R., 113 Adams
Blair, Wm. W., 226 LaSalle
Bloedner, Gustav, 630 Hadden av
Blondin, Edward A., 5459 State
Boari, Adams, 17 Van Buren
Borst & Hetherington, 100 Wash'n
Bowen, Howard, 218 La Salle
Bowes, Fred'k Wm., 1525 N Central Park av
Brabant, Frank J. E., 79 Dearborn
Brandt, Berkeley, 19 Jackson boul
Branitzky, Wm. T., 79 Dearborn
Bright, J. F., 2563 N 41st
Brinkmann, Wm. J., 163 Randolph
Brinsley, Herbert G., 909 Jackson boul
Brodhag, Louis, 84 La Salle
Brodhag, Louis R., Jr., Hamilton Court
Brompton, Jos. C., Masonic Temple
Brooks, Thos. M., International Harvester Co.
Brookes, Wm. J., 184 E 37th
Brown, Arthur G., 184 La Salle
Brueckner, Carl Louis, 152 E North av
Bush, Chas. E., 24 Borden blk
Buck, Lawrence, 218 La Salle
Buck, Niels & Co., 125 La Salle
Buckley, Asbury W., 26 Vanburen
Buerger, Albert, Jr., 1533 S 42d av
*Burnham, D. H. & Co., Railway Exchange bldg
Burns, James, Clark c Wash'n
Burtar & Gassmann, 138 Wash'n
Butts, Julius A., 370 S Paulina
Charvat, Anton, 547 Blue Island av
Chubb, John D., 112 Clark
Church, Myron H. & Walter S., 204 Dearborn
*Clay, Wm. W., 218 La Salle
*Cobb, Oscar, 85 Dearborn
Coffin, Arthur S., 109 Randolph
Cohen, Isadore, Monadnock blk
Colcord, Albert E., 108 Dearborn
Cole, Arthur W., 204 Dearborn
Cowles, Wm. D., 131 La Salle
Crowen, Samuel N., 85 Dearborn
Danielson, John L., 624 Alma
Davis, Zechary T., 79 Dearborn
Dawley, Wm. S., 355 Dearborn
Dean, Arthur R. & Geo. R., 218 La Salle
DeMoney, Frank O., 144 La Salle
Dibelka, James B., 79 Clark
Dinkelberg, Fred'k, Railway Exchange bldg
*Doerr, J. F. & J. P., 138 Wash'n
Dornfeld, J. F., 134 Vanburen
Dorr, John, 1720 Langley av
Dowling, Edw. F., 140 Dearborn
Drake, Wm. H., 112 Clark
Duesing, Theo., 1293 W 22d
Dunean, John, 91 Dearborn
Dunning, N. Max, Association bldg
Dwen, Robt. G., 171 La Salle
Eckstrom, C. A., 131 LaSalle
Egan & Prindeville, 85 Dearborn
Elchberg, S. Milton, 160 Wash'n
Eisendrath, Siemon B., Omaha bldg
Ender, Julius S., 355 Larrabee
Falls, Alex. S., Rookery bldg
Ferree, A. G., 6452 Union av
Field, Geo. W. E., 175 Dearborn
Fielder, Fred A., 167 Dearborn
Fischer, Fred'k Wm., 9154 Commercial av
Fischer, John B., 7455 Parnell av
Fisher, Albert J., 654 W North av
Fitch, Frank D., 889 N 43d
*Flanders, John J., 80 Dearborn
Flesch, Eugene W. P., 112 Clark
Fletcher, Robert C., 172 Wash'n
Flizkowski, John S., 1059 N 41st
Flower, Harold, Chicago & St. P. R. R. e o Chief Eng.
Foehringer, Fred'k W. L., 166 Randolph
*Foltz, Fritz, 140 Dearborn
Fortin, Jos. T., New Era bldg
Foster, Arthur, 9 Jackson boul
Fowler, Geo. J., 540 Greenleaf av
Frommann & Jebsen, 109 Randolph
*Frost & Granger, 184 La Salle
Fry, Frank L., 164 La Salle
Fyfe, Jas. L., The Rookery
Gall, Wm. F., 79 Dearborn
Garden, Frank M., 414 E Chicago
Garden, Hugh M. G., Teutonic bldg
Gardner, Horace C., Union Stock Yards, c o Swift & Co.
Garnsey, Geo. O., 185 Dearborn
Gatterdam, Fred. E., 163 Randolph
Gauger, Wm., 112 Clark
Gaul, Herman J., 172 Wash'n
*Gay, Henry Lord, 52 Dearborn
Gerhardt, Paul, Schiller bldg
Gibb, Wm. R., 169 Jackson boul
Godfrey, Horace S., Pullman bldg
Goodman, Wm. C., 1305 W Adams
Graham, Ernest R., Railway Exchange bldg
Griesser, Richard, Schiller bldg
Grotz, Chas. J., 707 Armitage av
Grussing, Geo. H., 59 Clark
Gubbins, Wm. F., 685 Ogden av
Guenzel, Louis, 59 Clark
Hale, Perley, 132 Clark
Hall, Oliver A., 510 W 44th
*Hallberg, Lawrence G., 84 La Salle
Hallstrom, Nils, 929 Roscoe
Hamilton, John L., 4720 Madison av
Handy & Cady, 172 Wash'n
Hansen, Christian O., 217 Dearborn av
*Hansen, Harold M., 88 La Salle
Hansen, Paul, 219 Winthrop av
Harned, Hy. P., 218 La Salle
Hartigan, Wm. BR, 566 Warren av
Harvey, Geo. L., 175 Dearborn
Harvey, John, 9749 Av H
Hatzfeldt, Claraence, 143 Dearborn
Hawk, Albert T., 6056 Monroe av
Hays, Harvey G., 225 Dearborn
Heeht, Albert S., 84 La Salle
Heinz, Lorenz H., 78 La Salle
Herman, Chas. F. (City Architect), City Hal
Hettich, Albert H., Security bldg
*Hettinger, John P., Jonrnal bldg
Henn, Arthur, Steinway Hall
Higgins, Francis J., 1614 Diversey boul
*Hill & Woltersdorf, 70 La Salle
Hine, Cicero, 263 Wabash av
Hodgkins, Howard G., 99 Randolph
Hoffman, H. Curtis, 663 Lexington
Hogenson, Edw. A., 264 N Hoyne av
*Holabird & Roche, 1618 Monadnock bldg
Holden, Ben E., 175 Dearborn
Holmboe, Leonhard C., e o Illinois Steel Co., So. Chicago
Holsman, Henry K., 153 La Salle
Koskins, John M., 1280 W Madison
Hotton, Bartholomew, 1241 Seminery
Houda, Jos. F., Roanoke bldg
*Huber, Julius H., 171 Wash'n
*Huehl & Schmid, 163 Randolph
Hulla, John, 84 La Salle
Hunt, Jarvis, Monadnock bldg
Hussander, Arthur, 143 Dearborn
Ingalls, Arthur R., 6558 Ross av
Jaffray, Henry S., 6249 Kimbark av
* *Jenney & Mundie, 171 LaL Salle
Jobson, C. Frank, Pullman bldg
Johnson, Oscar, 1860 N Clark
Johnston, Jos. S., 359 43d
Johnston, W. K., 184 La Salle
Jyrch, Karl E., 694 Fulton
Kable, Chas. H., 6118 Greenwood av
Kaeseberg, Frank, 770 Sheffield av
Kaiser, August, 428 S California av
Kaiser, Otto, 75 Bingham
Karbach, Chas. W., 1096 W Polk
Kelley, Irving W., 59 Dearborn
Kennedy, Geo. H., 4929 St. Lawrence av
Kilroy, Jno. G., 4623 Evans av
Kingsley, George S., 36 La Salle
Kintz, Geo. A. W., 9710 Logan av
Klewer, Wm. L., 109 Randolph
*Kley, Henry T., 214 Milwaukee av
Klucina, John, 1185 S Homan av
Knopp, Geo., 157 Michigan av
Knudson, Johan F., 801 W North av
Koll, Henry C., 77 Weed
Koster, John L., 185 Dearborn
Krausch, Walter T., 209 Adams
*Krause, Edmund R., 100 Wash'n
Krieg, Wm. G., 84 Wash'n
Kuehne, Carl Oscar, 171 Centre
Kupfer, Otto A., 371 S Paulina
Lang, Albert, 4940 Lawrence av
Lang, Fritz, 700 Milwaukee av
Lang, Louis A., 2611 N 41 et
Larmon, Philip, c o Libby, McNeil & Libby,
Lees, Wm. J., 587 E 49th U. S. Y.
Lehle, Louis, 103 Randolph
Levy, Alex. L., 112 Clark
Liedberg, Hugo J., 163 Randolph
Linderoth, S. & Co., 5844 S Elizabeth
Lindquist, Fred'k, 1408 Franklin boul
Llewellyn, Jos. C., Y. M. C. A. bldg
Lonek, Adolph, Roanoke bldg
Long, John T., 6455 Monroe av
Lovell, Sidney, 355 Dearborn
Lowden, Alex. H., 90 Wash'n
Luebbert, Otto, 65 S Clinton
Lund, Anders G., 602 W 63d
McAfee, Chas. H., 36 La Salle
McCall, Thos., 1710 Railway Exchange
McMichael, Jno., 6023 Calumget av
McMullen, Henry J., 1618 W 12th
McMurray, Oscar L., 6716 Kimbark av
Mcdonald, Fred'k J., 755 W 63d pl
Mahaffey, David, 84 La Salle
Maaher, Geo. W., 218 La Salle
Mahoney, Marion L., 281 W Adams
Mann, MacNeille & Lindberg, 9 Jackson boul
Marble, Oliver W., Stock Exchange bldg
Marshall, Benj. H., 28 Jackson boul
Marston, Louis H., 491 43d
*Matz, Otto H., 78 La Salle
Maurer, William, 668 Augusta
Mayo, Ernest A., 204 Dearborn
Mead, Dan'l W., 1st Nat'l Bank bldg
Meissner, Henry, 92 N Central pk av
Metcalf, John S. Co. (Grain Elevator, etc.), Women's Temple
Miller, Jos. A., 59 Clark
Miller, William C., 69 S 41st av
Mitchell, LoLuis M., 145 La Salle
Molitor, Jos., 160 Wash'n
Monell, Frederic D., 4420 Langley av
Moorehouse, M. J., 702 Fisher bldg
Morey, Arthur G., 125 La Salle
Mosher, E. Bradford, 5830 Rosalie Court
Moulton, Geo. M., Fisher bldg
Mueller, Herman, 561 S Ashland av
Mullay, Thos. H., Monadnock blk
Murphy & Camp, Fisher bldg
†Neebe, Jno. K., 598 W Chicago av
†Neebes, Geo. S., 3823 Forest av
Nelson, Edw. O., Tribune bldg
Nettenstrom, Joel U., 192 Fullerton av
Newberry, Robert Thorne, 184 La Salle
Newell, Frank V., 78 La Salle
Newhouse, Henry L., 4530 Prairie av
Newman, Edgar M., 108 La Salle
Newman, Wm. L., 909 Jackson boul
Nicholson, Jos. T., & Wm. A., 6541 Greenwood av
Nimmons & Fellows, 204 Dearborn
Norman, Andrew E., 610 Foster ava
Norton, Francis J., Kenmore av, Edgewater
Nothnagel, Chas. W., 914 W 67th
Novy, Ludwig, 1618 W 22d
Nyden, Jno. A., 109 Victor
O'Brien, M. G., 5406 Ridgewood
Ohlhaber, Wm., 171 Wash'n
Orr, Edward, 112 Ellsworth blk
*Otis, Wm. A., 175 Dearborn
Ottenheimer, Henry L., 109 Randolph
Packard, Allyn A., 204 Dearborn
Pagels, Wm. F., 34 Clark
*Palmer, C. M., 1207 Monadnock blk
Pashley, Alfred F., Manhattan bldg
*Patton & Miller, 140 Dearborn
Peabody & Beauley, Monadnock bldg
Pentecost, Douglas S., 2466 N Ashland av
Perkins, Dwight H., 17 Van Buren
Perkins, Fred'k W., 204 Dearborn
Pfeiffer, Geo. LL., 1621 W 12th
Phillips, Chas. A., 59 Clark
Pistorius, Henry, Tribune bldg
Pond & Pond, 17 Vanburen
Pope, Jno. F., 163 Randolph
Postle, E. E., 204 Dearborn
Poulsen, E. J., 594 N Francisco
Poulsen, Geo. F., 112 Clark
Powell, Russell B., 204 Dearborn
Powers, Horace S., 3004 Prairie av
Poyer, Max, 10536 Vincennes rd

Pridmore, John E. O., Champlain bldg
Probst, Edward, 794 Millord av
Pruyn, Wm. H., Jr., & Co., 4217 Berkeley
Purssell, Geo. H., 1311 W Monroe av
*Quackenboss, Leonard G., 108 5th av
Rae, Robert, Jr., 134 Van Buren
Raeder & Coffin, 103 Randolph
Randak, Frenk, 59 Clark
Randolph, Smith M., 138 Wash'n
Rapp, Cornelius Ward, 100 Wash'n
Rapp, Geo. Leslie, 100 Wash'n
Rautert, Fred. & Son, 163 Randolph
Reinhart, G. A., 170 Osgood
Renwick, Edw. A. (See Holabird & Roche), Monadnock blk
Reynertson, Theis, 1139 N 40th av
Rezny, Jas. B., 1340 S Millard av
Richards, Henry H., 134 Van Buren
Riegert, Emil, 74 RRacine av
Rinn, Chas., 2629 N Lawndale av
Ritter & Mott, 1433 Marquette bldg
Robertson, David, 184 La Salle
Robinson, Argyle E., 84 La Salle
Rogers, James Gamble, Ashland blk
Rogers, John A., 143 Dearborn
Rohm, Jean Baptist, 360 Armitage av
Rosenthal, Alex. B., 126 Walnut
Rouleau, Arthur, 28 Jackson boul
Roy, Franz, 275 92d
Runde, Otto, 119 Rice
Rush, A. W. & Co., Security bldg
Russel, Lewis E., 5409 Wash'n av
Rusy, Anthony F., Tribune bldg
Sandegren, Andrew, 119 Monroe
Schaub, Louis J., 717 Cambell av
Schenck, Rudolph, 157 Michigan av
Schlaeks, Henry J., Borden blk
Schmidt, Hugo, 285 Fremont
Schmidt, Richard E., 172 Washington
Schock & Swanson, 172 Washington
Schonfeldt, Frank, 1755 W 12th
Schroeder, John M., 99 Randolph
Schroeder, Wm. H., 130 13th
Schuberth, Geo. F., 568 Sheffield av
Schultz, Martin M., 678 W 17th
Schulze, Wm., 1156 Milwaukee av
Seater, Sinclair M., 105 Washington
Sellon, Geo. C., 138 Washington
Shannon, Jas. S., c o Fairbanks, Morse & Co
Shattuck, Walter F., 218 La Salle
Shaw, Howard Van Doren, 175 Dearborn
*Sheyley, Rutan & Coolidge, 84 Van Buren
*Shipman, Stephen V., 240 La Salle
Sierks, Henry R., 40 Dearborn
*Silsbee, Jos. L., 115 Dearborn
Smith, Sidney, 1686 N Black
Snyder, Edw. E., 3 Ashland boul
Sorensen, Chas. F., 648 N Claremont av
Spencer, Robt. C., Jr., 17 Van Buren
Speyer, J. & Son, 164 La Salle
Spohr, Geo. S., 132 Seigel
Spitzer, Maurice, Temple Court
Stanhope, Leon E., 184 La Salle
Stebbings, Walter L., Monadnock bldg
Steuben, Theo., 1110 Lincoln av
Stevens, C. Whitney, 109 Randolph
Stoddard, Edw. B., 130 S Homan av
Stone, Jno. R., 140 Dearborn
Strandel, Chas. A., 131 La Salle
*Strippleman, William, 153 La Salle
Sturm, Meyer J., 84 La Salle
Sturnfield, Chas. H., 1239 W 21st
*Sullivan, Louis H., Auditorium Tower
Suteliffe, John, 218 La Salle
Swern, Wm. C., 101 Wash'n
Thain, Joseph A., 3152 Prairie av
Thisslew, Chas., 451 Milwaukee av
Thomas, Wm., 163 Randolph
Thomsen, Fred'k W., 46 Seminary av
*Tilton, John N., 112 Clark
Tomlinson, Henry W., 17 Van Buren
*Townsend, Fred'k B., 218 La Salle
*Treat, Samuel A., 279 Dearborn
Turnock & Ohrenstein, 76 5th av
Van Keuren, Chas. W., 119 LaSalle
Viehle-Naess, Ivar, 829 Sheffield av
Voigt, Gustav F., 3220 S Canal
Von Holst, Herman V., Rookery bldg
Woful, Edw. E., 172 Wash'n
Wagner, John H., 107 Dearborn
Walker, Wm. E., 335 Dearborn
Walter, Wayne M., Atwood bldg
Waterman, Harrry H., 218 La Salle
Watson & Hazelton, 305 Dearborn
Weary, Chas. A., 92 La Salle
Weber, Alfred P., 172 Wash'n
Weber, Peter J., Fisher bldg
Wechselberger, J., 68 Cleveland av
Wegman, Jules F., 303 Dearborn
Wegman, Julius, 511 N Clark
Wheeler, Chas. F., 2815 W 76 Court
Wheelock, Harry B., 109 Randolph
*Wight, Peter B., 138 Washington
Wilkowski, Jos. A., 1177 N Leavitt
Williamson, Robt. B., 451 Jackson boul
Williamson, W. G., 153 La Salle
Wilmanns, A. G., 160 Washington
*Wilson, Horatio R., 218 La Salle
Wing, Thos. W., 185 Dearborn
Wittekind, Henry, 28 E Jackson boul
Woerner, Adolph, 217 Centre
Winslow, Benj. E., 5411 Ridgewood Court
Witherspoon, Jno. M., Monadnock blk
Wolf, Fred'k W., 139 Rees
Woodyatt, Ernest, 123 La Salle
Worthman & Steinbach, 625 W Chicago av
Wright, Harvey, 226 La Salle
Wright, Willis J., c o Armour & Co., U. S.Y.
York, Jno. D., 499 N State
Youmans, William A., 309 Bowen
Youngberg, John E., 218 La Salle
Zarbell, Iver C., 97 Clark
Zatterberg, Martin, City Hall
Zimmerman, A. G., Home Life Ins. bldg
Zimmerman, Hugo H., 1279 Perry
*Zimmerman, W. Carbys, 21 Van Buren
Zippwald, Otto P., 2284 N 42d Court

CLINTON—McKean, Randolph W.
COLLINSVILLE—Eberhardt, Henry W.
DANVILLE—Brown, Fredk. G., The Temple
Garrett, Urias E., 307 W Seminary
Lewis, Chas. M., Masonic Temple bldg
Liese, George C., Y. M. C. A. bldg
Ludwich, George W.
McCoy, Jno. F., First Nat'l Bank bldg
Skadden, Edw. W., 520 Sherman
Stuebe, Leon, F. W.
Whitmeyer, Mark H., 15 N Vermillon
DECATUR—Babcock, Brazillia B., 770 Johns av
McNabb, Wm. O., 403 N Main
Patterson, Melville G., Fenton bldg
Rosen, R. O., Review bldg
DELEVAN—Connell, Rich'd D.
DIXON—Vail, Morrison H.
EAST ST. LOUIS—Bartlow & Kennedy, Metropolitan bldg
Frankel, Albert B., 208 Collinsville av
Mueller, B. A., Arcade bldg
Pfeiffenberger, L. & Son, Collinsville av
Reister, Frank P., McCasland bldg
EDWARDSVILLE—Pauly, Chas. & Son, Hillsboro av
Spilman, Chas. H.
ELGIN—Abell, W. Wright, Home Bank bldg
Hoag, Smith, 36 Union
Morris, G. E.
Turnbull & Jones, room 10 McBride bldg
ELMHURST—Griffin, Walter B.
EVANSTON—Ayars, Chas. R., 605 Davis
Blake, Edgar O., 620 Davis
Nielson, Carl, G1325 Rosalie Court
Saxe, Ira C., 1303 Wash'n
FREEPORT—Dustman, Urias M.
Weary, A. C.
GALESBURG—Aldrich, Norman K.
Beadle, Jno. Grant
Wolf, Wm.
GENESEO—Okeberg, Jno. V.
GRANITE CITY—Kistner, Theo. C.
Pauley, Chas.
HINSDALE—Rawson, Lorin A.
JACKSONVILLE—Buckingham, C. W., 211 State
*Coleman & Pierson, 232½ W State
JERSEYVILLE—Embley, A. N.
JOLIET—Allen, Frank S., Allen bldg
Barnes, Jno. H., Young bldg
Boehme, Hugo, 101 Ottawa
Hoen, Rudolph G., Allen bldg
Wallace, Chas. L., Wallace bldg
Wallace, Elizabeth B., Wallace bldg
Webster, Chas. Woods, Cutting bldg
KANKAKEE—Henry, Chas. D., 26 Arcade bldg
KENILWORTH—Blair, Wm. Wallace
KEWANEE—Eklund, Henry, 218 N Tremont
KEWANEE—Eckland, Henry, 218 N Tremont
McCullough, Jno., 107 3d
LA SALLE—Matteson, Victor Andre
LINCOLN—Corwine, W. A., 203 4th
Deal, Joe Mindert, Obcamp bldg
Ginzel, Roland F.
Simpson, John A., 100 Chicago
MARION—Craine, Jas. A.
METROPOLIS—Houts, Wm. T.
MOLINE—Cervin, Olof Z., Wesel bldg
Eckerman, Oscar A.
Whitson, Milton J.
OAK PARK—Fiddelke, H. G., 210 W Lake
Fyfe, Jas. I., 417 Home av
Roberts, Eben Ezra, 101 Marion
Thompson, F. D., 111 Marion
Watson, Vernon S., 743 Fair Oaks av
Wright, Frank L.
OTTAWA—Richardson, Jason F., Jr., 3 Court House
White, Kesson, Masonic blk

PARIS—Gauntt, Newton C.
PEKIN—Saenger, Louis P.
Zimmer, Henry H.
PEORIA—Davis, Geo. H., 411 Perry av
Hewitt, Herbert E., 24 Arcade bldg
Jobst, Valentine, 517 N Adams
Kiefer, Albert, Woolner bldg
Klein, Fred'k J., Arcade bldg
Parr & Hulsebus, Y. M. C. A. bldg
Reeves & Baillie, Y. M. C. A. bldg
Shank, Jno. Adam, Observatory bldg
Todhunter, Robinson L., 818 5th av
Whitford, Sylvanus G., 915 4th av
PERU—Wachlin, Henry F.
POLO—Ruth, Thos. P.
PONTIAC—Hercules, Jacob W.
Young, Richard A.
PRINCETON—Alpaugh, Nicholas G.
Bryant, Jos. P.
QUINCY—Batschy, Jno., Wells bldg
Behrensmeyer, George P., 530 N Main
Chatten, Harvey, Wells bldg
Ledebrink, Fred C., 32 Schotts bldg
Tubbesing, Frank R., 7th, cor. Hampshire
Wood, Ernest M., 7th & Hampshire
RIVERSIDE—Ashby, Geo. Wm.
ROCKFORD—Bradley & Carpenter, Brown bldg
Schureman, David S., Price bldg
ROCK ISLAND—Drack, Leonard U., 18th & 2d av
Stauduhar, Geo. P., 318 20th
ROGERS PARK—Melin, Chas. W.
SANDWICH—Howison, Charles
SPRINGFIELD—Aschauer, C. J., 502 1-2 E Adams
*Bullard, S. A. & R. A., 5th & Capital av
*Conway, Wm. H., 104 East Side sq
Furrow, Edw., Hagler bldg
Hamilton, Frank H., City Hall
Hanes, Saml. J., Farmers' Bank bldg
*Helmle, Geo. H., 430 S 5th
Jones, Fred'k, W., Ill. Nat'l Bank bldg
Rinaker, J. I., Franklin bldg
Shinn, C. W., 714 S 5th
STERLING—Van Horne, P. T.
Wetherbee, Chas. E.
STOCKTON—Goodmiller, Preston V.
STREATOR—Allen, Alonzo W., 121 E Main
UPPER ALTON—Stelle, Oliver G.
URBANA—Boyer, Jas. Daniel, 202 S Race
Gill, R. Z., City bldg
McLane, C. D., 604 S Mathews av
Ricker, N. C., Engineering Hall
Royer, Jos. W., City bldg
White, Jas. M., Engineering Hall
WAUKEGAN—Burkhard, Paul E., 789 Grand av
Minott, Jno. E.
Worsfold, Ira A., Dodge bldg
WILMETTE—Rogers, Jno. Arthur
ZION CITY—Burkhard, Paul E.

INDIAN TERRITORY.

ARDMORE—Douglass & Douglass
DURANT—Stevens, W. A.
MUSKEGEE—Bridgman, J. E.
Studhoelter, C. G.G
SOUTH M'ALESTER—Reed, Jas. H.

INDIANA.

ALEXANDER—McGuire, Jas.
ANDERSON—Duncan & Wright
Jeckel, P. F.
La Belle, Peter
Meekel, Jno.
BEDFORD—Pritchard, Milton
BLOOMINGTON—Nichols, Jno. L. & Son
BLUFFTON—Kibele, Cuno
Powers, W. H.
BRAZIL—Steevanart, Gustav
COLUMBUS—Dunlap, E. E.
CRAWFORDSVILLE—Griffith, Geo. T., 812 W Main
Sharpe & Hoffman
CROWN POINT—Knight, F.
ELKHART—Dalrymple & Thomson
EVANSVILLE—Harris, W. J., The Rookery
Mursinna, Henry, 12 U 7th
Shopbell, Clifford, 123 U 4th
*Sehlotter, Frank J., C113 1-2 U 4th
FT. WAYNE—*Allen, F. F., 258 W. Creighton av
Kendrick, Chas. E., Flick bldg
Meyer, Henry, 108 Calhoun
Riedel, J. M. E., Schmitz blk
Weatherhogg, Chas. R., Hamilton Nat'l Bank bldg
*Wing & Mahurin, Pixley bldg
GOSHEN—Arthur, James A.
GREENSBURG—§Dillie, Edw.
HAMMOND—Bump, E. W.
Hutton, J. T.

HARTFORD CITY—Brown, J. L.
HUNTINGTON—Mohler, A. D.
INDIANAPOLIS—Allen, Layton, State Life bldg
Barber, Wm. E., 906 N East
Bartel, Samuel G., Germania bldg
Bass, Herbert L. ,Commercial Club bldg
Bates & Morris, Lemcke bldg
Bedell, Geo. V., Law bldg
*Bohlen, D. A. & Son, Majestic bldg
Brubaker, Hy. C., Jr., Aetna bldg
Brubaker, Saml. H. & Co., Stevenson blk
Bunting, G. W., 20 West New York
Church, Andrew S., 5265 Gale
*Daggett, R. P. & Co., Marion blk
Dark, Stephen C., Lombard bldg
Dupont & Johnson, State Life bldg
*Foltz & Parker, Union Trust bldg
Freys & Hastings, Central Trust bldg
Fryberger, Jno., 19 Jefferson av
Gibson, Louis H., Law bldg
Hastings, Saml. A., Lemcke bldg
Hendrickson, Henry C., Union Trust bldg
Hollingsworth, Jno. G., 419 Walcott
Krutsch, C. A. & Co., 93 Baldwin bldg
Langbein, Theo., Baldwin bldg
Martindale, Clarence, Indiana Trust bldg
Moore, W. Scott, State Life bldg
Morck, Wm. O., 51 Ingalls' blk
Mueller, Chas. G., Tallbott
Place, Homer V., 610 Highland av
Rubush, P. C. & Co., Fitzgerald bldg
*Scherrer, Adolph, Indiana Trust bldg
Staples, Wm. A., Baldwin blk
Stem, John H., Claypool bldg
Stiles & Moore, 4 Claypool bldg
Traylor, Marion H., 14 When blk
*Vonnegut & Bohn, Indiana Trust bldg
*Wallingford, Chas. A., Central Trust bldg
Wigginton, Jas. M., Ingalis bldg
Winterrowd, Thos. A., 17 Aetna bldg
KOKOMO—Bruff, James F.
LAFAYETTE—*Alexander, Jas. F. & Son, Perrin Bank bldg, 4th & Main
Bonstra, J. A., c 4th & Columbia
§Brown, Geo. S., 306 Ferry
LAPORTE—Allen, G. W.
LOGANSPORT—Crain, Jos. E.
Horn, Carl J.
Rhodes, J. H.
MARION—Hirmeider, H.
French, Burt L.
MUNCIE—Cramer, E. M. & Son
Grindle & Byrne, 420 S Mulberry
Keelor, Geo. H., 1 Boyce blk
Westlake, Chas., S 404 E Charles
NEW ALBANY—Smith, Arthur R.
RICHMOND—*Hasecoster, John A., Colonial bldg
Kaufman, Wm. S., Kelley & Hutchinson blk
Marlatt & Dozier, Colonial bldg
Yates, Stephen O., Grand Hotel bldg
SOUTH BEND—Adelopenger, Roland, 813 Michigan av
Austin, E. R., Oliver Opera House bldg
Brehmer, C. A., American Trust bldg
Ennis, Seeber S., 208 N Main
Freyermuth & Maurer, 138 N Michigan
Schneider, W. W., 110 W Jefferson
TERRE HAUTE—Scott, Charles E., 814 1-2 Wabash av
Sherman, Jas. M., Beach Hall
Vrydagh, J. G., Naylor-Cox bldg
Vrydagh, Robt. T., McKeen bldg
TIPTON—Porter, S. J.
UNION CITY—Gettinger, W. H.
VINCENNES—Gaddis, John W.
WABASH—Risser, Christian
WARSAW—Funk, J.
Vanator, W. S.
WILLIAMSPORT—Fox, John
Lewis, P. W.

IOWA.

ALGONA—§Conner, T. H.
AMES—Connell, Richard D.
BELLE PLAINE—Lamb, Hiram
BOONE—Edwins, C. E.
BURLINGTON—Dunham, Chas. A., S 5th
Nelson Bros., Ger.-Am. Saving Bank bldg
Washburn, G. H., 53 Parsons blk
CARROLL—Hart, Sanford P.
Schaefer, P. E.
CEDAR FALLS—§Robinson, W. A.
CEDAR RAPIDS—Dieman & Fiske, Granby blk
Fulkerson, W. A., P. O. blk
*Josselyn & Taylor Co., 213 S 3d
CENTREVILLE—Staley, B. S.
CHARITON—Houghland, O. A.
CHARLES CITY—Campbell, Arthur
CHEROKEE—Stoddard, Chas.
CLINTON—Morrell, Jno. & Son
COUNCIL BLUFFS—Cox & Schoentgen
Patterson, J. F. (Speciaity Grain Elevators)
Woodward, J. C. & W.
DAVENPORT—*Clausen & Clausen, Demokrat bldg
*Hammatt, Edw. S., Whitaker bldg
Hanssen, G. A., 54 Schmidt bldg
Harfst, D. J., Schmidt bldg
Nebecker, M., Hageboeck bldg
Ross, John W., 217 Forrest blk
Spink, Chas. R., McManus bldg
Temple, Burrows & McLane, McManus bldg
DECORAH—Bucknell, Wm. S.
DES MOINES—Barton, Wm. C., Youngerman bldg
Cross. C. C. & Sons, Good blk
Eastman, C. E. Co., Observatory bldg
Hallett & Rawson, 615 Walnut
Liebbe, Nourse & Rasmussen, 724 Walnut
Parson, W. R. & Son Co., 317 E 5th
Proudfoot & Bird, Crocker bldg
Smith & Gage, 300 Youngerman blk
DUBUQUE—Baumgartner, C. H., Security bldg
Beck, Guido, 8th & Main
Carkeek, Thos. T., Lincoln bldg, 8th
*Heer, F. & Son, 325 8th
Heer, Martin, 1301 Clay
Keenan, Jno., 83 Summit
Larkin, J. P., Security bldg
Spencer, John, Bank and Ins. bldg
ESTHERVILLE—Cox, Jas. S.
Jefferis, A. M.
FORT DODGE—Albright, J. H.
Griffith, Frank W.
Reely, T. W.
HAMPTON—§Boutin, C. W.
INDEPENDENCE—Netcotte & Donnan
IOWA CITY—Carpenter, O. H., cor College & Gilbert
Fryder, Frank X., Jr., 1010 E College
Hotz, J. J., 402 E College
KEOKUK—Coles, J. H., 216 High
Hubbell, Jas. P., c 4th & Blondeau
MARION—White, L. E.
MARSHALTOWN—Prescott & Co.
MASON CITY—Beard, A. W.
Bogardus, I. O.
Fisher, Jas. E.
MUSCATINE—Zeidler, H. W.
OSAGE—Stoughton, G. A.
OSKALOOSA—Wetherell, Frank E.
OTTUMWA—Fielder, Frank, Summer's bldg
Kerns, Geo. M., Electric bldg
Koch, Ernst, Hoffman blk
Reese, W.
Teeter, Reuben, 13, 113 E Main
SIOUX CITY—Beach, Wilfred W., 721 Toy bldg
Burkhead, G. W., Iowa Sav. Bank bldg
Dickey, T. J., Morningside bldg
Eisentraut, J. P., Met blk
*Fisher, Henry, Toy bldg
WATERLOO—Murphy & Ralston
Shaw & Shaw
Stewart, John H.
Stewart, William C.
WAYLAND—Schwartz, C. K.
WEBSTER CITY—White, J. R.
WHAT CHEER—Palmer, J. N.

KANSAS.

COFFEYVILLE—Hair & Smith
EMPORIA—Squires, Chas. W.
FORT SCOTT—Gardner, J. H., Wall e of Scott av
§Keplinger, J. W., 1419 E Oak
GALENA—Anderson & Strong
GLASCO—§Dalrymple, J.
§Olmstead, J.
HAYS CITY—Wolfe, G. R.
HUTCHINSON—De Pry, D. T.
IOLA—Anderson, F. M.
Hair & Smith
KANSAS CITY—Bowman, Chas. S., 524 Minn av
Chestney, W. R., 310 N 5th
Harris, Wm. E., Portsmouth bldg
Langworthy, F. W., 425 Minn. av
LAWRENCE—Haskell, Jno. G.
Nadelhoffer, Wm.
LEAVENWORTH—Feth, Wm. P.
Wells, Geo., 414 Delaware
OSAGE CITY—Churchill, J. M.
OTTAWA—*Washburn, Geo. P. & Son
PARSONS—Kallaus, J. A.
PITTSBURG—Munn, C. J.
†Seeley, J. H. & Co.
SALINA—Crawford, C. D., 117 S 7th
Jones, A. E., 122 S 7th
Wilmarth & Zerbe, 146 S Santa Fe av
TOPEKA—Hadley, H. M., 501 Jackson
*Haskell, J. G., 112 E 5th
Holland & Squires, 734 Kansas av
Lescher, Theo. H., 920 Monroe
Marshall, Joseph, 1004 Kansas av
*Stanton, J. F., 112 E 5th
Traver, F. M., 915 N Polk, N Topeka
Wood, L. M., 629 Kansas av
WAMEGO—Chadwick & Rawson
WICHITA—Christ, John J., 128 N Main
Dumont, Elbert, 117 Main
Hunter, Leon A.
Simms, J. A., 1732 Ida av
Parsons, F. F.
WINFIELD—Van De Water, J.

KENTUCKY.

BARDSTOWN—Stanley, O.
BOWLING GREEN—Fleenor, C. M.
Underwood, Robert
COVINGTON—Ashley, E. H., 1053 Scott
Dohrmann, Geo. F., 17 E 18th
Schofield & Rabe M,adison av & 6th
CYNTHIANA—§Stevens, Joseph R. & Co.
FRANKFORT—Oberwarth, Leo L.
HARRODSBURG—Tebbetts, C. H.
HENDERSON—Trible, E. S.
HOPKINSVILLE—Long, James L.
LEXINGTON—Aldenburg, H. W., 99 E Main
*Rowe, H. L., Northern Bank blk
Smith, Frank L.
LOUISVILLE—Albus, E. E., 2411 Montg'y
*Clarke & Loomis, 502 4th
Collins, Val. P., 515 4th
Curtin, C. A., Columbia bldg
Davis, Briton B., 312 W Chestnut
Dodd, W. J., 600 Equitable bldg
Erhart, Fred., 358 4th
Gaffney, J. J., 455 W. Jeff.
Halienberg, Adolph, 633 4th
Howes, H. F., Columbia bldg
Hutchings, J. B., Columbia bldg
M'Donald & Sheblessy, 349 W Main
*Maury, Mason, Board of Trade bldg
Meyer, Chas. D., Keller bldg
Murphy, D. X. & Bro., 250 5th
Reuter, O. P., 455 W Jeff.
Shryock, C. G., 418 Centre
Thomas & Bohne, Keller bldg
Wilson, M. Q., 5th c Main
Wolters, Henry, Am. Nat. Bank bldg
MT. STERLING—Williams, E. L.
NEWPORT—Glilck, Jacob
Weber, C. C.
Wilson, L. H.
NICHOLASVILLE—Askens, Samuel
Horin, E. E.
Murphy, J. H.
OWENSBORO—Whitehead, J. M.
PADUCAH—Brainerd, William L.
*Davis, Brinton B., 227 B'way
SHELBYVILLE—*Gruber, L. H. & Sons
VANCEBURG—§Alden, Samuel

LOUISIANA.

BATON ROUGE—Goodman, B. J.
Miller, W. R., 913 N Boulevard
COVINGTON—Jenkins, Chas. & Jno. L.
JEANERETTE—Lloyd, C. B.
LAFAYETTE—Anderson, B. F.
Morton, A. E.
Nicholson, W. L.
MONROE—Voss, H. C.
NEW IBERIA—Phillips, E. W.
Southwell, W. D.
NEW ORLEANS—Andry & Bendernagel, 211 Camp
Brune, Theo., 319 Carondelet
Bryan, Andrew J. & Co., Hennen bldg
Burton, Hayward, 137 Carondelet
Charlton, Chas. H., Jr., 830 Canall
Dannenmann & Charlton, 316 Baronne
Daunis, Fred'k F., 137 Carondelet
De Buys, Rathbone E., 421 Carondelet
De Pass, M. B., 926 Pauline
Diboll & Owen (Ltd.), 217 Baronne
Diettel, Albert, 319 Carondelet
Dimitry, Ernest L., Pelican bldg
Drennan, A. W., 211 Camp
Farrot & Livaudais, 839 Gravier
*Fitzner, William, 215 Carondelet
Fulham, Wm. F., 4319 Baronne
Geary, Jas., 327 Carondelet
Graveley, Frank P. & Co., 320 Carondelet
Hay, Alex., 421 Carondelet
Kaiser, Wm. P., 215 Carondelet
Koch, Julius, 219 Carondelet
Lagasse, Paul, 826 9th
McCarthy, Richard, Jr., 840 Union
McNally, Jno., 316 Baronne
Maas, Albert W., 337 St. Charles

MacKenzie, H. Jordan, 211 Camp
Orr, Adloe, 316 Baronne
Palestine, Robt., 830 Canal
Reynes, Chas. J., 319 Carondelet
Sicard, Chas. A., Hennen bldgl
Soule & MacDonnell, Hennen bldg
Stone Bros., 818 Common
Sully, Thomas, 107 Camp
*Toledano & Wogan, 830 Canal
Weil, Emile, 219 Carondelet
Williams, C. Milo, 337 St. Charles
Wilson, C. Lewis & Co., 211 Camp
SAINT CHARLES—Carter, I. C.
SHREVEPORT—Allen, N. S.
Armstrong, A. J.
Kendrick, M. M.
Milner, T. P.
Perry, Bridges & Snyder

MAINE.

BANGOR—Davis & Hodgkin
Mansur, W. E., 6 Broad
BAR HARBOR—Clark, J. E.
Denby, Edwin H.
Savage, Fred. L.
BATH—Rideout & Pattee
GARDINER—Blanchard, Fred. W.
LEWISTON—Coombs & Gibbs, 215 Lisbon
Miller, W. R., 129 Lisbon
PORTLAND—Burnham, George, 120 Exchange
Cunningham, J. J., 390 Congress
*Fasseett, F. H., 93 Exchange
Hunt, Enoch W., 103 Clark
Pease, Austin W., 11 Exchange
*Stevens, John Calvin, 185 Middle
Tompson, Fred'k A., 156 Free
SANFORD—Ross, William L.
SKOWHEGAN—§Chaney, H. W.
WATERVILLE—§Bowie, A. G.
Gilman, H. Lawson
YORK VILLAGE—Blaesdell, E. B.

MARYLAND.

BALTIMORE—Adams & Schwab, 7 Clay
Anderson, Chas. M., 333 N Charles
Baldwin & Pennington, 311 N Charles
Ballinger & Perrot, 104 E Lex.
Beardsley, Wm. J., 28 W Lex.
Beecher, Friz & Gregg, Catherine & Frank
*Brauns, Henry, 113 W Saratoga
Butler & Rodman, 335 N Charles
*Cassell, Chas. E. & Son, 411 N Charles
Century Arch'l & Eng. Co., 114 E Lex.
Cooper, Philip, 7 Clay
Davis, Frank E. & Henry R., 220 St. Paul
Ellicott & Emmart, 323 N Charles
Emmart, Paul, 210 W Fayette
Flagg, Ernest, 7 Clay
Forsyth, John R., 411 St. Paul
Glidden, Edw. H., Wilson bldg
*Gott, Jackson C., 218 N Charles
Haskell, Geo. C., Central Sav. Bk. bldg
Hoyt & Machintosh, 11 E Pleasant
Hunter, W. D., Builders' Exchange
Hutton, Percival, 227 St. Paul
*Kennedy, T. C., 331 N Charles
Lord & Hewlett, 520 N Charles
Lovengood, L. S., 105 E Saratoga
Mottu & White, 402 St. Paul
Owens & Sisco, 14 E Lex.
Parker & Thomas, 612 N Calvert
Simonson & Pietsch, Baltimore Am. bldg
Rowland, John R., Jr., 140 W Fayette
Shaw, Wm. H., 434 W 22d
Simonsin & Pietsch, Hoen bldg
Sperry, Jos. E., 4 E Lex.
Sperry, York & Sawyer, Builders' Ex.
Stoughton & Stoughton & W. & Hunter, 4 E Lex.
Sunderland Bros., 333 St. Paul
Taylor & Knowles, 11 Pleasant
Tosi, Silvio, 410 N Gilmor
White, S. Taylor, 402 St. Paul
Wilson, J. A., 303 Cortlandt
Woodruff-McLaughlin Co., 100 E Lex.
Worthington & Ahrens, 8 E Lexington
*Wyatt & Nolting, 4 E Lexington
CUMBERLAND—Sansbury, Geo. Flack
Siebert, Jno. S., Welsh bldg
FALLS CHURCH—Von Herbulis, A. O.
HAGERSTOWN—Hunter, I. A.
Rose, Louis
HAVRE DE GRACE—Woodrow, J. F.
PIKESVILLE—Watte, Albert S.
POCOMOKE CITY—Stevenson, R. M.
ST. MICHAELS—Dodson, H. C.
SALISBURY—§Mitchell, T. H.
WESTMINSTER—Case, Paul

MASSACHUSETTS

ADAMS—§Fleming, J. M., 30 Summer
ATHOL—Boyden, Mason A.
ATTLEBORO—Hyde, Karl H., 9 Horton blk
BEVERLY—Smith, W. B., 222 Cabot
Swan, Geo., 63 Lovett
BOSTON—Adden, Willard P., 12 Bosworth
Albrecht, Jno. C., 1 Amory ter
*Alden, Chas. H., Jr., Ames bldg
Allen & Collins, 6 Beacon
Ames, Jno. W., 15 Exchange
*Andrews, Jaques & Rantoul, State Mutual bldg
Appleton, Daniel, 6 Beacon
*Atherton, Walter, 13 Exchange
Atkinson William, 15 Exchange
Atwood, Harrison H., 61 Alban, Dor
Austin, Chas. D., 62 Devonshire
Avery, Geo. A., 6 Beacon
Bacon, Willard M., 27 Kilby
*Bacon & Hill, 27 School
Barker, Edw. T., 5 Park sq
Bartlett, J. Gardiner, 14 Kilby
Bateman, C. J., 12 Pearl
Beal, C. R., Tremont bldg
Beal, J. William, 84 Summer
Benton, Edward R., Equitable bldg
Berry, J. Lawrence, 6 Beacon
Besarick, Harry J., 185 Summer
Besarick, John H., 185 Summer
Besarick, Wm. H., 13 School
*Blackall, C. H., 1 Somerset
Blaikie, Edwin K., 15 Court
Blaisdell, Frank M., 8 Brattle sq
Blakeslee & Andres 178 Devonshire
Bodwell, Albert E., 85 Water
*Boston Society of Architects, 14 Somerset
*Bourne, Frank A., 70 Kilby
Bowditch & Stratton, 7 Water
Boyden, Ernest N., 85 Water
Brainard, Leeds & Russell, 8 Beacon
Briggs ,Luther, 15 School
*Brigham, Chas., 100 Falmouth
Brigham, Chas. A., 8 Exchange pl
Briscoe, H. F., 1 Somerset
Brown, Chas. A., 120 Boylston
Brown, Frank C., 9 Park
Brown, J. Merrill, 153 Milk
*Brown, Samuel J., 164 Federal
Brown, Willard D., 3 Park
Buss, Edward A., 85 Water
Capen, G. Walter, 179 Summer
*Chandler, Jos. Everett, 2 A Park
Chapman, E. R. B., 101 Tremont
Chapman, Josephine W., 8 Acorn
*Chapman & Frazer, 8 Exchange pl
Chickering & O'Connell, 18 Boylston
Clark, Eugene L., 50 Bromfield
Clark, Geo. A., 101 Tremont
Clark, Henry P., 110 Tremont
Clark, Theodore M., 15 Beacon
Clark & Russell, 110 Tremont
Clarke, G. R., 28 School
Clarke, Wm. E., 15 Court sq
Clough & Wardner, 53 Tremont
Cobb, A. W., 34 Oliver
Cobb, J. F., 14 Kilby
*Codman, Stephen, 31 Beacon
Cogswell, Chas. N., 1 Beacon
*Coit, Robert, 85 Water
Collett, Wm. C., 50 Broomfield
Connor, Geo. P., 50 Alexander, Rox
*Coolidge & Carlson, 22 Congress
Cooper & Bailey, 95 Milk
Couch, Lester S., 70 Kilby
*Cram, Goodhue & Ferguson, 15 Beacon
Crosby, G. Fred., 76 Studio bldg
*Cummings, Chas. K., 45 Kilby
Cutter, Olin W., 683 Atlantic av
*Darrow, Alfred L., 113 Devonshire
Davidson, H. E., 6 Beacon
*Dennett, Hartley, 16 State
Despradelle, D., 382 Commonwealth av
Dillaby, Frank H., 101 Tremont
Dinsmoor, Wm. W., 28 School
Dodge, Edwin S., 1 Somerset
Dunham, C. B., 6 Beacon
*Dwight & Chandler, 31 Beacon
Dykeman, W. A., 105 Federal
*Eastman, C. H., 120 Tremont
*Emerson, Wm. R., 131 Tremont
Eskrigge, Frank T., 28 School
*Everett & Mead, 60 Devonshire
Faxon, John Lyman, 120 Boylston
*Fehmer & Page, 87 Milk
Fernald, Geo. P., 70 Kilby
Finneran, Geo., 3189 Wash'n
Fisher, Richd. A., 8 Beacon
Forbush, W. R., 101 Tremont
Fowler, J. Chandler, 68 Devonshire
Fowler, J. Sumner, 19 Milk
Fox, Benjamin, 16 State
*Fox, Jno. A., 120 Tremont
Fox & Gale, 120 Tremont
Frink, A., 50 Broomfield
Fuller, Geo. A., Tremont bldg
Gay & Proctor, 21 Bromfield
Goodwin & Siter, 8 Beacon
Gould, Aaron H., 43 Milk
Gould, A. Warren, 1 Somerset
Gowing, F. H., 6 Beacon
Gray, Arthur F., 53 State
*Greene, Jos. T., 12 Pearl
Greenleaf, L. C., 101 Tremont
Griffin, Tristram, 114 State
Guppy, Geo., 9 Acorn
*Hale, Herbert D., 15 Exchange
Hall & Kimball, 101 Tremont
Hamilton, Bradford, 178 Devonshire
Harding, Wm. E., 24 York
Hartwell, Richardson & Driver, 62 Devonshire
Hasty, Jno. A., 68 Devonshire
Hathaway, H. W., 6 Beacon
Haynes, A. F., Tremont bldg
Henderson, Walter P., 45 Kilby
Hettinger, C. F. & Co., 1140 Columbus av
Hinds, Fred S., 19 Milk
Hodgdon, Chas., Ames bldg
*Howard, P. B., 45 Kilby
Howe, Geo. B., 15 Beacon
Howe, Lois L., 717 Tremont bldg
Hoyt, Clarence P., 194 Boylston
Hoyt, Edward H., 100 Boylston
Hubert, Raymond, 1 Clifton, Rox.
Hughes, T. R., 112 Water
Hutchison, Jas. G., 3700 Wash'n, J. P.
*Ingraham, G. H., 2 A Park
Ipsen, L. S., 68 Devonshire
Jackson, Allen W., 1 Somerset
James, Thos. M., 105 Federal
*Jenney & Frost, 120 Tremont
Jones, I. Holland, 50 Congress
Jonsberg, F. F., 113 Devonshire
Kahlmeyer, Jno., 186 Devonshire
*Kelley, Jas. T., 57 Mt. Vernon
Kelley, Saml. Dudley, 209 Wash'n
*Kendall, Frank A., 53 State
*Kendall, Taylor & Stevens, 93 Federal
Kiessling, Calvin, 8 Beacon
*Kilham & Hopkins, 9 Park
Kimball, Herbert S., 101 Tremont
*Lavalle, John, 85 Devonshire
Learned W. W., 50 Bromfield
Le Boutillier, Addison B., 9 Acorn
*Lee, Jas. S., 6 Beacon
*Lewis, Edwin J., Jr., 9 Park
Lewis, G. Wilton, 14 Beacon
Lewis, Wm. Whitney, 85 Water
Libby, Frederick M., 89 State
*Little & Browne, 70 Kilby
Lockwood, Greene & Co., 93 Federal
*Longfellow, A. W., Tremont bldg
*Longfellow, R. K., Tremont bldg
*Loring & Phipps, 53 State
*Loud, Joseph Prince, 85 Water
*Lowell, Guy, Tremont bldg
Luippold, Jacob, 89 Mozart
Lummus, W. W., 4 Liberty sq
McClintock, John Tilton, 23 Court
McEwen, P. J., 120 Boylston
McFarland, Colby & McFarland, 2A Beacon
McGinty, Wm. H., 101 Tremont
McLaughlin, Jas. E., 683 Atlantic av
McLean, Henry, 110 Tremont
Machado, E. M. A., 9 Cornhill
Maggi, Alfred, 7 North sq
Maginnis, Walsh & Sullivan, 100 Boylston
Mahoney, Jno. H., 116 Hutchings
Mann, O. D., 30 Old Court House
Marble, A. M., 9 Hamilton pl
Maynard, E. W., 226 Tremont
Mears, H. A., 120 Boylston
Moffette, George, Jr., 34 School
Montague, Frazier L., 62 Devonshire
Moore, F. H., 27 School
Moore, George A., 70 Kilby
Morrison, Wm. L., 70 Kilby
Morse, Edw. P., 258 Wash'n
Mulcahy, James, 66 State
Murray, Jas., 104 Poplar, Roslindale
Newhall, Louis C., 112 Water
*Newhall & Blevins, 9 Park
*Newton, Geo. F., 6 Beacon
Nichols, Edward, 70 Kilby
Nichols, Geo. L., 112 Water
Norcross, F. A., 110 Tremont
Nourse, Henry M., 29 Pemberton sq
O'Grady, Thos., 149 Mt. Vernon, W. B.
Orr, Wright & Churchill, 101 Tremont
Osgood, G. F., 28 School
Park, C. E., 110 Tremont
Park & Kendall, 8 Beacon
*Parker & Thomas, 1 Somerset
Parkhurst, Walter, 14 Kilby

*Parsons, G. E., 1 Somerset
*Patch, Chas. E., 52 Kilby
*Peabody & Stearns, 53 State
*Perkins, C. B., 8 Beacon
Perkins, Harland A., 194 Boylston
Perkins & Betton, 13 School
*Peters & Rice, 812 Pemberton bldg
*Phillips, Henry A., 120 Tremont
Pinkham, A. B., 24 Warren, Rox
Pollard, Albert A., 6 Beacon
Pope, Fred, 622 Tremont bldg
Powell, Francis G., 156 State
Power, Richard W., 30 Oakley
Prescott & Sidebottom, 113 Devonshire
Preston, Henry J., 112 Water
*Preston, Wm. Gibbons, 186 Devonshire
Purdon, Jas., 8 Beacon
*Putnam, John Pickering, 535 Beacon
*Putnam, W. E., Jr., 6 Hancock av
Putnam & Cox, 6 Hancock av
Quigley, Wm. B., 205 Faneuil
*Rand & Skinner, 336 Boylston
Rantin, Samuel & Son, 1117 Columbus av
Rantoul, W. G., 2 A Park
Reid & McAlpine, 110 Tremont
Rice, John H., 15 School
Rice, L. Frederick, 125 Milk
Rice, Oran W., 15 Exchange
Richardson, A. G., 9 Cornhill
*Richards, Wm. P., 112 Water
Richardson, A. G., 9 Cornhill
Ring & Whiting, 101 Tremont
Rinn, J. Philip, 7 Water
Rodgers, E. L., 58 Englewood av
Russell, C. A. & F. N., 54 Warren, Rox
Safford, Morton D., 274 A
*Sargent, T. M., 9 Tremont
Sawyer, Ralph E., 1 Somerset
*Schweinfurth, J. A., 53 State
*Sears, W. T., 70 Kilby
*Shattuck, Geo. C., Ames bldg
Sheehan, T. Edw., 945 Tremont bldg
Shepherd, Frank Haskell, 34 School
*Shepley, Rutan & Coolidge, 122 Ames bldg
Silloway, T. W., 10A Park sq
Simonds, F. P., 112 Water
Skene, Norman, 131 State
Smith, G. H., Old South bldg
Smith, Geo. L., 6 Hancock av
Smith, O. F., 70 Kilby
Smith, Wilfred H., 615 Dorchester av
Snow, E. A., 8 Exchange pl
Snow & Humphreys (Mill Architects), 85 Water
Spofford & Eastman, 50 Bromfield
Stephenson, H. M., 171A Tremont
Stewart, Edmund T., 101 Tremont
*Stickney & Austin, 50 Bromfield
*Sturgis & Barton, 120 Boylston
Suck, Adolph, 179 Summer
Swasey, Albert E., 100 Boylston
Sylvester, Edmund Q., 1 Somerset
Taylor, W. Hart, 50 Bromfield
Thayer, O. A., 6 Beacon
Thayer & Bowser, 683 Atlantic av
Thompson, S. B., 15 School
*Tilden, Geo. T., 85 Devonshire
Tirrell, Edw. F., 28 School
Tomfohrde, Jno. F., 47 Court
*Towner, W. T., 157 Summer
Turner, Alfred C., 683 Atlantic av
*Untersee, F. Joseph, 178 Devonshire
*Vaughan, Henry, 29 Pemberton sq
Vinal, Arthur H., 19 Milk
*Wakefield, F. Manton, 1 Somerset
*Wales & Holt, 15 Beacon
*Walker, Chas. H., 15 Beacon
Ward, Stephen S., 683 Atlantic av
Warren, Clinton J., 7 Water
Warren, H. Langford, 120 Boylston
Warren, Lyman O., 112 Academy Hill rd
*Warren, Smith & Biscoe, 120 Boylston
Watson, Robert A., 38 Hillside
Weaver, Arthur N., 114 State
Webber, S. A., School
Weissbein, Louis, 9 Hamilton pl
Weston, F. W., 344 Atlantic av
Wetherell, G. H., 9 Park
Whaley, W. B. Smith & Co., Tremont bldg
Wheelwright, A. W., 31 Beacon
*Wheelwright & Haven, 100 Boylston
*Whitman, E. P., 62 Devonshire
Wilson, Edward I., 101 Tremont
Winslow, W. Henry, 71 Perkins, J. P.
*Winslow & Bigelow, 3 Hamilton pl
Woodbury, D. H., 53 State
Wright, Alonzo D., 40 State
Wright, Jas. M., 120 Boylston
Yeo, Robt. J., 37 Bernard, Dor
*Zerrahn, Franz E., 9 Hamilton pl

BROCKTON—Barlow, W. F.
Duncanson, Wm. A.
Ellis, J. Lewis
Howard, Waldo V.
Mitchell, Clarence A. & Sons
BROOKLINE—Freeman, Harry S., Stearns rd
Kierstead, Jesse J., 10 Davis av
Toussaint, Winand W. J., 203 Aspinwall av
CAMBRIDGE—Bartlett, C. H., 634 Mass av,
Blackman, Elmer E., 456 Mass, Cp
Fogerty, Geo. F., 631 Mass av, Cp
Joll, Harry D., 671 Mass av, Cp
McAuliff, J. H., 11 Hayes
McClare, C. Herbert, 649 Mass av, Cp
Willard, C. F., 43 Martin
CAMBRIDGEPORT—See Cambridge
CHELSEA—§Lawrence, F. P., 154 Surtleff
CLINTON—Carter, Harry D., 98 Chestnut
Parker & Bateman, 314 High
Thissell, J. & Son, 48 High
DEDHAM—§Tucker, Frank W.
EVERETT—§Helrich, Otto A., 260 Main
Wood, Geo. H., 386 Main
§Woodward, Wm. E.
FAIRHAVEN—Bisbee, Henry V.
FALL RIVER—§Darling, J. M., 78 Bedford
Destremps, Louis G., 56 N Main
Dyer, David H. & Son, Pocasset Bk. bldg
Marble, A. M., 377 Grove
Marble, Chas. H., 367 Robeson
Marvell, E. I., Borden blk
FALMOUTH—Tobey, W. A.
FITCHBURG—Francis, Henry M. & Sons, 387 Main
§Swift, Edwin T., 172 Myrtle av
FRAMINGTON—Barnes, Chas. E.
Kendall, F. A.
GARDNER—Garneau, Jos.
GLOUCESTER—Phillips, Ezra L., 201 Main
GREENFIELD—Drew, M. R.
HAVERHILL—Damon, C. Willis, 25 Wash'n
Littlefield, J. M., 110 Merrimack
Perkins & Bancroft, 47 Merrimack
HOLYOKE—Alderman, Geo. P. B. & Co.
Clough, Jas. A., 225 High
Ellsworth & Kirkpatrick, 18 Dwight
Howes, W. J., 235 High
Mann, T. W., 35 Hampden
Reid, Wm. B., 280 High
HYDE PARK—Harding, Geo. M.
Higgins, A. M., 10 Neponset blk
LAWRENCE—Adams, Geo. G., 288 Essex
Allen, J. E., 316 Essex
Ashton, John, 477 Essex
Cullinane, Richd., 288 Essex
§Emerson, Chas. T., 590 Haverhill
Kimball, W. P., 114 Howard
Knapp, J. G., 288 Essex
Raynolds, Jas. T. & Co., 448 Lowell
Regan, Wm. P., Essex Bank bldg
Sidley, Jno. S., 457 Essex
Thibodo, Eli, 351 Essex
LENOX—§Morse, T. S., Washburn Cottage
Root, J. H.
LEOMINSTER—Page, L. J.
LOWELL—Clark, Edwin R., 295 Central
Davis, Millard F., Hildreth bldg
Floyd, Warren L., 18 Shattuck
Gardner, Everett M., 198 Holyrood av
Gilbert, Perley F., 53 Central
Graves, Harry Prescott, 40 Middlesex
†Moody, Leonard T., 23 Lane
†Perreault, Eugene & Son, 750 Moody
LYNN—Burke & Michael, 324 Union
Davidson, Benj. H., 7 Bloomfield
Hunt, W. H., 333 Union
Rogers, Hamilton E., 38 Exchange
Rogers, Henry W., 38 Exchange
Sanborn, Dana, 343 Union
Varney, Penn., 25 Exchange
Wheeler & Betton, 59 Exchange
MALDEN—Ford, Olpha A., 1 Pleasant
Rogers, Louis P., Fellsway West
MARBLEHEAD—Phillips, Wm. L.
Quiner, Wm. H.
Sanborn, Nathan P.
Stuart, Wm. H.
MARLBORO—Bigelow, Jas. F.
MEDFORD—Sise, Lyman
MELROSE—Dow, Lewis A., 131 Upham
Garrett, Jos. J., 496A Main
MILFORD—Collins, Walter L.
Cook, Robt. Allen
Hughes, Frank M.
Hussey, Albertus, 197 Main
NEW BEDFORD—Hammond, C. & Son, 179 N Water
Hunt, Samuel C., 76 Pleasant
Smith, Nat. C., 97 William
NEWBURYPORT—Bailey, Jno. E.
Knight, Carl M.
NEWTON—Fisher, Gurdon R., 263 Lake av, N H
Forhush, W. R., 263 Wash'n
Gay, Jos. B., 43 Bracebridge rd, N C
Gowing, Fred'k H., 14 Boyd
Hill, Clinton M., 414 Woodward, Wa
Nichols, Geo. L., 72 Fisher av, N. H.
NEWTONVILLE—Hayden, S. D.
NORTH ADAMS—Barlow, Edwin T.
Bond, Newton C.
NORTHAMPTON—Pratt, W. F.
Putnam, Roswell F.
PITTSFIELD—Harding & Seaver, 7 North
Haynes, Geo. E., 255 North
Rathbun, Chas. T., 28 West
Vance, Jos. M., 24 North
Weeks, Harry E., Melville bldg
*Wilson, H. Neill, 24 North
QUINCY—Alstrom, C. T.
Lofgren, W. R.
READING—§McIntire, Wm. L.
SALEM—Balcomb, Edwin B., 228 Essex
Bickford, Jno. H., 34 Buffum
Chalfour, Jas., 12 Grover
Dennis, Wm. D., 210 Essex
Foster, Joseph C., 237 Essex
Machado, Ernest M. A., 39 Church
SHIRLEY—Marsh & Son
SOMERVILLE—Vail, C. McL., 49 Springfield
Whitmore, F. E., 263 Highland av
Willard, F. E., Davis sq
SPRINGFIELD—Donohue, Jno. W., 115 State
Gardner, E. C. & G. C., 33 Lyman
*Kirkham & Parlett, 25 Harrison av
McKnight, Chas., H., 137 State
Page, C. G., 476 Main
Richmond, F. R., 115 State
Seabury, B. Hammett, 21 Besse pl
Taylor, G. Wood, 425 Main
STONEHAM—Chapman, Elmer R. B.
STOUGHTON—Francis, Henry H.
TAUNTON—Park, Walter L., 46 Oak
Smith, Gustavus L., 186 Highland
WATERTOWN—Brigham, Chas.
Gray, Arthur F.
Haynes, Albert F.
WESTFIELD—Holton, A. W.
Page & Hayes .Parks blk
WORCESTER—*Baker, Albert A., 425 Main
Bell, William R., 53 Pleasant
Carlson, Edwin, 34 Jefferson
Chapin, Edwin T., 340 Main
*Clemence, Geo. H., 405 Main
*Cutting, Carleton & Cutting, 44 Front
*Earle, Stephen C., 339 Main
Erikzen, Erik, 27 Lincoln av
Fisher, Clellan Waldo, 340 Main
*Frost, Briggs & Chamberlain, 518 Main
*Fuller & Delano Co., 452 Main
Harvey, Wm. H., 311 Main
Jacques, Urgel, 340 Main
Kingston, John P., 518 Main
*Lincoln, Chas. H., 6 Park av
Nault, Onesime E., 8 Wall
Nourse, Waltler B., 306 Main
*Patston, J. William, 44 Front
Topanelian, Edw., State Mutual Life bldg
Tribe, Geo. T., 339 Main
Wesson, C. F., 2 Haviland
Weston, Edw. H., 180 Chandler

MICHIGAN.

ADRIAN—Matthes, C. F.
Smith, F. E.
ALMA—Chase, J. G.
ALMONT—Wicks, Bryon
ALPENA—Lewis, Jas. M.
ANN ARBOR—Pipp, Herman, 214 Wash'n E
Sauer, C. A., 543 Main, S
Scott, Geo. Henning blk
ARMADA—Dickens, Chas. B.
BATTLE CREEK—Dexter, E. P.
Loughbrough, W. K., 52 Howland
Llewellyn, J. C.
Loughborough, W. K.
Ordway, A. D., 15 N McCamly
Scofield, H. C., 9 Annex blk
BAY CITY—*Clark & Munger, Shearer Bros. bldg
Floeter, P. C., 401 Center av
Pratt & Koeppe, 514 Crapo bldg
BENTON HARBOR—McKellar, J. D.
BLISSFIELD—Dickinson, D. C.
CALUMET—Camphell, Duncan
CHARLOTTE—Bacon, J. H.
COMMERCE—Darling, Thomas.
DELRAY—Kinnell, Jos.
DETROIT—Baxter & O'Dell, Whitney bldg
Bennett, Clarence H., Wash'n Arcade
Bloquelle, Hugo, 163 Rivard
Brooks, R. T., 254 Cherry
Butterfield, Wells D., 1109 Brooklyn av
Carleton, Frank E., 186 Bagg
Case, Jno. W., 271 Woodward av
Chamberlin, Harry W., 171 Griswold
Crittenden & Kotting, 34 Congress, W
Claus, Jno. S., 1225 Porter
Coquard, Leon, 169 1st

Coughlan, Jno. W., 715 Champlain
Crosman & Gregory, 20 Grummond av
Dederichs, Peter, Cham. of Com. bldg
*Donaldson & Meier, Moffat bldg
Falkinburg, Samuel C., 903 Hammond bldg
Field, Hinchman & Smith, Wash'n Arcade
French, Albert E., 301 Buhl blk
Gics, Roland C., Wayne County Savings Bank bldg
Grecne, Chas. R., Washington Arcade
Gryles, H. J. M., Wayne Co. Savings Bank bldg
Joy & Barcroft, 408 Ferguson bldg
Kahn, Albert, Union Trust bldg
Kamper, Louis, Goebel bldg
Kastler & Hunter, Chamber of Commerce bldg
Koehler, Chas. W., 818 Chamber of Commerce bldg
Lloyd, Gordon W., 40 Newberry bldg
McKay, Boyd, 99 Smith av
*Malcolmson & Higginbotham, Moffat bldg
Mason & Painter, 80 Griswold
Mills, Jos. E., Wash'n Arcade
Mueller & Mildner, Ferguson bldg
Myers, E. E., 732 2d av
Myers, G. W., 1579 St. Antoine
Oberson, Sam'l G., 322 Sidney av
Oglesby, Thomas P., 1059 Concord av
Oldfield, G. C., Newberry bldg
Pollmar & Rapes, Cleland blk
*Raseman & Fisher, 38 Buhl blk
Rice, Zachariah, 57 Fort, W
Rill, Harry J., 54 Buhl blk
*Rogers & Macfarlane, 73 Moffat bldg
Schilling, E. A., 40 Fort, West
Schmoock, A. C., Buhl blk
Schroeder, Geo., 379 Clinton av
*Scott, John & Co., 67 Moffat bldg
Shefferly, F. Jos., 428 Monroe av
Shiels, T. E., 1719 Mich. av
Smith, S. O., Home Bk bldg
Spier & Rohns, Chamber of Commerce bldg
Stahl, J. C., Jr., Bamlet bldg
Stevens & Blume, Wash'n Arcade
*Stratton & Baldwin, Union Trust bldg
Van Leyen, Edw. C., Peninsula Bk bldg
Varney, Almon C. & Co., 58 Newberry bldg
Vollmer, Wm. H., Cham. of Com. bldg
Walshe, Edw. A. & Son, Whitney bldg
Wardrop, Norval, Newberry bldg
Williams Bros., Whitney bldg

FREMONT—Koyl, Wm. H.
GILFORD—Towns, C.
GRAND RAPIDS—*Allen, Frank P. & Son, Mich. Trust bldg
Chapel, W. A., 157 N Ottawa
Clarke, W. M., Houseman bldg
Daverman, J. H. & Son, Porter blk
Fairfield & Olds, Houseman bldg
Hopkins & Davis, 74 Monroe
*Osgood & Osgood, Widdicomb bldg
*Robinson, W. G. & F. S., Houseman blk
Stone, G. L., 531 Widdicomb bldg
Vierhelig, C. G., Houseman bldg
Williamson & Crow, 82 The Gilbert
HANCOCK—Liebert, H. S.
HARBOR SPRINGS—Mead, E. H.
HERSEY—Goersman, B.
HILLSDALE—Baer, E. C.
HOLLAND—Price, James
IONIA—Waterbury, Orry
IRON MOUNTAIN—Lemieux, Jos.
JACKSON—Allen, Claire, Dwight bldg
*Grosvenor, Lemuel D., 322 W Wesley
KALAMAZOO—Fairchild, A., 121 E Main
Flagler, H. B., 302 Main
Harris, G. H.
Tanis & Son
LANSING—Bowd, E. A.
Holbrook, H. J.
Moon, D. B.
White, Thos. E.
LAURIUM—Nystrom, C. E.
LUDINGTON—Boerner, Chas.
MAPLE RAPIDS—Hewitt, R. H.
MARQUETTE—*Charlton & Kuenzli
†Gregory, Hampton
MOREY—Ingersol, G.
MT. CLEMONE—Foster, Frank S., Barron bldg
Van Damme, T.
PAW PAW—Hathaway, A. A. & Co.
PETOSKEY—Rose, Albert E.
PONTIAC—Fisher Bros.
Prall, Edw. R.
PORT HURON—Erb, Isaac, Opera House
Harvey, G. L., over 1st Nat. Bank
Kaumeier, J. C., Jr., 221 Huron av
SAGINAW—Boergert, B. Franklin, Heavenrich bldg
Carrigan, John, 211 Genesee av
Cooper, W. T., 305 Hayden
Cowles, Clarence L., Chase blk
Hollister, F. W., 311 Bearinger bldg
Scheurman & Merriam, Barnard blk, W S
SAULT STE MARIE—Demar, Edw.
Sweatt, R. C.
Teague, J. C.
TRAVERSE CITY—Dean, Wm. A.
Moore, Fred
Walker, Forest E.
WYANDOTTE—Harding, E. J., Bank blk
YPSILANTI—Rorison, Edwin P.

MINNESOTA.

CAMBRIDGE—Lind, Jos.
CROOKSTOWN—Strassburger, E. H.
DULUTH—Bray, W. T., Palladio bldg
de Ward, J. R., Torry bldg
German & Lingnell, Torry bldg
Nystrom, Carl E., Manhattan bldg
Palmer, Hall & Hunt, Lonsdale bldg
Puck, A. W., Lyceum bldg
Radcliffe, E. S., Palladio bldg
Terryberry, Austin, Palladio bldg
Wagenstein, J. J., 401 Providence bldg
Young, Frank L. Co., Palladio bldg
ELBOW LAKE—Foss, A. H.
FARIBAULT—Hanson, Olof
FERGUS FALLS—Wright, V. A.
GRAND FORKS—Friedlander, J.
LAKE CITY—Alexander, E.
LUVERNE—Green, W. E. E.
MANKATO—Gerlach, Henry C.
MARSHALL—Fulton, H. P.
MINNEAPOLIS—Aldrich, C. R., Lumber Ex
Arnold, Hugo, Boston blk
Bell, C. E., Northwestern bldg
Bertrand & Chamberlain, B'k of Com. bldg
Boehme & Cordella, Kasora bldg
Bowler, S. J., Bank of Com. bldg
Buell, C. J., 312 Malcolm av, S
Carter, Harry G., Northwestern bldg
Church, R. D., Globe bldg
Cooper, Madison, 410 N 1st
Corser, Frederick G., N. Y. Life bldg
Dorr, A. L., Lumber Exchange
*Dunnell, Warren B., N. Y. Life bldg
Haley, E. C., Northwestern bldg
Haley, Jos., 2533 12th av, S
Hodgson, Isaac & Edw. J., Northwestern
Hunt, Wm. S., Northwestern bldg
Jager, J. N., Godfrey blk
Jones, Harry W., 916 Lumber Exchange
Kees & Colburn, 603 Kasota blk
Keith Co., 917 Hennepin av
Kendrick, F. B., Oneida blk
Kennedy, Ernest, 442 Boston blk
Kenyon, Wm. M., Guaranty bldg
Kinney & Detweiler, Northwestern bldg
Lamoreaux, L. A., Lumber Exchange
Lindstrom, J. W., Andrus bldg
Long, F. B. & L. L., 830 Hennepin av
Morse, F. L., 2737 Stevens av
§Muther, Wendelin, 1701 Aldrich av, N
Orff, F. D., 613-15 Lumber Exchange
Overmire, Edwin P., Sykes blk
Record, J. H., 3544 Bryant av, S
Sandhoff, C. F., 1512 N First
Sedgwick & Saxton, Lumber Exchange
Stebbins, E. S., Masonic Temple
Struck, Carl F., 636 Boston blk
Turnbull, J. A., 3336 Fremont av, S
Turner, C. A. P., The Phoenix
Van Doren, Fred'k, Syndicate Arcade
*Whitney, Wm. Channing, Loan & Trust bldg
MONTEREY—Fitz, E. H.
NEW ULM—§Amme, Hermann
Berndt, Julius
Heers, C. A.
RED WING—Clum, A. L.
RENVILLE—Wilcken, Henry H.
ROCHESTER—Heffron, Martin
Johnson, J. G.
ST. CLOUD—Blix, A. J.
Haas, S. H.
Hussey & Bergman, 707 7th av
ST. PAUL—Bassford, C. A., Gilfillan blk
*Bassford, E. P., Gilfillan blk
Buechner & Orth, 602 Manhattan bldg
Donahue, E. J., 58 Gilfillan blk
Fischer, J. F., 501 Park av
Fitzpatrick, Mark, 17 W 9th
Garlough, A. L., Union blk
*Gruger, A. F., Bank of Minn. bldg
*Gilbert, Cass., 524-526 Endicott bldg
Haas Company, Gilfillan blk
Holyoke, T. G., Endicott bldg
*Johnston, Clarence H., Manhattan bldg
Knight, A. F., 349 Wabasha
Kretz, Herman, N. Y. Life Ins. bldg
Laurent, Geo., Court blk
Lockwood, Louis, 2 Nat. G. A. Bk. bldg
Reed & Stem, 601 Endicott bldg
*Stevens, J. Walter, New York Life bldg
Wheeler, Alfred H., Globe bldg
Wheeler, J. H., N. Y. Life bldg
SPRING VALLEY—§Ostcrud, L. H.
STILLWATER—Schmidt, Eugene
WINONA—Mayburg, C. G. & Son, 72 W 8d

MISSISSIPPI.

BILOXI—§Harkness, W. T
BOONEVILLE—Alexander & Patrick
BROOKHAVEN—Dickey, D. Anderson
COLUMBUS—Boswell, I. M.
JACKSON—Bramlett, John M.
Bryan, Andrew J. & Co.
George, James Z. & Co.
*Hull, W. S.
Weathers, Patrick Henry
MAGNOLIA—Xavier, A. K.
MERIDIAN—Krouse & Hutchisson
NATCHEZ—§Ketteringham, W. A.
VICKSBURG—Stanton, Wm.
WESSON—Woodin, A. T.
WEST POINT—Fullington, D. B.
Stinson, D. N.
YAZOO CITY—§Davis, J. H. & Son
§Glass, W. O.

MISSOURI.

BEVIER—Chitwood, W. M.
BOONVILLE—Ravenel, Samuel W.
CAMERON—Merwin, Hugh
CANTON—Sason, E. N.
CARTHAGE—Ehlers, A., 1327 S Maple
Prather, J. A., 1101 S Maple
CHILLICOTHE—Garver, William L.
COLUMBIA—Miller, F. P.
Duncan, A. T.
DE SOTO—§Hemme, Charles
FARMINGTON—Loomis, C. W.
Menke, F.
FULTON—Bell, M. F.
GLASGOW—Rall, Gustav
GRANBY—Mathews, Lee
HAMBURG—Meyer, Arnold
HANNIBAL—Beuttler, Gottlieb
Hogg, J. Oliver
Schmitt, Earnest
HIGGINSVILLE—Boyer, W. C. & Son
HOPKINS—Akin, John A.
JEFFERSON CITY—Miller, F. B.
JOPLIN—Bellas, T. R.
Garstang & Ray
Michaelis, A. C.
KANSAS CITY—American Architect & Bldg. Co., Mass. bldg
Anderson, A. B., N. Y. Life bldg
Ashley, A. J., 1221 Grand av
Bannon, James, 206 Temple blk
Barnett, Haynes & Barnett, K. C. Life bldg
Braecklein, J. G., 15 W 9th
Brooks, B. H., Beales bldg
Brown, W. E., N. Y. Life bldg
Carman, George, 309 Hall bldg
Chamberlain, S. E., Shukert bldg
*Curtiss, Louis, 1106 Baltimore av
Edwards & Sunderland, Sheidley bldg
Elniff, Jno., 3100 E 15th
Frink, S. R., Am. Bk. bldg
Garvey, Godfrey, 2006 Indiana
Gooding, W. S., Mass. bldg
Guinotte & James, 1229 Main
Gunn, F. C., 208 Grand av
*Hamilton, F. B., 533 Beales bldg
*Hill, H. E., 28 Beals bldg
Hodge, J. A., New Nelson bldg
Hogg, J. O., N. Y. Life bldg
†Hucke & Sexton Contracting & Building Co., Dwight bldg
Jackson, F. J., N. Y. Life bldg
Jacobs, H. M., Hall bldg
Kessler, Geo. E. & Co., FiFdelity Trust Co. bldg
Kurfiss, S. H., Hewson bldg
Lancieri, J. G., 503 E 3d
La Pierre, Horace, Shukert bldg
Lee, J. R., Long Bros. bldg
Levering, L. L., 1615 Prospect av
McKecknie, J. W., N. Y. Life bldg
*Markgraf, Rudolf, Shukert bldg
Martling, J. H., 15 W 9th
Middaugh, L. G., 517 Mass. bldg
†O'Connell, Matt., New Ridge bldg
Owen & Todd, Dwight bldg
Parker, F. E. & Son, Kemper bldg
Plym, F. J., Kemper bldg
Rea, F. S., Dwight bldg
*Root & Siemens, Postal Tel. bldg
*Rose, W. W., Postal Tel. bldg
Sayler, Wm. H., Commerce bldg
*Schmidt, C. P., New Shukert bldg
Schrage, W. F., 43 E 32d

*Shepard & Farrar, Bank of Com. bldg
Sherrill, Frank A., Gumbel bldg
Short, I. M., 711 Euclid
Simons, H. J., Shukert bldg
Simpson, C. N., 1824 Benton boul
Sloan, C. B., Ricksecker bldg
*Smith, Chas. A., Dwight bldg
Steward, F. S. & Son, New Bridge bldg
Stroeh, H. J., Kemper bldg
Tate, John W., Postal Tel. bldg
Thomas, Jno., Temple blk
Thompson, J. Francis, Am. Bank bldg
Troje, Robert, 2416 E 23d
*Turney, Albert, Mass. bldg
*Van Brunt, Adriance & Bro., Navajo bldg
*Van Brunt & Howe, Bayard bldg
Vandenberg, C. C., 2050 Holmes
Van Dyke, Van Buren, New Ridge bldg
*Von Unwerth, B. A., 2905 Locust
Wilder & Wight, Dwight bldgl
Williams, J. C., Temple blk
Wright, Ward W., Schuttle bldg

MACON—§Still, T. A.
MARIONVILLE—Benjamin, A.
MARYVILLE—Searcy, A. A.
NEVADA—Lacaff, F. L.
ROLLA—*Hohenschild, H. H.
ST. JOSEPH—Crocker, Frank, Hughes bldg
*Eckel & Mann, Commercial bldg
Felt, Jno. H., Ballinger bldg
Heim, Rudolph F., Ger-Am. Bank bldg
Meier, Alfred, 24 Ballinger bldg
Trunk, B. W., Moss bldg

ST. LOUIS—Abesser, Wm. M., 721 Olive
Allardt, M. T. O., 6 N 3d
Annan, Thos. B., 705 Olive
Baker & Knell, Olive c 9th
Barnett, Haynes & Barnett, Olive c 9th
Beardsley, H. W., 721 Olilve
Becker, Gerhard J., 2904 Bailey av
Berger, Richard A., 1903 Lucas av
Black, A. W., 2107 Clark av
Boehmer, Otto J., 211 N 7th
*Bonsack, F. C., 8th c Locust
Boyers, John A., 2726 Dalton av
Buckley, Thos. J., 435 Hunt av
Burgdorf, Herman J., 2604 Virginia av
Cann, W. A., 705 Olive
Chivers, Herbert C., 105 N 7th
Clymer, Harry G., Chestnut c 7th
Conradi, Joseph, 810 Olive
Cope & Stewardson, 319 N 4th
Corwin, A. B., 510 Pine
Cunliff, Benj., 720 Chestnut
Deitering, Chas. H., 708 Pine
Del Isle Construction Co., 816 Olive
De Pombriray, Jos. D., 1335 La Salle
Donovan, Jos. D., 2223 Wren av
Dunham, John M., 816 Olive
Dwyer, John R., 318 N 8th
*Eames & Young, Chestnut c 7th
Eisner, Adolph W., 105 N 7th
Enders, Oscar, 3302 Park av
Ewald, Laurence, 417 Pine
Feary, Wm. J., 1113 Chestnut
Fischer, A. A. Arch'l & Bldg. Co., 308 Chestnut
Foell Architectural Co., 3347 California av
Folk, Fred'k W., 720 Chestnut
Givens, Jos. B., 220 N 4th
Givens, Jos. W., 220 N 4th
Gordon & Hesse, 721 Olive
Gruen, Wm. H., 721 Olive
Hallock, Ross C. H., 6200 Columbia av
Hambley, Wm., 1002 Chestnut
*Heimburger, G. U., 308 City Hall
Helfensteller & Hirsch, 415 Locust
Hellmuth, Geo. W., 721 Olive
Herthel, John W., 22 N 4th
Hess, Ernest J., 706 Chestnut
Hoffman, C. W., 1511 Tower Grove av
Hewitt, F. K., 1008 N Vandewater av
Higgins, Thos. C., 4153a Russell av
Hormann, Louis, 2121 S 12th
How, Fred'k J., 4431 Gibson av
Howard, John L., 620 Chestnut
Hyatt, Alfred P., 202 N 9th
Ittner, W. B., 911 Locust
*Janssen, Ernest C., 721 Olive
Johnston, Thos. D., 2108 Pine
Kessler, Geo. E. & Co., 904 Olive
Kirchner, August H., 100 N 4th
Kirchner, H. Wm., Chemical bldg
Kirsch, R. G., Century bldg
Klipstein, Ernest C., 319 N 4th
Klutho, Victor J., 202 N 9th
Knell, Albert, Odd Fellows bldg
Knauer, Herman, 105 N 7th
Knittel, Wm., 4230 Oregon av
*Legg & Holloway, 715 Locust
Lellek, Jos., 3124 Prairie av
La Beaume, Louis, 721 Olive
LeMeire, Fred'k, 3538 Easton av
Levy, Wm., 816 Olive
*Link, Theodore C., Carleton bldg
*Lowery, Thos., 1519 ½ N 8th
Lucas, Wm. A., 816 Olive
Lynch, Jas. Hal, 715 Locust
McArdle, Montrose P., 705 Olive
*McNamara, Jas. H., 6 N Grand av
Maack, Henry, 1742 Chouteau av
*Manny, Edmund A., 319 N 4th
Mariner & La Beaume, 721 Olive
Matthews & Clarke, 705 Olive
*Mauran, Russell & Garden, 721 Olive
*May, Chas. F., 219 N 4th
Meagher, Jas. D., 4644a Vernon av
Melcher, N. Henry, 310 Cedar
Milhofer, Edw. P., 2105a Withnell av
Miller, L. Cass, 219 N 4th
Milligan, Rockwell M., Olive c 8th
Muegel, Christopher, 721 Olive
*Mullgardt, Louis, 520 Olive
Neher, Otto H., 721 Olive
Newberry, Jno. C., 1231 N Taylor av
Nolte, Edw. F., 620 Chestnut
Nothstine, Jacob W., 3968 West Belle pl
Osterhorn, Robt. Arch'l & Engineering Co., 1014 N 6th
Pape, Paul C., 5011 Maple av
Paulus, Jno. D., 7th c Pine
Pipe, Geo. W., 1435a Clara av
Pomeroy, Chester W., 816 Chestnut
Popp, Oliver J., 816 Olive
Preisler, Ernst, 918 Pine
Raby, Geo., 4405 St. Louis av
*Ramsey, Chas. K., 105 N 7th
Rankin, Jas. C., 715 Locust
Rapp, Theo., 2816 Utah
Ridington, A. Blair, 620 Chestnut
Riewe, Anton W., 3411 Cal. av
Roach & Son, H. E., Chemical bldg
*Rosenheim, Alfred F., 706 Chestnut
Rottler, Leo, 4221 Virginia av
Schaumburg, Henry, Jr., 2200 Victor
Schleicher, Fred'k, 1315 Park av
Schwiete, Peter, 4306 Linton av
Seipel, Jacob, 7209 Michigan av
Spiering, Louis C., 721 Olive
Sprague, Wm. A., 4335 Lucky
Stauder, Jos. & Son, 19 S B'way
Stille, Theo. J., 3852 Flora av
Strauss, Louis, 105 N 7th
Swasey, W. Albert, 705 Olive
*Taylor, Isaac S., 318 N 8th
Thul, Jno. P., 3632 S B way
Trick, Frank R., 1811 Wyoming
*Tully & Clark, 415 Locust
Varney, Chas. F., 105 N 7th
Volkmann, Ed. H. A., 608 Chestnut
Wagner, Adolph, 3856 Flora av
Wagner, H. A., 418 Locust
Weber & Groves, 314 N 4th
Wedemeyer, Wm., 105 N 7th
*Wees, J. L., 520 Olive
Wesling, August H., 114 N 4th
*Wessbecher, Louis, 715 Locust
Widmann, Walsh & Boisselier, 105 N 7th
Wilhelmi, Otto J., 406 Market
Wood, Jno. W., 22 N 2d
Wray, Chas. H., 721 Olive
Wuest, Gustav P., 105 N 7th
Zeller, Julian T., 7208 Penna av

SAVANNAH—Skuse, Richard H.
SEDALIA—Bast, T. W.
Strong, E. A.
SPRINGFIELD—Foley, Wm. E.
Reed & Heckenlively, 302 College

MONTANA.

BELLINGS—Link & Carter
BOZEMAN—Noe, Robt.
BUTTE—Fennell, J. A., 10 W B'way
German & Lignell, Silver Bow blk
Kern, M. D. & Co., Owsley blk
Link, J. F., Silver Bow blk
Nelson, N. T., 214 N Wyoming
Nickel, R. A., 523½ S Main
§Passmore & Co., 25 W Granite
Prentice, C. M., 301 N Crystal
Roberts, John R., 114 W Granite
GLENDIVE—Blenden, N. J.
HELENA—Haire, C. S., Power bldg
Kent, Jno. H., Union Bank
Norris, W. E., 175 W Lyndale av
KALISPELL—Gibson & Shanley
Jones & Foray
MISSOULA—Gibson, A. J.
Kennedy, J. H.

NEBRASKA.

BEATRICE—Berlinghof, Geo. A.
§Cole, G. L.
BLAIR—Vaughan, Louis
COLUMBUS—Pearsall, Jas.
FALLS CITY—Bair, M. N.
Hofer, A. E.
FREMONT—Dyer, A. H., 304 E 6th
LINCOLN—Craddock, Jas. H., 109 S 10th
Leach, M., Brownell bldg
Tyler, Jas. & Son, 134 Burr blk
Woods, Alfred W., 109 S 10th
NIOBRARA—Nippel, C. A.
NORFOLK—Stitt, James C.
NORTH PLATTE—Thomson, R. D., 127 6th
OMAHA—Burdick, I. E., Creighton bldg
Clarke, Fred'k W., N. Y. Life bldg
Cleves, Chas., 1st National Bank bldg
Deitrick, J. E., 540 Ramge bldg
Fisher & Lawrie, Paxton bldg
Guth, J. P., Paxton blk
Henninger, F. A., N. Y. Life bldg
Hicks, I. P., Ramge bldg
Kimball, Thos. R., McCague bldg
Krelle, F. W., N. Y. Life bldg
Latenser, Jno., Bee bldg
McDonald, John, N. Y. Life bldg
Mason, J. B., 508 Brown blk
Misener, W. T., 539 Ramge blk
Voss, Henry, Ware blk
SOUTH OMAHA—Davis, L. A.
Kiewit, Jno.

NEVADA.

HAWTHORNE—Hill, H.
RENO—Curtis, M. J.
Schadler, F. M.
VIRGINA CITY—Dickson, R.

NEW HAMPSHIRE.

BERLIN—Lawrence, A. I.
CLAREMONT—§Beckwith, H. R., 11 Union blk
CONCORD—Oliver, M. F.
Randlett, Griffins
Wheeler, Giles
DOVER—Brown, George
Ramsdale, A. T.
Richardson, J. E.
KEENE—Foster, H. A.
LACONIA—Davis, A. L.
LANCASTER—Smith, J. H.
MANCHESTER—§Butterfield, Wm. M.
Chickering & O'Connell, 1037 Elm
Gay, Frank A., 852 Elm
Newman, F. S.
NASHUA—§Holt, H. A., 391 Main
Locke, Miss Harriet F.
PENACOOK—Sanders, C. H.
PORTSMOUTH—Ashe, Wm. A.
Paul, Henry S., 16 Market sq
ROCHESTER—Blake, F. H.
SUNCOOK—Lyford, F. C.

NEW JERSEY.

(Licensed Architects of N. J.)

ALLELNHURST—Dodge, Fred. H.
ARLINGTON—Adams, Jas.
Pearsall, Wm. Rice
Zachau, Carl F.
ASBURY PARK—Arend, Ernest A.
Conrow, Henry S.
Cottrell, W. C. & A. F.
Delatush, Jacob S.
Dodge, Paul L.
Hagerman, Jas. M.
Stroud, Jas.
ATLANTIC CITY—Adam, Harold F.
Hewitt, Wm. S.
Lippincott, Jos. E.
Ogden, J. R.
Shumway, Harvey J.
Stevenson, Howard S.
Stout, Howard A.
Vaughn, S. Hudson
ATLANTIC HIGHLANDS—Emery, Thos. G.
Price, Max C.
BERNARDSVILLE—Diehl, James
BAYONNE—Bagnell, Jas., 25 W 5th
Broome, Jos., 40 E 39th
Collins, D. C. Newman, 570 Av E
Longyear, Arthur C., 41 W 36th
Reilly, Eugene F., 228 Av D
Schmidt, Aug., 330 Av C
Schmidt, J. J., 330 Av C
Schule, Amand, 10 W 14th
BELLEVILLE—Neibel, Jacob C.
BELMAR—Allen, W. E.
BLOOMFIELD—Aimar, L. Jerome
Van Winkle, Cortlandt J.
BORDENTOWN, Osmond, Chas. S.

BRADLEY BEACH—Benner, Elmer C.
BURLINGTON—Allinson, Geo. A.
CALDWELL—Lockwood, Lynn G.
CAMDEN—Jefferis, Joshua C.
Moffett, Herbert N.
Moses, Arnold
Stephen, Thos.
CARLSTADT—Wulling, Jno., Sr.
CARTERET—Havell, Wesley J.
CHATHAM—Lum, Chas. H.
Poole, Geo. E.
DOVER—Backoff, Geo. W.
Vreeland, J. J., Jr.
EAST NEWARK—See Newark.
EAST ORANGE—Baker, Jno. E., 5 Wash'n Terrace
Bower, W. Frank, 250 William
Bowman, Wm. T., 25 S Walnut
Bush, Irvin J., 132 N Maple
Eagles, Israel C., 153 N 16th
Grant, Jos. W., 145 Glenwood av
Guilbert, Ernest Foss, 43 Carlton
Hottenroth, Henry A., 36 Hollywood av
Krug, Geo. E., 10 Birchwood av
Morfilt, Francis W., 9 Elton pl
Schmidt, Wm. C., 520 Springdale av
Stokem, A. W., 9 Sterling
Teets, Geo. E., 28 Wash'n pl
Ward, Edw. A., Jr.., 68 Vernon Terrace
EDGEWATER—Hayek, Andrew A.
ELIZABETH—Beatty, J. B., 72 Broad
Clum, W. Edmond, 210 Broad
Hoover, W. H., Jr., 244 Broad
Howe, Wm. W.
MacQueen, Jno., 562 Walnut
Oakley, A., Jr., & Son, 1201 E Broad
Poggi, C. Godfrey, 2 Julian pl
Provost, David B., 78 Broad
Quien, Louis, Jr., 251 Elizabeth av
Wind, Jacob, Jr., 205 Broad
FAIRHAVEN—Chandler, Robt. D.
FAIRVIEW—Croissant, Eugeni F.
FREEHOLD—Conover, Warren H.
GARFIELD—Harrop, Jno. T.
Warnaar, Henry
HACKENSACK—Atwood, Leland M., 152 Main
Collins, Geo., Stanley pl
Gray, Coleman, River & Salem
Read, Dean D., 152 Main
Spotholtz, Jno. F., 161 Union
Vail, Abraham P., 257 Main
HADDONFIELD—Remington, Clement
HARRISON—Arenander, Carl E.
HASBROUCK HEIGHTS—Morrison, A. B.
HOBOKEN—Ach, David M., 1011 Bloomfield
Beyer, Max, 832 Garden
Borries, Wm. E., 725 Park av
Brokhaus, Geo. C., 2nd Nat'l Bank; bldg
Brummerhop, Philip, 118 Park av
Ciccarelli, Eugene, 2nd Nat'l Bank bldg
Fall, Chas., 1410 Wash'n
Meystre, Fred'k J., Newark cor Wash'n
Nies, Frank J., 115 Ferry
Norden, Andrew B., P. O. No. 1
Steigleiter, Fred'k, 92 Hudson
HOHOKUS—West, Edwin, Jr.
IRVINGTON—Allen, Jos. B.
Moll, Wm.
JERSEY CITY—Armstrong, Jno., 175 Duncan av
Bonvarlet, Paul, 177 Old Bergen rd
Broome, L. H., 15 Exchange pl
Cardiff, Jos. A. F., 288 Monmouth
Detwiller, Chas. Henry, 76 Danforth av
Feinen, L. J., Jr., 3749 Boul
Flagg, Geo. A., 534 Summit av
Giele, Louis H., 147 Hutton
Glanzmann, Fred'k Wm., 682 Ocean av
Guhl, Emil, 19 Charles
Guise, Philip, 205 Monticello av
Gumaer, Edw. B., 27 Glenwood av
Hall, Chas. F. A., 502 Newark av
Hankin, Walter, 746 Bergen av
Helmers, Jno. G., 431 New York av
Insley, Edw. W., 344 Central av
Lamster, Edw. J., 6 Mercer
Lantenslager, Gustav, 143 Hutton
Lindsay, Jas. C., 163 Railroad av
Long, C. Frederick 76 Montgomery
McNaughton, Margaret L., 543 Bergen av
Mortensen, W. H., 197 Hancock av
Neumann, H. & W., 202 Ogden av
N. J. State Board of Architects, 1 Exchange pl
Patterson, Edward M.. 76 Montgomery
Pia, Albert E., 154 Glenwood av
Quaife, Ernest E., 709 Grand
Randall, Chas. W., 671 Palisade av
Raymond, Newman H., 15 Exchange pl
Resch, Jno. A., 170 Lexington av
Ripp, Geo. F., 17 Virginia av
Roberts, Hugh, 1 Exchange pl
Rodman, Chas. B., 431 Summit av
Rossbach, Erwin C., 77 Charles
Rossell, Harry C., 688 Ocean av
Rowland, Jno. T., Jr., 15 Exchange pl
Sailer, Rudolph W., 76 Montg'y
Smith, Robt. P., 576 Newark av
Tilton, Wm. A., 76 Montg'y
Trotter, Thos., Jr., 242 Warren
Von Arx, Geo. W., 15 Exchange pl
Weilbacher, Philip, 60 Booraem av
Wolfe, Wm. H., 745 Grand av
KEARNEY—Kennedy, Jos., 8 Kearney av
KEYPORT—Young, H. A.
LAKEWOOD—Delatush, Jacob C.
Thomas, Jno. B.
LAWRENCEVILLE—Moore, Elihu P.
LOCUST POINT—Vanderhoof, Chas. A.
LONG BRANCH—Chasey, Geo. V.
Cubberly, Leon
Seymour, Hugh B.
Sutphen, Jno. H.
MAURER—Liebau, Gustav H.
MERSCHANTVILLE—Morton, Jno. Edgar
MONTCLAIR—Bloodgood, Wm. E., 9 Gates av
Darress, Clair, 16 Montclair av
Fisher, H. Messinger, 764 Bloomfield av
Lockwood, Jesse H., 30 Spring
Myers, Christopher, 400 Bloomfield av
Norris, Albert F., 261 Claremont av
North, Effingham R.. 299 Bloomfield av
Styles, John E., 134 Claremont av
Thomson, Wm., 118 Walnut
Van Antwerp, Dudley S., 31 Fairfield
Vickers, Arthur, 26 Waterbury rd
Yost, Henry L., 481 Bloomfield av
MONTCLAIR HEIGHTS—Simpson, Alfred W.
MOORESTOWN—Le Coney, Wm. G.
MORRISTOWN—Bower, Geo. W.
Bower, S. Lorenzo
Mills, Geo. A.
Pierson, Walter B.
Taylor, Harry M.
Van Doren, Wm. C.
Walsh, Robt. C.
Weir, Collins B.
NEWARK—Ackerman, Chas., 762 Broad
Apgar, Jno. A., 233 N 5th
Aschenbach, Walter J., 74 Market
Averkamp, Francis, 800 Broad
Baechlin, Henry, 810 Broad
*Baldwin, Chas. P., 45 Clinton
Bertrand, Chas. F., 739 Broad
Bottelli, R., 191 Market
Brown, A. W., 374 Belleville av
Byles, Chas. J., 763 Broad
Campbell, Geo. W., 171 Broad
Campbell, Robt. F., 58 Miller
Capen, J. F., 45 Clinton
Charles, Peter, 742 Broad
Conklin, H. King, 830 Broad
Connelly, Arthur, 142 Market
Cook, J. Fred., 221 S 10th
Cressey, Thomas, 800 Broad
Diemer, Julius J., 12 Rowland
Dulje, Chas. T. R., 118 Central av
Eisenbiegler, Wm. M., 661 Springfield av
Ely, J. H. & W. C., 756 Broad
Erler, Richard W., 75 Market
Garrobrants, W. E., 873 Broad
Gegenheimer, Jno. P., 589 Bergen
Gonnelli, Orestes C., 94 Wilsey
Grant, Edw. E., 397 Wash'.n
Havell, Hy. D., 22 Clinton
Heintzelman, A., 73 Burnet
Heyne, Aug. D., 810 Broad
Hicks, Thos. E., 8 S 12th
Higby, Gilbert C., 784 Broad
Hooper & Co., 238 Washington
Hughes, Cecil G., 22 Clinton
Hurd & Sutton, 763 Broad
Ketcham, Wm. S., 180 Springfield av
King, Hy. J. & Henry V., 22 Clinton
Kitchell, Bruce P., 765 Mt. Prospect av
Klemm & Metzger, 240 Market
Knopf, Chas., 590 S 11th
Kreitler, Herman, 35 E Park av
Lehman, Wm. E., 142 Market
Linnett, Wm. M., 509 Central av
MacIagen, Peter T., 122 Market
McMurray, Eugene A., 22 Clinton
Metzger, Herman, 240 Market
Moore, Elihu P., 465 Summer av
Mowbray, Louis M., 800 Broad
Myers, Nathan, 238 Wash'n
Neuman, A. C., 800 Broad
O'Neill, Jno. J., 45 Clinton
*O'Rourke, Jeremiah & Sons, 756 Broad
Peter, Alfred, 327 Wash'n
Phillips, Albert, 70 Park pl
Pigott, Jas. S., 142 Market
Rahm, Jno. C., 295 Ferry
Reeve, H. E., 763 Broad
Rehman, Carl F., 756 Broad
Rizzolo, Donato R., 14 Lock
Robinson, Jas. E., 349 Elm
Schnider, Edw. J., 500 15th
Schoenig, Wm. K., 418 Springfield av
Schweitzer, Bernard, 12 Rowland
Sellick, Robt., 225 Jeliff
Seeder, August, Jr., 352 S 11th
Schneider, Edw. J., 500 15th
Schweitzer, Bernard J., 12 Rowland
Search, Eugene A., 142 Market
Silberstein, M. B., 118 Springfield av
Simpson, Lyall R., 5 Broad
Sonnenberg, Jos., 810 Broad
Staehlin, Gustavus, 238 Wash'n
Steinbrenner, Chas. L., 118 Market
Strombach, J., 238 Washington
Swinnerton, Jas. C., 351 Clifton av
Thomas, Tysilio, 763 Broad
Truex, Fred'k M., 800 Broad
Valentine, Chas. M., 270 Passaic av
Virtue, Lincoln A., 4 Academy
Walters, Alfred 22 Clinton
Warren, Edward V., 9 N 6th
Warren, John B., 22 Clinton
Weiler, Henry J., 167 Hamburg pl
Wickenholfer, Herman, 52 13th
Wurth, Ed. A., 75 Market
NEW BRUNSWICK—Blish, J. Allen, 363 George
Boylan, Wm. H., 349 George
Merchant, Alex., 384 George
Parsell, Geo. K., 363 George
Williamson, D. D., 384 George
Wright, Pascal L., 74 Jersey av
NEWTON—Wolf, Isaac B.
NORTH BERGEN—Marcy, Paul A.
NORTH PLAINFIELD—Clum, Wm. H.
Smith, Chas. H.
NUTLEY—Lambert, Wm. A.
Thomson, Arthur H.
OCEAN CITY—Champion, Jos. G.
Rice, Harvey H., 907 West av
OCEAN GROVE—Carman, Wm. H.
ORANGE—Brower, Silas B., 252 Main
Colt, Sam'l S.
*Eichhorn, Augustus Library bldg
Hasselman, Fred'k B., 224 Main
McCulloch, Robt. A., 80 Hillside av
Marsh, Jos. J. & Fred T., 17 Cone
Melendy, Geo. E., 252 Center
PASSAIC—Doane, Edw. P., Peoples Bank bldg
Fritz, Herman, News bldg
Heuser, Chas. J., 132 Autumn
Lamb, Thos. W., P. O. bldg
Meeker, Wm. M., 187 Main
Seebass, Alex., 50 Quincy
Strong, Lambert, 250 Summer av
Tenis, Peter J., 228 Sherman
Twist, Ernest E., 237 Main av
Waterhouse, Chas. B., 257 Main av
Wise, Colin R., 34 Bloomfield av
Witte, Aaron, 128 Madison
Wynne, Henry P., 208 Bloomfield av
PATERSON—Ackerman, Wm. S., 151 Fair
Atkinson, Jno., 460 Park av
Bunce, Jno. Oscar, 2nd Nat'l Bank bldg
Carlough, Wilbur H., 920 Madison av
Christie, W. Wallace, 197 Godwin
Crosby & Warren, 167 Paterson
Dehli Arne, Market & Paterson
Dickinson, W. Elbert, c Ward & Hamilton
*Edwards, Chas., 129 Market
Fanning, Wm. T., 138 Jersey
Godeffroy, Rich., 267 Main
Gutherson, Wm. T., 684 E 18th
Holden, Stanley M., 98 B'way
Houman, Marinus, 10 Park av
Howard, Harry, Market & Paterson
Hutchinson, Robt. C., 709 E 23d
Males, Valard L., 233 Summer
O'Neill, Wm. H., 153 Slater
Parsons, F. Y., 684 14th av
Post, John H., 13 Hamilton
Rogers, Albert Randolph, 151 Fair
See, Chas. Edw., 422 Ellison
Shelly, Oswin W., 671 E 24th
Sleight, Chas. E., 129 Main
Stephens, Harry Thornton, 266 Main
Urich, Chas., 210 Paterson
Vanlenten, Abraham, 163 Franklin
Van Winkle, Franklin, 150 Carroll
Verneulen, Wm. C., 228 Market
Warren, Frederic B., 167 Paterson
Wentworth, Fred. W., 113 Ellison
PERTH AMBOY—Dayton, J. H.
Growney, Jas.
Jensen, Jens K.
Smith, Howard

PLAINFIELD—Force, Chas. L., 12 Somerset pl
Fosgate, Blanchard, 820 Park av
French, Edw. V., 143 North av
Karr, Corydon P., 1108 Putnam av
Lancaster, Fred L., 1st Nat'l Bank bldg
Marsh, Augustus L. C., 325 Hillside av
PLEASANTVILLE—Rogers, Harry V.
RAHWAY—Ryno, W. L.
RED BANK—Shoemaker, Wm. A.
Swannell, Jos.
RIDGEFIELD PARK—Crandall, Edgar A.
Lozier, Cyrus J.
Mehrhof, Chas E.
RIDGEWOOD—Clinton, De Witt, Jr.
Fornachon, Maurice
Weekes, Raymond D.
Zabriskie, Walter C.
ROSELAND—Cass, W. Earle
SAYREVILLE—Dey, P. R.
SEABRIGHT—Jahnes, Nath'l
SOMERVILLE—Vandcrbeek, Jacques
Van Nuys, P. C.
SOUTH ORANGE—Baldwin, Chas. Henry
Duncklee, Jno. B.
SPRINGFIELD—Carter, Wm. P.
SUMMIT—Cady, Jno. N.
Penniman, Julian A.
Shapter, Rich. S.
White, Benj. W.
TRENTON—Bamford, W. Brokaw, Hamilton & Chestnut
Brouse, Sam'l A., 1st Nat'l Bank bldg
Endebrock, Wm. P., 124 Jackson
Finch, Hy. E., 144 E State
Harrold, Jno. W., 960 Brunswick av
Hill, Harry A., 40 E State
Keeler, G. W., 138 W Hanover
Osmund, Chas. S., Frost-Richey bldg
Poland, W. A., 11 W State
Slack, W. W., 18 E State
Swan, Abram, 17 Carroll
UNION HILL—Vivarttas, Percie A., 452 Palisade av
UPPER MONTCLAIR—Sigler, Ira
WALDWICK—Smith, Geo. B.
WATCHUNG—Kutz, Sam'l J.
WAVERLY PARK—Phelps, Fred'k A.
WEEHAWKEN—Butz, Geo., 146 Bergenline av
Diemer, Philip H., 128 Humboldt
Dixon, Robert C., Jr., Highland Terrace
Huberti, Fritz, 117 Boulevard
Lockington, Wm. H., Bulls Ferry rd
Louche, Wm. Howard, 201 Shippen
WESTFIELD—Collins, Edw. R.
Robinson, Robt. L.
WEST HOBOKEN—Hensel, Fred. A., 248 Summit av
McDermott, Edward, 582 Spring
McIntyre, G. B., W Spring st
Singer, John, Jr., 414 Spring
Soldwedel, Nicholas, 349 Clinton av
NEST NEW YORK—Turck, Jos.
WEST ORANGE—Lamb, Jno. J.
WOODBURY—Peddle, Chas. R.
WYOMING—Dow, Jay Wheeler

NEW MEXICO.

ALBUQUERQUE—Cristy, Edward Buxton
La Driere, J. L.
Spencer, F. L.
Wallingford, W. O.
LAS VEGAS—Martin, J. K., E Las Vegas
Rapp, I. H. & W. M.
ROSWELL—Nelson, J. M. & Co.
SANTA FE—Windsor, A.

NEW YORK.

ALBANY—Arnold, Louis S., 190 Livingston av
Brownell, C. H., 86 State
Ebenaus, Wm. J., 86 State
*Fleischman, Adolph, 59 N Pearl
Fuller, Albert W., 95 State
Heins, Geo. L. (State Architect), Capitol
Hoffman, Ernest, 3 N Pearl
La Rose, A. W., 2 Delaware av
Obenaus, Wm. J., Bensen bldg
Ogden, C. G., 63 State
Pitcher, W. B., 95 State
Reynolds, Marcus T., 100 State
Rose, Robert J., 130 Chestnut
Schade, Wm. C., 36 De Graaf bldg
Selkirk, Alex., Jr., 31 N Pearl
Wheeler, Wm. Arthur, Tweedle bldg
Woollett, Wm. L., 57 State
ALTAMONT—Wright, W. D.
AMSTERDAM—Cassidy, David D., Jr.
Hodge, F. H.
ASTORIA—(See N. Y. City, Borough of Queens)
AUBURN—Armstrong, Frank H., 90 Genesee
Conklin, Mark, Sewark blk
Hillger, Sam'l E., 96 Genesee
BABYLON—Kellwin, H. J.
Van Weelden, H.
BALDWIN—Carretto, Gustave
BATAVIA—Homelius, H. W.
Hyde, M. P.
BAYSIDE—(See N. Y. City, Borough of Queens)
BINGHAMTON—Dickerman, E. W., 3 Chenango
Gardner, H. A., Ackerman bldg
Jaerschky, Fred'k A., Binghamton bldg
Lacey, Sanford O. & H. A., Phelps Bk. bldg
*Lacey, T. I. & Son, Kilmer bldg
Vosbury, C. Edward, Binghamton Savings Bank bldg
Welch, Geo. S., 76 Coal
BREWSTER—Waite, Frank E.
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Back, Nicholas F., 47 Alexander
Berry, S. R., 445 Breckenridge pl
*Bethune, Bethune & Fuchs, 215 Franklin
Bradney, Jos. J. W., 806 Seneca
Brickell, W. S., 401 W Ferry
Cary, George, 184 Delaware av
†Candell, Wm. M., 397 W Utica
*Coxhead, John H., 928 Ellicott sq
Eckel, L. P., 191 York
*Esenwein & Johnson, Ellicott sq
Gaskin, Edw., Ellicott sq
*Green & Wicks, 110 Franklin
*Harris, T. W., Erie Co. B'k bldg
*Holland, H. O., 680 Main
Hyland, Thos. A., Ellicott sq
Johnson, Wm. W., Dun bldg
*Kent, Edw. A., 94 White bldg
Kuch, G., 581 Fillmore av
*Lansing & Beierl, 371 Pearl
Lewis, George T., 85 W Eagle
*Little, Hy. H., 56 Norwood av
*Loverin, T. H., D. S. Morgan bldg
McDonnell & Sons, 858 Main
Metzger, Edward, Prudential bldg
*Metzger, Geo. J., 19 W Huron
Miller, M. C., Mutual Life bldg
Minks, A. & Son, 191 14th
*Mohr, Fred. C. H., 265 E Utica
Oberkircher, J., 46 Orange
*Orr, Ulysses G., 32 Builders' Exchange
Percival, C. R., 60 Greenfield
Pickett, Edw. F., Prudential bldg
*Porter, Cyrus K., 73 W Eagle
Post, A. A., Mooney bldg
Reidpath, Robert J., Builders' Exchange
Saenger, Louis, 43 Krettner
*Schmill, Carl, Law Exchange
*Schmolle, Wm. L., Stafford bldg
*Waite, W. T., 13 Ger. Ins. bldg
*Wallace, Robert A., Builders' Ex.
Wannenwetsch, C. H. A., 563 William
Wettstein, Chas., 48a St
Woodruff, Sidney H., Mutual Life bldg, 500 Main
Zawadszki, W. H., 872 Fillmore
CARTHAGE—Brownell, J. P.
Patterson, A. W.
CATSKILL—Beardsley, C.
Warner, Geo. H.
CENTRAL SQUARE—Smith, Thos.
CHATHAM—Coon, Louis
Hunt, Alfred
COHOES—Goddard, Wm. M.
Van Auken, Chas. H.
Van Auken, David H.
COOPERSTOWN—Edgerton, C. C.
CORNING—Tuthill, H. G. & Son
CORNWALL—Woolley, Jno.
CORNWALL LANDING—Taylor, H. R.
CORONA—(See New York city, Borough of Queens)
CORTLAND—Howes, M. F. & Son
DEPEW—Glade, Jno. C.
EAST HAMPTON—Eldredge & Lawrence
EAST SETAUKET—Lyons, T. H.
EDDYVILLE—§Bailey, E. T.
ELMHURST—(See N. Y. City, Borough of Queens)
ELMIRA—Collier, D. M.
Considine, J. H., 323 Carroll
Dockstader, Otis, Robinson bldg
Ingham, John O., 112 Lake
*Pierce & Bickford, 118 Lake
EVERGREEN—(See New York City, Borough of Queens)
FAR ROCKAWAY—(See New York city, Borough of Queens)
FLUSHING—(See New York city, Borough of Queens)
FREDONIA—Curtis, E. A.
FREEPORT—Seaman, A. L.
FULTON—Cross, W. D.
GENEVA—Adams, Lloyd P., 73 Seneca
GLENS FALLS—Lawrence, W. E., Opera House blk
Potter, E. B., 40 Elm
Wilson, O. J., 132 South
GLOVERSVILLE—Beattee, A. A.
GOUVERNEUR—§Johnson, Jas. H.
§Stacy, Geo.
HAMBURG—Clark, Byron
HORNELLSVILLE—§Feehan, John
HUDSON—Moul, H. S., 405 Warren
O'Connor, M.
ITHACA—Dale, Alfred B., 102 E State
Gibb, Arthur N., Trust Co. bldg
Miller, Wm. H., 139 E State
Vivian, Clinton L., 120 E State
Wilgus, Jno. M., 6 Wilgus blk
Wood, Alvah B., 122 N Aurora
JAMESTOWN—Hall, Aaron & son, Prendergast
Morrison, J. Willard, Telephone bldg
Pederson & Son
JAMAICA—(See New York City, Borough of Queens)
KINGSTON—Kingman, Sam'l E., 293 Wall
Mason, Andrew F., 179 Wall
Teller, Myron S., 280 Wall
LARCHMONT—Butterfield, Alonzo C.
LITTLE FALLS—West, C. D.
LOCKPORT—*Greenfield, R. A.
†Huston, Wm. E., Lincoln bldg
Sylvester, J. W., 16 Pound
Wille, Lorenzo C., 421 Washburn
LONG ISLAND CITY—(See New York City, Borough of Queens)
LOWVILLE—Rich, W. H.
MALONE—Conant, Henry N.
MAMARONECK—Leddy, Andrew
Perin, H. Corbey
Will, Edwin R.
MARATHON—†Holmes, Jno.
MASPETH—(See New York City, Borough of Queens)
MATTEAWAN—Van Slyck, C. B.
MIDDLETOWN—Lindsey, F. J., 16 Union
Mapes, Jas. E., Linden av cor John
Staib, Kester W., Times bldg
MOUNT VERNON—Bowdoin, Harold M., 130 Claremont av
Horstall, W. H. A., P. O. bldg
Hufnagel, B., 140 E 1st
Jenks, A. Murray, 42 S 4th av
Krais, Wm., 28 S 7th av
MacKenzie, Colin, 136 Union av
Rapelye, Henry S., 103 S 6th
Stickles, Walter F., P. O. bldg
NEW BRIGHTON—(See New York City, Borough of Richmond)
NEWBURGH—Estabrook, Frank E., 75 2d
†Scott, Frank A., Front c 1st
Sneed, Frederick M., 56 2d
NEW ROCHELLE—Birdsell, Christ J., 251 Huguenot
Burchell, Nath'l J., 51 Maple av
Lupprain, Chas. A., 244 Main
Pagan, Frank D., 220 Main
Sundberg, August, 280 Main
Winter, Frederick E., 290 Main
Youngs, W. H. W.

NEW YORK CITY

Borough of Brooklyn

BROOKLYN—Albertson, H., 163 Hawthorne
Allen, T. J., 23 Ft. Greene pl
Arnold, Hans, 351 5th av
Bennett, Thos., 5123 3d av
*Berger, Louis & Co., 300 St. Nicholas av
Berlenbach, Francis J., Jr., 260 Graham av
Buchar, F. W., 1778 Pitkin av
Bush, Geo. W., 213 Montague
Bushman, A., Surf av & W 14th
Byrne, Wm., 564 Park av
Coco, Peter, Surf av n W 8th
Collin, Dwight R., 164 Montague
Collins, R. D., 166 Montague
Curtiss, Samuel, 213 Montague
*Danancher, Louis 256 E N. Y. av
Danmar & Co., Liberty & Thatford av
*Daus, Rudolph L., 26 Court
Debus, Wm., 808 B'way
Dennis, Ernest, 591 Liberty av
Dixon, Robert, 213 Montague
Driesler, Benj., 13 Willoughby
Earl, E. S., 1117 Halsey
Engelhardt, Theobald, 905 B'way
Finkensieper, Benj., 134 B'way
Funk, H., 300 Suydam
Gaylor, Edw. F., 84 B'way
Glover, J. G., 186 Remsen
Guetzel, Max, 526 E 29th
Hanson, Ernest, 213 Montague
Haribson, Saml., 2 Arlington pl
Harned, Sam'l D., 837 Herkimer
Haviland, Chas. S., 152 Bay 19th
Hedman, Axel S., 367 Fulton
Helmle, Huberty & Hudswell, 44 Court
Hendrickson, Eugene H., 117 Ainslie
Hirsekorn, Paul H. A., 539 Atlantic av
Holder, Henry, Jr., 867 Bedford av

Houghton, Thomas F., 213 Montague
Hudson, Benj. F., Ocean Parkway & Ft. Hamilton av
Infanger, Chas, 2632 Atlantic av
Ishan, Arlington D., 424 Flatbush av
Jones, Albert Jas., 753 F'bush av
Jordan, Max O., 670 Decatur
Kennedy, J. Sarfield, 44 Court
Kenny, George W., 450 3d
Koch, Arthur R., 26 Court
Koch, Herman H., Utica av, East pk'way
Le Quesne, C. A., 779 E32d
Lowe, Frank S., 186 Remsen
McCarroll & Olmsted, 375 Fulton av
McDonald, Jas. A., Surf av & Sheridans Walk
McDonald & Weales, 707 E 3d
McKee, E., 19th & Av U
McLean, A., 883 E 35th
Merritt, Jas. H., 44 Court
Morse, Geo. Francis, 470 E 17th
*Morse, George L., 303 Wash'n
*Morse, George L., 303 Washington
Morse, Geo. T., 307 Wash'n
Mullin, C. Whitley, 4 Court Sq
Mumford, John, 189 Montague
Murphy, M. J., 270 Union
Murphy, Sylvester P., Bath av n Bay 34th
Neuschler, Edw., 800 Sterling pl
Niebel, Jacob C., 59 Court
Osthoff, F. V., Jr., 1155 42d
Parfitt, Albert E., 26 Court
Pierce, A. White, 1129 Flatbush av
Pohlmann, Hy., 6005 5th av
Ranson, E. C., 321 Flatbush av
Rasmussen, R. T., 54 Graham av
Rissler, Andrew, 955 B'way
Roosen, Geo. F., 189 Montague
Ross, A. W., 131 Livingston
Ryan, Wm. J., 164 Ryerson
Schillinger, L. F., 167 Van Sicklen av
Schmidt, S. H., 1169 Myrtle av
Schubert, Constantine, 1832 Bath av
Schuster, Adolph A., 37 Kingston av
Sibell, H. G., 182 Franklin av
Skrzyneki, Gustav A., 350 Fulton
*Slee & Lapointe, 189 Montague
Smith, Hugo, 836 Broadway
Spicer, Henry L., 326 56th
Squires, Harry H., 150 Bay 19th
Stark, Jos. A., 1367 B'way
Stone, Edwin N., 1364 Dean
Thomas, Mercein, 16 Court
Tillion, Philemon, 776 Manhattan av
Ulrich, Albert, 373 Fulton
Ultzen, William, 612 Herkimer
Van Cleef, Henry C., 49 Court
Vollweiler, Hy., 696 Bushwick av
Voorhies, Chas. S., 44 Court
Voss, Louis H., 65 De Kalb av
Walsh, John C., 371 Fulton
Werner, Chas., 26 Court
Wessells, C. G., 276 E 5th
*Wheeler, Howard E., Bay 33d n Bath av
Whipple, Henry D., W 8th c Surf av
*Wilhelm, Richard B., 320 57th
Wills, Walter B., 17 Troutman
Wunder, Fred'k, 957 B'way
Young, Alex., 437 Hamilton av
Zwerg, E., Surf av & Jones' Walk

Boroughs of Manhattan & Bronx

NEW YORK—*Ackerman & Partridge, 156 5th av
*Adams & warren, 20 W 34th
Aiken, Mm. Martin, 33 Union Sq
Albro, L. C., 2 E 33d
*Albrecht, Frederick E., 655 Kingsbridge rd
*Aldrich, Chester H., 9 E 41st
Allen, Augustus N., 569 5th av
Allen, Paul R., 1133 B'way
Allen & Collins, 1 Madison av
*Almirall, Raymond F., 51 Chambers
*American Institute of Architects, N. Y. Chapt., 215 W 57th
*Ambrosius & Herzog, 332 E 14th
Amouroux, Geo. L., 125 E 23d
Amsler, Jacob H., 1159 E 169th
Anable, Richard D., 142 E 33d
Andersen, Henry, 1181 B'way
*Anderson, Geo. H., 103 E 125th
Anderson, R. Napier, 63 5th av
Andrus, Chas. M., 5 W 31st
Anthony, Holland Chace, 87 Nassau
*Architectural League of New York, 215 W 57th
Arctander, Arthur, 520 Willis
*Atterbury, Grosvenor, 20 W 43d
Atwood, Daniel T., 203 B'way
Audsley, W. & G., 41 Union sq W
*Babb, Cook & Willard, 5 W 29th
Bacon, Henry, 160 5th av
Badt, A. E., 1 Union sq, W
Baker, Hewitt S., 285 Morris av
*Baker, Jas. B., 156 5th av
Balch, Wm. A., 10 W 23d
Ballantyne & Evans, 22 Pine
Bannister & Schelk, 69 Wall
Barber, Donn, 24 E 23d
*Barlow, Alfred E., 5 W 31st
*Barney & Chapman, 520 5th av
*Bartlett, George M., 15 Broad
Bates, Wm. A., 5 W 31st
*Baudesson, Udo S., 825 Jackson av
Baxter, Chas. & Son, 2580 3d av
Baylies, Franklin, 34 Bible House
*Beale, Frank M., 58 W 57th
Beatty, W. Gedney, 55 B'way
Beers, Wm. H., 5 W 31st
Bell, Algernon S., 35 Nassau
Benedict, Eli, 1947 B'way
Benedict, Fred'k S., 156 5th av
Benedict, Wm. K., 11 E 42d
*Benson, J. P., 571 5th av
Bent, Francis H., 95 Liberty
*Berg, Charles I., 571 5th av
Berger, Bruno W. & Son, 121 Bible House
Berger, Richard, 309 B'way
Bergesen, John, 10 Bridge
Bergmark, Olof, Webster av, Depot sq
Bernstein & Bernstein, 72 Trinity pl
Betts, Edw. Stuart, 18 E 17th
Birdsall, Luther, 150 Nassau
Birge, Charles E., 5 W 31st
Birkmire, Wm. H., 396 B'way
Blake, Theo. E., 28 E 41st
Bloodgood, Wm. E., 8 York
Bluemner, Oscar, 29 W 42d
*Boehmer, Arthur, 751 Tremont av
*Boekell, Julius & Son, 54 Bond
Boese, John, 280 B'way
*Bonagur, Vincent, 971 Home
*Borie, John, 133 B'way
*Boring & Tilton, 32 B'way
Bossange, E. Raymond, 3 W 29th
Bosworth, T. H., Jr., 1170 B'way
Bosworth, Wm. W., 142 E 33d
Bower, W. Frank, 60 Liberty
Bowdoin, Harold M., 170 5th av
Bowman, H. C., 261 B'way
Boyd, Wm. S., 561 Hudson
Boylan, W. H., 60 Liberty
Brandner, Paul, 49 Liberty
Brandt, L. & J., 169 E 85th
Brazer, Clarence W., 122 E 23d
Brewster, Herbert R., 82 Wall
*Brick, Samuel R., Jr., 1 B'way
Brielmaier, E. & Sons, 24 E 21st
Brite, Jas., 111 5th av
Brogan, Patrick F., 119 E 23d
Brower & Gayle, 1133 B'way
*Brown, Edward J., 1143 E 175th
*Brown, Louis, 63 William
Brown, Wm. R., 1123 B'way
Browne, Fred'k C., 143 W 125th
Brun, Clement B., 3 E 28th
*Brunner, Arnold W., 33 Union sq, W
Bryson & Pratt, 21 W 34th
Buchman & Fox, 11 E 59th
Budd, Emery & Emery, Bible House
Budlong, Geo. H., E 201st nr Briggs av
Bunce, J. Oscar, 1133 B'way
Burchartz, Ferdinand, 14th & 4th av
Busselie, Alfred, 1133 B'way
Butler, Rodman & Oliver, 16 E 23d
Cable, Wm. A., 1183 B'way
*Cady, Berg & See, 6 W 22d
Caldwell, Chas. H., 160 5th av
Campbell, Jas. I., 29 E 19th
Canfield, VonBeck, 3 W 29th
Canfield, D. H., 31 Union Sq W
*Cardiff, J. A. F., 720 6th av
*Carpenter & Blair, 569 5th av
*Carrere & Hastings, 28 E 41st
*Casey, Edw. P., 1 Nassau
*Cashman, John B., 1 B'way
Cassin, Walter L., 7 Pine
Caswell, K. L., 114 E 31st
Chamberlin, G. Howard, 1183 B'way
*Chambers, Walter B., 15 Broad
Chapman, Josephine Wright, 57 W 10th
Chappell & Bosworth, 258 B'way
Chard, Thornton, 287 4th av
Chestersmith, Edw. B., 60 B'way
Child, Edw. S., 62 New
Chipman, Charles C., 220 B'way
Clafin, Fuller, St. James bldg
Clafiin, Wm. B., 1 W 34th
*Clark, Chas. S., 709 Tremont av
Cleverdon & Putzel, 41 Union sq, W
*Clinton & Russell, 32 Nassau
Cobb, Henry Ives, 115 B'way
Coco, Peter M., 19 Union Sq, W
Codman, Ogden, Jr., 569 5 av
Cole, Jas. W., 403 W 51st
*Colley, Chas. E., 130 Futlon
Colt, Stockton B., 287 4th av
Colton, F. B., 142 E 33d
Comstock & Meek, 7 W 38th
*Conable, G. W., 7 Wall
*Congdon, Henry M. & Son, 18 B'way
Conover, Warren H., 116 W 33d
*Constable, Howard, 22 E 16th
*Cooper, Jas. E., 24 E 23d
Copeland & Dole, 51 Exchange pl
Copley, Fred'k S., 510 Pearl
Corbett, Harvey Wiley, 31 Union Sq
Costello, Chas. A., 450 W 40th
Cotton, Leslie, 1123 B'way
*Covell, Wm. S., 1170 B'way
Covert, Stanley S., 266 G'wich
Cox, Jno., Jr., 156 5th av
Coy, Edwin S., 32 B'way
Cram, Goodhue & Ferguson, 170 5th av
Cramer, Lester A., 1133 B'way
*Crompton, Wm., 20 W 34th
*Cromwell, J. William, Jr., 3 W 29th
Cunningham & Bullard, 893 Jackson av
*Cutler, C. B., 12 Elm
*Cutter, Manly N., 21 W 24th
Cyrus & Dean, 1123 B'way
Darrach & Beekman, 1133 B'way
Darsh, Chas. H., 1133 B'way
Daus, Rudolph L., 130 Fulton
Davidson, Jno. A., 46 Cedar
Davis, Albert E., 494 E 138th
*Davis, Charles H. & Partners, 25 Broad
Davis, McGrath & Shepard, 203 B'way
Davis, Richard R., 247 W 125th
*Deane, E. Eldon, 503 5th av
*De Baud, Halsey C., 452 5th av
*De Gerdsdorff, Geo. B., 133 B'way
De Goll, Guyon, 253 B'way
*De Hart, John, 1039 Fox
d'Hauteville., Paul G., 24 E 23d
Dehli & Howard, 1193 B'way
6Delano & Aldrich, 9 E 41st
*De Lemos & Cordes, 130 Fulton
Dell, Louis E., 1133 B'way
Denby, Edwin H., 12 E 42d
*Dennis, Stanley A., 280 B'way
De Saldern, Arthur, 39 Cortlandt
Detwiller, Chas. H., 99 Nassau
Devoe, Henry M., 500 Park av
Dewsnap, Wm., 150 Nassau
*Dickerson & Avolin, 149th & 3d av
Dietrich, E. G. W., 320 B'way
Dillon, Arthur, 1 Nassau
Dilthey, Wm. J., 3 Union sq, W
Dissoway, C. M., 23 Park row
Dodge, F. H., 133 E 41st
Dodge & Morrison, 82 Wall
D'Oench & Yost, 289 4th av
*Donges, Christian, 245 B'way
Donnell, Harry E., 3 W 29th
Drew, Geo. S., Jr., 10 Bridge
Duboy & Jallade, 178 5th av
*Du Fais, John L., 3 W 29th
Duncan, Arthur M., 15 William
*Duncan, John H., 208 5th av
Dusinberre, R. E., 123 E 23d
Earl, E. D., 699 E 5th
*Ebbinghaus & Wallace, Olin av, n Lowmedo pl
Ebeling, Bernhard, West Farms rd, Van Nest
Ebeling, Fred, 420 E 9th
*Ebeling & Meyen, 192 Bowery
Ebert, G. J., 82 Lawrence
*Eidlitz, Cyrus L. N., 1123 B'way
Eisendrath, Simeon B., 41 W 24th
Elliott, Lynch & W. H. Orchard, 1 W 34th
Ellis, Edmund L., 1133 B'way
*Emerson, Wm., 81 Madison av
*Emery, M. L. & Hy. G., Bible House
Eurich, Frank, 1133 B'way
Evans, A. F., 150 5th av
*Ewing & Chappell, 501 5th av
Eyre, Wilson, 35 W 21st
Falk, Louis, 2785 3d av
Fanning, Thos. M., 217 W 125th
Farnsworth, Jas. M., 11 B'way
*Ficken, H. Edwards, 10 W 22d
Finkle, Alex. I., 48 White Plains av, Williamsbridge
Fischer, Adam E., 114 E 23d
Fitz-Mahony, Michael J., 29 W 42d
Flagg, Ernest, 35 Wall
Fletcher, Arthur G. C., 1133 B'way
Foster, Gade & Graham, 281 4th av
Fouchaux, Henri, B'way c W 162d
*Franke, Wm. B., 401 West End av
Franklin Engineering Co., 346 B'way
Franklin, Jno. B., 335 B'way

Franklin, Jno. B., Jr., 335 B'way
*Freedlander, Jos. H., 244 5th av
Freeman, Frank, 132 Nassau
Freeman, Geo. A., 566 5th av
French, Julius K., 1181 B'way
Friend, Jno. H., 148 Alexander av
*Frohling & Schoeller, 31 Union Sq
Fryer, Wm. J., 26 Cortlandt
Fuerst, Jno. E. K., 281 4th av
Furlong, H. Inman, 60 Liberty
*Gage, S. Edson, 3 Union sq, W
*Gallaune, Edmund, 80 William
Gandolfo, Everett E., 96 5th av
Gardner, Robt. W., B'way & 32d
Garvin, Michael J., 3307 3d av
*Gavigan, Jas. J. F., 1123 B'way
*Gay & Nash, 24 E 23d
Georgi, Edwin C., 83 East End av
Gerber, Fred'k A., 287 4th av
Gerber & Zimmerman, 287 4th av
*Gibson, Robert W., 76 William
Gielow, Henry J., 50 B'way
*Gifford, Chas. Alling, 18 E 17th
*Gilbert, Cass, 79 Wall
*Gilbert, Chas. P. H., 1123 B'way
*Gilbert, 50 B'way
*Gildersleeve, Raleigh C., 150 5th av
Giller, Louis, 416 B'way
Gillespie, G. Curtis, 7 Warren
Gillespie & Carrel, 1123 B'way
Ginsburger, Emil, 729 6th av
*Goldstone, L. A., 110 W 34th
Gollner, Ervin G., 176 B'way
*Gooch, Wm. Tyson, 25 Broad
Gordon, J. Riely, 156 5th av
Gottlieb, Albert S., 156 5th av
Graham, Thos., 45 W 21st
Grauert, Emile W., 10 W 22d
Graul, William, 887 E 182d
Greene, Ernest, 5 Beekman
*Greenley, Howard, 33 Union sq W
Griebel, Geo. H., 489 5th av
†Griesser, Wilhelm Construction Co., 11 B'way
Griffin, Percy, 244 5th av
*Griffith, Vincent Coyler, 96 5th av
Grimes, Marshall R., 39 E 42d
Gross, Sam'l, 348 E 84th
Gurd, Jno. A., 1193 B'way
Gumaer, Edw. B., 39 Cortland
Habersack, N. A., 705 Jackson av
*Haight, Chas. C., 452 5th av
Hale, Herbert D., 142 E 33d
Hamilton, C. C., 1 Madison av
*Hamilton, John A., 32 B'way
Harde & Short, 5 W 29th
*Hardenbergh, Henry J., 1 W 34th
*Harding, Geo. Edward, 253 Broadway
Hardy, Geo. F., 309 B'way
Harmer, Alonzo T., 309 B'way
*Harney & Purdy, 35 Nassau
Hasselman, Francis G., 566 5th av
Hauser, John, 358 W 125th
Hauser, Leo, 3 E 28th
Hausle, Frank, 358 E 121st
Haydel, Abner J., 156 5th av
Hays, Jesse A., 1135 B'way
Hazlett, Wm. C., 1133 B'way
Hebberd, Chas. E., 120 Liberty
Heidilberg, Max G., 1133 B'way
*Heins & La Farge, 30 E 21st
Hemstreet, Wm. F., 156 5th av
Henderson, Archibald C., 307 W 116th
Herter, Peter J. & Son, 54 E 59th
Herts & Tallant, 32 E 28th
Higginson, Wm., 17 Park row
Hill, Fred'k E., 1 Madison av
Hill, George, 100 B'way
Hill & Stout, 1123 B'way
Hinchman, Fred B., 15 Cortlandt
Hines, Frank H., 104 W 124th
Hiss & Weekes, 111 5th av
Hoar, Chas. N., 106 E 23d
Hoddick, August O., 57 W 24th
Hodson, F. Garvin, 569 5th av
Hoffmann, Eugene M., 27 William
Holden, Lansing C., 1133 B'way
Hollwedel, Henry C., 23 Union sq, W
Holly, Henry H., 39 W 27th
Holmes & Barry, 562 E 156th
Holt & Weidinger, 3 E 28th
Hopkins, Alfred, 111 5th av
Hoppin, Koen & Huntington, 244 5th av
Horenburger, Herman, 682 E 159th
Horgan & Slattery, 1 Madison av
Hornum, W. H. C., 33 W 42d
Horsfall, W. H. A., 395 B'way
Horwitz, B., 41 W 24th
*Hough, Wm. C., 99 Nassau
Howard, H. W., Jr., 45 E 42d
Howe, Augustus, 191 B'way
Howe, John E., 3 E 33d
Howell, Harry T., 138th & 3d av
Howells & Stokes, 100 William
Hull, Washington, 16 E 23d
Hume, Wm. H. & Son, 3 Union sq, W
*Hunt & Hunt, 28 E 21st
Hunter, Paul Cairns, 51 E 22d
Hunter, Wesley D., 96 5th av
Huntington, C. P., 142 E 33d
Huss, Geo. Martin, 1285 B'way
Hutchinson, Robert C., 126 Liberty
Hutton, F. H., 63 William
Hutton, Percival L., 178 5th av
*Ingle, John W., 109 W 42d
Isham, Arlington D., 132 Nassau
Israels & Harder, 31 W 31st
Ives & Whitfield, 160 5th av
Jackson, Arthur C., 28 E 41st
Jackson, Jos. A., 1123 B'way
Jackson & Rosencrans, 31 Union sq W
Jacobs, Harry A., 1133 B'way
Jacobsen, Fred., 128 W 18th
Jaeger, Fred'k, 1775 Weeks av
Jallade & Hutton, 178 5th av
Jallede, Louis E., 2109 B'way
Janes & Leo, 124 W 45th
Jardine, Kent & Jardine, 1262 B'way
*Jarmulowsky, Meyer, 165 E B'way
*Jennings, Arthur B., 82 Wall
Johnson, Carl P., 8 E 42d
Jones, Alonzo B., 11 E 59th
Jones, Bassett, 152 W 84th
Jones, Chas. G., 280 B'way
Jones, Richard C., 280 B'way
Jones, Sullivan W., 160 5th av
Jones, Wm. D., 245 B'way
Jones & Proctor, 63 William
Jordan, Robt. Frank, 40 W 33d
Josselyn, Edgar A., 45 E 42d
*Kafka, Hugo & Son, 34 W 26th
*Kastner, Julius & Son, 1133 B'way
Kaufman, Wm., 26 Cortlandt
Kaufmann, Edwin G., 32 E 23d
Kearney, J. W., 178 5th av
Kehoe, Alfred, 34 Park row
*Keister, George, 11 W 29th
Kent, Chas. N., Jr., 287 4th av
Kerby, John E., 452 5th av
Kieswetter, Pierce L., 63 5th av
*Kight, A. B., 1947 B.'way
*Kilburn, Hy. F., 156 5th av
*Kimball, Francis H., 71 B'way
King, David W. (Inc.), 520 W 36th
Kirby, Jos. M., 2121 5th av
Kirby, Petit & Green, 21 W 34th
Kissam, Henry Snyder, 156 5th av
Klein, E., 32 Nassau
*Knapp, Horace G., 112 W 42d
*Knoche, Gottfried, 516 E 72d
Knowles, Harry P., 315 W 93d
Knowles, Wilbur S., 1 W 34th
Knowles, Wm. W., 1133 B'way
Knubel, John H., 318 W 42d
Koehler, V. Hugo, 11 B'way
Koelble, Henry A., 103 E 125th
Kohn, Robert D., 170 5th av
Korn, Louis, 31 W 33d
*Kramer, Geo. W., 1 Madison av
Kruse, Conrad F., 103 E 125th
Kurtzer & Rentz, Germania Bk. bldg
Lamb, Thos. W., 3 28th
Lambert, Wm. A., 99 Nassau
Langer, Nathan, 81 E 125th
Lauritzen, Wm. C., 1133 B'way
Law, Henry H., 503 5th av
Lawlor, Jos. M., 220 B'way
Lawlor & Haase, 69 Wall
Lawrence, J. Melville, E 239th, Wakefield
Lawrence, Warrington G., 3 W 29th
Lawton, G. Marshall, 150 Nassau
Lawyer, A. B., 1133 B.'way
*Le Brun, N. & Sons, Metropolitan Life bldg
Leeming, Woodruff, 55 B'way
Lefferts, Frank B., 287 4th av
Leicht, Adolph F., 21 State
Leining, Lewis, Jr., 404 E 20th
Leo, John P., 770 St. Nicholas av
*Levitan & Fisher, 20 W 31st
L'Hommedieu, J. H., 1133 B'way
*Lienau, J. August, 1133 B'way
Little & O'Connor, 5 W 31st
Lohse & Musselbeck, 2021 Boston rd
Longyear, Arthur C., 126 Liberty
*Lord & Hewlett, 16 E 23d
Lowell, Guy, 42 E 23d
Lowinson, Oscar, 29 W 42d
Lowrie, Chas. N., 156 5th av
Lucas, Herbert, 1133 B'way
Luce, Clarence, 242 4th av
Luckhurst, Chas. A., 4 E 42d
Ludlow & Valentine, 1 E 27th
Lynch & Orchard, 1 W 34th
Lyons, Robt. T., 31 Union sq, W
*McCabe, Geo. M., 2 W 14th
*McCafferty & Buckley, 384 Park av
McElfatrick, J. B. & Son, 1402 B'way
McElroy, Geo. L., 1123 B'way
McGrath, Dudley, 203 B'way
*McGuire, Jos. H., 45 E 42d
McKenzie, Andrew C., 1123 B'way
McKim, Alex. R., 36 E 28th
*McKim, Mead & White, 160 5th av
McMillan, J. J., 111 E 205th
Mac Gregor, A. S., 335 B'way
MacKenzie, Clinton, 51 Chambers
Macintosh & Pauli, 55 Bible House
Magonigle, H. Van Buren, 7 W 38th
Malcolm, Dan'l G., 569 5th av
Maldura, Cav C., 21 E 14th
Mann, MacNeille & Lindeberg, 2 E 33d
Manning, A. J., 7 E 42d
Mapes, Wm. T., Demilt av, Wakefield
Marchand & Haskill, 81 Wall
Marsh, Augustus L. C., 97 Nassau
Marsh, Clarence W., 571 5th av
Marsh, David, 19 B'way
*Marshall, Henry Rutgers, 3 W 29th
Marshall, John W., 113 Bible House
Marvin & Davis, 1135 B'way
Masqueray, Emmanuel L., 156 5th av
*Mathews, Charles T., 281 4th av
Matthews, Jas. D., 39 E 42d
Mauer, L. C., 11th av & 26th
Maynicke & Franke, 298 5th av
Mazeau, Jean, 12th, Unionport
*Mellen, Nathan C., 27 W 30th
Merritt, Mortimer C., 58 W 31st
Mersereau, Wm. H., 32 B'way
Mertin, Adolph, 33 Union sq, W
Metcalf, Fred L., 108 Fulton
Metcalfe, Louis R., 3 W 29th
Metcalfe, Mortimer D., 1170 B.'way
Meyer, Theo. A., 27 William
Meyers, Charles B. (also Sanitary Engineer), 3 Union sq
Michel, John G., 49 Liberty
Milbur, Chas. A., 148th & 3d av
Miller, Chas. E., 111 Nassau
Miller, F. D., 2778 Decatur av
Miller, Geo. S., Main st, C. I.
Milne, Alex., 500 5th av
Minuth, Fred'k A., 289 4th av
Moehan, Jas. F., 1123 Hewitt pl
Moeller, Rudolph, 741 Tremont av
Mooney, Jno. B., 169 E 85th
Morgan, Jay H., 949 B'way
Moore, Frank A., 569 5th av
Moore, Jno. C., 76 William
Moore & Laudsiedel, 3d av & 148th
Morris, Benj. Wistar, Jr., 5 W 31st
Morris, Montrose W., 82 Wall
Morse, Geo. Francis, 160 5th av
Moses, Lionel, 156 5th av
Mosley, Richard K., 1 Nassau
*Mott, Chas. T., 23 W 34th
Mowbray, Wm. E., 1300 B'way

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Mowbray & Ufflinger, 92 Liberty
Muller, Max, 3 Chambers
Mulliken & Moeller, 7 W 38th
Murchison, K. M., Jr., 5 W 31st
Namur, Auguste, 1 Madison av
Napier, Arthur M., 25 W 26th
Nash, Thos., 1170 B'way
Necarsulmer, Edward, 33 Union sq, W
Neville & Bagge, 217 W 125th
Newman, Thos. L., 41 Liberty
Nitchie, John E., 150 Nassau
Nolan, Jno. F., 30 E 14th
Norris, Albert F., 150 Nassau
North, E. R., 9 Maiden Lane
Oberlein, Louis, 19 Whitehall
O'Brien, Morgan M., 600 Grand Central Depot
O'Connor, J. W., 1 W 34th
Ogden, S. B. & Co., 954 Lexington av
O'Hea, Wm. A., Woodycrest av & E 165th
Olcott, Horatio W., 156 5th av
O'Meara, Jno. S., 100 E 83d
O.'Reilly, Geo. M., 123 E 44th
O'Rourke, Geo. A., 3d av av & 148th
Otto, Carl L., 1 W 34th
Paddock, A. Nettleton, 20 W 42d
Pagan, Frank D., 1 Madison av
Pagano, Peter J., 1667 Wash'n av
Palliser, Geo. (Inc.) (Chas. H. Palliser & Elmer J. Palliser), 41 W 24th
Palmer & Hornbostel, 63 William
Parish & Shroeder, 5 W 31st
Parsons, Robt. E., 3 Union sq, W
Parsons, Wm. E., 156 5th av
Pelham, Geo. F., 503 5th av
Pell, F. Livingston, 31 Union Sq
Pelton, Henry C., 1133 B'way
Perkins, Frank E., 3 W 29th
Phelps, Stowe, 20 W 43d
Pickering & Walker, 5 E 42d
Pierson, Walter B., 72 Trinity pl
Pigueron, Wm. G., 32 Union sq
Pitcher & Tachau, 32 E 28th
Pittman, Henry C., 156 5th av
Platt, Chas. A., 36 E 20th
Pollard & Steinam, 234 5th av
Poole, Thos. H. Co., 13 W 30th
Pope, J. Russell, 1133 B'way
*Porter, Albert V., 621 B'way
Post, Chas F., 32 Nassau
*Post, Geo. B. & Sons, 33 E 17th
Potter, Wilson, 3 Union sq, W
*Price, Bruce & DeSihour (J. H. De Sibour), 1133 B'way
Pryor, Robt. W., 333 4th av
Purdy, Wm. S., 35 Nassau
*Quinby, Frank H., 99 Nassau
Radcliffe & Kelley, 3 W 29th
Rafalsky, Mark, 170 B'way
*Rahman, Wm. H., 9 Grand Circle
*Randall, T. Henry, 51 Madison av
Raymond, Wm. Oakley, 17 B'way
*Reed, S. Burrage, 245 B'way
Reed & Stem, 7 E 42d
Regelmann, Henry, 133 7th
Reid, Chas. E., 105 E 14th
Reiley & Steinback, 481 5th av
Reinisch, Edw. A., 2315 Cambreling av
Reissmann, O., 30 1st st
Renner, Morgan M., 11 B'way
Renwick, Wm. W., 39 W 27th
*Renwick, Aspinwall & Owen, 367 5th av
Rezzano, Angelo, Vannest st
Rich, Chas. A., 35 Nassau
Richter, Chas. H., Jr., 68 Broad
Rinn, F. W., 621 B'way
Ritterbusch, Conrad, 156 5th av
*Robertson & Potter, 160 5th av
Robins, W. Powell, 19 Liberty
Robinson, Gilbert & Son, 39 Hancock pl
Robinson, Jno. Beverly, 500 Park av
Robinson & Knust, 164 5th av
Rogers, Robt. E., 150 Nassau
Rohl, Richard, 128 Bible House
Romeyn, Chas. W., 55 B'way
Rooke, Frank A., 489 5th av
Roos & Booraem, 49 Cedar
Rose, Charles Fred'k, 1 Madison av
Ross, Albert R., 542 5th av
*Ross & McNeil, 39 E 42d
Rossell, Harry C., 35 Nassau
Rossiter & Wright, 95 Liberty
Rothermel, Albert, 663 E 148th
Rouse & Sloane, 11 E 43d
Rouzee, Wm. M., 80 5th, Wmsbridge
Rowland & Eurich, 1133 B'way
Roystone, W. H., 10 E 14th
Rupp, R. C., 258 B'way
Sargent, Edw. A., 1 B'way
Sass & Smallheiser, 23 Park row
Satterlee, E. Lansing, 60 E 78th
Satterthwaite, Pennington, 27 E 22d
Saussez, Lucien, 308 W 129th
Sawyer, Philip, 156 5th av
Scharsmith, Jno. E., 500 5th av
Schellenger, Gilbert A., 27 E 21st
*Schickel & Ditmars, 111 5th av
Schlesinger, Fred'k S., 880 E 161st
Schmitt, Anthony F. A., 604 Courtlandt av
Schneider & Herter, 48 Bible House
Schwanewede, Wm. F., 1347 Clinton av
Schwartz & Gross, 35 W 21st
Schwarz, Gustav, 554 E 158th
Schweitzer & Diemer, 45 Leonard
Scott, Worthington, 949 B'way
Seaman, Preston B., 156 5th av
See & Silkworth, 1133 B'way
Shattuck, E. L., 504 Grand
Shepard, Augustus D., Jr., 170 5th av
Shire, Edw. J., 22 Pine
Simon, Bernhard, 1123 B'way
Simonson, B. Hustace, 234 5th av
*Slocum, S. Gifford, 156 5th av
Small & Schumann, 265 B'way
Smith, Chas. H., 81 New
Smith, Fred'k G. C., 20 E 42d
Smith, Henry A., 1181 B'way
Smith, Lyndon P., 156 B'way
Smith, O. B., 1 E 27th
Smith, Wm. Neil, 40 W 33d
Smith, Wm. Wheeler 7 Wall
Smyth, Douglas, 19 Liberty
Smyth, Sam'l, 41 Liberty
Snelling & Potter, 1170 B'way
*Snook, John B. & Sons, 261 B'way
*Snyder, Chas. B. J., architect to Board of Education, 500 Park av
Sommerfeld, W. C., 19 Union sq
Spannhake, Otto L., 200 E 79th
Spindler, Julius, 1010 Wash'n av
Spitzer, Geo. W., 411 Lenox av
Stegmayer, Charles, 306 E 82d
Stein, Cohen & Roth (Inc.), 92 5th av
Steinmann, Herman, 66 New
Steinmitz, Christian, 60 Liberty
Stephenson, Robt. S., 1 E 27th
Stevens, Alex., 157 E 67th
Stewart, Francis G., 76 William
Stirratt, Geo., 68 Bible House
Stoddart, W. L., 1 Union sq
Stokes, I. N. Phelps, 100 William
Stone, David, 20 Bible House
Stone, Fred'k S., 55 B'way
Stone, Wm. E., 55 B'way
Storm, Edwin R., 160 5th av
Stoughton, C. W. & A. A., 96 5th av
Strack, Otto, 121 E 23d
Streeton, Geo. H., 289 4th av
Strindberg, Erik, 156 5th av
Strom, Wm., 39 Cortlandt
Strong, Carlton, 170 B'way
Strout, Wm. A., 31 Nassau
Styles, John E., 181 B'way
Styles, Thos., 449 W 28th
Summerville, F. M., 1123 B'way
Sutton, Chas. M., 70 5th av
Symonds, Wm. H., 23 W 24th
Taylor, Alfred H., 55 W 33d
Taylor, Alfredo S. G., 24 E 23d
Taylor, Clarence B., 1123 B'way
Taylor, Everitt K., 156 5th av
Teale, Oscar S., 35 B'way
Teller, Myron S., 287 4th av
Terney, Chas. F., 138 Liberty
Thain & Thain, 4 E 42d
Thinnes, J., Jr., 425 5th av
Thom & Wilson, 1123 B'way
Thomas, Fred'k C., 33 E 17th
Thompson, Alfred, 96 5th av
Thompson, G. Kramer, 66 B'way
Thomson, A. G., 88 Beekman
Thomson, Theo. E., 765 Tremont av
*Thorp, Alfred H., 489 5th av
Thorp, J. Greenleaf, 3 W 29th
Thouvard, Louis, 289 4th av
*Tilton, Edw. L., 32 B'way
Tompkins, John Almy 20 W 43d
Townsend, Ralph S., 29 E 19th
Tracy & Swartwout, 156 5th av
*Trowbridge & Livingston, 424 5th av
True, Clarence, 729 6th av
*Tryon, Thos., 33 Union sq
*Tuhby, Wm. B. & Bro., 81 Fulton
Tucker, Allen, 19 Liberty
Turner & Kilian, 9 Maiden la
*Tuthill, Wm. Burnett, 287 4th av
Tuttle, Harry W., 150 5th av
Ufer, Edw. W. F. & Co., 876 B'way
Van Auken, Geo. H., 30 E 14th
Van Cleef, Henry C., 220 B'way
*Van Pelt, Jno. V., 501 5th av
Van Suetendael, Arthur J., 1133 B'way
Van Vleck & Goldsmith, 111 5th av
Van Winkle, Franklin, 39 Cortlandt
Vickers, Nathaniel W., 452 5th av
Visscher, Theo. C., 425 5th av
Voelker, John P., 979 3d av
Volz, Chas., 160 5th av
Von Leistner, Edward, 489 5th av
Vreeland, Jacob J., 1965 Webster av
Wagner, Herman, 420 E 48th
Waid, D. Everett, (and Consulting Architect), 156 5th av
Walgrove, Geo. M., 42 E 23d
Walker, Hobart A., 31 Nassau
Walker, Walter L., 20 W 43d
Walker & Morris, 24 E 23d
Wallace, Jos. H., 5 Beekman
Wallis, Frank E., 1123 B'way
Walther, John P. & Bartholomew, 145 E 125th
Ward, Frank F., 203 B'way
Ward, W. Ward, 18 W 31st
*Ware, Jas. E. & Son, 1170 B'way
Ware, Wm. R., 417 W 118th
Warren, Chas. P., 20 W 34th
Warren & Wetmore, 3 E 33d
Warrington, Leslie G., 35 W 21st
Weber, Henry Adam, 1 River View Terrace
*Weiher, Lorenz F. J., 103 E 125th
Welch, Smith & Provot, 11 E 42d
Wells, Edmund B., 5 W 31st
Wells, J. Hollis, 32 Nassau
Werner, R., 3719 3d av
Werner & Windolph, 27 W 33d
Westervelt & Austin, 7 Wall
Weher, Henry Adam, 1 River View Terrace
Wheeler, H. Herbert, 233 5th av
Wheeler, Dunham, 115 E 23d
White, Benj. V., 9 Maiden lane
White, Henry J., 120 Liberty
Whitfield & King, 160 5th av
Wilbur, Edwin, 120 Liberty
Wilcox, Burton L., 135 5th av
Wilkinson, Henry W., 1133 B'way
Williams, John T., Jr., 27 William
Wilson & Visscher, 156 B'way
Winkelman, Chas. F., 1133 B'way
Winterburn, Fred'k W., 32 Nassau
*Wolf, Jos., 1 W 34th
Wolfgang, Franz, 787 Tremont av
Wood, Arthur W. B., 1 Madison av
Wood, Geo. E., 63 William
Wood, John A., 191 B'way
Wood, Donn & Deming, 31 Union Sq, W
*Wright, Frank M., 503 5th av
Wulff, Chas. A., 569 5th av
Wynn, H. G., 123 E 44th
York & Sawyer, 156 5th av
Young, Edw. Lee, 127 E 23d
Young, Wm. E., 10 W 23d
Zipkes, Maximillian, 21 Park Row
Zohel, Fred'k C., 24 E 21st

BOROUGH OF QUEENS.

BAYSIDE—Sinclair, John A., 2d st
Van Riper, A. M., P. O. Box 47
ELMHURST—Card, Isaac P., Union av
Hendry, Chas., Trains Meadow rd n 4th
EVERGREEN—Hetzelt, Louis, 538 Ralph
FAR ROCKAWAY—Bogart, Albert J., Horton bldg
Kaiser, Geo. J., Remsen av
Smith, Morrell, Central av n Cornaga
FOSTER'S MEADOW—Hubner, Jos.
FLUSHING—Collins, Frank A., 71 B'way
Friend, Fred'k, 27 Boerum av
Parsons, Robt. E., 40 Bowne av
Richardson, Albert E., 45 Percy
Wick, Geo. W., 69 B'way
JAMAICA—Danmar, Wm., 5 McAuley pl
Finn, Wm. A., 352 Fulton
Harmer, A. T., Longfellow av n Liberty av
Tuthill & Higgins, 359 Fulton
LONG ISLAND CITY—Ankener, Ernest, 140 12th av
Baker, John M., 85 Borden av
Horak, Rudolph, 256 Steinway av
Kauhisch, John, 421 Webster av
McAuliffe, Jer. D., 118 5th
Meyer, John F., 242 3d av
Sauermilch, Emil G., 506 B'way
Scherer, Gustav S., 150 Grand av
Seaman, Preston B., 104 Main
MASPETH—Rissler, Andrew, High st
OCEANUS—Davis, John F., Boul. n Fairview av
Smith, Wm. R., Dodge av c Surf av
Witherby, Chas. L., Boul & Hammel av
RICHMOND HILL—Brock, Jos., Jamaica av
Haugard, Henry E., Jamaica av & Maple
Moore, Thos. J., Elm n Jamaica av
Murphy, John M., Spruce n Beaufort
Wallace, V. M., Jamaica av c Chestnut
Vanderbeck, C. W., 2605 Jamaica av
ROCKAWAY BEACH—Keefer, F. P.

WHITESTONE—Berner, Rob't, 13th n 8th av
Rogstad, Oliff, 7th av
WOODHAVEN—Bennett, Wm. A., 139 6th
Brower, Alex., 2d n Shaw av
Hayes, Thos. F., Atlantic av n Woodhaven
Jaeger, Louis, 170 Shaw av Junction
Lepage, Matthew, University pl
Wylis, Percy, 136 3d

Borough of Richmond

NEW BRIGHTON—Esterbrook, Jos., 41 York av
Post, Chas. F., 36 Sherman av
PORT RICHMOND—Aimer, L. Jerome, 8 Bick-
Perkins, Thos. C., 66 Rich ter ford av
Whitford, Jas., Nat'l Bank bldg
STAPLETON—Copley, Fred'k S., 339 Rich rd
Otto, Henry G., 3 Laurel av
Schafer, Alfred, 41 Gordon
TOMPKINSVILLE—Loemer, Otto, 68 Bay
TOTTENVILLE—Sprague, Henry L., 16 Eliott av
WEST NEW BRIGHTON—Allen, William H., Manor rd
Gollner, Ervin G., 87 Columbia
Winans, Jno., Bement av & Forrest

(END OF NEW YORK CITY.)

NIAGARA FALLS—Joralemon, E. E., Gluck
Larke, Simon, 608 Elmwood av bldg
Phelps, C. R., Gluck bldg
White, Jas. R., Crick bldg
Wright, Geo. W. & Co., Arcade
NORWICH—Cook, W. H. 3d floor, Holmes blk
NORTHPORT—†De Vean, John D.
NYACK—De Bann, Cornelius
Emery, Marshall L. & Henry G.
Simonson, J. B.
Smith, W. H.
OCEANUS—(See N. Y. City, Boro. of Queens)
OGDENSBURG—Williams & Johnston, 40 Ford
ONEIDA—Skinner, Theo. H.
Tillotson, W. Irving, 2 Kenyon bldg
ONEONTA—Blend, L. H.
OSWEGO—Seeber, Jn.
PATCHOGUE—Havens, A. F.
PAYMYRA—*Blaby, Joseph, Jarvis blk
PEEKSKILL—Barker, Asbury
Travis, Cyrus H.
PHELPS—McKinney, Corliss
PLATTSBURG—Signor, R. S.
PORT CHESTER—Ponty, D. H., Jr.
Seyfert, H. Paul
Volz, Charles
PORT HENRY—Curtis, John B.
PORT JEFFERSON—Smith, W. I.
PORT RICHMOND—(See New York City, Borough of Richmond)
POUGHKEEPSIE—Beardsley, Wm. J., 42 Mar-
Carpenter, Du Bois, 45 Market ket
Lloyd, Percival M., 39 Market
Wheeler, Corydon, 333 Main
RHINEBECK—Deeker, R. A.
RICHMOND HILL—(See New York City, Borough of Queens)
RIVERHEAD—Skidmore, Geo. H.
ROCHESTER—*Block, Otto, Wilder bldg
Bragdon & Hillman, Cutler bldg
Brockett, F. A., 84 S Goodman
Brockett, W. J., Powers bldg
Byers, Matthew T., 16 State
Byers, Robt. S., 16 State
Corbett, Lawrence, 129 Weld
Crandall, Chas. F., E. & B. bldg
Fay & Dryer, 62 East av
*Foote & Headley, Cutler bldg
Gordon & Madden, Triangle bldg
Hutchinson, Geo. F., Granite bldg
*Kelly, W. Foster, 20 Exchange
Knebel, Oscar, Livingston bldg
Larzelere, H. L. Cox bldg
Lempert, Leon H. & Son, 31 Pearl
Oberlies, Jos H., Granite bldg
Otis, George T., Cutler bldg
Pierce, Herbert W., 185 S Fitzhugh
Platt, J. Mills, 921 Cham. of Com. bldg
Richardson, W. H., 167 Troup
Salter, James A., 16 State
Stern, Leeon, Cham. of Com. bldg
Strobel, Jno. F., E. & B. bldg
Tyler, Jas. R., E. & B. bldg
Walker, Wm. C., E. & B. bldg
Warner, A. J., Powers bldg
*Warner, J. Foster, 1036 Granite bldg
Wengender, John, 22 Kelly
ROME—Kirkland, F. W.
Schillner, G. C.
Storey, Oliver J.
RYE—Wainwright, Richard T.
SAG HARBOR—Bessenden, W. A.
Thomas, J. H.
SANDY HILL—Cunningham, Jno. J.
McCarty, James
SARANAC LAKE—Scopes & Feustmann
SARATOGA SPRINGS—Brezee, R. Newton
Vaughan, F. G.
SAYVILLE—Green, Isaac H., Jr.
SCARBORO—Arnold, Clinton S.
SCHENECTADY—Clemishire, E. C., 15 Uni-
Clift, Chris., 703 State versity pl
Davis, Edward L., Clinton st
Dutcher, Philip, 56 State
Fink, H. A., 9 Phoenix av
Finch, Oren, State & Jay
Hayne, L., 174 Lafayette
Heidrich, Chas. A., 440 State
Lindley, Arthur G., 504 State
Looschen, J. B., 437 State
Mynderse, W. T. B., 277 State
Niver, Worthy, 16 Eagle
Perrault & Levesque, 216 S Clinton
Van Rensselaer, C. G., 175 Jay
Wirestone, Geo. C., 636 Hamilton
SPRING VALLEY—Eickhoff, O. S.
STAPLETON—(See New York City, Borough of Richmond)
SYRACUSE—Bates, John, 730 S Crouse av
Brockway & Taylor, O. C. S. Bk. bldg
Colton, Chas. E., Kirk bldg
Conway, Merritt C., 112 E Jefferson
Dillenbeck, Norman E., Everson bldg
Gaggin & Gaggin, University bldg
Gillette, Thurber J., 811 Park
Hendricks, Jacob F., 835 Emerson av
Johnson, Chas. H., The Bastable
Makepeace, M. D., Everson bldg
*Merrick & Randall, Sedgwick, Andrews & Kennedy bldg
Russell, Archimedes, 321 The Bastable
Stedman, Wm. H., 116 7th, N
Taber, Wellington W., O. C. B. B'k bldg
Wilsey, Chas. D., Nottingham bldg
Wright, Gordon A., O. C. S. Bk bldg
Young, Jno., 2706 Lodi
TARRYTOWN—Minnerly, Harry Storms
TOMPKINSVILLE—(See New York City, Borough of Richmond)
TOTTENVILLE—(See New York City, Borough of Richmond)
TROY—Cummings, M. F. & Son, Nat'l State Bank bldg
Demers & Campaigne, Ilium bldg
Fielding, Harry P., 275 River
Goodfellow, Irving, 251 B'way
Hopkins, C. B., 14 State
Lee, Stanton P., 314 Cannon pl
Loth, Edw. W., 253 B'way
Noack, B. J., 13 State
Sweet, Wm. A., 7 Brunswick pl
UTICA—*Agne, Rushmer & Jennison 31 Arcade
*Cooper, G. Edw., 236 Genesee
George, Richard A., 69 Genesee
*Gouge, Fred'k H., Winston bldg
Hohbs, Jno. A., 191 Genesee
Hubbard, Melvin H., 82 Arcade
WATERTOWN—*†Dewey & Smith. Savings Bank bldg
Kieff, D. D., 24 Flower bldg
Lansing, A. F., Burdick blk
WATERVLIET—Waterman, Alanson S., 1807 2d av
WEST NEW BRIGHTON—(See New York City, Borough of Richmond)
WHITE PLAINS—Brown, Frank Horton
Moore, Jno. C.
Purdy, T. Milton
WHITESTONE—(See New York City, Borough of Queens)
WOODHAVEN—(See New York City, Borough of Queens)
YONKERS—Bassett, Elliott T., 19 N B'way
Cowles, Geo. S., 8 Getty sq
de Meuron, F. A., 87 Main
Forsyth, Edw. A., 45 Warburton av
Grewey, Emil, 45 Warburton av
Philip & Schonback, 85 Glenwood av
Phillips, Frank, 47 Morningside av
Quick, Edwin A. & Son, 18 S B'way
Rayner, Geo. & Sons, 13 Warburton av
Snyder, Wm. F., 3 Palisade av
Tait, Wm. O., Rossmore av
Vandenarend, Nicholas, 578 Palisade av
Van Suetendael, Arthur J., 15 N B'way

NORTH CAROLINA.

ASHEVILLE—Lord, Wm. Henry
Melton, Allen L.
Smith, R. Sharp
CHARLOTTE—Hook & Sawyer
McMichael & Hunter
Robins, O. A. & Co.
Smith, Chas. W.
Wheeler & Runge
CONCORD—Propst, A. A.
DUNHAM—Linthicum, H. C.
GREENSBORO—Foulk, S. W. & Son
Hopkins, J. H.
Weston, F. A.
NEW BERN—Eubank, Geo. C.
Simpson, H. W.
OXFORD—Hicks, W. J.
Hundley Bros. & Co.
RALEIGH—Barrett, Chas. W.
Hartge, C. E.
Rose, Wm. P.
SALISBURY—Ramsay, Jno. E.
STATESVILLE—Lester, C. H. & Son
WILMINGTON—*Bonitz, H. E., 15 Princess
McMillen, Charles, 225 N Front

NORTH DAKOTA.

ELLENDALE—§Brown, John A. & Martin
§Mallory, William
FARGO—Albrant, W. C.
Beebe, M. E.
HANCOCK BROS.
O'Shea, A. J.
GRAFTON—Mott, J.
GRAND FORKS—De Remer, Jos. B.
Edwards, W. J.
Friedlander, J.
Lawson, Thomas L.
Ross, J. W., Rooms 20-22 Security blk
WAHPETON—Schuler Bros.

OHIO.

AKRON—Bunts & Bliss, Hamilton bldg
*Ginther, Wm. P., Arcade bldg
*Henry, Chas. & Son, 117 E Market
Rush, M. P.
*Weary & Hapster, Akron sav. Bank bldg
ASHTABULA—Thayer & Wilson
BARBERTON—Collins & Morgan
BOWLING GREEN—Brown, Homer C.
CANAL DOVER—Romig, S. A.
CANTON—Kaufman, G. M., Central Sav. Bank bldg
Ostermayer, Robt. Harter, Bank bldg
Tilden, Guy, Schaefer blk
CHILLICOTHE—Cook, John F.
CINCINNATI—Baldwin, Bert L. & Co., Perin
Bast, Adam J., 2132 Baymiller bldg
Bausmith, W. P., Johnston bldg
*Boll & Taylor, 1st Nat'l Bank
Brown & Davis, Fosdick bldg
Burbank, Harry, Blymyer bldg
Coyle & Schoonmaker, 418 Vine
§Crapsey & Lamm, 7th & Race
De Camp, Benj. C., Neave bldg
*Des Jardins & Hayward, St. Paul bldg
Diss, Charles, 1202 Cutter
Dittoe & Wisenall, Blymyer bldg
Dornette, Edward H., Pickering bldg
*Drach, Gustave W., Union Trust bldg
*Elzner & Anderson, Ingalls bldg
Fasse, Chas. H., 2456 Gilbert av
Fisher, Martin, 2156 Central av
Foster, C. M., Johnston bldg
Franklin, Wm. W., c 5th & Race
Garber & Woodward, Johnston bldg
*Godley, S. S., 803 Neave bldg
*Hake, Harry, Union Trust bldg
*Hannaford, S. & Sons, Hulbert blk
James, Andrew R., City Hall
Kraemer & Co., 206 E 5th
Kuckertz, Jacob H., 1713 Sycamore
Kunz, Anthony, Jr., 955 W Court
*McLaughlin & Gilmore, Johnston bldg
Peacock, Samuel D., 12 E Commerce
Pfeiffer, Philip G., 10 E McMillan
Piket, Louis, 114 W Nixon
Rabenstein, Chas. G., 7 Eastview av
*Rapp, Zettel & Rapp, Johnston bldg
Rieg & Marty, 2554 Vine
Rueckert, Emil G., 38 E McMicken av
Rueckert, Jacob J., c 12th & Walnut
Schlochtermeyer, Edw., Hopkins c Linn
Schneidle, Jos. Co., Harrison av & Colerain av
Sheppard, Gordon, Commercial Tribune bldg
Steinkamp, Jos. G. & Bro., Mercantile Library bldg
Striker, John P., 612 W 5th
Tietig & Lee, Commercial Tribune bldg
Tischler, Edw. R., Bracken rd, Westwood
Weber, C. C., 1st Nat'l Bank bldg
Werner, Adkins & Burton, 77 Mitchell bldg
CLEVELAND—Badgley & Nicklas, 1273 Euclid av

Baird, Fred'k, American Trust bldg
Barnum, F. S. & Co., Rose bldg
Blackall & Page, Schofield bldg
Bohm, G. B., Williamson blk
Bohnard, Wm. A., 226 Oliver
Cass, Edson A., 2653 Euclid av
Cole, Chas. E., Colonial Arcade
Corlett Engineering Co., Cuyahoga bldg
Corning, Burt W., 2780 Superior
Dolman, John W., 180 Dodge
*Dunn, W. H., Cuyahoga bldg
Dutton, Wm. Stillman, Rose bldg
Dyer, J. Milton, Cuyahoga bldg
*Eisenmann, John, The Arcade
French, A. A., Cuyahoga bldg
Fugman, Godfrey, Ambler Hts
Gleichman, Morris M., 29 Euclid av
Hall, Wilbur M., The Arcade
*Hammond, Geo. F., 166 Euclid av
Hannon, Arthur M., Rose bldg
Harks, Henry J., Beckman bldg
Hodges, Fred'k F., Rose bldg
Hodges, Wm. W., Rose bldg
*Hopkinson, Chas. W., 900 Rose av
*Hubbell & Benes, Citizens' bldg
Hubby, R. G., Hickox bldg
Janowitz, Albert F., 176 Euclid av
Jansen, Wm. C., 262 Prospect
Kauffman Architectural Co., Caxton bldg
King, Geo. S., 204 Superior
Knox & Elliot, Mercantile Bank bldg
Lehman & Schmitt, Garfield bldg
Lougee, Wm. S., The Arcade
Matzinger, Paul, The Arcade
Meade & Garfield, Garfield bldg
Mitermiler, Andrew S.
Osborn Engineering Co., Osborn bldg
Oviatt, A. N., 589 The Arcade
Randall, J. F. & Co. (Mills & Mfg. Plants, etc.), 166 Euclid av
Richardson, Edw. A., 262 Prospect
Ritchie & Ruple Cham. of Com bldg
Roberts & Abbott Co. (Railway), Electric bldg
*Sabin, Wm. Warren, New England bldg
Sanford, Harry W., Citizens bldg
*Schweinfurth, Chas. F., New England bldg
Scofield, Donald C., Schofield bldg
Scofield, Levi T., Schofield bldg
Scofield, Sherman W., Schofield bldg
Scofield, Wm. M., Schofield bldg
Searles & Hirsh, Electric bldg
Shimmin, Harlen E., Rose bldg
Skeel, Albert E., Rose bldg
Skeel, Frank D., Caxton bldg
Smith, Edward E., Williamson bldg
*Smith, Geo. H., 29 Euclid av
Sprackling, A. E., Citizens bldg
Stedman, Chas. R., Superior bldg
Steffens, Geo. H., Williamson bldg
Striebinger, Frederic W., New England bldg
Stuhr, Herman F., Rose bldg
Swigart, Herbert, 176 Euclid av
Tenbusch, Gerhard A., Rose bldg
Thomas, Lewis W., 262 Prospect
Touslev Chas. E., 262 Prospect
Ulrich, Emile M., Colonial Arcade
Vana, Frank J., 87 Ballou
Van Develde, Bernard F., 158 Superior
Watterson & Schneider, New England bldg
COLUMBUS—Bellows, C. W., 29 Ruggery
Dauhen, Joseph, Eberly bldg
Dawson, Richard Z., Jr., Outlook bldg
Elliott, Fred'k W., Board of Trade bldg
*Freese, J. M., Wesley blk
Hannaford & Sons, Deshler blk
Hart, E. W. & Co., Columbia blk
Jones, H. Chas., Deshler blk
Jones, J. A. Dispatch-Butler bldg
*Linthwaite, H. A., 101 S High
Maetzel, Henry & Co., 284½ S High
Mills, Wilbur T., 233 N High
*Packard, F. L., Hayden bldg
*Richards, McCarthy & Bulford, Ruggerly bldg
Rickett, E. H., Columbia bldg
Riebel, David, Eberly bldg
Schlapp, P. A., 101 S Scioto
DAYTON—Andrews, F. M., Conover bldg
Brubaker, Sam'l H., Reibold bldg
*Dexter, Robt. E., Canby bldg
Gemin, Chas. E., Louis blk
Gerber, Elmer, Reibold bldg
Heathman, F. B., Davies bldg
Herby, Charles, c 3d & Jefferson
Kelly, O. M., Davies bldg
Kinninger, Jos. E., 25 N Main
Lott, Louis, Reihold bldg
Mounstephen, Edw. J., McIntyre bldg
Owens, Chas. S., Patterson bldg
*Peters, Burns & Pretzinger, Kuhns bldg
Slover Bros., Canby bldg
Stacy, W. H., 38 S Perry
Stover & Taylor, Faker bldg
Sutter, Frank L., Louis blk
*Williams, Chas, Callahan blk
DEFIANCE—Hale, J. J.
DELPHOS—Herrick, I. S.
Trames, Henry
EAST LIVERPOOL—Calhoun, W. A.
Fritz, A.
Scott, A. W., Jr.
FINDLAY—Duttweiler
Kramer, W. Lewis
FRANKLIN—Roof, H. H.
FREMONT—Johnson, J. C.
Shively, S. H.
GREENSBURG—Mowbray, F. W.
GREENVILLE—Jackson & Son
HAMILTON—Barkman, Geo., 2d Nat. Bank bldg
Mueller, Fred'k G.
LANCASTER—Getz, W. F.
LIMA—Chapin, John A., 65½ Public sq
Dawson, Chas. W., Masonic Temple
Leech & Leech, Badeau blk
Matthews, B. F., Cincinnati blk
LORAIN—Ford, Hamilton E.
States, W. T.
Wurmser, H. O.
LOGAN—Magoon, M. A.
MANSFIELD—†Jones, H. O.
*Redding, Vernon
Schnitzer, F. F. & Son
MARIETTA—Dowling, C. W.
Hovey, George T.
Pyne, G. R.
MARION—Sloan, J. J.
MASSILLON—Baer, H. C., 22 N Mill
Verment, J. B., 174 N Mill
MIDDLETOWN—Long, Alvin
Otter, Frank J.
MILFORD—Elliott, Chas. N.
NEWARK—Arbaugh, R. B.
Carlisle, Fred H.
NEW LEXINGTON—Strosnider, Jess L.
NEW PHILADELPHIA—Ellis, C. C.
NILES—Souder, C. P.
NORWALK—*States, W. T.
NORWOOD—Adkins, John S.
Foster, C. M.
PAINESVILLE—Thayer, Irwin W.
PIQUA—Thompson, C. A.
PORTSMOUTH—Alger, A. B. & Son
SALEM—Cameron, Albert
Hutton, Finlay
SPRINGFIELD—Cregar, Edward F., 63 N Factory
Dawley, Chas. E. & Bro., Bushnell bldg
Gotwald, Robert C., Gotwald bldg
Miller, Wm. F., 27½ S Limestone
Skinner, Chas. A., Commercial bldg
STEUBENVILLE—Christie & Webster
TIFFIN—Hewitt, F. K.
TOLEDO—Bacon & Huber, The Spitzer
Buer, J. L., 731 Balfe
Downey, J. A., National Union bldg
*Fallis, E. A., "The Nasby"
Hudson, Walter C., The Nasby
Hunt, Wm. B., Spitzer bldg
Lane, Louis, St. Paul bldg
Langdon & Hohly, "The Spitzer"
Liebold, Herman A., Dennison blk
Matz, J. W., Hartford blk
Mills, G. S., Gardner bldg
Pulford, Thos., "The Nasby"
*Stine, David L., The Valentine."
Sturgis, A. Burnside, "The Spitzer"
Thurston, W. G., 312 Summit
Todd, Sereno E., Spitzer bldg
Tschumy & Co., 108 Summit
Wachter, H. W., "The Nasby"
Wade, Thos. A., 230 Superior
Wagner, F. C., Produce Exchange
Welker, L. G., "The Spitzer"
WARREN—†Coe, Thos. R.
Relya, W. H.
†Sidells, Byron T.
WILMINGTON—Shepherd & Son
Vance, John P.
WINTON PLACE—Dittoe, Louis G.
Werner, Geo. S.
Winans & Burnett
XENIA—†Collins, A. C.
YOUNGSTOWN—Dennison & Miller, Phelps c Boardman
Ellis, Wm. B., 28 E Federal
Judd, A. F., 114 Market
Kennedy, S. G., 141 E Federal
*Kling, Herman F., 115 W Federal
*Owsley & Boucherle, Wick Bank bldg
Siefert, J. S., 716 Wirt
*Thompson, Rufus F. & E. R., Diamond blk
Vaughn, George, 223 W Federal
ZANESVILLE—Meyer, Harry C.
Taylor, J. P., Sharpe bldg

OKLAHOMA TERRITORY.

EL RENO—Brown, C. C.
Buse, F. A.
GURTHIE—Foucart, J.
OKLAHOMA CITY—Coady & Webster
Gall, Wm.
Hawk, J. H.
Matthews, W. S.
Turbybill, D. W. F.
Williams & Saylor

OREGON.

ALBANY—Burggraf, C. H.
ASHLAND—Schmidt, W. J.
DALLAS—§Morrison, F. H.
EUGENE—Campbell, Wm. T.
Henscll, Y. D.
LA GRANDE—Thornton, C. R.
M'MINNVILLE—Cooper, J. C.
Daniels, C. F.
OREGON CITY—White Bros.
PENDLETON—Howard, Theo. F.
Troutman, C. E.
PORTLAND—Browne, P. Chappel, Marquam bldg
Dittrich, Henry C., 585 Union av N
Ewart, A. C., Failing bldg
Goodrich & Goodrich, Fenton bldg
Grahs, E. J., 353 E 1st N
Hefty, Henry J., Commercial bldg
Hendricks, E. W., Labbe bldg
Hodgson, W. G., Macleay bldg
Jacobberger, Jos., McKay bldg
Jones, T. J., 334 E 3d
Kleemann, Otto, 30 Grand av N
Knighton & Travis, Commercial bldg
Kroner, Ernest, 165 1-2 3d
Krumbein, Justus F., Hamilton bldg
*Lazarus, Edgar M., Worcester bldg
Lewis & Allen, Chambers bldg
Lewis & Lewis, 307 Madison
McClaren, E. E., Cham. of Com. bldg
McKeen, David, 164 E 12th
Martin, Richard Jr., DeKum bldg
Maxon, S. E., 424 E Burnside
Neer, Delos D., 133½ 1st
Nicoll, Geo. D., Chambers bldg
Robbins, C. C., Ainsworth blk
Schact, Emil, 318 Commercial bldg
Tompkins, W. A., Montavilla
Vore, G. H., 245½ Morrison
Whiddin & Lewis, Concord bldg
White, F. M., 1189 Taggart
White, W. S., Cham. of Com. bldg
Williams, D. L., Cham. of Com. bldg
Williams, Franklin, Worcester bldg
ROSEBURG—Alley, Frank E.
SALEM—Pugh & Gray
SILVERTON—Starrett, F. M.

PENNSYLVANIA.

ALLEGHENY—Anglin, Jos., 2011 Perrysville av
Carrell, Edwin, 520 Avery
Mentel, C. G., 422 Federal
Ott, Geo. W., 125 Sandusky
Vandevort, R. G., 422 Federal
ALLENTOWN—Grossart, Lewis J. H., B. B. bldg
Jacoby, Weishampel & Biggin, Commonwealth bldg
Lehr, Sam'l D., 720 Hamilton
ALTOONA—Goodyear, R. C.
ARDMORE—De Nian, D. Judge
BEAVER FALLS—Snyder, A. J.
BELLEFONTE—Cole, Roht. & Co.
BETHLEHEM—(See S Bethlehem! also Allentown)
BRADDOCK—*French, F. C., Auerheim bldg
Richards, S. Colfax & Co.
Steffenauer & Schmid, 721 Braddock av
Vogel, G. J., 625 Corey av
BRADFORD—Brickell, E. F.
French, Fred'k C.
BUTLER—Kline & Co.
Porter, Fred
CAMBRIDGE—Haller & Clepper
CARBONDALE—Robinson, Jos. F.
CARLISLE—Brindle, A. N.
Wetzell, A. J.
CHAMBERSBURG—Kedgy, Franklin
COLUMBIA—Koch, Jeremiah
EASTON—Leggett, H. Wheeler
Michler, Wm. M.
Stewart, J. M. & Son
ERIE—Barton, Geo., 2512 State
*Cody, Chas. P., Downing bldg
Frank, Jos., Scott blk

Lee & Blass, 1013 State
Meyers, A. F., 911 State
O'Sullivan & Co., 1008 State
Yard, J. W. & Son, Downing bldg
ECONOMY—Wagner, Elise
FRANKLIN—Fullerton, Clarence A.
Osborn, John
GLENOLDEN—North, Wm. F.
GREENSBURG—Geyer & Mowbray
Sloan, W. G.
HARRISBURG—Bernheisel, Chas. H., 5 N 2d
Grove, Geo. H., 213 Walnut
Hamilton, Thos. H., 8 N 2d
Kast, M. I., 204 Market
Lloyd, C. Howard, 216 Market
Weaver, W. O. & Son, 14 S 2d
HAVERFORD—Collier, Austin McD.
Evans, Allan
HAZLETON—Beck, C. O.
Sloyer, Aaron
HOMESTEAD—Knoth, Jno. V.
McClure, M. L.
Piatt, D. S.
Snyder, J. O.
Vernon, A.
JOHNSTOWN—†Krueger, Geo.
Myton, W. R.
Reiche, Frank P.
Wild & Rodgers
KITTANNING—Simpson, Jno. T.
LANCASTER—†Evans, Clifton, 28 S Lane
Rothenberger, D. M., 140 N Queen
Urban, C. Emlen, Woolworth bldg
LANSDALE—Bean, M. B.
LANSDOWNE—Lewis, Edwin B.
LANSFORD—Edwards, Jno. C.
LEBANON—Euston, E. C.
Hauer, Harvey T.
Richter, A. A.
LEWISTON—Montgomery, Harry B.
M'KEESPORT—Clepper & Moffitt
Lohman, H. J., Nat'l Bank of McKeesport
Wilson & Lindemans
MEADVILLE—Richard, P. H.
MECHANICSBURG—Oswald, R. W.
MILLVALE—Pfendler, Jos.
NAZARETH—White, Jos.
NEW CASTLE—Eckles, W. G., Mill & Wash'n
Eckles, W. G., Mill & Wash'n
Foulk, S. W. & Son, Pearson bldg
Scholly, Andy, Dean blk
Schuhle, Andrew, Doan blk
*Thayer, C. C. & A. L., Lawrence Savings & Trust bldg
Wirsing, H. M., Bleakley blk
NEW KENSINGTON—Brakeman, Harvey
Ellis, B. H.
NEWTOWN—Chamberlain, James B.
OIL CITY—Brenot, Joseph P.
Terry, C. W.
PHILADELPHIA—Adams, Clyde S., 1011 Chestnut
Allen, John D. Co., Betz bldg
Allen, Wm. S., 14 S Broad
Baily & Bassett, 421 Chestnut
Baker & Dallett, 1420 Chestnut
*Balderston, Chas., 411 Walnut
Ballinger & Perrot, 102 S 12th
Barnes, Amos W., 134 S 9th
Beale, Dan'l S., 3102 N 16th
Benner, A. Penrose, 1320 Cuthbert
Benners, Wm. J., 729 Walnut
Bennett, Thos., 1022 Walnut
Berger, Carl P., Penn Sq bldg
Bertoleltt, Edward F., West End Trust bldg
Betts, Morris C., Harrison bldg
Bissell, Elliston P., Bailey bldg
Bissell, Edw. H., Perry bldg
Blithe, Wesley L., Rothschild bldg
Boggs, Edw. T., 136 S 4th
Bolton, Chas. W., Witherspoon bldg
*Boyd, D. Knickerbocker, 1012 Harrison bldg
Boyd, Lawrence V., Harrison bldg
Boyle, Roland W., 1626 Chestnut
Bretherick, Wm. M., 905 Walnut
Brockie & Hastings, 328 Chestnut
Brooke, Chas, J., 14 S Broad
Brown, T. Frank, Vernon Bldg, Gtn
Bunting & Shrigley, 140 N 15th
Burns, Chas. M., 717 Walnut
Caldwell, Francis G., Bailey bldg
Cammerer, Robert, 241 S 5th
Ceglio, Raffacle, 915 S 10th
*Chandler, Theophilus P., 328 Chestnut
Churchman & Thomas, 532 Walnut
*Collins & Autenreith, 410 Walnut
Cope & Stewardson, 320 Walnut
Cummiskey, Chas. J., 421 Chestnut
Curtis, Henry Loomis, Harrison bldg
Dagit, Hy. D., 435 Chestnut
Davis, Ellsworth H., 300 N 21st
Davis, Seymour & Paul A., 907 Walnut
Day, Frank Miles & Bro., 925 Chestnut
Deery, Jno. J., Betz bldg
Dickinson, Mahlon H., Land Title bldg
Dilks, Albert W., 1001 Chestnut
Douglass, Wm., 330 N 63d
Duhring, Okie & Ziegler, Penn Sq bldg
Dull, Jno. J., Wotherspoon bldg
Durang, Edwin F., 1200 Chestnut
Evans, David, Land Title bldg
*Eyre, Wilson, 927 Chestnut
*Field & Medary, 1414 S Penn sq
Fielding, Mantiel 110 S 4th
Fowlers, Geo. R., 1843 S 15th
Frotscher, Oscar, 441 Chestnut
Furber, Wm. C., 421 Chestnut
Furness, Evans & Co., Provident bldg
*Gardner, Clarence, 925 Chestnut
Geisz, Jos. A., 3239 N 12th
Gendell, David, 835 N 63d
Hager Howard, 1616 Thompson
Hale, Herbert D., Drexel bldg
Hale, Willis G., Weightman bldg
Hartmann, Emil H., 514 Walnut
Hays, Frank A., 1703 Chestnut
*Hazlehurst, Edward H., Girard bldg
Heacock & Hokanson, 931 Chestnut
Herold, Jacob, 932 N 11th
Herold, Otto, 2536 N 33d
Hewitt, G. W. & W. D., Bullitt bldg
*Hickman, Louis C., 328 Chestnut
*Hillman, Chas. L., Provident bldg
Hoersch, Harry, 5425 N 2d, Olney
Holman, E. Elizabeth, 1020 Chestnut
Huston, Joseph M., Witherspoon bldg
*Hutton, Addison, 21 S 12th
Jackson, J. Elvin, 719 Walnut
Jackson, Wm. E., 927 Chestnut
*Johnson, Lindley, Harrison bldg
Keen, Chas. Barton, 1220 Chestnut
Keisker, Frank H., 36 S 16th
Kelsey, Albert, 931 Chestnut
Kennedy, Robt. G., 931 Chestnut
*King, Guy, 431 Walnut
Lacey, Adin Benedict, 1012 Walnut
Loos, Richard C., 1017 Chestnut
*Lovatt, George I., 420 Walnut
Lueders, Chas. N., 475 N 4th
McKee, Wm. W., 36 S 3d
*Macomb, Hy. A., Real Estate Trust bldg
Martin, Frank E., 1624 Walnut
*Mason, Geo. C., Drexel bldg
Mercer, F. T., 717 Walnut
Miller, Herman, Crozer bldg
Miller, T. Frank, 1126 Walnut
Milligan & Webber, 520 Walnut
Milnor, Frank, 4634 Penn, Fkd.
Mohr, P. F., 1401 N 29th
Mohr, P. M., 410 Walnut
Morris & Vaux, Stephen Girard bldg
Morse, Hy. G., Jr., Drexel bldg
*Moses, Arnold H., 136 S 4th
Naschold, Jacob, 1200 Chestnut
Nattress, Geo. & Son, 430 Walnut
Newhall, Geo. M. Engineering Co. (Ltd.), 136 S 4th
Newman & Harris, Land Title bldg
Nicholson, Arthur L., 36 S 16th
Oelschlager, Chas. E., 1502 Market
Osborn Engineering Co., Land Title bldg
Page, Geo. B., Harrison bldg
Paist, Phineas E., Bullitt bldg
Paul, Oglesby, 220 S 4th
Parson, Edw. S., 729 Walnut
Pearson, George T., 427 Walnut
Perot, Robeson Lea, Bailey bldg
Peuckert, Kurt W., 310 Chestnut
Philips, Watson K., 430 Walnut
Pitts, Robt. A., 222 S 3d
*Plack, W. L., 1208 Chestnut
Plowman, Rush A., Betz bldg
Potter, W. Woodburn, 1012 Walnut
Prentzel, David A., Drexel bldg
Price, Frank L., 731 Walnut
Price, Walter F., 731 Walnut
Price & McLanahan, 1634 Walnut
*Prichett, Wm. C., 420 Walnut
Pugh & Hubbard, Real Estate Trust bldg
Pursell, Isaac, 119 S 4th
Rahn, C. E., 410 Walnut
Rankin, Kellogg & Crane, 1012 Walnut
Rehfuss, Geo. U., Weightman bldg
Reinhold, Henry L., Jr., 1004 Chestnut
Roberts, Spencer, Weightman bldg
Rommel, Frank A., 1524 Chestnut
Sanson, E. M., 110 S 4th
Sanson, E. M., 110 S 4th
Savage, Geo. E., Provident bldg
Savery, Scheetz & Savery, Stephen Girard bldg
Schermerhorn, Clarence E., 430 Walnut
*Seeler, Edgar V., Real Estate Trust Co. bldg
Sellers, Horace W., Stephen Girard bldg
Shirk, J. C. M., 421 Chestnut
Simon, Edw. P., 1229 Walnut
Sinkler, Jno. P. B., Bailey bldg
*Smedley, Walter, Stephen Girard bldg
Smith, Lincoln H., Crozer bldg
Smith, W. Frisbey, 1345 Arch
Stearns & Castor, Stephen Girard bldg
Stevens, Benj. R., Bullitt bldg
Stevens, Harry E., 1004 Chestnut
Stuckert, J. Franklin & Son, 1421 Chestnut
Supplee, Davis E., 152 E Wash'n la, Gtn
Titus, Lloyd, Penna. bldg
*Totten & Rogers, 1120 Chestnut
Trout, Wetherell P., 328 Chestnut
Trumbauer, Horace, Land Title bldg
Trumbower, Werner, Crozer bldg
Truscott, Arthur, Real Estate Trust bldg
Valentine, Anthony P., Jr., 1424 Ritner
Von Wallburg, Roland, 1321 Arch
Wade, Augus S., 1600 Arch
Watson & Huckel, 1211 Walnut
Westover, Albert E., 1116 Chestnut
Wetherell, Herbert J., 328 Chestnut
White, Ralph E. & Co., Penna. bldg
Wightman, Edgar A., 421 Walnut
*Wilson, Harris & Richards, Drexel bldg
*Windrim, Jas. H., 1107 Walnut
Windim, Jno. T., 1107 Walnut
Wise, Herbert C., 1012 Chestnut
Witmer, Harry E., 724 N 19th
Woelpper, David A., 1126 Walnut
Wolf, Otto C., 1025 Arch
Yarnall, Wm. & Co., Penn Mutual bldg
Zantzinger, Clarence C., 251 S 4th
Zimmerman, Harry, 4808 Garden bldg
PHOENIXVILLE—Lowery, Irvin
PITTSBURG—Alden & Harlow, Farmers Bank
Allison & Topp, Westinghouse bldg
Anglin, Jos., Washington Nat'l Bank bldg
Azinger, Daniel, 5118 Natrona al
Bailey, J. P., 336 4th av
Bair, Harry S., Westinghouse bldg
Bartberger, Chas. M., Westinghouse bldg
Beatty, John L., 6th & Penn av
Beer, Chas. N., Smith blk
Beezer Bros., 6200 Penn av
*Bickel, Charles, 524 Penn av
Bier, Chas. N., Smith blk
Billquist, T. E., Stevenson bldg
*Boyd, Thos. W. & Co., Smith blk
Brady, Wm. Y., Farmers' Bank bldg
Brosie, Louis O., 6200 Penn. av
Bruening, Max, 5941 Baum
Butz, E. M. Co., Bessemer bldg
Campbell, Jas. N., Penn bldg
Carlisle, Edw. J. & Co., Westinghouse bldg
Carpenter & Crocker, 6104 Penn av
Carrell, Edwin, 520 Avery
Clepper & Moffitt, 339 5th av
Cole, Jos. E., 326 4th av
Comes, Jno. T., 341 6th av
Comstock, C. B., Herrs Island
Cornelius, T. Ed., 320 4th av
Craig, Chas. H., Farmers' Bank bldg
Crone, Dan'l A., 347 5th av
Crosby, A. Lanson, 214 S Main
Dean & Stophlet, 331 4th av
De Bobula, Titus, Farmers' Bank bldg
De Bobula, Titus, Farmers' Bank bldg
Dean & Stophlet, 331 4th av
Dick, Ludwig, 219 6th
Eisendrath, Simeon, Farmers' Bank bldg
Emmerling, J. F., 5941 Baum
Ernst & Hanselmann, House bldg
Estep, Harry S., 209 9th
Felkel, Frank, Jr., House bldg
French, Fred'k C., Bessemer bldg
Frosch, Berthold, 413 4th av
Gass, Sam'l H., 705 Times bldg
*Gilchrist, H. D., Frick bldg
Greene, Sam'l E. & Co., 400 Market
Hall, S. A., House bldg
Harry, J. W., 6117 Penn. av
Hawley & Wharton, Bessemer bldg
Heckert, Sidney F., Stevenson bldg
Heron, Thos. J. & Son, 209 9th
Hodgdon, C. W., 139 9th
Hodgens & Burns, Bissell blk
Irwin Bros., 209 9th
Jacobs, M., 553 Grant
Jones, J. J. Engineering Co., Westinghouse bldg
Kauffmann, William, Lewis blk
*Keirn, J. Edw., 605 Smithfield
Kelley, Victor E., 6015 Rodman
Kerner, Edw. V., 6101 Penn av
Knoth, Jno. V., Bessemer bldg
Link, Albert F., 407 N Craig
Linkenheimer, A. E., 438 4th av
Lloyd Bros., Lewis blk
Long, John A., Park bldg
MacClure & Spahr, Keystone bldg
Macoubray & Co., 326 4th av
*McClarren, S. T., Park bldg

McClusker, Sylo W., 188 47th
McCollum & Dowler, Bank for Saving bldg
McKee, T. C., 208 Negley av
McMaster, Jennie K., Penn bldg
McMillin, J. H. & Co., 4908 Penna. av
Melvin, R. B., House bldg
Miller, A. K., Penn bldg
Miller, D. Knox, 237 4th av
Miller, J. A., Lewis blk
Mitchell, C. G., Arrott bldg
Muller & East, 4 8th
Nichols, Lewis P., Elizabeth nr Lythe
Neal & Rowland, 215 1-2 4th av
Nirdlinger, Simpson, 331 4th av
Obitz, John E., 6200 Penna. av
*Orth, Geo. S. & Bros., 341 6th av
Osterling, F. J., Times bldg
Peoples, U. J. L., Times bldg
Phillis, Clarence L., 424 4th av
Reiger & Currier, 314 4th av
Robinson & Winkler, Park bldg
Rousseau, Marius, Smith blk
Rutan & Russell, 255 5th av
Sauer, F. C., 804 Penn av
Schellentracer, Edw. J., Empire bldg
Schillerbach, J. K., 4710 Penn av
Schwan, Geo. H., 326 4th av
Scott, T. H., Empire bldg
Shaw, Wm. J., Smith blk
Sheridan, D. E., 6117 Penn av
Snaman, Wm. E., Empire bldg
Steen, James T., Smith blk
Stillburg, Joseph, 421 Wood
Stolte, Fred'k H., Arrott bldg
Stotz, Edward, Monon Nat'l Bk. bldg
Struthers & Hannah, 146 6th
Thomas, W. A., Park bldg
Trimble, R. Maurice, Ferguson bldg
Vrydaugh & Wolfe, 347 5th av
Wible, W. H., 188 Shetland
Wilkins, W. G. Co., Westinghouse bldg
Wyss-Thalman, Vincent, Mfg. Co., Bissell blk
PITTSTON—Connor, H. P.
Dershimer, A. E. R.
PLUM—§Beers, J. W.
POTTSVILLE—Mould, C. T.
Hill, W. D.
Reilly, Frank X.
READING—Gerhard, G. L., 619 Penn av
Head, Hiram S., 536 Penn av
Miller, Wm. F., Baer bldg
Muhlenberg, Fred'k, 513 Penn
Mull, E. K., 404 Schuylkill av
Smith, Alexander F., Baer bldg
ROYERSFORD—Poley, J. Vincent
SCRANTON—Amsden, Fred. J., 110 N Wash'n av
Blackwood, Harvey J., 136 N Wash'n av
Brown, Fred'k L., Real Est. Ex. bldg
Davey, Crowther, Coal Ex. bldg
Davis, Edw. H., Connell bldg
Duckworth, Jno. A., 44 Coal Ex. bldg
Edson, Gilbert N., Connell bldg
Hancock, Lewis, Jr., 123 Wyoming av
Hartman, Albert Commonwealth bldg
Holden, L. C., Commonwealth bldg
Lacey, B. T., Connell bldg
Lacey, T. I. & Son, Connell bldg
Langley, Edw., Connell bldg
Morris, Percival J., 220 Wyoming av
Rutherford, Herman C., Pauli bldg
Snyder, Robert W., Connell bldg
Weinechenk, Arthur A., 110 N Wash'n av
SECANE—Loss, Richard E.
SHAMOKIN—Jury, W. U.
Schwartz, Wm. H.
SHARON—Clepper, E. E.
Rulifson, J. W.
Taylor, F. C.
SHARPSBURG—Biles, J. K. A.
SLATINGTON—Oplinger, G. T.
SOUTH BETHLEHEM—Leh. A. W.
ST. MARYS—†Butsch, M. C.
SWISSVALE—Milligan, Chas. W.
TITUSVILLE—Bates, H. S.
UNIONTOWN—Cooper, A. P.
Fulton, J. C.
Hunter, J. A.
Jamison, W. B.
WARREN—Gruninger, F. H.
§Marston & Howard
Patterson, Lemuel A.
WASHINGTON—Hall, C. M.
Vester, J. W.
WAYNE—Gugert, Francis A.
Shaw, J. William
WAYNESBORO—Woltz, J. W.
WAYNESBURG—Fuller, Fred. K.
WEST CHESTER—Paxson, Edward S.
WILKESBARRE—*Kipp, Albert H., Coal Ex. bldg
McCormack & French, Laning bldg
McGlynn, Owen, Simon Long bldg
*Olds, F. L., Coal Ex. bldg
Pettebone & Ireland, Coal Exchange bldg
Podmore, Thos., Bennett bldg
WILKINSBURG—†Dudgeon, A. & Son, 900 Wood
Milligan & Miller, 700 Wood
Scheiber, F. G., Jr., 700 Wood
WILLIAMSPORT—Myers & Fisher, Jamison blk
Reitmeyer, T. P., 360 Market
Ritter, M. B., 327 Pine
†Talley, G. W., 612 W Edwin
YORK—*Dempwolf, J. A.
Hamm & Leber, Wiest bldg
Keyworth, Charles A.
Levengood, Lacey D.
*Willis, B. F., Ebert bldg
Yessler, Harry E.

RHODE ISLAND.

CENTRALL FALLS—§Simmons, George A. Co.
JAMESTOWN—Bevins, Chas. L.
NARRAGANSETT PIER—Kent, Willard
Serensen, Fred. C.
NEWPORT—Banning, Edwin T., Spring cor John
Easton, Roland C., 201 Thames
Johnston, John D., 69 Mill
McCulloch, Wm. F., 144 Spring
Newton, Dudley & Son, 20 Bellevue av
Withers, Creighton, 22 Bellevue av
OLNEYVILLE—Thornton, D. H.
PAWTUCKET—Daniels, Fred G.
Drowne, Fred E.
Fuller, Samuel B.
Humes, Albert H.
Judson, J. E.
Learned, Chas. H.
Monighan, R. C. N., Pacific Bk. bldg
Page, George H.
Seabury, Dwight (Mill Arch. & Eng.)
PROVIDENCE—Almy, Arthur Lewis, 65 S. Main
*Angell & Swift, 87 Weybosset
Banning, Edwin T., 87 Weybosset
Burlingame, C.C E., 87 Weybosset
*Cady, George W., 204 Westminster
Clarke & Howe, 72 Weybosset
Colwell & Gould, 146 Westminster
*Field, Fred E., 48 Custom House
Hall, C. A., 422 Broad
Hilton & Jackson, 75 Westminster
*Hoppin & Ely, 32 Westminster
Isham, N. M., Banigan bldg
Langworthy, Leslie P., 37 Weybosset
Makepiece, C. R. & Co., 429 Butler Ex.
Martin, B. S. D., Industrial Trust bldg
Martin & Hall, Union Trust bldg
*Murphy ,Jas., 19 Mulberry
Murphy & Hindle, 146 Westminster
*Nickerson, Edw. I., 29 Exchange
Page, Fred'k E., 130 Laurel Hill av
Phillips, Lemuel O., 20 Camden av
Praray, Chas. A. M., 292 Rugby
Robertson, Wayland T., 72 Weybosset
Sanders, Richard C., 32 Westminster
*Sawtelle, F. J., Wilcox bldg
Shurrocks, A. F., Wilcox bldg
Slocomb, Harry A., 48 Custom House
*Stone, Carpenter & Willson, 49 Westminster
Thornton & Thornton, 152 Weybosset
†Tillinghast, J. B., 40 Frank
Walker, Elmer Butler Ex.
Walker, Wm. R. & Son, 17 Custom House st
*Wilcox, Chas. F., 75 Westminster
Wright, B. W., Francis bldg
WESTERLY—Maxson, C.
WOONSOCKET—Fontaine, Walter F.
Kent, Willard
Lincoln, Frederic F.
Paradis, A. H.
Spaulding, G. W.
West & Carter

SOUTH CAROLINA.

AIKEN—Laird, John
CAMDEN—Fort, O. M.
Mitcham & Beach
CHARLESTON—Devereux, J. H., U. S. Post Office
Lamble, H. S., 340 E Bay
Todd, A. W., 287 King
COLUMBIA—Edwards & Walter, Exchange Bank bldg
La Motte, A. Gamewell, 1205 Gervais
*Milburn, Frank P., City Hall bldg
Sams & Carter, 1423 Main
Shand & Lafaye, 1328 Main
Wilson, Chas. C., 1422 Main
GREENVILLE—Edens, A. W.
Lawrence, J. R.
Lockwood, Greene & Co.
Sirrine, J. E. (Mill. Arch. & Eng.)
ORANGEBURG—Johannsen, Henry H.
ROCK HILL—White, H. E.
SPARTANBURGH—Howe, W. B. W., Palmetto bldg
SUMTER—Zeigler, D. G.

SOUTH DAKOTA.

ABERDEEN—Van Meter, E. W.
DEADWOOD—Jewell, O. C.
EMERY—§Zeeman, Garrett & Co.
LEAD—Gibbs, Jno. W.
Hein Bros.
RAPID CITY—Holmes, Zachariah
SIOUX FALLS—Dow, W. L. & Son
Schwarz, Jos.
WATERTOWN—Hockman, M. A.
Shoultz, A. H.

TENNESSEE.

BRISTOL—Hoffmeister, W. C.
CHATTANOOGA—Adams & Bearden, Chamberlain bldg
Adams & Schneider, 120 E 8th
Breeding, J. C., E 8th
Downing, W. T., Times bldg
Edwards, J. C.
Hunt, R. H., 101 W 8th
Huntington & de Sabla, Loveman bldg
CLARKSVILLE—Grubb, R. E.
Lapscott, Jno. B.
§Wilson, G. B. & Co.
COLUMBIA—Perry, Geo. H.
FRANKLIN—Williams, G.
GALLATIN—Harriman, Bechtel & Heffner
Simpson, S. R. & Sons
JACKSON—Heavner, R. A.
Vanderbrook, P. L.
Williams, John L.
KNOXVILLE—Barber & Klutz, 21 French
*Bauman Bros., 612½ Gay
Beaver, Leon, French & Roberts bldg
Parmelee, M. E., 315 W Clinch av
Waters, Lewis C., Pickle & Turner bldg
MEMPHIS—Alsup & Wood, Randolph bldg
Bentley, C. J., 297 2d
Chighizola & Hanker, Scimitar bldg
*Cook, James B., Randolph bldg
Curtis, R. A., Randolph bldg
Eely, Fred. H. & Co., Randolph bldg
Jones, Walk C., Scimitar bldg
McGoy, Frank, Planters' bldg
Shaw & Pfeil, Planters' bldg
Weathers, L. M., Cotton Exchange bldg
MORRISTOWN—Smith, Roswell E.
NASHVILLE—Colley, Clarence, Cham. of Com. bldg
Hodge, B. J., 1 Cole bldg
Marr, Thos. S., 76 Cham. of Com. bldg
*Sharp, Robert, Cole bldg
Smith, J. L., Noel Court
*Thompson, Gilbel & Asmun, Cole bldg
*Thompson & Ferguson, Noel blk
Williams, J. A., Jr., Cole bldg
Williamson, P. J., 912 Broad
UNION CITY—§Carter, John D.

TEXAS.

ABILENE—Preston, Wm. Proctor
AUSTIN—Andrewartha, Jno., 102 W 8th
*Eyres, W. G., 103½ E 7th
McDonald, Burt, 806 Congress av
O'Connor, J. L., Sampson bldg
Page, C. H., Jr., 506 Congress av
Schneider, Max, 2300 East av
Watson, A. O., Pope bldg
Winkler, Waldemar, 1409 Brazos
Wygard, J. R., 103½ E 7th
BEAUMONT—Brechin, J. B.
Ettler, Jno. A.
Francis, Geo.
BEEVILLE—Archer, R. W.
BONHAM—§Peters, Will
BROWNSVILLE—§Brooks, S. W.
BRYAN—Willman, J. E.
COLLEGE STATION—Giesecke, F. E.
COLORADO—Martin, Byrnes & Johnston
CORSICANA—Minor, John R., P. O. Box 613
DALLAS—Baker, Wm. H., 281 Main
Barlow, Henry C., 100 S Jefferson
Cook, Jas. B., 179 N Akard
Flanders, J. E., 354 Jackson
Gill, C. A. & Son, Kerby bldg
Godwin, E. C., 7th nr Van Buren
Hubbell & Green, N Texas bldg
Keyser-Mozier Co., Juniata bldg
Martens, Wm., 318 Commerce
Mathews, J. Dawson, Wilson bldg
Matthews, Jno. D., Wilson bldg

Moore, Stewart, 285 Main
Nelson, Soeren, 405 Wood
Orr, Geo. G., 179 Snodgross
Overbeck, Harry A., Slaughter bldg
Rowe, Jos. W., 407 Main
Sanguinet & Staats Main & Field
Silver, Earle H., 266 Main
Skielvig, S. C., 405 Main
Smith, Jas. J. M.
Wilson, W. H., 400 Elm

DENISON—Lelardoux, P., 515 W Elm
Leonard, Martin J., 319 W Main
Niemeyer, F. G., 1130 W Hull
Shannon, J. A., 820 W Bond
Smith, E. C., Ford bldg

EL PASO—Fritch, Alfred R.
Hughes, Matthew
*Kneezell, Edward
Krause, Ernest
Romagny, Jno. M.
Trost & Trost

FORT WORTH—Forbes & Newell, Dundee bldg
Haggart, E. B. & Son, Board of Trade bldg
Hoeffler, Conrad, 603 Main
Sanguinet & Staats, Hoxie bldg
Waller, M. L., Columbia bldg
Weinman, L. B., 711 Main

WEMYSS—Smith, S., Dundee bldg

GALVESTON—Bulger, C. W., Levy bldg
*Clayton, Nicholas J., 2219 Post Office
McKenzie, Donald N., 2107 Post Office
Roth, Max J., 2107 Mechanic
Stowe, G. B., 220 22d
*Tyndall, Wm. H., 2107 Market

HOUSTON—Cooke & Co., Klam bldg
Dawson, A. N., Camp bldg
Dickey, Geo. E. & Co., Fox bldg
Dunbar, Chas. R., 1116 Capitol av
Glover, F. S. & Co., Mason bldg
Green, L. S., Commercial bldg
Kaufman, D. P. & Son, Main
Lorehn, Ollie J., Binz bldg
McMillan, W. A., Mason bldg
Oliver, S. A. & Co., 319 San Jacinto
RUDESILL, O. H. P. & SON, 1012 Texas av
Steele, R. D., Binz bldg

KERRVILLE—Short & Williams

LAREDO—Suthered, A. G.

MARSHALL—Lancaster, C. G.

MASON—Grosse, R.

NACOGDOCHES—Whitcorn, George

PARIS—Barry, Wm. G.
Eubank, W. R.
Geiger, Jas. I.

PORT ARTHUR—Elmendorf, B. S.

SAN ANGELO—Ruffini, Oscar

SAN ANTONIO—Coughlan & Ayres, 228 W Commerce
Dielmann, L. M. J., 306 E Commerce
Gaenslen, Fred'k B., Almo Nat'l Bank bldg
Giles, Alfred, 114 W Houston
Herff, A. A., 308 E Houston
Page, Harvey L., 207 Almo Plaza
Philips, H. T., Hicks bldg
Pierce, R. L., Alamo Ins. bldg
Seutter, Carl Von, Riverside bldg
*Wahrenberger, James & Son, 218 E Commerce

SAN MARCOS—§Northcraft, E. & A. E.

SHERMAN—†Baker, Sylvester (Oil Mills, etc.)
†Barrow, J. R.
†Elliott, S. B.
†Gill, W. L.
Thiessen, H. J. J. (Oil Mills, etc.)
*Tulloch, Jno.

SOUTH AUSTIN—Andrewartha, John

TURNERSVILLE—*Smith, Jas. J. M.

TEXARKANA—Burdsal Co.
Stewart, Sidney

TYLER—Wells, L. W.
Woldert, Will A.

VICTORIA—Leffland, Jul.

WACO—Allen, Glenn H.
*Dodson & Scott
Dudley, W. W.
Herbert, S. P.
*Larmour, W. W. & J. R.
Messer & Wemyss-Smith

WEATHERFORD—O'Given, J. W.

UTAH.

LOGAN—Barrett, C. T., Union blk

OGDEN—Smith, J. A., Eccles bldg
Whitaker, S. T., Stayner blk
Woods, F. C. & Co., 1st Nat'l Bk bldg

PROVO CITY—Davies, T. T.
Watkins, R. C.

SALT LAKE CITY—Ash, Dorsey, 360 S Main
Craig, J. C., David Keith bldg
*Dallas & Hedges, Deseret Nat'l Bk bldg
Dart, D. C., Atlas blk
Erskine & Lilianburg, Dooly bldg
Hale, Fred A., Commercial blk
Kletting, R. K. A. 13 Hooper
Neuhausen, C. M., 528 Dooly blk
Thiessen, H. J. J. (Oil Mills, etc.)
Ulmer, F. M. & Son, Dooly blk
Ware, W. E., 62 Hooper bldg
Woods, J. C., Templeton bldg

VERMONT.

BARRE—Colburn, F. E.
Smith & Walker

BELLOWS FALLS—Kilburn, Edwin I.

BENNINGTON—Bull, Wm. C.
Middleton, M. B.

BRATTLEBORO—Hines, Geo. A.
Plummer, Ned A.

BURLINGTON—§Austin, Z. T., 244 College
§McLaughlin, Jno. J., 45 Mechanics
§Maynard, P. J. B., 288 N Winooski av
Spear Bros., S. Battery cor Bank
Wilcox, W. R. B., 135 College

HARTFORD—Newton, L. S.

MONTPELIER—Smith & Walker

NEW HAVEN—Hinman, N.

NEWPORT—Story, G. D.

POULTNEY—§Wilson, M. Ashley

PROCTOR—Edson, J. H.

RUTLAND—Smith, Arthur H., Herald bldg

ST. ALBANS—Best, L. L. C.

ST. JOHNSBURY—Packard, Thornton

VIRGINIA.

ABINGDON—Musser, D. & Son

ALEXANDRIA—Clark, W. Leon, E Duke

BALLSTON—Gideon, Walter

BERKLEY—Woodsend, Thos. J.

BERRYVILLE—§Ogden, R. K.

CHARLOTTESVILLE—Vandergrift, W. T.

DANVILLE—§Deitrick, W. H., 506 Patton
§East, C. H., 245 Main
§Graham, R. B., 312 Patton

FREDERICKSBURG—Wroten, G. W.

HARRISONBURG—§Bucher, W. M. & Son

KEANE—Lind, E. G.

LYNCHBURG—Frye & Chesterman
Lewis & Burnham
Snead, W. W. & Co.

NEWPORT NEWS—Burkholder, Edw. W.
Chandler, S. B.
Connell, Geo. E.
Marye, Edw. A.

NORFOLK—Cassell, Chas. M., Lowenberg bldg
Dwyer, H. Irving, Lowenberg bldg
Eberhard, Arnold, Citizens' Bank bldg
Ferguson & Calrow, Carpenter bldg
Hebard, Vance, 140 Main
Lee, Jas. W., Martin bldg
Neff & Thompson, Withers bldg
Peebles, Jno. Kevan, Lowenberg bldg

PETERSBURG—Waite, Harrison, 21 N Sycamore

PORTSMOUTH—Cassell, Virginus O.
Higham, Walter R.
Overman, Edw.

RICHMOND—Anderson, D. Wiley, 920 E Main
Blauvelt, Hy. J., 2 N 11th
*Dimmock, Marion J., 1111 E Main
Hunt, Albert F., 1301 E Main
Noland & Baskervill, Cham. of Com. bldg
Ruehrmund, Carl, 918 E Main
Tolman, Geo. R. (Arch. & Designer, Textiles & Art Work), 1111 E Main
West, Wm. C., 1103 E Main

ROANOKE—Huggins, H. H., Tipton Law bldg
§Pollard, J. B. & Son

SALEM—Hockman, N.

STAUNTON—Collins, P. J. & Son, Crowle bldg

SUFFOLK—Winborne, P. J.

WARRENTON—Lind, E. G.

WINCHESTER—Diffenderfer, E. H.
Diffenderfer, John

WYTHEVILLE—Williams, Geo. C.

WASHINGTON.

BALLARD—Wilkie, Geo. A.

BUCKLEY—Robinson, E. L.

CHEHALIS—Hess, Anton

CLARKSTON—Jennings, W. S.

COLUMBIA—Pettit, Edwin C.

DAYTON—Burrows, Wm. H.

EVERETT—Ehlers, P. W.
Foster, G. B.
Heide, A. F.
Hove, Chas.

FAIRHAVEN—Black, H. N., Citizens' Bk bldg

GARFIELD—Myers, C. C.

GREEN RIVER—Leahy, D.

HOQUIAM—McGlauflin, E. O.

LATONA—Perkins, J. W.

MONTESANO—Kemp, A. C. St. G.

OLYMPIA—§Barr, Solomon, E., Box 551
Hartruck & White
Hartsock, B. F.

POMEROY—Schmidt, W. J.

PULLMAN—Swain, Wm.

RICE—Chamberlain, Charles

SEATTLE—Bebb & Mendell, Denny bldg
Bird, M. W., 312 Woodlawn av
Bird, T. G., DeCurtin blk
Bodley, Alfred, Burke blk
Boone & Corner, 717 New York bldg
Breitung, C. A., Walker bldg
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Thompson, H. P.
Werner, A. D.
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Foeller, H. A., 133 N Wash'n
Harteau, David M., 501 Main
†Reynolds, Wm. E., 130 S Webster av
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Dickhaut & Gaastra
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Hackner, Egid
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LAKE MILLS—Hunzicker, Jno.
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Conover, A. D., Browns blk
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Paunack & Paunack
Porter, Lew. F., Ellsworth blk
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Brielmaier, E. & Sons, 111 Mason
Buemming & Dick, 1107 Pabst bldg
*Charlton & Kuenzli, 82 Wisconsin
Christiansen, P. M., 1004 Kinnikinnic av
Coldewe, Gustav A., 829 6th
Crabtree, Fremont R., 106 Mason
Crane, Chas. D., 91 Wisconsin
Davelaar, Wm., 204 Grand av
Davelaar, Wm., 204 Grand av
Dohmen, Anton 290 3d
Dornbach, N., 988 Kinnikinnic av
Ehlers, George C., 758 3d
Ellesen, Andrew, 479 National av
Eschweller, Alexander C., 141 Wisconsin
Esser, Herman J., 82 Wisconsin
Evans & Marshall, 82 Wisconsin
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*Ferry & Clas, 419 B'way
Fink, Charles A., 427 Milwaukee
FitzGerald, Charles, 106 Mason
Fraser-Mather Co. (Mill Arch. & Eng), 667 E Water
Goron, Noel B., 473 E Water
Graf, Fred., 307 Grand av
Gruber, Jos. M., 326 Grand av
Guthat, Albert W., 647 6th av
Hood & Tullgren, 82 Wisconsin
Jacobi, Jacob, Metropolitan blk
Kadow, Stanley F., 208 Howell
Kirchhoff & Rose, 201 Grand av
Koch, Edw. V., 871 Humboldt av
*Koch, H. C. & Co., 120 Wisconsin
Leenhouts & Guthrie, 102 Wisconsin
Leipold, Gus. H., 14 Wells
Leiser & Holst, Germania bldg
Lesser, Chas. L., 331 Grove
Liebert, Eugene R., 107 Wisconsin
Lotter, Henry G., 427 Milwaukee
Menge, John, Jr., 307 Grand av
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Moller, John A., 1012 Mineral
Moore, Peter N., 26 34th
Peege, E. J., 454 B'way
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Ringer, C. F., 106 Mason
Roth, John, Jr., 307 Grand av
Rotier, H. J., 141 Wisconsin
Russel, Howland, 106 Mason
Siegel, J. N., 1212 Cherry
Smrz, Frank J., 608 Scott
Uehling, O. C., Wells bldg
Van Ryn & De Gelleke, 211 Grand av
Velguth, Fred., Germania bldg
Wiskocil, A. V., 222 Grand av
Wolff & Ewens, 558 12th
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Flegels, A. L., 220 5th
Gilbert, A. A., Robinson blk
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RIPON—Radway, Marcus
SHEBOYGAN—Hilperthauer, Charles
†Weeks, William C.
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STURGEON BAY—Crandall, F. D.
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Puck, Henry, Breunig blk
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WAUSAU—Dean, Philip
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WEST ALLIS—Hanson, C.
WEST BEND—Galland, Ernest
WESTFIELD—Kendall Bros.
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McKean & Dunn, 49 Canterbury
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Mott, Henry H., 61 Prince William
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Clohecy, Robert, 8½ John
Edwards, W. A., 7 Hughson
Hills, Lucien, 60 King
La Chance, W. W., 140 Markland
McPhie, Stewart, 158 King, E
Mills, Charles, 2½ James
Munro, Lawrence, 10 Main, E
Patterson, E. B., 167½ King
Peene, Alf. W., 47 James
Rastrick, F. J. & Son, 17 Main, E
Stewart, Wm. & Walter, 7 Hughson
Witton, W. P., 28 James, S
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Newlands, Wm., 258 Bagot
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Hamel, F. M., 74 Sparks
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Bellan, Wm.
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Bond & Smith, 160 Bay
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Foulds, L., 43 Victoria
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Hall, Mark, 96 King, W
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Harvey, J. A., 147 Yonge
Herbert, F. H., 9 Toronto
Holmes, A. W., 10 Bloor, E
Howland, W. F., 28 Toronto
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Jarvis, Beaumont, 19 Melinda
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Lennox, E. J. 164 Bay
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Roberts, David, 18 Union blk
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Sawyer, Jos., 80 St. Gabriel
Sheard, Matthew, 423½ Yonge
Siddall, John W., 75 Yonge
Sigouin, A. M., 180 St. James
Smith, Eden, Canada Life bldg
Smith & Gemmel, 25 King
Sproatt & Rolph, Canadian Bk. Com. bldg
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Benier ,Chas., 70 St. Jacques
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Carmichael, J. W., Bell Telephone bldg
Chausse, Alcide, 1051 St. Hubert
Chausse, Charles, 103 St. Francis Xavier
Content, Alph, 17 Cote de la place d'Armes
Courval, E. P. J., 970 Sauguinet
Cox & Amos, Temple bldg
Daoust, J. E. C., 180 St. Jacques
Despatie, J. F., 339 St. Hubert
Davies, H. W., 80 St. Francis Xavier
Decary, A. R., N. Y. Life bldg
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Dufort, C., 502 St. Antonie
Dunlop, A. F., 185 St. James
Dussault, J. P. E., 253 St. Jean
Finley & Spence, Guardian bldg
Frost, Chas. S., Street Ry. bldg
Gardiner, J. Rawson, 185 St. James
Gauthier, L. Z., 180 St. James
Godin, J. A., 1A Place d'Armes
Granger, Albert, H., Street Ry. bldg
Hogle, H. W., 80 St. Francis Xavier
*Helbronner, Michael, 442 Sanguinet
Hopkins, J. W., 204 St. James
Hout, J. E., 260 St. Jacques
Hutchinson, A. C., Royal Ins. bldg
Hutchinson & Wood, Royal Ins. bldg
Karch, J. A., 117 Place d'Armes
Lacas, Edouard, St. Catherine, Beaurivage, Longue Pointe
Lacroix & Piche, 5 Beaver Hall Sq
Lafreniere, J. L. D., 319 St. Andre
Lapierre, Alfred H., Street Ry. Chambers
Levesque, Adolpe, 12 Place d'Armes Hill
Macduff & Lemieux, Temple bldg
MacDonald, R. H., 260 St. James
MacVicar & Heriot, Temple bldg
McGregor, J. W., 5 Beaver Hall Sq
Mann, Eric, 151 St. James
Marchand &Haskell, 164 St. James
Maxwell, Ed. & W. S., 6 Beaver Hall Sq
Mesnard, Albert, 192 St. Hubert
Mitchell, C. A., 252 St Chs.-Bonomee
Monette, G. A., 97 St. James
Montbriand, L. R., 230 St. Andre
Nobbs, Prof. P. E., McGill University
Pepin, E., 55 St. Francis Xavier
Perrault & Lesage, 17 Place d'Armes Hill
Perrault, Maurice, 15 St. Lambert
Poyette, Eugene, 260 St. Jacques
Resther, J. Z., 107 St. James
Rodden, Richard Montgomery, Waddell bldg
Sawyer, Jos., 376 St. Antoine
Saxe & Archibald, 59 Beaver Hall Hill
Sigouin, A. M., 180 St. James
Simard, G. A., 1385 St. Denis
Smith, James S., 207 St. James
Spence, D. Jerome, Guardian bldg
Stone, H. C., 84 St. Francis Xavier
Taylor & Gordon, 43 St. Francis Xavier
Trudel, Z., 168 St. Andre
Turgeon, J. O., 55 St. Francis Xavier
Vanier, J. Emile, 5 Beaver Hill Sq
Venne, Alphonse, 15 St. Lambert
Venne, Jos., 402 Plessis
Vincent, Arthur, 44 St. Vincent
Wilkinson, H. N., 37 McGill College av
Wood, Geo. W., Royal Ins. bldg
QUEBEC—Baillarge, Chas., 72 St. Louis
Berlinguet & Lemay, 209 St. Jean
Bussiere, J. G., 221 St. Jean
Dionne, J. A. T., 14 St. Joseph
Hopkins, E. C., 20 d' Aiguillon
Lebon, J. H., 25 des Commissaires
Levesque, Pierre, 85 d'Aiguillon
Pinsonnault, J. L., 35 Ste Julie
Quellet, J. P., 36 Rue de La Fabrique
Quellet & Livesque, 117 St. Jean
Raymond, Thos., 45 Rue Carbon
Stravely, Harry & Edw. B., 92 St. Peter
Talbot, E. M., 14 St. Joseph
Tanquay, G. E., 20 1-2 Aiguillon
Truedelle, T. Alfred, Dept. of Pub. Works
WESTMOUNT—MacFarlane, D. H.

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Dornfeld, J. F., 134 Van Buren, Chicago, Ill.
Griesser, Richard, Schiller bldg, Chicago
Griesser, Wilhelm Construction Co., 11 B'way, New York
.Harmer, Alonzo T., 80 William, New York
Hettenger, Carl F. & Co., 1140 Columbus av, Boston
Knoth, Jno. V., Bessemer bldg, Pittsburg, Pa.
Koehler, V. Hugo, 11 B'way, New York
Oberlein, Lewis, 19 Whitehall, N. Y.
Bautert, Fred. & Son, 163 Randolph, Chicago
Steinmann, H., 66 New, N. Y.
Terney, Chas. F., 138 Liberty, N. Y.
Widmann, Walsh & Boisselier, Wainwright bldg, St. Louis, Mo.
Wolf, Fred'k W. Co., 139 Rees, Chicago, Ill.
Wolf, Otto C., Broad & Arch, Phila., Pa.
Wunder, Fred'k, 949 B'way, Brooklyn, N. Y.

Architects (Decorative)

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Crowninshield, Fred., 42 W 18th, N. Y.
Deforest, Lockwood D., 7 E 10th, N. Y.
Garnsey, Elmer E., 489 5th av, N. Y.
Glaeuzer, Geo. A. & Co., 33 E 20th, N. Y.
Hiss, Philip Co., 111 5th av, N. Y.
Hubbell, Knowles & Co., 6 E 42d, N. Y.
Kissam, Henry Snyder, 156 5th av, New York
Korber, Albert, 21 De Kalb av, Brooklyn, N. Y.
Lamb, J. & R. (Inc.), 59 Carmine, N. Y.
Lawrence, Stephen B., 291 5th av, N. Y.
Lempert, Leon H. & Son, 31 Pearl, Rochester,
Parker, H. Hanley, 1803 N Park av, Phila.,
Parkhurst Bros., 156 5th av, N. Y. Pa.
Poole, Thomas H., 13 W 30th, N. Y.
Righter & Kolb, 156 5th av, N. Y.
Taft & Belknap Co., 1 E 40th, N. Y.
Tillinghast, Mary E., 3 Wash'n sq, N, N. Y.
Treadwell, Prentice Co., 1133 B'way, N. Y.

Architects (Horticultural)

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Millboard
Gaskets
Fibre

Asbestos and Magnesia Mfg. Co.

MANUFACTURERS AND CONTRACTORS

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LAND TITLE BLDG., PHILA., PA.

WORKS: PORT KENNEDY, PA.

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Boston, Mass.; 1111 14th, N. W., Wash., D. C.; 10 N Forsyth, Atlanta, Ga.; 214 S Peters, New Orleans, La.; Granite blk, St. Louis, Mo.; 117 Water, Cleveland, O.; 528 Main, Cincinnati, O.; 187 Liberty av, Pittsburg, Pa.; 350 E Water, Milwaukee, Wis.; 325 W Michigan, Duluth, Minn.; 18 E 3d, St. Paul, Minn., & 307 S 6th, Minneapolis, Minn.

Trainer, C. W. Mfg. Co., 89 Pearl, Boston, Mass.

WATSON, H. F. CO., Erie, Pa.; 12 S Clinton, Chicago, Ill., & 233 Congress, Boston, Mass., (See adv. index, end of book)

Asbestos, Pulp, Miners & Mfrs.

Massena Mineral Filter Co., Massena, N. Y.

Ash Chutes (Steel Plate)

Connor Steel Plate Ash Chute Co., Holyoke, Mass.

Lewis, Henry B., 45 Jos. Campau av, Detroit, Mich.

Ash Handling Plants

(See Conveyors, Coal & Ash Handling.)
(Also Coal & Ore Handling Machinery.)

Asbestos Textiles

Keasbey & Mattison Co., Main Office & Works, Ambler, Pa.; Branches, 84 John, New York; 1111 14th N W Washington, D. C.; 117 Water, Cleveland, O.; 208 Lake, Chicago, Ill.; 154 Pearl, Boston, Mass.; 10 N Forsyth ,Atlanta, Go.; 214 S Peters, New Orleans, La.; Granite blk, St. Louis, Mo.; 528 Main, Cincinniti, O.; 187 Liberty av, Pittsburg, Pa.; 350 E Water, Milwaukee, Wis.; 307 S 6th, Minneauolis, Minn.; 325 W Michigan, Duluth, Minn., & 18 E 3d, St. Paul, Minn.

Asphalt Crushers & Pulverizers

Coldwell-Wilcox Co., Newburgh, N. Y.

Asphalt Damp Course

(See Damp Course.)

Asphalt Dealers.

Armitage Mfg. Co., Richmond, Va.

ASPHALT READY ROOFING CO., 136 Water, N. Y.

Barber Asphalt Paving Co., Land Title bldg., Phila., Pa.; 114 Liberty, New York; Stock Exchange bldg., Chicago, Ill. Refineries—Philadelphia, Pa.; Long Island City, N. Y.; Maurer, N. J.; Washington, D. C., & New Orleans, La.

Barrett Mfg. Co., Land Title bldg, Phila., Pa., Merchants' Loan & Trust bldg, Chicago, Ill., & 17 Battery pl, N. Y.

Boorman, T. Hugh, 32 B'way, N. Y.

Gabriel & Schall, 205 Pearl, N. Y.

Graham Paper Co., (Jobbers), St. Louis, Mo.

Lamson, Jno. S. & Bro., 77 Maiden Lane, N. Y.

Neuchatel Asphalte Co. (Ltd.), 265 B'way, N. Y.

New Trinidad Lake Asphalt Co., 114 Liberty, N. Y.

New York & Bermudez Co., 114 Liberty, N. Y.

Powell, M. W. Co., 204 Dearborn, Chicago, Ill.

Saacke, Chas. W., 76 William, New York

Schillinger Bros., Co., 412 City Park av., Toledo, O.

Sicilian Asphalt Paving Co., 48 Times bldg., N.Y.

STOWELL MFG. CO., 114 to 134 Culver av, Jersey City. (Dealers in Trinidad Asphalt

Trinidad Asphalt Co., 114 Liberty, N. Y.

Uvalde, Asphalt Co., 1 B'way, N. Y., & Cline Tex.

Warren Asphalt Paving Co., Utica, N. Y.

Warren Bros. Co. (Warren's & Klola & Brands), 93 Federal, Boston, Mass.

Asphalt Floors & Cellars

(See Contractors Asphalt Paving)

Asphalt for Jointing Vitrified Sewer Pipe

Alcatraz Co., 124 Sansome, San Francisco, Cal.

Asphalt Heating Tanks

(See Heaters, Asphalt)

Asphalt (Liquid and Solid)

Alcatraz Co., 124 Sansome, San Francisco, Cal.

Densmore-Stabler Refining Co., Los Angeles, Cal.

Globe Asphalt Co. (The Obispo Brand), Bakewell bldg., Pittsburg, Pa., & Los Angeles Cal.

Hercules Oil Refining Co., Los Angeles, Cal.

INDIAN ASPHALT CO., Railway Exchange bldg, Chicago, Ill. (See adv. next page

Jewett-Blodget Oil Co., Bakersfield, Cal.

Southern Refining Co., Los Angeles, Cal.

Trinidad Asphalt Mfg. Co., 320 S 21st, St. Louis, Mo.

Union Oil Co. of Cal. (The Diamond Brand), Mills bldg., San Francisco, Cal.

Asphalt Machinery

(See Machinery, Asphalt)

Asphalt Mastic

Gabriel & Schall (German Brunswick), 205 Pearl, N. Y.

Asphalt Mastic Floors

New York Mastic Works, (Seyssel Asphalt), 11 B'way, N. Y.

Osborn, S. J. & Co., Pearl & Eggleston av., Cincinnati, O.

Shields, W. S. P. Co., Witherspoon bldg., Phila., Pa.

Asphalt Miners & Refiners

Alcatraz Co., 124 Sansome, San Francisco, Cal.

Barber Asphalt Paving Co., Land Title bldg, Philadelphia, Pa.; 114 Liberty, New York; Stock Exchange bldg., Chicago, Ill. Refineries—Philadelphia, Pa.; Long Island City, N. Y.; Maurer, N. J.; Washington, D. C., & New Orleans, La.

Barrett Mfg. Co., Land Title bldg, Phila., Pa., Merchants' Loan & Trust bldg, Chicago, Ill.; 17 Battery pl, N. Y.

British California Refining Co., Los Angeles, Cal.

California Consolidated Oil Fields Co., Bakersfield, Cal.

California-Fresno Oil Co., Fresno, Cal.

California Liquid Asphalt Co., Santa Barbara, Cal.

Cummer, F. D. & Son (The "Arcade"), Cleveland, O.

Densmore-Stabler Refining Co., Los Angeles, Cal.

Downard Asphalt Co., Lima, O., & Ardmore, Ind. Ter.

Empire Asphalt Co. (Refiners), Prudential bldg., Newark, N. J., & Arrott bldg. Pittsburg, Pa.

Gilson Asphaltum Co., Holland bldg, St. Louis, Mo.

Globe Asphalt Co. (Obispo Brand), Bakewell bldg, Pittsburg, Pa., & Los Angeles, Cal.

Hercules Oil Refining Co., Los Angeles, Cal.

INDIAN ASPHALT CO., Railway Exchange bld, Chicago, Ill. (See adv. next page)

Jewett-Blodgett Oil Co., Bakersfield, Cal.

Pacific Refining Co., Bakersfield, Cal.

Sicilian Asphalt Paving Co., Times bldg., New York

Southern Refining Co., Los Angeles, Cal.

Standard Asphalt Co., Los Angeles, Cal.

Trinidad Asphalt Co., 114 Liberty, N. Y.

Trinidad Asphalt Mfg. Co. (Refiners), 320 S 21st, St. Louis, Mo.

Trinidad Bituminous Asphalt Co., 114 Liberty, N. Y.

Union Consolidated Refining Co., Los Angeles, Cal.

Union Oil Co. (of California), Mills bldg, San Francisco

Uvalde Asphalt Co., 1 B'way, N. Y.

Volcan Oil & Refining Co., Bakersfield, Cal.

Warner-Quinlan Asphalt Co., Syracuse, N. Y., & 32 B'way, N. Y.

West Indies Co., 15 Murray, N. Y.

Asphalt Mixers

(See also Concrete & Mortar Mixers)

Coldwell-Wilcox Co., Newburgh, N. Y.

CONTRACTORS' TOOL CO., 704 Arch, Phila., Pa. (See adv. index, end of book)

Cummer, F. D. & Son Co., Cleveland, O.

Drake Standard Machine Works, 300 W Jackson boul, Chicago.

Erie Machine Shops, Erie, Pa.

Hetherington & Berner Co., 19 W South, Indianapolis, Ind.

Iroquois Iron Works, 178 Walden av, Buffalo, N.Y.

Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.

Asphalt Paving Blocks & Tile.

(See Paving Blocks, Asphalt.)

Asphalt Paving Protecting Strip.

AMERICAN BRAKE SHOE & FOUNdry Co. ("Marginal"). Mahwah, N. J.; Branches: 170 B'way, New York, & Western Union bldg, Chicago. (See adv. index, end of book)

Asphalt Paving Tools.

(See Tools, Asphalt Paving.)

Asphalt Pipe Dip.

Alcatraz Co., 124 Sansome, San Francisco, Cal.

American Asphaltum & Rubber Co., Woman's Temple, Chicago, Ill.

Barber Asphalt Paving Co., Land Title bldg, Philadelphia, Pa.; 114 Liberty, New York; Stock Exchange bldg, Chicago, Ill. Refineries—Philadelphia, Pa.; Long Island City, N. Y.; Maurer, N. J.; Washington, D. C., & New Orleans, La.

Densmore-Stabler Refining Co., Los Angeles, Cal.

Globe Asphalt Co., Pittsburg, Pa.

Hercules Oil Refining Co., Los Angeles, Cal.

INDIAN ASPHALT CO., Railway Exchange bldg.; Chicago, Ill. (See adv. index, end of book)

Jewett-Blodget Oil Co., Bakersfield, Cal.

Southern Refining Co., Los Angeles, Cal.

Union Oil Co. of Cal., Mills bldg., San Francisco, Cal.

Asphalt Pitch.

(See also Paving & Roofing, Pitch.)

Alcatraz Co., 124 Sansome, San Francisco, Cal.

Barber Asphalt Paving Co., Land Title bldg, Philadelphia, Pa.; 114 Liberty, New York; Stock Exchange bldg., Chicago, Ill. Refineries—Philadelphia, Pa.; Long Island City, N. Y.; Maurer, N. J.; Washington, D. C., & New Orleans, La.

Carey, Philip Mfg. Co., Lockland, O.; Pittsburg, & 118 Liberty, New York

Densmore-Stabler Refining Co., Los Angeles, Cal.

Globe Asphalt Co., Bakewell bldg., Pittsburg, Pa., & Los Angeles, Cal.

Hercules Oil Refining Co., Los Angeles, Cal.

INDIAN ASPHALT CO., Railway Exchange bldg., Chicago, Ill. (See adv. next page)

Jewett-Blodget Oil Co., Bakersfield, Cal.

Nott, W. S. Co., 200 S 1st av., Minneapolis, Minn.

Southern Refining Co., Los Angeles, Cal.

Union Oil Co. of Cal., Mills bldg., San Francisco, Cal.

Asphalt Portable & Railway Paving Plant Builders.

Cummer, F. D. & Sons Co., "The Arcade," Cleveland, O.

Hetherington & Berner Co., 19 W. South, Indianapolis, Ind.

Iroquois Iron Works, 178 Walden av, Buffalo, N. Y.

Asphalt Rollers (Steam).

(See Road Rollers, Steam.)

Asphalt Separators.

Coldwell-Wilcox Co., Newburgh, N. Y.

Asphaltum Gum

INDIAN ASPHALT CO., Railway Exchange bldg, Chicago, Ill. (See adv. below)

Asphaltum Mfrs. & Importers.

Boorman, T. Hugh, 32 B'way, N. Y.
Byrnes, J. W. & Co., Galveston, Texas.
Gilson Asphaltum Co., Holland bldg, St. Louis, Mo.
INDIAN ASPHALT CO., Railway Exchange bldg, Chicago, Ill. (See adv. below)
New York Mastic Works, 11 B'way, N. Y., & Long Island City, N. Y.
Saacke, Charles W., 76 William, N. Y.
Schillinger Bros. Co., Toledo, O.
Sicilian Asphalt Paving Co., Times bldg., New York

Asphaltum Mineral Rubber

INDIAN ASPHALT CO., Railway Exchange bldg, Chicago, Ill. (See adv. below)

Assay Muffles.

MAURER, HENRY & SON, 420 E 23d, N. Y.; Penna bldg, Phila., Pa. Works, Maurer, N. J. (See adv. inside front cover)

Attemperators

Wolf, Fred W. Co., 141 Rees, Chicago, Ill.

Auger & Gimlet Mfrs.

American Auger Bit Co., Forestville, Pa.
Conrad, A. & J., Fort Washington, Pa.
Deuse, J. S., Chester, Conn
Drew, C. & Co., (Augers), Kingston, Mass.
Ford Auger Bit Co. (Augers & Bits), Holyoke, Mass.
Garratt & Beach, Seymour, Conn.
Goodell-Pratt Co., Greenfield, Mass.
Hamden Mfg. Co., Hamden, Conn.
Humphryville Mfg. Co., Seymour, Conn.
Irwin Auger Bit Co. (Augers only), Wilmington, Ohio
Jennings, C. E. & Co., 42 Murray, N. Y.
Jennings, Russell Mfg. Co., Deep River, Conn.
Mayhew, H. H. Co. (Gimlets only), Shelburne Falls, Mass.
Slack, Timothy, Oxford, Pa.
Snell Mfg. Co., Fiskdale, Mass.
Swan, James Co., Seymour, Conn.

Augers (Boring Machine)

American Woodworking Machine Co., 186 Liberty, New York
Buckeye Mfg. Co., Anderson, Ind.
Chester Mfg. Co., Chester, Conn.
CHICAGO TOOL & SUPPLY CO., 356 Dearborn, Chicago, Ill. (See adv. index, end of book)
Hubbard & Co., Murtland bldg, Pittsburg, Pa.
Irwin Auger Bit Co., Wilmington, O.
Jennings, C. E. & Co., 42 Murray, N. Y.
Jennings-Russell Mfg. Co., Chester, Conn.
New Haven Copper Co., Seymour, Conn., & 114 Chambers, N. Y.
Ohio Tool Co., Columbus, O.
Snell Mfg. Co., Fiskdale, Mass.

Augers (Bung)

Redlich Mfg. Co., 6 Oak, Chicago.
U. S. Bung Mfg. Co., 50 S 2d, Brooklyn, N. Y. Factory, Cincinnati, O.

Augers (Earth)

AMERICAN WELL WORKS, Aurora, Ill. 45 W Randolph, Chicago, Ill.; Dallas, Texas, & 2 & 4 Stone, New York City. (See adv. index, end of book)
ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Austin Mfg. Co., Manhattan bldg., Chicago, & Harvey, Ill.
Chickasaw Iron Works, Memphis, Tenn.
Cook Well Co., 15 S 4th, St. Louis, Mo.
Easey Earth Auger Co. (Augers), College Corners, O.
Eureka Fence Mfg. Co., ("The S. & B."), Richmond, Ind.
Gills, Jno. D. Sons (Mine), Phillipsburg, Pa.
Howell, R. R. & Co., 30th av & S E 5th, Minneapolis, Minn.
Morrison Mfg. Co., Fort Madison, Ia.
Rumsey & Co. Ltd., (Inc.), (Improved Clay Earth & Sand), Seneca Falls, N. Y.
Star Drilling Machine Co., Akron, O. N. Y.
Williams Bros., Ithaca, N. Y.

Augers (Hollow)

Bonney Vise & Tool Works, 3015 Chestnut, Phila., Pa.
Cincinnati Tool Co., Norwood, Cincinnati, O.
Hamden Mfg. Co., Hamden, Conn.
Millers Falls Co., Millers Falls, Mass., & 28 Warren, N. Y.
Silver Mfg. Co., ("Star") Salem, O.
Stearns, E. C. & Co., 100 Oneida, Syracuse, N. Y.
Swan, Jas. Co., Seymour, Conn.
Wood, A. A. & Sons Co., ("Universal"), Atlanta, Ga.

Augers (Miners')

Hubbard & Co. (Breast), 62d & Butler, Pittsburg, Pa.
Pittsburg Tool & Drop Forge Co., Arrott bldg., Pittsburg, Pa., Works, Cheswick, Pa.

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REFINERIES REPRESENTED

INDIAN ASPHALT COMPANY, ASPHALTUM, INDIANA

British California Refining Co., Los Angeles
Pacific Refining Co., Bakersfield
Hercules Oil Refining Co., Los Angeles
California-Fresno Oil Co., Fresno
Union Oil Co. of California, Oleum and Bakersfield
Union Consolidated Refining Co., Los Angeles
Densmore-Stabler Refining Co., Los Angeles
Volcan Oil and Refining Co., Bakersfield
California Consolidated Oil Fields Co., Bakersfield
California Liquid Asphalt Co., Santa Barbara

CALIFORNIA ASPHALT
MALTHA
ASPHALT FLUX
GUM ASPHALTUM

MINERAL RUBBER
ASPHALT PAINT
BLACK VARNISH
BENZINE

FUEL OILS
LUBRICATING OILS
CRUDE PETROLEUM

Augers (Post-Hole)

Buckeye Mfg. Co., Anderson, Ind.
Dicke Tool Co., Downers Grove, Ill.
Iwan Bros., Streator, Ill.
Jackson Shovel & Tool Co. ("Hartford") Montpelier, Ind., & Market & Randolph, Chicago
Klein, Mathias & Son, 87 W Van Buren, Chicago
Lehr Agricultural Co., Fremont, O.
Monarch Mfg. Co., Des Moines, Ia.
Pratt, Wm. E. Mfg. Co., 91 Lake, Chicago.
Racine Malleable & Wrought Iron Co., Racine, Wis.
Tucker & Dorsey Mfg. Co. ("Dalbey"), State av. c Bates, Indianapolis, Ind.
Vaughan & Bushnell Mfg. Co., 877 Carroll av, Chicago

Augers (Rafting)

Hamden Mfg. Co., Hamden, Conn.
Irwin Auger Bit Co., Wilmington, O.

Augers (Ring)

Hamden Mfg. Co., Hamden, Conn.
Irwin Auger Bit Co., Wilmington, O.

Augers (Ship)

CHICAGO TOOL & SUPPLY CO., 356 Dearborn, Chicago, Ill. (See adv. index, end of book)
Ford Auger Bit Co., Holyoke, Mass.
Irwin Auger Bit Co., Wilmington, O.
Jennings, C. E. & Co., (The "L'Hommedieu"), 42 Murray, New York.
Ohio Tool Co., ("Bailey"), Columbus, O.
Snell Mfg. Co., Fiskdale, Mass.

Augers (Treenail & Boom)

Drew, C. & Co., Kingston, Mass.

Augers (Well)

Austin Mfg. Co., Manhattan bldg., Chicago & Harvey, Ill.
Iwan Bros., Streator, Ill.
Mark Mfg. Co., Chicago, Ill.
Pech, Gustave, Foundry & Machine Co., Le Mars, Ia.
Southern Engine & Boiler Works (Inc.), Jackson, Tenn.
Star Drilling Machine Co., Akron, O.

Automobile Builders.

Acme Automobile Co. (Jno. Reber, Prop.) Pottsville, Pa
Acme Motor Car Co. (Gasoline), Reading, Pa.
American Cycle Mfg. Co.. (Electric), Hartford. Conn., & 501 N Wells, Chicago
American Darracq Automobile Co. (Gasoline) ("Darracq"), 652 Hudson, N. Y.
American De Doetrich Motor Car Co. (Gasoline), 1 W 34th, N. Y.
American Motor Carriage Co. (Electric & Gasoline), Cleveland, O
Amos-Pierce Automobile Co., Syracuse, N. Y.
Apperson Bros. Automobile Co. (Gasoline) Kokomo, Ind
Auburn Automobile Co., Auburn, Ind.
Austin & Son (Gasoline), Grand Rapids, Mich
Autocar Co. (Gasoline), Ardmore, Pa.
Automotor Co. (Touring Cars), Springfield Mass
Ayres Gasoline Engine & Automobile Works Saginaw, Mich
Baker Motor Vehicle Co. (Electric), 116 Jessie Cleveland. O
Baldner Motor Vehicle Co. (Runabouts, Touring & Delivery Cars), Xenia, O
Bartholomew Co., Peoria, Ill.
Bates Auto Co. (Gasoline), Lansing, Mich.
Berg Automobile Co. (Gasoline, 547 5th av, N. Y.
Black Diamond Auto Co. (Gasoline), Utica, N. Y.
Blomstrom, F. H., Motor Co., Detroit, Mich.
Borbein, H. F. & Co., St. Louis, Mo.
Boston Automobile Exchange (Gasoline), 177 Berkely, Boston
Bowman, Sidney B. Auto Co. (Steam & Electric), 52 W 43d, N. Y.
Brazier, H. Bartol, 1811 Fitzwater, Phila., Pa
Buffalo Electric Carriage Co., Military rd. Buffalo, N. Y
Buick Motor Co. (Gasoline), Flint, Mich.
Cadillac Automobile Co., Detroit, Mich.
Cataract Machine & Automobile Co., Niagara Falls, N. Y.
Centaur Motor Vehicle Co. (Electric), Buffalo N. Y.
Central Motor Car Co., Indianapolis, Ind.
Chicago Motor Cycle Co., 370 Wabash av, Chicago
Cincinnati Automobile Co., 1215 E 5th, Cincinnati, O.
Clark, Edw. S. (Carriages, Delivery Wagons, etc.), 272 Freeport (Dor.), Boston.
Clarke, E. C. Machine Co., Woodbridge & Shelby Sta., Detroit, Mich.
Cleveland Automobile Co., Cleveland, O.
Columbus Carriage & Harness Co., Columbus, O.
Columbus Motor Car Co., Columbus, O.
Commercial Motor Vehicle Co. (Electric), Detroit, Mich.
Consolidated Mfg. Co., Toledo, O.
Consolidated Motor Co. (Gasoline), 148 W 56th N. Y.
Corbin Motor Vehicle Co., (Air Cooled Gasoline Touring Cars & Heavy Trucks), New Britain, Conn.
Covert Motor Vehicle Co. (Gasoline), Lockport, N. Y.
Crest Mfg. Co. (Gasoline), Cambridge, Mass.
Daimler Mfg. Co. (Gasoline, Commercial Wagons, etc.), 939 Steinway av, Long Island City, N. Y. City
Dawson. J. H. Machinery Co. (Gasoline), 39 S Canal, Chicago
Desberon Motor Car Co., 51st & 12th av., N. Y
Des Moines Automobile Co. (Gasoline), Des Moines, Ia.
Detroit Auto Vehicle Co., 65 Catherine, Detroit, Mich.
Detroit Motor Car Co., Majestic bldg, Detroit, Mich.
Detroit Motor Cycle Co., 958 Jefferson av, Detroit, Mich.
Dingfelder, M. Auto Co., 41 Washington av, Detroit, Mich.
Dolson, John L. & Sons (Gasoline), Charlotte, Mich.
Dunlap Vehicle Co., Pontiac, Mich.
Duryea Power Co. (Gasoline), Reading, Pa.
Eckhart Carriage Co., Auburn, Ind.
Eleanor Automobile Co., Washington, D. C.
Electric Vehicle Co. (Electric & Gasoline Carriages, Delivery Wagons, Trucks, & Carriages), 134 W 39th, N. Y., & Hartford, Conn.
Elmore Mfg. Co. (Gasoline), Clyde, O.
Fauber Mfg. Co., Elgin, Ill.
Fischer Motor Vehicle Co. (Comb. Gasoline & Electric), Hoboken, N. J.
Fitt, Jas., 106 Commercial, Rochester, N. Y.
Flint Automobile Co., Flint, Mich.
Ford Motor Co. (Gasoline), Detroit, Mich.
Franklin, H. H. Mfg. Co. (Gasoline), Syracuse, N. Y.
Fredonia Mfg. Co., Youngstown, O.
Garloch, O .J. & Co., Palmyra, N. Y.
General Automobile & Mfg. Co. (Gasoline, Runabouts & Touring Cars), Cleveland, O.
Geneva Automobile & Mfg. Co., Geneva, O.
Gibbs Engineering & Mfg. Co., Glendale Station, Borough of Queens, N. Y. City
Gilbert, C. S., St. Joseph Mo.
Grout Bros. (Steam), Orange, Mass.
Halsey Automobile Co. (Steam, Electric & Gasoline), 3914 Olive, St. Louis, Mo.
Hawkins Mfg. Co., 300 Post, San Francisco Cal.
Hayne Motor Co., The, Plainfield, N. J.
Haynes & Apperson Co. (Gasoline), Kokomo, Ind.
Hearsey, H. T. Vehicle Co., 113 W Market. Indianapolis, Ind.
Hermann-Vaughan Mfg. Co., Indianapolis, Ind.
Hewitt-Lindstrom Motor Co. (Electric, etc.), 347 Wabash av., Chicago.
Holyoke Automobile Co. (Gasoline), Holyoke, Mass.
Howard Automobile Co., ("Howard," Chainless Gasoline Touring Cars, Runabouts, Delivery Wagons & Electric Gasoline Trucks), Yonkers, N. Y.
Huber Automobile Co., 171 E Atwater, Detroit, Mich.
Jackson Automobile Co., Jackson, Mich.
Jeffrey, Thos. B. & Co.. Kenosha. Wis.
Johnston Gasoline Motor Co. (Gasoline), Manchester, N. H.
Jones-Corbin Automobile Co. (Gasoline). Chestnut & 31st, Phila., Pa.
Kelley-Bridget Co., Danville, Ill.
Kirk Mfg. Co. (Gasoline), Yale, Toledo, O.
Knapp, E. W., San Jose, Cal.
Knowles Automobile Mfg. Co. (Electric & Steam), 425 Northumberland av., Buffalo, N. Y.
Knox Automobile Co. (Gasoline, Runabouts), Springfield, Mass.
Koller, W. C., Glen Rock, Pa.
Krotz Mfg. Co., Springfield, O.
Lane Motor Vehicle Co. (Steam), Poughkeepsie, N. Y.
Leggett, Jno. S. Mfg. Co., 109 S State, Syracuse, N. Y.
Locomobile Company of America (Steam Carriage), Bridgeport, Conn.
Logan Automobile Co. (Gasoline), Chilicothe, O.
Lozier Motor Co. (Gasoline), Plattsburg, N. Y.
McClintock Automobile & Engine Co., Kansas City, Mo.
McPherson Automobile Co., 1125 Vine, Phila., Pa.
Marble-Swift Automobile Co., Monadnock blk., Chicago, Ill.
Marion Motor Car Co., Indianapolis, Ind.
Marr Auto Co. (Gasoline), Detroit, Mich.
Matheson Motor Car Co. (Gasoline), Grand Rapids, Mich.
Maxwell-Briscoe Motor Co.(Gasoline), Tarrytown, N. Y.
Meteor Engineering Co. (Steam), Reading, Pa.
Michigan Auto Co. (Gasoline), Kalamazoo, Mich.
Miller's, Geo. C. Sons Carriage Co., 713 Main Cincinnati, O.
Milwaukee Motor Co., Wilwaukee, Wis.
Milwaukee Motor & Mfg. Co., Milwaukee, Wis.
Mississippi Valley Automobile Co., 100 N 4th, St. Louis, Mo.
Mitchell Motor Car Co. (Gasoline), Racine, Wis.
Mobile Co. of America, B'way & 54th, N. Y., & Tarrytown, N. Y.
Moline Automobile Co. (Gasoline), East Moline, Ill.
Moore, C. J. Mfg. Co., Westfield, Mass.
Moore, H. S. (Gasoline), Cleveland, O.
Nadig, Chas. H. & Bro. Mfg. Co., (Gasoline), Allentown, Pa.
National Motor Vehicle Co. ("The New National", Electric, Runabouts, etc.), Indianapolis, Ind.
National Sewing Machine Co. (Hydro Carbon), Belvedere, Ill.
New Haven Carriage Co., New Haven, Conn.
New York & Ohio Co., Warren, Ohio.
New York Star Auto Co. (Gasoline), 144 W 39th, N. Y.
Northern Automobile Co. (Gasoline), 4105 Olive, St. Louis, Mo.
Northern Mfg. Co. (Gasoline, Runabouts, etc.), Detroit, Mich.
O. K. Machine Works, 520 Ellicott, Buffalo, N. Y.
Ohio Motor Car Co., Cleveland, O.
Olds Motor Works (Electric & Gasoline), 1308 Jeff'n av, Detroit, Mich., & Lansing, Mich.
Owosso Carriage Co., Owosso, Mich.
Packard Motor Car Co. (Gasoline), Cleveland, O.
Panhard & Levassor Auto Co., 230 W. 13th, N. Y.
Peckham Carriage Co. (Gasoline), Dayton, O.
Peerless Motor Car Co. (Gasoline), Cleveland, O.
Phelps Motor Vehicle Co. (Gasoline), Stoneham, Mass.
Pierce Engine Co. (Gasoline), Racine. Wis.
Pierce, Geo. N. Co. (Cycles, Arrow Motor Cars, etc.), Buffalo, N. Y.
Pierce Motor Vehicle Co., Bound Brook, N. J.
Pioneer Vehicle Co., Indianapolis, Ind.
Pope Mfg. Co., (Gasoline), Park Row bldg, New York. Factory, Hartford, Conn.
Pope Motor Car Co., 15 Park Row, New York.
Pope-Robinson Co. (Gasoline), Hyde Park, Mass.
Premier Motor Mfg. Co. (Gasoline), Indianapolis, Ind.
Prescott Automobile Mfg. Co., (Steam), 90 W B'way, New York. Works, Passaic, N. J.
Rainier Co. (Gasoline), B'way & 50th, N. Y.
Rapid Motor Vehicle Co., 380 Woodward av, Detroit, Mich.
Reading Automobile & Gear Co., Reading, Pa.
Reber Mfg. Co. (Gasoline), Reading, Pa.
Regas Automobile Co., Rochester, N. Y.
Regent Automobile & Machine Co. (Steam, Gasoline & Electric), 12 Clinton, B'klyn, N. Y.
Reid Mfg. Co. (Gasoline), Detroit, Mich.
Reliance Auto Car (Gasoline), Detroit, Mich.
Reliance Automobile Mfg. Co., Detroit, Mich.
REO MOTOR CAR CO. (Gasoline). Lansing, Mich. (See adv. index, end of book)

REO MOTOR CAR CO. (Gasoline), 138 W 38th, New York. (See adv. index, end of book)
Rhode Island Electromobile Co., Providence, R. I.
Rodgers & Co. (Gasoline), Columbus, O.
Rotary Motor Vehicle Co., 43 Columbus av., Boston.
Royal Motor Car Co., Lake & Marquette, Chicago, Ill.
St. Louis Motor Car Co. (Gasoline), St. Louis, Mo.
St. Louis Motor Carriage Co., 1211 N Vandeventer av., St. Lodis, Mo.
Sandusky Automobile Co., Sandusky, O.
Schaum Automobile & Motor Mfg. Co. of Baltimore, 872 Park av., Baltimore, Md.
Schlacht Mfg. Co. (Gasoline), Cincinnati, O.
Scott & Cooper Mfg. Co. (Electric), St. Louis, Mo.
Searchmont Automobile Co. (Searchmont), No. American bldg., Phila., Pa.
Shaeffer, Bramley & Co., (Gas), Lockport, N. Y.
Sintz Gas Engine Co., 1524 Jefferson av, Detroit, Mich.
Smith & Mabley Mfg. Co. (Gasoline), 614 E 83d, N. Y.
Snell Motor Car & Truck Co. (Gasoline), Toledo, O.
Sommer Motor Co. (Gasoline), Detroit, Mich.
Special Motor Vehicle Co., 640 Main, Cincinnati, O.
Speedwell Automobile Co., Milwaukee, Wis.
Springer Motor Vehicle, 242 W 41st, N. Y. Y.
Springfield Automobile Co., Springfield, O.
Standard Automobile Co., Pittsburg, Pa.
Standard Motor Co. (Gasoline), Kokomo, Ind.
Standard Motor Construction Co. (Gasoline), Jersey City, N. J.
Standard Wheel Co. ("Oveland," Gasoline Runabouts), Terre Haute, Ind.
Stanley Mfg. Co. (Steam), 89 Beach, Boston, Mass.
Steam Vehicle Co. of America, 52 W 43d, N. Y.
Stearns, F. B. Co. (Gasoline), 2963 Euclid av., Cleveland, O.
Stearns Steam Carriage Co. (Steam), Syracuse, N. Y.
Stoltz, C. C., Marion, O.
Studebaker Bros. Co. (of N. Y.) (Electric), B'way & 8th, N. Y.
Studebaker Bros. Mfg. Co. (Steam), South Bend, Ind.; Cincinnati, O., & 378 Wabash av., Chicago.
Stevens, J., Arms & Tool Co. (Gasoline Type), Chicopee Falls, Mass.
Sunset Automobile Co., 1814 Market, San Francisco, Cal.
Thomas, E. R., Motor Co. (Gasoline), Buffalo, N. Y.
Thompson Automobile Co., 22d & Market, Phila., Pa.
Tincher, T. L. (Gasoline), Chicago, Ill.
Toledo Motor Carriage Co., Toledo, O.
Touring Car Co., 310 W 59th, N. Y.
Trenton Automobile Co., Trenton, N. J.
Triumph Automobile & Launch Co. (Electric, Gasoline & Steam), Chicago, Ill.
Trumbull Mfg. Co. (Steam), Warren, O.
Trumbull Safe & Vault Co., 117 Lake, Chicago, Ill.
Union Automobile Co., Union City, Ind.
United Motor Corporation (Gasoline), Pawtucket, R. I.
U. S. Long Distance Automobile Co., 114 W 41st, N. Y., & 307 Whiton, Jersey City, N. J.
Universal Automobile Co. (of every description), San Francisco, Cal.
Upton Machine Co. (Gasoline), 17 State, N. Y.
Vehicle Equipment Co. (Electric), Brooklyn, N. Y.
Wall, R. C. Mfg. Co. (Gasoline), 1356 Race, Phila., Pa.
Wayne Automobile Co. (Gasoline), Detroit, Mich.
Wayne Automobile Co., Dubois & Franklin, Detroit, Mich.
Welch Motor Car Co. (Gasoline), Pontiac, Mich.
Whiffler Automobile Co., 12 Sherman, Detroit, Mich.
Wolverine Motor Car Co. (Gasoline), Detroit, Mich.
Waltham Automobile Co., Waltham, Mass.
Ward, Leonard Electric Co., Bronxville, N. Y.
Waterloo Motor Works, Waterloo, Iowa.
Warwick Cycle & Automobile Co., Springfield, Mass.
Wayne Automobile Co. (Gasoline Touring Cars, 2 & 4 Cylinders), Detroit, Mich.
White, Paul H., Engineering Works (Steam, etc.), Indianapolis, Ind.
White Sewing Machine Co. (Steam), Cleveland, O.
Wilson Automobile Mfg. Co., Wilson, N. Y.
Winton Motor Carriage Co. Gasoline), 414 Huron, Cleveland, O.
Woods Motor Vehicle Co. (Electric), 110 E 20th, Chicago, & 51 E 44th, N. Y.
Worthington Automobile Co. (Gasoline), 547 5th av, New York

Automobile Electrical Equipment.

WESTINGHOUSE ELECTRIC & MFG. Co., Pittsburg, Pa. District offices: New York, Atlanta, Dallas, Baltimore, Boston, Buffalo, Chicago, Cincinnati, Cleveland, Detroit, Los Angeles, Minneapolis, New Orleans, Philadelphia, Pittsburg, St. Louis, Salt Lake City, San Francisco, Syracuse, Seattle, Denver, Mountain Electric Co. Canada; Canadian Westinghouse Co., Limited, Hamilton, Ontario; Mexico, G. & O. Braniff & Co.; City of Mexico. (See adv. index, end of book)

Automobile Mud Guards

American Veneer Co., Jersey City, N. J.
Wilson & Hayes Mfg. Co., 770 Bellevue av, Detroit, Mich.

Automobile Parts & Fittings.

See also Automobile Tanks & Mufflers;
See also Automobile Tanks & Mufflers;
Batteries, Automobile;
Bells, Automobile;
Boilers, Automobile;
Burners, Automobile;
Castings, Automobile;
Chains, Automobile;
Engines, Automobile;
Forgings, Automobile;
Lamps, Automobile;
Motors, Automobile;
Pumps, Automobile;
Springs, Automobile;
Steel Automobile Sheets;
Tanks, Automobile.

American Ball Bearing Co., Cleveland, O.
American Coil Company (Sparking Plugs), West Somerville, Mass.
ANDERSON, W. H. & SONS (Inc.), Detroit, Mich. (See adv. index, end of book)
Barton Boiler Co. (Steam Generator), 4212 State, Cleveland, Ill.
Brecher, E. A. & Co., 95 Reade, New York.
Byrne, Kingston & Co. (Carbureter), Kokomo, Ind.
Brew-Hatchen Co., 36 Columbus, Cleveland, O.
Corbin Screw Corporation, (Special to Order), New Britain, Conn, 15 Murray, New York, 104 Lake, Chicago, Ill., & 925 Market, Phila, Pa.
Cowles, C. & Co., New Haven, Conn.
CROSBY CO. (Wheel Flanges & Caps, Ball Cups), 177-187 Pratt, Buffalo, N. Y. (See adv. index, end of book)
Crucible Steel Casting Co. (Castings), 612 Clinton, Detroit, Mich.
Deitz, R. E. Co. (Acetylene Gas Generators), 33 Laight, N. Y.
Dodge Bros., Detroit, Mich.
Dyke, A. L., (Complete Supplies), 2108 Olive, St. Louis, Mo.
Electric Storage Battery Co., The (Eride Sparking Cells), Phila., Pa.
Excelsior Supply Co. (Standard Supplies), 233 Randolph, Chicago, Ill.
Fauber Mfg. Co., Elgin, Ill.
Federal Mfg. Co. (Parts & Running Gears, etc.), Elyria, O.
Frasse Co. (Tube Expanders), 38 Cortlandt, N. Y.
Garlock, O. J. & Co., Palmyra, N. Y.
Gilbert Mfg. Co. (Gilbert Tire Case), New Haven, Conn.
Goodrich, B. F. Co. (Tires), Akron, O.
Gould Mfg. Co. (Carbureter), Trenton, N. J.
Jersey Brake Co. (Jacks), Newark, N. J.
Keim, Jno. R. (Running Gear Parts, Engines, Boilers & Fittings), Kensington av & Erie R. R., Buffalo, N. Y.
Lee & Porter, Dowagisc, Mich.
Leland & Faulconer Mfg. Co., Detroit, Mich.
Lobee Pump & Machinery Co. (Lobee Rotary Pump), 130 Terrace, Buffalo, N. Y.
Locke Regulator Co. (Boilers, Tanks, Engines, Burners, Regulators, Generators, etc.), Salem, Mass.
Locke & Co. (Automobile Bodies), 218 W 34th, N. Y.
Long Mfg. Co. (Coolers), Chicago, Ill.
LUNKENHEIMER CO. (Lubricators & Fittings). General offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, N. Y., & 35 Great Dover St., London, S. E. England. (See adv. index, end of book)
Meisel Press & Mfg. Co. (Gears), 943 Dorchester av, Boston, Mass.
MEZGER, C. A. ("Soot Proof" Spark Plug), 203 W 80th, New York. (See adv. index, end of book)
Miller, Chas. E. (Supplies of all Descriptions), 97 Reade, N. Y.
Moore, C. J. Mfg. Co., Westfield, Mass.
National Spring & Wire Co. (Cushion Springs), Albion, Mich.
Neustadt-Perry Co., 826 S 18th, St. Louis, Mo.
Ofeldt & Sons (Water Tube Boilers), ft. 25th, Brooklyn, N. Y.
Pittsburg Reduction Co. (Aluminum Parts), Pittsburg, Pa.
Post & Lester Co. (Everything Pertaining to an Automobile), Hartford, Conn.
Providence Steel Casting Co. (Castings), Providence, R. I.
Shaeffer, Bramley & Co., Lockport, N. Y.
Standard Pressed Steel Co. (Pressed Steel Specialties), 20th & Clearfield, Phila., Pa.
SIMMONS, JOHN CO., 110 Center, N. Y.
Standard Spoke & Nipple Co., (Spokes & Nipples), Torrington, Conn.
Standard Welding Co., 41 Cone, Cleveland, O.
Standard Wheel Co., Terra Haute, Ind.
Smith, A. O. Co. (Automobile Forgings), Milwaukee, Wis.
Steel Ball Co. The (Hill Precision Oiler), 840 Austin av, Chicago, Ill.
Trebert Gas Engine Co. (Engines, Gears), 160 W Main, Rochester, N. Y.
Tritt Electrical Mfg. Co., South Bend, Ind.
Tucker, C. F. (Oil Cups), 302 Asylum, Hartford, Conn.
Turner Brass Works, Franklin cor. Michigan, Chicago, Ill.
United Electrical Mfg. Co. (Crescent Spark Plugs), 69 Murray, N. Y.
Upton Motor Co. (Pumps), Lebanon, Penn.
Utica Steam Engine & Boiler Works, Utica, N. Y.
Walworth Mfg. Co. (Stillson Wrench), Boston, Mass.
Westerfield Motor Co. (Engines), Anderson, Ind.
Weston Electrical Instrument Co. (Electrical Measuring Instruments), Waverly Park, Newark, N. J.
Weston-Mott Co., Utica, N. Y.
Whitlock Coil Pipe Co., Hartford, Conn.
Wilson & Hayes Mfg. Co., 770 Bellevue av, Detroit, Mich.
Worcester Pressed Steel Co. (Also Carriage Fittings), Worcester, Mass.

Automobile Tanks & Mufflers

Acme Motor Car & Repair Co. (Mufflers), Cleveland, O.
Funke, A. H. (Tanks, Acetylene), 83 Chambers, N. Y.
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)

Auto Wafers

Standard Boiler Compound Co. (For Automobile Boilers), Bradford, Pa.

Awl Mfrs.

Braunsdorf-Muller Co. (Marking), Elizabeth, N.J.
Hurwood Mfg. Co., Inc., ("Hurwood," Scratch, Belt, Tinners, Brad, Carpet, Folding, etc.), Bridgeport, Conn.
Lewis, Geo. E., Mansfield, Mass.
Marlboro Awl & Needle Co., Marlboro, Mass.
New England Awl & Needle Co., W. Medway, Mass.
Norton Mfg. Co. (Marking), Chester, Conn.
Springfield Machine Screw Co. (Scratch) Springfield, Mass.
Stortz, Jno. & Son, (Scratch, etc.), Phila., Pa.
Swan, Jas. Co. (Gouges, etc.), Seymour, Conn.

Awls (Scratch).

Ducharmes & Co., Shelburne Falls, Mass.

Awning Fixtures

Roe, Justus & Sons, ("Roe's" Roller), Patchouge, N. Y.

Awning Stripes.

(See Cotton Duck & Canvas.)

Awnings (Corrugated Steel)

(See also Cornices, Galvanized Iron.)

American Steel Roofing Co., Middletown, O.
BERGER MFG. CO., Main Office & Works, Canton, O.; Branches 23 Lake av, Chicago, Ill.;623 N Main, St. Louis, Mo.; 1215 Filbert, Phila., Pa.; 176 Federal, Boston, Mass., & 210 E 23d, N. Y. (See adv. index, end of book)
Eller, J. H. & Co., 94 E. 5th, Canton, O.
Gaia, McGinley & Co., 23 S. 17th., Phila., Pa.
Kansas City Roofing & Corrugating Co., Kansas City, Mo.
Lewis, Henry B., 45 Jos Campau av., Detroit, Mich.
Mesker, Geo. L. & Co., Evansville, Ind.
Mesker & Bro., 421 S. 6th, St. Louis, Mo.
MERRITT & CO., 1024 Ridge av., Phila., Pa. (See adv. index, end of book)
MILWAUKEE CORRUGATING CO., Milwaukee, Wis. (See adv. index, end of book)
Ornamental Iron & Wire Co., Portsmouth, Va.
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)
SMITH, F. P. WIRE & IRON WORKS, 100 Lake, Chicago, Ill. (See adv. index, end of book)
WHEELING CORRUGATING CO., Wheeling, W. Va.; 47 Cliff, New York; 45 Lake, Chicago, Ill.; 112 S 8th, St. Louis, Mo.; 402 Race, Phila., Pa.; 132 Pearl, Boston, Mass., & King St. Chattanooga, Tenn. (See adv. index, end of book.)

Awnings (Venetian)

WILSON, JAS. G. MFG. CO., 3 W. 29th, N. Y. (See adv. index, end of book)

Awnings & Tents.

(See Tents, Railroad Contractors.)

Axe Mfrs.

American Axe & Tool Co., (Chopping, Broad, Boys, Firemans, etc.), Glassport, Pa., & 253 B'way, N. Y.
Bangor Edge Tool Co. (The Peavy, Chopping, Stamp, Pole, Hunting, Last Block, Splitting, etc.), Bangor, Me.
Billings, Geo. P., Clinton, Me.
Black, H. B. & Co., Chester, Pa.
Bradley's, G. W. Sons, (Hand made, Dock Chopping, Ice, Post, Fire, Broad, etc.), Westport, Conn.
Colclesser Bros., El Dorado, Pa.
Collins Co., Collinsville, Conn., & 212 Water, N. Y.
Dalzell Axe Co., South Egremont, Mass.
Dunn Edge Tool Co., Oakland, Me.
Emerson-Stevens Mfg. Co., Oakland, Me.
Evansville Tool Works (Broad, Hunters', Boys', Post Hole, Firemen's, etc.), Evanville, Ind.
Findlay Axe & Tool Co., Findlay, O.
Hammond, C. & Son (Boys' & Hunters'), Ogontz, Pa.
Kelley, B. & Co., Belfast, Me.
Kelly Axe Mfg. Co., Charlestown, W. Va.
Mann, Jas. H., Lewistown, Pa.
Mann, W. H., Mill Hall, Pa.
Munson Co., Grand Rapids, Mich.
National Tubular Axle Co., Emigsville, Pa.
North Wayne Tool Co. (Hand-made), Hallowell, Me.
Peck Edge Tool Co. (Broad, Fire, etc.), Cohoes, N.Y.
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 27 Murray, N. Y.
Phila. Steel & Iron Co., Fkd., Phila., Pa.
Plumb, Fayette R., Tucker & P. R. R. Fkd, Phila., Pa.
Prouty, C. & Co. (Single & Double Bit), Eldred, Pa.
Rixford Mfg. Co., East Highgate, Vt.
Romer Axe Co., Dunkirk, N. Y.
Standard Axe & Tool Works (Hand-made), Ridgway, Pa.
United States Edge Tool Co. (Single & Double Bit), Cattaraugus, N. Y.
Warren Axe & Tool Co., Warren, Pa.
White, L & I. J. Co., 143 Perry, Buffalo, N. Y.
Winsted Edge Tool Works, Winsted, Conn.
Witham, G. S., Caratunk, Me.

Axes (Ice)

American Axe & Tool Co., Glassport, Pa., & 253 B'way, New York.
ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book.)
Bradley's G. W. Sons, Westport, Conn.
Chalfant Mfg. Co., Lancaster, Pa.
Evansville Tool Works, Evansville, Ind.
Gerlach, Peter & Co., 28 Columbus, Cleveland, O.
Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Palmer Hdw. Mfg. Co., Green Island, P. O., Troy, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn., & 27 Murray, N. Y.
Stoltz, John & Son, 210 Vine, Phila., Pa.
United States Edge Tool Co., Cattaraugus, N. Y.
White, L. & I. J. Co., Buffalo, N. Y.

Axes (Pocket)

Marble Safety Axe Co., ("Marble" Safety), Gladstone, Mich.

Axes, Stone Workers'

ANDERSON, WM. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Evansville Tool Works, Evansville, Ind.
Hammond, C. & Son, Ogontz, Pa.
Harvey, H. H., 608 Atlantic av., Boston
Hauck, Wm. J., 306 Southwest boul, Kansas City, Mo.
Hubbard & Co., Murtland bldg, Pittsburg, Pa.
Iron City Tool Works (Ltd.), 32d & Smallman,
Klein-Logan Co., S 13th & Breed, Pittsburg, Pa.

Axle Washers (Hard Fibre)

(See Fibre Mfrs., Hard.)

Axles (Ball or Roller Bearing)

American Roller Bearing Co. (Ball & Roller), 40 Binford, Boston, Mass.
BUDA FOUNDRY & MFG. CO. (For Cars, etc.), Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
Concord Axle Co., ("Brown's" Roller Bearing). Penacook, N. H.
Lee & Porter (Ball), Dowagiac, Mich.
Moffett Vehicle Bearing Co. (Roller), Saginaw, Mich.
Standard Anti-Friction Equipment Co. (Th "Empire" for heavy trucks, Fire Apparatus, etc.), 144 W 39th. N. Y.
Standard Ball Axle Works, Lancaster, Pa.
Star Ball Bearing Axle Co., Princeton, Ill.
Timken Roller Bearing Axle Co., Canton, O.

Axles (Ball or Roller Bearing, Bike)

(See also Wheels & Axles, Ball or Roller Bearing.)

Pneumatic Wheel Co. (Inc.), Freehold, N. J.
Weston-Mott Co. (Ball Bearing), Utica, N. Y.

Axles (Car & Locomotive)

Akron Foundry Co. (Steel), Akron, O.
American Car & Foundry Co. (Car, Locomotive & Mine Car), 706 Chestnut, St. Louis, Mo., & 25 Broad, New York.
Atlas Bolt & Screw Co. (Mine, etc.), Marquette opp. Hamilton, Cleveland, O.
Baltimore Car Wheel Co., Patterson av & Payston (Car only), Baltimore, Md.
Bass Foundry & Machine Co. (Iron & Steel Car, Driving, etc.), Ft. Wayne, Ind.
Bethlehem Steel Co. (Nickel Steel, Car, Locomotive, etc.), South Bethlehem, Pa.; 100 B'way, N. Y.; Phila B'k bldg., Phila., Pa., & Marquette bldg, Chicago
Bettendorf Axle Co., Davenport, Ia.
Bierce, Wm. W., (Ltd.), (Mfrs. Agents), New Orleans, La.
Block-Poliak Iron Co. (Car, Locomotive & Driving), Carthage, Cincinnati, O.
Boston Forge Co. (Tender, Truck & Driving), 340 Maverick, E. B., Boston, Mass.
Brill, J. G. Co. (Street Car), 62d & Woodland av, Phila., Pa.
BUDA FOUNDRY & MFG. CO., Rail-way Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
Cambria Steel Co., Johnstown, Pa., & Arcade bldg, Philadelphia, Pa.
Carbon Steel Co. (Nickel Steel, Car, Locomotive, etc.), 32d & Smallman, Pittsburg, Pa.
Carnegie Steel Co. (Car, Locomotive, etc.), General offices, Carnegie bldg, Pittsburg, Pa.; 1502 Market, Phila., Pa.; Rookery bldg, Chicago, Ill., & 71 B'way, New York.
Central Foundry & Car Co., Irvana, Pa.
Cleveland City Forge & Iron Co. (Locomotive, Car, etc.), 67 Case av, Cleveland, O.
Cole Mfg. Co. (Locomotive & Street Car), Lakeport, N. H.
Crucible Steel Co. of America, Pittsburg, Pa.
Dorner Truck & Foundry Co. (Street Car), Logansport, Ind.
Eastern Forge Co. (Car, etc.), Boston, Mass.
Georgia Foundry & Mach. Works (Street Car), Rome, Ga.
Gould Coupler Co. (Car & Locomotive), 1 W 34th, N. Y.; Rookery bldg, Chicago; Commercial bldg, St. Louis, Mo. Works: Depew, N. Y.
Griffin Wheel Co., 138 Jackson blvd, Chicago, Ill.
Helmbacher Forge & Rolling Mill Co. (Locomotive, Car, etc.), 706 Chestnut, St. Louis, Mo.
Hockensmith Wheel & Mine Car Co., (Axles for Mine Cars), Irwin, Pa.
Johnson Forge Co. (Iron & Steel), Wilmington, Del.
Jones, B. M. & Co. (The Tailor Iron), 81 Milk, Boston, & 143 Liberty, N. Y.
Lehigh Car Wheel & Axle Works, Fullerton, Pa.
Liggett Spring & Axle Co., Pittsburg, Pa.
Lockhart Iron & Steel Co. (Car, Driving, etc.), McKees Rocks, Pa.
Louisville Steam Forge Co. (Locomotive, Car, etc.), 308 5th, Louisville, Ky.
Midvale Steel Co. (Nickel Steel, Locomotive, Tender, Truck & Car), main office and works: Nicetown, Phila., Pa.; 100 B'way, N. Y.; Old Colony bldg, Chicago, & San Francisco, Cal.
New York Car Wheel Works (Cold Rolled), Buffalo, N. Y., & 771 Greenwich, N. Y.
Otis Steel Co. (Locomotive, Car, etc.), Lake c Lawrence, Cleveland, O.
Peacock's Iron Works (Mine Car, etc.), Selma, Ala.
Penna Steel Co., Girard bldg., Phila., Pa. Works, Steelton, Pa.
Pittsburg Forge & Iron Co. (Locomotive, Car, etc.), 10th & Penn av., Pittsburg, Pa.
Portland Co., Portland, Me.
Reading Iron Co. (Driving, etc.), Reading, Pa.
Republic Iron & Steel Co., "Locomotive, Car, etc.," 108 LaSalle, Chicago, Ill.; Ellicott sq bldg, Buffalo, N. Y.; Citizens' Bank bldg, Cleveland, O.; Birmingham, Ala.; Manhattan Life bldg, N. Y.; Mermod-Jaccard bldg, St. Louis, Mo.; Endicott Arcade, St. Paul, Minn.; Traction bldg, Cincinnati, O., & Frick bldg, Pittsburg, Pa.
St. Louis Car Co. (Street Car), 8000 N B'way, St. Louis, Mo.
St. Louis Steam Forge & Iron Works (Locomotive, Car, etc.), East St. Louis, Ill.
Scott & Oliver Mfg. Co. (Mine Car Only), Knoxville, Tenn.
Sheffield Car Co. (for all kinds of Light Cars), Three Rivers, Mich.
Sizer, W. S. (Locomotive, Car, etc.), ft Jefferson, Buffalo, N. Y.

Standard Forging Co., Indian Harbor, Ind.
Standard Steel Works (Car & Locomotive), Harrison Bldg., Philadelphia, Pa.
Taylor Iron & Steel Co. (Car, Locomotive, etc.), High Bridge, N. J., & 253 B'way, N. Y.
Titusville Forge Co., Titusville, Pa.
Union Drawn Steel Co., "Car, only," Beaver Falls, Pa., & 127 Duane, New York.
Van Dorn & Dutton Co. (Electric Car), 1796 E. Madison av., Cleveland, O.
Vulcan Iron Works (Car & Locomotive), Wilkesbarre, Pittston & Tamaqua, Pa.
Watt Mining Car Wheel Co., Barnesville, O.

Axles (Carriage)

Ahlborn & Neckerman, 33d & A. V. R. R., Pittsburg, Pa.
American Tool Works, 109 Mission, San Francisco, Cal.
Bailey, S. R. & Co., Amesbury, Mass.
Bettendorf Axle Co. (Wagon Only), Davenport, Iowa
Bierce, Wm. W., (Mfrs. Agents), Hannen bldg, New Orleans, La.
Bloch Axle Co., Mobile, Ala.
Chicago Screw Co. (Ball Bearing), Chicago, Ill.
Cleveland Axle Mfg. Co., Canton, O.
Concord Axle Co. (&Wagon, also Brown's Roller Bearing Axles), Penacook, N. H.
Connersville Axle Co. (Steel), Connersville, Ind.
Crucible Steel Co. of America, Frick bldg. Pittsburg, Pa.; 64 S. Clinton, Chicago, & 71 B'way, N. Y.
Dalzell Axle Co. (& Wagon), South Egremont, Mass.
Drummond Mfg. Co., Louisville, Ky.
Durant-Dort Carriage Co., Flint, Mich.
Gardner's F. Sons, Carlisle, Pa.
Grant Axle & Wheel Co. (Roller Bearings), Springfield, O.
Hay, Houston, Axle Co., Coshocton, O.
Hess Spring & Axle Co., Carthage, Cinn., O.
Higgins Spring & Axle Co., Racine, Wis.
Keagy & Lear Machine Co., Coshocton, Ohio
Kelley Axe Mfg. Co., Chalestown, W. Va.
Kinsley Iron & Machine Co. (Wagon Only), Canton, Mass.
Lee & Porter (Dust Proof), Dowagiac, Mich.
Lewis Spring & Axle Co., Jackson, Mich.
Liggett Spring & Axle Co., 1033 Beaver av, Allegheny, Pa.
Meeker Mfg. Co. (Ball Bearing), Dayton, O.
Miller, Willis E., New Haven, Conn.
Milton Mfg. Co., Milton, Pa. Conn.
Mulholland Co. (Ball Bearing), Dunkirk, N. Y.
Parry Mfg. Co., Indianapolis, Ind.
Pontiac Axle Co., Pontiac, Mich.
Scranton Axle Works, Scranton, Pa.
Sheldon Axle Co. (Anchor Brand), Wilkesbarre, Pa.
Spears Axle Co., Wheeling, W. Va.
Standard Roller Bearing Co., 48th & Girard av., Philadelphia, Pa.
Tomlinson Spring Co., 233 N. J. R. R. av, Newark, N. J.
Trankle & Foote, Phila., Pa.
Union Drop Forge Co., 66 E Ohio, Chicago, Ill.
Weston-Mott Co., Utica, N. Y.
Wilcox, D., Mfg. Co. (Bike, Wagon, etc.), Mechanicsburg, Pa.
Wood, Smith & Co., Chicago, Ill.
Wurster, F. W. & Co., 375 Kent av, Brooklyn, N. Y.

Axles (Children's Carriage)

Heartley Machine Variety Iron & Tool Works, Toledo, O.

Axles (Roller Bearing)

(See Axles, Ball or Roller Bearing.)

Axles & Shafts (Hollow)

Bethlehem Steel Co., South Bethlehem, Pa.; 100 B'way, New York; Phila. Bank bldg, Phila.,

Babbitt Metal.

(See also Bearings of various kinds.)

ALABAMA.

BIRMINGHAM—Ajax Metal Co., (of all kinds)
MOBILE—Zelnicker, Walter A., Supply Co.

CALIFORNIA.

SAN FRANCISCO—Bay City Engineering & Supply Co., 322 Howard.
Finn, Jno., Metal Works, 313 Howard.
Garratt, W. T. & Co., 140 Fremont
Great Western Smelting & Refining Co., 217 1st
Magnolia Metal Co., Hearst bldg.
O'Brien, Michael, 142 1st
Pacific Metal Wks, 139 1st
Pickthall, M. & Co., 105 Fremont
Selby Smelting & Lead Co., 416 Montgomery
Union Metal Co., 52 Bluxome

COLORADO.

DENVER—Bogue Lead Co., 1810 Blake

CONNECTICUT.

BRIDGEPORT—Bridgeport Deoxidized Bronze Metal Co.
Rowell, W. G. & Co.
HARTFORD—Blake, T. J. & Son
NEW HAVEN—Graham, Jas. & Co., 293 Wooster
Magnus Metal Co., 248 Cedar
Reynolds Brass Foundry, 99 Mill River
Stiles, A. C., Brass Foundry. & Metal Co., 200 Boulevard

ILLINOIS.

AURORA—Aurora Metal Co. (Brand "R. R."),
CAIRO—Reed, Jos. B.
CHICAGO—Besly, Chas. H. & Co., ("Hemlet") 15 Clinton
Blatchford, E. W. & Co., 70 N Clinton
CARPENTER, GEO. B. & CO., 202 S Water. (See adv. index, end of book)
Edna Smelting & Refining Co. (Porteous Graphite), Monadnock blk
Frictionless Metal Co., 74 S. Canal
Gould & Gould, 72 Market
Great Western Smelting & Refining Co., 179 W Kinzie
Illinois Smelting & Refining Works, 122 N Peoria
Kramer, H. & Son, 353 S Canal
Magnolia Metal Co., (of New York), Fisher bldg
Merchant & Co., (of Philadelphia), 14 Michigan
National Lead Co., (of New York), 1510 State
Palmetto Metal Co., ("Palmetto"), 167 Dearborn
Raymond Lead Co. (Aluminum, Copper, etc.), 51 W Lake
Ryan, J. J. & Co., 68 W Monroe

KENTUCKY.

LOUISVILLE—National Lead Co., 101 9th

LOUISIANA.

NEW ORLEANS—Frictionless Metal Co., 330 Carondelet
Magnolia Metal Co., 644 Magazine
New Orleans Roofing & Metal Works, 926 Lafayette
Zelnicker, Walter A. Supply Co.

MARYLAND.

BALTIMORE—Codd, E. J. Co., 708 S Caroline
Schultz, A. & Co. ("Eureka"), 1016 E. Baltimore

MASSACHUSETTS.

BOSTON—Blaney, Cyril C., 195 Devonshire
Blaney, W. W. & Co., 6 Northampton
Fairbanks Co., 44 Pearl
Mowry & Phillips Department, 197 High
National Lead Co., (of New York), 57 Broad
Priest, Page & Co., 143 Franklin
Star Refining Co., 50 State
EAST BRAINTREE—Victor Metals Co.
FITCHBURG—Hardy, Wm. A. & Son Co. ("S. S." Metal)
WORCESTER—Kindred & Taylor

MICHIGAN.

DETROIT—Bostwick, Jas. M. C., 372 Abbott
Duro Metal Co., ft Randolph
Mogul Metal Co., 58 Woodward av
National-Fulton Brass Mfg. Co., 22 Brush
National Lead Co., 81 W Woodbridge
Wing, J. T. & Co., 10 Woodward av
KALAMAZOO—New Era Mfg. Co.

MISSOURI.

KANSAS CITY—Kansas City Lead & Metal Works, 1407 Wyandotte
Rogers Metal Works
ST. LOUIS—Hiertz, Theo. Metal Co. ("Nonpareil"), Tennessee av & Poepping
Hoyt Metal Co., 4th & Locust
More-Jones Brass & Metal Co., 3144 N B'way
National Lead Co., (of New York), 1001 Clark av

NEW JERSEY.

ARLINGTON—Hoyt Metal Co.
BELLEVILLE—Eastwood Wire Mfg. Co., ("Perfection")
JERSEY CITY—Magnus Metal Co., 364 9th
Williams, E. A. & Son, 105 Plymouth
NEWARK—Magnus Metal Co., 335 6th av

NEW YORK.

BUFFALO—**LUMEN BEARING CO., 1155** Sycamore. (See adv. index, end of book.)
Magnus Metal Co., Fidelity Trust bldg
National Lead Co., (of New York), Clinton & Oak
DEPEW—Magnus Metal Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Lissberger, Marks & Son, 875 Driggs av
Merchant & Co. (Inc.), 584 Flushing av
National Smelting & Refining Works, (H. Heppenheimer, Prop.), 419 Marcy av

Boroughs of Manhattan & Bronx

NEW YORK—Ajax Metal Co. ("The Eclipse," of Phila., Pa.), 71 B'way
Allan, A. & Son, ("Allan's" Red Anti-Friction Metal), 2 Desbrosses
American Metal Co., 52 B'way
Columbia Smelting & Refining Works, 366 West
Lissberger, B. & Co., 738 E 14th
Lissberger, Marks & Son, 397 W 12th
Magnolia Metal Co., 113 Bank
Magnus Metal Co., 170 B'way
Merchant & Co., 247 Water
Nassau Smelting & Refining Works, 607 W 29th
National Lead Co., 100 William
National Metal Co., 120 Liberty
Pittsburg White Metal Co., 160 Leroy
Taylor, N. & G. Co., 1123 B'way
Victor Metals Co. (Inc.) ("Victor" & "Azalea"), 29 B'way
Wildes, Thomas, 246 Water
END OF NEW YORK CITY.

ROCHESTER—Clum & Atkinson, 575 Lyell av
Genesee Metal Works, Hague & N. Y. C. R. R.
Rochester Lead Works, 380 Exchange
Wray, Henry & Son, 193 Mill
TROY—Teschan, L. A., 98 River

OHIO.

CINCINNATI—American Valve & Meter Co. ("Paragon"), 1121 Gest
Edna Smelting & Refining Co. (Porteous Graphite), 525 Reading rd
McDonald, Jas. & Sons Co., 654 Main
McGowan, Jno. H. Co., 54 Central av
Morris, E. K. & Co., 315 W 2d
National Lead Co., (of New York), 7th & Freeman av
Powell, Wm. Co., 2525 Spg Grove av
Van Duzen, E. W. Co., 428 E 2d

CLEVELAND—Aluminum & Bronze Castings Co., ("Diamond" Bearing Metals), 1174 Hamilton
Metal Sales Co., Citizens bldg
National Lead Co., (of New York), Champlain, Junc. Canal
DAYTON—Ebbers Bros., 916 E 3d
MANSFIELD—Ohio Brass Co.
YOUNGSTOWN—Falcon Bronze Co.

OREGON.

PORTLAND—Arthur, J. M. & Co.
Pacific Metal Works, (of San Francisco. Cal.)

PENNSYLVANIA.

ALLEGHENY—Damascus Bronze Co.
Magnus Metal Co., 519 Preble av
EASTON—Baker & Adamson Chemical Co.
PHILADELPHIA—Ajax Metal Co. (Inc.), 48 Richmond
Atlas Smelting & Refining Co., 1008 G'tn av
Delaware Metal Refinery, 18th & Wash'n av
Fullerton, Frank S., 438 E Girard av
Hooks Smelting Co., cor Broad & Hamilton
Hagstoz, T. B. Co. (Ltd.), 709 Sansom
King, Jno., Smelting Works, 1330 S 10th
Lewis, Jno. T. & Bros. Co., 231 S Front
McHatton Smelting Co., 1500 Wash'n av
Merchant & Co. (Inc.), 517 Arch
North American Smelting Co., 9th & Thompson
Penn Smelting & Refining Co., 901 Filbert
Philips, F. R. & Sons Co. "Zero & Motor"), Penna bldg
Reeves, Paul S. & Son, 1415 Catharine
Shimer, H. M. & Co., 19th & Wash'n av
Tatham & Bros., 226 S 5th
Taylor, N. & G. Co., 410 Mariner
U. S. Smelting Works, 1613 Spg Garden
White & Bro., 1506 E Montgomery av
Woodfall Bros., 1105 Fairmount av
PITTSBURG—Bailey-Farrell Mfg. Co., 3d av & Ross
Best Mfg. Co., (The "Eclipse") 25th & A. V. Ry.
Cadman, A. W. Mfg. Co. (Cadman's Aluminium), 2814 Smallman
Fox Copper & Bronze Mfg. Co., 2624 Smallman
Frictionless Metal Co., 236 4th av
Lawrenceville Bronze Co., Penna av & 31st
Magnolia Metal Co. (of New York), German Nat'l Bk bldg
Pittsburg Brass Mfg. Co., 107 Wood
Pittsburg White Metal Co., 3116 Penn av

TENNESSEE.

MEMPHIS—Lee Bros.

VIRGINIA.

RICHMOND—Frictionless Metal Co., 2 N 10th

WASHINGTON.

SEATTLE—Aztec Copper Mfg Co., 1027 1st av S
Finn, Jno. Metal Works
Great Western Smelting & Refining Co., 1247 1st av S
TACOMA—Puget Sound Metal Works

Babbitt Metal Melters.

American Gas Furnace Co., 23 John, N. Y.

Baggage Checks.

(See Checks, Baggage; also Checks & Check Blanks, Brass.)

Bags (Automobile Tool)

Federal Mfg. Co., Elyria, O.

Bags (Coal & Coke)

Ballou Basket & Bag Co., Belding, Mich.
CARPENTER, GEO. B. & CO., 202 S. Water, Chicago, Ill. (See adv. index, end of book)
Coye, Chas. A., Grand Rapids, Mich.
Lane, W. T. & Bro., Poughkeepsie, N. Y.
Van O Linda Mfg. Co., Yonkers, N. Y.

Bags (Gas Engine).

Morgan & Wright (Inc.), 19 N May, Chicago, Ill.

Bags (Filter).

Brautigan, Robt. (also Filter Cloth), N. 10th & Roebling, Brooklyn, N. Y.

Bags & Bagging

(Those marked with a † make Bagging also.)

Adams Bag Co. (Cement, Flour, etc.), Chagrin Falls, O., & Caxton bldg., Cleveland, O.
†American Mfg. Co. (Jute Bagging), 220 N 4th, St. Louis, Mo.; 65 Wall, N. Y., & Noble & West, Brooklyn, N. Y.
Ames & Harris (Inc.), Portland, Ore., & San Francisco, Cal.
†Androscoggin Mills (Grain, etc.), Lewiston, Me.
†Bailey, John T. & Co. (Jute & Burlap, Bags & Bagging), S. Water , c. Morris, Phila, Pa.
Ballou Basket & Bag Co. (Coal & Coke Bags), Belding, Mich.
Bemis Bros. Bag Co. (Bags & Bagging), 601 S. 4th, St. Louis, Mo.
California Cotton Mills Co. (Cotton Bags), Oakland, Cal.
California Jute Mill Co. (Grain, Sugar, Coffee & Wool Bags), 3 California, San Francisco, Cal.
†Charleston Bagging Mfg. Co. (Cotton & Jute Bagging, Charleston, S. C.
Chase, H. & L. Bag Co. (Bags), 18 N Main, St. Louis, Mo.
Cherokee Falls Mfg. Co. (Seamless Grain Bags & Bagging), Cherokee Falls, S. C.
Cincinnati Bag Co. (Cotton Seamless & Burlap), 2d & Walnut, Cincinnati, O.
Collins, J. Ross (Jute & Cotton), 197 West, N. Y.
†Columbia Cotton Mill Co. (Seamless Bags & Bagging), Columbia, Tenn.
†Dana Warp Mills (Grain Bags; also Bagging, etc.), Westbrook, Me.
Delta Bag Co., New Orleans, La.
Empire State Bag Co. (Flax & Jute Bags & Bagging), 742 Wythe av. Brooklyn, N. Y.
†Franklinville Mfg. Co. (Seamless Bags & Bagging), Franklinville, N. C.
Friedlander, Julius & Co. (Cotton Bagging), Columbus, Ga.
†Fulton Bag & Cotton Mills (Bags & Bagging), Atlanta, Ga.
Golden Belt Mfg. Co. (Tobacco Bags, etc.), Dunham, N. C.
†Grahamton Mfg. Co. (Seamless Grain, etc.), Grahamton, Ky.
†Gulf Bag Co., (Burlap), 330 Notre Dame, New Orleans, La.
Halsted, E. S. & Co., 75 Pearl, N. Y.
†Harmony Mills (Grain & Bagging, etc.), Cohoes, N. Y.
Hardwood Mfg. Co., 101 S 3d av, Minneapolis, Minn.
Hoffman-Corr Mfg. Co., 107 Duane & 16 Thomas, New York; 413 Market, Phila., Pa.; 570 Loomis, Chicago, Ill., & 118 Bay, Toronto, Can. Factories, Phila., Pa. & Fitchburg, Mass.
Iroquois Mfg. Co., 275 Main, Springfield, Mass.
†Jackson Fibre Co. (Cotton Cloth for Bagging), Jackson, Tenn.
King Mfg. Co. (Cotton, Burlap, etc.), Front & Main, Cincinnati, O.
Kurtz Bag Co., 11 Coenties Slip
Lake Superior Bag Co., West Superior, Wis.
Milwaukee Bag Co. (Burlap, Cotton & Paper Bags(, 208 S Water. Milwaukee, Wis.
Morgan & Hamilton Co., Nashville, Tenn.
†Naomi Falls Mfg. Co. (Seamless Grain, Salt. etc.), Randleman, N. C.
Neahr, M. J. & Co., 89 S. Clinton, Chicago, Ill.
Neville & Co. (Inc.), 31 California, San Francisco, Cal., & Portland, Ore.
Noon, W. C. Bag Co. (Grain, etc.), Portland, Ore.
†Odell Mfg. Co. (Seamless Bags & Bagging), Concord, N. C.
Peru Bagging Mfg. Co. (Jute Bagging), Peru, Ind
Raymond Bag Co. (Cotton), 317 John, Cincinnati, Ohio
Royal Bag & Yarn Mfg. Co. (Seamless & Flour Bags), Charleston, S. C.
San Quentin State Prison Jute Factory, (Jute. Grain, Bags), San Quentin, Cal.
Sherman Cotton Mills (Seamless Grain Bags), Sherman, Tex.
†Stark Mills (Grain Bags; also Bagging, etc.), Manchester, N. H.
State Penitentiary Jute Milll (Jute Bags, etc.), Walla Walla, Wash.
Taggart Bros. Co. ("Paper, Cement & Flour"), Watertown, Pa.
Tarentum Paper Mills, Pittsburg, Pa. Mills, Tarentum, Pa.
†Tennessee Mfg. Co. (Seamless Grain), Nashville, Tenn.
U. S. Cotton Duck Corp. (Seamless Grain Bags, etc.), Baltimore Md.
†Willard Bag & Mfg. Co. (Burlap & Cotton Bags & Bagging), Wilmington, N. C.
Washington State Penitentiary (Burlap & Grain Bags), Walla Walla, Wash.
Worth Mfg. Co. (Seamless), Worth, N. C.

Balances, Assaying.

Ainsworth, Wm. & Sons, Denver, Colo.
Becker, Christian, 5 Maiden la., N. Y.
Fairbanks Co., 186 Elm, New York
Kohlbusch, Herman, 194 B'way, N. Y.
QUEEN & CO. (Inc.), 1010 Chestnut, Phila., Pa., & 59, 5th av, New York. (See adv. index, end of book)
Thompson, F. W., 1717 Arapahoe, Denver, Col.
Troemner, Henry, 911 Arch, Phila., Pa.

Balances (Spring)

Ashcroft Mfg. Co., 85 Liberty, New York

Ballast (Railroad).

(See also Stone, Crushed.)

American Lime & Stone Co., Tyrone, Pa.
Connecticut Trap Rock Quarries, New Haven, Conn.
Davy Burnt Clay Ballast Co., Kenosha, Wis.
El Paso Ice & Refrigerator Co., El Paso, Tex.
General Crushed Stone Co. (Inc.), So. Bethlehem, Pa.; No. Leroy, N. J., & Jerome Park, N. Y. City.
Keenan, D. F., (Trap Rock), 721 Main, Hartford, Conn
Walton Quarries (Blue Limestone), Harrisburg, Pa

Ballast Loaders & Unloaders.

Beatty, M. & Sons, Welland, Ontario, Can.
BRODERICK & BASCOM ROPE CO. 809 N. Main, St. Louis, Mo., and 33 South, N. Y. (See adv. index, end of book)
Excelsior Hoisting Machinery Co., Warren, O.
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 510 Main Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av., St. Louis; 1217 Union av., Kansas City Mo.; 234 E. 3rd, St. Paul; 220 Nicollet av., Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 London, Eng. (See adv. index, end of book)
LESCHEN, A. & SONS ROPE CO., 920 N. 1st, St. Louis Mo.; 137 E. Lake, Chicago; 163 Wash'n, N. Y., & 1717-23 Arapahoe, Denver, Colo. (See adv. index, end of book)
LIDGERWOOD MFG. CO., 96 Liberty, N. Y., & Old Colony bldg., Chicago. (See adv. front colored page.)
Marion Steam Shovel Co., Marion, O.
SHAW, WILLIS, 171 Lasalle, Chicago. (See adv. index, end of book)
Vulcan Iron Works Co., Toledo, O.

Ballot Boxes, Steel & Wood.

(See also Election Booths.)

American Steel House Co., 796 11th av, N. Y.
Hall & Wood Ballot Box Co., Halpin & Ferris avs. Cincinnati, O.
Penna. Construction Co. (Wood only), Marietta, Pa.

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Federal Mfg. Co., Elyria, O.

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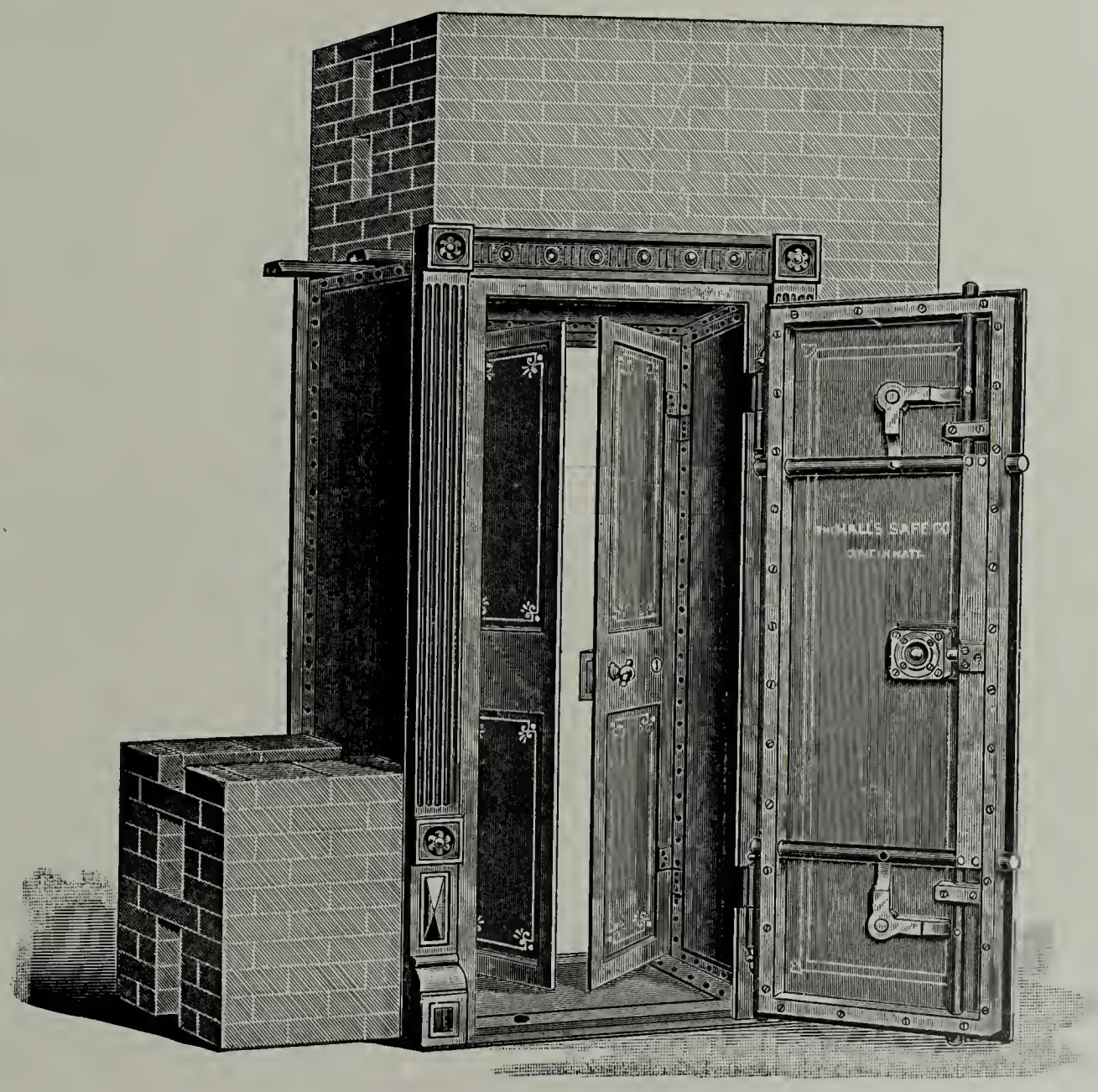
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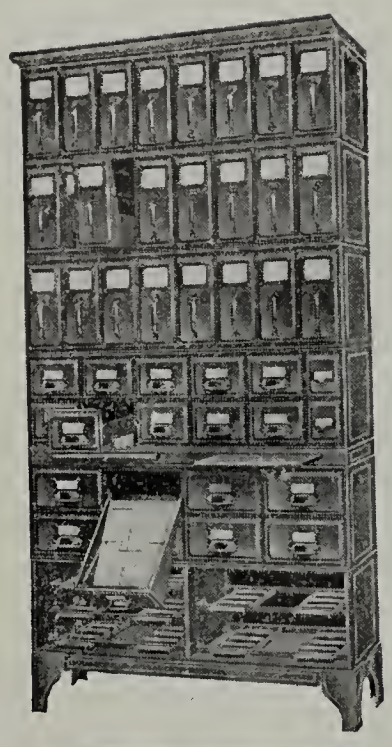
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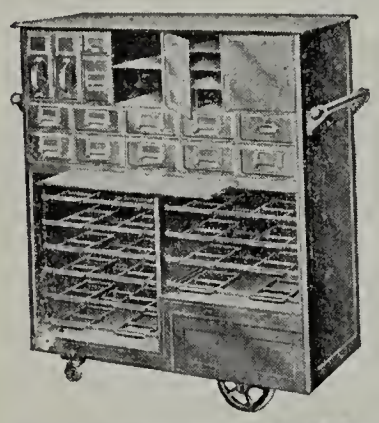


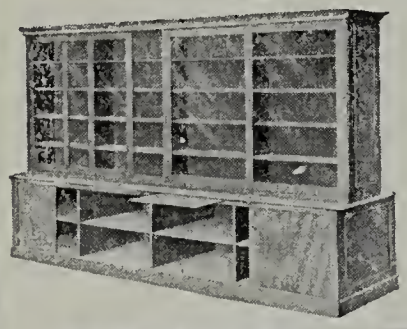


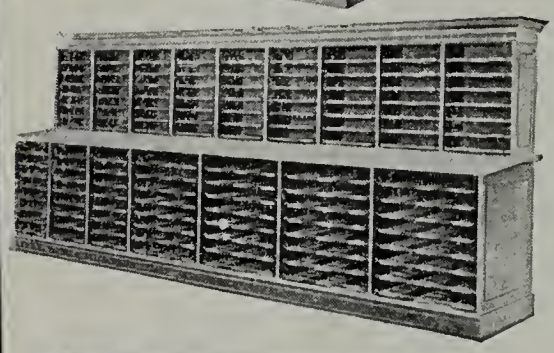


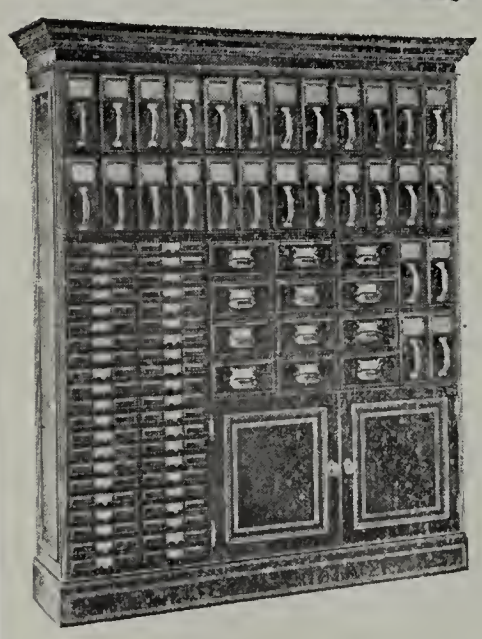
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Federal Mfg. Co., Elyria, O.

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Hathorn Mfg. Co., Bangor Me.
Standard Roller Bearing Co., N 48th & Girard av, Phila., Pa.
Steel Ball Co., 840 Austin av, Chicago, Ill.
Transue & Williams Co., Alliance, O.
Wyman & Gordon (Unfinished), Worcester, Mass.

Balls (Wood)

American Enamel Co. (Plain & Enameled), Providence, R. I.
Estes, E. B. & Sons. 45 John, N. Y.

Bands (Hose)

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Hudson Parer Co., Leominster, Mass.
Phoenix Hardware Mfg. Co., Homer, N. Y.
Sherman, H. B. Mfg. Co., Battle Creek, Mich.
Yerdon, Wm., Fort Plain, N. Y.

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CARPENTER, GEO. B. & CO., 202 S. Water, Chicago, Ill. (See adv. index, end of book)
Curtis & Co. Mfg. Co. (Black & Galvanized), 42 S Canal, Chicago.
DE HAVEN MFG. CO., 59 Columbia Heights, Brooklyn, N. Y. (See adv. index, end of book.)
MILWAUKEE CORRUGATING CO. (Shingle & Post Bands), Milwaukee, Wis. (See adv. index, end of book)
Ohio Galvanizing & Mfg. Co. (Shingle), Niles, Ohio.
Paton, J. & Co. (Iron & Steel), Cleveland, O.
Zelnicker, Walter A. Supply Co. ("Zeinicker" Cold Rolled Steel), 408 N 4th, St. Louis, Mo., Mobile, Ala., & New Orleans, La.

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Barnes Safe & Lock Co., 325 3d av., Pittsburg, Pa.
Buzzell & Blair, 175 Monroe, Chicago, Ill.
Cary Safe Co., Chicago & Scott, Buffalo, N. Y.
Chrome Steel Works (Chrome Steel), Chrome, N. J.
Cornell, J. B. & J. M. Co. ("Burglar Proof"), 26th & 11th, N. Y.
Diebold Safe & Lock Co., Canton, O.; 30 Reade, N. Y.
Dyer Bros., 382 2d, San Francisco, Cal.
Foster, Geo. E. & Co., 51 & 53 Sudbury, Boston, Mass.
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HERRING-HALL-MARVIN SAFE CO., Hamilton, O.; 400 B'way, New York; Phila., Pa.; St. Louis, Mo., & San Francisco, Cal. (See adv. index, end of book)
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Macneale & Urban Co., Hamilton, O.
Manganese Steel Safe Co., Plainfield, N. J.
Meyer, L. A. Co., 448 E. Water, Milwaukee, Wis.
Miller, L. H. Safe & Iron Works, Baltimore, Md.
Morris-Ireland Safe Co., 64 Sudbury, Boston, Mass.
Mosler Safe Co., Main Office & Works, Hamilton, O.; Branches, 373 B'way, N. Y.; 8 W. 3d, Cincinnati, O.; Masonic Temple, Chicago, Ill., & 53 Sudbury, Boston, Mass.
National Safe & Lock Co., 13 Craw av, Cleveland, O.
Phoenix Iron Works, Portland, Ore.
Remington & Sherman Co., 38 Park pl, N. Y., & 624 Richmond, Phila., Pa.
Stewart Jail Works Co., 716 E 3d, Cincinnati, O.
Trumbull Safe & Vault Co., 117 Lake, Chicago, Ill.
Victor Safe & Lock Co., 326 E 8th, Cincinnati, O.
Waltz Safe & Lock Co., 111 Market, San Francisco, Cal.
Western Iron Works, 123 Beale, San Francisco, Cal
York Safe & Lock Co., York, Pa.; 72 Maiden la., N. Y., & 33 S. Charles, Baltimore, Md

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Krag Metallic Construction Co., Pontiac Bldg., Chicago, Ill.
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Fruhling, Wm. A., 218 S Los Angeles
Jones, Jas. Co., College n Main
WINSLOW BROS. CO., 108 Ord. (See adv. index, end of book)
SAN FRANCISCO—California Artistic Metal & Wire Co., 539 Mission
Garratt, W. T. & Co., 138 Fremont
Ralston Iron Works, 222 Howard
San Francisco Novelty & Plating Works, 519 Mission
Sperry Wire & Iron Works, 735 Mission
Standard Iron & Wire Works, 539 Mission
West Coast Wire & Iron Works, 17 Fremont
Western Wire Works, 751 Mission
WINSLOW BROS. CO. (Iron, Brass and Bronze), 121 New Montgomery. (See adv. index, end of book)

COLORADO.

DENVER—Denver Iron & Wire Works Co., 1403 Market
Grauman, L. & Co., 1113 California
Pioneer Iron & Wire Works Co., 1437 Market

CONNECTICUT.

BRIDGEPORT—Barnes, T. M., 232 Stratford av.
Booth, R. G. & Co., 23 Crescent av.
HARTFORD—Crosthwaite, Fred S.
Hartford Wire Works, 247 Asylum
Howard, James L. & Co., 438 Asylum
MERIDEN—**BRADLEY & HUBBARD** Mfg. Co. (See adv. index, end of book)
NEW HAVEN—Burgess, Edw. A. (est. of), 67 Court
PLAINVILLE—Elm City Brass & Rivet Co.
Smith, Edw. F. & Co., 29 Crown
Yale Safe & Iron Co., 52 Richards, West Haven

GEORGIA.

ATLANTA—Atlanta Wire & Iron Works Co., 64 N. Broad

ILLINOIS.

CHICAO—American Iron & Wire Works, 575 Carroll av.
Baldwin Brass Works, 232 S Clinton
Barbee Wire & Iron Works, 44 Dearborn
Booth, John, 14 N Canal
Central Architectural Iron Works, (Inc.), Fisher bldg.
CHICAGO ORNAMENTAL IRON Co., 37th & Stewart av. (See adv. index, end of book)
Co.-Op. Wire Works, 4325 Wentworth av.
Columbian Hardware Co., 86 Michigan
Gilbert & Bennett Mfg. Co., 153 Lake
Halst, Chas. A. & Co., 73 W Wash
Halsted, Jos., 388 W Randolph
Hickey, M. H. Wire & Iron Works, 54 Dearborn
LANDON & EGGERS IRON & Wire Works, 1243 Fillmore .(See adv. index, end of book)
Matthews, John, 1473 N Clark
Peet, F. G., 678 W Madison
Purcell, N. F. & Co., 232 S Clinton

SMITH, F. P. WIRE & IRON Works, 100 Lake. (See adv. Index, end of book.)
STANDARD CO., W. 15th & Laflin. (See adv. Index, end of book.)
Turner Brass Works, Franklin c Michigan
Voss, Fred'k., 617 Austin av., Chicago, Ill.
Weary & Alford, 204 Dearborn
WINSLOW BROS. COMPANY (Iron, Brass & Bronze), 368 Carroll av. (See adv. index, end of book.)
EDWARDSVILLE—Edwardsville Brass Co.
Van Epps, Hy. R., 610 Main
ROCKFORD—Andrews Wire & Iron Works.

INDIANA.

EVANSVILLE—Mesker, Geo. L. & Co. (Wire & Iron)
INDIANAPOLIS—Inland Wire Works, 208 S Penn
Langsenkamp Bros. Brass Works, 138 E Georgia
Roch, Tobias, 225 E Pearl
LAFAYETTE—Barbee Wire & Iron Works
RICHMOND—Chandelier & Art Brass Works.
TERRE HAUTE—Up-to-Date Mfg. Co.

IOWA.

DES MOINES—Central Iron Works, 118 Grand av
Des Moines Wire Works, 115 Locust
DUBUQUE—Martin-Culbertson Co., 8th & Vine
Trenk Wire Works, Iowa c 4th

KENTUCKY.

LOUISVILLE—Champion Iron & Wire Works, 1115 Underhill
Dow Wire Works Co., 730 W. Market
Falls City Wire Works, 261 W Jeff'n
Imperial Wire, Iron & Roofing Co., 221 W Market
Kentucky Wire Works, 120 W Market
Snead Arch'l Iron Works

LOUISIANA.

NEW ORLEANS—**WINSLOW BROS. CO.,** Hennen bldg. (See adv. index, end of book)

MAINE.

PORTLAND—Megquier & Jones Co., 33 Pearl

MARYLAND.

BALTIMORE—Balderston, H. & Son, 119 Light
Dufur & Co., 311 N Howard
Meiser, H. & Son, 210 Clay
Stidman & Co., 16 N. Frederick
WINSLOW BROS. CO., N. W. cor. Clay & Liberty. (See adv. index, end of book)

MASSACHUSETTS.

BOSTON—Bay State Brass Foundry, 155 A (S B)
Boston Wire & Art Metal Co., 150 Portland
Chelmsford Foundry Co., 159 Devonshire
Dow, F. R., 19 Province
Hub Wire Cloth & Wire Work Co., 13 Devonshire
Morss & Whyte, 75 Cornhill
Murdock Corporation, 156 Boylston
NATIONAL MFG. CO., 75 Equitable bldg. (See adv. index, end of book)
Whyte, Oliver & Co., 17 Cornhill
LOWELL—Rice & Co., 251 Mt Vernon
SPRINGFIELD—Bigelow Cheney Wire Works, c Taylor & Dwight
Emory, P. P. Mfg. Co., 48 Hampden
WORCESTER—Dean, H. E. & Co., 180 Austin
NATIONAL MFG. CO. (See adv. index, end of book)
WRIGHT WIRE CO. (See adv. index, end of book)

MICHIGAN.

DETROIT—Acme Fancy Wire Works, Canfield av & Moran
Advance Wire & Iron Mfg. Co., 381 Mich. av.
AMOS, CHARLES & CO., 94 W Larned. (See adv. Index, end of book.)
Barnum, E. T. Wire & Iron Works
Bolles, J. E. Iron & Wire Works, 4th av. & Porter
De Croupet Iron Works, 127 Brush
Detroit Wire & Iron Works, 1259 Military av
Inglis, Wm. Iron & Wire Works, 59 Woodbridge, E.
Majestic Wire Fence Co., 196 Congress W.
Phoenix Wire Works, 68 Champlain
VULCAN CO., 15 Raynor. (See adv. index, end of book)
Whitterkin, Jos., 280 18th

MINNESOTA.

MINNEAPOLIS—**FLOUR CITY ORNA**mental Iron Works. 2637 S 27th av. (See adv. index, end of book)
Great Western Ornamental Iron Works, 107 1st av., N.
WINSLOW BROS. CO., Andrus bldg. (See adv. index, end of book)
ST PAUL—Herzog Iron Works.
Perkins Mfg. Co., 1121 E 7th
Rothwell, Jos., 474 Jackson

MISSOURI.

KANSAS CITY—Central Brass Works, c Wyandotte & S W boul
Kansas City Wire & Iron Works, 1428 Oak
Kleeman, Trotter & Co., 1327 Main
Poncik, Martin, 918 E 12th
Tilk, Frank, 213 W 19th
ST. LOUIS—Globe Iron & Foundry Co., 9th & Victor
Lasar-Letzig Mfg. Co., 16th & O'Fallon
Pullis, T. R., 813 Chestnut
St. Louis Wire & Iron Co., 520 Chouteau av
WINSLOW BROS. CO. (Iron, Brass and Bronze), Colonial Trust bldg. (See adv. index, end of book.)

NEBRASKA.

OMAHA—Adams & Kelly Co.
Champion Iron & Wire Works
Hlavka, Jno., 323 S 12th

NEW JERSEY.

EWARK—Froelich, A., 374 Market
Gould's, M. Son & Co. (Brass & Bronze), 61 Hamilton
Storsberg, Fritz, 20 Atlantic

NEW YORK.

ALBANY—Durand & Hinkelman, 24 Beaver
Spalt, George Co., 904 B'way
BINGHAMTON—Binghamton Wire Works, 115 State
Titchener, E. H. & Co., 8 Spring
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Buffalo Wire Works, 316 Terrace
Nagel, G. & Co., 210 Genesee
Sanford, Thos. F., 193 Seneca
ELMIRA—Bantley, Constantine E., 5th c Madison av

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—**AJAX IRON & WIRE CO.,** 75 York
Durst, Wm., 135 Front
Excelsior Wire Mfg. Co., 82 Ainslie
Grosback, Wm. & Co., 218 N 11th
HECLA IRON WORKS, 118 N 11th (See adv. index, end of book)
Kleinschnitz, K & Co., 61 Noble
McMurray, Wm. H., 365 Harman
Mills, W. J., 423 Kent av
Norwood & King, 30 Boerum pl
RICHEY, BROWNE & DONALD (See Borough of Queens)

Boroughs of Manhattan & Bronx.

NEW YORK—American Brass Fixture Works (Brass & Bronze), 8 Howard
Anderson, H. C., 414 Bleecker
Batalile, Achille & Co., 587 Hudson
CABARET, PAUL E., 342 W 14th (See adv. index, end of book)
Cabble, Wm., Excelsior Wire Mfg. Co., 43 Fulton
Clinton Wire Cloth Co., 33 Park pl
Dewitt Wire Cloth Co., 17 Warren
Einbigler & Adler, 432 7th av
Empire Brass & Metal Works, 141 B'way
Estey Wire Works Co., 59 Fulton
Fiske, J. W., Iron Works, 39 Park pl
Gould's, M. Son & Co. (Brass Bronze), 83 Reade
HECLA IRON WORKS. (See Borough of Brooklyn)
Hopkins & Co., 198 W B'way
Howard & Morse, 45 Fulton
JACKSON, WM. H. CO. (Bank Counter Screens a specialty), 29 E 17th (Union Square), N. Y. (See adv. index, end of book)
Koehn, Alfred, 159 W 29th
Lobel, Andrews Co., 531 W 55th
McMurray, Robt. T. & Bro., 287 4th av
Manhattan Brass Co., 334 E 28th
NATIONAL MFG. CO., 103 Chambers. (See adv. index, end of book)
New York Brass & Wire Works Co., 177 Grand
PITT, WM. R. COMPOSITE IRON Works, 111 5th av. (See adv. index, end of book.)
RICHEY, BROWNE & DONALD (See Borough of Queens)
Sheppard & Stolp, 20 Fletcher
Stikeman, Geo., Metal Works, 239 Bway
Thompson, Hervey, 176 E 119th
TYLER, W. S. Co., 11 Broadway. (See adv. index, end of book)
Union Equipment & Bronze Co., 520 W 37th
Westervelt, A. B. & W. T., 102 Chambers
Williams, Geo. A. & Sons, 85 Fulton
Williams, John, 556 W 27th
WINSLOW BROS. CO. (Iron, Brass & Bronze), 160 5th av. (See adv. index, end of book.)

Borough of Queens

MASPETH (N. Y. City) — **RICHEY, BROWNE & DONALD.** (See adv. index, end of book)

(END OF NEW YORK CITY.)

ROCHESTER—Snow Wire Works Co., 76 Exch
White Wire Works Co. (Inc.), 47 Exchange
SYRACUSE—Syracuse Wire Works, 315 E Water
TROY—Coons, Fred W., 414 River

OHIO.

AKRON—Burger Iron Co.
CANTON—Columbia Iron & Wire Works Co.
CINCINNATI—Art Metal Construction Co., Union Trust bldg
Bornhorn Wire & Iron Co., 208 Lawrence
CINCINNATI MFG. CO., 1243 W. 6th. (See adv. Index, end of book.)
Kamman, Walter, Front & Lawrence
Kinsley, John R., 115 E 6th
Michaels, Lewis, 216 W Pearl
Ward, W. E. & Co., 1347 Central av.
CLEVELAND—**FOREST CITY STEEL &** Iron Co., 10 Ramsey. (See adv. index, end of book)
Standard Wire & Iron Co., Leonard & Hume
TYLER, W. S. CO., 1150 St Clair (See adv. index, end of book)
Van Dorn Iron Works Co., 1793 E Madison av
COLUMBUS—Columbus Wire & Iron Works Co., 540 Poplar av
Columbus Brass Co., 94 N 6th
DAYTON—Ohio Wire Works, 411 E 1st
HAMILTON—Meyers, Fred J. Mfg. Co.
TOLEDO—Donovan Wire & Iron Co., 505 Water
Seeger, Valentine, 15 St Clair
Standard Wire & Iron Works, 514 1st
Toledo Wire & Iron Works

OREGON.

PORTLAND—Carlson August, 289 E Morrison
Portland Wire & Iron Works, 147 Front
Tuerck, I. K., Davis c 9th

PENNSYLVANIA.

ALLEGHENY—Hanny, Chas. G. & Co., 856 North av, W. A.
PHILADELPHIA—Belmont Iron Works, 22d & Wash av
Darby, Edw. & Sons, 233 Arch
DeWitt Wire Cloth Co., 703 Market
Gensel, Fred & Co., 911 Vine
Giese & Goodyear Co., 206 S 5th
Halstead & Co., 1129 Cherry
Jackson & Cook, 318 Market
MERRITT & CO., 1024 Ridge av. (See adv. index, end of book.)
Midland Metal Co. (Inc.), 1427 Catherine
Nacke, A. & Son, 236 S 9th
Pettit, Frank, 46 N 11th
REMPPIS, WM. F. CO., 331 Witherspoon bldg. (See adv. index, end of book)
PITTSBURG—Cornwall, E. & Co., 5924 Penn av
McKenna Bros. Brass Co. (Brass), 1st av & Ross
Pittsburg Brass Mfg. Co., Penn av & 32d
Refling, Charles, 1344 Pointview av
TAYLOR & DEAN, 201 Market. (See adv. index, end of book)
TYLER, W. S. CO., Bessemer bldg. (See adv. index, end of book)
WINSLOW BROS. CO. (Iron, Brass & Bronze), 326 4th av. (See adv. index, end of book.)
READING—**REMPPIS, WM. F. CO. (See** adv. index, end of book)

RHODE ISLAND.

PROVIDENCE—What Cheer Wire Works, 157 Dorrance

TENNESSEE.

MEMPHIS—Goebel's & Co., 436 Main

VIRGINIA.

PORTSMOUTH—Ornamental Iron & Wire Co., (Inc.)

WASHINGTON.

SEATTLE—Aztec Copper Mfg. Co., 1027 1st av, S.
Seattle Iron Works, 2000 Western av

WEST VIRGINIA.

WHEELING—Architectural Iron & Wire Works.
Harris, P. S.

WISCONSIN.

MILWAUKEE—Bayley, Wm. & Sons Co., 750 Greenbush
Colnik, C. Mfg. Co., 221 8th
Globe Wire & Iron Works, Atkinson av. bet. 10th & 11th
Loeffelholz & Co., 170 Clinton
Wagner, A. F., 514 Market
Wisconsin Iron & Wire Works, 186 E Water

Bank & Safety Deposit Vaults.

HALL'S SAFE CO., Main Office & Works: Spring Grove av, Cincinnati, O.; 393 Broadway, N. Y.; 64 Sudbury, Boston; 52 Wabash av, Chicago; 421 N 4th, St. Louis; 450 E Water, Milwaukee; 5th & Minnesota, St. Paul; 1116 Fernam Omaha; 1104 Union av, Kansas City; 1610 Glenarm, Denver; 48 E 2d S, Salt Lake City; 1332 2nd av, Seattle; 12 Pine, San Francisco; 133 S Broadway, Los Angeles; 332 El Paso, El Paso; 257 Main, Dallas; 11 5th av, W, Duluth; 91 1st, Portland Oreg.; 5 W German, Baltimore; 213 Chartres, New Orleans; 805 Market, Chattanooga. (See adv. index, end of book.)

Bar Iron or Steel.

(See Iron & Steel, Bar)

Barge Builders.

Carroll-Porter Boiler & Tank Co. (Steel), Wellsville, O.
Harlan & Hollingsworth Co. (Steel), Wilmington, Del.
Petersburg Iron Works Co., Petersburg, Va.

Barrel Fillers.

Cleveland Steam Gauge Co. (Automatic for Liquids), Cleveland, O.

Barrel Machinery

(See Machinery, Barrel, Keg, Stave & Heading)

Barrel Packers.

(See Packing Machines)
(Also Bag Filling Machines)

Barrels (Chlorinating)

Allis-Chalmers Co., office, New York Life bldg., Chicago. Works, Chicago, Milwaukee & Scranton, Pa.
Mine & Smelter Supply Co., Denver, Col., Elpaso, Tex., Salt Lake City, Utah, & 139 Liberty, New York City
Power & Mining Machinery Co., 52 William, N. Y. Works, Cudahy, Wis.
Union Iron Works, 222 Market, San Francisco, Cal.

Barrels (Clean Up or Amalgam)

Allis-Chalmers Co., office, New York Life bldg, Chicago. Works, Chicago, Milwaukee & Scranton, Pa.
Mine & Smelter Supply Co., Denver, Col.; Elpaso, Tex., Salt Lake City City, Utah, & 139 Liberty, New York City
Power & Mining Machinery Co., 52 William, N. Y. Works, Cudahy, Wis.
Union Iron Works, 222 Market, San Francisco. Cal.

Barrels (Cyanide)

Allis-Chalmers Co., office, New York Life bldg., Chicago. Works, Chicago, Milwaukee & Scranton, Pa.
Power & Mining Machinery Co., 52 William, N. Y. Works, Cudahy, Wis.
SCAIFE, WM. B. & Sons CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book.)
Union Iron Works, 222 Market, San Francisco, Cal.

Barrels (Second-Hand)

Maguire Bros. (Lime & Cement), 527 W 55th, N. Y.

Barrels (Sheet Steel)

Acorn Brass Mfg. Co., 51 N Peoria, Chicago, Ill., & St. Louis, Mo.
Clark, W. J. Co., Salem, O.
Cleveland Wire Spring Co., Wason Nr Hamilton, Cleveland, O.
Iron Clad Mfg. Co., 4 Cliff, N. Y.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lyon Metallic Mfg. Co., 18 S Ann. Chicago, Ill.
Phillips Pressed Steel Co., Joliet, Ill.
Power & Mining Machinery Co., 52 William, N. Y. Works, Cudahy, Wis.
SCAIFE, WM. B. & Sons CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book.)
Welded Steel Barrel Corporation (Welded Steel), Detroit, Mich.

Barrels (Tumbling or Rumbling)

(See also Mills Tumbling)

Bowler Foundry Co., 14 Winter, Cleveland, O.
Brass Founders Supply Co. (Tilting, Oblique Tumblers for Brass Fdrs., also Dry & Wet Tumblers, Newark, N. J.
Byram & Co. (Inc.), 435 Guoin, Detroit, Mich.
Dodge Mfg. Co., Mishawaka, Ind.
Globe Machine & Stamping Co., 970 Hamilton, Cleveland, O.
Henderson Bros., Waterbury, Conn.
Locke Regulator Co., Salem, Mass.
McCormack, J. S. Co., 25th & A. V. Ry., Pittsburg, Pa.
NORTHERN ENGINEERING WORKS, Chene & Atwater, Detroit, Mich. (See adv. index, end of book)
OBERMAYER, S. CO., 647 Evans, Cincinnati, O.; 18th & Rockwell, Chicago, Ill.; 35th & Charlotte, Pittsburg, Pa.; Roe bldg., St. Louis, Mo.; Majestic bldg., Detroit, Mich.; Cooper bldg., Denver, Col.; Land Title bldg., Phila., Pa., & Mission St., San Francisco, Cal. (See adv. index, end of book)
PAXSON, J. W. CO., 1021 N Delaware av, Phila., Pa. (See adv. index, end of book.)
Phillips & McLaren, 24th & Smallman, Pittsburg, Pa.
Royersford Foundry & Machine Co., Royersford, Pa.
Stover Mfg. Co., Freeport, Ill.
Taylor & Gooding, 747 Wash., Lynn, Mass.
Turner, Vaughn & Taylor Co. (Chain & Nail), Cuyahoga Falls, O.
Waterbury Machine Co. (For Brass, Etc.), Waterbury, Conn.
WHITING FOUNDRY EQUIPMENT Co., Harvey, Ill. (See adv. index, end of book.)
Wickes Bros., Saginaw, Mich.

Barrows.

(Under this heading see subclassification; see also Wheelbarrows.)

Barrows (Baggage & Express)

Boston & Lockport Block Co., 160 Commercial, Boston; 33 South, N. Y., & Lockport, N. Y.
Buffalo Scale Co., Buffalo, N. Y.
Clark, Geo. P. Co., Windsor Locks, Conn.
Fairbanks Co., 186 Elm, New York; 701 Arch Phila., Pa.; 210 Main, Buffalo, N. Y.; Albany, N. Y.; Baltimore, Md.; New Orleans, La.; Pittsburg, Pa.; 44 Pearl, Boston, Mass.; 749 Craig, Montreal, Canada, & 78 City rd, London, England
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av., St. Louis; 1217 Union av., Kansas City, Mo.; 234 E. 3rd, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book.)
Howe Scale Co., Rutland, Vt.; 341 B'way, N. Y., & 145 Franklin, Boston
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Wheelbarrow Co., Lansing, Mich.
Stuart, A. F. & S. C., Rochester, N. Y.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Vicksburg Mfg. Co., Vicksburg, Mich.
Whitman Agricultural Co., 6900 S B'way, St. Louis, Mo.

Barrows (Brick)

Akron Cultivator Co. (Steel Tray), Akron, O.
American Clay Working Machinery Co., Bucyrus, O.; Willoughby, O.
Anderson Foundry & Machine Works, Anderson, Ind.
Arnold, Creager Co., New London, O.
Bryan Mfg. Co. (Steel Frame), Bryan, O.
Davis-Price Fdy & Machine Co., New Cumberland, W. Va.

Dederick's, P. K. Sons, Albany, N. Y.
Fairbanks Co., 186 Elm, N. Y.; 701 Arch, Phila., Pa.; 44 Pearl, Boston; 19 Light, Baltimore; 364 Broadway, Albany, N. Y.; 610 Canal, New Orleans; 210 Main, Buffalo, N. Y.; 238 3d av, Pittsburg, Pa.; Montreal, Canada, & 78 City rd, London, England
Fernholtz Brick Machinery Co., Boyle av, c Old Manchester rd, St. Louis, Mo.
Freese, E. M. & Co., Galion, O.
Horton Mfg. Co., Painesville, O.
Jackson Mfg. Co., Harrisburg, Pa.
Kells Foundry & Machine Co., Adrian, Mich.
Kilbourne & Jacobs Mfg. Co. (Steel and Wooden), Columbus, O.
Lansing Wheelbarrow Co., Lansing, Mich.
McWinnie Wheelbarrow Wks., Poughkeepsie, N. Y.
Martin, Henry Brick Machine Co., Lancaster, Pa.
Means Foundry & Machine Co., Steubenville, O.
Michigan Brick & Tile Machine Co., Morenci, Mich.
Phillips, Doup & Co., 56 Pearl, Brooklyn, N. Y.
Potts, C. & A. & Co., Indianapolis, Ind.
Puffer-Hubbard Mfg. Co., Minneapolis, Minn.
Raymond, C. W. Co., Dayton, O.
Scott & Oliver Mfg. Co., Knoxville, Tenn.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Thomas, Geo. W. & Co., Toledo, O.
Toledo Steel Wheelbarrow Co., 127 Hamilton, Toledo, O.
Wellington Machine Co., Wellington, O.
Whitman Agricultural Co., 6900 S B'way, St. Louis, Mo.

Barrows (Coal)

(See Barrows, Steel)

Barrows (Coke)

Akron Cultivator Co. (Steel), Akron, O.
Archer Iron Works, 34th pl & S. Western av boul, Chicago
Atlas Bolt & Screw Co., Marquette opp. Hamilton, Cleveland, O.
Bryan Mfg. Co., Bryan, O.
Connellsville Machine & Car Co., Connellsville, Pa.
Fairbanks Co., 186 Elm, N. Y.; 701 Arch, Phila., Pa.; 44 Pearl, Boston; 19 Light, Baltimore; 364 Broadway, Albany, N. Y.; 610 Canal, New Orleans; 210 Main, Cleveland; 89 Jefferson, Detroit; 519 Main, Buffalo, N. Y.; 238 Third av., Pittsburg, Pa.; Montreal, Canada, & 78 City rd, London, England.
FAIRBANKS, MORSE & CO. (Steel), Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E. 3rd, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Jackson Mfg. Co., Harrisburg, Pa.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Wheelbarrow Co., Lansing, Mich.
Niles Mine & Mill Supply Co., Cleveland, O., & Niles, O.
Puffer-Hubbard Mfg. Co., Minneapolis, Minn.
Stuebner, G. L. Iron Works, Long Island City, N. Y.

Barrows (Concrete Charging)

RANSOME CONCRETE MACHINERY Co. (Steel), 11 B'way, New York. (See adv. index, end of book)

Barrows (Contractors')

(See Wheelbarrows.)

Barrows (Folding, Steel Frame)

Bryan Mfg. Co., Bryan, O.

Barrows (Foundry)

Archer Iron Works, 34th pl. & S. Western av, boul, Chicago.
Bryan Mfg. Co., Bryan, O.
Fairbanks Co., 186 Elm, N. Y.; 701 Arch, Phila., Pa.; 44 Pearl, Boston; 19 Light, Baltimore; 364 Broadway, Albany, N. Y.; 610 Canal, New Orleans; 210 Main, Buffalo, N. Y.; 238 Third av., Pittsburg, Pa.; Montreal, Canada, & 78 City rd, London, England
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 103 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av., St. Louis; 1217 Union av., Kansas City, Mo.; 234 E. 3rd, St. Paul; 220 Nicollet av.; Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st &Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Howard & Morse, 45 Fulton, N. Y.
Jackson Mfg. Co., Harrisburg, Pa.
Kenney & Co., Scottdale, Pa.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Wheelbarrow Co., Lansing, Mich.
OBERMAYER, S. CO., 647 Evans, Cincinnati, O.; 18th & Rockwell, Chicago; 35th & Charlotte, Pittsburg, Pa.; Roe bldg., St. Louis; Majestic bldg., Detroit; Cooper bldg., Denver, Colo.; Land Title bldg., Phila., Pa., & Mission St., San Francisco, Call. (See adv. index, end of book) av, Phila., Pa. (See adv. index, end of book)
PAXSON, J. W. CO., 1012 N Delaware av, Phila., Pa. (See adv. index, end of book)
Phillips, Doup & Co., 56 Pearl, Brooklyn, N. Y.
Pollock, Alex., 203 West, N. Y.
Sidney Steel Scraper Co., Sidney, O.
SMITH, J. D., FOUNDRY SUPPLY Co., 40 S. Water, Cleveland, O., & 2143 Central av, Cincinnati, O. (See adv. index, end of book)
Stuebner, G. L. Iron Works, Long Island City, N. Y.
Syracuse Chilled Plow Co. (Steel Tray, Tubular), Syracuse, N. Y.
Union Iron Works, Hoboken, N. J.

Barrows (Furnace Charging)

Akron Cultivator Co. (Automatic Dump), Akron, O.
Archer Iron Works, 34th pl & S Western av, boul, Chicago, Ill.
Byran Mfg. Co., Bryan, O.
Fairbanks Co., 186 Elm, N. Y.; 701 Arch, Phila., Pa.; 44 Pearl, Boston; 19 Light, Baltimore; 364 Broadway, Albany, N. Y.; 610 Canal, New Orleans; 210 Main, Buffalo, N. Y.; 238 Third av., Pittsburg, Pa.; Montreal, Canada, & 78 City rd, London, England
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av., St. Louis; 1217 Union av., Kansas City, Mo.; 234 E. 3rd, St. Paul; 220 Nicollet av., Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. See adv. index, end of book)
Jackson Mfg. Co., Harrisburg, Pa.
Kenney & Co., Scottdale, Pa.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Wheelbarrow Co., Lansing, Mich.
Phillips, Doup & Co., 56 Pearl, Brooklyn, N. Y.
Pollock, Alex., 203 West, N. Y.
Power & Mining Machinery Co., 52 William, N. Y. Works, Cudahy, Wis.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Union Boiler & Mfg. Co., Lebanon, Pa.
Weimer Machine Works Co., Lebanon, Pa.

Barrows (Garden)

Bryan Mfg. Co., Bryan, O.
Kepstone Farm Machine Co., York, Pa.
Puffer-Hubbard Mfg. Co., Minneapolis, Minn.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Toledo Metal Wheel Co., Toledo, O.

Barrows (Lime)

National New Process Lime Co. ("Ohio Steel"), 39 Cortlandt, New York

Barrows (Mortar)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Bryan Mfg. Co., Bryan, O.
Puffer-Hubbard Mfg. Co. (Coal, Ore & Coke), Minneapolis, Minn.
Syracuse Chilled Plow Co. (Steel Tray, Wood Frame), Syracuse, N. Y.

Barrows (Ore)

Puffer-Hubbard Mfg. Co., Minneapolis, Minn.
Syracuse Chilled Plow Co. (Steel Tray Tubular), Syracuse, N. Y.

Barrows (Pig Iron)

Akron Cultivator Co., Akron, O.
Pollock, Alex., 203 West, N. Y.
Syracuse Chilled Plow Co. (Steel Tray Tubular), Syracuse, N. Y.

Barrows (Steel)

Akron Cultivator Co., Akron, O.
American Fork & Hoe Co., Main Office, Cleveland, O.; Export Office, 11 Bway, New York. Factories, Ashtabula, O.; Wallingford, Vt.; Binghamton, N. Y.; St. Johnsbury, Vt.; Girard, Pa.; Fkd., Phila., Pa.; Utica, N. Y., & Willoughby, O.
Archer Iron Works, 34th pl & S Western av boul, Chicago, Ill.
Bryan Mfg. Co., Bryan, O.,
Clark, W. J. Co., Salem, O.
Connellsville Machine & Car Co., Connellsville, Pa.
Fairbanks Co., 186 Elm, N. Y.; 701 Arch, Phila., Pa.; 44 Pearl, Boston; 19 Light, Baltimore; 364 Broadway, Albany, N. Y.; 610 Canal, New Orleans; 210 Main, Buffalo, N. Y.; 238 Third av, Pittsburg, Pa.; Montreal, Canada, & 78 City rd, London, England
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland 89 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av.; St. Louis; 1217 Union av., Kansas City, Mo.; 234 E. 3rd, St. Paul; 220 Nicollet av., Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E. London, Eng. (See adv. index, end of book)
Jackson Mfg. Co., Harrisburg, Pa.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Wheelbarrow Co., Lansing, Mich.
McWinnie, Thomas, Poughkeepsie, N. Y.
Optenberg & Sonneman, Sheboygan, Wis.
Phillips, Doup & Co., 56 Pearl, Brooklyn, N. Y.
Pollock, Alex, 203 West, New York.
Puffer-Hubbard Mfg. Co., Minneapolis, Minn.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Thomas, Geo. W. & Co., Toledo, O.
Toledo Steel Wheelbarrow Co., Toledo, O.
Western Iron Works, 123 Beale, San Francisco, Cal.

Barrows (Steel Tubular)

American Steel Scraper Co., Sidney, O.
Akron Cultivator Co., Akron, O.
Archer Iron Works, 34th pl & S Western av boul, Chicago, Ill.
Byran Mfg. Co., Bryan, O.
Fairbanks Co., 186 Elm, N. Y.; 701 Arch, Phila., Pa.; 44 Pearl, Boston; 19 Light, Baltimore; 364 Broadway, Albany, N. Y.; 610 Canal, New Orleans; 210 Main, Buffalo, N. Y.; 238 Third av, Pittsburg, Pa.; Montreal, Canada, & 78 City rd, London, England

FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland: 89 Jefferson, Detroit; 519 Main, Louisville: 140 S. Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3rd. St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Wheelbarrow Co., Lansing, Mich.
McWinnie Wheelbarrow Works, Poughkeepsie, N. Y.
Pollock, Alex., 203 West, N. Y.
Power & Mining Machinery Co. (Tray), 52 William, N. Y. Works, Cudahy, Wis.
Sidney Steel Scraper Co., Sidney, O.
Syracuse Chilled Plow Co., Syracuse, N. Y.

Barrows (Stone)

Archer Iron Works, 34th pl & S Western av boul, Chicago
Bryan Mfg. Co., Bryan, O.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Wheelbarrow Co., Lansing, Mich.
McWinnie Wheelbarrow Co., Poughkeepsie, N. Y.
Puffer-Hubbard Mfg. Co., Minneapolis, Minn.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Thomas, Geo. W. & Co., Toledo, O.
Toledo Steel Wheelbarrow Co., Toledo, O.

Barrows (Track)

American Track Barrow Co., Lowell, Mass.
Railroad Supply Co., Old Colony bldg, Chicago
Western Electric & Supply Co., St. Louis, Mo.

Barrows (Wood)

(See Wheelbarrows.)

Bars (Aluminum)

(See Alloys, Aluminum.)

Bars (Angle)

Lackawanna Steel Co., Buffalo, N. Y.

Bars (Arch)

American Iron & Steel Mfg. Co., Lebanon, & Reading, Pa.
Carnegie Steel Co., Pittsburg, Pa.; 1502 Market, Phila., Pa., 71 B'way, N. Y., & "The Rookery," Chicago

Bars (Capstan)

(See Tools, Logging & Lumberman's.)

Bars (Claw)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Atha Tool Co., ft of Chapel, Newark, N. J.
Evansville Tool Works (Railroad, etc.), Evansville, Ind.
Harvey, H. H., 608 Atlantic av, Boston
Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Iron City Tool Works (Ltd.), 23d & Smallman, Pittsburg, Pa.
Jones & Laughlins Steel Co., Pittsburg, Pa.
Kalamazoo Rwy. Supply Co., Kalamazoo, Mich.
Klein-Logan Co., 265 S 13th, Pittsburg, Pa.
Laughlin, Thos. Co. (Ship), Portland, Me.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburg, Pa.
Pearson, Jack Co. (The Mogul), 64 Federal, Boston, Mass.
Pittsburg Tool & Drop Forge Co. ("Cheswick"), Arrott bldg., Pittsburg, Pa. Works, Cheswick, Pa.
Plumb, Fayette R., Frankford, Phila,, Pa..
Solid Steel Tool & Forge Co. ("S. F. S."), Farmers' Bank bldg, Pittsburg, Pa.
Union Drop Forge Co., 66 E Ohio, Chicago
Verona Tool Works, Pa., & Murtland bldg., Pittsburg, Pa.
Vicksburg Mfg. Co., Vicksburg, Mich.

Bars (Commutator)

Abel, Geo. L., 18 Elk, Buffalo, N. Y.
Ansonia Electrical Co., Ansonia, Conn.
Billings & Spencer Co., Hartford, Conn.
Bridgeport Brass Co., Bridgeport, Conn., & 19 Murray, N. Y.
Cameron, H. P. Elec. Mfg. Co., Ansonia, Conn.
Coe Brass Mfg. Co., Torrington, Conn.
Columbia Machine Works & Malleable Iron Co. (Drop Forged), 167 Chestnut, Brooklyn, N. Y.
Commutator Co., 121 N 1st av, N Minneapolis, Minn.
Crucible Steel Co. of America, Frick bldg., Pittsburg. Pa.; 64 S Clinton, Chicago, & 71 B'way, N. Y.
Eureka Tempered Copper Works, North East, Pa.
Forest City Electric Co., 111 Windsor av, Cleveland, Ohio
Homer Commutator Co. (Standard & Special), 108 Mason, Cleveland, Ohio
Jefferson Brass Foundry, 209 King, Brooklyn, N. Y.
Keystone Drop Forge Works, Chester, Pa.
Mansfield Tempered Copper Co., Mansfield, O.
Miller-Knoblock Electric Mfg. Co., South Bend, Ind.
Milwaukee Commutator Co., Milwaukee, Wis.
Ohio Brass Co., Mansfield, Ohio
Page-Storms Drop Forge Co. (Segments Drop Forged from Pure Unalloyed Copper), Chicopee Falls, Mass., & Springfield, Mass.
Sterion Copper, Brass & Bronze Co., 63 N Ashland av., Chicago Ill.
WESTINGHOUSE ELECTRIC & MFG. CO., Westinghouse bldg, Pittsburg, Pa. (See adv. index, end of book)

Bars (Coupling)

Solid Steel Tool & Forge Co. ("S. T. S."), Farmers' Bank bldg, Pittsburg, Pa.

Bars (Cylinder Boring)

(See Cylinder Boring Machines.)

Bars (Draw)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Bemis Car Truck Co., 120 Liberty, N. Y. Works, Springfield, Mass.
Louisville Steam Forge Co., 308 5th, Louisville, Ky.
Peacock's Iron Works, Selma, Ala.
Pratt & Letchworth Co., 189 Tonawanda, Buffalo, N. Y.
Railway Steel Spring Co., 71 B'way, N. Y. 1022 Newmarket, Phila., Pa.; Fisher bldg., Chicago, & Lincoln Trust bldg., St. Louis, Mo.
Taylor Iron & Steel Co., High Bridge, N. J.

Bars (Driving)

Sweet's Steel Co., Williamsport, Pa.

Bars (Eye)

American Bridge Co., 261 S 4th, Phila., Pa., & 100 B'way, New York
Passaic Steel Co., Paterson, N. J., & 45 B'way, N. Y.
Phoenix Iron Co. (Upset), 410 Walnut, Phila., Pa.; 49 William, N. Y.; The Rookery, Chicago, Ill.; 153 Milk, Boston, Mass. Works, Phoenixville, Pa.

Bars (Interlocking Channel)

(See Piling, Interlocking Steel.)

Bars (Lining & Tamping)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Atha Tool Co., ft. Chapel, Newark, N. J.
Columbus Handle & Tool Co., Columbus, Ind.
Dicke Tool Co., Downers Grove, Ill.
Evansville Tool Works, Evansville, Ind.
Handlan-Buck Mfg. Co., 212 N 3rd, St. Louis, Mo.
Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Iron City Tool Works (Ltd.), 32d & Smallman, Pittsburg, Pa.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Klein-Logan Co., S. 13th & Brecd, Pittsburg, Pa.
New Castle Forge & Bolt Co., New Castle, Pa.
Oliver Iron & Steel Co., S. 10th & Muriel, Pittsburg, Pa.
Oshkosh Logging Tool Co., Oshkosh, Wis.
Pittsburg Tool & Drop Forge Co. ("Cheswick"), Arrott bldg., Pittsburg, Pa. Works, Cheswick, Pa.
Plumb, Fayette, Frankford, Phila., Pa.
Solid Steel Tool & Forge Co. ("S. T. S."), Farmers' Bank bldg, Pittsburg, Pa.
Sweet's Steel Co. (Tamping), Williamport, Pa.
Union Drop Forge Co., 66 E. Ohio, Chicago, Ill.
Verona Tool Works, Verona, Pa., & Murtland bldg, Pittsburg, Pa.
Vicksburg Mfg. Co., Vicksburg, Mich.

Bars (Low Phosphorus Melting)

Samuel, Frank (firm of), ("Howe" & "Samuels"), 1502 Market, Phila., Pa.

Bars (Mine & Spike)

Pittsburg Tool & Drop Forge Co. ("Cheswick"), Arrott bldg., Pittsburg, Pa. Works, Cheswick, Pa.

Bars (Pinch)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Cleveland Axle Mfg. Co., Canton, O.
Collins Co., Collinsville, Conn.
Crescent Novelty Mfg. Co., 703 S. B'way, St. Louis, Mo.
Falls Mfg. Co., 12 Drumm, San Francisco, Cal.
Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Iron City Tool Works (Ltd.), 32d & Smallman, Pittsburg, Pa.
Pittsburg Tool & Drop Forge Co. ("Cheswick"), Arrot bldg, Pittsburg, Pa. Works, Cheswick, Pa.
Solid Steel Tool & Forge Co. ("S. T.S." Farmers' Bank bldg, Pittsburg, Pa.
Sweet's Steel Co., Williamsport, Pa.
Verona Tool Works (Locomotive), Verona, Pa., & Murtland bldg, Pittsburg, Pa.
WEBSTER MFG. CO., 1075 W. 15th, Chicago, Ill, & 38 Dey, New York. (See adv. index, end of book)

Bars (Quarry)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
INGERSOLL-SERGEANT DRILL CO., THE, 26 Cortlandt, New York. Offices: Old Colony bldg., Chicago, Ill.; Williamson bldg., Cleveland, O.; Arcade bldg., Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 First av, Seattle, Wash.; Corestinc bldg, Montreal, Canada; Mexico City Calle 2a de Dolores No. 20, Mexico, D. F.; London, Eng., 114a Queen Victoria St.; Paris, France, 51 Rue la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence St.; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co.; Lima, Peru, W. R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv. index, end of book.)
SULLIVAN MACHINERY CO., 7 Jackson boul, Chicago, Ill. (See adv. index, end of book)

Bars (Shackle)

Atha Tool Co., Newark, N. J.
Solid Steel Tool & Forge Co. ("S. T. S."), Farmers' Bank bldg, Pittsburg, Pa.
Verona Tool Works, Verona, Pa., & Murtland bldg., Pittsburg, Pa.

Bars (Shutter)

Brass Goods Mfg. Co., 7 Warren, N. Y., & Nevin cor Union, Brooklyn, N. Y.
Chalfrant Mfg. Co., Lancaster, Pa.
Hoeg, R. C. & Co., 11th & Catharine, Phila., Pa.
Ives, Hobart B. Co., New Haven, Conn.
Mallory, Wheeler Co., New Haven, Conn.
Norwalk Lock Co., S. Norwalk, Conn.
Peck, Stow & Wilcox Co., Southington, Conn., & 27 Murray, N. Y.
Penn Hardware Co., Reading, Pa.
Peters, Jas. & Son, (Fire Shutter Bars, Wrought Iron), 1934 N Front, Phila. Pa.
Reading Hardware Co., Reading, Pa.; 96 Reade, N. Y.; 617 Market, Phila., Pa., & 105 Lake, Chicago, Ill.
Russell & Erwin Mfg. Co., New Britain, Conn., & 43 Chambers, N. Y.
STANLEY WORKS (Wrought Steel), New Britain, Conn., & 79 Chambers, N. Y. (See adv. index, end of book)
Yale & Towne Mfg. Co. 9 Murray, N. Y.; Phila., Pa.; Chicago, Ill.; Boston, Mass., & San Francisco, Call. Works, Stamford, Conn.

Bars (Splice)

(See Rail Braces & Fastenings.)

Barytes.

Dingee, Steinmann & Co., Lynchburg, Va.
Nulsen, Klein & Krausse Co., St. Louis, Mo.
Osborn, Clarence J. (Broker, Miners), 65 Fulton, N. Y.
Tri-State Mining & Mfg. Co. ("Miners & Mfrs."), Farmers' Bank bldg, Pittsburg, Pa., & Richlands, Va.

Bases (Battery Cut Out)

American Enamel Co., Providence, R. I.
Bogert & Hopper, 162 William, N. Y.
Estes, E. B. & Sons, 45 John, N. Y.
Klumpp's, J. G. Sons, 13 Baxter, N. Y.
Raucher, Jno., St. Paul, Minn.
Union Hardware Co., Torrington, Conn.

Bases (Cafe Table)

Bethelem Foundry & Machine Co., (Cast Iron), South Bethelem, Pa.

Bases (Incandescent Lamp)

Bliss-Chester Co., Providence, R. I.
Bridgeport Brass Co., Bridgeport, Conn.
Bryant Electric Co., Bridgeport, Conn.
New Jersey Lamp & Bronze Works, New Brunswick, N. J.
Providence Gas Burner Co., Providence, R. I.
Seoville Mfg. Co., Waterbury, Conn.: 423 Broome, N. Y., & 210 Lake, Chicago, Ill.
Steel & Johnson Mfg. Co., Waterbury, Conn.
Turner & Seymour Mfg. Co., Torrington, Conn.
White, J. H. Mfg. Co., 127 N. 10th, Brooklyn, N. Y.

Bases (Trolley)

Detroit Trolley & Mfg. Co., Majestic bldg., Detroit, Mich.
Homer Commutator Co., 110 Mason, Cleveland, O.
NUTTALL, R. D. CO., Fayette & Garrison pl, Pittsburg, Pa.
Sterling-Meaker Co., ("Sterling" Roller Bearing), 420 Ogden av, Newark, N. J.
United States Railway Supply Co., 3 Griswold, Detroit, Mich.

Basins (Catch)

Davison, Orrin H., 103 W Monroe, Chicago, Ill.
Dimmick Pipe Co., (For Sewer, Park & Telephone Use), Birmingham, Ala.
Duplex Mfg. & Supply Co., New England bldg., Cleveland, O.
Fee & Mason, 66 Beekman, New York.
Hartford Foundry Corporation ("Duplex"), Hartford, Conn.
Holbrook-Armstrong Iron Co., Racine, Wis.
Madison Ave. Foundry Co., (And Covers), 155 E Madison av, Cleveland, O.
Pierce Supply Co., Am. Trust bldg, Cleveland, O.
Sessions Foundry Co., Bristol, Conn.

Baskets (Dipping)

WRIGHT WIRE CO. (Steel & Brass Wire), Worcester, Mass. (See adv. index, end of book)

Baskets (Mill)

Am. Vulcanized Fibre Co. (Laminar Dept.), 1017 Market, Wilmington, Del.
Ballou Basket Works, Belding, Mich.
Ballou, M. E. & Son, Becket, Mass.
Barlow, John W. Co., Lawrence, Mass.
Brown Bros. Co., Providence, R. I.
Crane Bros., Westfield, Mass.
Diamond State Fibre Co., Elsmere, Del.
Holbrook, A. & C. W., Providence, R. I.
Houghton, E. F. & Co., (Hand Split Oak), 240 Somerset, Phila. Pa.
Lane, W. T. & Bro., (Canvas & Steel Frame), Poughkeepsie, N. Y.
Leatheroid Mfg. Co., Kennebunk, Me.
Morris & Co., (Cotton Duck), Yardville, N. J.
Spaulding-Perkins Co., Rochester, N. H.
Walrus Fibre Mfg. Co., Medford, Mass.
Williams Mfg. Co., (Bamboo or Oak, also Iron Strapped & Iron Wheels or Casters), Northampton, Mass.

Baskets (Suction)

Eastwood Wire Mfg. Co., (Brass & Copper), Belleville, N. J.

Batch Mixing Plants.

Heyl & Patterson, 51 Water, Pittsburg, Pa.

Bath Cabinets, Thermal, Etc.

Cabinet Mfg. Co., Quincy, Ill.
Cream City Bath Cabinet Co., 649 19th, Milwaukee, Mis.
Feix & Goethel, Milwaukee, Wis.
Herrick Bros. Co., Toledo, O.
Houchin, Thos. W. Co., 48 Warren, N. Y.
Robinson Thermal Bath Co., 713 Jeff'n, Toledo, O.
World Mfg. Co., ("Quaker" Vapor), 505 Elm, Cincinnati, O.

Bath Room Fixtures & Furnishings.

Aetna Brass Mfg. Co., 123 S. Clinton, Chicago, Ill.
Ahrens & Ott Mfg. Co., Louisville, Ky.
American Brass Works, 428 Plum, Cincinnati, O.
American Hardware Mfg. Co., Ottawa, Ill.
American Pin Co., Waterbury, Conn.
Badger Brass Mfg. Co., Kenosha, Wis.
Bailey-Farrell Mfg. Co., 619 Smithfield, Pittsburg, Pa.
Barrett, Jas. Mfg. Co., 215 Franklin, Boston, Mass.
Behrer & Co., 69 Beekman, N. Y.
Bernz, Otto S., 27 Ashland, Newark, N. J.
Blessing, C. A., 518 Montgomery Ave., Philadelphia, Pa.
Brooks, M. S. & Son (Three Arm), Chester, Coun.
Buffalo Specialty Mfg. Co., (Adjustable Seats), Buffalo, N. Y.
Chambers & Ainslee, Commercial Wharf, Newark, N. J.
Clarke, Robert, 100 Schermerhorn, Brooklyn, N. Y.
Climax Specialty Co., Seneca Falls, N. Y.
Clow, Jas. B & Sons, 344 Franklin, Chicago, Ill.
Columbus Brass Co., 94 N 6th, Columbus, O.
Cooper, W. S. Brass Works, 437 N 12th, Philadelphia, Pa.
Cream City Bath Cabinet Co., 279 3d, Milwaukee, Wis.
Crescent Mfg. Co., Connellsville, Pa.
Dalton-Ingersoll Co., 171 High, Boston, Mass.
Dayton Mfg. Co., Dayton, O.
Dearborn Brass Co., Cedar Rapids, Ia.
D'este, Julian Co., 24 Canal, Boston, Mass.
Detroit Sanitary Supply Co., Detroit, Mich.
Diamond Stamped Ware Co., Detroit, Mich.
Edwardsville Brass Co. (Soap, Cups, Tumbler-Holders, Comb & Brush Trays, Bath Seats, etc.), Edwardsville, Ill.
Eustis, J. P. Mfg. Co., 92 North, Boston, Mass.
Federal Company, 63 Market, Chicago, Ill.
Feix & Goethel, 413 State, Milwaukee, Wis.
Forest City Brass Works, 90 Merwin, Cleveland, O.
Frank & De Keyser, 173 Fulton, N. Y. (Hotel Supplies.)
Gilmour J. Morrison, 55 W. 16th, N. Y.
Haines, Jones & Cadbury Co., 1100 Ridge av, Phila., Pa.
Haydenville Co., Haydenville, Mass., & 150 Nassau, N. Y.
Heap, Wm., Muskegon, Mich.
Hinz, Alfred, J. F., 72 Cliff, N. Y.
Hoffman & Billings Mfg. Co., Milwaukee, Wis.
Ideal Mfg. Co., Detroit, Mich.
Illinois Malleable Iron Co., 30 W. Monroe, Chicago, Ill.
Iron Sanitary Mfg. Co., (Jas. W. Wade, Mngr.), 52 Dearborn, Chicago, Ill.
KAROL, B. (Jobbers of Complete Line), 237 W Harrison, Chicago, Ill. (See adv. index, end of book)
Knott-Van Arnam Mfg. Co., Fort Wayne, Ind.
Kokomo Brass Works (Byrne & Ryan, Chicago, Owners), Kokomo, Ind.
McCambridge & Co., 525 Cherry, Philadelphia, Pa.
McDonald, A. Y. & Morrison Mfg. Co., Dubuque, Ia.
McShane, Henry Mfg. Co., 441 North, Baltimore, Md., & 81 Fulton, N. Y.
Manhattan Brass Co., 338 E. 28th, N. Y.
Manhattan Electrical Supply Co., 32 Cortlandt, N. Y., & 188 5th av., Chicago, Ill.
Manning, Bowman & Co., Meriden, Conn.
Meriden Malleable Iron Co., Meriden Conn.
Merrie, Hugh, 226 E. 9th, Cincinnati, O.
Meyer-Sniffen Co. (Ltd.), 5 E. 19th, N. Y.
Milwaukee Brass Mfg. Co., Milwaukee, Wis.
Mott, J. L. Iron Works, 88 Beekman, N. Y.
National Supply Co., Toledo, O.
Nelson, N. O. Mfg. Co., 424 N. 8th, St. Louis, Mo.
Newell-Booth Co. (Ltd.), 443 N. Broad, Philadelphia, Pa.
Novelty Mfg. Co., Waterbury, Conn.
Ohio Brass & Iron Mfg. Co., 1199 Franklin av, Cleveland, O.
Ohio Pump & Brass Co. (Holders, Caps, Racks, etc.). Columbus, O.
Park & McKay Co., Detroit, Mich.
Parker, Chas. Co., Meriden, Conn.
Peck Bros. & Co., New Haven, Conn.
Perine Bath Room Specialty Co., 753 Lex. av., N. Y.
Pfleuger & Henger Co., St. Louis, Mo.
Phillips Mfg. Co., 215 E. 34th, N. Y.
Pittsburg Lamp & Brass Co., Allegheny, Pa.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Register, J. & Sons Co., Baltimore, Md.
Rundle-Spence Mfg. Co., Milwaukee, Wis.
Ryan, J. J. & Co., 70 W. Monroe, Chicago, Ill.
Sanitary Co., 7 Water, Cleveland, O.
Sargent & Co., New Haven, Conn.
Savill, Thos., 11th & Wood, Philadelphia, Pa.
Searls Mfg. Co., Newark, N. J.
Smith, E. C. Mfg. Co., 224 Washington, Chicago, Ill.
Smith & Anthony Co., 48 Union, Boston, Mass.
Specialty Mfg. Co., Milwaukee, Wis.
Spence Mfg. Co., 63 2nd, Milwaukee, Wis.
Standard Sanitary Mfg. Co. of Michigan, Detroit, Mich.
Standard Sanitary Mfg. Co., Arrott bldg., Pittsburg, Pa.
Stebbings, E. Mfg. Co., Springfield, Mass.
Sternan, S. & Co., 195 Plymouth, Brooklyn, N. Y.
Street & Kent Mfg. Co., 45 Fulton, Chicago, Ill.
Sweeney, W. H. Mfg. Co. (Soap Dishes, Towel Bars, Brush & Tumbler Holders, etc.), 66 Water, Brooklyn, N. Y.

Syracuse Faucet & Valve Co., Syracuse, N. Y.
Taylor, Geo., 97 Cliff, N. Y.
Thomas Brass and Iron Co., Waukegan, Ill.
Troy Nickel Works, Jno. E. Gaitley, Prop. Revolving Towel Rack, etc.), Albany, N. Y.
Trenton Brass & Machine Co., Trenton, N. J.
United Brass Mfg. Co., 958 Hamilton, Cleveland, O.
United States Sanitary Mfg. Co., Pittsburg, Pa., & Monaca, Pa.
Van Houten, E. J. S. (Glassware & China), 74 Park pl., N. Y.
Van Meter, J. W. & Co., 1019 Spring Garden, Philadelphia, Pa.
Victor Excelsior Brass Works, 128 White, N. Y.
Walterscheid Bros., Wichita, Kans.
Waterbury Mfg. Co. (Bath Sprays, etc.), Waterbury, Conn.
Webb, F. W. Mfg. Co., 50 Elm, Boston, Mass.
Wolff, L. Mfg. Co., 117 W. Lake, Chicago, Ill.
Wolverine Brass Works (Towel Bars, Soap Cups, etc.), Grand Rapids, Mich.
Worcester Pressed Steel Co. (Towel Racks, etc.), Worcester, Mass.

Bath Room Flooring.

AMERICAN MONOLITH CO. ("Monolith"), 787 30th, Milwaukee, Wis.

Bath Tub Enamels.

(See Enamels, Bath Tub.)

Bath Tubs (Ceramic)

(See Bath Tubs, Porcelain.)

Bath Tubs (Copper)

(See also Boilers, Copper Range.)

Bay State Metal Works, 41 Harvard, Cambridge, Mass.
Blessing, C. A. 516 Montgomery av, Phila., Pa.
Day Metallic Mfg. Co., 176 Jones, Detroit Mich.
Day-Ward Co., Warren, O.
Fleck Bros. Co., 44 N 5th, Phila., Pa.
Jochum, Andrew, 148 E. 50th, New York
Leclair Mfg. Co., Edwardsville, Ill.
McShane, Henry Mfg. Co., 441 North, Baltimore, Md., & 81 Fulton, N. Y.
Mosely Folding Bath Tub Co., 77th c Jackson av., Chicago, Ill.
Nelson, N. O. Mfg. Co., 424 N 8th, St. Louis, Mo.
Ronalds & Johnson Co., 51 Boerum pl., Brooklyn, N. Y., & 54 Cliff, New York.
Rumsey, L. M. Mfg. Co., 812 N 2nd, St. Louis, Mo.
Seestedt Bros. Mfg. Co., Romulus, Mich.
Swain Mfg. Co., 7th & Morris, Phila., Pa.
Trageser, John Steam Copper Works, 427 W 26th, New York.
Walker, James & Son, (Steel Encased Copper Lined), Detroit, Mich.
Wilson, R. M. Mfg. Co., Rome, N. Y.
Wolff, L. Mfg. Co., 117 W. Lake, Chicago, Ill.

Bath Tubs (Double Seamed Solid Copper)

Walker, Jas. & Son, Detroit, Mich.
Wilson, R. M. Mfg. Co., Rome, N. Y.

Bath Tubs (Enameled Iron)

Cahill Iron Works, Chattanooga, Tenn.
Champion Sanitary Enamel Ware Co., Blairsville, Pa.
Colwell Lead Co., 63 Centre, New York.
Cribben & Sexton Co., 50 Erie, Chicago, Ill.
Day-Ward Co., Warren, O.
Humphreys Mfg. Co., Mansfield, O.
Iron City Sanitary Mfg. Co., 238 3d av, Pittsburg, Pa. Works, Zelienople, Pa.
Kohler's, J. M. Sons Co., Sheboygan, Wis.
Limberg Foundry & Enameling Works, Cincinnati, O.
Lipp, Louis Co., Winton pl, Cincinnati, O.
McShane, Henry Mfg. Co., Baltimore, Md.
McVay & Walker, Braddock, Pa.
Mott, J. L. Iron Works, 88 Beekman, N. Y.
Rundle Mfg. Co., Milwaukee, Wis.
Standard Sanitary Mfg. Co., Pittsburg, Pa.
STEIN, HENRY, 48 Cliff, N. Y.. (See adv. index, end of book.)
Stuart & Peterson Co., Burlington, N. J.
United States Sanitary Mfg. Co., Arrott bldg., Pittsburg, Pa., & Monaca, Pa.
Weiskittle, Anton & Son, Washington & Aliceama, Maltimore, Md.
Wilson, R. M. Mfg. Co., Rome, N. Y.
Wolff, L. Mfg. Co., 117 W. Lake, Chicago, Ill.

Bath Tubs (Folding)

Day Metallic Mfg. Co., Detroit, Mich., & 284 Pearl, New York.
Folding Bath Tub Co., Marshall, Mich.
Gray Mfg. Co., Muskegon, Mich.
Levi, David & Co., ("Mosely"), 77th & Jackson av, Chicago, Ill.

Bath Tubs (Galvanized Steel Enameled)

Day-Ward Co., Warren, O.
Walker, James & Son, Detroit, Mich.
Wilson, R. M. Mfg. Co., Rome, N. Y.

Bath Tubs (Infants')

Geuber & Paeschke Mfg. Co., (Galvanized & Japanned Iron, etc.), Milwaukee, Wis.

Bath Tubs (Porcelain)

American Porcelain Co., New Brighton, Pa.
Beig, Henry (Laundry only), 48 Wallabout, Brooklyn, N. Y.
Brian Pottery Co., Trenton, N. J.
Graham, Chas., 986 Metropolitan av, Brooklyn, N. Y.
Monument Pottery Co., Trenton, N. J.
Mott, J. L. Iron Works, 88 Beekman, New York;
Perth Amboy Ceramic Co., Perth Amboy, N. J.
Standard Sanitary Pottery Co., Elizabeth, N. J.
Trenton Fire Clay & Porcelain Co., Trenton, N. J.
Trenton Potteries Co., Trenton, N. J.

Bath Tubs (Sheet Steel)

Booth, Clarence H., (Pressed Steel Rolled-Rim), Detroit, Mich.
Day Metallic Mfg. Co., Detroit, Mich.
Day-Ward Co. (Cased, Nickeloid & also Copper-lined), Warren, O.
Leclaire Mfg. Co., ("and Steel-clad"), Edwardsville, Ill.
Standard Sanitary Mfg. Co. of Michigan, 942 Champlain, Detroit, Mich.
Trageser's, Jno., Steam Copper Works, 447 W. 26th, N. Y.
Walker, Jas. & Son, Detroit, Mich.
Wilson, R. M. Mfg. Co. ("Copper-lined, Steel-clad"), Rome, N. Y.

Bath Tubs (Slate)

(See Laundry Tubs, Slate.)

Bath Tubs (Tin)

Dover Stamping & Mfg. Co. ("Enameled White Inside"), Cambridge, Mass.

Baths (Needle & Shower)

Adee, Fred & Co., 44 Cliff, New York
Ahrens & Ott Mfg. Co., Louisville, Ky.
Cooper, W. S. Brass Works, Philadelphia, Pa.
Clow, Jas. B. & Sons, 342 Franklin, Chicago.
Dalton & Ingersoll Co., 175 High, Boston, Mass.
Dinneen & Cook, 213 W 125th, N. Y.
Edwardsville Brass Co., Edwardsville, Ill.
Haines, Jones & Cadbury Co., 1136 Ridge av, Philadelphia, Pa.
Hoffman & Billings Mfg. Co., 96 2nd, Milwaukee, Wis.
Huber, Henry Co., 244 5th av, New York
Illinois Malleable Iron Co., 30 W Monroe, Chicago, Ill.
McShane, Henry Mfg. Co., 441 North, Baltimore, Md., & 81 Fulton. N. Y.
Mayor, Lane & Co., 128 White, N. Y.
Meyer-Sniffen Co., Ltd., 5 E 19th, New York
Mott, J. L. Iron Works, 88 Beekman, New York; Boston, Mass.; Phila., Pa., & Chicago, Ill.
Nelson, N. O. Mfg. Co., 424 N 8th, St. Louis, Mo.
Newell-Booth Co., Broad c Buttonwood, Phila., Pa.
Peck Bros. & Co., 127 Chestnut, New Haven, Conn.; 27 W 42d, New York, & 157 High, Boston, Mass.
Rundle-Spence Mfg. Co., Milwaukee, Wis.
Sanitary Company ("Paragon"), 9 Water, Cleveland, O.
Speakman Supply & Pipe Co., Wilmington, Del.
Steeger, Henry, 143 E 31st, New York
Street & Kent Mfg. Co., 41 Fulton, Chicago.
Taylor, Geo., 97 Cliff, New York
Victor Excelsior Brass Works, 128 White, N. Y.
Wolff, L. Mfg. Co., 117 W Lake, Chicago, Ill.

Baths (Plunge & Shower for Ships)

Dalton-Ingersoll Co., Boston, Mass.

Baths (Portable Shower)

Chicago Shower Mfg. Co., 185. Dearborn, Chicago, Ill.
Cline, L. Mfg. Co., 1239 Wabash av, Chicago, Ill.
Wolverine Brass Works, Grand Rapids, Mich.

Batteries (Automobile)

Eastern Carbon Works, Jersey City, N. J.
National Carbon Co., W. Madison & Highland avs., Cleveland, O.
National Battery Co., 366 (Sperry), Mass. av, Buffalo, N. Y.

Batteries (Closed Circuits)

Ansonia Electrical Co., Ansonia, Conn.
Bates, Clyde R., Monadnock blk., Chicago, Ill.
Bunnell, J. H. & Co., 20 Park pl, New York
Clark & Mills Electric Co. (The Excello), 543 Boylston, Boston, Mass.
Edison Mfg. Co., 83 Chambers, N. Y.
Electric Storage Supply Co., 297 South, Boston, Mass.
Electrical Appliance Co., 136 Longworth, Cincinnati, O.
Gordon Battery Co., 439 E 144th, New York.
Hussey Dynamo Battery Co., 39 Cortlandt, N. Y.
International Brass & Electric Co., 76 Beekman, New York
Manhattan Electrical Supply Co., 32 Cortlandt, N. Y.
National Carbon Co., Cleveland, Ohio
Novelty Electric Co., 50 N 4th, Phila., Pa.
Nungesser Electric Battery Co., 29 King. Cleveland, O.
Partrick, Carter & Wilkins, 1231 Callowhill, Philadelphia, Pa.
Pearce, Fredk., 18 Rose, New York
Pullen, Leon, W. Electric Co., 618 Chestnut, Phila., Pa.
Viaduct Mfg. Co., 10 S Howard, Baltimore, Md.
Waterbury Battery Co., Waterbury, Conn.
Western Electric Co., 259 S Clinton, Chicago, & 57 Bethune, New York
White, S. S., Dental Mfg. Co., 1130 Chestnut, Phila., Pa.

Batteries (Dry)

Allen, D. H. & Co., Miamisburg, O.
Altman & Co. (Altman Twin Triplet), 69 Dearborn, Chicago.
American Electrical Novelty & Mfg. Co., 308 Hudson, New York.
Bunnell, J. H. & Co., 20 Park pl, New York
Burnley Battery & Mfg. Co., Painesville, O.
Chloride of Silver Dry Cell Battery Co., 409 N Paca, Baltimore Md.
Dow Portable Electric Co., Braintree, Mass.
Electric Appliance Co., Burlington, Kans.
Eastern Carbon Works, Jersey City, N. J.
Electric Applance Co., Burlington, Kans.
Harvard Electric Co., 224 S Clinton, Chicago.
Hubbs-Near Electrical Mfg. Co. ("20th Century"), Butler, O.
Joncs, J. & Son ("The Perfection"), 62 Vesey, New York
Keystone Electric Telephone Co., 822 5th av, Pittsburg, Pa.
McOuat, Robt. L., 125 S Meridian, Indianapolis, Ind.
Manhattan Electrical Supply Co., 39 Cortlandt, N. Y.
National Carbon Co. (Columbia), Cleveland, O.
New Excelsior Dry Battery Mfg. Co. ("Eclipse" for Automobile, Cycles, etc.), 32 Vesey, N. Y.
Non-Polarizing Dry Battery Co. (Inc.), 428 Broome, New York
Nungesser Electric Battery Co., 29 King, Cleveland, O.
Ohio Electric Works, 76 Ellen, Cleveland, O.
P. & W. Electric Co., Newburgh, N. Y.
Partrick, Carter & Wilkins, 1231 Callowhill, Phila., Pa.
Phenix Electrical Works, 203 Washington, Brooklyn, N. Y.
PRENTISS CLOCK IMPROVEMENT Co., 49 Dey, N. Y. (See adv. index, end of book)
Rochc, Wm. (New Standard), 42 Park pl. N. Y.
Sandusky Supply & Construction Co., (Stack), Sandusky, O.
Stanley & Patterson (Inc.) (Exeter), 40 Cortlandt, N. Y.
Swan Electric Mfg. Co. ("Electrotonic" & "Swan" Semi-Dry), 21 State, New York City
Thornton Electric Works (Inc.), 3 E. 14th, N. Y.
Vallee Bros. Electrical Co. (Ajax), 625 Arch, Phila., Pa.
Voltamp Electric Mfg. Co., 408 Jasper, Baltimore, Md.
Western Electric Co., 259 S. Clinton, Chicago, & 57 Bethune, New York.

Batteries (Gas & Gasoline Motor)

National Battery Co. (Sperry), 368 Mass. av., Buffalo, N. Y.
National Carbon Co., Cleveland, O.

Batteries (Open Circuit)

Ansonia Electrical Co., Ansonia, Conn.
Boston Electric Co. (Leclanche), 29 Harrison av, Boston, Mass.
Bunnell, J. H. & Co., 20 Park pl, N. Y.
Electric Appliance Co., 92 W. Van Buren, Chicago, Ill.
Electric Gas Lighting Co. (Samson, Leclanche & Nomas), 115 Purchase, Boston, Mass.
Gordon Battery Co. ("London," "Law"), 439 E. 144th, New York.
Harrison Bros. & Co., 35th & Grays Ferry rd, Phila., Pa.
Hirlimann, Chas. J. (Champion), 17 Laight, New York.
Holtzer-Cabot Electric Co., Brookline, Mass.
La Salle Electric Co., 47 W. Lake, Chicago, Ill.
Lechanche Battery Co. (Axo, Gonda & Vole), 117 E. 131st, New York.
McOuat, Robt. L., Indianapolis, Ind.
Manhattan Electrical Supply Co., 32 Cortlandt, New York.
Minneapolis Electric & Cons. Co. (Crescent), 17 S 4th, Minneapolis, Minn.
National Carbon Co., Cleveland, O.
Novelty Electric Co. (acid), 52 N. 4th, Philadelphia, Pa.
Nungesser Electric Battery Co. (Chloride of Silver), 29 King, Cleveland, O.
Partrick, Carter & Wilkins, 1231 Callowhill, Phila., Pa.
Phoenix Battery Mfg. Co., St. Louis, Mo.
Pullen, Leon W., Electric Co., 618 Chestnut, Phila., Pa.
Rhode Island Telephone & Electric Co., Providence, R. I.
Stanley & Patterson (Inc.) (Gold Medal) ("The Faraday"), 40 Cortlandt, New York
Van Houten & Ten Broeck (Fitch), 300 4th av, New York
Waterbury Battery Co. ("Victor"), Waterbury, Conn.
Western Electric Co., 259 S Clinton, Chicago, & 57 Bethune, New York

Batteries (Stamp)

Allis-Chalmers Co., N. Y. Life bldg, Chicago, Ill., & 71 B'way, N. Y.
Power & Mining Machinery Co., 52 William, N. Y. Works, Cudahy, Wis.
Union Iron Works, 222 Market, San Francisco, Cal.

Batteries (Storage)

American Battery Co., 172 S Clinton, Chicago
Clark & Mills (Excello), 543 Boylston, Boston, Mass.
Dayton Electrical Mfg. Co., Dayton, O.
Dayton Mfg. Co., ("Silvey"), Dayton, O.
Dayton, Electrical Battery Co., Dayton, O.
Dayton Storage Battery Co., Dayton, O.
Domestic Electric Equipment Co., 503 W 44th, New York
Edison Storage Battery Co., Newark, N. J.
Electric Storage Battery Co., 19th & Allegheny av, Philadelphia, Pa.
Electric Supply & Storage Battery Co., Columbus, O.
Electrical Appliance Co. (Small), 528 Walnut, Cincinnati, O.
Euker, Geo. W. Co., Richmond, Va.
Gould Storage Battery Co., 1 W 34th, N. Y.
Hauss, D. J., Mitchell bldg, Cincinnati, O.
Helios-Upton Co., 222 Fullerton av, Chicago, Ill., & Kennedy bldg, Phila., Pa.
Jewell Storage Battery Co., Pittsburg, Pa.
Mac Rae, Hector C., 316 St. Paul, Baltimore. Md.
National Battery Co. ("National," "Sperry"), 366 Mass. av, Buffalo, N. Y.
Northwestern Storage Battery Co., 465 W 22d, Chicago, Ill.
Perret Storage Battery Co., 17 State, N. Y.
Phenix Electrical Works, 203 Washington, Brooklyn, N. Y.
Porter Battery Co., Monadnock blk, Chicago.
Reuterdahl Electric Co., Providence, R. I.
Sigler, Carlton C. (Willard), 122 Euclid av, Cleveland, O.
Smith Storage Battery Co., Binghamton, N. Y.
Storage Battery Supply Co., 239 E 27th, N. Y.
United States Storage Battery Co., New Rochelle, N. Y.
Vesta Accumulator Co., 266 State, Chicago, Ill.
Western Storage Battery Co., Indianapolis, Ind.
Willard Storage Battery Co., Cleveland, O.

Batteries (Storage, Electric Railway)

Electric Storage Battery Co., 19th & Allegheny av, Phila., Pa.
Gould Storage Battery Co., 1 W 34th, N. Y.
National Battery Co., 362 Mass. av, Buffalo, N. Y.
Willard Storage Battery Co., Cleveland, O.

Battery Chemicals.

Ashley, T. C. & Co. (Dealers), Boston, Mass.
Cooper, Chas. & Co., 194 Worth, N. Y.
Eimer & Amend, 211 3d av, N. Y.
General Chemical Co., 25 Broad, N. Y.
Grasselli Chemical Co., Cleveland, O., & 63 Wall, New York
Innis & Co., 181 Front, New York.
Kalbfleisch, E. L. & Son, 56 Pine, N. Y.
Kalbfleisch, Franklin H. Co., 35 Burling Slip, New York
Klipstein, A. & Co. (Dealers), 122 Pearl, N. Y.
Merck & Co., 15 University pl, New York
Merrimac Chemical Co., 75 Broad, Boston, Mass.
Nicholas Chemical Co., 25 Broad, New York
Powers & Weightman, 9th & Parrish, Philadelphia, Pa.
Tech, J. L. & J., 25 Bridge, New York
Western Chemical Mfg. Co., S 7th & W Bayard, Denver, Col.

Battery Coppers

Baltimore Copper Smelting & Rolling Mill Co., Keyser bldg, Baltimore, Md.
Beattie Zinc Works Co., Reading, Mass.
Boston Electric Co., 29 Harrison av, Boston, Mass.
Bryant Zinc Co., 71 W Adams, Chicago
Coe Brass Mfg. Co., Torrington, Conn.
Edes Mfg. Co., Plymouth, Mass.
McDermid Mfg. Co., 118 W Jackson boul, Chicago, Ill.
Merchant & Co. (Inc.), 517 Arch, Phila., Pa.; 245 Water, N. Y., & 14 Michigan, Chicago, & 584 Flushing av, Brooklyn, N. Y.
Seymour Mfg. Co. (Plates & Rods), Seymour, Conn.
Taunton-New Bedford Copper Co., New Bedford, & Taunton, Mass.

Battery Jars

American Hard Rubber Co., 11 Mercer, N. Y.
Brookfield Glass Co. (Glass), 220 B'way, New York
Canton Glass Co., Marion, Ind.
Cumberland Glass Mfg. Co., Bridgeton, N. J.
Egyptian Pottery Co., Trenton, N. J.
Gayner Glass Works, Salem, N. J.
Gillinder & Sons, 135 Oxford, Phila., Pa.
Hemingray Glass Co., Covington, Ky.
Murray, Jas. J. & Co., Trenton av, Willard & Collins, Phila., Pa.
Illinois Glass Co., 612 N 2d, St. Louis, Mo. Works, Alton, Ill.
New England Pottery Co., 146 Condor (E. B.), Boston, Mass.
Rodefer, T. A., Bellaire, O.
Salem Glass Works, Salem, N. J.
Whitall, Tatum Co., 410 Race, Philadelphia, Pa.; 46 Barclay, N. Y., & 41 Broad, Boston, Mass. Works, Millville, N. J.
Whitney Glass Works, 227 S Front, Philadelphia, Pa.
Wormser Glass Co., 2nd & Sylvan av, Pittsburg, Pa.

Battery Jars (Rubber)

Morgan & Wright (Inc.), 19 N May, Chicago.
Vulcanized Rubber Co., 110 Grand, New York

Battery Zincs

Beattie Zinc Works Co., Reading, Mass.
Bryant Mfg. Co., (All Patterns), 125 Indiana, Chicago, Ill.
Bryant Zinc Co., 71 W Adams, Chicago, Ill.
Edes Mfg. Co., Plymouth, Mass .
Magnus Metal Co. Gen'l offices, 830 Ellicott sq, Buffalo, N. Y. Branch Plants, Allegheny, Pa.; Jersey City, N. J.; Depew, N. Y.; Newark, N. J.; New Haven, Conn., & 170 B'way, N. Y.
Matthiessen & Hegeler Zinc Co. (Rolled Plates), La Salle, Ill.
National Carbon Co., Cleveland, O.
Phillips, E. & Sons, South Hanover, Mass.
Prescott. J. B. & Son, Webster, Mass.
Waterbury Battery Co., Waterbury, Conn.
Western Electric Co., 259 S Clinton, Chicago, & 57 Bethune, New York

Beams (Steel Plow)

(See Plow Beams, Steel)

Bearings (Anti-Friction)

(See also Babbitt Metal.)

Acme Journal Bearing Co., 49 S Canal, Chicago, Ill.
Ajax Metal Co., 46 Richmond, Phila., Pa.
Allan, A. & Son ("Allan's" Red Anti Friction Metal), 2 Desbrosses, New York

Arguto Oilless Bearing Co., 149 Berkley Gtn., Phila., Pa.
Armstrong Mfg. Co., Bridgeport, Conn.
Atlantic Brass Co. (the A. B. C.), 192 B'way, N. Y.
Aumen & Garrett, 415 Water, Baltimore, Md.
Aurora Metal Co., Aurora, Ill.
Besly, Chas. H. & Co. (Helmet), Chicago, Ill.
Blake, T. J. & Son, Hartford, Conn.
Brady Brass Co., 204 10th, Jersey City, N. J.
Bridgeport Deoxidized Bronze & Metal, Bridgeport, Conn.
Bronzyte Metal Co., Torrington, Conn.
Brown, A. & F. Co., 26 Cortlandt, N. Y., & Works, Elizabeth, N. J.
Buckeye Iron & Brass Works, Dayton, O.
Central Union Brass Co., 811 N 2d, St. Louis, Mo.
Clum & Atkinson, 18 Jay, Rochester, N. Y.
Columbia Machine Works & Malleable Iron Co., 167 Chestnut, Brooklyn, N. Y.
Crown Smelting Co., Chester, Pa.
Dodge Mfg. Co., Mishawaka, Ind.; 45 Dey, N. Y.; 168 S. Clinton, Chicago; 137 Purchase, Boston, Mass., & 128 W 3d, Cincinnati, O.
Eastwood Wire Mfg. Co., Belleville, N. J.
Empire Metal Co., 118 Grape, Syracuse, N. Y.
Falcon Bronze Co., Youngstown, O.
Fox Copper & Bronze Mfg. Co., 2624 Smallman, Pittsburg, Pa.
Frictionless Metal Co., Richmond, Va.
Fulton Iron & Engine Works, 28 Brush, Detroit, Mich.
Graham, Jas. & Co., New Haven, Conn.
Garratt, J. W., Brass Foundry Co., 2028 Walnut, St. Louis, Mo.
Graphite Lubricating Co. (Machinery), Bound Brook, N. J., & Jersey City, N. J.
Great Western Mfg. Co., Leavenworth, Kan.
Hardy, Wm. A., Fitchburg, Mass.
Hayden, J. M. & Co., Grand Rapids, Mich.
Hewitt Mfg. Co., 21 Ontario, Chicago, Ill.
Hiertz, Theo. & Son (Nonpariel"), 10th & Poepping, St. Louis, Mo.
Hooks Smelting Co., Broad & Hamilton, Phila. Pa.
Hoyt Metal Co., 4th & Locust, St. Louis, Mo., & Arlington, N. J.
Hyatt Roller Bearing Co., Harrison, N. J.
Hyde Bros. & Co., Lewis blk., Pittsburg, Pa.
Jefferson Brass Foundry (the Eureka), 209 King, Brooklyn, N. Y.
Jones, E. D. & Sons Co., Pittsfield, Mass.
Jones, W. A., Foundry & Machine Co., 143 W North av, Chicago, Ill.
Lawrenceville Bronze Co., 3046 Penna av, Pittsburg, Pa.
Lehigh Car Wheel & Axle Works, Fullerton, Pa
Lissberger, Marks & Son, 397 W. 12th, N. Y., & 375 Driggs av., Brooklyn, N. Y.
LUMEN BEARING CO., 1155 Sycamore, Buffalo, N. Y. (Sec adv. below)
McCord & Co. (Torrey), 84 Van Buren, Chicago, Ill.
McHatton Smelting Co., 1500 Wash'n av., Phila., Pa.
Magnolia Metal Co., 511 W 13th, N. Y.
Magnus Metal Co. (Magnus Metal, Tanite Bronze & Lead Lined Journal Bearings), Gen'l Offices, 830 Ellicott sq., Buffalo, N. Y.;
Mansfield Tempered Copper Co., Mansfield, O.
Medart Patent Pulley Co., 3500 DeKalb, St. Louis, Mo.
Meneely, Geo. R. & Son, Watervliet, N. Y.
Merrill, W. B. & Co., 74 India, Boston, Mass.
Metal Sales Co., Citizens bldg. Cleveland, O.
More-Jones Brass & Metal Co., 3138 N. B'way, St. Louis, Mo.
Mowry & Phillips Co., 197 High, Boston, Mass.
Muzzy-Lyon Co., 58 Woodward av, Detroit, Mich.
National Fulton Brass Mfg. Co., 28 Brush, Detroit, Mich.
National Lead Co., 100 William, N. Y.; Buffalo, Chicago, Cincinnati, St. Louis & Louisville
NORTH AMERICAN METALINE CO. (Metaline), 4 West av, Long Island City, N. Y. (See adv. next page)
Ohio Brass Co., Mansfield, O.
Peerless Metal Refining Co., Kansas City, Mo.
Phillips, F. R. & Sons Co., Harrison bldg., Phila., Pa.
Phosphor Bronze Smelting Co., 2200 Wash'n av., Phila., Pa.
Pittsburg White Metal Co., 3116 Penn av, Pittsburg, Pa., & 160 Leroy, N. Y.
Portland Co., 58 Fore Portland, Me.
Railroad Supply Co., 215 Dearborn, Chicago
Raymond Lead Co., 51 W. Lake, Chicago, Ill.
Reeves, Paul S. & Son, 1413 Catharine, Phila., Pa.
Rowell, W. G. & Co., Bridgeport, Conn.
Schultz, A. & Co., ("Eureka"), 1016 E Baltomore, Maltimore, Md.
Simonds Mfg. Co., Pittsburg, Pa.
U. S. Bronze Co., 145 Columbus, Cleveland, O.
Van Dorn & Dutton, Cleveland, O.
Vulcan Works, Chester, Pa.
Williams, E. A. & Son, Jersey City, N. J.
Wilmington Malleable Iron Co. (Malleable Iron), Wilmington, Del.
Wing, J. T. & Co. (Graphite), 19 Woodward av., Detroit, Mich.
Woonsocket Machine & Press Co., Woonsocket, R. I.

Bearings (Ball)

(See also Balls, Steel; also Bearings, Roller.)

American Ball Bearing Co., Cleveland, O.
American Ball Co., Providence, R. I.
Auburn Ball Bearing Co., Rochester, N. Y.
Ball Bearing Co., Merion & Girard avs, Phila., Pa.
Baltimore Ball Bearing Co., Calvert bldg, Baltimore, Md.
Bantam Mfg. Co., Bantam, Conn.
Chapman Double Ball Bearing Co. (Double for Shafting, etc.), Fitchburg, Mass.; 114 Liberty, N. Y., & 25 Atlantic av, Boston Mass.
Guinn Ball Bearing Co., 361 North Baltimore, Md.
Johnson & Sharp Mfg. Co., (Hollow Steel), Ottumwa, Ia.
Pressed Steel Mfg. Co. ("Knipe's"), Ridge av, & Willow, Phila., Pa.
Parks Ball Bearing Machine Co. ("For Machinery"), Cincinnati, O.
Sartus Ball Bearing Co., 155 Spring, N. Y.
Standard Roller Bearing Co., (Thrust, etc.), N 48th & Girard av, Phila., Pa.

Bearings (Bronze Metal)

Damascus Bronze Co. ("Damascus"), Allegheny, Pa.
Lawrenceville Bronze Co., 31st & Penn av, Pittsburg, Pa.
LUMEN BEARING CO., 1155 Sycamore, Buffalo, N. Y. (See adv. below.)
Pittsburg White Metal Co., Pittsburg, Pa.

Bearings (Car Journal)

(See Bearings, Journal)

Bearings ("Damascus Bronze")

Damascus Bronze Co., Allegheny, Pa.

Bearings (Electrical)

Frictionless Metal Co., Richmond, Va.
Graphite Lubricating Co., Bound Brook & Jersey City, N. J.
Holmes Fibre Graphite Mfg. Co., 5155 Wakefield, Phila., Pa.
LUMEN BEARING CO., 1155 Sycamore, Buffalo, N. Y. (See adv. below)
Magnus Metal Co. (Armature & Motor), Gen'l Offices, 830 Ellicott sq., Buffalo, N. Y. Branch plants, Allegheny, Pa.; Jersey City, N. J.; Newark, N. J.; New Haven, Conn., Depew, N. Y., & 170 B'way, N. Y.
Mansfield Tempered Copper Co., Mansfield, O.
Muzzy-Lyon Co., 58 Woodward av, Detroit, Mich.
Ohio Brass Co., Mansfield, O.
Pittsburg White Metal Co., 3116 Penn av, Pittsburg, Pa., & 160 Leroy, N. Y.
Reeves, Paul S. & Son, 1413 Catharine, Phila., Pa.
Simonds Mfg. Co. (for Electric Railways), Pittsburg, Pa.
St. Louis Car Co. (For Cars), 8000 N B'way, St. Louis, Mo.
Wing, J. T. & Co. (Graphite), 19 Woodward av, Detroit, Mich.

Bearings (Graphite)

Edna Smelting & Refining Co., 525 Reading rd, Cincinnati, O., & Monadnock Blk., Chicago.
Graphite Lubricating Co., Bound Brook, N. J.
Holmes Fibre Graphite Mfg. Co., 5155 Wakefield Gtn., Phila., Pa.
Wing, J. T. & Co., 19 Woodward av, Detroit, Mich.

Bearings (Hard Fibre)

(See Fibre Mfrs., Hard.)

Bearings (Journal)

Acme Journal Bearing Co., 49 S. Canal, Chicago, Ill.
Ajax Metal Co., 46 Richmond, Phila., Pa., & Birmingham, Ala.
Allison Mfg. Co., 32d & Walnut, Phila., Pa.
Aluminum Bronze Castings Co., 1174 Hamilton, Cleveland, O.
Atlantic Brass Co. (The "A. B. C."), 192 B'way, N. Y.
Aurora Metal Co., Aurora, Ill.
Baltimore Railway Specialty Co., (Car), Baltimore, Md.

LUMEN BRONZE BEARINGS

Twenty Per Cent. Lighter Than Ordinary Bronze. Will Not Cut Journals or Pins. Combines the Strength of Bronze with the Anti-Frictional Qualities of Babbitt.

In use by many Leading Builders of Car Trucks, Motors, Engines, Electrical, and Hoisting and Conveying Machinery of all Kinds.

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Besly, Chas. H. & Co. ("Hemlet"), 15 Clinton, Chicago, Ill.
Bemis Car Truck Co., 120 Liberty, N. Y. Works, Springfield, Mass.
Blake, T. J. & Son (Car & Locomotive), Hartford, Conn.
Brady Brass Co., Jersey City, N. J.
Bridgeport Deoxidized Bronze & Metal Co., Bridgeport, Conn.
Brill, J. G. Co., 62d & Woodland av., Phila., Pa.
BUDA FOUNDRY & MFG. CO., Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
Camel Co., 84 Van Buren, Chicago, Ill.
Chester Steel Casting Co., Chester, Pa., & 407 Sansom, Phila., Pa.
Clum & Atkinson, 18 Jay, Rochester, N. Y.
Columbia Machine Works & Malleable Iron Co., 167 Chestnut, Brooklyn, N. Y.
Damascus Bronze Co., Allegheny, Pa.
Diamond State Car Spring Co., Wilmington, Del.
Edna Smelting & Refining Co. (Porteus Graphite), 525 Reading road, Cincinnati, O., & Monadnock blk, Chicago, Ill.
Falcon Bronze Co., Youngstown, O.
Frictionless Metal Co., Richmond, Va.
Garratt, J. W. Brass Foundry Co., 2028 Walnut, St. Louis, Mo.
Graham, Jas. & Co., New Haven, Conn.
Hewitt Mfg. Co., 21 Ontario, Chicago, & 241 Greenfield, Milwaukee, Wis.
Hooks Smelting Co., Broad & Hamilton, Phila., Pa.
Hyatt Roller Bearing Co., Harrison, N. J.
LUMEN BEARING CO., 1155 Sycamore, Buffalo, N. Y. (See adv. preceding page.)
McGuire-Cummings Mfg. Co., 122 N Sangamon, Chicago, Ill.
McKenna, Jas. J. & Bro., 424 E. 23d, N. Y.
Magnolia Metal Co., 113 Bank, N. Y.
Magnus Metal Co. (Lead Lined, etc.), Gen'l Offices, 830 Ellicott sq., Buffalo, N. Y. Branch Plants, 519 Preble av., Allegheny, Pa.; Jersey City, N. J.; 335 6th av., Newark, N. J.; New Haven, Conn; 170 B'way, N. Y., & Depew, N. Y.
Mansfield Tempered Copper Co., Mansfield, O.
Mayer & Englund, 1024 Filbert, Phila., Pa.
Meneely, Geo. R. & Son, Watervliet, N. Y.
More-Jones Brass & Metal Co., 3138 N. B'way, St. Louis, Mo.
Muzzy-Lyon Co., 58 Woodward av, Detroit, Mich.
National Brass Mfg. Co., Kansas City, Mo.
National-Fulton Brass Mfg. Co., Detroit, Mich.
National Lead Co., 100 William, N. Y., also branches.
NORTH AMERICAN METALINE CO., 4 West av, Long Island City, N. Y. (See ad. below)
Noyes Brass Works, Erie, Pa.
Ohio Brass Co., Mansfield, O.
Palmetto Metal Co. ("Palmetto"), 167 Dearborn, Chicago, Ill.
Phillips, F. R. & Sons Co., Harrison Bldg., Phila., Pa.
Phosphor-Bronze Smelting Co., Phila., Pa.
Railroad Supply Co., Bedford bldg, Chicago, Ill
Reeves, Paul S. & Son, 1415 Catharine, Phila., Pa.
Rogers Metal Works, (Car), Kansas City, Mo.
Rowell, W. G. & Co., Bridgeport, Conn.
Simplex Railway Appliance Co. (Susemihl Roller Side), Chicago, Ill., & Hammond, Ind.
Spiral Journal Bearing Co., 29 B'way, N. Y.
St. Louis Car Co. (Steam & Electric), 8000 N B'way, St. Louis, Mo.
Taylor Electric Truck Co., Troy, N. Y.
Universal Car Bearing Co., 84 Van Buren, Chicago, Ill., & 11 B'way, N. Y.
U. S. Bronze Co., 145 Columbus, Cleveland, O.
Van Dorn & Dutton Co., 1796 E. Madison av, Cleveland, O.
Watson, Frye & Co., Bath, Me.
Wharton, Wm., Jr., & Co. (Inc.), 25th & Wash'n av, Phila., Pa.
Williams, E. A. & Son, Jersey City, N. J.
Wolfe & Englert Composite Metal Co (Composite Metal), Catasauqua, Pa.

Bearings Lead Lined)

Bridgeport Deoxidized Bronze & Metal Co., Bridgeport, Conn.
Reeves, Paul S. & Son, 1415 Catharine, Phila., Pa.

Bearings (Locomotive)

(See Bearings, Journal.)

Bearings (Lumen Bronze)

LUMEN BEARING CO., 1155 Sycamore, Buffalo, N. Y. (See adv., preceding page.)

Bearings (Metaline, Self-Oiling)

Boston & Lockport Block Co., 160 Commercial, Boston; 33 South, N. Y., & Lockport, N. Y.
NORTH AMERICAN METALINE MFG. Co., 4 West av, Long Island City, N. Y. (See ad. below)

Bearings (Motor)

Brady Brass Co., 204 10th, Jersey City, N. J.
Columbia Machine Works & Malleable Iron Co., 169 Chestnut, Brooklyn, N. Y.
Frictionless Metal Co., Richmond, Va.
Graphite Lubricating Co., Bound Brook, N. J.
LUMEN BEARING CO., 1155 Sycamore, Buffalo, N. Y. (See adv., preceding page.)
Mansfield Tempered Copper Co., Mansfield, O.
Merchant & Co. (Inc.), 517 Arch, Phila., Pa.; 245 Water, N. Y., 584 Flushing av, B'klyn, N. Y., & 46 S. Clinton, Chicago, Ill.
Muzzy-Lyon Co., 58 Woodward av, Detroit, Mich.
National Lead Co., 100 William, N. Y.; Buffalo, Chicago, Cincinnati, St. Louis & Louisville
NUTTALL, R. D. CO., Fayette & Garrison pl, Pittsburg, Pa. (See adv. index, end of book)
Ohio Brass Co., Mansfield, O.
Pittsburg White Metal Co., 3116 Penn av, Pittsburg, Pa., & 160 Leroy, N. Y.
Reeves, Paul S. & Son, 1413 Catharine, Phila., Pa.
Rowell, W. G. & Co. (Vulcan Bronze), Bridgeport, Conn.
Wing, J. T. & Co. (Graphite), 19 Woodward av, Detroit, Mich.

Bearings (Oilless)

Arguto Oilless Bearing Co., Wayne Junction, Phila., Pa.
NORTH AMERICAN METALINE CO., ("Metaline," Self Lubricating), 4 West av. Long Island City, N. Y. (See ad. this page)

Bearings (Phosphor Bronze)

(See Castings, Phosphor Bronze.)

Bearings (Roller)

(See also Bearings, Ball; also Bearings, Side)

American Roller Bearing Co., S Framingham, Mass.
Arguto Oilless Bearing Co., 149 Berkley Gtn, Phila., Pa.
Ball Bearing Co., (Thrust, etc.), Merion & Girard avs, Phila., Pa.
Bantam Mfg. Co., Bantam, Conn.
BUDA FOUNDRY & MFG. CO. (Car, etc.), Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
Gilette Roller Bearing Co., Grand Rapids, Mich.
Hyatt Roller Bearing Co., Harrison, N. J.
Iroquois Machine Co., Providence, R. I., & 150 Nassau, N. Y.
Moffett Bearing Co., 90 Ohio, Chicago, Ill.
Moffett Vehicle Bearing Co., Saginaw, Mich.
Standard Machinery Co., Providence, R. I.
Standard Railway Equipment Co. (Pneumatic), Nat'l Bank of Commerce bldg, St. Louis, Mo.
Standard Roller Bearing Co., (Thrust, etc.), 48th & Girard av, Phila., Pa.
Timken Roller Bearing Axle Co., "Vehicle & Automobile," Canton, O.

Bearings (Self-Oiling)

Allison Mfg. Co., 32d & Walnut, Phila, Pa.
Arguto Oilless Bearing Co., 149 Bekley Gtn, Phila., Pa.
Brill, J. G. Co., 62d & Woodland av, Phila., Pa.
Dodge Mfg. Co., Mishawaka, Ind.
Fairmount Machine Co., 22d & Wood, Phila., Pa.
Hyatt Roller Bearing Co., Harrison, N. J.
Jones & Laughlins Steel Co., Pittsburg, Pa.
Klein, Chas. C. (Step for Vertical Shafts), 2850 N Marshall, Philadelphia, Pa.
Medart Patent Pulley Co., 3500 DeKalb, St. Louis, Mo.
NORTH AMERICAN METALINE CO., (Metaline), 4 West av, Long Island City, N. Y. (See ad. this page)
WEBSTER MFG. CO., 1075 W. 15th, Chicago, & 38 Dey, N. Y. (See adv. index, end of book)
Woonsocket Machine & Press Co., Woonsocket, R. I.

Bearings (Side)

Baltimore Railway Specialty Co., ("Norwood" Improved, also Center), Baltimore, Md.
Chicago Railway Equipment Co. (for Cars), 40th & Princeton av, Chicago, Ill.
Frictionless Metal Co., Richmond, Va.
Hutchins, E. R. & R. G., ("Perry" Roller), Rookery bldg, Chicago, Ill.
Magnus Metal Co., gen'l offices, 830 Ellicott sq, Buffalo, N. Y. Branch plants, Allegheny, Pa.; Jersey City, N. J.; Newark, N. J.; New Haven, Conn.; Depew, N. Y., & 170 B'way, New York
More-Jones Brass & Metal Co, 3138 N B'way, St. Louis, Mo.
Simplex Railway Appliance Co. (Susemihl Roller Side), Hammond, Ind., Chicago, Ill., & N. Y. City.

Bearings (Spiral)

St. Louis Car Co. (Journal), 8000 N B'way, St. Louis, Mo.
Spiral Journal Bearing Co., 29 B'way, N. Y.

Bearings (Trolley Wheel)

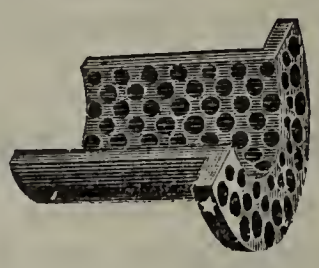
Graphite Lubricating Co. (Graphite & Bronze), Bound Brook, N. J.
LUMEN BEARING CO., 1155 Syramore, Buffalo, N. Y. (See adv., preceding page.)

Beaters (Egg)

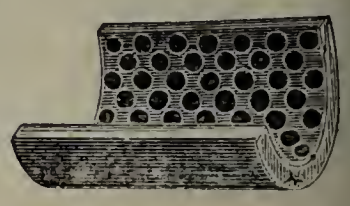
Dover Stamping & Mfg. Co. ("New Dover" for Family Use & "Leviathan Dover" for Confectioners), Cambridge, Mass.

Beds (Metal, for Railroads)

Adams & Westlake Co., Ontario, cor Franklin, Chicago, Ill., 2042 N 10th, Phila., Pa., & 26 Cortlandt, N. Y.



BEARINGS
Metalined or Oilless,
For Loose Pulleys, Hanger Boxes, Tackle Block Sheaves and many other places.
WRITE FOR CATALOGUE.
NORTH AMERICAN METALINE CO.,
4 West Avenue, LONG ISLAND CITY, N. Y.



Bedstead Mfrs. (Brass or Iron)

ARKANSAS.

FT. SMITH—Ward Furniture Mfg. Co., (Brass & Iron)

CALIFORNIA.

LOS ANGELES—Van Vorst & Berman, (Brass & Iron)
SAN FRANCISCO—Merle, A. Co., (Brass & Iron), 515 Mission
Schrock, W. A., (Iron), 19 New Montgomery

CONNECTICUT.

HARTFORD—Hartford Woven Wire Mattress Co., (Iron), 618 Capitol
SHELTON—Whitcomb Metallic Bedstead Co., (Brass & Iron)

GEORGIA.

ATLANTA—Atlanta Mfg. Co., (Brass & Iron)
Gholstein-Cunningham Spring Bed Co., (Iron)
DUBLIN—Dublin Furniture Co., (Brass & Iron)
MACON—Macon Spring Bed & Mattress Co., (Iron)

ILLINOIS.

BRADLEY—Turk Furniture Co. (Iron).
CHICAGO—Adams & Westlake Co., (Brass & Iron), Ontario & N Franklin
American Metal Ware Co., (Brass), 87 Huron
Art Bedstead Co., (Brass & Iron), 37th & Rockwell
Blonder Bros., (Brass), W Chicago av & 135 W Superior
Calumet Metal Furniture Co., (Iron), 73 N Ashland av
Davis & Horwich, (Brass & Iron), 2242 La Salle
Federal Iron & Brass Bed Co., (Brass & Iron), 115th & Panhandle Tracks
Garvy Co., (Iron), 80 Norton
Hall, Miller & Son, (Brass & Iron), Taylor & Rockwell
Horn Bros. Mfg. Co., (Iron), 281 W Superior
Hyman, F., (Iron), 128 Clybourn
Kimball & Chappell Co., (Brass & Iron), 2834 Loomis
Peck & Hills Furniture Co., (Brass & Iron), 1319 Michigan av
Sanitary Steel Folding Bed Co., (Iron), 12 S Jefferson
Schomer, Henry, (Iron), 301 S Canal
Simmons Mfg. Co., (Brass & Iron), 1 Austin av
Union Wire Mattress Co., (Iron), 73 Erie
PEORIA—Peoria Lounge & Mattress Co., (Iron), 301 N Water
PLANO—Earl Mfg. Co., (Brass & Iron)
Earl Metal Bed Co., (Iron)
Sears, Albert H., (Brass)

INDIANA.

EVANSVILLE—Evansville Metal Bed Co., (Brass & Iron)
FRANKTON—Frankton Furniture Co., (Brass & Iron)
INDIANAPOLIS—Puritan Bed Spring Co., (Brass & Iron)
MARION—Indiana Brass & Iron Bed Co., (Iron)
MUNCIE—Hickson Mfg. Co., (Iron)
RICHMOND—Richmond Mfg. Co., (Brass & Iron)

IOWA.

DUBUQUE—Dubuque Cabinet Makers' Assn., (Brass & Iron)

KENTUCKY.

LEXINGTON—Gorman, M. H., (Iron)

LOUISIANA.

NEW ORLEANS—Crescent Bed Co., Ltd., (Brass), Tchoupitoulas & Orange

MAINE.

BANGOR—Bangor Mattress Co., (Iron)

MARYLAND.

BALTIMORE—Fauldrath, C. H. & Bro., (Brass & Iron), 219 N Howard
Foster Bros. Mfg. Co., (Brass & Iron), 320 N Holliday

MASSACHUSETTS.

BOSTON—Bay State Bedstead Co., (Brass & Iron), 191 Freeport, Dor.
Bent, G. W. & Co. (Brass & Iron), 93 Causeway
Boston Metallic Bed Co., (Iron), 90 Canal
Decatur, A. L., Co. (Iron), 18 Washington, N
Fowkes, J. H., Co. 77 Washington N
Kenny A. E., Co. (Brass & Iron), 97 Beverly
Merrimac Mattress Mfg. Co., (Iron), 95 Portland
Robert, S & Co., (Iron), 79 Haverhill
WESTBORO—Foster-Richardson Co., (Brass & Iron)

MICHIGAN.

DETROIT—Jenks & Muir Mfg. Co., (Brass & Iron), 1441 Hastings
DOWAGIAC—Dowagiac Furniture Co., (Iron)
GRAND RAPIDS—Grand Rapids Brass & Iron Bed Co., (Brass & Iron)
READING VILLAGE—Croul, J. L., (Iron)

MINNESOTA.

MINNEAPOLIS—Gangelhoff Bros., (Brass & Iron), 909 S 2d
Minneapolis Bedding Co., (Brass & Iron), 5th av & Division
Salisbury & Satterlee (Iron), 215 S. E. Main
RED WING—Red Wing Mfg. Co., (Brass & Iron)
ST PAUL—United States Bedding Co., (Brass & Iron)

MISSOURI.

KANSAS CITY—Brown Mfg. Co., (Iron), 407 S W boul
ST LOUIS—American Bed Co., (Brass & Iron), 18th to 19th & Park av
Foster Bros. Mfg. Co., (Iron), 1410 N 16th
Hanpeter, E. C., (Brass & Iron), 200 Florida
Mellon, Peter H. Mfg. Co., (Iron), 10th & Mullanphy
Smith & Davis Mfg. Co., (Brass & Iron), Locust & 20th
St. Louis Bed & Mfg. Co., 200 Florida

NEBRASKA.

LINCOLN—Western Mattress Co., (Iron)
OMAHA—Doup, L. G., (Iron)

NEW JERSEY.

HOBOKEN—Oriental Metal Bed Co., (Brass)
JERSEY CITY—Mersereau Metal Bed Co., (Brass & Iron), 202 Johnson av
Runyon, J. D. Mfg. Co., (Brass & Iron), 190 1st
KEARNEY—Knickerbocker Metallic Bed Co., (Brass & Iron)
TRENTON—Trenton Lamp Mfg. Co., (Brass & Iron)

NEW YORK.

ALBANY—Hasselbarth, C. O., (Brass & Iron), 30 Hamilton
BUFFALO—Barcalo Mfg. Co., (Brass & Iron), 120 Kentucky
LOCKPORT—Oliver Bros. Co., (Brass & Iron)
MECHANICSVILLE—Eckerson Bedding Co., (Iron)

Borough of Brooklyn

BROOKLYN—Greenpoint Metallic Bed Co., (Brass & Iron), 226 Franklin
Heller, Jno., (Brass & Iron), 237 Wallabout
Royal Metal Furniture Co. (Brass & Iron), 170 7th
Star Brass & Iron Bed Co., (Brass & Iron), 13 Montauk av

Borough of Manhattan & Bronx

NEW YORK—Acme Bedding Co., (Iron), 163 W 19th
American Couch Co., (Brass & Iron), 63 Park Row
American Wire & Steel Bed Co., (Iron), 324 W 26th
Bronx Metal Bed Co., (Brass & Iron), 50 Orchard
Greater New York Spring & Folding Bed Co., (Iron), 358 Broome
Hoffman, Henry, (Iron), 105 Mott
Hospital Supply Co., (Iron), 228 4th av
Judd, H. L. Co., (Brass & Iron), 87 Chambers
Lein, Irvine & Co., (Iron), 332 E 23d
Manhattan Bedding Co., (Brass & Iron), 533 W 23d
Nadison Mfg. Co. (Brass), 54 Grove.
N. Y. Woven Wire Mattress Co. (Iron), 225 W. 28th
Ostermoor & Co., (Brass & Iron), 132 Bowery
Rogers, C. P. & Co., (Brass & Iron), 145 5th av
Schlesinger, W. & S. & Co., (Iron), 527 W 24th
Sussman, Harris, (Iron), 2369 2d av
ROME—Rome Metallic Bedstead Co., (Brass & Iron)
TRUXTON—Bryant Furniture Co., (Iron)
UTICA—Foster Bros. Mfg. Co., (Iron)
WAVERLY—Merriam, F. W., (Iron)

NORTH CAROLINA.

ALBEMARLE—Albemarle Furniture & Mfg. Co., (Iron)
WINSTON-SALEM—Forsyth Iron Bed Co., (Brass & Iron)

OHIO.

ASHLAND—Kauffman Mfg. Co., (Iron)
CINCINNATI—Newman-Kuhn Mfg. Co., (Brass & Iron), 1250 W 8th
CLEVELAND—Cleveland Brass & Iron Bedstead Co., (Brass & Iron), 152 Merwin
Forest City Bedstead Co., (Brass & Iron), Gordon av at L. S. & M. S. Ry
EATON—Ohio Iron & Brass Bed Co., (Brass & Iron)

PENNSYLVANIA.

ALLEGHENY—Gross & Hastings, (Brass & Iron)
HARRISBURG—Boll Bros. Mfg. Co., (Brass & Iron)
PHILADELPHIA—Bernstein Mfg. Co., (Brass & Iron), 3d & Westmorland
Bunting, J. R., (Iron), 219 S 2d
Dougherty, H. L. & Co., (Brass & Iron), 11 N 11th
Keystone Iron Furniture & Mfg Co., (Brass & Enameled), 21st & Allegheny av
McMahen, Wm. H. (Brass & Iron), 244 S. 2d
Quaker City Metallic Bedstead Co., (Brass), 16th & Washington av
Rawson Mfg. Co., (Brass), 21st & Glenwood av
Williams, Josiah G., (Brass), 13 N 11th
WILLIAMSPORT—Culler Furniture Co., (Iron)

RHODE ISLAND.

PROVIDENCE—Brady, Jas. W., (Iron), 244 Weybosset

VERMONT.

SOUTH SHAFTSBURG—Eagle Square Mfg. Co.

WASHINGTON.

TACOMA—Metal Bedstead Co., (Iron)

WISCONSIN.

MARSHFIELD—Marshfield Bedding Co., (Iron)
FOND-DU-LAC—Winnebago Furniture Mfg. Co., (Iron)
MILWAUKEE—Western Hardware & Mfg. Co., (Brass), Dover pl & Deer

Bell Cords & Couplings.

Hoffman-Corr Mfg. Co., 107 Duane & 16 Thomas, N. Y.; 413 Market, Phila., Pa.; 570 Loomis, Chicago, Ill., & 118 Bay, Toronto, Can; Factories, Phila., Pa., & Fitchburg, Mass.
SAMSON CORDAGE WORKS, 115 Congress, Boston, Mass. (See adv. index, end of book)
SILVER LAKE CO., 82 Chauncey, Boston, Mass. (See adv. index, end of book)

Bell Founders.

CALIFORNIA.

SAN FRANCISCO—Garratt, W. T. & Co., 138 Fremont
Globe Brass & Bell Foundry, 128 Main
Kingwell, Vincent, 228 Fremont

CONNECTICUT.

BRIDGEPORT—Wilmot & Hobbs Mfg. Co. (Gong, etc.)
BRISTOL—New Departure Mfg. Co. (Gong, etc.)
MERIDEN—Bradley & Hubbard Mfg. Co.

INDIANA.

INDIANAPOLIS—Wilson O. B. Mfg. Co., Barth av, cor Sanders

MARYLAND.

BALTIMORE—McShane, Henry Mfg. Co., 415 North
Regester, J. Sons Co., cor Halliday & Saratoga

MASSACHUSETTS.

BOSTON—Bay State Brass Foundry.

MICHIGAN.

NORTHVILLE—American Bell & Foundry Co. (Cast Steel)

MISSOURI.

ST. LOUIS—St. Louis Bell Foundry, 2836 S 3d
Stuckstede, Hy. Bell Foundry Co., 1312 S 2d

NEW JERSEY.

JERSEY CITY—Williams, E. A. & Son

NEW YORK.

NEW YORK—American Bell & Chime Co., 31 Burling Slp.
Meneely Bell Co., 177 B'way
Sweeney, J. & B., 3 Dutch
TROY—Meneely Bell Co., 22 River
WATERVLIET—Meneely & Co.

OHIO.

CINCINNATI—Cincinnati Bell Foundry Co., Spring Grove av & Township
Van Duzen, E. W. Co., 428 E 2d
HILLSBORO—Bell, C. S. Co. (Steel Alloy, Farm, etc.)

PENNSYLVANIA.

PHILADELPHIA—Mousley, Chas., 1241 Howard
PITTSBURG—Chaplin-Fulton Mfg. Co., 28 Penn av

RHODE ISLAND.

PROVIDENCE—Fuller, Frederic, 604 S Main

TENNESSEE.

CHATTANOOGA—Ross-Meehan Foundry Co.

Bee Keepers' Supplies.

Harshfield Mfg. Co., Marshfield, Wis.

Bell Ringers.

(See Locomotive Bell Ringers)

Bellows (Blacksmiths', Molders', Etc.)

Beggs, Jas. & Co., 109 Liberty, N. Y.
Brand, S. H. & Co., 99 W Monroe, Chicago
Bullock, F. H., Bellows Co. (Blacksmths, Moulders, etc.), 130 Columbus, Cleveland, O.
California Bellows Mfg. Co., 79 Federal, San Francisco, Cal.
Christen, F. & Sons, Dock & Main, St. Louis, Mo.
Cincinnati Plow & Bellows Works, 2025 Reading rd, Cincinnati, O.
Collins, Wm., New Albany, Ind.
Dobson, Wm. (Moulders), Canastota, N. Y.
Keese, Chas. H., 4 Gold, New York
Michales, J. Son & Co., 40 Commerce, N. Y.
OBERMAYER, S. CO. (Molders, etc.), 647 Evans, Cincinnati, O.; 18th & Rockwell, Chicago, Ill.; 35th & Charlotte, Pittsburg, Pa.; Roe bldg., St. Louis, Mo.; Majestic bldg., Detroit, Mich.; Cooper bldg., Denver, Colo.; Land Title bldg., Phila., Pa., & Mission St., San Francisco, Cal. (See adv. index, end of book)
Osborn Mfg. Co. (Molders, only), 1331 Hamilton, Cleveland, O.
Paro, Edw., 189 S Hoyne ave., Chicago
PAXSON, J. W. CO., 1021 N Delaware av, Phila., Pa. (See adv. index, end of book)
Scott, Geo. M., 436 Johnson, Chicago
Vought & Williams, 365 Greenwich, New York
Woodason, Thos. (Blacksmiths & Molders, etc.), 2900 D, Philadelphia, Pa.

Bellows (Brass & Wood)

JACKSON, WM. H. CO., 29 E. 17th (Union Square), N. Y. (See adv. index, end of book)

Bells (Automobile & Bicycle)

Edwards & Co., 407 E 144th, New York
Mossberg, Frank Co. (also Carriage), Attleboro, Mass.
Mossberg Wrench Co., Center Falls, R. I.
Star Bros. Bell Co., East Hampton, Conn.

Bells (Chime)

Durfee, Walter H. & Co. (Tubular), 151 Pond, Providence, R. I.
McShane, Henry Mfg. Co., 441 North, Baltimore, Md., & 81 Fulton, N. Y.
Meneely Bell Co., Troy, N. Y., & 177 B'way, New York
Meneely & Co., Watervliet & Troy, N. Y.
Ross-Meehan Foundry Co., Chattanooga, Tenn.
U. S. Tubular Bell Co. (Tubular), Methuen, Mass.
Van Duzen, E. W. Co., 428 E 2d, Cincinnati, O.

Bells (Church)

American Bell & Foundry Co., Northville, Mich.
Bell, C. S. Co., Hillsboro, O.
Bevin Bros. Mfg. Co., East Hampton, Conn.
Blymyer Iron Works Co., Spring Grove av, & Township, Cincinnati, O.
Chaplin-Fulton Mfg. Co., 28 Penn av, Pittsburg, Pa.
Cincinnati-Bell Foundry Co., Cincinnati, O.
Fuller Iron Works, 40 Tockwotton, Providence, R. I.
Garratt, W. T. & Co. (Inc.), 142 Fremont, San Francisco, Cal.
McShane, Henry Mfg. Co., 441 North, Baltimore, Md., & 81 Fulton, N. Y.
Meneely Bell Co., 22 River, Troy, N. Y., & 177 B'way, New York
Meneely & Co., Watervliet & Troy, N. Y.
Ross-Meehan Foundry Co., Chattanooga, Tenn.
Rumsey & Co., Ltd. (Inc.) (Steel), Seneca Falls, N. Y.
Stuckstede, Henry Bell Foundry Co., 1312 2d, St Louis, Mo.
U. S. Tubular Bell Co. (Tubular), Methuen, Mass.
Van Duzen, E. W. Co., 428 E 2d, Cincinnati, O.

Bells (Cow)

Blum Mfg. Co., Collinsville, Ill.
Bevin Bros. Mfg. Co., East Hampton, Conn.
East Hampton Bell Co., East Hampton, Conn.

Bells (Door)

Arcade Mfg. Co., Freeport, Ill.
Bevin Bros. Mfg. Co., East Hampton, Conn.
Hill, N. N. Brass Co., East Hampton, Conn.
Penn Hardware Co., Reading, Pa.
Star Bros. Bell Co. (Rotary & Trip), East Hampton, Conn.

Bells (Electric)

Ansonia Electrical Co., Ansonia, Conn.
Boston Electric Co., 29 Harrison av, Boston, Mass.
Bunnell, J. H. & Co., 20 Park pl, New York
Cory, Chas. & Son (Call), 278 Division, N. Y
Electric Gas Lighting Co., 115 Purchase, Boston
Electrical Appliance Co. ("Queen"), 528 Walnut, Cincinnati, O.
Edwards & Co., 407 E 144th, New York
Holtzer-Cabot Electric Co., Brookline, Mass.
Keil, Francis & Son, 667 E 163rd, New York.
Liberty Bell Co., Bristol, Conn.
Manhattan Electrical Supply Co., 32 Cortlandt, N. Y.
Marvel Patents Co. (Call), 189 Montague, Brooklyn, N. Y.
Ostrander, W. R. & Co., 22 Dey, New York
Partrick, Carter & Wilkins, 1231 Callowhill, Philadelphia, Pa.
Pearce, Fredk., 18 Rose, New York
Proctor-Raymond Mfg. Co., Detroit, Mich.
Reading Hardware Co. (Ring & Rotary Door), Reading, Pa.
Spies & Co. (The Bug Proof), 87 W Van Buren, Chicago, Ill.
Stanley & Patterson (Faraday Iron Box), 40 Cortlandt, New York
Starr Bros. Bell Co., East Hampton, Conn.
Viaduct Mfg. Co., 10 S Howard, Baltimore, Md.
Wernersville Electric Bell Co., Wernersville, Pa.
Western Electric Co., 259 S Clinton, Chicago, & 57 Bethune, New York
Williams, E. G. Electric Works, 145 Quincy, Cleveland, O.

Bells (Engine)

Bevin Bros. Mfg. Co., East Hampton, Conn.
Bird Brass Works, Ft. Worth, Tex.
Cory, Chas. & Son, 278 Division, N. Y.
Regester's, J. Sons Co., 49 W Holliday, Baltimore, Md.
Rumsey & Co., Ltd. (Inc.), Seneca Falls, N. Y.
Starr Bros. Bell Co., East Hampton, Conn.
Van Duzen, E. W. Co., 428 E. 2d, Cincinnati, O.
Williams, E. A. & Son, 105 Plymouth, Jersey City, N. J.

Bells (Extension Ringing)

(See also Bells, Telephone.)

Garton-Daniels Co. (For Telephone Circuits), Keokuk, Ia.
Wotton Electric & Mfg. Co. (For Telephone Circuits), 52 Greenwood av, Atlanta, Ga.

Bells (Farm)

Bell, C. S. Co., Hillsboro, O.
Comstock, Geo. S., Mechanicsburg, Pa.
Lehr, Agricultural Co., Fremont, O.
Messinger Mfg. Co., Tatamy, Pa.
Rumsey & Co., Ltd. (Inc.), Seneca Falls, N. Y.

Bells (Highway Crossing)

Three Rivers Railway Supply Co., Three Rivers, Mich.

Bells (House)

Hill, N. N. Brass Co., East Hampton, Conn.
Reading Hardware Co., Reading, Pa., 96 Reade, N. Y., Phila., Pa., & Chicago, Ill.
Russell & Erwin Mfg. Co., New Britain, Conn.
Star Bros. Bell Co., East Hampton, Conn.

Bells (Magneto)

(See Bells, Telephone)

Bells (School, Fire & Factory)

(See Bells—Church.)

Bells (Sleigh)

Bevin Bros. Mfg. Co., East Hampton, Conn.
Hill, N. N. Brass Co., East Hampton, Conn.
Starr Bros. Bell Co., East Hampton, Conn.

Bells (Telephone)

Acme Electric Co., 194 S Clinton, Chicago
American Electric Telephone Co., 36 W Jackson boul., Chicago
Augusta Electric Co. (W. S. Tobie, Propt.), (Extension), Augusta, Ill.
Bevin Bros. Mfg. Co., East Hampton, Conn.
Bridgeport Brass Co. (Magneto), Bridgeport, Conn., & 19 Murray, N. Y.
Chicago Telephone Supply Co., Elkhart, Ind.
Connecticut Telephone & Electric Co., Meriden, Conn.
Farr Telephone & Construction Supply Co., 118 W Jackson boul, Chicago
International Telephone Mfg. Co., cor Harrison & Clinton, Chicago
Holtzer-Cabot Electric Co., Brookline, Mass.
Ladd, W. C., Bristol, Conn.
Manhattan Electrical Supply Co., 32 Cortlandt, N. Y.
Menominee Electric Mfg. Co., Menominee, Mich.
North Electric Co., 157 St. Clair, Cleveland, O.
Partrick, Carter & Wilkins, 1231 Callowhill, Phila., Pa.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Rhode Island Telephone & Electric Co., Providence, R. I.
Sumpter Telephone Mfg. Co., Sumpter, S. C.
Telephone Mfg. Co., Sumpter, S. C.
Utica Fire Alarm Telegraph Co., Utica, N. Y.
Viaduct Mfg. Co., 10 S Howard, Baltimore, Md.
Western Telephone Construction Co., 75 W Jackson boul., Chicago
Williams-Abbott Electric Co., 12 Columbus, Cleveland, O.
Wilhelm Telephone Mfg. Co., 41 N Division, Buffalo, N. Y.
Williams, E. G. Electric Works, 145 Quincy, Cleveland, O.

Bells (Tubular)

United States Tubular Bell Co., Methuen, Mass.

Bells & Gongs (Car, Etc.)

Adams & Westlake Co., Ontario, cor N Franklin, Chicago, Ill., 2042 N 10th, Phila., Pa., & 26 Cortlandt, New York.
American Tube & Stamping Co., Bridgeport, Conn.
Bevin Bros. Mfg. Co., East Hampton, Conn.
Brill, J. G. Co., 62d & Woodland av, Phila., Pa.
Cheswick Mfg. Co. (Foot Gongs, etc.), Cheswick, Pa.
Dayton Mfg. Co., Dayton, O.
Edwards & Co., 407 E 144th, N. Y.
Gong Bell. Co., East Hampton, Conn.
Mayer & Englund Co., 1024 Filbert, Phila., Pa.
Ohio Brass Co., Mansfield, O.
Peck, Stow & Wilcox Co., Southington, Conn., & 27 Murray, N. Y.
Pleuger & Henger Mfg. Co., 11th & Hebert, St. Louis, Mo.
PRESSED STEEL TANK CO. (Pressed Steel), 720 Hanover, Milwaukee, Wis. (See adv. index, end of book)
Ross-Meehan Foundry Co., Chattanooga, Tenn.
Russell & Erwin Mfg. Co., New Britain, Conn., & 43 Chambers, N. Y.
Starr Bros. Bell Co., East Hampton, Conn.
Vanduzen, E. W. Co. (Trip), 428 E. 2d, Cincinnati, O.
Wall, P. Mfg. Supply Co., 718 Preble, Allegheny, Pa.
Williams, E. A. & Son, 105 Plymouth, Jersey City, N. J.

Bells & Gongs (Unmounted)

American Tube & Stamping Co., Bridgeport, Conn.
Bevin Bros. Mfg. Co., East Hampton, Conn.
Bridgeport Brass Co., Bridgeport, Conn., & 19 Murray, N. Y.
East Hampton Bell Co., East Hampton, Conn.
New Departure Mfg. Co., Bristol, Conn.
Pleuger & Henger Mfg. Co., 11th & Herbery, St. Louis, Mo.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Russell & Erwin Mfg. Co., New Britain, Conn. & 43 Chambers, N. Y.
Waterbury Mfg. Co., Waterbury, Conn.

Belt Awls & Reamers

Billings & Spencer Co. (drop forged), Hartford, Conn.
Kraeuter & Co., 577 18th av, Newark, N. J.

Belt Cement.

Akron Belting Co., Akron, O.
Bradford Belting Co., 38 Dey, N. Y., & 2d & Walnut, Cincinnati, O.
Jewell Belting Co., Hartford, Conn.; 175 Lake, Chicago, & Minneapolis, Minn.
Page Belting Co., Concord, N. H., & 31 Pearl, Boston
Pittsburg Rubber & Leather Co., 10 Wood, Pittsburg, Pa.
Russia Cement Co., Gloucester, Mass.
Schieren, Chas. A. & Co., 47 Ferry, N. Y., 226 N 3d, Phila., Pa., 186 Lincoln, Boston, Mass., Chicago, Ill., Pittsburg, Pa., & Denver, Colo.
Shultz Belting Co., 402 Barton, St. Louis, Mo., 114 High, Boston, Mass., 116 N 3d, Phila., Pa., & 113 Liebrty, New York

Belt Dressing

Akron Belting Co. ("Electric"), Akron, O.
AMERICAN BELTING CO., Youngstown, O. (See adv. index, end of book)
American Oil Co., Providence, R. I.
Atkins & Pearce Mfg. Co., 5th & Eggleston av, Cincinnati, O.
Barnum Bros. Co., Troy, N. Y.
Belden, A. G. & Co. (pycnolum), 145 Maiden lane, N. Y.
Beltine Mfg. Co., 55 W Jackson boul., Chicago
Bradford Belting Co., 38 Dey, N. Y., & 2d & Walnut, Cincinnati, O.
Buffalo Specialty Mfg. Co. ("Electric Success"), 375 Ellicott, Buffalo, N. Y.
Callahan, Geo. & Co., 218 Front, N. Y.
Carbono Specialty Mfg. Co., 1913 Lexington av, New York
CARPENTER, GEO. B. & CO., 202 S. Water, Chicago, Ill. (See adv. index, end of book)
Carton Belting Co., Boston, Mass.
Chesapeake Belting Co. ("Star"), Baltimore, Md.
Chicago Belting Co., 67 S Canal, Chicago, Ill.
Cling-Surface Mfg. Co., 146 Virginia, Buffalo, N. Y.
Cowles & Co., 231 Fulton, N. Y.
Delaney Oil & Lubricant Co., 45 3d, Milwaukee, Wis.
Diana Oil Works, Cleveland, O.
Dixon, Jos. Crucible Co., Jersey City, N. J.; 68 Reade, N. Y.; 1020 Arch, Phila., Pa., & 304 Market, San Francisco, Cal.
Eagle Oil & Supply Co. (Hold Fast), 104 Broad, Boston
Estweiler, Wm. (Electric), 230 N 3d, Phila., Pa.
Fay Belting Co., 3 Jacob, N. Y.
Franklin Co., Lincoln, N. J.
Gallaway, G. W., 322 Pearl, N. Y.
Gandy Belting Co. ("Gandy"), Baltimore, Md.
Garlock Packing Co. ("Garlock"), Palmyra, New York
Garnet Belt Dressing Co. (Liquid & Bar), Allentown, Pa.
Gold, Walter C. (The Page), 235 Race, Phila., Pa.
Hayden, J. M. & Co., Grand Rapids, Mich.
Houghton, E. F. & Co. (The "Vim," Adhesive), 240 W Somerset, Phila., Pa.
Hudson Belting Co., Worcester, Mass.
Imperial Leather Preserver Mfg. Co., 212 S 3d, Phila., Pa.
Ironsides Co., The Wyandotte, Columbus, O.
Jewell Belting Co., Hartford, Conn.; 175 Lake, Chicago, & Minneapolis, Minn.
Kahn's Belt Dressing Co., 103 Gold, New York
Keystone Lubricating Co. ("Keystone," Grease), 20th & Allegheny av, Phila., Pa.
Kidder Supply Co., 29 Pearl, Boston
Leather Preserver Mfg. Corp., 27 W Monroe, Chicago
Little, O. C., Pulley Coating Co. (Softener and Preserver for Rubber & Canvas Belts), Menasha, Wis.
Loeb Bros, 29 Ferry, N. Y.
New York Mfg. Co., 16 Catherine Slip, New York
Page Belting Co. ("Crown," for Leather Belts), Concord, N. H., & 31 Pearl, Boston, Mass.
Palmer, N. & Co. ("Charter Oak"), Bridgeport, Conn.
Peerless Lubricant Mfg. Co., Cincinnati, O.
Pittsburg Rubber & Leather Co., 10 Wood, Pittsburg, Pa.
Plomo Specialty Mfg. Co., Cleveland, O.
Post, E. L. & Co., 50 Cliff, N. Y.
Providence Oil Works, Providence, R. I.
Rhoads J. E. & Son, 239 Market, Phila., Pa.
ROSSENDALE - REDDAWAY BELTing & Hose Co. ("Camel"), Main Office & Works, Newark, N. J. Sales Offices 105 Summer, Boston, Mass.; 11 S Canal, Chicago, & 26 E. Lacock, Allegheny, Pa. (See adv. inex, end of book)
Sawyer Belting Co. (For Leather or Canvas), E Cambridge, Mass
Schieren, Chas. A. & Co. (Leatherine), 45 Ferry, N. Y., 226 N 3d, Phila., Pa., 186 Lincoln, Boston, Mass., Chicago, Ill., Pittsburg, Pa., & Denver, Colo.
Shultz Belting Co., 402 Barton, St. Louis, Mo. 114 High, Boston, Mass., 116 N 3d, Phila., Pa., & 113 Liberty, New York
Southwick, Geo. W. Co. (Inc.) (Polar), 149 Centre, N. Y.
Stephenson Mfg. Co. (Bar), Albany, N. Y.
Tallamanic Co., North Tonawanda, N. Y.
Tolsma, R. B. & Co., Seattle, Wash.
Viscol Co., 1st, E Cambridge, Boston, Mass.
Waterproof Paint Co., Watertown, Mass.
White & Bagley Co. (Neverslip), Worcester, Mass.
WHITMAN & BARNES MFG. CO., Akron, O.; 111 Chambers, N. Y., & West Pullman, Chicago, Ill. (See adv. index, end of book)
Wilhelm, A. Co., Reading, Pa.
Winn, Wm. R. ("Winn"), 143 Maiden Lane, New York
Wolff, Norbert & Son, 470 Gdeenwich, New York
World Refining Co., Easton, Pa.
Zircon Mfg. Co., North Tonawanda, N. Y.

Belt Fasteners

Angell Belt Hook Co. ("The Wilson" Hooks), Providence, R. I.
Billings & Spencer Co. (the Davis), Hartford, Conn.

Boston Woven Hose & Rubber Co. Executive Office & Factory, Cambridgeport, Mass. Stores, 116 Duane, New York; 185 Lake, Chicago, Ill.; 26 S Water, Cleveland, O.; 14 Fremont, San Francisco, Cal, & 170 Summer, Boston, Mass.
Bristol Co., Waterbury, Conn., & 114 Liberty, N. Y.
Buffalo Belting Works, 139 Wash, Buffalo, N. Y.
Buffalo Specialty Mfg. Co. ("Buffalo"), 375 Ellicott, Buffalo, N. Y.
Champion Belt Hook Co., 126 Liberty, N. Y.
Chase Co., Lancaster, Pa.
Covel Mfg. Co. ("Covel"), 8 S Canal, Chicago, Ill.
Crown Woven Wire Brush Co. (for Round & Sewing Machine Belts), Salem, Mass.
Columbia Novelty Mfg. Co., 1431 N 8th St. Louis, O.
Curtis & Co. Mfg. Co. ("L. X," Improved), 42 S Canal, Chicago
Green, Tweed & Co. ("The Jones"), 17 Murray, N. Y.
Hayden, J. M. & Co. (Wire), Grand Rapids, Mich.
Jewell Belting Co., Hartford, Conn.; 175 Lake, Chicago, Ill., & Minneapolis, Minn.
Kenehan Steel Belt Fastener Co., 307 Arcade, Cleveland, O.
Kerr & Co. (Metallic), 171 B'way, N. Y.
Pease Mfg. Co. ("Miller"), 1347 Reno, Phila., Pa.
Pratt, Wm. E. Mfg. Co. ("The Chicago Wire"), 91 Lake, Chicago
ROSSENDALE - REDDAWAY BELTing-Hose Co. ("Jackson's"), Newark, N. J. (See adv. index, end of book)
Southwick, Geo. W. Co. (Inc.), 149 Centre, N. Y.
Star Mfg. Co., Greenwich, Conn.
STRONG, CARLISLE & HAMMOND Co. (The "Buffalo"), 61 Frankfort, Cleveland, O. (See adv. index, end of book)
Talcott, W. O. ("Wilson's" & Combination Clinching & "Acme"), Providence, R. I.
Thacher Belting Hook Co., 245 Crawford rd, Cleveland, O.
Upson Nut Co., Unionville, Conn., & Cleveland, O.
Wall, P. Mfg. Co., Allegheny, Pa.

Belt Filling

Garnet Belt Dressing Co. (and Preserver), Allentown, Pa.
Hendee Wire Brush Co., 319 Milwaukee, Milwaukee, Wis.
Peerless Lubricant Mfg. Co., 107 Liberty, N. Y.

Belt Holders

Phelps Bros. & Co. ("The Wellington"), Wellington, O.

Belt Hooks

(See Belt Fasteners)

Belt Lacing

Akron Belting Co. ("Wire & Rawhide"), Akron, O.
Allen, W. D. Mfg. Co. (McCauley Wire), 151 Lake, Chicago
AMERICAN BELTING CO., Youngstown, O. (See adv. index, end of book)
Anstedt, C. Leather Co., 552 Comerce, Milwaukee, Wis.
Bay State Belting Co. (Leather), 119 Franklin, Boston
Boston Woven Hose & Rubber Co. (Wire or Leather). Executive Office & Factory, Cambridgeport, Mass. Stores, 116 Duane, New York; 185 Lake, Chicago, Ill.; Cleveland, O.; San Francisco, Cal, & Boston, Mass.
Bristol Co. (Steel), Waterbury, Conn., & 114 Liberty, N. Y.
Burgess, A. & Son (Leather), Providence, R. I.
Brown Bros. Co., 62 Ex. pl., Providence, R. I.
Chicago Raw Hide Mfg. Co. (Rawhide), 75 E Ohio, Chicago, & 139 Congress, Boston, Mass.
Columbia Novelty Mfg. Co. ("Star" Steel), St. Louis, Mo.
Coupe, Wm. & Co. ("Excelsior" Raw Hide), South Attleboro, Mass.
Curtis & Co., Mfg. Co. ("L X" Wire), 42 S Canal, Chicago, Ill.
Dempwolf, Chas., Jr., Paterson, N. J.
Graton & Knight Mfg. Co., Worcester, Mass., 54 S Canal, Chicago, Atlanta, Ga., 132 N 3d, Phila., Pa., 40 Dey, N. Y., & Portland, Oregon
Hartmann Hide & Leather Co., 1905 Shenandoah av, St. Louis, Mo.
Hayden, J. M. & Co. (Wire), Grand Rapids, Mich.
Hercules Mfg. Co., 69 Dearborn, Chicago
Jewell Belting Co. (Metallic Tipped), Hartford, Conn.; 175 Lake, Chicago, & Minneapolis, Minn.
Kayser & Nies Raw Hide Co. (Leather), 3918 N B'way, St. Louis, Mo.
Kelton & Bruce Mfg. Co. (Rawhide), Salem, Mass.
Kerr & Co. (Metallic), 171 B'way, N. Y.
Loeb Bros., 29 Ferry, N. Y.
Malin & Co. (Composition Wire), 34 Long, Cleveland, O.
Missouri Belting Co. ("Giant" Rawhide), St. Louis, Mo.
New York Leather Belting Co. (Leather), 8 Ferry, N. Y., & 20 S Canal, Chicago
Norwich Belt Mfg. Co. (Leather), Norwich, Conn.
Page Belting Co. ("Hercules"), Concord, N. H., & 31 Pearl, Boston, Mass
Schieren, Chas. & Co., 45 Ferry, N. Y., 226 N 3d, Phila., Pa., 186 Lincoln, Boston, Mass., Chicago, Ill., Pittsburg, Pa., & Denver, Colo.
Shultz Belting Co. (Leather), 402 Barton, St. Louis, Mo., Boston, Mass, Phila., Pa., & 113 Liberty, N. Y.
Southwick, Geo. W. Co. (Inc.) (Wire), 149 Centre, N. Y.
Summer, Wm. Belting Co. (Leather), Tolland, Conn.
Upson Nut Co. (Metallic), Unionville, Conn., & Cleveland, O.
Weatherhead, Thompson & Co. (Rawhide), Pawtucket, R. I.
WHITMAN & BARNES MFG. CO. (Rawhide), Akron, O.; 111 Chambers, N. Y., & West Pullman, Chicago, Ill. (See adv. index, end of book)
Williams, I. B. & Sons, Dover, N. H., & 17 W Lake, Chicago

Belt Lacing Machines

(See Machinery.)

Belt Shifters

Brown, A. & F. Co., 26 Cortlandt & Works, Elizabeth, N. J.
Builders' Iron Foundry, Providence, R. I.
Cresson, Geo. V. Co., Allegheny av, W of 17th, Phila., Pa., & 141 Liberty, N. Y.
Falls Rivet & Machine Co., Cuyahoga Falls, O., & 208 Fulton, N. Y.
Foster Engineering Co., Newark, N. J.
Mason Regulator Co., 158 Summer, Boston, Mass.
Pratt & Whitney Co., Hartford, Conn.

Belt Stretching Machines

Granger Foundry & Machine Co., Providence, R. I.
Holmes Chas. Machine Co., 299 Marginal E. B. Boston

Belt Studs

Buffalo Specialty Co. ("Twist Brand," Cold Rolled Steel), Buffalo, N. Y.

Belt Tighteners

Adams Company, Dubuque, Ia.
Allis-Chalmers Co., office, Home Ins. bldg, Chicago. Works, Chicago, Milwaukee, & Scranton, Pa.
AMERICAN TOOL & MACHINE CO., 109 Beach, Boston, Mass.
Barnard & Leas Mfg. Co., Moline, Ill.
Billings & Spencer Co., Hartford, Conn.
Brown, A. & F. Co., 26 Cortlandt, N. Y. Works, Elizabeth, N. J.
Burlingame A., Co., Worcester, Mass.
Cresson, Geo. V. Co., Allegheny av, W of 17th, Phila., Pa., & 141 Liberty, N. Y.
Davis, F. M. Iron Works Co., 8th & Larimer, Denver, Colo.
Diamond Iron Works, Minneapolis, Minn.
Dodge Mfg. Co., Mishawaka, Ind.; 41 Dey, N. Y.; 168 S Clinton, Chicago; 137 Purchase, Boston, Mass., & 128 W 3d, Cincinnati, O.
Fairmount Machine Co., 22d & Wood, Phila., Pa.
Falls Rivet & Machine Co., Cuyahoga Falls, O.; Boston, Mass., & 208 Fulton, N. Y.
FILER & STOWELL CO., Becher & Ziemer sts., Milwaukee, Wis. (See adv. index, end of book)
Goodell-Pratt Co. ("Farley's"), Greenfield, Mass.
Great Western Mfg. Co., Leavenworth, Kan.
Hill Clutch Co., ft Waverly av, Cleveland, O.
Hoggson & Pettis Mfg. Co., New Haven, Conn.
Hunt, Rodney Machine Co., Orange, Mass.
Jones & Laughlins Steel Co., Pittsburg, Pa.
Lane Mfg. Co., Montpelier, Vt.
Lane & Bodley Co., John & Water, Cincinnati, O.
Link Belt Engineering Co., Nicetown, Phila., Pa., & 49 Dey, N. Y.
Link Belt Machinery Co., W 39th & Stewart av, Chicago
Marseilles Mfg. Co., Marseilles, Ill.
Medart Patent Pulley Co. (Various Kinds), 3500 DeKalb, St. Louis, Mo.
Midland Foundry & Machine Works Co., Denver, Colo.
MINNEAPOLIS STEEL & MACHINery Co., Minneapolis, Minn. (See adv. index, end of book)
Nordyke & Marmon Co., 1101 Morris, Indianapolis, Ind.
Plamondon, A. Mfg. Co., 57 S Clinton, Chicago, Ill.
Poole, Robt. & Son Co., 233 E German, Baltimore, Md.
Richmond City Mill Works, Richmond, Ind.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.
Union Iron Works, 222 Market, San Francisco, Cal.
U. S. Machine Co., Williamsport, Pa.
Woods, T. B. Sons, Chambersburg, Pa.

Belt Webbing

Buffalo Weaving & Belting Co., Buffalo, N. Y.

Belting Mfrs.

NOTE.—The various kinds of Belting manufactured by the firms listed under this heading are indicated in the parentheses following their names.
(For Dealers in Belting see Mill & Factory Supplies.)

CALIFORNIA.

SAN FRANCISCO—Boston Woven Hose & Rubber Co., of Cambridgeport, Mass. ("Perfection" Rubber Belting Constructed of Fine Closely Woven Duck), 14 Fremont
Bowers Rubber Co. (Rubber), 42 Sacramento
California Belting & Supply Co. (Leather), 119 Mission
Cook, H. N. Belting Co. (Leather), 124 Fremont
Degen, L. P. Belting Co., 105 Mission
Goodyear Rubber Co. (of New York City), 573 Market
Graton & Knight Mfg. Co., 459 Mission
Gutta Percha & Rubber Mfg. Co., (of New York City), 32 Fremont
Heins, Alex. Belting Co., 87 Fremont
Pioneer Belting Co., 850 Division
Revere Rubber Co., (of Boston Mass.), 16 Fremont

CONNECTICUT.

BRIDGEPORT—Palmer, N. & Co. ("Charter Oak," Short Lap Leather)
HARTFORD—Jewell Belting Co. (Leather), 15 Trumbull
Tryon Mfg. Co., 213 Barbour
MIDDLETOWN—Russell Mfg. Co. (Solid Cotton)
NEW HAVEN—Coe & Brown (Leather), 204 George
NORWICH—Norwich Belt Mfg. Co. (Leather)
Ulmer Leather Co. (Leather)
TOLLAND—Sumner, Wm. Belting Co. (Patent Cotton Leather Belting, Watch Twist, Angular or V, Round Solid, Plain Cotton & Round Twist)

DELAWARE.

WILMINGTON—McComb, Thos. (Leather), 9 S Broad
Rhoades, J. E. & Sons (Leather), 3d & Orange

GEORGIA.

ATLANTA—Graton & Knght Mfg. Co. (of Worcester, Mass.), 93 S Forsyth
Southern Belting Co. (Leather), 40 S Forsyth

ILLINOIS.

CHICAGO—Allen, W. D. Mfg. Co. (Leather, Rubber, etc.), 151 Lake
Boston Belting Co., 109 Madison
Boston Woven Hose & Rubber Co. (of Cambridgeport, Mass.) ("Perfection" Rubber Belting Constructed of Fine Closely Woven Duck), 185 Lake
Bradford Belting Co. (of Cincinnati, O.), 19 S. Canal
CARPENTER, GEO. B. & Co., 202 S Water. (See adv. index, end of book)
Chicago Belting Co. (Leather), 67 S Canal
Chicago Rawhide Mfg. Co. (Rawhide), 75 E Ohio
Clark Belting & Supply Co., 198 S Canal
Diamond Rubber Co., (of Akron, O.), 169 Lake
Ewart Mfg. Co., Monadnock blk.
Fayerweather & Ladew (of New York City), 135 Lake
Goodrich, B. F. Co. (of Akron, O.), 141 Lake
Goodyear Rubber Co., 107 Lake
Graton & Knight Mfg. Co. (of Worcester, Mass.), 52 S Canal
Gutta Percha & Rubber Mfg. Co. (of New York City), 96 Lake
Hamilton Rubber Mfg. Co. (of Trenton, N. J.), 161 Lake
Hartford Rubber Works Co., (of Hartford, Conn.), 136 Lake
Hercules Mfg. Co., 69 Dearborn
Home Rubber Co. (of Trenton, N. J.), 17 Lasalle
Jewell Belting Co. (of Hartford, Conn.), 175 Lake
Lynch, Edw. & Co. (Leather), 19 S Canal
Lyon, Sam'l & Son (Oak Tanned), 8 N Canal.
Mack, Frank P., 31 S Canal
Main Belting Co. (of Phila., Pa.), 55 Market
Manhattan Rubber Mfg. Co. (Rubber), 103 Lake
Mechanical Rubber Co. (Rubber), 230 Randolph
Moloney-Bennett Belting Co. (Leather), 34 S Canal
Munson, Chas. Belting Co., 38 S Canal
New York Belting & Packing Co. (of New York City), 150 Lake
New York Leather Belting Co. (of New York City), 20 S Canal
Norwich Belt Mfg. Co. (of Norwich, Conn.). 33 N Canal
Nott, W. S. & Co., 68 S Canal
Page Belting Co. (of Concord, N. H.), 184 Wash'n
Revere Rubber Co. (of Boston, Mass.), 168 Lake
ROSSENDALE-REDDAWAY BELTing & Hose Co. ("Sphinx" and other Brands, Stitched Canvass & The "Camel's Hair Brand"), 11 S Canal. (See adv. index, end of book)
Schieren, Chas. A. & Co. (of New York City), 84 Franklin.
Sumner, Wm. Belting Co. (of Tolland, Conn.), 31 S Canal
Thomas Belting Co. (Leather), 46 S Clinton
Tuttle, Henry W., 153 S Desplaines
WHITMAN & BARNES MFG. CO. ("Broncho & Hontas" Rubber). W. B. Short Lap & Standard Pure Oak Tanned Leather & Stitched Canvass), West Pullman, Ill. (See adv. index, end of book)
Williams, I. B. & Sons, (of Dover, N. H.), (Leather), 17 W Lake
Woodcock Bros., 34 N Canal

INDIANA.

EVANSVILLE—Evansville Leather Belting Co. (Leather)
INDIANAPOLIS—Hide, Leather & Belting Co., 227 S Meridan

LOUISIANA.

NEW ORLEANS—Chicago Belting Co., (of Chicago), 406 Carondelet
Gibbens & Stream, 213 Canal
Menge, J. H. & Sons, 400 Common
Moloney-Bennett Belting Co. (of Chicago), 726 Gravier
Revere Rubber Co. (of Boston, Mass.), 410 Carondelet
Whitney Supply Co., 200 S Peters, (Ltd.) (Leather)
Woodward, Wight & Co., 406 Canal

MAINE.

SACO—Beatty, Jason, W. & Co.

MARYLAND.

BALTIMORE—Baltimore Belting Co. (Leather). 6 E Lombard
Baltimore Rubber Co. (Rubber), 41 S Liberty
Carey Machinery & Supply Co., 26 Light
Chesapeake Belting Co. (Stitched Canvas), 823 McKim
Gandy Belting Co. (Sewed Cotton Duck)
Whitehurst Belting Co. (Cotton Duck sewed), Columbia av & B. & O. R. R.

MASSACHUSETTS.

BOSTON—**BARNES, HENRY K.** (Oak & Mineral Tanned Leather, Steam & Water Proof), 104 Franklin. (See insert opp. next page)
Beach & Treiber Co. (Imported "Scandinava" Cotton), 372 Atlantic av.
Boston Belting Co. (Rubber, Stitched, Gutta Percha, "Forsyth" Patent, Conveyor, Elevator, Endless, Red Frictioned, etc.), 256 Devonshire
Boston Woven Hose & Rubber Co., (of Cambridgeport, Mass.) ("Perfection" Rubber Belting Constructed of Fine Closely Woven Wire), 170 Summer
Carton Belting Co. (Stitched Canvas), 52 Everett, Alls.
Chicago Rawhide Mfg. Co. (Rawhide), 139 Congress
Fayerweather & Ladew (of New York City), 228 Franklin
Globe Leather Belting Co. (Leather), 151 Pearl
Gutta Percha & Rubber Mfg. Co. (of New York City), 71 Pearl
Hunt, Henry C. Co. (Leather), 32 Oliver
Ireson, C. L. (Leather), 148 High
Knowlton, Geo. W. Rubber Co., 33 Broad
Main Belting Co. (of Phila., Pa.), 120 Pearl
National Belting Co., 85 Water
Page Belting Co. (of Concord, N. H.), 31 Pearl
Revere Rubber Co. (Giant, Seamless & Stitched Rubber), 77 Bedford
ROSSENDALE-REDDAWAY BELTing & Hose Co. ("Sphinx" & Other Brands, Stitched Canvas & The "Camel's" Hair Brand), 105 Summer
Ruboil Belting Co., 179 Summer
Schieren, Chas. A. & Co., (of New York City), 186 Lincoln
Shultz Belting Co. (of St. Louis, Mo.) (Rawhide & Woven Leather Link), 114 High
Shackley, W. T. & Son, 49 High
Stevens, E. E. & Co. (Leather), 134 Congress
Supple, Francis, 330 Atlantic av
Union Belt Co., 139 Congress
Williams, I. B. & Sons, 143 Federal
CAMBRIDGEPORT—Boston Woven Hose & Rubber Co. ("Perfection" Rubber Belting Constructed of Fine Closely Woven Duck)
Sawyer Belting Co. (Canvas)
FALL RIVER—Union Belt Co. (Oak Tanned), 66 Troy
LAWRENCE—McLanathan, F. W. (Leather)
LOWELL—Whiting, Henry F. (Leather)
SALEM—Kelton & Bruce Mfg. Co. (Indian Tan)
SOUTH ATTLEBORO—Coupe, Wm. & Co. ("Excelsior," Raw Hide)
WORCESTER—Graton & Knight Mfg. Co. (Oak Tanned Leather)
Hudson Belting Co. (Leather), 3 Eaton pl
Warren, J. F. & W. H. Co. (Oak Tanned), 44 Vine

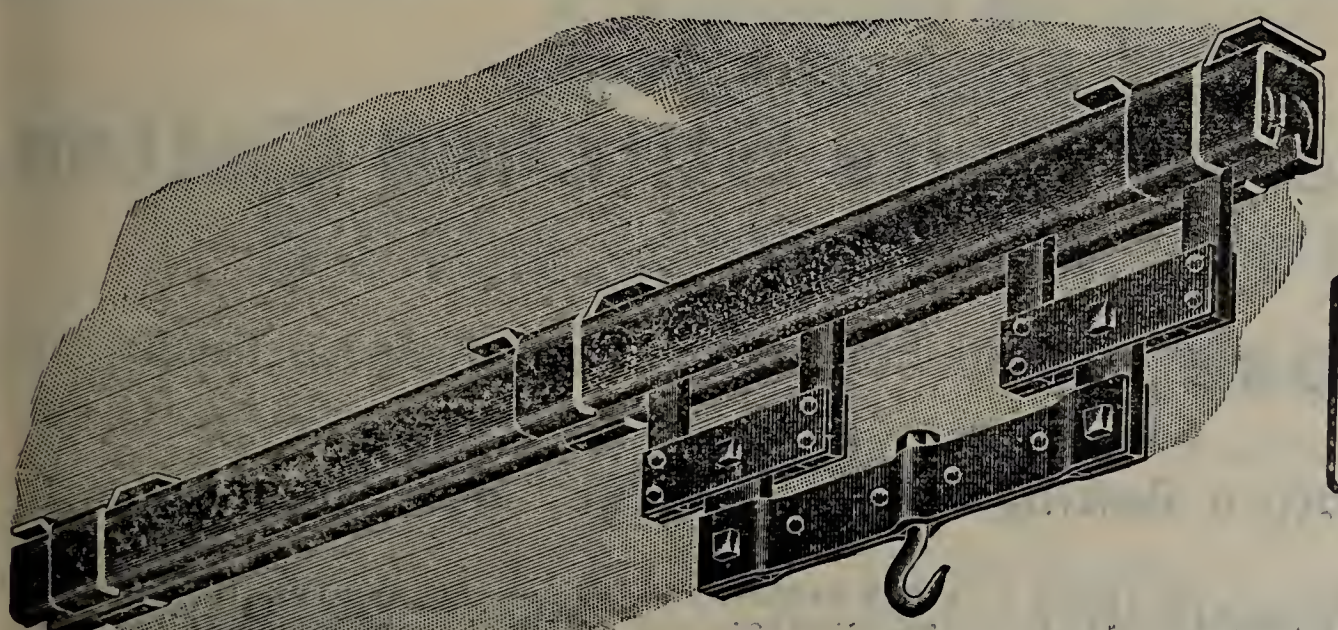
MICHIGAN.

DETROIT—Climax Oak Belting Co., 11 Atwater, E.
Detroit Oak Belting Co. (Oak Tanned, Short Lap), 262 Wight
Wolverine Belt Co., 32 Farrar
Wormer, C. C. Machinery Co., 97 Woodbridge W.
GRAND RAPIDS—Raniville, Felix, 3 Pearl
Studley & Barclay (Oak Tanned Short Lap) 66 Pearl
NILES—National Rawhide & Belting Co. (Rawhide)

MINNESOTA.

MINNEAPOLIS—Nott, W. S. Co. (Oak Tanned Leather), 200 S 1st av
Sikes, S. R. Co. (Leather), 915 Wash'n av, S.
ST. PAUL—Goodyear Rubber Co. (of New York City)

RICHARDS TROLLEY OVERHEAD CARRIERS



MFG. Co. TRADE MARK.

RICHARDS BARN DOOR HANGERS
RICHARDS FIRE DOOR HANGERS
RICHARDS PARLOR DOOR HANGERS
RICHARDS TROLLEY GOODS

THE RICHARDS MFG. CO., Aurora, Ills.

MISSOURI.

KANSAS CITY—Goodyear Rubber Co. (of New York City), 1019 Main
Whitman & Barnes Mfg. Co. (of Akron, O.) ("Broncho & Hontas," Rubber), 1324 W 11th
ST. LOUIS—Hartmann Hide & Leather Co. (Leather), 1905 Shenandoah av
Missouri Belting Co. ("Giant" Rawhide & Oak Tanned Leather), 120 S Commercial
Monarch Rubber Co., 1009 Wash av
Shultz Belting Co. (Raw Hide & Woven Leather Link), 402 Barton
Spring Belting Co. (Leather), 715 N 2d

NEW HAMPSHIRE.

CONCORD—Page Belting Co. (Leather)
DOVER—Williams, I. B. & Sons (Leather)
MANCHESTER—Hobbs, Alfred K. (Short Lap Oak Tanned)

NEW JERSEY.

JERSEY CITY—Eureka Fire Hose Co. (Cotton Machine)
N. J. Car Spring & Rubber Co. (Quilt Stitched), Wayne cor Brunswick
Voorhees Rubber Mfg. Co. (Nubian Rubber, etc.), 18 Bostwick av
NEWARK — **ROSSENDALE - REDDAway** Belting & Hose Co. (Stitched Cotton & Camel's Hair Brand). (See adv. below)
Siedenbach, Milton, 57 7th av
PASSAIC—Manhattan Rubber Mfg. Co. (See New York)
New York Belting & Packing Co. (See N. Y.)
PATERSON—Van Houten, C. C. & Co.
TRENTON—Consolidated Rubber Co. (Rubber)
Crescent Belting & Packing Co. (Rubber)
Empire Rubber Mfg. Co. (Rubber & Stitched)
Hamilton Rubber Mfg. Co. (Rubber)
Home Rubber Co. (Rubber)
Lanning, Geo. W. (Oak Leather, etc.)
Trenton Rubber Mfg. Co. (Rubber & Cotton Stitched)
United & Globe Rubber Mfg. Co. (Rubber)
Whitehead Bros. Rubber Co. (Rubber)

NEW YORK.

ALBANY—Albany Belting & Supply Co. (Leather), 372 B'way
BUFFALO—Bickford & Francis Belting Co. (Leather), 55 Exchange
Buffalo Belting Works (Leather), 139 Wash'n
Buffalo Weaving & Belting Co. (Solid Cotton Machine, two and three ply)
Peerless Belting Co., 41 Pearl
LOCKPORT—Empire Mfg. Co. (Solid Cotton)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Brooklyn Leather Belting Co., 42 S 6th
N. Y. Leather Belting Co., 467 Kent av
Schieren, Chas. A. & Co. (Leather), 523 3d av

Boroughs of Manhattan & Bronx.

NEW YORK—Ballard, Stephen Rubber Co., 90 W B'way
Boston Belting Co. (of Boston, Mass.), (Rubber Stitched, Gutta Percha, "Forsyth," Patent Conveyor, Elevator, Endless, Red Frictioned, etc.), 100 Reade
Boston Woven Hose & Rubber Co. (of Cambridgeport, Mass.) ("Perfection," Rubber Belting Constructed of Fine Closely Woven Duck), 116 Duane
Bradford Belting Co. (of Cincinnati, O.), 38 Dey
Chicago Belting Co. (of Chicago, Ill.), 132 Liberty
Chicago Raw Hide Mfg. Co. (of Chicago, Ill.), 158 Greenwich
Crescent Belting & Packing Co. (of Trenton, N. J.), 53 Barclay
Diamond Rubber Co. (Rubber), 15 Warren
Empire Rubber Mfg. Co. (of Trenton, N. J.) (Rubber & Stitched), 60 Reade
Eureka Fire Hose Co. (Cotton Machine), 13 Barclay
Excelsior Rubber Mfg. Co. (Rubber), 28 Vesey
Fay Belting Co. (Indian Tanned Leather), 3 Jacob
Goodrich, B. F. Co. (of Akron, O.), 66 Reade
Goodyear Rubber Co., 787 B'way
Graton & Knight Mfg. Co. (of Worcester, Mass.), 40 Dey
Gutta Percha & Rubber Mfg. Co., 126 Duane
Home Rubber Co. (of Trenton, N. J.), 80
Imperial Ruber Co., 132 Liberty Reade
Jewell Belting Co. (of Hartford, Conn.), 146 Centre
LADEW, EDWARD R. (Oak Tanned), 91 Liberty. (See adv. opp. this page)
Loeb Bros. Belting Co. (Leather), 29 Ferry
Manhattan Rubber Mfg. Co. (Rubber), 18 Vesey
Marine Mfg. & Supply Co., 157 South
Mechanical Rubber Co. (Rubber), 253 B'way
Mineralized Rubber Co. (Rubber), 18 Cliff
National Leather Belting Co., 29 Ferry
Newark Leather Belting Co. (of Newark, N. J.), 47 Dey
New York Belting & Packing Co. (Rubber), 91 Chambers
New York Leather Belting Co. (Oak Tanned), 8 Ferry
New York Rubber Co. (Rubber), 84 Reade
Penna Rubber Co. (Rubber), 127 Duane
Providence Belting Co. (of Providence, R. I.), 69 Center
Rahmann, Geo. & Co. (Leather), 6 Ferry
Revere Rubber Co. (of Boston, Mass.), 59 Reade
Schieren, Chas. A. & Co. (Oak Tanned Leather, etc.), 47 Ferry
Shultz Belting Co. (of St. Louis, Mo., Rawhide & Woven Leather Link), 113 Liberty
Southwick, Geo. W. Co. (Inc.) (Reinforced Double), 149 Centre
Voorhees Rubber Mfg. Co. (Nubian Rubber), 150 Nassau
Waterbury Rubber Mfg. Co. (Rubber), 49 Warren
Western Raw Hide & Belting Co., 131 Worth
WHITMAN & BARNES MFG. CO. (of Chicago, Ill.) ("Broncho Hontas" Rubber), 111 Chambers. (See adv. index, end of book)

(END OF NEW YORK CITY.)

Rossendale-Reddaway Belting & Hose Co.,

MANUFACTURERS OF

The "Camel" Hair Belting

Specially Adapted for Paper and Pulp Mills, Rolling Mills, Cemen
Plants and Heavy Driving Generally.

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For Conveying Clay, Brick, Mud, Etc.

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Use Hendricks' COMMERCIAL REGISTER

ROCHESTER—Cross Bros. & Co. (Leather), 114 Mill
Estes Mfg. Co. (Oak Leather), 301 State
SYRACUSE—Syracuse Supply Co. (Oak Tanned Leather), 314 W Fayette
TROY—Barnum Bros. Co. (Oak Tanned), 179 River
Pine & Co., 3d av, & 21st
Troy Belting & Supply Co. (Leather), 6 Grand
UTICA—True Belting Co., 24 Broad

NORTH CAROLINA.

CHARLOTTE—Charlotte Supply Co. (Leather)

OHIO.

AKRON—Akron Belting Co. ("Acme" Seamless) Rubber "Hercules" Seamless)
Diamond Rubber Co. (Rubber)
Goodrich, B. F. Co. (Titanic Rubber & Gutta Percha)
WHITMAN & BARNES MFG. CO. ("Broncho Hontas" Rubber). (See adv. index, end of book)
CINCINNATI—American Oak Leather Co. Tanners of Oak, Leather, Belting, etc.)
Bradford Belting Co. (Leather), 2d c Walnut
Eagle Counter & Leather Co., 414 E 8th
Gilbert Belting Co. (J. Mix Gilbert), "Leather," 77 Elm
Pearce, Atkins & Co. (Triumph Machine & Solid White Cotton), c Charles & Plum
Whitman & Barnes Mfg. Co. (of Akron, O.) ("Broncho & Hontas," Rubber) 212 E 8th
CLEVELAND—Bodifield Belting Co. (Leather), 24 S Water
Boston Woven Hose & Rubber Co. (of Cambridgeport, Mass.) ("Perfection" Rubber Belting Constructed of Fine Closely Woven Duck), 26 S Water
Cleveland Belting & Machinery Co., 8 Long Bank
Martin Rawhide Belting Co. (Rawhide), 51 Mulberry
Mechanical Rubber Co. (Rubber), C & P & Nickel Plate R. R.
Mt. Vernon Belting Co., 190 Seneca
Williams, R. A. Co., 55 S Water
TOLEDO—Hettrick Bros. Co. ("Hettrick's," Hemp)
YOUNGSTOWN—**AMERICAN BELTING** CO. ("Alpha" Heavy Canvas). (See adv. below)
Republic Rubber Co. (Rubber)

OREGON.

PORTLAND—Graton & Knight Mfg. Co. (of Worcester, Mass.)
Simonds Mfg. Co.

PENNSYLVANIA.

ALLEGHENY—**ROSSENDALE - REDDaway** Belting & Hose Co. ("Sphinx" & Other Brands, Stitched Canvas & The "Camel's Hair Brand), 26 E Lacock. (See adv. opp. this page)
CHESTER—Wilby, Thos. (Leather)
ERIE—Continental Rubber Works (Rubber)
Lake Shore Rubber Co. (Rubber)
JEANETTE—Penna Rubber Co. (Rubber)
LANCASTER—Helvetia Leather Co.
NORRISTOWN — Keystone Leather Belting Works (Round or Twist, etc.)
PHILADELPHIA—Alexander Bros. (Oak Tanned), 410 N 3d
Arny, Chas. W. & Son (Oak Tanned), 228 N 3d
Brown, D. P. & Co. ("Teon," made in England), 264 N 4th
Etsweiler, Wm. (Indian Tanned), 230 N 3d
Fayerweather & Ladew (of New York City), 16 S 3d
Fisher Leather Belting Co., 1215 Arch
Graton & Knight Mfg. Co. (of Worcester, Mass.), 132 N 3d
Main Belting Co. (the Leviathan), 1219 Carpenter
Paulus, James C. & Co. (Leather), 415 Commerce
Pechin, T. E. (Oak Leather), 19th cor Allegheny av
Restein, Clement & Co. (Rubber, etc.), 139 N 2d
Revere Rubber Co. (of Boston, Mass.), Drexel Bldg
Richie, Crawford & Co. (Leather), 420 N 3d
Schieren, Chas. A. & Co. (of New York City), 226 N 3d. Factory, N. Y.
Shultz Belting Co. (of St. Louis, Mo.) (Rawhide & Woven Leather Link), 116 N 3d
Wise & Bailey (Leather), 56 N Front
PITTSBURG—Hartley-Rose Belting Co. (Leather), 634 Smithfield
Pittsburg Rubber & Leather Co. (Leather), 10 Wood
Revere Rubber Co. (of Boston, Mass.), 2 Wood
Schieren, Chas. A. & Co. (of New York City), 240 3d av

RHODE ISLAND.

CENTRAL FALLS—Weatherhead, Thompson & Co. (Leather)
PAWTUCKET—Weatherhead, Thompson & Co. (Leather)
PROVIDENCE—American Supply Co. (Leather), 13 Eddy
Brown Bros. Co., 62 Exchange pl
Burgess, A. & Son (Leather), 692 N Main
Providence Belting Co. (Leather), 25 Charles
U. S. Mill Supply Co., 34 S Water

SOUTH CAROLINA.

CHARLESTON—Bailey-Lebby Co. (Leather & Rubber)

TENNESSEE.

MEMPHIS—Memphis Belting Co., 148 Front
Southern Belting Co., 328 Front

VIRGINIA.

RICHMOND—Richmond Leather Mfg. Co. (Leather), 2201 E Cary

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WISCONSIN.

MILWAUKEE—Milwaukee Leather Belting Co., 136 Sycamore
Gardner, A. H. Co., 380 E Water
Western Raw Hide & Belting Co. ("White" Rawhide & "Superior" Surface Tanned), 2208 University av

Belting Mfrs. ("Alpha")

AMERICAN BELTING CO., Youngstown, O. (See adv. preceding page)

Belting Mfrs. (Angular)

iSummer, Wm. Belting Co. (Or V Belting),

Belting Mfrs. (Camel's Hair)

ROSSENDALE - REDDAWAY BELTing & Hose Co. (The "Camel's Hair Brand.") Main Office & Works, Newark, N. J.; Sales Offices, 105 Summer, Boston, Mass.; 11 S Canal, Chicago, & 26 E Lacock. (See adv. page 56)

Belting Mfrs. (Canvas Stitched)

AMERICAN BELTING CO. "Alpha," "American Thresher," Youngstown, O. (See adv. preceding page)
Boston Woven Hose & Rubber Co. ("Cyclops & Milo," Stitched Canvas.) Executive Office & Factory, Cambridgeport, Mass. Stores, 116 Duane, New York; 185 Lake, Chicago, Ill.; Cleveland, O.; San Francisco, Cal., & Boston, Mass.
Carton Belting Co. ("Carton," Stitched Canvas), Boston, Mass.
Chesapeake Belting Co., 823 McKim, Baltimore, Md.
Empire Rubber Mfg. Co., Trenton, N. J., & 60 Reade, N. Y.
Gandy Belting Co., Baltimore, Md.
Main Belting Co. ("Leviathan"), 1219 Carpenter, Phila., Pa.; 55 Market, Chicago, Ill.; & 120 Pearl, Boston, Mass.
New Jersey Car Spring & Rubber Co., Jersey City, N. J.
ROSSENDALE - REDDAWAY BELTing & Hose Co. ("Sphinx" & Other Brands). Main Office & Works, Newark, N. J., Sales Offices, 105 Summer, Boston, Mass.; 11 S. Canal, Chicago, & 26 E Lacock, Allegheny, Pa. (See adv. page 56)
Rubber, Celluloid & Harness Trimming Co., Newark, N. J.
Sawyer Belting Co., East Cambridge, Mass.
Whitehurst Belting Co., Baltimore, Md.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)

Belting Mfrs. (Chain or Link)

BARTLETT, C. O. & SNOW CO., Cleveland, O. (See adv. index, end of book)
Borden & Selleck Co., 48 Lake, Chicago
Buhl Malleable Co., Wight & Adair, Detroit, Mich.
Chain Belt Co., 766 Park, Milwaukee, Wis.
Dodge Mfg. Co., Mishawaka, Ind.; 45 Dey, N. Y.; 168 S. Clinton, Chicago; 137 Purchase, Boston, Mass., & Cincinnati, O.
Ewart Mfg. Co., Indianapolis, Ind., & Monadnock bldg., Chicago, Ill.
Exeter Machine Works, Pittston, Pa.
Federal Mfg. Co. (Diamond Chain Factory), Indianapolis, Ind., & Elyria, O.
Herschel, R. Mfg. Co., Peoria, Ill.
JEFFREY MFG. CO., Columbus, O.: 41 Dey, N. Y., & Equitable bldg., Denver, Col. (See adv. index, end of book)
Link Belt Engineering Co., Nicetown, Phila., Pa.; Park bldg., Pittsburg, Pa., & 49 Dey, N. Y.
Link Belt Machinery Co., 39th & Stewart av., Chicago, Ill.
MEY CHAIN BELTING ENGINEERING WORKS, 14 Perry, Buffalo, N. Y. (See adv. index, end of book)
MOLINE MALLEABLE IRON CO., St. Charles, Ill.; 1357 Ridge av, Phila., & 37 Warren, New York. (See adv. below)
Nazel Machine Tool Works, 1042 Ridge av, Phila., Pa.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Scaife Foundry & Machine Co. (Ltd.), Pittsburg, Pa.
STOWELL MFG. & FOUNDRY CO. (Malleable Iron), S Milwaukee, Wis. (See adv. index, end of book)
Taylor Iron & Steel Co. (Link), High Bridge, N. J.
WEBSTER MFG. CO., 1075 W. 15th, Chicago, & 38 Dey, N. Y. (See adv. index, end of book)
WELLER MFG. CO., 118 North av, Chicago. (See adv. index, end of book)
Chambers, N. Y., & Chicago Ill.
West Allis Iron & Chain Belt Co., West Allis, Wis.
WHITMAN & BARNES MFG. CO., Akron, O.; 111 Chambers, N. Y.; Chicago, Ill., & Syracuse, N. Y. (See adv. index, end of book)

Beltng Mfrs. (Detachable Link)

Forster, Waterbury & Co. (Chain), Franklin Park, Ill.
JEFFREY MFG,. CO. (Steel), Columbus, O.; 41 Dey, N. Y., & Equitable bldg., Denver, Col. (See adv. index, end of book)
Link Belt Engineering Co., Nicetown, Phila., Pa., Park bldg., Pittsburg, Pa., & 41 Dey, N. Y.
Link Belt Machinery Co., W. 39th & Stewart av., Chicago, Ill.
MOLINE MALLEABLE IRON CO., St. Charles, Ill.; 1357 Ridge av, Phila., Pa., & 37 Warren, New York. (See adv. below)
WELLER MFG. CO., 118 North av, Chicago, Ill. (See adv. index, end of book)
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)

Belting Mfrs. (Leather)

(See Belting Mfrs.)

Belting Mfrs. (Perforated)

Schieren, Chas. A. & Co. (Electric), 49 Ferry, N. Y.; 226 N 3d, Phila., Pa.; 119 High, Boston, & 48 S Canal, Chicago, Ill.

Belting Mfrs. (Raw Hide)

Bay State Belting Co. (Indian Tan), 119 Franklin, Boston, Mass.
Chicago Rawhide Mfg. Co., 75 E. Ohio, Chicago, Ill., & 139 Congress, Boston, Mass.
Coupe, Wm. & Co., S. Attleboro, Mass.
Kelton & Bruce Mfg. Co. (Indian Tan), Salem, Mass.
Martin Rawhide Belting Co., 51 Mulberry, Cleveland, O.
Missouri Belting Co. ("Giant"), 120 S Commercial, St. Louis, Mo.
National Rawhide & Belting Co., Niles, Mich.
Shultz Belting Co., 402 Barton, St. Louis, Mo.; Boston, Mass.; Phila., Pa.; 113 Liberty, N. Y.
Western Rawhide & Belting Co., Milwaukee, Wis.

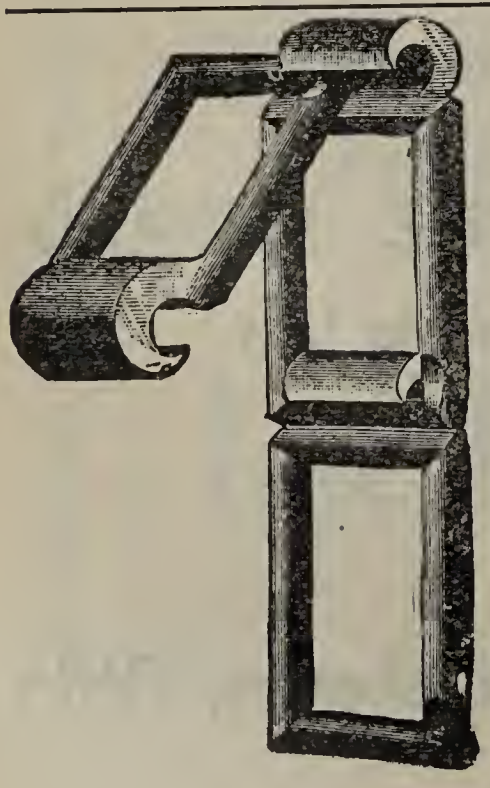
Belting Mfrs. (Rope)

(See also Rope, Manila & Sisal)

CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
Dodge Mfg. Co., Mishawaka, Ind.
LESCHEN, A. & SONS ROPE CO., 920 N 1st, St. Louis, Mo.; 137 E Lake, Chicago; 163 Washn, N. Y., & 1717 Arapahoe, Denver, Colo. (See adv. index, end of book)

Belting Mfrs. (Round or Twist)

Bay State Belting Co., 119 Franklin, Boston, Mass.
Chicago Rawhide Mfg. Co. (Rawhide), 75 E Ohio, Chcago. Ill.
Jewell Belting Co., Hartford, Conn.
Keystone Leather Belting Works (Round Leather), Norristown, Pa.
Missouri Belting Co. ("Giant"), St. Louis, Mo.
New York Leather Belting Co., 8 Ferry, New York
Page Belting Co. ("Crown" Leather), Concord, N. H.
Sumner, Wm. Belting Co. (Patent Cotton Leather), Tolland, Conn.
Western Rawhide & Belting Co., Milwaukee, Wis.



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Belting Mfrs. (Rubber)

(See Belting Mfrs.)

Belting Mfrs. (Solid Cotton)

Bay State Belting Co. ("Standard"), 119 Franklin, Boston, Mass.
Buffalo Weaving & Belting Co., Buffalo, N. Y.
Empire Mfg. Co., Lockport, N. Y.
Eureka Fire Hose Co., 13 Barclay, N. Y. Works, Jersey City, N. J.
Franklin Cotton Mills, Charles & Plum, Cincinnati, O.
Pearce, Atkins & Co. (White), Charles & Plum, Cincinnati, O.
Russell Mfg. Co., Middletown, Conn.

Belting Mfrs. (Thresher)

AMERICAN BELTING CO. (Endless Stitched Canvas), Youngstown, O. (See adv. index, end of book)
Boston Woven Hose & Rubber Co. ("Grain King" Canvas.) Executive Office & Factory, Cambridgeport, Mass. Stores, 116 Duane, New York; 185 Lake, Chicago, Ill.; Cleveland, O.; San Francisco, Cal., & Boston, Mass.
Carton Belting Co. ("Carton," Endless), Boston, Mass.
Chesapeake Belting Co. (Endless Stitched Canvas), Baltimore, Md.
Gandy Belting Co., Baltimore, Md.
ROSSENDALE - REDDAWAY BELT-ing & Hose Co. Main Office & Works, Newark, N. J. Sales Offices, 105 Summer, Boston, Mass.; 11 S Canal, Chicago, & 26 E Lacock, Allegheny, Pa. (See adv. index, end of book)
Sawyer Belting Co. (Endless Stitched Canvas), East Cambridge, Mass.
Whitehurst Belting Co., Baltimore, Md.
WHITMAN & BARNES MFG. CO. (Endless Stitched Canvas), West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, N. Y. (See adv. index, end of book)

Belts (Linemen's)

Dicke Tool Co., Downers Grove, Ill.
Galewski, Adolph, 90 Chambers, N. Y.

Belts (Polishing)

Ames Swords Co. (Endless Silk Sewed), Chicopee, Mass.
Boston Belting Co., 256 Devonshire, Boston, Mass.; 100 Reade, N. Y.
Chicago Rawhide Mfg. Co., 75 E Ohio, Chicago, Ill.
Manhattan Rubber Mfg. Co. (Canvas with Rubber Insertion), 18 Vesey, N. Y.

Bench Legs

Bethlehem Foundry & Machine Co. (Carpenters' & Pattern Makers'), South Bethlehem, Pa.

Bench Stops.

Bonny Vise & Tool Works (Inc.), 3015 Chestnut, Phila., Pa.
Cincinnati Tool Co., Norwood, Cincinnati, O.
Stover Mfg. Co., Freeport, Ill.

Benches (Cabinet Makers', Etc.)

Petoskey Block & Mfg. Co., Petoskey, Mich.

Benches (Cutting)

Petoskey Block & Mfg. Co. (All Kinds), Petoskey, Mich.

Benches (Draw)

American Tube & Stamping Co., Bridgeport, Conn.
Bates Machine Co., Joliet, Ill.
Bliss, E. W. Co., 19 Adams, Brooklyn, N. Y.
Cresson, Geo. V. Co., Allegheny av, W of 17th, Phila., Pa., & 141 Liberty, N. Y.
Gould & Eberhardt, Newark, N. J.
Morgan Construction Co., Worcester, Mass.
Ohl, Geo. A. & Co., Newark, N. J.
Oliver, W. W. Mfg. Co. (Jewelers, etc.), 1483 Niagara, Buffalo, N. Y.
Richard Mfg. Co. Co., Bloomsburg, Pa.
Turner, Vaughn & Taylor Co., Cuyahoga Falls, O.
Vulcan Foundry & Machine Co., New Castle, Pa.
Waterbury Farrell Foundry & Machine Co., Waterbury, Conn.
Watson-Stillman Co., 46 Dey, New York

Benches (Folding)

Bethlehem Foundry & Machine Co., South Bethlehem, Pa.

Benches (Hydraulic Draw)

Waterbury Farrell Foundry & Machine Co., Waterbury, Conn.
Watson- Stillman Co., 46 Dey, New York

Benches (Saw)

(See Saw Benches.)

Benches (Wire Drawing)

(See Wire Drawing Machinery)

Benders (Angle & Eye, Hand Power)

Estep & Dolan (also Ring & Hinge), Sandwich, Ill.
Wallace Supply Co., 56 5th av, Chicago, Ill., & 26 Cortlandt, N. Y.

Benders (Conduit)

(See Conduit Bending Machines.)

Benders (Lead Pipe)

Bernz, Otto, S 13th & S Orange av., Newark, N. J.
Cleveland Wire Spring Co., Cleveland, O.
Mark Mfg. Co., Evanston, Ill.
Raymond Mfg. Co., Corry, Pa.

Benders (Rail)

(See Rail Benders; also Rail Bending & Straightening Machines)

Benders (Tire)

Bethlehem Foundry & Machine Co., South Bethlehem, Pa.
Boynton & Plummer, Worcester, Mass.
Buffalo Forge Co., Buffalo, N. Y., & 39 Cortlandt, N. Y.
Butts & Ordway Co., 190 High, Boston
Champion Blower & Forge Co., Lancaster, Pa.
Comstock, Geo. S., Mechanicsburg, Pa.
Concord Axle Co., Penacook, N. H.
Fulton Iron Works ("Detroit" Perfected), Detroit, Mich.
Haven Malleable Casting Co., Cincinnati, O.
Illinois Iron & Bolt Co.(Roller Bearing), Carpentersville, Ill.
Kane & Roach, Syracuse, N. Y.
Kenney & Co., Scottdale, Pa.
Kinsley Iron & Machine Co., Canton, Mass.
National-Fulton Brass Mfg. Co., ("Detroit Perfect"), Detroit, Mich.
Pleuger & Henger Mfg. Co., 11th & Hebert, St. Louis, Mo.
Potts, David H., Lancaster Pa.
Swett, A. L. Iron Works, Medina, N. Y.
Weyburn Co. ("Rockford Ideal"), Rockford, Ill.
Wiley & Russell Mfg. Co., Greenfield, Mass.
Williams, White & Co. (also Welders), Moline, Ill.

Bends (Expansion)

Best Mfg. Co. (Iron, Steel, Brass & Copper), 25th & A. V. Ry., Pittsburg, Pa.

Bends (Return)

LUNKENHEIMER CO., General Of-fices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, N. Y., & 35 Great Dover St., London, S. E. England. (See adv. index, end of book)

Benzol Refiners

Barrett Mfg. Co., Land Title bldg, Phila., Pa.

Bevels.

Athol Machine Co., Athol, Mass.
Bemis & Call Hardware & Tool Co., Springfield, Mass.
Braunsdorf-Muller Co. (T Perfection), Elizabeth, N. J.
Chapin-Stephens Co. (Ship Carpenters', etc.), Pine Meadow, Conn.
Disston, Henry & Sons, Tacony, Phila., Pa., & 75 W Wash'n, Chicago
Sawyer Tool Mfg. Co. (Combination), Fitchburg, Mass.
Stanley Rule & Level Co., New Britain, Conn.
Starrett, L. S. Co. (Combination Universal, etc.), Athol, Mass.
Stevens, J. Arms & Tool Co., Chicopee Falls, Mass.
Upson Nut Co., Unionville, Conn., & Cleveland, Ohio

Bibbs.

(See Cocks & Bibbs.)

Bicycle Manufacturers

Arnold, Schwinn & Co., Chicago, Ill.
Bretz Mfg. Co., Syrcuse, N. Y.
Consolidated Mfg. Co., Toledo, O.
Davis Sewing Machine Co., Dayton, O.
Demorest Mfg. Co., Williamsport, Pa.
Eagle Bicycle Mfg. Co., Torrington, Conn.
Fowler-Manson-Sherman Mfg. Co., Chicago, Ill.
Gendron Iron Wheel Co., Toledo, O.
Great Western Mfg. Co., La Porte, Ind.
Hendee Mfg. Co., Springfield, Mass.
Hudson Mfg. Co., Hudson, Mich.
Johnson, Iver, Arms & Cycle Works, Fitchburg, Mass.
Light Cycle Co., Pottstown, Pa.
Miami Cycle & Mfg. Co., Middletown, O.
National Cycle Mfg. Co., Bay City, Mich.
Pierce, Geo. N. Co., Buffalo, N. Y.
Pope Mfg. Co., Hartford, Conn.
Pope Mfg. Co., Chicago, Ill.
Reading Standard Cycle Mfg. Co., Reading, Pa.
Snyder, H. P., Little Falls, N. Y.
Thomas, E. R. Motor Co., Buffalo, N. Y.
Toledo Metal Wheel Co., Toledo, O.
Waltham Mfg. Co., Waltham, Mass.
Warwick Automoble & Cycle Co., Springfield, Mass.
Worthington Mfg. Co., Elyria, O.

Bicycle Parts and Sundries.

(See also Bolts, Bicycle;
Chains, Bicycle;
Nuts, Bicycle;
Pumps, Bicycle;
Screws, Bicycle;
Springs, Bicycle;
Tubing, Bicycle.)

Aurora Automatic Machine Co., Aurora, Ill.
Bay State Stamping Co. ("Bennett", Pedal Ferrules, etc.), Worcester, Mass.
Buescher Mfg. Co., Elkhart, Ind.
Brennan Mfg. Co. (Bicycle Handle Bars, etc.), Syracuse, N. Y.

Climax Mfg. Co. (Saddles, etc.), East Hampton, Conn.
Collmer Bros., South Bend, Ind.
Consolidated Mfg. Co., Toledo, O.
Corbin Screw Corporation (Special to Order), New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, Ill., & 925 Market, Phila., Pa.
CROSBY CO. (Stamped Steel Fittings & Ball Cups), 177-187 Pratt, Buffalo, N. Y.) (See adv. index, end of book)
Fauber Mfg. Co., Elgin, Ill.
Federal Mfg. Co. (Frame Parts, Saddles, Pedals, Chains, etc.), Elyria, O.
Frasse, Peter A & Co.. 94 Fulton. N. Y.
Hoover-Ball Co., Newark, O.
Hunter Arms Co., Fulton, N. Y.
Keim, John R. (Stamping, Frame Sets, Parts, etc.), Kensington av & Erie R. R., Buffalo, N. Y.
Kirkpatrick Saddle Co. (Saddles), Springfield, O.
Leather & Brass Mfg. Co. (Cranks, Air Valves, etc.), Auburn, N. Y.
Lee & Porter (Bike Gears, Wire Wheels, etc.), Dowagiac, Mich.
Liberty Cycle Co.. 166 John, Bridgeport, Conn.
Matthews, H. A. Mfg. Co.. Seymour, Conn.
Matthews Mfg. Co. (Fittings, etc.), Worcester, Mass.
New England Machine Screw Co., Thompsonville, Conn.
Page-Storms Drop Forge Co. (Drop Forged), Chicopee Falls, Mass., & Springfield, Mass.
Reading Saddle & Mfg. Co. (Saddles, etc.), Reading, Pa.
Smith & Egge Mfg. Co. ("Giant"), Bridgeport, Conn.
Snell Cycle Fittings Co., Fernwood av, Toledo, O.
Standard Spoke & Nipple Co. (Spokes & Nipples), Torrington, Conn.
Standard Steel Tube Co., Toledo, O.
Sweet, Geo. Mfg. Co., Dansville, N. Y.
Toledo Mfg. Co., Toledo, O.
Troxel Mfg. Co. (Saddles, etc.), Elyria, O.
Turner Brass Works, Franklin c Michigan, Chicago
Union Mfg. & Specialty Co., Buffalo, N. Y.
Western Automatic Machine Screw Co., Elyria, Ohio
Worcester Pressed Steel Co., Worcester, Mass.

Bicycle Spoke Threaders

Goodell-Pratt Co., Greenfield, Mass.

Bicycle Wheel Truing Stands.

Dudley, A. Mfg. Co., Menominee, Mich.

Bidets.

Dalton-Ingersoll Co., Boston, Mass.
Mott, J. L. Iron Works, 88 Beekman, New York, Boston, Mass., Philadelphia, Pa., & Chicago, Ill.
Peck Bros. & Co., New Haven, Conn.; 27 W 42d, N. Y., & 157 High, Boston, Mass.

Billets (Steel)

(See also Steel Importers.)

American Bridge Co., 100 B'way, N. Y., & 261 S 4th, Phila., Pa.
AMERICAN STEEL & WIRE CO. Sales Offices: Rookery, Chicago; Battery Park bldg, New York; Worcester, Mass.; Frick bldg, Pittsburg, Pa.; Western Reserve bldg, Cleveland; Chemical bldg, St. Louis; Pioneer Press bldg, St. Paul, Minn.; Equitable bldg, Denver; 16th & Folsom, San Francisco; 9th & Irving, Portland, Ore.; 160 Central av, Los Angeles; 71 King William, London, Eng., & N. Y. Life bldg, Montreal, Canada. (See adv. index, end of book)
Ashland Steel Co. (Bessemer Steel Billets & Slabs). Ashland, Ky.
Bethlehem Steel Co., South Bethlehem, Pa., & 100 B'way, New York
Buffalo Steel Co. (Plow Beam, Bessemer Steel), Tonawanda, N. Y.
Cambria Steel Co., Johnstown, Pa.; Arcade bldg, Phila., Pa., & 71 B'way, N. Y.
Carbon Steel Co., 32d & Smallman, Pittsburg, Pa., & 26 Cortlandt, N. Y.
Carnegie Steel Co., General offices, Pittsburg, Pa.; "The Rookery," Chicago, Ill.; 71 B'way, New York; 1502 Market, Philadelphia, Pa.
Colorado Fuel & Iron Co., Denver, Colo.
Crucible Steel Co. of American, Frick bldg., Pittsburg, Pa.
Eastern Steel Co., Pottsville, Pa.
Illinois Steel Co., The Rookery, Chicago, & 71 Broadway, N. Y.
Jones & Laughlin's Steel Co., Pittsburg, Pa.
LEAVITT, C. W. & CO. (also Slabs), 15 Cortlandt, N. Y. (Sce adv. index, end of book)
Lee, James & Co. (Scotch Imported), 76 William, N. Y.
Lukens Iron & Steel Co., Coatesville, Pa.
Midvale Steel Co., main office & works, Nicetown, Phila., Pa.; 100 B'way, N. Y.; Old Colony bldg, Chicago, & San Francisco, Cal.
Otis Steel Co., Cleveland, O.
Penna. Steel Co. (also Slabs), Girard bldg, Phila., Pa.; 70 Kilby, Boston, Mass., & Steelton, Pa.
Portsmouth Steel Co. (Steel Billets, Slabs & Plates), Wheeling, W. Va. Works, Portsmouth, O.
Republic Iron & Steel Co. (Bessemer & Open Hearth), general offices, First Natl. Bank bldg, Chicago; District sales offices, Ellicott sq, Buffalo; Citizens Bank bldg, Cleveland; Endicott Arcado, St. Paul, Minn.; Frick bldg., Pittsburg, Pa.; Traction bldg., Cincinnati, O., & Birmingham, Ala.
Sharon Steel Hoop Co. ("Open hearth steel billets"), Sharon, Pa.
Snyder, W. P. & Co. (Billets & Sheet Bars, Dealers), Frick bldg, Pittsburg, Pa.
Stewart Iron Co. (Ltd.) (Blooms only), Cleveland, O., & Sharon, Pa.
Tidewater Steel Co. (basic open hearth), Chester-Pa.
Tennessee Coal, Iron & R. R. Co., "also Blooms & Slabs." Birmingham, Ala.
Virginia Coal, Iron & Coke Co.. Bristol. Tenn.
Washburn Wire Co. (Billets only), Philipsdale, R. I., & 26 Cortlandt, New York.
Wheeling Steel & Iron Co., Wheeling, W. Va.
Wood, Alan, Iron & Steel Co. (Basic Open Hearth Steel, also Slabs), 519 Arch, Phila., Pa.
Youngstown Steel Co., Youngstown, O.

Billiard Table Beds (Slate)

Allen's, S. Sons, Fair Haven, Vt.
American Slate Co., Bangor, Pa.
Coulman & Westcott. Fair Haven, Vt.
Fleming Slate Co., Poultney, Vt.
Pelkey, W. H., Fair Haven, Vt.
Penna Structural Slate Co., Easton, Pa.
Scotch Hill Slate Co., Fair Haven, Vt.
Slatington Slate Co., Slatington, Pa., & 181 B'way, N. Y.

Binders.

(See Harvesters, Various Kinds)

Bins (Steel)

MINNEAPOLIS STEEL & MACHINERY Co.. Minneapolis, Minn. (See adv. index, end of book)
Power & Mining Machinery Co., 52 William, N. Y. Works, Cudahy, Wis.
SCAIFE, WM. B. & Sons CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)

Bit Braces

Bartholomew, H. S. (Carpenters'), Bristol
Brown, R. H. & Co., 169 Ashman, New Haven, Conn.
Chantrell Tool Co., Reading, Pa.
Detroit Twist Drill Co., Detroit, Mich.
Dicke Tool Co. (for Electricians, Plumbers, etc.), Downers Grove, Ill.
Fray, John S. & Co. (also Ratchet & Sleeve Braces), 936 Crescent av, Bridgeport, Conn.
Goodell-Pratt Co. (Ratchet, Sleeve & Corner "Spofford"), Greenfield, Mass.
Hamden Mfg. Co., Hamden, Conn.
Lancaster Machine & Knife Works (Ratchet & Straight), Lancaster, N. Y.
Mason & Parker, Winchendon, Mass.
Mayhew, H. H. Co., Shelburne Falls, Mass.
Millers Falls Co., Millers Falls, Mass., & 28 Warren, New York
Peck Stow & Wilcox Co., Southington, Conn.; Cleveland, O.; 27 Murray, New York
Smith, J. Barton Co., Hope & Norris, Phila., Pa.
Turner & Deegan, Bristol, Conn.
Stortz, Jno. & Son., 210 Vine, Phila., Pa.
Wells Bros. & Co., Greenfield, Mass.

Bits (Auger)

Adams, A. L., Water & South av, Bridgeport, Conn.
American Auger Bit Co., Forestville, Conn.
Bridgeport Gun Implement Co., 219 Elm, Bridgeport, Conn.
Chester Mfg. Co., Chester, Conn.
CHICAGO TOOL & SUPPLY CO., 356 Dearborn, Chicago, Ill. (See adv. index, end of book)
Connecticut Valley Mfg. Co. ("Wright's Jennings"), Centerbrook, Conn.
Deuse, J. S. (also German, Double Cub, etc.), Chester, Conn.
Ferguson, J. R. & Co., Chester, Conn.
Ford Auger Bit Co. (Machine, Ship, Car, etc.), Holyoke, Mass.
Garritt & Beach, Seymour, Conn.
Hardsocg, M. Mfg. Co., Allegheny, Pa.
Hartley, M. Co.. 313 B'way, New York.
Humphreyville Mfg. Co., Seymour, Conn.
Irwin Auger Bit Co., Wilmington, O.
Jennings, C. E. & Co. (Gimlet), 42 Murray, New York
Jennings, Russell Mfg. Co., Deep River, Conn.
Kraeuter & Co., 577 18th av, Newark, N. J.
Mayhew, H. H. Co. (Gimlet), Shelburne Falls, Mass.
New Haven Copper Co., Seymour, Conn. & 114 Chambers, N. Y.
Ohio Tool Co., Columbus, O.
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 27 Murray, New York
Pugh, Job T., 3101 Ludlow, Philadelphia, Pa.
Rockford Bit Co.. Kokomo, Ind.
Russell & Erwin Mfg. Co.. New Britain, Conn., 45 Chambers, New York
Silver Mfg. Co. (Solid Center), Salem, O.
Snell Mfg. Co., Fiskdale, Mass.
Swan, Jas. & Co., Seymour, Conn.
Tatum, Sam'l C. Co., 414 W Water, Cincinnati, O.
Tower & Lyon Co., 95 Chambers, N. Y.

Bits (Car)

Connecticut Valley Mfg. Co. ("Wright's Jennings") Centerbrook, Conn.
Hamden Mfg. Co., Hamden, Conn.
Irwin Auger Bit Co., Wilmington, O.
Ohio Tool Co. ("Bailey"), Columbus, O.

Bits (Dowel)

Connecticut Valley Mfg. Co., Centerbrook, Conn.
Irwin Auger Bit Co., Wilmington, O.
Ohio Tool Co., Columbus. O.

Bits (Drill)

Steel Set Diamond Co., 36 Gold, New York

Bits (Electricians' & Bell Hangers')

Cincinnati Tool Co., Norwood, Cincinnati, O.
Detroit Twist Drill Co., Detroit, Mich.
Deuse, J. S., Chester, Conn.
Jennings, C. E. Co., 42 Murray, N. Y.
Stortz, Jno. & Son, 210 Vine, Phila., Pa.

Bits (Electric Coal Machine)

Hardsocg, Martin Mfg. Co. (Tool Steel), 922 South av, Allegheny, Pa.

Bits (Expansive)

Brown, R. H. & Co., New Haven, Conn.
Conn Valley Mfg. Co. ("Clark"), Centerbrook, Conn.
Fray, Jno. S. & Co., Bridgeport, Conn.
Hamden Mfg. Co., Hamden, Conn.
Jennings, C. E. & Co., 42 Murray, New York
Kilborn & Bishop Co., New Haven, Conn.
Meadville Vise Co., Meadville, Pa.
Swan, James Co., Seymour, Conn.
Tower & Lyon Co., 95 Chambers, New York.

Bits (Gimlet)

Garrett & Beach, Seymour, Conn.
Jennings, C. E. & Co., 42 Murray, New York
Mayhew, H. H. Co., Shelburne Falls, Mass.
Stortz, Jno. & Son, 210 Vine, Phila., Pa.
WHITMAN & BARNES MFG. CO. ("German"), West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)

Bits (Hollow Chisel)

Irwin Auger Bit Co., Wilmington, O.

Bits (Hub Boring)

Detroit Twist Drill Co., Detroit, Mich.
National Twist Drill & Tool Co., ("National"), Detroit, Mich.

Bits (Machine)

Detroit Twist Drill Co., (Straight Shank, etc.), Detroit, Mich.
Ford Auger Bit Co., Holyoke, Mass.
Irwin Auger Bit Co., Wilmington, O.
Ohio Tool Co., Columbus, O.
Pugh, Job T., 3101 Ludlow, Philadelphia, Pa.
Sandusky Tool Co., Sandusky, O.
Silver Mfg. Co. (Round Lap & Solid Center), Salem, O.
Stortz, Jno. & Son, 210 Vine, Phila., Pa.

Bits (Mining Machine)

Pittsburg Tool & Drop Forge Co., Arrott bldg, Pittsburg, Pa. Works, Cheswick, Pa.

Bits (Quadruple & Triple)

FOX MACHINE CO., Grand Rapids, Mich. (See adv. index, end of book)

Bits (Rail Drill)

BUDA FOUNDRY & MFG. CO., Chi- Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
Solid Steel Tool & Forge Co. ("S. T. S."), Farmers' Bank bldg, Pittsburg, Pa.

Bits (Screw Driver)

Buck Bros., Millbury, Mass.
Buck, Chas., Millbury, Mass.
Cincinnati Tool Co., Norwood, Cincinnati, O.
Conn. Valley Mfg. Co., Centre Brook, Conn.
Deuse, J. S., Chester, Conn.
Fray, Jno. S. & Co. ("Fray's" Hollow Handle Screw Driver Sets), Bridgeport, Conn.
Goodell-Pratt Co., Greenfield, Mass.
Humason & Beckley Mfg. Co., New Britain, Conn.
Hurwood Mfg. Co. (Inc.), Bridgeport, Conn.
Irwin Auger Bit Co., Wilmington, O.
Jennings, C. E. & Co., 42 Murray, New York
Keystone Drop Forge Works (Drop Forged), 20th & Clearfield, Philadelphia, Pa.
Knapp & Cowles Mfg. Co., Bridgeport, Conn.
Kraeuter & Co., 577 18th av, Newark, N. J.
Mayhew, H. H. Co., Shelburne Falls, Mass.
Millers Falls Co., Millers Falls, Mass., & 28 Warren, New York
MORSE TWIST DRILL & MACHINE CO., New Bedford, Mass.
Ohio Tool Co., Columbus, O.
Sawyer Tool Mfg. Co. ("Samson"), Fitchburg, Mass.
Snell Mfg. Co., Fiskdale, Mass.
Standard Tool Co., 1260 Central av, Cleveland, O.
Stortz, John & Son, 210 Vine, Philadelphia, Pa.
Swan, Jas. Co., Seymour, Conn.
Syracuse Twist Drill Co., Syracuse, N. Y.
Tuck Mfg. Co., Brockton, Mass.
Vaughan & Bushnell Mfg. Co., 875 Carroll av, Chicago
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)

Black Board Surfacing Material

Acme White Lead & Color Works, Detroit, Mich.
American Soapstone Finish Co. ("The Potter"), Chester Depot, Vt.
Burdsal, A. Co., 102 S Meridian, Indianapolis, Ind
Caxton Co., 378 Wabash av, Chicago, Ill.
Felton, Sibley & Co., 136 N 4th, Phila., Pa.
LAWES, GEO. H. & CO. (Mfrs. Agt.), Gilfillan blk, St. Paul, Minn. (See adv. index, end of book)
Lucas, Jno. & Co., 4th & Race, Philadelphia, Pa.; 89 Maiden la, New York, & 55 N Jefferson, Chicago, Ill.

Black Boards (Compo Board)

NORTHWESTERN COMPO BOARD Co., Andrus bldg, Minneapolis, Minn. (See adv. index, end of book)
SOLTMANN, E. G,, 125 E 42d, New York. (See adv. index, end of book)

Black Boards (Slate)

Allen's, S. Sons, Fair Haven, Vt.
American Slate Co., 929 Chestnut, Phila., Pa.
AMERICAN SLATE CO., Board of Trade bldg, Boston. Mass. (See adv. index, end of book)
American Slate Co., East Bangor, Pa., & Easton, Pa.
American School Slate Works, Walnutport, Pa.
Auld & Conger, 262 Prospect av, Cleveland, O.
Bangor Crescent Slate Co., Bangor, Pa.
Bangor Slate Mining Co., Bangor, Pa.
Bangor Washington Slate Co., Bangor, Pa.
Bash, Chas., 101 Tremont, Boston, Mass.
Blue Valley Slate Co., Allentown & Slatington, Pa.
Carbon Slate Co., Slatington, Pa.
Catharine Slate Co., Danielsville, Pa.
Central Blackboard Works, Walnutport, Pa.
Columbia Bangor Slate Co. (The "Perfect"), Bangor, Pa.
Crown Slate Co., Pen Argyle, Pa.
Dalby, R. H. Co., Slatington, Pa.
Dernberger, Isaac D., Bangor, Pa.
Edwards Slate Co., Granville, N. Y.
Fleming Slate Co. (Green & Purple), Poultney, Vt.
General Bangor Slate Co., Easton, Pa., & Bangor, Pa.
Grand Central Slate Co., Pen Argyl, Pa.
Hahn, Granville, Walnutport, Pa.
Heimbach Slate Co., Bethlehem, Pa.
Hower, J. K., Danielsville, Pa., & Slatington, Pa.
Johnson, E. J. & Co., 38 Park row, New York
Lackawanna Slate Co., Portland, Pa.
Lobb's, Wm. Sons, Pen Argyle, Pa.
McKENNA, DAVID, Slatington, Pa.
Madoc Slate Co., Allentown, Pa.
Miller, O. A. Slate Co., Slatington, Pa.
Monson Maine Slate Co., 113 Devonshire, Boston, Mass.
Moyer, J. S. & Co., Bethlehem, & Bangor, Pa.
National School Slate Co., Bethlehem, Pa.
North Bangor Slate Co., Bangor, Pa.
Pelican Slate Mfg. Co., Pottstown, Pa., & Wind Gap, Pa.
Pelkey, W. H. (Purple & Green), Fair Haven, Vt.
Penna. Natural Slate Black Board Co., Slatington, Pa.
Penna Structural Slate Co., Easton, Pa.
Peters, E. D. & Sons, Slatington, Pa.
Provident Slate Co., Slatington, Pa.
Schoonover, R. P. & Co., Bangor, Pa.
Slatington-Bangor Slate Syndicate, Slatington, Pa.
Slatington Slate Co., Slatington, Pa., & 181 B'way, N. Y.
Steckel, Sam'l, Slatington, Pa.
Unger, John F., Slatington, Pa.; 1006 Mt Vernon, Philadelphia, Pa.
Washington Slate Co., Slatington, Pa.
Wise School Slate Co., Bangor, Pa.

Black Lead

Cooper, Chas. & Co., 194 Worth, N. Y.
Dixon, Jos. Crucible Co., Jersey City, N. J.
Kelly, Thos. P. & Co., 544 W 22d, N. Y.
OBERMAYER, S. CO., 647 Evans, Cincinnati, O.; 18th & Rockwell, Chicago, Ill.; 35th & Charlotte, Pittsburg, Pa.; Roe bldg., St. Louis, Mo.; Majestic bldg., Detroit, Mich.; Cooper bldg., Denver, Colo.; Land Title bldg., Phila., Pa., & Mission St., San Francisco, Cal. (See adv. index, end of book)
Standard Graphite Co., 11 B'way, New York

Blacksmiths' Supplies.

See Anvils;
Bellows, Blacksmiths', Etc.;
Benders, Tire, Etc.;
Bolts, Various Kinds;
Drills, Various Kinds;
Forges, Various Kinds;
Hammers, Various Kinds;
Iron, Steel & Heavy Hardware;
Iron & Steel, Bar, Ets.;
Nails, Various Kinds;
Nuts, arious Kinds;
Presses, Various Kinds;
Punches, Various Kinds;
Rivets, Various Kinds;
Shoes, Horse, Mule, Etc.;
Springs, Various Kinds;
Taps, Various Kinds;
Tools, Various Kinds;
Vises, Various Kinds;
Washers, Various Kinds;
Wrenches, Various Kinds.

For all other Specialties see Index of Contents.

Blades (Hack Saw)

(See index of contents.)

Blades (Metal Fan)

Bridgeport Brass Co., Bridgeport, Conn., & 19 Murray, N. Y.
Holmes, Booth & Haydens Co., Waterbury, Conn.

Blades (Shear)

Wildeke, Gustave & Co., Dayton, O.

Blanks (Caliper Gauge)

Corbin Screw Corporation (Internal & External), New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, Ill., & 925 Market, Phila., Pa.

Blanks, Thumb, Nut and Screw

Billings & Spencer Co., Hartford, Conn.
Keystone Drop Forge Works, 19th & Clearfield, Phila , Pa.
Penna. Iron Co., Lancaster, Pa.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago; Akron, O.; 111 Chambers, N. Y. (See adv. index, end of book)
Williams, J. H. & Co., 9 Richards, Brooklyn, N. Y.

Blast Furnace Top Filling Apparatus.

Weimer Machine Works Co., Lebanon, Pa.

Blast Furnace & Steel Works Construction

Amsler Engineering Co., Pittsburg, Pa.
Associated Engineering Co., Empire bldg, Pittsburg, Pa.
Beutner, Victor, Westinghouse bldg, Pittsburg, Pa.
BROWN HOISTING MACHINERY CO., Cleveland, O., & 26 Cortlandt, N. Y. (See adv. index, end of book)
Carroll-Porter Boiler & Tank Co. (Engineers & Contractors), Empire bldg, Pittsburg Pa., & Wellsville, O.
Forter-Miller Engineering Co., Westinghouse
Ferguson, Hugh, Smith bldg, Pittsburg, Pa.
Garrett-Cromwell Engineering Co., New England bldg, Cleveland, O.
Girard Boiler & Mfg. Co., Girard, O.
Huber, S. V. & Co. (Engineer & Contractor), Ferguson bldg, Pittsburg, Pa.
Kennedy, Julian, German Nat'l Bank bldg, Pittsburg, Pa.
Kennedy, Walter (Automatic Top Filler System), 611 Penna av, Pittsburg, Pa.
Lamond, David & Son, Ferguson bldg, Pittsburg, Pa.
Laughlin, Alex & Co., 706 Lewis blk, Pittsburg, Pa.
McClure, G. W. Son & Co., Bessemer blk., Pittsburg, Pa.
McGary, E. L., 20 Meridan, Pittsburg, Pa.
McNeil, Jas. & Bro. Co., 29th & A. V. Ry., Pittsburg, Pa.
Naismith, Geo., 6312 Berther, Pittsburg, Pa.
Pennsylvania Engineering Wks. (Engineers & Contractors), New Castle, Pa.
PETROLEUM IRON WORKS CO. (Blast Furnace), Washington, Pa., & Farmers' Bank bldg., Pittsburg, Pa. (See adv. index, end of book)
Pollock, Wm., B. Co., Youngstown, O.
Rarig Engineering Co., Columbus, O.
Reeves Bros. Co., Alliance, O.
Riter-Conley Mfg. Co., 56 Water, Pittsburg, Pa., & 39 Cortlandt, N. Y.
SCAIFE, WM. B. & SONS CO., (Engineers & Contractors), 221 1st av, Pittsburg, Pa. (See adv. index, end of book)
Smythe, S. R. Co., House bldg, Pittsburg, Pa.
Swindell, Jas. H., Publication bldg, Pittsburg, Pa.
Swindell, Wm. & Bros., Bessemer, Pa.
Treat, F. H., Empire bldg., Pittsburg, Pa.
Variety Iron Works Co., Cleveland, O.
Wellman-Seaver-Morgan Co., Cleveland, O., & Akron, O.
Wilkie, A. M. & Co., Lewis blk., Pittsburg, Pa.
Williamson Iron Co. (Engineers & Contractors), Birmingham, Ala.

Blasting Fuse, Caps, Etc.

Aetna Powder Co., 143 Dearborn, Chicago, Ill.
California Cap Co. (And Electrical Exploders, etc.), 418 California, San Francisco, Cal.
California Fuse Works, 418 California, San Francisco, Cal.
Climax Fuse Co., 271 B'way, N. Y.
Electric Exploder Co. (Electric Exploders or Blasting Machines), 120 Liberty, New York
Ensign, Bickford & Co., Simsbury, Conn., & San Francisco, Cal.
Macbeth, Jas. & Co. (Victor Electric Platinum), 128 Maiden lane, N. Y.
Metallic Cap Mfg. Co., 271 B'way, N. Y.
Rendrock Powder Co., 128 B'way, N. Y.
San Francisco Fuse Mfg. Co., 507 Cal., San Francisco, Cal
Standard Fuse Co., Winfield Junction, N. Y.
Western Fuse & Explosives Co., 200 Market, San Francisco, Cal.

Blind Adjusters.

(See Window-Blind Adjusters.)

Blinds (Inside Folding)

Currier, E. Bradley Co., 119 W 23d, N. Y.
Foster, Munger Co. (for the trade only), 20th & S Sangamon, Chicago
Morgan Co. (for the trade only), Oshkosh, Wis., & W. 22d & S Union, Chicago
Morstatt & Son, 227 W 29th, N. Y.
Paine Lumber Co. (for the trade only), Oshkosh, Wis., & 1 Madison av, N. Y.

Palmer, Fuller & Co. (for the trade only), 2244 Lumber, Chicago
Radford Sash & Door Co. (for the trade only), 192 W 22d, Chicago, & Oshkosh, Wis.
Roach & Musser Sash & Door Co. ("Victor"), Muscatine, Ia
Roberts, E. L. & Co. (for the trade only), W 22d & Union pl, Chicago
Watson Mfg. Co. (Spring & Weighted), Jamestown, N. Y.
Willer Mfg. Co., 313 Cedar, Milwaukee, Wis., 30 Reade, New York

Blinds (Inside Sliding)

Bossert, Louis & Son, Grand & Newton Creek, Brooklyn, N. Y.
Burlington Venetian Blind Co., Burlington, Vt., & 61 World bldg, New York
Currier, E. Bradley Co., 119 W 23d, N. Y.
Curtis Bros. & Co. (Wholesale Mfrs.), Clinton, Ia.
Curtis & Bartlett Co. (wholesale mfrs.), Lincoln, Neb.
Curtis & Yale Co. (wholesale mfrs.), Wausau, Wis.; Milwaukee, Wis., & Minneapolis, Minn.
DODGE, H. B. & CO., 108 La Salle, Chicago, Ill.
Hartman Sliding Blind Co., Bowling Green, Ky.
Kane Sliding Blind Co., Kane, Pa.
Monroe Screen, Blind & Partition Co., Lima, O
Morstatt, Wm., 227 W. 29, N. Y.
New Jersey Blind Co. ("Hill's"), Paterson, N. J.
Phoenix Sliding Blind Co., Phoenix, N. Y.
Roach & Musser Sash & Door Co. ("Victor," Wholesale Mfrs.), Muscatine, Ia.
Watson Mfg. Co. (Spring & Weighted), Jamestown, N. Y.
Willer Mfg. Co., 313 Cedar, Milwaukee, Wis., 30 Reade, New York

Blinds (Venetian)

Baltimore Blind Co. (outside), 18 W Camden, Baltimore, Md.
Adams-Monroe Mfg. Co. (Victoria), Lynchburg, Va.
Bostwick-Goodell Co., Norwalk, O.
Burlington Venetian Blind Co., Burlington, Vt., & 61 World bldg, New York
Curtis & Bartlett Co. (Wholesale Mfrs.), Lincoln, Neb.
Curtis & Yale Co. (Wholesale Mfrs.), Wausau & Milwaukee, Wis., & Minneapolis, Minn.
Dodge, H. B. & Co., 108 La Salle, Chicago, Ill.
Foster, Munger & Co. ("The Pease," wholesale only), 20th & Sangamon, Chicago, Ill.
Hartman Sliding Blind Co., Bowling Green, Ky.
LAWES, GEO. H. & CO. (Mfrs. Agts. for Victoria Venetian Blinds & Screens), Gilfillan blk, St. Paul, Minn. (See adv. index, end of book)
Monroe Screen Blind & Partition Co., Lima, O.
New Jersey Blind Co. ("Hill's"), Paterson, N. J.
Pease Co., Fredonia av & C. L. & N. R. R., Cincinnati, O.
Smith, John A., 456 S B'way, Los Angeles, Cal.
Watson Mfg. Co., Jamestown, N. Y.
Willer Mfg. Co., 313 Cedar, Milwaukee, Wis.
WILSON, JAMES G. MFG. CO., 3 W 29th, New York. (See adv. index, end of book)

Blocking (Adjustable)

Le Count, Wm. G., S. Norwalk, Conn.

Blocks (Broom or Brush)

Holgate Bros. Co. (Whitewash Blocks, etc.), Kane, Pa.
Mahle Boring Machine Co., Corry, Pa.
Mahle, C. A. & Son (Bored & Shaped for Horse, Scrub, Stove, Shoe Brushes, etc., & for Street & Stable Push Brooms, also for Steel Wire Brushes, Brooms, etc.) Cory, Pa.
Parkersburg Mill Co., Parkersburg, W. Va.
Peake, Henry (for Street Sweeping Brooms, etc.), Pea Brook, N. Y.
Petoskey Block & Mfg. Co. (Brush Blocks, all kinds, Turned & Shaped, Petoskey, Mich.

Blocks (Chain Hoisting)

Boston & Lockport Block Co., 160 Commercial, Boston, Mass.; 33 South, N. Y., & Lockport, N. Y.
CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
CHISHOLM & MOORE MFG. CO., Lake & Kirtland, Cleveland, O. (See adv. index, end of book)
Contractors' Plant Mfg. Co., 129 Erie, Buffalo, N. Y.
Dederick's, P. K. Sons, Albany, N. Y.
Dicke Tool Co., Downers Grove, Ill.
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y., & 42 Dey, New York. (See adv. index, end of book)
Eckstein, Chas. G. (The King), 249 Centre, N. Y.
Harrington, Edwin Son & Co., 1515 Penn av, Phila., Pa.
Jackson Mfg. Co., Harrisburg, Pa.
Laughlin, Thos., Co., Portland, Me.
LESCHEN, A. & SONS, ROPE CO., 920 N 1st, St. Louis, Mo.; 1717-23 Arapahoe, Denver, Colo.; 137 E Lake, Chicago, & 63 Wash'n, N. Y. (See adv. index, end of book)
Merriman Bros., 162 Commercial, Boston, Mass.
Reading Crane & Hoist Works, Reading, Pa.
Stuebner, G. L., Long Island City, N. Y.
Wilcox, Crittenden & Co Middletown, Conn.
YALE & TOWNE MFG. CO., Stamford, Conn.; 9 Murray, N. Y.; Phila., Pa.; Chcago, Ill.; Boston, Mass., & San Francisco, Cal. (See adv. index, end of book)

Blocks (Cutting)

KIDDER, R. E. (for Paper & Leather), 2 Hermon, Worcester, Mass.

Blocks (Deck & Snatch)

Boston & Lockport Block Co., 160 Commercial, Boston, Mass.; 33 South, N. Y., & Lockport, N. Y.
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y., & 42 Dey, N. Y. (See adv. index, end of book)
Laughlin, Thos. Co., Portland, Me.
LESCHEN, A. & SONS, ROPE CO., 920 N 1st, St. Louis, Mo.; 1717-23 Arapahoe, Denver, Colo.; 137 E Lake, Chicago, & 163 Wash'n, N. Y. (See adv. index, end of book)
Merriman Bros., 162 Commercial, Boston, Mass.
Tiebout, W. & J., 118 Chambers, N. Y.
Western Block Co., Lockport, N. Y.
Wilcox, Crittenden & Co., Middletown, Conn.

Blocks (Derrick Foot)

DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y., & 42 Dey, N. Y. (See adv. index, end of book)
Drummond, M. J. & Co., 182 B'way, N. Y.

Blocks (Differential Chain)

Boston & Lockport Block Co., 160 Commercial, Boston; 33 South, N. Y., & Lockport, N. Y.
CHISHOLM & MOORE MFG. CO., ("Moore's" Anti-Friction Pulley), Lake & Kirtland, Cleveland, O. (See adv. index, end of book)
Cohoes Iron Foundry & Machine Co., Cohoes, N. Y.
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y., & 42 Dey, N. Y. (See adv. index, end of book)
Harvey, H. H., 608 Atlantic av, Boston

Blocks (Dock)

DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y., & 42 Dey, N. Y. (See adv. index, end of book)
Laughlin, Thos. Co., Portland, Me.
Seidel, Robt. D., Reading, Pa.
Western Block Co., Lockport, N. Y.

Blocks (Hollow Building)

(See also Blocks, Hollow Concrete Building)

American Brick & Tile Co., Mason City, Ia.
American Clay Mfg. Co., Keystone bldg., Pittsburg, Pa.
American Sewer Pipe Co., Bessemer bldg., Pittsburg, Pa.
Boone Brick Tile & Paving Co., Boone, Ia.
Canton Tile Hollow Brick Co. (Plain & Rock-Faced), New Bethlehem, Pa.
Central Builders Supply Co. (Concrete), 317 Columbus, Cleveland, O.
Evansville Pressed Brick Co., Evansville, Ind.
Greer-Beatty Clay Co., Magnolia, O.
Hocking Clay Mfg. Co., Logan, Ohio.
Imperial Clay Co., New Lexington, O.
Indiana Paving Brick & Block Co. (W. W. Winslow), Indianapolis, Ind., & Brazil, Ind.
Iowa Brick Mfg. Co., Des Moines, Ia.
Louisville Brick & Tile Co., Louisville, O.
Markley, Geo. J., Mineral City, O.
Mason City Brick & Tile Co., Mason City, Ia.
Mason City Clay Works, Mason City, Ia.
Myers Clay Mfg. Co., Toronto Ont.
NATIONAL FIRE-PROOFING CO., Bessemer bldg, Pittsburg, Pa., & 170 B'way, N. Y.; Land Title bldg, Phila., Pa.; Old South bldg, Boston, Mass., & 140 Dearborn, Chicago, Ill. (See adv. index, end of book)
PALMER, H. S. 1450 Burney, Washington, D. C.
Penna. Fireproofing Co., St. Mary's, Pa.
Pittsburg Sewer Pipe & Conduit Co., Pittsburg, Kans.
Pittsburg & Buffalo Co., Frick bldg., Pittsburg, Pa.
PIONEER FIRE-PROOFING CO., 204 Dearborn, Chicago, Ill. (See adv. index, end of book)
Sioux City Brick & Tile Works, & Riverside Brick Works, Sioux City, Ia.
Straight & Campbell Brick & Tile Co., Ft. Dodge, Ia.
THOMAS, E. H. (Mfrs. Agent), 1125 B'way, N. Y.
United States Fire Proofing Corporation, 326 4th av, Pittsburg, Pa.
Whiteacre Fire Proofing Co., Waynesburg, O.

Blocks (Hollow Concrete Building)

Building Block Co., Minneapolis, Minn.
Cleveland Concrete Building Block Co. Cleveland, O.
Evansville Hollow Concrete Building Block Co. (Red, Brown & White Limestone Finish), Evansville, Ind.
Keller, Jacob, North Judson, Ind.
Morris Hollow Concrete & Construction Co., Granite City, Ill.
National Building Block Co., Milwaukee, Wis.
Rothermund, Henry, Martins Ferry, O.
Southard, J. E. & Co., Michigan City, Mich.
Standard Stone Co. of America, 140 Nassau, New York
STEVENS CAST STONE CO. ("Litholite"), 608 Chamber of Commerce, Chicago, Ill. (See adv. index, end of book)
TRUSSED CONCRETE STEEL CO. Home Office, Union Trust bldg., Detroit, Mich. Branches, 160 5th av, New York; 612 N Calvert, Baltimore, Md.; D. S. Morgan bldg., Buffalo, N. Y.; Williamson bldg., Cleveland, O.; Chemical bldg., St. Louis, Mo.; Farmers Bank bldg., Pittsburg, Pa.; 18 Toronto St., Toronto, Canada. (See adv. index, end of book)
Waterloo Artificial Stone Co., Waterloo, Iowa.
Wilmington Stone & Construction Co., Wlmington, N. C.

Blocks (Pillow)

(See Power Transmitting Machinery)

Blocks (Pulley, for Electric Light Poles)

Brady, T. H. (Brady's Sleet Proof), New Britain, Conn.
Burr Mfg. Co., Cleveland, O.
Creaghead Engineering Co., 313 Walnut, Cincinnati, O.
Cutter, Geo. Co. (Arc Lamp), 129 Fulton, Chicago, Ill.
Dicke Tool Co., Downers Grove, Ill.
Fletcher Mfg. Co., Dayton, O.
Ferdinand, L. W. & Co., Boston, Mass.
Klein, Mathias & Son, 87 W Van Buren, Chicago
STOWELL MFG. & FOUNDRY CO., South Milwaukee, Wis. (See adv. index, end of book)
Western Block Co., Lockport, N. Y.
Wilcox, Crittenden & Co., Middletown, Conn.

Blocks (Sheave, for Derricks)

Contractors' Plant Mfg. Co., 129 Erie, Buffalo, N. Y.
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y., & 42 Dey, N. Y. (See adv. index, end of book)
Pittsburg Block & Mfg. Co., 816 South av, Allegheny, Pa.

Blocks (Tackle)

BARTLETT, C. O. & SNOW CO., French nr Columbus, Cleveland, O. (See adv. index, end of book)
Boston & Lockport Block Co., 160 Commercial, Boston, Mass.; Lockport, N. Y., & 33 South, New York.
BRODERICK & BASCOM ROPE CO., 809 N Main, St. Louis, Mo., & 33 South, N. Y. (See adv. index, end of book)
Buhl Malleable Co., Wight & Adair, Detroit, Mich.
CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
Cleveland Block Co., 94 River, Cleveland, O. adv. index, end of book)
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y., & 42 Dey, N. Y. (See adv. index, end of book)
Dubuar, J. A. Mfg. Co. (Wood), Northville, Mich.
Eureka Tackle Block Mfg. Co. (All Kinds), 442 E Front, Cincinnati, O.
Fulton Iron Works (Sure Grip Steel), Detroit, Mich.
Hartz, Henry V. & Co. (Steel), Cleveland, O.
Laughlin, Thos., Co., Portland, Me.
LESCHEN, A. & SONS ROPE CO., 920 N 1st, St. Louis, Mo.; 163 Wash'n, N. Y.; 137 E Lake, Chicago, Ill., & 1717 Arapahoe, Denver, Colo. (See adv. index, end of book)
McCoy, Jos. F. Co., 157 Chambers St., N. Y.
McMillen's, W. H. Sons, 153 South, N. Y.
Merriman Bros., 162 Commercial, Boston, Mass.
National-Fulton Brass Mfg. Co. ("Sure Grip" Steel), 28 Brush, Detroit, Mich.
Pittsburg Block & Mfg. Co. (Wood or Steel Shell), 816 South av, Allegheny, Pa.
Rousseau, F. X. Mfg. Co., 564 Porter, Detroit, Mich.
STOWELL MFG. & FOUNDRY CO., South Milwaukee, Wis. (See adv. index, end of book)
UNION ELEVATOR & MACHINE CO., 144 Ontario, Chicago, Ill. (See adv. index, end of book)
Union Hardware Co., Torrington, Conn.
Walton Self Locking Block Co. (Self Locking), 404 Atlantic av, Boston, Mass.
Western Block Co. (Wood, Wrought Iron & Steel), Lockport, N. Y.
YALE & TOWNE MFG. CO., 9 Murray, N. Y.; Witherspoon bldg, Phila., Pa.; Chicago, Ill.; Boston, Mass., & San Francisco, Cal. Works, Stamford, Conn. (See adv. index, end of book)

Blocks (Wire Rope)

AMERICAN HOIST & DERRICK CO., St. Paul, Minn. Branch offices, 60 S Canal, Chicago, Ill.; 39 Cortlandt, N. Y.; Tremont bldg, Boston, Mass.; Hennen bldg, New Orleans, La., & Bldrs. Exchange, Baltimore, Md. (See adv. index, end of book)
Boston & Lockport Block Co., 160 Commercial, Boston, Mass.; Lockport, N. Y., & 33 South, N. Y.
BRODERICK & BASCOM ROPE CO., 809 N Main, St. Louis, Mo., & 33 South, N. Y. (See adv. index, end of book)
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y., & 42 Dey. (See adv. index, end of book)
HAZARD MFG. CO., WILKESbarre, Pa.; 50 Dey, New York; Conestoga bldg., Pittsburg, Pa., & 71 W Adams, Chicago, Ill. (See adv. index, end of book)
Laughlin, Thos., Co., Portland, Me.
LESCHEN, A. & SONS ROPE CO., 920 N 1st, St. Louis, Mo.; 137 E Lake, Chicago; 163 Wash'n, N. Y., & 1717 Arapohoe, Denver, Colo.(See adv. index, end of book)
21 S Canal, Chicago, & 131 Worth, New York. (See adv. index, end of book)
Macomber-Whyte-Moon Co., 131 Worth, N. Y.
MACOMBER & WHYTE ROPE CO., 21 S Canal, Chicago, & 131 Worth, N. Y. (See adv. index, end of book)
Merriman Bros., 162 Commercial, Boston, Mass.
Pittsburg Block & Mfg. Co., 816 South av, Allegheny, Pa.
Stuebner, G. L. Iron Works, Long Island City, N. Y.
Western Block Co., Lockport, N. Y.

Blocks (Wrecking)

Laughlin, Thos. Co. (With Lashing Shackles), Portland, Me.

Blocks (Yacht)

Coleman, Walter & Sons, Providence, R. I.
Laughlin, Thos. Co., Portland, Me.
Wilcox, Critenden & Co. (Brass), Middletown, Conn.

Blow Pipes & Brazing Apparatus.

Baylis Company, 140 Wash'n, N. Y.
Bernz, Otto, S 13th C S Orange av, Newark, N. J.
Best Street Light Co., Canton, O.
Boekel, Wm. & Co., 518 Vine, Phila., Pa.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Hawkridge, S., Hoboken, N. J.
Hull, J. S. Mfg. Co., 125 E Falls av, Baltimore, Md.
Kiechler Mfg. Co., Cincinnati, O.
Shreveport Blow Pipe & Sheet Iron Works, Shreveport, La.
Stortz, Jno. & Son, 210 Vine, Phila., Pa.
Turner Brass Works, Franklin & Michigan, Chicago, Ill.
WIEBER, HENRY E., Kingston, N. Y. (See adv. index, end of book)

Blower Mfrs.

(See also sub-classifications.)

Allington & Curtis Mfg. Co., Saginaw, Mich.
American Blower Co., 1400 Russell, Detroit, Mich.
ANDREWS & JOHNSON CO., 256 Washington boul, Chicago, Ill. (See adv index, end of book)
Banister, A. W., 35 Wareham, Boston, Mass.
Bayley, Wm. & Sons Co., Milwaukee, Wis.
Beggs, Jas. &Co. (Ffrs. Agts.), 109 Liberty, New York
Bethlehem Foundry & Machine Co. (the Crowell), So. Bethlehem, Pa.
Boston Blower Co., Hyde Park, Mass.
Buffalo Forge Co., Buffalo, N. Y.
Champion Blower & Forge Co., Lancaster, Pa.
Connersville Blower Co. (Rotary), Connersville, Ind.
Cornell, J. B. & C. M. Co. (The Poole), 26th & 11th, New York
Exeter Machine Works, Exeter, N. H., & 32 Oliver, Boston, Mass.
Fuller Co., 1565 Russell, Detroit, Mich.
Garden City Fan Co., 42 S Clinton, Chicago, Ill.
Hartford Blower Co., Hartford, Conn.
Humphrey Machine Co. (Fan), Keene, N. H.
Kenney & Co. (Fan), Scottdale, Pa.
Massachusetts Fan Co., Waltham, Mass.
Meadon, T. J. Son, 51 Greenpoint av, Brooklyn, N. Y.
NATIONAL BLOWER WORKS, 17th & St. Paul av, Milwaukee, Wis. (See adv index, end of book)
New England Ventilating & Heating Co., 926 Manton av, Providence, R. I.
New York Blower Co., Chicago, Ill.

Roots, P. H. & F. M. Co. (Rotary), Connersville, Ind., & 120 Liberty, N. Y.
St. Louis Blower & Heater Co., 1628 N 9th, St. Louis, Mo.
Specialty Mfg. Co., Indianapolis, Ind.
Sterling Blower & Pipe Mfg. Co., Hartford, Conn.
STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria St., London, England. (See adv. index, end of book)
Wilbraham-Green Blower Co. ("Green" Rotary Pressure), 2526 Frankford av, Phila., Pa.

Blowers (Cycloidal)

Power & Mining Machinery Co. (Horizontal), 52 William, N. Y. Works, Cudahy, Wis.

Blowers (Acid)

GUILD & GARRISON, Kent av & S 10th, Brooklyn, N. Y.
Titusville Iron Co., Titusville, Pa.

Blowers (Boiler Flue)

(See also Boiler, Flue & Tube Cleaners)

Bushnell, Jno. S. Co. ("Grimm's" Injector for Vertical Boilers), 126 Liberty, N. Y.
Sherwood Mfg. Co., 34 Washington, Buffalo, N. Y.
Sims Co., Erie, Pa.
Stewart Heater Co., 389 Norfolk av, Buffalo, N. Y.
Thompson, Richard & Co., ("Thompson's" Injector Blower Boiler Tube Cleaner), 126 Liberty, N. Y.
Union Steam Specialty Co., ("Grim" Injector & Soot-Sucker), Scranton, Pa.

Blowers (Cyclone)

Stauffer, Geo. E. (Kitson's for Burning Culm & Slack). E Stroudsburg, Pa.

Blowers (Electric)

(See also Blowers & Exhausters, Electric)

Emerson Electric Mfg. Co., 2030 Wash'n av, St. Louis, Mo., & 136 Liberty, N. Y.
Garden City Fan Co., 42 S Clinton, Chicago, Ill.
GENERAL ELECTRIC CO., SCHE- nectady, N. Y., & 44 Broad, New York. (See adv. index, end of book)
STURTEVANT, B. F. CO,. Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa., 131 Liberty, N. Y., & 147 Queen Victoria St., London, Eng. (See adv. index, end of book)

Blowers (Forge)

American Blower Co., 1400 Russell, Detroit, Mich.
Boston Blower Co., Hyde Park, Mass.
Buffalo Forge Co., Buffalo, N. Y., & 39 Cortlandt, N. Y.
Champion Blower & Forge Co., Lancaster, Pa.
Cleveland Steam Gauge Co. ("Watson"), 106 Merwin, Cleveland, O.
Garden City Fan Co., 42 S Clinton, Chicago, Ill.
NATIONAL BLOWER WORKS, 17th & St. Paul av, Milwaukee, Wis. (See adv. index, end of book)
Roots, P. H. & F. M. Co., Connersville, Ind., & 120 Liberty, N. Y.
STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston; 131 Liberty, N. Y.; 135 N 3d, Phila., Pa.; 281 S Clinton, Chicago, & 147 Queen Victoria st., London, England. (See adv. index, end of book)

Blowers (Furnace)

Scranton Steam Pump Co., ("Union"), Scranton, Pa.

Blowers (Gas, for Blowing Generators)

Boston Blower Co., Hyde Park, Mass.
Garden City Fan Co., 42 S Clinton, Chicago, Ill.
STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston; 131 Liberty, N. Y.; 135 N 3d, Phila., Pa.§ 281 S Clinton, Chicago, & 147 Queen Victoria st., London, England. (See adv. index, end of book)

Blowers (Hand)

(See also Forges, Portable.)

Boston Blower Co., Hyde Park, Mass.
Buffalo Forge Co., Buffalo, N. Y., & 39 Cortlandt, N. Y.
Champion Blower & Forge Co., Lancaster, Pa.
Comstock, Geo. S., ("Tornado"), Mechanicsburg, Pa.
Empire Forge Co., Troy, N. Y.
Foos Mfg. Co., Springfield, Ohio
Garden City Fan Co., 42 S Clinton, Chicago, Ill.
NATIONAL BLOWER WORKS, 17th & St. Paul av, Milwaukee, Wis. (See adv. index, end of book)
Roots Forge Co., Buffalo, N. Y.
Roots, P. H. & F. M. Co., Connersville, Ind., & 120 Liberty, N. Y.
Star Forge Co., 150 Terrace, Buffalo, N. Y.
STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston; 131 Liberty, N. Y.; 135 N 3d, Phila., Pa.§ 281 S Clinton, Chicago, & 147 Quecn Victoria st., London, England. (See adv. index, end of book)

Blowers (Jet)

Eynon-Evans Mfg. Co. (Steam Jet for Gas Producers, etc.), 1519 Clearfield, Phila., Pa.
McClave-Brooks Co. ("McClave's" Argand Steam Blower), Scranton, Pa.
New York Grate Bar Co. ("Coe's"), Jersey City, N. J.
Schutte, L. & Co. (Steam Jet Blowers & Exhausters), 1251 N 12th, Phila., Pa.

Blowers (Organ)

Organ Power Co. ("Orgoblo" or "Spencer" Silent), Hartford, Conn.

Blowers (Pressure)

Allis-Chalmers Co., office, Home Ins. bldg, Chicago. Works, Chicago, Milwaukee & Scranton, Pa.
American Blower Co., 1400 Russell, Detroit, Mich.; 1550 Marquette bldg, Chicago; 141 B'way, New York, & 70 Grace Church, E. C., London, Eng.
American Gas Furnace Co., Elizabeth, N. J., & 23 John, N. Y.
ANDREWS & JOHNSON CO., 256 Washington boul, Chicago. (See adv index, end of book)
Bethelem Foundry & Machine Co., ("Crowell's" Positive), So. Bethelem, Pa.
Boston Blower Co., Hyde Park, Mass.
Buffalo Forge Co., Buffalo, N. Y., & 39 Cortlandt, N. Y.
Champion Blower & Forge Co. (Steel), Lancaster, Pa.
Connersville Blower Co. (Rotary), Connersville, Ind.
Cornell, J. B. & J. M. Co. (The Poole), 26th & 11th av, N. Y.
Exeter Machine Works, Exeter, N. H., & Boston, Mass.
Garden City Fan Co., 42 S Clinton, Chicago, Ill.
Hartford Blower Co., Hartford, Conn.
Kenney & Co., Scottdale, Pa.
NATIONAL BLOWER WORKS, 17th & St. Paul av, Milwaukee, Wis. (See adv. index, end of book)
New York Blower Co., Chicago, Ill.
PAXSON, J. W. CO., 1021 N Dela- ware av, Phila., Pa. (See adv. index, end of book)
Roots, P. H. & F. M. Co. (Rotary), Connersville, Ind., & 120 Liberty, N. Y.
STURTEVANT, B. F., CO. (Steel) Hyde Park, Mass.; 34 Oliver, Boston; 131 Liberty, N. Y · 135 N 3d, Phila., Pa.; 281 S Clinton, Chicago, & 147 Queen Victoria st., London, England. (See adv. index, end of book)
Wilbraham-Green Blower Co. (The "Green" Rotary Pressure), 2526 Frankford av, Phila., Pa.

Blowers (Rotary Pressure)

Connersville Blower Co., Connersville, Ind.
Garden City Fan Co., 42 S Clinton, Chicago, Ill.
Roots, P. H. & F. M. Co., Connersville, Ind., & 120 Liberty, N. Y.
Wilbraham-Green Blower Co. (The "Green"), 2526 Frankford av., Phila., Pa.

Blowers (Steam Turbine)

De Laval Steam Turbine Co., 74 Cortlandt, New York. Works, Trenton, N. J.

Blowers & Exhausters (Electric)

(See also Blowers, Electric)

Boston Blower Co., Hyde Park, Mass.
Buffalo Forge Co., Buffalo, N. Y., & 39 Cortlandt, N. Y.
Schutte, L. & Co. (Korting Steam Jet), 1251 N 12th, Phila., Pa.
SPRAGUE ELECTRIC CO., 527 W. 34th, N. Y. (See adv. index, end of book)
STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston; 131 Liberty, N. Y.; 135 N 3d, Phila., Pa.; 281 S Clinton, Chicago, & 147 Queen Victoria st., London, England. (See adv. index, end of book)

Blowers & Exhausters (Gas).

(See Exhausters, Gas.)

Blue Print Cars and Frames

American Drafting Furniture Co., 421 Lyell av, Rochester, N. Y.

Blue Print Filing Cabinets

American Drafting Furniture Co., 421 Lyell av, Rochester, N. Y.
Butler, A. G., 284 Pearl, N. Y.
Cleveland Wire Spring Co., Cleveland, O.

Blue Print Intensifyer & Unifying Salts

SOLTMANN, E. G. (Also everything for the Architect, Engineer & Draughting Room), 125 E 42d, New York. (See adv. index, end of book)

Blue Print Paper Mfrs.

ELLIOTT ELECTRIC BLUE PRINT Co., 723 Liberty av, Pittsburg, Pa. (See adv. opp. page)

Seaman Bros. Co.

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Philadelphia, Pa. U.S.A. M.M.B.

Nov. 6, 1903.

S. E. Hendricks Co.,
New York City, N.Y.

Gentlemen:

We are in receipt of an inquiry from N. Fraibant, Charleroy, Belgium, for the name of a directory giving all the manufacturers of hardware in this country. We are writing to this party today, recommending your publication. In case you so desire it may be well for you to communicate with him direct.

Trusting this may lead to business for you, we are,

Very truly yours,

THE PHILADELPHIA COMMERCIAL MUSEUM.



ELGIN NATIONAL WATCH COMPANY.

FACTORIES, ELGIN, ILL.
GENERAL OFFICES, 78 MONROE ST., CHICAGO.
NEW YORK OFFICE, 11 JOHN ST.
SAN FRANCISCO OFFICE, 508 KEARNY ST.

Elgin, Ills., April 13, 1903.

S. E. Hendricks Co.,
76 Elm St.,
New York City.

Gentlemen:-

We are desirous of obtaining the addresses of one or two firms, who can figure on 500 Chuck Blanks, made as per enclosed blue print. We are unable to locate such firms from your Commercial Register, and therefore take advantage of the privilege of writing you for information.

We enclose a stamped envelope for reply, and thank you in advance for your trouble.

Yours truly,

Elgin National Watch Co.

per E. Herbster



November 29, 1904.

S.E.Hendricks Co.,
76 Elm St.,
New York, N.Y.

Gentlemen:-

Referring to your favor of the 25th. We are writing the Standard Supply & Equipment Company direct.

Yours very truly,

Coes Wrench Co.

AMERICAN CAR AND FOUNDRY COMPANY.

LINCOLN TRUST BUILDING

PURCHASING DEPARTMENT ST LOUIS

Apr. 2, 1904.

S.E.Hendricks Co.,
76 Elm St.,
New York, N.Y.

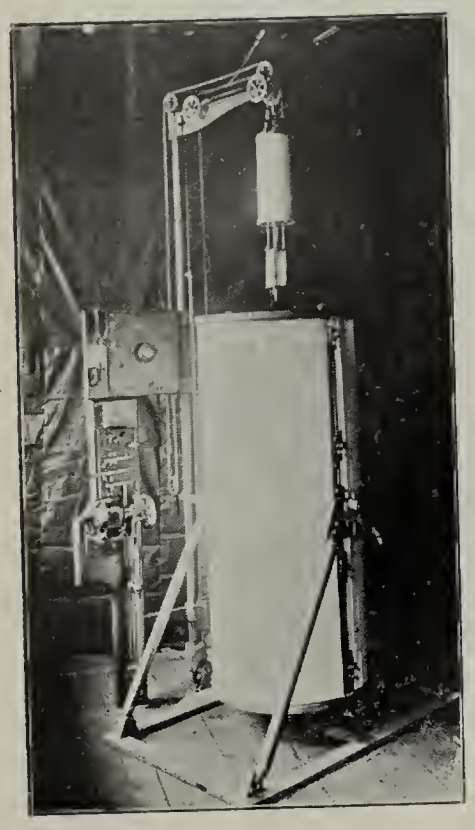
Gentlemen:-

Your favor 21st received. I have written the Saginaw Milling Co. I thank you for the pains you have taken to give us their address.

Yours truly,

A. A. Bixby

Ass't Pur. Agent.



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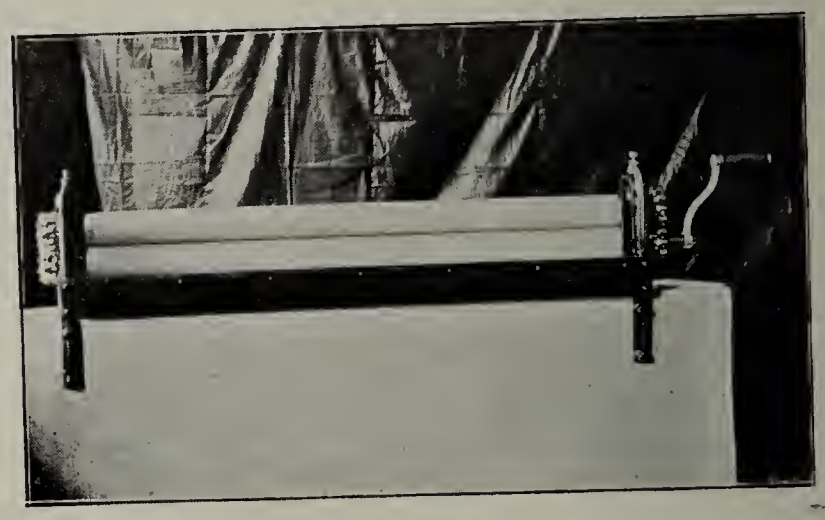
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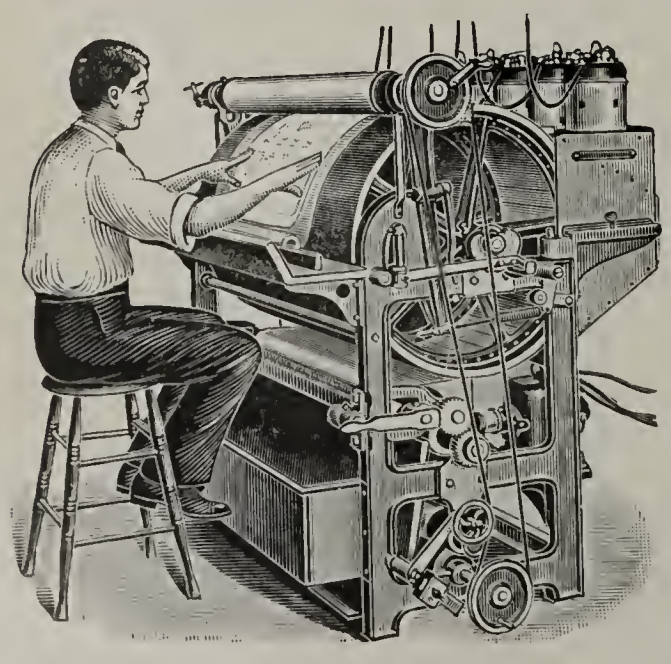
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DIETZGEN, EUGENE CO. (Automatic Electric), 181 Monroe, Chicago, Ill.; 119 W 23d, N. Y., & 14 1st, San Francisco, Cal.
PITTSBURG BLUE PRINT CO. (Electric), Park bldg., Pittsburg, Pa. (See insert opp. this page)
SPAULDING PRINT PAPER CO. (Continuous Combinatlon Sun & Electric), 44 Federal, Boston, Mass. (See insert opp. this page)
Williams, Brown & Earle (Automatic Electric), 918 Chestnut, Phila., Pa

Blue Prints (By Electric Light)

PITTSBURG BLUE PRINT CO., Park bldg, Pittsburg, Pa. (See inset. opp.)

Blue Vitriol

(See Battery Chemicals.)

Blue & Black Prints & Papers

Aloe, A. S. Co., 513 Olive, St. Louis, Mo.
American Blue Print Paper Co., 102 E Van Buren, Chicago, Ill.
Barcley, Jos. D., 1411 Filbert, Phila., Pa.
Beatty, F. W., 169 William, N. Y.
Blue & Blank Print Co., 110 Franklin, Buffalo, N. Y.
Blue Print Co., 1520 Chestnut, Phila., Pa.
Blumhard, C. A. Blue Paper Co., 38 S 6th, Phila., Pa.
Boston Blue Print Co., 12 India, Boston, Mass.
Chicago Blue Print Co., 100 Adams, Chicago, Ill.
Christensen, H. B. Co., 33 Murray, New York.
Cincinnati Blue Print Co., 141 E 4th, Cincinnati, O.
Cole, H. Co., 82 N High, Columbus, O.
DIETZGEN, EUGENE, CO., 181 Monroe, Chicago, Ill.; 119 W 23d, N. Y., & 14 1st, San Francisco, Cal. (See adv. index, end of book)
ELLIOTT ELECTRIC BLUE PRINT Co., 723 Liberty av. Pittsburg. Pa. (See insert opp. this page)
FARNHAM, H. A., 936 F., N. W., Washington, D. C. (See adv. index, end of book)
FURLEY, W. & L. E., Troy, N. Y.
INDIANAPOLIS BLUE PRINT & SUPply Co., 142 N. Illinois, Indianapolis, Ind. (See adv. index, end of book)
KEUFFEL & ESSER CO., 127 Fulton, New York; 111 Madison, Chicago, Ill.; 706 Locust, St. Louis, Mo., & 303 Montgomery, San Francisco, Cal.
Keystone Blue Paper Co., 910 Filbert, Phila., Pa.
KOLESCH & CO., 138 Fulton, N. Y. (See adv. index, end of book)
Kopp, Geo. L. & Co., 538 Smithfield, Pittsburg, Pa.
McCollin, Thos. H. & Co., 54 N 9th, Phila., Pa.
Moss, Chas. E., 38 Broad, Boston, Mass.
National Blue Print Co., 13 W. 22d, N. Y.
New York Blue Print Paper Co., 58-60 Reade, N. Y.
New York Multi-Color Copying Co., 1 State, New York
Perless Blue Print Co., 121 W 24th, N. Y.
Penn. Blue Print Co., 100 Arch, Phila., Pa.
PITTSBURG BLUE PRINT CO., 1505 Park bldg, Pittsburg, Pa. (See insert opp. this trade)
POST, FRED'K CO., 218 S Clark, Chicago. (See adv. Index, end of book)
Power Wallace Co., 1219 Arch, Phila., Pa.
QUEEN & CO., 1010 Chestnut, Phila., Pa., & 59 5th av, N. Y. (See adv. Index, end of book)
RUCKERT, LOUIS, Laclede bldg, St. Louis, Mo. (See adv. index, end of book)
Schwencke, Kirk & Co., 26 Church, N. Y.
Smith, G. W., 915 Arch, Philadelphia, Pa.
SOLTMANN, E. G. (Also everything for the Architect, Engineer & Draughting Room), 125 E 42d, N. Y. (See adv. bottom of page)
SPAULDING PRINT PAPER CO., 44 Federal, Boston, Mass. (See insert opp. this page)
STIEREN, WM. E, CO., 544 Smithfield, Pittsburg, Pa. (See adv. index, end of book)
UNITED STATES BLUE PRINT Paper Co., 263 Lasalle, Chicago, Ill.
WEBER, F. & CO., 1125 Chestnut St., Phila., Pa.; 709 Locust, St. Louis, Mo., & 5 N Charles, Baltimore, Md. (See adv. index, end of book)
Taws, Henry M., 920 Arch, Philadelphia, Pa.
Williams, Brown & Earle, 918 Chestnut, Phila., Pa.
YOUNG & SONS, 43 N 8th, Phila., Pa. (See adv. index, end of book)

Boards (Friction)

American Straw Board Co., 84 Van Buren, Chicago
Hewitt, C. B. & Bros., 48 Beekman, New York
Manhattan Straw Board Co., 143 Wooster, N. Y.
Paper Products Co., ("Auburn," "Upland" & "Sherman"), 17 Battery pl., N. Y.

Boards (Hanger)

Adams-Bagnall Electric Co., Cleveland, O.
Brady, T. H., New Britain, Conn.
Chicago Edison Co., 139 Adams, Chicago, Ill.
Cornwell, R, M. Co., 416 S Salina, Syracuse,
Cutter, Geo. Co., 125 Fulton, Chicago, Ill.
Electric Appliance Co., 94 W Van Buren, Chicago, Ill.
Fort Wayne Electric Works, Fort Wayne, Ind.
Jones, J. & Son, 64 Cortlandt, N. Y.
K. & W. Co., Pittsfield, Mass.
Knowles, C. S., 9 Arch, Boston, Mass.
Lundin Electric & Machine Co. ("S. L."), 176 Federal, Boston, Mass.
Safety Electric Switch Co. (Fire Proof), Providence, R. I.
Western Electric Co., 259 S Clinton, Chicago, & 57 Bethune, New York.
Worcester Electric Mfg. Co., Worcester, Mass.

Boards (Panel, Etc.)

(See Switchboards, Light & Power.)

Boards (Shoveling)

Farm Tool Mfg. Co. ("The Acme"), Carrollton, Mo.
Nagley Mfg. Co. (The Sampson), Lyons, N. Y.

Boards (Sounding)

Chamberlain & Lewis, North Troy, Vt.

Boards (Tar)

Paper Products Co., 17 Battery pl., N. Y.

Boats (Auto)

Smith & Mabley Mfg. Co., 614 E 83d, N. Y.

Boat & Launch Trimmings

Twentieth Century Brass & Iron Works, Minneapolis, Minn.

Boats (Canvas Folding)

King Folding Canvas Boat Co., Kalamazoo, Mich.

Boats (Steel)

Michigan Steel Boat Co. (also Wood), Detroit, Mich.
Mullins, W. H., Salem, O.

Boiler Arch Plates.

Lamprey Co., Westfield, Mass.

Boiler Arches.

Evens & Howard Fire Brick Co., 920 Market, St. Louis, Mo.
McLeod & Henry Co. (Fire Brick), Troy, N. Y.
MAURER, HENRY & SON, 420 E 23d, N. Y.: Penna bldg, Phila. Pa. Works, Maurer, N. J. (See adv. inside front cover)
Wickes Bros., Saginaw, Mich.

Boiler Blow-off Protector.

Mather, Edmund, Harrisburg, Pa.

Boiler Brace Mfrs.

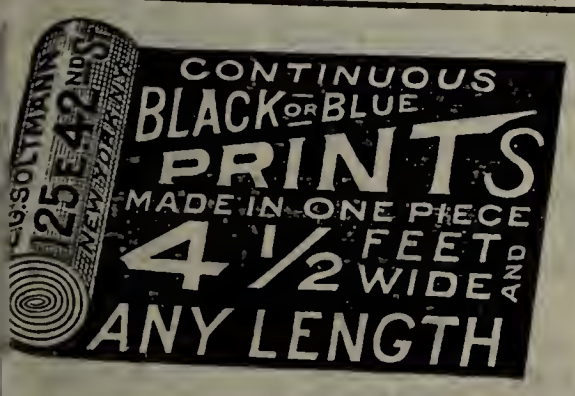
Central Iron & Steel Co., Harrisburg, Pa.
Jones, B. M. & Co., 159 Devonshire, Boston, Mass., & 143 Liberty, N. Y.
Lukens Iron & Steel Co., Coatesville, Pa.
Ryerson, Jos. T. & Son, ("McGregor"), 18 Milwaukee av, Chicago, Ill.
Scully Steel & Iron Co. (The McGregor), 140 Fulton, Chicago, Ill.
Ulster Iron Works, Dover, N. J.
Worth Bros. Co., Coatesville, Pa.

Boiler Cleaners.

(See Boiler Flue & Tube Cleaners.)

Boiler Compounds.

American Boiler Purger Co., 105 John, New York
Anchor Boiler Compound Co., Indianapolis, Ind.
Arlington Mfg. Co. (Vegetable), Canton, O.
Arrow Boiler Compound Co., ("Arrow"), Laclede bldg, St. Louis, Mo.



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Bauchelle Mfg. Co., 76 Park pl, New York
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Champion Oil Co., W 39th & Lowe av, Chicago.
Cherry Chemical Co. ("Red Seal"), 1215 Filbert, Philadelphia, Pa.
Chrysolite Drug & Chemical Co., 61 Pearl, New York
Crescent Mfg. Co., 28 Columbus, Cleveland, O.
Dalzell, Jas. & Son Co., 107 Water, Pittsburg, Pa.
Dayton Boiler Compound Co., Dayton, O.
Dearborn Drug & Chemical Works, Riato bldg, Chicago, Ill.
Diana Oil Works ("Benton's"), Cleveland, O.
DuMond, Wm. R., 39 South, New York.
Eagle Oil & Supply Co. (U. S. Standard), 104 Broad, Boston, Mass.
Engel & Fagersten Chemical Co., ("Neptune"), 1702 Wabash av, Chicago, Ill.
Excelsior Boiler Compound Co., Franklin bldg., Phila., Pa.
Follina, M. S. Co. ("Anticrusta"), 24 State, N. Y.
Fort Wayne Steam Specialty Co. ("S. S. S."), Fort Wayne, Ind.
Gallaway, G. W. ("Heichstadter's"), 322 Pearl, New York.
General Specialty Co. ("Torpedo"), Buffalo, N. Y.
Gilmour, R. M. Mfg. Co., 105 John, N. Y.
Goldstein, Wm., 630 Water, New York
Griffiths, A. Judson, 229 S. Front, Phila., Pa.
Grosche, Bruno, 27 William, N. Y.
Hannan & Sons, 103 Furman, Brooklyn, N. Y.
Helbing, A. J. & Co., 168 River, Cleveland, O.
Hull Bros., South Bend, Ind.
Hunt, Jas. B. Mfg. Co. ("The Hunt"), Trenton, N. J.
Imperial Chemical Co., 519 N American, Philadelphia, Pa.
Indianapolis Chemical Co. ("Acme"), Indianapolis, Ind.
Ineson, Wm., 71 Steuben, Brooklyn, N. Y.
International Boiler Compound Co., 47 Market, Chicago
Ironsides Co., The Wyandotte, Columbus, O.
Johnson Compound & Supply Co. ("Sumac"), Rochester, N. Y.
Keasbey & Mattison Co., Main Office & Works, Ambler, Pa.; Branches, 84 John, New York; 1111 14th, N. W. Washington, D. C.; 117 Water, Cleveland, O.; 208 Lake, Chicago, Ill.; 154 Pearl, Boston, Mass.; 110 N Forsyth, Atlanta, Ga.; 214 S Peters, New Orleans, La.; Granite blk, St. Louis, Mo.; 528 Main, Cincinnati, O.; 187 Liberty av, Pittsburg, Pa.; 350 E Water, Milwaukee, Wis.; 307 S 6th, Minneapolis, Minn.; 325 W Michigan, Duluth, Minn., & 18 E 3d, St. Paul, Minn.
Kenzel, Jno. S., 19 New Chambers, New York.
Keystone Chemical Mfg. Co. ("Keystone," Tri-Sodum Phosphate), Camden, N. J., & Chicago, Ill.
Lake Erie Compound Co. ("Red Star"), Buffalo, N. Y.
Land & Marine Supply Co. (Anticrusta), Hoboken, N. J.
Lord, Geo. W. Co., 2238 N 9th, Phila., Pa.
Lynch, Wm., 32 Bay, Brooklyn, N. Y.
Marine Boiler Compound Co., 877 Brook av, New York
McJilton & Co., 79 Irving, Brooklyn, N. Y.
Metropolitan Steam Boiler Compound Co., 26 Court, Brooklyn, N. Y.
Mohawk Refining Co., 102 River, Cleveland, O.
National Chemical Works, Cragin, P O Station, Chicago
Nonkoroda Co., 25 New Chambers, New York
Nuhring, Chas., 907 Walnut, Cincinnati, O.
Omaha Boiler Compound Co., 1815 Maple, Omaha, Neb.
O'Neil Oil & Paint Co. ("O'Neils"), 297 Water, Milwaukee, Wis.
Parsons Chemical Co. ("A. B. C. Alkali"), Masonic Temple, Chicago, Ill.
Pittsburg Boiler Scale Resolvent Co., Park bldg., Pittsburg, Pa.
Reliance Oil & Grease Co., 50 South, New York.
Rhoads, Irwin G., 104 S Water, Phila., Pa.
Scalesolvent Co., 17 John, New York
Smith, Kline & French Co. ("McNelly's," American), 429 Arch, Phila., Pa.
Solvo Co. of America, 8 S William, N. Y.
Stafford's Protective Boiler Compound Co., (In powdered form), Little Falls, N. Y.
Standard Boiler Cleaner Co. (King's Standard Solvent), Quincy, Ill.
Standard Boiler Compound Co. ("Standard"), Bradford, Pa.
Standard Compound Co. ("Kemolite"), Newark, N. J.
Standard Compound Co., (of Dayton), Dayton, O.
Star Lubricating Oil Co., 822 Kinsman, Cleveland, O.
Steam Appliance Co., Milwaukee, Wis.
Stephenson Mfg. Co. ("Stephenson"), Albany, New York
Straus & Co. (Boilerine), 55 Broad, New York
Streett, J. D. & Co., 809 N 2d, St. Louis, Mo.
Superior Chemical Compound Works, Medinah Temple, Chicago
Thompson, Walter M., 835 W 5th Cincinnati, O.
U. S. Boiler Cleaning Compound Co., Betz bldg., Philadelphia, Pa.
Van Dusen, E. W. Co., 428 E 2d, Cincinnati, O.
Vulcan Asbestos Co. (Zincra), 116 Maiden la, New York
Wadhams Oil Co., 215 Nat'l av (Eureka), Milwaukee, Wis.
Warley, Thos. C. & Co., 221 S Front, Phila., Pa.
Warren & Bailey Mfg. Co. (Acme), 300 S Los Angeles, Cal.
Williamson, J. J. & Co., 14 Dey, New York
Wilson, Clark Co., Caxton bldg., Cleveland, O.
Wilson Co., ("Wilson"), 18 B'way, N. Y. Works, Long Island City, N. Y.
Wing, J. T. & Co., 19 Woodward av, Detroit, Mich.
Winn, Wm. R., ("Winn"), 143 Maiden lane, N. Y.
Zurn, O. F. Co. ("Peerless"), 408 Vine, Philadelphia, Pa.

Boiler Coverings.

(See Pipe & Boiler Coverings.)

Boiler Dealers.

(See Machinery Dealers)

Boiler Flue & Tube Cleaners.

(See also Brushes (Boiler Flue.)

Atlas Pipe Wrench Co. (Tube Cleaners), Flood bldg, San Francisco, Cal., & 121 Liberty, N. Y.
Baker-Smith Co., (Flue Cleaners), Oswego, N. Y.
Berry Egineering Co., Chester, Pa.
Buckeye Boiler Skimmer Co. ("Buckeye" Automatic Boiler Skimmers), Toledo, O.
Bushnell, John S. Co. ("Grimm's" Injector Blower for Vertical Boilers, also Soot Suckers), 126 Liberty, N. Y.
Cappon, John, 198 Commercial, Rochester, N. Y.
Challenge Mfg. Co. (Pipe & Tube Cleaners), Lynn, Mass.
Champion Flue Scraper Co., Peoria, Ill.
Chesterton, A. W. & Co., ("Ingalls" Tube Scraper, "Engineers Favorite" & "Wonder" Tube Cleaner, Combination Scraper & Brush, "Abram" Tube Brush & Spiral Tube Brush, etc.), 64 India, Boston, Mass.
CINCINNATI MFG. CO., 1243 W 6th, Cincinnati, O. (See adv. index, end of book)
Cleveland Flue Cleaner Mfg. Co. (JJ. E. Rundle, Prop.), 74 Frankfort, Cleveland, O.
Coggeshall Mfg. Co., ("Coggeshall" Hammer, Steam & Boiler Tube Cleaner, Steel Flue Brushes & Tube Scrapers), 136 Liberty, N. Y.
Crescent Mfg. Co., 24 Centre, Cleveland, O.
Curzon & Ross ("Parachute Scraper & Cleaner"), Madison, Ind.
Doolittle, S. B., ("Doolittle's-Perfect" Flue Cleaner with Shear Cutting Knives), Binghamton, N. Y.
Erie Mfg. & Supply Co. (The Perfection), Erie, Pa.
Faries Mfg. Co. (Tube), Decatur, Ill.
Faries Mfg. Co., ("Faries" Self-Expanding & Contracting Tube Cleaner), Decatur, Ill.
Ford Automatic Boiler Cleaner Co., St. Louis, Mo.
Forest City Brass Works (The Buckeye), 90 Merwin, Cleveland, O.
Francis & Morton Machine Co., Ring nr. Main, Myk., Phila., Pa.
Franklin, Benj. (The Boss), 3 Phelps av, Rochester, N. Y.
Gem Mfg. Co., ("Gem" Flue Scrapers & "Union" Boiler Tube Cleaners), 200 Wood, Pittsburg, Pa.
General Specialty Co., ("Torpedo" Tube Cleaner), Buffalo, N. Y.
Gilmore Tube Scraper Co., ("Gilmore" Tube Scraper), 200 Terrace, Buffalo, N. Y.
Globe Brass Co. (Cyclone), 15 Macomb, Detroit, Mich.
Greenwood & Daggars Co., "Greenwood Hot Blast Flue Blower," 220 Franklin, Boston, Mass.
Griffiths, Jas. A. (The "Cook"), 500 N 12th, Philadelphia, Pa.
Houghton, E. F. & Co., 240 W. Somerset, Phila., Pa.
Hubbard & Co., ("Knox" Tube Cleaners & "Phoenix" Flue Cleaner), Washington, D. C.
Huyette, Paul B., "Tornado" Air Blower, Tube or Flue Cleaner), Betz bldg, Phila., Pa.
Jackson Fine Scraper Co. ("Richards" Flue), Jackson, Mich.
Jarecki Mfg. Co., (The Hurley Freeman), Erie, Pa., & Pittsburg, Pa.
Lagonda Mfg. Co., (The "Weinland" Water Power Tube Cleaner), Springfield, O.
Liberty Mfg. Co., ("Liberty" & "Chicago," "Niagara" Turbine), 6907 Susquehanna, Pittsburg, Pa.
LUNKENHEIMER CO., General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, N. Y., & 35 Great Dover St., London, S. E., Eng. (See adv. index, end of book)
McCrea, Jas. & Co., ("Butman" Ball Joint Flue Scraper Rod), 67 W Washington, Chicago
McLaughlin, Geo. T. Co., 120 Fulton, Boston, Mass.
Manchester Mfg. Co. ("The Meyers," Automatic, N Manchester, Ind.
Matthews, W. N. Bro., "Steam Scale Knockers," St. Louis, Mo.
Mechanical Boiler Cleaner Co., ("Garrigus," Mechanical Boiler Cleaner), 123 S Desplaines, Chicago
Michigan Lubricator Co., ("Correct" Steam Flue Cleaner & "King" & "Essex" Adjustable Flue Scrapers), 663 Beaubien, Detroit, Mich.
Mulholland, J. H. (The Spencer), 80 Elm, New York
New Century Mfg. Co. (The Gem), Dayton, O.
Ordway & Co., (Double End Shear Edge Flue Scraper), Peoria, Ill.
PAXSON, J. W. CO., 1021 Delaware av, Phila., Pa., (See adv. index, end of book)
PEDRICK & AYER CO. ("Otto"), 85, 87, 89 Liberty, New York, N. Y. Works: Plainfield, N. J.
Pierce, W. B. Co. (The "Dean," Tube Cleaner), Jewett bldg., Buffalo, N. Y.
Pilley Packing & Flue Brush Mfg. Co., 606 S 3d, St. Louis, Mo.
Power Specialty Co., ("Diamond" Steam Tube Cleaner), Detroit, Mich.
Register's, J. Sons Co. (Boiler Cleaners), 49 W. Holliday, Baltimore, Md.
Robertson, Jas. L. & Sons ("The Hurricane"), 204 Fulton, N. Y.
Rossell, T. J., ("Rossell" Pneumatic Flue Cleaner), 21 Hamilton, New Haven, Conn. av, Pittsburg, Pa. (See adv. index, end of book)
Ruffner & Son, Falls of Schuylkill, Phila., Pa.
St. John, G. C. ("St. John," Tube Cleaner), 143 Liberty, N. Y.
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)
Schaefer, C. & O. Mach & Novelty Co. ("Xlcr," Boiler Tube Cleaner), Louisville, Ky.
Seehausen, Wehrs & Co. (The Lukens), 11 S Canal, Chicago, Ill.
Sherwood Mfg. Co. (Flue Scrapers), 34 Wash'n, Buffalo, N. Y.
Standard Boiler Cleaner Co. ("Kings" Steam Circulating Boiler Cleaner), Quincy, Ill.
Stephenson Mfg. Co. (Rollins Self-Expanding), Albany, N. Y.
Stewart Heater Co. (Red Jacket & Favorite), 389 Norfolk av, Buffalo, N. Y.
Thompson, Richard & Co. ("Thomson's 20th Century" Tube Cleaner or Injector Blower), 126 Liberty, N. Y.
Turner & Brownlie, 300 E Court, Des Moines, Iowa
Voorhees, John H., Met. av, & Newtown Creek, Brooklyn, N. Y.
Warley, Thos. C. & Co., 221 S Front, Phila., Pa.
Wing, J. T. & Co. ("The Detroit" Flue Cleaners), 19 Woodward av, Detroit, Mich.

Boiler Fronts.

AMERICAN BRAKE SHOE & FOUNDry Co., Mahwah, N. J.; 170 B'way, N. Y., & Western Union bldg, Chicago, Ill. (See adv. index, end of book)

Ames Iron Works, Oswego, N. Y.
Best, John (Estate of), Lancaster, Pa.
Cambridge Foundry Co., Cambridge, O.
Chickasaw Iron Works, Memphis, Tenn.
Eddy, R. M. Foundry Co., 59 Indiana, Chicago, Ill.
Erie City Iron Works, Erie, Pa.
Erie Engine Works, Erie, Pa.
Freeman, S. & Sons Mfg. Co., Racine, Wis.
Haney & Spieker, 125 W 2d, Cincinnati, O.
Harrisburg Foundry & Machine Works, (Colonial Style), Harrisburg, Pa.
Harrisburg Mfg. & Boiler Co., Harrisburg, Pa., & 95 Liberty, N. Y.
Kelly Foundry & Machine Co., Goshen, Ind.
Kenney & Co. (Furnaces), Scottdale, Pa.
Kutztown Foundry & Machine Co., Kutztown, Pa., & Fidelity bldg, Phila., Pa.
MINNEAPOLIS STEEL & MACHINERY Co., Minneapolis, Minn. (See adv. index, end of book)
Munroe, R. & Sons, Corporation, 23d & Smallman, Pittsburg, Pa.
Murray Iron Works Co., Burlington, Ia.
Niver Iron Works Co., Muscatine, Ia.
Nordyke & Marmon Co., (& Fixtures of all kinds), 1101 Morris, Indianapolis, Ind.
Paxton & Vierling Iron Works, Omaha, Neb.
Peacock's Iron Works, Selma, Ala.
Power & Mining Machinery Co., 52 William, N. Y. Works, Cudahy, Wis.
Ricard Boiler & Engine Co., 700 Water, Toledo, Ohio
Southern Engine & Boiler Works (Inc.), Jackson, Tenn.
Toledo Foundry & Machine Co., Toledo, O.
Valley Iron Works, Williamsport, Pa.
Vulcan Iron Works, Wilkesbarre, Pa.
Vulcan Iron Works Co., Toledo, Ohio

Boiler Heads (Flanged).

American Forged Steel Co., 64 Wabash av, Chicago, Ill.
Avery Stamping Co., Lake & Coe, Cleveland, O.
Central Iron & Steel Co., Harrisburg, Pa.
Coatsville Rolling Mill Co., (Also Dished Boiler Heads), Coatesville, Pa.
Glasgow Iron Co. (Flange & Dished, Steel), Pottstown, Pa., & 1502 Market, Phila., Pa.
Lukens Iron & Steel Co., Coatesville, Pa.
Phillips, Nimick & Co., Pittsburg, Pa.
Ryerson, Jos. T. & Son, 22 Milwaukee av, Chicago, Ill.
Springfield Boiler & Mfg. Co., Springfield, Ill.
Worth Bros. Co. (Flange & Dished), Coatesville, Pa.

Boiler Heads (Pressed Steel).

PRESSED STEEL TANK CO. (Also Tank Heads), 718 Hanover, Milwaukee, Wis. (See adv. index, end of book)

Boiler Lugs.

Castle, A. M. & Co. ("The Drake" Castle Pressed Steel), 54 S Canal, Chicago
Glasgow Iron Co. (Pressed Steel), Pottstown, Pa., & 1502 Market, Phila., Pa.
Lukens Iron & Steel Co., Coatesville, Pa.
Ryerson, Jos. T. & Son, (Inc.), 22 Milwaukee, Chicago
Worth Bros. Co., Coatesville, Pa.

Boiler Makers' Press & Punching Table Combined

Bliss, E. W. & Co., 19 Adams, Brooklyn, N. Y.

*Boiler Purifiers.

LUNKENHEIMER CO., General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, New York, & 35 Great Dover st., London, S. E. (See adv. index, end of book)
SCAIFE, WM. B. & Sons CO., 221 1st av, Pitsburg, Pa. (See adv. index, end of book)

*Boiler Purifying Apparatus.

SCAIFE, WM. B. & Sons CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)

Boiler Saddles (Cast Steel)

AMERICAN BRAKE SHOE & FOUNDry Co., Mahwah, N. J.; 170 B'way, N. Y., & Western Union bldg, Chicago, Ill. (See adv. index, end of book)

Boiler Saddles (Pressed Steel).

Central Iron & Steel Co., Harrisburg, Pa., & Real Estate Trust bldg, Phila., Pa.
Glasgow Iron Co., Pottstown, Pa., & 1502 Market, Phila., Pa.
Lukens Iron & Steel Co., Coatesville, Pa.
Worth Bros. Co., Coatesville, Pa.

Boiler Scale Preventing and Water Circulating System

GOSS ENGINEERING CO. (By Excess Steam Pressure), 204 Dearborn, Chicago, Ill.

Boiler Stands (Range).

Crawford Specialty Co., 311 Warren, Boston, Mass.
Fleck Bros. Co., 44 N 5th, Phila., Pa.
Gregory, Thos. (Galvanized), 63 Frost, Brooklyn, N. Y.
Iron Clad Mfg. Co., 4 Cliff, N. Y.
Koven, L. O. & Bro. (Galvanized), 50 Cliff, N. Y.
Kupferle, John C., St. Louis, Mo.
Lawler Water, Feed & Damper Regulator Co., (Aujustable), 181 Mercer, N. Y.
Modern Iron Works, Quincy, Ill.
Northwestern Foundry & Supply Co., Orleans & Grand boul., Detroit, Mich.
SCAIFE, WM. B. & SONS CO. (Galvanized Iron), 221 1st av, Pittsburg, Pa. (See adv. index, end of book)

Boiler Tubes.

(See also Pipe & Tube Mills.)

Coatesville Rolling Mill Co., (Lap Welded Charcoal Iron 1 1-2 to 6 in. Diameter), Coatesville, Pa.
La Belle Iron Works, Steubenville, O.
Mark Mfg. Co. (Lap Welded), Zanesville, O.
Monongahela Tube Co., Ferguson bl'k, Pittsburg, Pa.
National Tube Co., Frick bldg., Pittsburg, Pa., & 24 State, N. Y.
Reading Iron Co., Reading, Pa.
Spang, Chalfant & Co., Allegheny, Pa.
Tyler Tube & Pipe Co., Washington, Pa.
United States Tube Co., D. S. Morgan bldg, Buffalo, N. Y.
Worth Bros. Co., Coatesville, Pa.

Boiler Washers

Rossell, T. J., ("Rossell" Hot Water), 21 Hamilton, New Haven, Conn.

Boiler Washing & Testing Apparatus.

Nathan Mfg. Co., 92 Liberty, N. Y., & Old Colony bldg, Chicago, Ill.
Rue Mfg. Co., 215 Race, Phila., Pa.
SCAIFE, WM. B. & Sons CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)

Boilers (Automobile)

Janney, Steinmetz & Co., "Seamless Steel," Drexel bldg., Phila., Pa.
Salamandrine Boiler Co., 220 Broadway, N. Y.
PRESSED STEEL TANK CO. (Pressed Steel), 720 Hanover, Milwaukee, Wis. (See adv. index, end of book)
Seamless Structural Co. (Seamless Pressed Steel), Milwaukee, Wis
Steam Carriage Boiler Co., Oswego, N. Y.
Tonkin Boiler Co., Oswego, N. Y.

Boilers (Bath)

(See Boilers, Range, Galvanized Iron.)

Boilers (House Heating)

(See Heaters, Steam & Hot Water.)

Boilers (Locomotive, Fire Box)

Kewanee Boiler Co., Kewanee, Ill., & Chicago, Ill.
PETROLEUM IRON WORKS CO., Washington, Pa., & Farmers' Bank bldg, Pittsburg, Pa. (See adv. index, end of book)
Power & Mining Machinery Co., 52 William, N. Y. Works, Cudahy, Wis.

Boilers (Portable, on Wheels)

Chandler & Taylor Co., 740 W Wash, Indianapolis, Ind.
Erie City Iron Works, Erie, Pa.
Freeman, S. & Sons Mfg. Co., Racine, Wis.
Frick Co., Waynesboro, Pa.
Holthoff Machinery Co., Cudahy, Wis.
Marietta Boiler Works, Marietta, O.
Munroe, R. & Son, 23d & Smallman, Pittsburg, Pa.
Oil City Boiler Works (Inc.), Oil City, Pa., & 39 Cortlandt, New York
Phoenix Iron Works Co., Meadville, Pa.
Southern Engine & Boiler Works (Inc.), Jackson, Tenn.
Struthers, Wells Co., Warren, Pa.; 26 Cortlandt, N. Y., & Pittsburg, Pa.
Union Iron Works, 222 Market, San Francisco, Cal.
Vulcan Iron Works, Wilkesbarre, Pa.

Boilers (Range, Copper)

Badger, E. B. & Sons Co., 65 Pitts, Boston, Mass. (See adv. index, end of book)
Blessing, C. A., 516 Montgomery av, Phila., Pa.
Coltman, H. W. & Co., 84 Marginal, Boston, Mass.
Hayes Mfg. Co. ("Wilhelme," "Modern" & "Manhattan"), Paterson, N. J.
Jochum, Andrew, 148 E 50th, N. Y.
McShane, Hy. Mfg. Co., 441 North, Baltimore, Md., & 81 Fulton, N. Y.
Manchester, Jas. B. Co., Providence, R. I.
Randolph-Clowes Co. (Brown Bros. "Seamless"), Waterbury, Conn.
Reardon, Jno., 111 Albany, Boston, Mass.
Ronalds & Johnson Co., 51 Boerum pl, Brooklyn, N. Y.; 54 Cliff, New York, & 139 N 7th, Phila., Pa.
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)
Steeger, Henry, 143 E 31st, New York
Trageser, John Steam Copper Works, 447 W
Wolff, L. Mfg. Co., 117 W Lake, Chicago, Ill.

Boilers (Range, Galvanized Iron)

Brooklyn Range Boiler Co., 350 Eagle, Brooklyn, N. Y.
Carroll, Pat'k, 1335 Mt. Vernon, Phila., Pa.
Clow, Jas. B. & Sons, 344 Franklin, Chicago, Ill.
Detroit, Range Boiler Co., 619 24th, Detroit,
Harney, Wm., 1011 Master, Philadelphia, Pa.
Heller, Aller & Co., Napoleon, O.
Hibbs, E. A., 209 Quarry, Philadelphia, Pa.
Hill, Thos. B., 2314 N 8th, Philadelphia, Pa.
Iron Clad Mfg. Co., 4 Cliff, New York
Koven, L. O. & Bro., 50 Cliff, New York
Lalance & Grosjean Co., 19 Cliff, N. Y.
McShane, Henry Mfg. Co., 440 North, Baltimore, Md., & 81 Fulton, New York
Pennsylvania Range Boiler Co., 2010 N 10th, Philadelphia, Pa.
Riverside Boiler Works, Cambridgeport, Mass.
Ronalds & Johnson Co., 51 Boerum pl, Brooklyn, N. Y.; 54 Cliff, New York, & 139 N 7th, Philadelphia, Pa.
Sadtler, J. P. B. & Co., 813 S Howard, Baltimore, Md.

SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)
Thompson Iron Works, 1825 Callowhill, Philadelphia, Pa.
Trageser, John, Steam Copper Works, 447 W 26th, New York
Wood, Jno. Mfg Co. (Electric Welded Seamless), Conshohocken, Pa.

Boilers (Range, Seamless Pressed Steel)

PRESSED STEEL TANK CO. (Seamless Drawn), Milwaukee, Wis. (See adv. index, end of book)

Boilers (Steam).

(See also Heaters, Steam & Hot Water.)

ALABAMA.

BIRMINGHAM—Crellin, W. N.
Hardie-Tynes Foundry & Machine Co.
Hood Machine Co.
Means & Fulton Iron Works
MONTGOMERY—Hartley Boiler Works
SELMA—Union Iron Works Co.

ARKANSAS.

FORTH SMITH—Ketcham Iron Co.
PINE BLUFF—Le Laurin, A. A.

CALIFORNIA.

EUREKA—Langford Bros.
FRESNO—McGinnes, P. A.
LOS ANGELES—Baker Iron Works, 950 Buena Vista
Fulton Engine Works, Chavez, c Queirolo
Hanke, A. J., 1013 N Main
Llewellyn Iron Works, E Railroad c N Main
Union Iron Works, 406 E 1st
MARYSVILLE—McGuire, Hugh
OAKLAND—Boucher, T. P., 657 Franklin
Davidson, Wilbert S., 1316 7th av
East Side Boiler Works, 490 2d
United Iron Works, 330 Market
SACRAMENTO—Root, Neilson & Co.
Sacramento Boiler & Iron Works
SAN FRANCISCO—Babcock & Wilcox Co. (Forged Steel), 32 1st. Works, New York
Bay City Iron Works, 136 Main
Brode & Clark Iron Works, 621 Howard
California Boiler Works, 125 Fremont
Conroy, John W., 220 Fremont
Dyer Bros., 360 2d
Eureka Boiler Works, 113 Mission
Fulton Iron Works, 15 1st
Hendy, Joshua Machine Works, 38 Fremont
Joshua, Hendy, Machine Works, 38 Fremont
Keystone Boiler Works, c Main & Folsom
McIntosh & Wolpmann, 195 Fremont
Moore, Chas. C. & Co., 63 1st
Moynihan, Timothy J., 311 Mission
Odermatt, Paul, 527 Brannan
Pacific Coast Boiler Works, 235 Main
Risdon Iron Works, cor Steuart & Folsom
San Francisco Iron Works, 223 Folsom
Stearns Mfg. Co., 17 Main
Union Iron Works, 222 Market
STOCKTON—Stockton Iron Works

COLORADO.

DENVER—Cleary, Patrick J., 438 Larimer
Davis, F. M. Iron Works Co., 8th & Larimer
Denver Boiler & Sheet Iron Works Co., 35th & Wazee
Denver Engineering Works, 30th & Blake
Johndohl & Turney, 1807 Blake
Star Boiler & Sheet Iron Works, 36th & Wazee
Stearns-Roger Mfg. Co., 1720 California
Western Boiler & Iron Works Co., 1515 17th
Wicks Bros., 435 17th
Young, Jno., 2445 Blake
PUEBLO—Iron City Boiler Works.
Iron City Mfg. Co,
Stearnes-Roger Mfg. Co.

CONNECTICUT.

BRIDGEPORT—Bridgeport Boiler Works, 202 Housatonic av
Pacific Iron Works, 113 E Wash'n av
HARTFORD—Beach, H. B. & Son, 135 Grove
Davis, I. B. & Son, 40 Cushing
NEW HAVEN—Bigelow Co. (Manning Vertical, etc.), 60 Lloyd
New Haven Boiler Works, 175 East
NEW LONDON—Drummond, Thomas (High & Low Pressure)
Hopson & Chapin Mfg. Co. (Low Pressure)
Morgan Iron Works
NORWICH—Page, W. H. Boiler Co.
PUTNAM—Putnam Foundry & Machine Corporation
STAMFORD—Stamford Iron Works
UNIONVILLE—Unon Nut & Bolt Co. (Nuts, Bolts, etc.)
Union Nut Co. (Bolts, Nuts, Rivets, etc.)

DELAWARE.

WILMINGTON—Edge Moor Iron Co. (Water Tube, Galloway & Internally Fired)
Harlan & Hollingsworth Co. (Marine)
Pusey & Jones Co. (Marine & Stationary)

DISTRICT OF COLUMBIA.

WASHINGTON—Boswell, H. & Co., 1234 7th, s w

FLORIDA.

JACKSONVILLE—Merrill-Stevens Engineering Co.
PENSACOLA—Hughes, Jas. R.
Pensacola Foundry & Boiler Works

GEORGIA.

ATLANTA—Atlanta Machine Works, King, c Ga. R R
Babcock & Wilcox Co. (Forged Steel), Equitable bldg.
Finnigan, J. J. & Co., 22 Means
AUGUSTA—Georgia Iron Works
Lombard Iron Works & Supply Co.
BRUNSWICK—Bay Iron Works
COLUMBUS—Columbus Iron Works Co.
Golden Foundry & Machine Co.
MACON—Findlay Iron Works
Schofield, J. S. Sons Co.
NEWNAN—Cole, R. D., Mfg. Co. (Return Tubular)
SAVANNAH—Mingledorff & Co., Indian & W Broad
Rourke, John & Sons, 610 Bay
Savannah Locomotive Works & Supply Co.
VALDOSTA—Valdosta Foundry & Machine Co.

ILLINOIS.

AURORA—Aurora Boiler Works
BELLEVILLE—Isselhardt & Scher
CAIRO—Maloney, Patrick
CANTON—Savill, J. M. & Sons
CHICAGO—Abendroth & Root Mfg. Co. (of New York). Monadnock blk
Allis-Chalmers Co., N. Y. Life bldg.
American Boiler Co., 110 Lake
Ames Iron Works (of Oswego, N. Y.), Monadnock blk
Babcock & Wilcox Co. (Forged Steel), 204 Dearborn
Baragwanath, W. & Son, 48 W. Division
Barton Boiler Co., 4230 State
Berry, L. M., 167 Dearborn
Bonson Furnace & Boiler Co., Marquette bldg, Chcago. Ill.
Brownell Co., (of Dayton, O.), 184 Wash.
Buckeye Engine Co., 1249 Marquette bldg
Cahall Sales Department, Rookery bldg, Works, Mansfield, O.
Chicago Steam Boiler Works, 54 Fullerton av
Conlan, John, 111 Armitage av
Corbett, Geo. E., 15 Chicago av
Cruver, Austin & Co., 111 N Oakley av
Dube, John J., 979 73d
Eclipse Machine & Boiler Works, 1134 W 14th
Edge Moor Iron Co. (Water Tube, Galloway & Internally Fired) (of Edge Moor, Del.). 279 Dearborn
Erie City Iron Works, 34 W Monroe. Works, Erie, Pa.
Ft. Wayne Foundry & Machine Co., Rookery bldg
Freeman S. & Sons, Mfg. Co., Rookery bldg.
Frost Mfg. Co., 135 Adams
Gates, J. Holt & Co., Monadnock bldg.
Gem City Boiler Co., 279 Dearborn. Works, Dayton, O.
Grand Crossing Boiler Works, 73d & I. C. R. R.
Haffner, Chas., 903 S Halsted
Hamler Boiler & Tank Co., 3906 S Halsted
Heine Safety Boiler Co. (works, St. Louis & Phoenixville, Pa.). 1521 Monadnock blk
Herbert Boiler Co. (Magazine Drop Tube & Smokeless), 240 Root
Hibben & Co., 9376 Ewing av
Illinois Steam Boiler Works, 711 Carroll av
Kellogg-Mackey-Cameron Co., 220 Lake
Kewanee Boiler Co. (Tubular High Pressure & Standard) (of Kewanee, Ill.), 169 E Lake
Kimball Granville ("Internally Fired Scotch Marine Return Tubular & Locomotive), 204 Dearborn
Kissack & McAllister, 711 Carroll av
Kling Bros., 278 Hawthorne av
Krier, Nicholas, 1422 N Marshfield av
Kroeschell Bros. Co., (Tubular, Locomotive & Upright), 55 Erie
Krumholz, August, 56 Fullerton av
McFarland, G. & Co., c W 53d & Clark
McGarry, Patrick, 1175 S Paulina
McGregor, Geo. L., 246 S Clinton
McKenzie, Wiliam, 587 S Oakley av
McNeil Boiler Works, 279 Dearborn, Works Akron, O.
Mohr, John & Sons, 32 Illinois
Nagle Engine & Boiler Works, 44 S Jefferson
National Boiler Works, 56 Fulton
Pfeiffer, Chris., Boiler Co., 70 Michigan
Phoenix Iron Works Co., "The Rookery," Main Office and Works, Meadville, Pa.
Pickham, Thos. F., 53 W 14th pl
Pratt, Henry, Boiler & Machine Co., 869 S Halsted
Ross Boiler Co., 4061 La Salle
Rubel & Co., 82 Lake
Schneider, N & Co., 279 Dearborn
Sharkey & Peck, 1175 W 18th
Standard Safety Boiler Co., Marquette bldg
Stirling Co. (of Barberton, O.), "Water Tube," Pullman bldg
Sullivan, John J., 697 38th
SULLIVAN MACHINERY CO., 7 Jackson boul. (See adv. index, end of book)
Superior Machine & Boiler Works, 131 W Superior
Tudor Boiler Mfg. Co., 226 La Salle
Union Iron Works, Monadnock blk
Van Siclen, Alex. & Co., 8 S Canal
Warrington Iron Works, ft. W Wellington
Washington Steam Boiler Works, 1175 So Paulina
Wickes Bros., Marquette bldg, Works, Saginaw, Mich.
Wildman Boiler Works, 1276 W 12th
Williams, E. O., 66 S Clinton
DANVILLE—Chesley Bros.
DECATUR—Oakes, Wm. L.
E. ST. LOUIS—Kickham Bros.
GALESBURG—Frost Mfg. Co.
GALVA—Mulford Heater Co.
JACKSONVILLE—Kellogg Bros. & Co.
JOLIET—Heggie Bros.
KEWANEE—Kewanee Boiler Co. (Tubular High Pressure & Standard)
MOLINE—Schillinger, Martin
PEORIA—Cody, Jos. & Sons, 104 Cedar
Forbes Boiler Works, 2521 S Wash'n
McAleenan Boiler Co., 803 S Washington
QUINCY—Michelman Boiler Co.
ROCKFORD—McCarran, James
SPRINGFIELD—Drake, Wm.
Springfield Boiler & Mfg. Co.
STREATOR—Jones, Wm. B.

INDIANA.

ANDERSON—Anderson Foundry & Machine Works
Wooley Foundry & Machine Works
BRAZIL—Central Iron & Steel Co.
Vanes, John
EAST CHICAGO—Graver, Wm. Tank Works
ELWOOD—McKenzie & Diamond
EVANSVILLE—Heilman Machine Works, 127 L 1st
Holtz, Ferd., 18 3rd av
Pelz, Wm., 13 3d av
FT. WAYNE—Bass Foundry & Machine Co., Hanna, S of R R crossing
Fort Wayne Foundry & Machine Co.
Gruber, Frank, Barr n E Superior

HARTFORD CITY—Broderick-Quinlan Mfg. Co.
HUNTINGTON—Newcomb, C. E.
INDIANAPOLIS—American Boiler & Sheet Iron Co., 734 W Wash
Atlas Engine Works, c 19th & Martindale av
Chandler & Taylor Co. (Tubular, Upright & Firebox), 740 W Wash av
Cruse & Connaughton, 534 Capitol av
Kennedy, Patrick W., 1019 Beecher
Sinker-Davis Co., 230 S Missouri
JEFFERSONVILLE—Sweeney, M. A., Shipyard & Foundry Co.
LAFAYETTE—McGrath, Robert H.
LA PORTE—Rumley, M. Co.
LOGANSPORT—McAllister, E. A.
MARION—Marion Co-operative Machine & Boiler Works
MUNCIE—Carpenter, G. Albert
O'Meara, H. F.
NEW ALBANY—Hegewald, Chas. Co.
RICHMOND—Gaar, Scott & Co.
Richmond Machine Works
Robinson & Co.
TERRE HAUTE—Korstad, Andrew P.
Terre Haute Boiler Works Co.
WABASH—Lawton Mfg. Co.

IOWA.

BURLINGTON—Burlington Boiler, Engine & Iron Works
Murray Iron Works Co., (Tubular & Internal Furnaces, etc.)
CEDAR RAPIDS—Carmody, J. T.
CLINTON—Star Boiler Works, c 8th av & 1st
DAVENPORT—Davenport Foundry & Machine Co.
DES MOINES—Beckman Bros, 5th & Racoon
Des Moines Mfg. & Supply Co., 101 E. Court av
Globe Machinery & Supply Co., 414 Court av
Iowa Boiler Works, 300 E Court av
National Boiler & Iron Works, 212 E 1st
Purinton Mfg. Co., Madison & 6th
Turner & Brownlie, 300 E Court av
DUBUQUE—Davis, Geo. E.
Dubuque Boat & Boiler Works
Morrison Bros.
KEOKUK—McElroy, Iron Works Co.
MARSHALLTOWN—Lennox Machine Co.
Shorthill, A. E. Co.
OTTUMWA—Fair-Williams Bridge & Mfg. Co.
McDaniel, C. E.
SIOUX CITY—Pidduck & Spencer
Sioux City Boiler & Sheet Iron Works
TAMA—Hawkeye Mfg. Co.
WATERLOO—Mussett & Wright

KANSAS.

ENTERPRISE—Ehersam, J. B. & Sons
PITTSBURG—McNally, Thos.
WICHITA—Guldaman Bros

KENTUCKY.

LOUISVILLE—Caldwell, W. E. Co., 200 E Brandeis
Geiger, Fiske & Koop Co., 725 E Main
Grainger & Co., 131 10th
Mitchell, Thos., Jr., 1713 W Main
Vogt, Henry Machine Co.

LOUISIANA.

JEANERETTE—Jeffrey, Dan'l
NEW ORLEANS—Babcock & Wilcox Co. (of New York) (Forged Steel), 339 Carondelet
Connell, J. D. Iron Works, 1145 S Front
Dummet, Fred'k
Heine Safety Boiler Co., 531 Canal
Louisiana Boiler & Sheet Iron Works, 2344 Euphorsine
New Orleans Boiler Works, (Jno. H. Murphy, Prop.), 643 Magazine
SHREVEPORT—Parsons Boiler Works
THIBODAUX—Thibodaux Boiler Works Co

MAINE.

BANGOR—Union Iron Works
BATH—Bath Iron Works
Mercer, Langmaid & Merrill
HALLOWELL—Fuller's, Geo Sons
PORTLAND—Portland Co. (Marine & Stationary), 58 Fore

MARYLAND.

BALTIMORE—Baltimore Ship Building & Dry Dock Co. (Marine), Locust point
Basshor, Thos. C. Co., 28 Light
Codd, E. J. Co., 700 S Caroline
Coleman, John T., 407 E Saratoga
Marine Railway Machine & Boiler Works, 1305 Philpot
Poole Engineering & Machine Co., 223 E German
Spedden Ship Building Co. (Marine, etc.), 915 S B'way
Triplett & Jennings, 915 S Howard
131 State
CUMBERLAND—McKaig, Merwin

MASSACHUSETTS.

BOSTON—Ames Iron Works (of Oswego, N. Y.), 8 Oliver
Atlantic Works, 70 Border, E Boston
Babcock & Wilcox Co. (of New York) (Forged Steel), 35 Federal
Bonner, Wm. T. & Co., 53 State
Boston Engineering Co., 25 India Wharf
Cunningham Iron Co., B & Fargo
Heine Safety Boiler Co. (of St. Louis, Mo., & Phoenixville, Pa.), 176 Federal
Hodge Boiler Works, Sumner n North Ferry, E. B.
Lockwood Mfg Co, Inc (Marine), 61 Sumner, E B
Minton, Richard, 119 Summer, E B
New York Central Iron Works Co., 20 Union
Page, Wm. H. Boiler Co., 32 Oliver
Robb-Mumford Boiler Co. Inc., (Internally Fired), 170 Summer
Russell, Daniel, Boiler Works, 97 Boston
Russell, James Boiler Works Co., O c W 1st
Stirling Co. (of Chicago), 10 P O Sq
CAMBRIDGE—Campbell Iron Works, 6th n B'way
Kendall, Edw. & Sons, 168 Main
Riverside Boiler Works, 50 Howard
Roberts Iron Works Co., 180 Main
FALL RIVER—Fall River Boiler Works, 88 Plymouth av
Kelley, Edw. (Marine), 135 Central
FITCHBURG—Dillon, D. M., Crocker, below Rollstone Foundry
Fitchburg Steam Engine Co
FLORENCE—Norwood Engineering Co
HOLYOKE—Holyoke Steam Boiler Works
Walsh's Steam Boiler Works
LAWRENCE—Joslyn, Wm. H. (est.)
LYNN—Hayes, J. A. Foundry Co.
NEW BEDFORD—Babbitt, Wood & Co
New Bedford Boiler & Machine Co
QUINCY—Fore River Ship & Building Co. (Marine, etc.)
SPRINGFIELD—Hawkins, R. F. Iron Works, 191 Liberty
Walsh Boiler & Iron Works, 200 Liberty
TAUNTON—Taunton Locomotive Mfg Co
WORCESTER—Stewart, C. & Son, Albany cor Muskeego

MICHIGAN.

ANN ARBOR—Sutter, T. L. & Son
BATTLE CREEK—Brennan, Jno. & Co
BAY CITY—Bay City Boiler Co
Industrial Works
MacKinnon Mfg Co
Marine Iron Co.
National Boiler Works
CADILLAC—Hayes, Wm.
CHEBOYGAN—McGregor, Jas
DETROIT—Brennan, John & Co., 24th and M C R R
Central Boiler Works, 3d & Congress
Dearing Water Tube Boiler Co., ("Dearing" Water Tube), 555 Grand River av
Detroit Screw Works, ("Taylor's" Water Tube), 346 Franklin
Detroit Water Tube Boiler Co., (Water Tube)
East End Boiler Works, 11 St Aubin av
Pratt, Stephen, Beecher av & M C R R
Sprenger, J. & Sons, 1188 River
Taylor Water Tube Boiler Co., (Water Tube), 320 Franklin
Turner, Willis C., 441 Hubbard av
ESCANABA—Cuddy, M. J.
FERRYSBURG—Johnston Bros.
GRAND RAPIDS—Brobst, Henry, c Canal & Coldbrook
Grand Rapids Boiler Works, 35 S Front
Leitelt, Adolph, Iron Works, c Erie & Mill
HANCOCK—Portage Lake Boiler Works
HOUGHTON—Burt, Jas.
JACKSON—Crowley, Jno., 112 N Waterloo av
KALAMAZOO—Clark Engine & Boiler Co. (Horizontal & Vertical)
Dutton, C. H. Co
Garske, August, 714 1st
LANSING—Jarvis Engine & Machine Works
Lansing Boiler & Engine Co.
LUDINGTON—Davies, J. H.
MANISTEE—Manistee Iron Works Co
Union Boiler Works
MENOMINEE—Fernstrum, Frank G.
MUSKEGON—Muskegon Boiler Works (also Marine)
OWOSSO—Brandel, J. H.
Van Camp & Nagel
PORT HURON—Jenks Ship Building Co. (Marine & Stationary)
Tunnel City Boiler Works Co
Wright, A. M.
SAGINAW—Bartlett, A. F. & Co.
Jackson & Church Co.
Wickes Bros.
ST. JOHN'S—Richmond & Holmes

MINNESOTA.

DULUTH—Gogebic Steam Boiler Works, 409 Lake av
Northwestern Steam Boiler & Mfg. Co., 366 Garfield av
MANKATO—Mayer Bros.
MINNEAPOLIS—Bros, Wm. Boiler & Mfg. Co., Lower Nicolett Island
Diamond Boiler Works
Enterprise Machine Co., 423 S 4th
MINNEAPOLIS STEEL & MACHINery Co. (See adv. index, end of book)
North Star Boiler Works, 505 13th av S
ST. PAUL—Kenny Bros., 339 E 4th
Springfield Boiler & Mfg. Co., 90 E 5th
Vulcan Boiler Works, Water & Walter

MISSISSIPPI.

CORINTH—Adams, W. T., Machine Co.
Corinth Engine & Boiler Works
MERIDIAN—Martin Machine Works
VICKSBURG—Foley, P. J. & Son
Robinson, B. J.

MISSOURI.

CARTERVILLE—Briggs, Frank
JOPLIN—Freeman, J. W.
James, Gus
KANSAS CITY—Beauregard, O. D., 107 W 14th
Darby's Kansas City Boiler Works, 25th & Summit
Kaiser Boiler Works, 613 Bluff
Missouri Boiler Works, 504 W 5th
Palmer Boiler Works, 417 W 5th
Urie Boiler & Machine Co., 601 W 5th
ST. JOSEPH—Augustine, T. C., 611 Patee
Geis & Bichler, 1005 S 8th
ST. LOUIS—Heine Safety Boiler Co., 421 Olive
Down-Draft Boiler & Machine Co., 23d & Papin
Nooter, Jno. Boiler Works Co., 816 N Main
O'Brien, John, Boiler Works Co., 11th c Mullanphy
Rohan, John & Son, Boiler Works Co., c Lewis & Biddle
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av
South St. Lewis Foundry Co., 121 E Steins
Verbarg, C. H., 2830 S 3d
Wangler, Joseph F., Boiler & Sheet Iron Works Co., 1547 N 9th
Western Boiler & Sheet Iron Works, 240 Dickson

MONTANA.

ANACONDA—Anaconda Copper Mining Co.
BUTTE—Western Iron Works, (Inc.)

NEBRASKA.

LINCOLN—Lincoln Steam Boiler & Sheet Iron Works
Smith, R. L., Machine Works
OMAHA—Drake-Williams-Mount Co.
Wilson Steam Boiler Co.

NEW HAMPSHIRE.

EXETER—Exeter Machine Works, main office
NASHUA—Spence & Rideout

NEW JERSEY.

CAMDEN—Chadwick, Jno. N.
Webster, Warren & Co. (Inc.)
GLOUCESTER CITY—Rogers, John M., Boat, Gauge & Drill Works (marine)
HOBOKEN—Fletcher, W. & A. Co. (Marine, etc.), 12th & Hudson
JERSEY CITY—Connelly, Thos. P., ft. Morris
Smith, Theo. & Sons Co., ft. of Essex.
NEWARK—Hewes & Phillips Iron Works, Orange c Ogden
LAMBERT HOISTING ENGINE CO., 117 Poinier. (See adv Front Cover)
McCabe Boiler Works, 195 Commerce
Salamandrinc Boiler Co., 412 Ogden
NEW BRUNSWICK—National Water Tube Boiler Co.
PATERSON—Smith, Samuel & Son, 130 R. R. av
PHILLIPSBURG—Tippett & Wood
RED BANK—Roberts Safety Water Tube Boiler Co.
RIDGEFIELD PARK—Riverside Boiler Works
TRENTON—MacKenzie, Duncan & Sons, Hamilton av & Clark
Thropp, John E. Sons Co., (Marine), ft. Lewis
Thropp, Wm. R., E State & S Olden av
Watson, J., 1 Fair

NEW YORK.

ALBANY—Green, Patrick F., 67 Church
Nicholson, Aaron, 11 Church
Walsh, Stephen, 98 Quay
AMSTERDAM—Collins, John H.
Hayflinger, John, 46 Reid
AUBURN—Conklin, C. W.
BALLSTON SPA—Uline Bros.
BINGHAMTON—Shapley & Wells, 118 Washington
BROOKLYN—(See New York City Borough of Brooklyn)
BUFFALO—Bell's, David Engineering Works, Evans & Norton
Buffalo Machinery Co., 24 Burwell pl
Campbell & Cook, Fulton & Marvin
Eagle Boiler Works, 27 Wash'n
Farrar & Trefts, 54 Perry
Howard Bros., 23 Indiana
Lake Erie Boiler Works, 250 Perry
Oldman Boiler Works, 38 Illinois
DUNKIRK—American Locomotive Co.
ELMIRA—Elmira Boiler Works
Payne Co.
FISHKILL-ON-HUDSON—Fishkill Landing Machine Co.
McFarland & Hignell
GENEVA—Herendeen Mfg. Co.
New York Central Iron Works Co.
Vance Boiler Works
JAMESTOWN—Jamestown Boiler Works
KINGSTON—Cornell Steamboat Co.
McEntee, John, 113 E Strand
LITTLE FALLS—Burrell, D. H. & Co.
Reddy's, M. Sons.
LOCKPORT—Brown, Francis A.
Holly Mfg. Co.
LONG ISLAND CITY—(See New York City, Borough of Queens)
MARATHON—Climax Road Machine Co.
NEWBURGH—Abendroth & Root Mfg. Co.
Delaney, P. & Co.
Newburgh Ice Machine & Engine Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Atlantic Basin Iron Works, c Imlay & Summit
Clonbrock Steam Boiler Co., 240 Lorraine
Columbia Engineering Works, Erie Basin
Continental Iron Works, Calyer c West
Cunningham, Christopher, 437 Greenpoint av
Donohue's, P. J. Sons, 108 Wallabout
Enderlin, Jos., Jr., & Co., 47 N 6th
Franklin Machine & Steam Boiler Works, 17 Franklin
Gilroy, James J., ft of 24th
McCaldin Bros., ft of 26th
McGibbon-Roy Engineering & Iron Co., 14 Columbia
Manton & Long, ft of Court
Raab Iron Works Co., ft. 26th
Robins, Jno. N. Co., Erie Basin
Ross Iron Works, ft. 27th
Vogt, John & Co., 32 Franklin
White, Robt. ("White" Marine), 93 Hamilton

Boroughs of Manhattan and Bronx.

NEW YORK—Abendroth & Root Mfg. Co., 99 John, main office. Works, Newburgh, N. Y.
Ahern, D. & Co., 263 South
Almy Water Tube Boiler Co., 45 B'way, (works, Providence, R. I.)
Ames Iron Works, 85 Liberty (main office, Oswego, N. Y.)
Andrews, Phalon & Co., 240 West
Apex Equipment Co. (Mfrs. Agts.), 11 B'way
Babcock & Wilcox Co. (Forged Steel), 85 Liberty
Bass Fdry. & Machine Co., 141 B'way, works, Ft. Wayne, Ind.
Beggs, Jas. & Co., 109 Liberty
Bigelow Co., 149 B'way, (Works, New Haven Conn.)
Boes, Wm., 493 E 135th
Coatesville Boiler Works, 141 B'way, Works, Coatesville, Pa.
Delany, P. & Co., 10 Barclay. Works Newburgh, N. Y
Dunne, Mich'l F., 223 West
Edge Moor Iron Co. (Water Tube, Galloway & Internally fired), 1123 B'way. Works, Edge Moor, Del.
Fitzgibbon Boiler Co., 26 Cortlandt. Works, Oswego, N. Y.
Fogarty, Michl. & Bro., 533 W 33d
Fox's, Geo. Sons, 511 W. 34th
Franklin Boiler Works Co., 39 Cortlandt. Works, Troy, N. Y.
Gas Engine & Power Co. & Chas. L. Seabury & Co., (Marine & Stationary), 11 B'way & Morris Heights, N. Y.
Geary Water Tube Boiler Co., 39 Cortlandt. Works, Oil City, Pa.
Gem City Boiler Co., 39 Cortlandt, Works, Dayton, Ohio
GORTON & LIDGERWOOD CO., 96 Liberty. (See adv. index, end of book)
Hammond Iron Works, 180 B'way. Works, Warren, Pa.
Harrisburg Foundry & Machine Works, 114 Liberty. Works, Harrisburg, Pa.
Harrisburg Mfg. & Boiler Co., 95 Liberty, Works, Harrisburg, Pa.
Harrison Safety Boiler Works, 26 Cortlandt. Works, Phila., Pa.
Heine Safety Boiler Co., 11 B'way. Works, St. Louis, Mo., & Phoenixville, Pa.
Helpershausen Bros., 45 Tompkins
Herendeen Mfg. Co., 39 Cortlandt. Works, Geneva, N. Y.
Houston Stanwood & Gamble Co., 39 Cortlandt. Works, Covington, Ky.
Lane & Bodley Co., 120 Liberty. Works, Cincinnati, O.
LIDGERWOOD MFG. CO., 96 Liberty. (See adv. Front Col'd page)
Mitchell Co. (Marine), 621 W 24th
Mott Haven Steam Boiler & Engine Works, 487 E 138th
National Water Tube Boiler Co., 39 Cortlandt. Works, New Brunswick, N. J.
New Jersey Foundry & Machine Co., 9 Murray
New York Central Iron Works Co., 150 Nassau. Works, Geneva, N. Y.
New York Safety Steam Power Co. (Worthington Sectional), 113 Liberty
Nichols, D. M. (est. of), 2 Gouverneur pl.
Oil City Boiler Works, 39 Cortlandt. Works, Oil City, Pa.
Page, W. H. Boiler Co., 17 Park Row. Works, Norwich, Conn.
Phoenix Iron Works Co., 39 Cortlandt; main office and works, Meadville, Pa.
Power & Mining Machinery Co., 52 William, N. Y. Works, Cudahy, Wis.
Quintard Iron Works, 742 E. 12th
Reid, Alex, 408 West
Reilly, Jas., Repair & Supply Co., 231 West
Riter-Conley Mfg. Co., 39 Cortlandt & 56 Water, Pittsburg, Pa.
Roberts Safety Water Tube Boiler Co., 39 Cortlandt. Works, Red Bank, N. J.
Ruggles-Coles Engineering Co. (Horizontal & Tubular), 39 Cortlandt, N. Y.
Smith, A. & Son, 685 11th av
Smith, H. B. Co., 133 Centre. Works, Westfield, Mass.
Stearns Mfg. Co., 95 Liberty. Works, Erie, Pa.
Stirling Co. (of Chicago), 114 Liberty
Struthers-Wells Co. (of all types), 26 Cortlandt, Works, Warren, Pa.
Thayer & Co. (mfrs. agts.), 39 Cortlandt
Thorpe, Platt & Co., 97 Cedar
Tonkin, Water Tube Boiler Co., 26 Cortlandt
Union Iron Works, 95 Liberty, Works, Erie, Pa.
Watertown Engine Co., 39 Cortlandt. Works, Watertown, N. Y.
Wickes Bros., 113 Cedar. Works, Saginaw, Mich.
York Mfg. Co., Ltd. (Return Tubular), 11 B'way. Works; York, Pa.

Borough of Queens.

LONG ISLAND CITY—Collins Iron Works
Queens Borough Boiler Works, East av, cor 1st

(END OF NEW YORK CITY.)

NORTH TONAWANDA—Armitage-Herschell Co. (Portable)
NYACK—Kane, John
OGDENSBURG—Nash Bros. & Co.
ONEIDA—Oneida Iron Works
OSSINING—Kipp, A. Jr.
OSWEGO—Ames Iron Works, (Tubular, Portable on Skids or Wheels)
Tonkin Boiler Co.
ROCHESTER—Bryson, Robt., 165 Mill
Hall's, Sidney Sons, 175 Mill
Richester Boiler Works, 13 River
Wilson, W. A. Machine Co., River & N Water
SYRACUSE—Barber Bros., 500 E Water
Hennessy, Dennis, 423 S West
Mack Bros., 405 Marcellus
Perry, Jno. W. & Son, 416 Canal
Syracuse Boiler Works, 610 E Water
TONAWANDA—Mahar, Jno.
TROY—Franklin Boiler Works Co., G. I.
Pinkerton & Mull, Hariem, n. D. & H. Depot, Green Island
UTICA—Giblin & Co., 105 Broad
O'Harlon, Thos. & Sons, 2 Pine
Southerland & Kelly, 7th av & North
Utica Steam Engine & Boiler Works
WATERTOWN—Watertown Engine Co. (Heavy Duty, High Pressure)
WATERVLIET—Vanderbogart, John H.
WELLSVILLE—McEwan Bros.

NORTH CAROLINA.

CHARLOTTE—Liddell Co.
Mecklenburg Iron Works
SANFORD—Moffitt Bros.
WINSTON-SALEM—Salem Iron Works

OHIO.

AKRON—Biggs Boiler Works Co.
McNeil Boiler Co.
ALLIANCE—Reeves Bros. Co.
ASHTABULA—McKinnon, W. S.
BARBERTON—Stirling Co. "Water Tube"
BELLAIRE—Bellaire Boiler & Structural Iron Works
Rosser & Castoe
CANTON—Aultman Co.
Welton, Geo. Jr.
CINCINNATI—Barnes, Chas. Co., 55 Main
Fritsch, Francis, Mfg. Co., McMicken av, Dunlap & Stark
Glenn & Kelly, 6th & Freeman av
Jones, Robert & Co., Pearl & Ludlow
McIlvain & Speigel Boiler & Tank Co., 465 E Pearl
Stirling Co., (of Chicago), Ingalls bldg.
Tudor Boiler Mfg. Co., 716 E Pearl
CLEVELAND—American Ship Building Co., (Marine), 120 Viaduct
Angstedt, Albert, 702 Seneca
Babcock & Wilcox Co. (of New York) (Forged Steel), New England bldg
Cleveland Steam Boiler Works, 9 West
Cuyahoga Boiler Works, 51 Main
Forest City Boiler Co., Schofield bldg.
Kilby Mfg. Co.
Lake Erie Boiler Works, 116 Elm
Munoz Boiler Co., Webster & River
Murphy & Donnelly Boiler Co. (Marine), 120 Elm
Teachout, H. E., Boiler Works, Forest st., at Erie R. R.
Union Machine & Boiler Co. (Marine & Stationary), 108 River
Variety Iron Works Co., Case av c Hamilton
COLUMBIANA—Columbiana Boiler Co.
COLUMBUS—Borger Bros. Co.
City Boiler Works

Columbus Steam Boiler & Heater Co., (The "Kimball")
Rarig Engineering Co., 5th av., E of Alum Creek
Scioto Boiler Works, 33 N Scioto
DAYTON—Buckeye Boiler Co.
Brownell & Co., Findlay, N of 1st
Dayton Steam Boiler Works, 401 E 1st
Gem City Boiler Co., 1000 E 3d
DEFIANCE—Defiance Machine Works
FINDLAY—Adams Bros. Co.
McArthur, Geo.
FREMONT—June, D. & Co.
GIRARD—Girard Boiler & Mfg. Co.
LEETONIA—Leetonia Boiler Co.
LIMA—Golley & Finley Iron Works
LOWELLVILLE—Meehan Boiler & Construction Co.
MANSFIELD—Aultman & Taylor Machinery Co.
Mansfield Engineering Co.
MARIETTA—Marietta Boiler Works
Pattin Bros. Co.
Strecker, H.
MARION—Huber Mfg. Co.
MASSILLON—Russell & Co.
MIDDLEPORT—Middleport Boiler Works
Ohio Machine Co.
MT. VERNON—Cooper C. & G. Co. (Steel)
NEWARK—McNamara Machine Works
Scheidler Machine Works
NILES—Niles Boiler Co.
PORTSMOUTH—Portsmouth Foundry & Machine Works
RAVENNA—Byers, John F. Machine Co.
ST. MARY—St. Mary's Machine Co.
SANDUSKY—Klotz Machine Co.
SPRINGFIELD—Casey, D. L. Machine Co., 74 E Wash'n
Leffel, Jas. & Co. (Inc.) (Stationary, Portable, Horizontal & Vertical)
Roberts, Thomas, Highland av
Trump Mfg. Co.
STEUBENVILLE—Cady, A. L.
TIFFIN—Limbaugh & O'Connor.
TOLEDO—Globe Boiler Works
Loos, Adam, 139 S Erie
McNaull, W. D.
Marine Boiler Works, 1009 Water
Ricard Boiler & Engine Co., 700 Water
Toledo Boiler Works
WARREN—Struthers-Wells Co. (of all types)
Warren City Boiler Works
WOOSTER—Barrett's B. Sons
YOUNGSTOWN—Enterprise Boiler Co.
Youngstown Mfg. Co.
ZANESVILLE—Griffith & Wedge Co.
Union Machine Works

OREGON.

ALBANY—Albany Iron Works
ASTORIA—Astoria Iron Works (Inc.)
PORTLAND—Columbia Engineering Works, 10th c Johnson
Honeyman, Jno. & Co., 307 Front
Keep & Co., 85 Union av
Phoenix Iron Works, Hawthorne av c E 3d
Russell & Co., 320 Belmont
Williamette Boiler Works, Front c Everett

PENNSYLVANIA.

ALLEGHENY—Pearson Mfg. Co.
ALLENTOWN—Allentown Boiler Works (Collum & Knouse, Props.)
Heilman Boiler Works
McDermott Bros.
BANGOR—Flory, S. Mfg. Co.
BEAVER FALLS—Beaver Valley Boiler Works
BRADFORD—Bovaird & Co.
Bovaird & Seyfang Mfg. Co.
O'Brien & Double
CATASAUQUA—McCloskey Bros.
CHESTER—Wetherill, Jas. P. Machine Co.
Wetherill, Robert & Co. ("Berry" Safety, Tubular, Flue, Marine & Fire Box)
COATESVILLE—Coatesville Boiler Works
COLUMBIA—Fairer & Son
CONSHOHOCKEN—Bate, Wm. T. & Son
CORRY—Ajax Iron Works (Stationary & Portable)
Climax Mfg. Co.
DUBOIS—Dubois Iron Works (Tubular)
EAST STROUDSBURG—International Boiler Works Co.
ERIE—Erie City Iron Works (Stationary, Portable, Vertical, Return Tubular, etc.)
Erie Engine Works
Nagle Engine & Boiler Works
Pennsylvania Boiler Works
Union Iron Works
HAMBURG—Hamburg Boiler Works
HARRISBURG—Harrisburg Foundry & Machine Works (High Duty)
Harrisburg Mfg. & Boiler Co., 19th & Cherry
HOLLIDAYSBURG—Madden Boiler Works
KENNETT SQUARE—American Road Machine Co. (Portable & Stationary)
LANCASTER—Best, John (estate of)
LANDISVILLE—Monitor Steam Generator Mfg. Co. (Wrought Iron Coil High Pressure)
LEBANON—Lebanon Boiler Works
Standard Boiler Works
Union Boiler & Manufacturing Co.
MEADVILLE—Phoenix Iron Works Co.
NEW CASTLE—Fleming's Wm. Sons
Pennsylvania Engineering Works
NORRISTOWN—Gibbons, Jas. C.
Newbold, R. S. & Son Co.
OAKDALE—Kinney, F.
OIL CITY—Geary Water Tube Boiler Co.
Oil City Boiler Works (Inc.)
Oil Well Supply Co.
Ravey, Joseph H.
PETROLIA—Barney, H. M.
PHILADELPHIA—Ames Iron Works (of Oswego, N. Y.), Arcade bldg.
Babcock & Wilcox Co. (of New York) (Forged Steel), No. American bldg.
Baizley, John Iron Works, 510 S Delaware av
Baldwin Locomotive Works, 500 N Broad
Carroll, Patrick & Son, 1406 Fair Mount av
Coatesville Boiler Works, Inc. (of Coatesville, Pa.) (Stationary, Vertical, etc.), Fidelity bldg.
Connery Co., 1235 N 9th
Cramp, Wm. & Sons Ship & Engine Building Co. (marine), c Beach & Ball
Erie City Iron Works, Land Title bldg. Main office, Erie, Pa.
Ervien, C. W. & Co., 420 Memphis
Gilman, Wm., 1110 Beach
Goldner, Henry & Son, Tasker st wharf, Del River
Harney, William, 1011 Master
Harrison Safety Boiler Works, 17th bel. Allegheny av
Heine Safety Boiler Co., Penna bldg. Works, Phoenixville, Pa.
Hill, Thomas D., 2316 N 8th
Keeler, E., Co. (of Williamsport, Pa.), Real Estate Trust bldg.
Kensington Engine Works, Ltd. (Return Tubular), 245 N Broad
McNiel Boiler Works, (of Akron, Ohio), 1001 Chestnut
Moore, E. J. Machine & Foundry Co. (Stationary & Marine), 2227 Wood
Morris I. P. Co., Beach & Ball
National Water Tube Boiler Co. (of New Brunswick, N. J.), Phila. Bourse
Naytor, JJohn S., Front & Gerard av
New York Safety Steam Power Co. (of New York City), 15 N 7th
North Penn Iron Co., North Penn Junction. Phila., Pa.
Page, Wm. H. Boiler Co. (of Norwich. Conn.), 620 Arch
Philadelphia Iron Works, 18th & Penna av
Radcliff-Ferguson & Co., Manyunk
Scott, John A., 2237 N Front
Seyfert's, L. F. Sons, 439 N 3d
Stirling Co. (of Chicago), 205 Betz bldg.
Thompson Iron Works, 1825 Callowhill
PHOENIXVILLE—Heine Safety Boiler Co.
PITTSBURG—Babcock & Wilcox Co. (of New York) (Forged Steel), Frick bldg.
Cahall Sales Dept., 541 Wood
Carroll Porter Boiler & Tank Co., Empire bldg.
Heine Safety Boiler Co., Park bldg. Works. St. Louis, Mo., & Phoenixville, Pa.
Lappan, Jas. Mfg. Co., 20th & Pike
McNeil, Jas. & Bros. Co., 29th & A. V. Ry.
Munroe, R. & Sons Mfg. Corporation, 23d & Smallman
Oil Well Supply Co., 215 Water
PETROLEUM IRON WORKS CO., Farmers' B'k bldg. (See adv. index, end of book)
Rheam, S. B. & Co., 43d & A. V. Ry.
SCAIFE, WM. B. & SONS CO., 221 1st av. (See adv. index, end of book)
Stirling Co. (of Chicago), 421 Wood
Ttruthers-Wells Co. (of all Types). Works, Warren, Pa.
PITTSTON—Exeter Machine Works
POTTSTOWN—Sotter Bros. (Inc.)
POTTSVILLE—Sparks & Parker
READING—Orr & Sembower (Inc.) (Vertical, Horizontal & Locomotive)
Reading Iron Co.
Reading Scale & Machine Co.
Wilson, Geo. C. & Co.
RIDGWAY—Ridgway Mfg. Co.
SCOTTDALE—Kenney & Co. (Steam & Tubular)
SCRANTON—Allis-Chalmers Co.
Finch Mfg. Co., N 8th c W Linden
Mursch, Fred, Jr., 500 Birch
SHAMOKIN—Mullen, John & Son
SHARON—Sharon Boiler Works, Ltd.
TATAMY—Messinger Mfg. Co. (Low Pressure)
TITUSVILLE—Titusville Iron Co. (Horizontal, Tubular & Fire Box)
TROY—Troy Engine & Machine Co.
WARREN—Hammond Iron Works
Struthers-Wells Co.
WASHINGTON—**PETROLEUM IRON** Works Co. (See adv. index, end of book)
WAYNESBORO—Frick Co.
Geiser Mfg. Co.
WILKESBARRE—Backus, Peter B.
Vulcan Iron Works
WILLIAMSPORT—Kecler, E. Co.
Larzelere Machine Co.
YORK—Broomell, Schmidt & Steacy Co. (Water Tube)
Farquhar, A. B. & Co. (Tubular)
Motter, Geo. F. & Sons
York Mfg. Co., Ltd. (Return Tubular)

RHODE ISLAND.

HOPE VALLEY—Nichols & Langworthy Machine Co.
PROVIDENCE—Almy Water Tube Boiler Co., 178 Allen's av
Globe Steam Boiler & Iron Works, 252 Dyer
Hicks Boiler Works, 614 S Main

SOUTH CAROLINA.

CHARLESTON—Charleston Iron Works
Riley, Jno. F.
Valk & Murdoch Iron Works
Riverside Iron Works
SPARTANSBURG—Morgan, Wood & Iron Works

TENNESSEE.

CHATTANOOGA—Casey & Hedges Mfg. Co.
Chattanooga Engine & Boiler Works
Lookout Boiler & Mfg. Co.
Sherman-Morris Mfg. Co.
Walsh & Weidner Boiler Co.
JACKSON—Southern Engine & Boiler Works
KNOXVILLE—Dallas, B. B.
MEMPHIS—Chickasaw Iron Works, 2d c Winchester
McCarthy & Son, 130 N Front
Shea, Daniel Boiler Works, Front & Wash
NASHVILLE—Culbert, Wm. & Sons, 127 S. Market
Wood, B. G., 104 N College
SOUTH PITTSBURG—Tenn. Coal, Iron & R. R. Co.

TEXAS.

BEAUMONT—Penman Steel & Iron Works
DALLAS—Moser Mfg. Co.
Thrash, J. F.
FT. WORTH—Ft. Worth Boiler Works
Vanzandt-Moore Iron Works
GALVESTON—Astall Iron Works Co., 2615 Strand
Bothman, Wm., 2509 Mechanic
Clarke, John, 1612 A
McDonough Iron Works, 1901 Strand
HOUSTON—Hartwell Iron Works
Tofte, Herman H.
SAN ANTONIO—Alamo Iron Works
Collins, F. F. Mfg. Co.
SHERMAN—Sherman Iron Works
Washington Iron Works
TEXARKANA—Texas Car & Foundry Co.

UTAH.

SALT LAKE CITY—Haynes, H. E. & Co.
Holmes, Samuel

VERMONT.

BURLINGTON—Lang Goodhue Mfg. Co., Park av
NORTH BENNINGTON—Simmons, H. C.
RUTLAND—Holmes, J. H. & Co.
WINOOSKI—Stevens Machine Co.

VIRGINIA.

NEWPORT NEWS—Newport News Ship Building & Dry Dock Co.
NORFOLK—Duvall, Geo. W. & Co.
Etna Iron Works
RICHMOND—American Locomotive Co. (Locomotive Boilers only)
McCabe, Geo. & Son, 7th, c Ohio

WASHINGTON.

EVERETT—Sumner Iron Works
FAIRHAVEN—Reid Boiler Works
OLYMPIA—Mason C. Z.
SEATTLE—Ballard Boiler Works, Shilshole av, nr 3d av
Foster, Jno., Railroad av, ft. Stewart
Markey, H. W., 830 1st av S
Puget Sound Boiler Works, ft. King
Standard Boiler Works, 1013 1st av S
Sullivan, P. J., c King & R R av
Washington Iron Works Co., Grant st bridge
SPOKANE—Cleary, J. E.
National Iron Works (Inc.)
Union Iron Works (Inc.) The Rookery
TACOMA—Norton, Wm., 2110 A
Puget Sound Dry Dock & Machine Co., 1701 Dock
Puget Sound Iron & Steel Works, c A & 21st
Tacoma Steam Boiler Works. 1803 Dock

WEST VIRGINIA.

CHARLESTON—Charleston Boiler & Foundry Co.
South Side Foundry & Machine Works
Ward, Charles
SISTERVILLE—Ryan, E.

WISCONSIN.

APPLETON—Fairbanks & Timm
ASHLAND—Sanders, Robt. E.
CUDAHY—Power & Mining Machinery Co. (Locomotive Fire Box Co.)
EAU CLAIRE—Sarnson, H. C.
GREEN BAY—Andrews, Walter
Burns Boiler Co.
HURLEY—Lambrix Bros.
LA CROSSE—Funk, M. Boiler Works Co.
Solberg, W. J. & Son
MANITOWOC—Manitowoc Steam Boiler Works
MARINETTE—Hunt, Lawrence
MENOMENEE FALLS—Menomenee Falls Boiler Works
MILWAUKEE—Allis-Chalmers Co.
American Boiler Works, 287 Virginia
Cream City Marine Boiler Works, 183 Barclay
Davis Bros. Mfg. Co., 576 Clinton
Logeman Bros. Co., 286 Oregon
Mertes-Miller Co., 239 Lake
Milwaukee Boiler Co., 220 Oregon
Reliance Boiler Works, 263 Reed
VILTER MFG. CO., 1046 Clinton. (See adv. index, end of book)
OSHKOSH—Gustavus, E. R.
RACINE—Freeman, S. & Sons Mfg. Co.
SHEBOYGAN—Optenberg & Sonneman
SUPERIOR—Strothman Iron Co.
Superior Boiler Works
WATERTOWN—Kunert, E. Mfg. Co.
WEST DE PERE—Burns Boiler & Mfg. Co.

Boilers (Steel Sectional)

GORTON & LIDGERWOOD CO., 96 Liberty, N. Y., & 84 Van Buren, Chicago, Ill. (See adv. index, end of book)

Boilers (Water Tube)

Abendroth & Root Mfg. Co. ("Root"), 99 John, N. Y. Works, Newburgh, N. Y.
Allis-Chalmers Co., N. Y. Life bldg, Chicago; 71 Bway, New York. Works, Chicago, Milwaukee & Scranton, Pa.
Almy Water Tube Boiler Co., 178 Allen's av, Providence, R. I.
Atlas Engine Works, Indianapolis, Ind.
Aultman & Taylor Machinery Co. (Cahall), Mansfield, O.
Babcock & Wilcox Co., 85 Liberty, N. Y.
Bonson Furnace & Boiler Co., Marquette bldg, Chicago, Ill
Broomell, Schmidt & Steacy Co. ("American" combination), York, Pa.
Cahall Sales Dept. (Cahall), 541 Wood, Pittsburg, Pa.
Coatsville Water Tube Boiler Co., Coatsville, Pa.
Dearing Water Tube Boiler, 555 Grand River av, Detroit, Mich.
Detroit Screw Works (The Taylor), 346 Franklin, Detroit, Mich.
Dubois Iron Works, Dubois, Pa.
East End Boiler Works (Detroit), Detroit, Mich.
Edge Moor Iron Co. (also the Galloway & Internally Fired), Wilmington, Del.
Erie City Iron Works, Erie, Pa.
Erie Engine Works, Erie, Pa.
Fore River Ship & Building Co., Quincy, Mass.
Franklin Boiler Works Co., Green Island, Troy, N. Y.
Gas Engine & Power Co., & Chas. L. Seabury & Co. (Seabury Safety, Marine & Stationary), 11 B'way, N. Y., & Morris Heights, N. Y.
Geary Water Tube Boiler Co., 39 Cortlandt, N. Y., & Oil City, Pa.
Hammond Iron Works, Warren, Pa.
Harrisburg Mfg. & Boiler Co., Harrisburg, Pa.
Hazleton Boiler Co., Rutherford, N. J.
Heine Safety Boiler Co., 421 Olive, St. Louis, Mo., & 11 B'way, N. Y., & Phoenixville, Pa.
Herreshoff Mfg. Co. (Herreshoff Patent), Bristol, R. I.
Hyde Bros. & Co. ("Hyde"), Empire bldg, Pittsburg, Pa.
Jackson & Church Co., Saginaw, Mich.
Keeler, E. Co., Williamsport, Pa.
McCarthy, F. P. & Son, Memphis, Tenn.
McNaull, W. D.
McNeil Boiler Co. ("Cook"), Akron, O.
Marietta Boiler Works, Marietta, O.
Meehan Boiler & Construction Co., Lowellville, O.
Minton, R., 119 Summer, E. B., Boston, Mass.
Mohr, Jno. & Sons (Inc.) (Rust), 32 Illinois, Chicago, Ill., & Frick bldg, Pittsburg, Pa.
Moore, E. J. Machine & Foundry Co. (Moore's Patent Land & Marine Service), 2227 Wood, Phila., Pa.
Munroe, R. & Sons, Corp., 23d & Smallman, Pittsburg, Pa.
Mullen, John & Son, Shamokin, Pa.
National Water Tube Boiler Co., New Brunswick, N. J.
N. Y. Safety Steam Power Co., 113 Liberty, New York
O'Brien, John, Boiler Works Co., 11th & Mullanphy, St. Louis, Mo.
Oil City Boiler Works, Oil City, Pa., & 39 Cortlandt, N. Y.
Oil Well Supply Co., 210 Water, Pittsburg, Pa.
Parker Engine Co., Drexel Bldg., Phila., Pa.; & Crocker Bldg., San Francisco, Cal.
Provuncher Water Tube Boiler Co., 132 Water, E. Providence, R. I.
Remington Machine Co., Wilmington, Del.
Ricard Boiler & Engine Co. (The McNaull), Toledo, O.
Risdon Iron & Locomotive Works, cor Steueart & Folsom, San Francisco, Cal.
Roberts Safety Water Tube Boiler Co., Red Bank, N. J., & 39 Cortlandt, N. Y.
Rochester Machine Tool Works (Buckley), Roch-
Rosser & Castoe, Bellaire, O. ester, N. Y.
Rust Boiler Co., German Nat'l Bk. bldg, Pittsburg, Pa.
Shapley & Wells, Binghamton, N. Y.
Sharon Boiler Works ("Wheeler" Vertical), Sharon Pa.
Standard Safety Boiler Co. ("Horizontal & Vertical"), 204 Dearborn, Chicago, Ill. Works, Muskegon, Mich.
Stearns Mfg. Co., Erie, Pa.
Stirling Co., Pullman bldg, Chicago, Ill.; 10 P. O. Sq., Boston, Mass.; 421 Wood, Pittsburg, Pa.; Neave bldg., Cincinnati, O.; Betz bldg., Phila., Pa.; 114 Liberty, New York. Works, Barberton, O.
Struthers-Wells Co., Warren, Pa.
Sumner Iron Works, Everett, Wash.
Taylor Water Tube Boiler Co. (for Yachts, Tugs, etc.), Detroit, Mich.
Thorpe, Platt & Co. (Thornycroft), 99 Cedar, New York
Tonkin Boiler Co., Oswego, N. Y.
Tudor Boiler Mfg. Co., 716 E Pearl, Cincinnati, Ohio
Union Iron Works, 222 Market, San Francisco, Cal.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Ward, Charles, Charlestown, W. Va.
Wetherill, R. & Co. ("Berry"), Chester, Pa. Louis, Mo., & 25 Broad, N. Y.
Wickes Bros. (Vertical & Horizontal), Saginaw, Mich.

Bolsters (Car Truck & Body)

American Car & Foundry Co., 706 Chestnut, St. Louis, Mo., & 71 B'way, N. Y.
American Iron & Steel Mfg. Co., Lebanon, Pa.
American Steel Foundries (Cast Steel), Main Office, 74 Bway, N. Y.; Fisher bldg., Chicago, Ill.; St. Louis, Mo.; Frick bldg., Pittsburg, Pa.
Bettendorf Axle Co., Davenport, Ia.
Commonwealth Steel Co., St. Louis, Mo.
Leighton & Howard Steel Co. (Cast Steel), 318 N 8th, St. Louis, Mo. Works, East St. Louis, Ill.
Pressed Steel Car Co. (Pressed Steel), Pittsburg, Pa.
Simplex Railway Appliance Co. (Freight, etc.), Hammond, Ind.; Chicago & N. Y. City
Standard Steel Car Co., Frick bldg., Pittsburg, Pa., & 170 B'way, N. Y. Works, Butler, Pa.
Sterlingworth Railway Supply Co. (Rolled Steel), North American bldg, Phila., Pa. Works, Easton, Pa.
Wellman-Seaver-Morgan Co. ("Wellman-Street" Cast Steel Bolsters), Cleveland, O. & Akron, O.

Bolt Clippers

(See Clippers, Bolt & Rivet.)

Bolt Cutters.

(See Cutters, Bolt.)

Bolt Ends.

American Bolt Co., Lowell, Mass.
American Iron & Steel Mfg. Co., Lebanon, Pa.
Atlas Bolt & Nut Co., 218 High, Boston, Mass.
Central City Bolt Co., Syracuse, N. Y.
Clark Bros. Bolt Co., Milldale, Conn.
Columbus Bolt Works, Columbus, O.
Continental Bolt & Iron Works, 22d & Union, Chicago
Diamond State Steel Co., Wilmington, Del.; 29 B'way, N. Y., & Phila., Pa.
Graham Nut Co., 755 Rebecca, Allegheny, Pa.
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., 1330 Buttonwood, Philadelphia, Pa.
Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Lake Erie Iron Co., Wade bldg., Cleveland, O.
Lamson & Sessions Co., 412 Scranton av., Cleveland, O.
Lanz, M. & Sons, 101 S 29th, Pittsburg, Pa.
Michigan Bolt & Nut Works, ft Meldrum av, Detroit, Mich., & 135 Adams, Chicago
Milton Mfg. Co., Milton, Pa.
NATIONAL SUPPLY CO., 7 W. Lombard, Baltimore, Md. (See adv. index, end of book)
New England Bolt & Nut Co., 253 Atlantic av., Boston, Mass.
Old Dominion Iron & Nail Works Co., Richmond, Va.
Oliver Iron & Steel Co., S. 10th & Muriel, Pittsburg, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pittsburg Mfg. Co., 28th & R. R., Pittsburg, Pa.
Pittsburg Screw & Bolt Co., Pittsburg, Pa.
Republic Iron & Steel Co., General Offices: First Natl Bank bldg., Chicago
Rhode Island Tool Co. (With Square Nut), Providence, R. I.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Scranton Bolt & Nut Co., Scranton, Pa., & 25 Broad, N. Y.
Upson Nut Co., Unionville, Conn., & Cleveland, Ohio
Wheeling Hinge Co., Wheeling, W. Va.

Bolt Headers

(See Machinery.)

Bolt Nippers (Pneumatic)

CHICAGO PNEUMATIC TOOL CO., Fisher bldg., Chicago, Ill., & 95 Liberty, N. Y. (See adv. index, end of book)
Port Huron Air Tool Co., Port Huron, Mich.

Bolt Pointers

(See Machinery.)

Bolt Threaders

(See Machinery.)

Bolt Upsetters

(See Machinery.)

Bolt & Nut & Rivet Mfrs.

(See also Sub-classifications of Bolts)
(Also of Nuts)
(Also of Rivets)
Also of Screws)
(Also of Washers)

CALIFORNIA.

SAN FRANCISCO—California Bolt Works (Bolts, Nuts & Washers), 119 Beale
Judson Mfg. Co.
Pacific Rolling Mill Co., 59 Mission
Payne's Bolt Works (Bolts, Screws, Washers, etc.), 121 Howard
Upson Nut Co., 12 Drumm

COLORADO.

DENVER—Colorado Fuel & Iron Co. (Bolts, Nuts, etc.), Boston bldg

CONNECTICUT.

BRIDGEPORT—Bridgeport Brass Co. (Brass, Rivets, etc.)
Swinnerton & Sniffen Mfg. Co., 1517 Wood av
DERBY—Birmingham Brass Co. (Rivets, etc.)
Shelton Co. (Bolts, etc.)
HARTFORD—Billings & Spencer Co. (Bolts, Nuts & Screws, Dropped Forged), 142 Russ
Hartford Machine Screw Co. (Bolts), 476 Capitol av
MARION—Frost, L. D. (Est. of)
MILLDALE—Clark Bros. Bolt Co. (Bolts & Nuts)
MT. CARMEL—Mt. Carmel Bolt Co. (Bolts, Nuts & Rivets)
NEW BRITAIN—Corbin Screw Corporation (Bolts, etc.)
NEW HAVEN—American Rivet Co. (Rivets), 30 Webster
Cowles, C. & Co. (Bolts)
Reynolds & Co. (Bolts, Nuts, etc.), 321 East
Sargent & Co. (Bolts, etc.)
PLANTSVILLE—Atwater Mfg. Co. (Bolts)
SEYMOUR—New Haven Copper Co. (Copper, Bolts, etc.)
SHELTON—Bassett, D. M. (Bolts)
SOUTHINGTON—Aetna Nut Co. (Nuts & Washers)
Southington Cutlery Co. (Bolts, Nuts, & Washers)
TORRINGTON—Coe Brass Mfg. Co. (Rivets)
Progressive Mfg. Co. (Rivets, etc.)
UNIONVILLE—Union Nut & Bolt Co. (Nuts, Bolts, etc.)
Union Nut & Bolt Co. (Nuts, Bolts, etc.)
Upson Nut Co. (Bolts, Nuts, Rivets, etc.)
WATERBURY—†**BENEDICT & BURN**-ham Mfg. Co. (Copper). (See adv. index, end of book)
Blake & Johnson (Special Rivets, etc.)
Holmes, Booth & Haydens (Copper Rivets, etc.)
Plume & Atwood Mfg. Co. (Copper Rivets, etc.)
Scovill Mfg. Co. (Brass & Copper Rivets)
Steele & Johnson Mfg. Co. (Bolts, etc.)
Waterbury Brass Co. (Brass & Copper Rivets & Washers)
Waterbury Mfg. Co. (Rivets)
WINSTED—Moore-Franklin Co. (Bolts, Nuts, Rivets, etc.)
Richards, T. C. Hdw. Co. (Bolts, Nuts & Rivets)

DELAWARE.

WILMINGTON—Diamond State Steel Co (Bolts, Nuts, Etc.)

ILLINOIS.

CHICAGO—American Iron & Steel Mfg. Co., "The Rookery"
American Screw Co. (Bolts, Rivets, Etc.), 19 Lake
Clark Bros. Bolt Co. (Bolts & Nuts), 69 Dearborn
Cleveland Bolt & Mfg. Co. (Bolts), 166 Lake
Columbia Lock Nut Co., 60 Wabash av
Continental Bolt & Iron Works (Bolts, etc.), 22d & Union
Corbin Screw Corporation (Bolts, etc.), 104 Lake
Illinois Steel Co. (Track Bolts), The Rookery
Michigan Bolt & Nut Works (Bolts, Nuts & Rivets), 135 Adams
Republic Iron & Steel Co. (Bolts, Nuts, Rivets, Screws & Washers), First Natl Bank bldg
Russell, Burdall & Ward Bolt & Nut Co., 138 Washn
Standard Screw Co. (Bolts, Nuts & Screws), 2 N Canal
Tubular Rivet & Stud Co., 231 Lake
Union Nut & Bolt Co., 232 Lake
Walker & Ehrman Mfg. Co. (Bolts, Nuts, etc.), 127 W Washington
MARSEILLES—Moore, Joshua (Bolts).
ROCK FALLS—Cobb & Drew (Small Bolts, Rivets, etc.)
ROCKFORD—Rockford Bolt Works (Bolts, Nuts, Rivets, etc.)

INDIANA.

BRAZIL—Central Iron & Steel Co.

MARYLAND.

BALTIMORE—Balto. Bolt & Iron Wks. (Bolts & Nuts), 361 North
Dietrich Bros. (Bolts, Screws & Washers), 344 North
NATIONAL SUPPLY CO. (Bolts, Nuts & Washers), 7 W. Lombard. (See adv. index, end of book)

MASSACHUSETTS.

BOSTON—American Iron & Steel Mfg. Co. Bolts, Nuts, Washers, etc.), 220 Devonshire
Atlas Bolt & Nut Co. (Bolts, Nuts, Screws & Washers), 218 High
284 Franklin
Boston Bolt Co. (Bolts, Nuts, Rivets, etc.), 284 Franklin
Metropolitan Bolt Co. (Bolts, etc.), 148 Purchase
New England Bolt & Nut Co. (Bolts, Rivets & Washers), 265 Atlantic av
New England Screw Co., Sudbury bldg.
Standard Rivet Co., 41 Lincoln
Sylvester Co. (Bolts, Nuts, Spikes, etc.), 70 Kilby
Tubular Rivet & Stud Co. (Rivets), 87 Lincoln
PLYMOUTH—Cobb & Drew (Small Bolts, Rivets, etc.)
Plymouth Mills (Rivets & Washers)
TAUNTON—Taunton Rivet Co. (Rivets & Washers)
WORCESTER—McCloud, Crane & Minter Co. (Bolts, Nuts, etc.)
Reed & Prince Mfg. Co. (Bolts, Nuts, Rivets, Washers, etc.)
Smith, Thos. & Co. (Bolts, Nuts & Washers)
Wilson & Smith (Bolts, Nuts & Washers)
Wire Goods Co. (Bolts, etc.), 20 Union

MICHIGAN.

DETROIT—**ANDERSON, W. H. & SONS** (Bolts). (See adv. index, end of book)
Detroit Copper & Brass Rolling Mills (Rivets), McKinstry av & Wabash R. R.
Michigan Bolt & Nut Works (Bolts, Nuts, Rivets & Washers), ft Meldrum av
Whitman, C. B. & C. A. (Bolts, Nuts, Rivets, Screws & Washers)

MISSOURI.

KANSAS CITY—Kansas City Bolt & Nut Co. (Bolts, Nuts, Rivets & Washers), Inde av c Bristol
ST. LOUIS—Moran Bolt & Nut Mfg. Co. Bolts, Nuts, Rivets, Screws & Washers), c Florida & Main
St. Louis Screw Co. (Bolts, Nuts, etc.), 600 E Clarence

NEW JERSEY.

JERSEY CITY—Ames, W. & Co. (Bolts)

NEW YORK.

AUBURN—Meyer & Co. (Nuts and Washers)
BUFFALO—Buffalo Bolt Co. (Bolts and Nuts). (See No. Tonawanda, N. Y.)
Niagara Screw Co. (Bolts, Nuts and Screws) 20 Lock

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Upham, V. B. & Bro. (Rivets), cor John & Hudson av
Upham, V. B. & Bro. (Rivets), c John & Hudson av

Boroughs of Manhattan and Bronx.

NEW YORK—Gaskell, Wm. & Son (Bolts), 433 E 25th
Greenlie, Wyatt & Co. (Bolts, Nuts, Rivets & Washers), 499 Water
Hall's, Samuel Sons (Bolts, Screws & Washers), 229 W 10th
HUNGERFORD, U. T. BRASS & Copper Co. (Bolts, Nuts, Rivets, Screws & Washers), 497 Pearl
Iron Clad Mfg. Co. (Rivets), 24 Cliff
END OF NEW YORK CITY.

NORTH TONAWANDA—Buffalo Bolt Co.
PORT CHESTER—Russell, Burdsall & Ward Bolt & Nut Co. (Bolts, Nuts & Washers)
ROCHESTER—Rochester Machine Screw Co. (Nuts, etc.), 15 Caledonia av
ROME—Rome Brass & Copper Co. (Copper Rivets & Washers, etc.)
SYRACUSE—Central City Bolt Co. (Bolts, Nuts & Screws), 1620 N Salina
TROY—Burden Iron Co. (Rivets)

OHIO.

BEREA—Ray Automatic Machine Co. (Bolts, Nuts, etc.)
CANTON—Ney Mfg. Co. (Bolts)
CINCINNATI—Cincinnati Screw & Tap Co. (Bolts, etc.), 2442 Beekman
Evans, C. W. Steel & Iron Co. (Rivets & Washers), 12 E Front
Robertson, W. F. Steel & Iron Co. (Rivets & Washers), cor Front & Elm
CLEVELAND—Atlas Bolt & Screw Co. (Bolts), Marquette, opp Hamilton
Bettcher Mfg. Co. (Bolts, Nuts & Washers), Clark av & Prim
Bourne & Knowles Mfg. Co. (Nuts, Rivets & Washers), 68 Main
Champion Rivet Co. (Rivets), Union str at Erie R. R.
Cleveland Bolt & Mfg. Co. (Bolts), Stanton & C. & P. R. R.
Cleveland Cap Screw Co. (Bolts, Screws, etc.), 66 Clarkwood av.
Cleveland City Forge & Iron Co. (Nuts), 67 Case av
Kirk-Latty Mfg. Co. (Bolts, Nails, Rivets, Screws, etc.), Malcolm, at Nickel Plate R. R.
Lake Erie Iron Co. (Bolts, Nuts & Washers), Wade bldg.
Lamson & Sessions Co. (Bolts, Nuts & Rivets), 412 Scranton av
Monarch Bolt & Screw Co. (Bolts)
National Screw & Tack Co. (Bolts, Nuts & Rivets), Stanton & C. & P. R. R.
Union Steel Screw Co. ("North" Bolts)
Upson Nut Co. (Bolts, Nuts & Rivets), C., C., C. & St. L. Ry., nr Scranton av
COLUMBUS—Berry Bros. (Bolts, Nuts & Rivets)
Columbus Bolt Works (Bolts, Nuts, Rivets, Screws & Washers)
ELYRIA—Western Automatic Machine Screw Co. (Bolts, Nuts, etc.)
YOUNGSTOWN—Youngstown Bolt Co. (Bolts, Nuts & Rivets)

PENNSYLVANIA.

LANCASTER—Penn Iron Co. (Ltd.) (Bolts, Nuts, Rivets & Washers)
LEBANON—American Iron & Steel Mfg. Co. (Bolts, Nuts, Rivets & Washers)
McKEE'S ROCKS—Lockhart Iron & Steel Co. (Bolts)
MILTON—Milton Mfg. Co. (Bolts, Nuts & Washers)
NEW CASTLE—New Castle Forge & Bolt Co. (Bolts & Rivets.)
NORRISTOWN—Reading Screw Co. (Stove & Fire Bolts)
PHILADELPHIA—Cambria Steel Co. (Bolts) Arcade bldg
Hoopes & Townsend Co. (Bolts, Nuts, Rivets, Screws & Washers), 1330 Buttonwood
Kurrie Bros. Co., 637 N Watts
McGookin, D. H. (Bolts), 1630 N 9th
Philadelphia Machine Screw Works (Bolts, Etc.), 624 Race
Skelly, Thos. P. & Co. (Bolts), 24th, bel. Callowhill
PITTSBURG—Garland Nut & Rivet Co., 301 Ross
Graham Nut Co., W Carson nr Point bdge
Hubbard & Co., 62d & Butler
Hussey, C. G. & Co. (Rivets, Copper), 2850 2d av
Lanz, M. & Sons (Bolts, Nuts, Rivets & Washers), 101 S 29th
Neely Bolt & Nut Co. (Ltd.), (Bolts, Nuts, Washers, etc.)
Oliver Iron & Steel Co. (Bolts, Nuts, Rivets, Screws & Washers), S. 10th & Muriel
Pittsburg Mfg. Co. (Bolts, Nuts, Rivets & Washers), 28th & A. V. Ry
Pittsburg Screw & Bolt Co. (Bolts, Nuts & Rivets), 25th & Liberty av
SCAIFE, WM. B. & SONS CO. (Bolts & Rivets), 221 1st av. (See adv. index, end of book)
Severance, S. Mfg. Co. (Bolts & Rivets), Murtland bldg
POTTSVILLE—Pottsville Bolt Co. (Bolts & Screws)
READING—American Iron & Steel Mfg. Co.
SCRANTON—Scranton Bolt & Nut Co. (Bolts, Nuts, Rivets, Screws & Washers)

RHODE ISLAND.

PAWTUCKETT—Haskell, Wm. H. Mfg. Co. (Bolts, Nuts, Screws & Washers)
Pawtucket Mfg. Co. (Bolts, Nuts & Washers)
PROVIDENCE—American Screw Co. (Bolts, Nuts & Rivets), 21 Stevens
Eastern Bolt & Nut Co., P. O. Box 698, Providence, R. I.
Rhode Island Tool Co. (Bolts, Nuts & Washers)

TEXAS.

FORT WORTH—Standard Bolt & Mfg. Co.

VIRGINIA.

RICHMOND—Old Dominion Iron & Nail Works Co. (Bolts, Rivets, etc.)
Tredegar Co. (Bolts, Spikes, etc.)

WISCONSIN.

MILWAUKEE—Milwaukee Tack Co. (Rivets), Wahl c 27th av.
National Elastic Nut Co., Russell av, c Superior

Bolt & Screw Cases

American Bolt & Screw Case Co., Dayton, O. index, end of book)

Bolt & Shield (Expansion)

Haskell Wm. H. Mfg. Co., Pawtucket, R. I.
N. J. FOUNDRY & MACHINE CO. (Diamond), 9 Murray, New York. (See adv index, end of book)

Bolts (Anchor)

Church, Isaac, 1521 Walnut, Toledo, O.
Lang, M. & Sons, 101 S 29th, Pittsburg, Pa.
Penna. Iron Co., Lancaster, Pa.
VARIETY MFG. CO. (of all kinds, etc.), 77 W Lake, Chicago, Ill. (See adv. index, end of book)

Bolts (Barn Door)

American Steel & Wire Co., "The Rookery," Chicago; 71 B'way, N. Y., & Cleveland, O.
Arcade Mfg. Co., Freeport, Ill.
Atlas Bolt & Nut Co., 218 High, Boston, Mass.
Enterprise Mfg. Co., 3d & Dauphin, Phila., Pa.
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 31 Warren, N. Y.
Sargent & Co., New Haven, Conn., & 151 Leonard, New York

Bolts (Barrel)

Griffin Mfg. Co. (Wrought Steel), Erie, Pa.
NATIONAL SUPPLY CO., 7 W. Lombard, Baltimore, Md. (See adv. index, end of book)
New England Bolt & Nut Co., 253 Atlantic av., Boston, Mass.
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 31 Warren, N. Y.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Sargent & Co., 151 Leonard, New York, & New Haven, Conn.
STANLEY WORKS (Wrought Steel), New Britain, Conn., & 79 Chambers, N. Y. (See adv. index, end of book.)

Bolts (Belt or Elevator)

American Bolt Co., Lowell, Mass.
American Iron & Steel Mfg. Co., Lebanon, & Reading, Pa.
American Screw Co., Providence, R. I., & 19 Lake, Chicago, Ill.
Central City Bolt Co., Syracuse, N. Y.
Clark, W. J. Co., Salem, Ohio.
Columbia Screw Co., 106th & Cottage Grove av, Chicago, Ill.
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., 1330 Buttonwood, Phila., Pa.
Lake Erie Iron Co. (Elevator), Wade bldg., Cleveland, O.
Lamson & Sessions Co., Cleveland, O.
Moran Bolt & Nut Mfg. Co., Florida c Main, St. Louis, Mo.
New England Bolt & Nut Co., 253 Atlantic av, Boston, Mass.
Oliver Iron & Steel Co., Pittsburg, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Penn Iron Co., Lancaster, Pa.
Reynolds & Co., 321 East, New Haven, Conn.
Rockford Bolt Works, Rockford, Ill.
Smith, Thos. & Co., Worcester, Mass.
Union Nut & Bolt Co., Unionville, Conn.

Bolts (Bicycle)

Clark Bros. Bolt Co., Milldale, Conn.
National Screw & Tack Co., Cleveland, O.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
St. Louis Screw Co., 600 E. Clarence, St. Louis, Mo.

Bolts (Boiler Patch)

American Iron & Steel Mfg. Co., Lebanon & Phila., Pa.
Cincinnati Screw & Tap Co., 2442 Beekman, Cincinnati, O.
Corbin Screw Corporation, New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, Ill., & 925 Market, Phila., Pa.
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., 1330 Buttonwood, Phila., Pa.
Lake Erie Iron Co., Wade bldg., Cleveland, O.
Lanz, Mathew & Sons, 101 S 29th, Pittsburg, Pa.
Moran Bolt & Nut Mfg. Co., St. Louis, Mo.
Niagara Screw Co., Buffalo. N. Y.
Oliver Iron & Steel Co., Pittsburg, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pittsburg Screw & Bolt Co., Pittsburg, Pa.
Scranton Bolt & Nut Co., Scranton, Pa., & 25 Broad, N. Y.
St. Louis Screw Co., 600 E Clarence, St. Louis, Mo.
Standard Screw Co., 2 N Canal, Chicago, Ill.

Bolts (Boiler Stay)

American Iron & Steel Mfg. Co., Lebanon, & Reading, Pa.
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
Lake Erie Iron Co., Wade bldg., Cleveland, O.
Lang, M. & Sons, 101 S 29th, Pittsburg, Pa.
Lockhart Iron & Steel Co., McKees Rocks, Pa.
Michigan Bolt & Nut Works, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., St. Louis, Mo.
National Supply Co., Baltimore, Md.
Republic Iron & Steel Co., General Offices, First Natl Bank bldg., Chicago, Ill.
Rockford Bolt Works, Rockford, Ill.
Walker & Enrman Mfg Co., 127 W Wash'n, Chicago, Ill.

Bolts (Brass & Copper)

Columbia Screw Co., 106th & Cottage Grove av, Chicago, Ill.
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
Hendricks Bros. (Copper only), 49 Cliff, N. Y.
HUNGERFORD, U. T., BRASS & COPPER CO., 497 Pearl, N. Y.
NATIONAL SUPPLY CO., 7 W. Lombard, Baltimore, Md. (See adv. index, end of book)
New Haven Copper Co. (Copper), Seymour, Conn. & 114 Chambers, N. Y.
Pawtucket Mfg. Co., Pawtucket, R. I.
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 31 Warren, N. Y.
Phosphor Bronze Smelting Co., (Ltd.), 2200 Wash'n av, Phila., Pa.
Reading Hardware Co., Reading, Pa.
Taunton-New Bedford Copper Co. (Yellow Metal only), New Bedford & Taunton, Mass.

Bolts (Bridge & Structural)

American Bolt Co., Lowell, Mass.
American Iron & Steel Mfg. Co., Lebanon, & Reading, Pa.
Boston Bolt Co., 284 Franklin, Boston, Mass.
Central City Bolt Co., Syracuse, N. Y.
Colorado Fuel & Iron Co., Denver, Col., & 71 B'way, N. Y.
Columbus Bolt Works, Columbus, O.
Continental Bolt & Iron Works, 22d & Union, Chicago, Ill.
Diamond State Steel Co., Wilmington, Del.; 29 B'way, N. Y., & Phila., Pa.
Gaskell, Wm. & Son, 433 E 25th, New York
Graham Nut Co., 755 Rebecca, Allegheny, Pa.
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., 1330 Buttonwood, Phila., Pa.
Judson Mfg. Co., Howard & Beale, San Francisco, Cal.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lake Erie Iron Co., Wade bldg., Cleveland, O.
Lanz, Mathew & Sons, 101 S 29th, Pittsburg, Pa.
McGookin, D. H. & Co., 1630 N 9th, Phila., Pa.
Michigan Bolt & Nut Works, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., St. Louis, Mo.
NATIONAL SUPPLY CO., 7 W. Lombard, Baltimore, Md. (See adv. index, end of book)
New England Bolt & Nut Co., 253 Atlantic av, Boston, Mass.
Old Dominion Iron & Nail Works Co., Richmond, Va.
Oliver Iron & Steel Co., Pittsburg, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pittsburg Mfg. Co., 28th & A. V. R. R., Pittsburg, Pa.
Republic Iron & Steel Co., General Offices, First Natl Bank bldg., Chicago; District Sales Offices, Ellicott sq., Buffalo; Citizens' Bank bldg, Cleveland; Birmingham, Ala.; 66 Bway, N. Y.; Mermod-Jaccard bldg, St. Louis; Endicott Arcade, St. Paul; Frick bldg, Pittsburg, Pa., & Traction bldg, Cincinnati, O.

Reynolds & Co., 321 East, New Haven, Conn.
Rockford Bolt Works, Rockford, Ill.
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book.)
Scranton Bolt & Nut Co., Scranton, Pa., & 25 Broad, N. Y.
Simons & Sons, Spokane, Wash.
Smith, Thos. & Co., Worcester, Mass.
Sylvester Co., 70 Kilby, Boston, Mass.
Union Bolt & Nut Co., Unionville, Conn.
Upson Nut Co., Unionville, Conn., and Cleveland, O.
Youngstown Bolt Co., Youngstown, O.

Bolts (Bronze)

(See Bolts, Brass & Copper.)

Bolts (Car)

American Bolt Co., Lowell, Mass.
American Iron & Steel Mfg. Co., Lebanon, & Reading, Pa.
Continental Bolt & Iron Works, 22d & Union Chicago, Ill.
Hoopes & Townsend Co., 1330 Buttonwood, Phila., Pa.
Lake Erie Iron Co., Wade bldg., Cleveland, O.
Lanz, Mathew & Sons, 101 S 29th, Pittsburg, Pa.
Michigan Bolt & Nut Works, ft Meldrum av., Detroit, Mich., & 135 Adams, Chicago
Moran Bolt & Nut Mfg. Co., Florida c Main, St. Louis, Mo.
NATIONAL SUPPLY CO., 7 W. Lombard, Baltimore, Md. (See adv. index, end of book)
Old Dominion Iron & Nail Works Co., Richmond, Va.
Oliver Iron & Steel Co., Pittsbnrg, Pa.
Penn Iron Co., Lancaster, Pa.
Pottsville Bolt Co., Pottsville, Pa.
Rockford Bolt Works, Rockford, Ill.
Scranton Bolt & Nut Co., Scranton, Pa., & 25 Broad, N. Y.
Smith, Thos. & Co., Worcester, Mass.
Youngstown Car Mfg. Co., Youngstown, O.
Youngstown Mfg. Co., Youngstown, O.

Bolts (Carriage)

American Bolt Co., Lowell, Mass.
American Iron & Steel Mfg. Co., Lebanon & Reading, Pa.
Atlas Bolt & Nut Co., 218 High, Boston, Mass.
Bassett Bolt Works, Derby, Shelton, Conn.
Berry Bros., Columbus, O.
Central City Bolt Co., Syracuse, N. Y.
Cincinnati Screw & Tap Co., 2442 Beekman, Cincinnati, O.
Clark Bros. Bolt Co., Milldale, Conn.
Cleveland Bolt & Mfg. Co. (North Patent), Cleveland, O. & 166 Lake, Chicago.
Cold-Jess Mfg. Co., Cleveland, O.
Columbus Bolt Works, Columbus, Ohio.
Cowles, C. & Co., New Haven, Conn.
Frost, L. D. (estate of), Marion, Conn.
Hoopes & Townsend Co., 1330 Buttonwood, Phila., Pa.
Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kirk-Latty Mfg. Co., Malcolm at Nickel Plate R. R., Cleveland, O.
Lake Erie Iron Co., Wade bldg., Cleveland, O.
Lamson & Sessions Co., 412 Scranton av, Cleveland, O.
Lanz, Matthew & Sons, 101 S 29th, Pittsburg, Pa.
Michigan Bolt & Nut Works, Detroit, Mich.
Milton Mfg. Co., Milton, Pa.
Moore, Franklin Co., Winsted, Conn.
Monarch Bolt & Screw Co., Cleveland, O.
Moran Bolt & Nut Mfg. Co., Florida c Main, St. Louis, Mo.
National Screw & Tack Co., Cleveland, O.
NATIONAL SUPPLY CO., 7 W. Lombard, Baltimore, Md. (See adv. index, end of book)
Neely Nut & Bolt Co., S 22d & P. & L. R. R., Pittsburg, Pa.
New Castle Forge & Bolt Co., New Castle, Pa.
New England Bolt & Nut Co., 253 Atlantic av, Boston, Mass.
Oliver Iron & Steel Co., Pittsburg, Pa.
Payne's Bolt Works, 121 Howard, San Francisco, Cal.
Peck, Stow & Wilcox Co., Southington, Conn.; 31 Warren, N. Y., & Cleveland, O.
Republic Iron & Steel Co., General Offices, First Natl Bank bldg, Chicago. District Sales offices, Ellicott sq, Buffalo, N. Y.; Citizens Bank bldg, Cleveland, O.; Birmingham, Ala.; 66 B'way, N. Y.; Mermodjaccard bldg. St. Louis, Mo.; Endicott Arcade, St. Paul; Frick bldg, Pittsburg, Pa., & Traction bldg, Cleveland, O.
Rockford Bolt Works, Rockford, Ill.
Scranton Bolt & Nut Co., Scranton, Pa., & 25 Broad, N. Y.
Shelton Co., Derby, Conn.
Skelly, Thos. P. & Co., 24th, below Callowhill, Phila., Pa.
Union Steel Screw Co. ("North" Ribbed Body), Cleveland, O.
Upson Nut Co., Unionville, Conn., & Cleveland, O.
VARIETY MFG. CO., 77 W. Lake, Chicago, Ill. (See adv. index, end of book.)
Wheeling Hinge Co., Wheeling, W. Va.
Wilson & Smith, Worcester, Mass.

Bolts (Collar)

American Iron & Steel Mfg. Co., Lebanon, & Reading, Pa.
Columbia Screw Co., 106th & Cottage Grove av, Chicago, Ill.
Corbin Screw Corporation, New Britain, Conn.; 15 Murray, N. Y.; 104 Lake, Chicago, Ill.; 925 Market, Phila., Pa.
Michigan Bolt & Nut Works, ft Meldrum av, Detroit, Mich., & 135 Adams, Chicago.
Old Dominion Iron & Nail Works Co., Richmond, Va.
Oliver Iron & Steel Co., Pittsburg, Pa.
Rhode Island Tool Co., Providence, R. I.
Scranton Bolt & Nut Co., Scranton, Pa., & 25 Broad, N. Y.
Western Automatic Machine Screw Co., Elyria, O.

Bolts (Copper Soldering)

Ansonia Brass & Copper Co., 99 John, N. Y. Works, Ansonia, Conn.
Clendenin Bros., 111 S Gay, Baltimore, Md.
Diamond Stamped Ware Co., Detroit, Mich.
New Haven Copper Co., Seymour, Conn.
Peck, Stow & Wilcox Co., 27 Murray, N. Y., Southington, Conn., & Cleveland, O.
Taunton-New Bedford Copper Co., Taunton, Mass., & New Bedford, Mass.

Bolts (Countersunk)

American Iron & Steel Mfg. Co., Lebanon, & Reading, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lamson & Sessions Co. (Round Head, etc.), 412 Scranton av, Cleveland, O.
Lanz, Matthew & Sons, 101 S 29th, Pittsburg, Pa.
Michigan Bolt & Nut Works, Detroit, Mich.
Moore, Franklin Co., Winsted, Conn.
Moran Bolt & Nut Mfg. Co., St. Louis, Mo.
Mount Carmel Bolt Co., Mount Carmel, Conn.
NATIONAL SUPPLY CO., 7 W. Lombard, Baltimore, Md. (See adv. index, end of book)
Old Dominion Iron & Nail Works Co., Richmond, Va.
Oliver Iron & Steel Co., Pittsburg, Pa.
Republic Iron & Steel Co., General Offices, First Natl Bank bldg, Chicago, Ill.
Rhode Island Tool Co., Providence, R. I.
Scranton Bolt & Nut Co., Scranton, Pa., & 25 Broad, N. Y.

Bolts (Coupling)

American Iron & Steel Mfg. Co., Lebanon, & Reading, Pa.
Cincinnati Screw & Tap Co., 2442 Beekman, Cincinnati, O
Cleveland Cap Screw Co., 66 Clarkwood av, Cleveland, O
Haskell, Wm. H. Mfg. Co. (nut, tapped, etc.), Pawtucket, R. I.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lake Erie Iron Co., Wade bldg., Cleveland, O.
McCloud, Crane & Minter Co., Worcester, Mass.
Niagara Screw Co., Buffalo, N. Y.
Oliver Iron & Steel Co., Pittsburg, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pittsburg Screw & Bolt Co., 25th & Liberty av, Pittsburg, Pa.
Reynolds & Co. (Milled),321 East, New Haven Conn.
Rhode Island Tool Co. (Milled Hexagon Heads & Nuts), Providence, R. I.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester N. Y.
Scranton Bolt & Nut Co., Scranton, Pa., & 25 Broad, N. Y.
St. Louis Screw Co., St. Louis, Mo.
Standard Screw Co., 2 N Canal, Chicago, Ill.;
Upson Nut Co., Unionville, Conn., & Cleveland, O
Walker & Ehrman Mfg. Co., 127 W Wash'n, Chcago, Ill.
Western Automatic Machine Screw Co., Elyria, O.
Winsted-Norway Bolt Co., West Winsted, Conn.

Bolts (Cross Arm)

American Iron & Steel Mfg. Co. (Galvanized), Lebanon & Reading, Pa.
Michigan Bolt & Nut Works, ft Meldrum av, Detroit, Mich., & 135 Adams, Chicago, Ill.
Hoopes & Townsend Co., 1330 Buttonwood, Phila., Pa.
Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Lanz, M. & Sons, 101 S 29th, Pittsburg, Pa.
Oliver Iron & Steel Co., Pittsburg, Pa.

Bolts (Crown-Bar)

American Iron & Steel Mfg. Co., Lebanon & Reading, Pa.
Hoopes & Townsend Co., 1330 Buttonwood, Phila., Pa.

Bolts (Door & Window)

Arcade Mfg. Co., Freeport, Ill.
Corbin Cabinet Lock Co. (Double Door, etc.), New Britain, Conn.
Griffin Mfg. Co., Erie, Pa.
Ives, Hobart B. Co., New Haven, Conn.
Logan & Strobridge Iron Co. (Cast), New Brighton, Pa.
Ney Mfg. Co., Canton, O.
Norwalk Lock Co., So. Norwalk, Conn.
Peck, Stow & Wilcox Co., Southington, Conn.; 31 Warren, N. Y., & Cleveland, O.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.; 43 Chambers, N. Y.; 204 Dearborn, Chicago.
Sargeant & Co., New Haven, Conn., & 151 Leonard, N. Y.
Sargeant & Greenleaf Co. ("The Gem"), 173 Court, Rochester, N. Y.
STANLEY WORKS (Wrought Steel), New Britain, Conn., & 79 Chambers, N. Y. (See adv. index, end of book.)
Taylor & Boggis Foundry Co., 521 Seneca, Cleveland, O.

Bolts (Double Expansion, Hitching Rings)

Church, Isaac, 1521 Walnut, Toledo, O.
STEWARD & ROMAINE MFG. CO., (Hitching Ring), 124 N 6th, Phila., Pa. (See adv. index, end of book.)

Bolts (Drift)

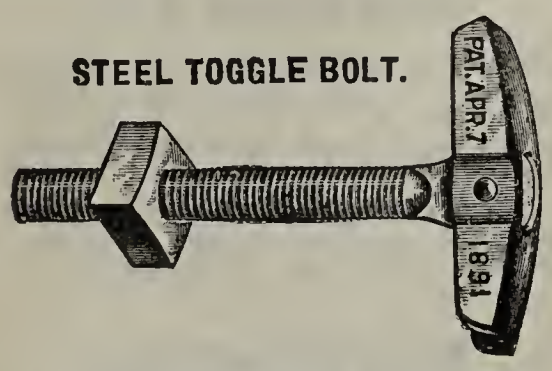
American Iron & Steel Mfg. Co., Lebanon, & Reading, Pa.
ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Hoopes & Townsend Co., 1330 Buttonwood, Phila., Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lanz, Matthew & Sons, 101 S 29th, Pittsburg, Pa.
Michigan Bolt & Nut Works, ft Meldrum av, Detroit, Mich., & 135 Adams, Chicago
Moran Bolt & Nut Mfg. Co., St. Louis

NATIONAL SUPPLY CO., 7 W. Lombard, Baltimore, Md. (See adv. index, end of book)
New Castle Forge and Bolt Co., New Castle, Pa.
Old Dominion Iron & Nail Works Co., Richmond, Va.
Oliver Iron & Steel Co., Pittsburg, Pa.
Republic Iron & Steel Co., General Offices, First Natl Bank bldg, Chicago; District Sales Offices, Ellicott sq, Buffalo; Citizens' Bank bldg, Cleveland; Birmingham, Ala.; 66 Bway, N. Y.; Mermod-Jaccard bldg, St. Louis; Endicott Arcade, St. Paul; Frick bldg, Pittsburg, Pa., & Traction bldg, Cincinnati, O.
Scranton Bolt & Nut Co., Scranton, Pa., & 25 Broad, N. Y.
Severence, S. Mfg. Co., Pittsburg, Pa.

Bolts (Elevator)

(See Bolts, Belt & Elevator.)

STEEL TOGGLE BOLT.



The Steward & Romaine Mfg. Co.

Manufacturers of Double and Single

Expansion and Toggle Bolts,

For Fastening all kinds of Materials to Stone and Brick Work.

124 NORTH SIXTH STREET,
PHILADELPHIA, PA.



Bolts (Expansion)

Boones, Wm., Port Richmond, N. Y. City
Brohard Co., 1624 N 9th, Phila., Pa.
CHURCH, ISAAC, Toledo, Ohio
EVANS, F. H. CO., 596 Kent av, Brooklyn, N. Y. (See adv. below)
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
McCABE HANGER MFG. CO., 425 W. 25th, New York. (See adv. index, end of book.)
NEW JERSEY FOUNDRY & MACHINE CO., 15 Murray, N. Y. (See adv. next page)
PHILADELPHIA EXPANSION BOLT WORKS, 124 N 6th, Phila., Pa.
Seaman, A. C., 38 Hutchinson, Phila., Pa.
Star Expansion Bolt Co., 147 Cedar, New York
STEWARD & ROMAINE MFG. CO., 124 N 6th, Phila., Pa. (See adv. on this page)

Bolts (Expansion Eye)

(See Bolts, Expansion.)

Bolts (Expansion, Single & Double)

Church, Isaac, Toledo, O.
EVANS, F. H. CO., 596 Kent av, Brooklyn, N. Y. (See adv. below)
STEWARD & ROMAINE MFG. CO., 124 N 6th, Phila., Pa. (See adv. on this page)

Bolts (Expansion Switch Board)

Church, Isaac, Toledo, O.
EVANS, F. H. CO., 596 Kent av, Brooklyn, N. Y. (See adv. below)
McCABE HANGER MFG. CO., 425 W. 25th, New York. (See adv. index, page 1200)
STEWARD & ROMAINE MFG. CO., 124 N 6th, Phila., Pa. (See adv. on this page)

Bolts (Eye)

(See Bolts, Hooks & Eye.)

Bolts (Fire Door)

Peters, Jas. & Son, 1934 N Front, Phila., Pa.
Mich. (See adv. index, end of book.)

Bolts (Foundation)

American Iron & Steel Mfg. Co., Lebanon, & Reading, Pa.
ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Church, Isaac (Expansion), Toledo, O.
Continental Bolt & Iron Works, 22d & Union, Chicago
Eclipse Mfg. Co., Pittsburg, Pa.
Fort Pitt Forge Co., 26th & Liberty, Pittsburg, Pa.
Graham Nut Co., 755 Rebecca, Allegheny, Pa.
Hoopes & Townsend Co., 1330 Buttonwood, Phila., Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lanz, Matthew & Sons, 101 S 29th, Pittsburg, Pa.
Metropolitan Bolt Co., 148 Purchase, Boston, Mass.
Michigan Bolt & Nut Works, ft Meldrum av, Detroit, Mich., & 135 Adams, Chicago
Moran Bolt & Nut Mfg. Co., Florida, c Main, St. Louis, Mo.
NATIONAL SUPPLY CO., 7 W. Lombard, Baltimore, Md. (See adv. index, end of book)
New Castle Forge & Bolt Co., New Castle, Pa.
Old Dominion Iron & Nail Works Co., Richmond, Va.
Oliver Iron & Steel Co., Pittsburg, Pa.
Penn Iron Co., Ltd., Lancaster, Pa.
Pittsburg Screw & Bolt Co., Pittsburg, Pa.
Republic Iron & Steel Co., General Offices, First Natl Bank bldg, Chicago, Ill.
Rhode Island Tool Co., Providence, R. I.
Scranton Bolt & Nut Co., Scranton, Pa.

Bolts (Hanger)

American Iron & Steel Mfg. Co., Lebanon, & Reading, Pa.
Central City Bolt Co., Syracuse, N. Y.
Clark Bros. Bolt Co., Milldale, Conn.
Columbia Screw Co., 106th & Cottage Grove av, Chicago, Ill.
Columbus Bolt Works, Columbus, O.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., 1330 Buttonwood, Philadelphia, Pa.
Lake Erie Iron Co., Wade bldg., Cleveland, O.
Lamson & Sessions Co., 412 Scranton av,
Lanz, M. & Sons, 101 S 29th, Pittsburg, Pa.
Michigan Bolt & Nut Works, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., Florida, c Main, St. Louis, Mo.
National Screw & Tack Co., Cleveland, O.
NATIONAL SUPPLY CO., 7 W. Lombard, Baltimore, Md. (See adv. index, end of book)
New England Bolt & Nut Co., 253 Atlantic av, Boston, Mass.
Old Dominion Iron & Nail Works Co., Richmond, Va.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pittsburg Screw & Bolt Co., Pittsburg, Pa.
Republic Iron & Steel Co. General Offices, First Natl Bank bldg, Chicago, Ill.
Rhode Island Tool Co., Providence, R. I.
Scranton Bolt & Nut Co., Scranton, Pa., & 25 Broad, N. Y.
Smith, Thos. & Co., Worcester, Mass.

Bolts (Harvey Grip)

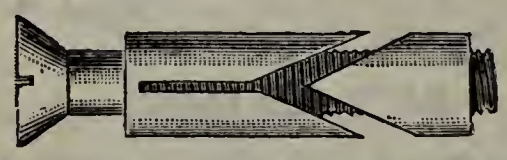
American Iron & Steel Mfg. Co., Lebanon, & Reading, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lake Erie Iron Co., Wade bldg., Cleveland, O.

Bolts (Hook Head)

American Iron & Steel Mfg. Co., Lebanon, & Reading, Pa.
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.

EVANS EXPANSION BOLTS.

THESE BOLTS ARE THE
SIMPLEST, BEST AND CHEAPEST
EVER OFFERED TO THE TRADE







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Are the only ones that draw work down hard and make it fit to Stone, Brick or Concrete. Unequaled for Fire-proof Buildings, Electric Light and Power Plants.

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Mfg. Adv. Bureau N.Y.

Lanz, Matthew & Sons, 101 S 29th, Pittsburg, Pa.
Michigan Bolt & Nut Works, Detroit, Mich.
Mount Carmel Bolt Co., Mount Carmel, Conn
Pittsburg Bolt & Screw Co., Pittsburg, Pa.
Rockford Bolt Works, Rockford, Ill.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Scranton Bolt & Nut Co., Scranton, Pa., & 25 Broad, N. Y.
Standard Screw Co., 2 N Canal, Chicago, Ill.

Bolts (Hook & Eye)

Amerlean Bolt Co., Lowell, Mass.
American Iron & Steel Mfg. Co., Lebanon, & Reading, Pa.
ANDERSON, W. H. & SONS (Special Eye), Detroit, Mich. (See adv. index, end of book..
Billings & Spencer Co. (Galvanized Drop Forged Eye), Hartford, Conn.
Central City Bolt Co., Syracuse, N. Y.
Clark Bros. Bolt Co., Milldale, Conn.
Columbus Bolt Works, Columbus, O.
EVANS, F. H. CO. (Expansion), 596 Kent av, Brooklyn, N. Y. (See adv, preceding page)
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., 1330 Buttonwood, Philadelphia, Pa.
Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Keystone Drop Forge Works (Drop Forged), 15th & Market, Phila., Pa.
Lake Erie Iron Co., Wade bldg., Cleveland, O.
Lamson & Sessions Co., 412 Scranton av, Cleveland, O.
Lanz, Matthew & Sons, 101 S 29th, Pittsburg, Pa.
Michigan Bolt & Nut Works, Detroit, Mich.
Moran Bolt & Nut Mfg., Florida, cor Main, St. Louis
New Castle Forge & Bolt Co., New Castle, Pa.
New England Bolt & Nut Co., 253 Atlantic av, Boston, Mass.
Oliver Iron & Steel Co., Pittsburg, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Republic Iron & Steel Co. General Offices, First Natl Bank bldg, Chicago, Ill.
Rhode Island Tool Co. (Blank or Threaded Steel Eye), Providence, R. I.
Sargent & Co., New Haven, Conn., & 151 Leonard, N. Y.
Scranton Bolt & Nut Co., Scranton, Pa., & 25 Broad, N. Y.
Smith, Thos. & Co. (Screw), Worcester, Mass.
STEWARD & ROMAINE MFG. CO., 124 N 6th, Phila., Pa. (See adv. preceding page)
Transue & Williams Co. (Drop Forged), Alliance, O.
Upson Nut Co., Unionville, Conn., & Cleve-
Wheeling Hinge Co., Wheeling, W. Va. land, O.
Wilcox, Crittenden & Co., Middletown, Conn.
Wilcox, D. Mfg. Co. (Drop Forged Eye), Mechanicsburg, Pa.
Williams, J. H. & Co. (Drop Forge), 9 Richards, Brooklyn, N. Y.

Bolts (Insulated)

Cutter, Geo. Co., 129 Fulton, Chicago, Ill.
Ohio Brass Co., Mansfield, O.

Bolts (Interlocking)

Bush Interlocking Bolt Co., Bullitt bldg., Phila., Pa.

Bolts (Key)

American Iron & Steel Mfg. Co., Lebanon, & Reading, Pa
Continental Bolt & Iron Works, 22d & Union, Chicago
Hoopes & Townsend Co., 1330 Buttonwood, Phila., Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kropp, A. & Co., 52 Law av, Chicago, Ill.
Lamson & Sessions Co., 412 Scranton av, Cleveland, O.
Lanz, Matthew & Sons, 101 S 29th, Pittsburg, Pa.
Michigan Nut & Bolt Works, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., Florida & Main St. Louis, Mo.
NATIONAL SUPPLY CO., 7 W. Lom- bard, Baltimore, Md. (See adv. index, end of book)
Old Dominion Iron & Nail Works Co., Richmond, Va.
Oliver Iron & Steel Co., Pittsburg, Pa.
Rhode Island Tool Co., Providence, R. I.
Scranton Bolt & Nut Co., Scranton, Pa., & 25 Broad, N. Y.

Bolts (Loom)

Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
Lanz, Matthew & Sons, 101 S 29th, Pittsburg, Pa.
Rhode Island Tool Co., Providence, R. I.
Upson Nut Co., Unionville. Conn., & Cleveland, O.

Bolts (Machine)

American Bolt Co., Lowell, Mass.
American Iron & Steel Mfg. Co., Lebanon, Pa.
Atlas Bolt & Nut Co., 218 High, Boston, Mass.
Atlas Bolt & Screw Co., Cleveland, O.
Boston Bolt Co., 284 Franklin, Boston, Mass.
Central City Bolt Co., Syracuse, N. Y.
Cincinnati Screw & Tap Co., 2442 Beekman, Cincinnati, O.
Clark Bros. Bolt Co., Milldale, Conn., & 69 Dearborn, Chicago, Ill.
Colorado Fuel & Iron Co., Denver, Col., & 7. B'way, N. Y
Columbus Bolt Works, Columbus, O.
Continental Bolt & Iron Works, 22d & Union, Chicago, Ill.
Corbin Screw Corporation, New Britain, Conn.
Diamond State Steel Co., Wilmington, Del.
Dietrich Bros., 344 North, Baltimore, Md.
Gaskell, Wm. & Son, 433 E. 25th, N. Y.
Greenlie, Wyatt & Co., 499 Water, New York
Halls, Samuel Sons, 229 W 10th, N. Y.
Haskell, W. H. Mfg. Co., Pawtueket, R. I.
Hoopes & Townsend Co., 1330 Buttonwood, Phila., Pa.
Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kirk-Latty Mfg. Co., Cleveland, O.
Lake Erie Iron Co., Wade bldg., Cleveland, O.
Lamson & Sessions Co., 412 Scranton av, Cleveland, O.
Lanz, Matthew & Sons, 101 S 29th, Pittsburg, Pa.
McCloud, Crane & Minter, Worcester, Mass.
Neely Nut & Bolt Co., S 22d & P. & L. R. R., Pittsburg, Pa.
Michigan Bolt & Nut Works, Detroit, Mich.
Milton Mfg. Co., Milton, Pa.
Moran Nut & Bolt Mfg. Co., Florida, c Main, St. Louis, Mo.
National Elastic Nut Co., Milwaukee, Wis.
National Screw & Tack Co., Cleveland, O.
NATIONAL SUPPLY CO., 7 W. Lom- bard, Baltimore, Md. (See adv. index, end of book)
Neely Nut &Bolt Co., S 22d & P. & L. R. R., Pittsburg, Pa.
New Britain Hardware Mfg. Co., New Britain, Conn.
New Castle Forge & Bolt Co., New Castle, Pa.
New England Bolt & Nut Co., 253 Atlantic av Boston, Mass.
Old Dominion Iron & Nail Works Co., Richmond, Va.
Oliver Iron & Steel Co., Pittsburg, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Penn Iron Co., Ltd., Lancaster, Pa.
Phosphor Bronze Smelting Co. (Ltd.), 2200 Wash'n av, Phila., Pa.
Pittsburg Mfg. Co., 28th & A. V. Ry, Pittsburg, Pa.
Pittsburg Screw & Bolt Co., Pittsburg, Pa.
Republic Iron & Steel Co. General offices: First Natl Bank bldg, Chicago, Ill.
Reynolds & Co., 321 East, New Haven, Conn.
Rockford Bolt Works, Rockford, Ill.
Rhode Island Tool Co., Providence, R. I.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Seranton Bolt & Nut Co., Scranton, Pa., & 25 Broad, N. Y.
Smith, Thomas & Co., Worcester, Mass.
Standard Bolt & Mfg. Co., Fort Worth, Tex.
Union Nut & Bolt Co., Unionville, Conn.
Upson Nut Co., Unionville, Conn., & Cleveland, O.
VARIETY MFG. CO., 77 W. Lake, Chicago, Ill. (See adv. index, end of book.)
Youngstown Bolt Co., Youngstown, O.

Bolts (Neck)

National Screw & Tack Co. ("O. H. Fin"), Cleveland, O.
STANLEY WORKS (wrought steel), New Britain, Conn., & 79 Chambers, New York. (See adv. index, end of book.)

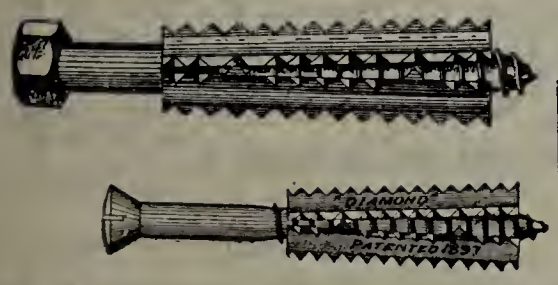
Bolts (North Patented)

Cleveland Bolt & Mfg. Co., Cleveland, O.

Bolts (Planer Head)

Cincinnati Screw & Tap Co., 2442 Beekman, Cincinnati, O.
Corbin Screw Corporation, New Britain, Conn.; 15 Murray, N. Y.; 104 Lake, Chicago, & 925 Market, Phila., Pa.

New Jersey Foundry & Machine Co.
15 MURRAY ST., NEW YORK.
PATENTED.



DIAMOND EXPANSION BOLTS.

Used with Regular Wood Screws or Coach Screws.
For Fastening Material to brick, stone or concrete.
Simplest on the Market. Only two parts.

When writing to firms whose names appear in this book please mention HENDRICKS' DIRECTORY.

Hope, Wm. H. & Co. (also Screws), Lowell, Mass.
New Britain Hardware Mfg. Co., New Britain, Conn.
Niagara Screw Co., Buffalo, N. Y.
Pittsburg Screw & Bolt Co., Pittsburg, Pa.
Rhode Island Tool Co., Providence, R. I.
Smith, Thos. & Co., Worcester, Mass.
Standard Screw Co., 2 N Canal, Chicago, Ill.,
Walker & Ehrman Mfg. Co., 127 W Wash'n, Chicago, Ill.
Western Automatic Machine Screw Co., Elyria O.

Bolts (Plow)

American Iron & Steel Mfg. Co., Lebanon, & Reading, Pa
Clark Bros. Bolt Co., Milldale, Conn., & 69 Dearborn, Chicago, Ill.
Columbus Bolt Works, Columbus, O.
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., 1330 Buttonwood, Phila., Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lake Erie Iron Co., Wade bldg., Cleveland, O.
Lamson & Sessions Co., 412 Scranton av, Cleveland, O.
Michigan Bolt & Nut Works, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., Florida, c Main, St. Louis, Mo.
NATIONAL SUPPLY CO., 7 W. Lombard, Baltimore, Md. (See adv. index, end of book.)
Pawtucket Mfg. Co., Pawtucket, R. I.
Republic Iron & Steel Co. General Offices: First Natl Bank bldg, Chicago, Ill.
Rockford Bolt Works, Rockford, Ill.
Smith, Thos. & Co., Worcester, Mass.
Upson Nut Co., Unionville, Conn., & Cleveland, O.

Bolts (Shackle)

Columbus Bolt Works, Columbus, O.
Lamson & Sessions Co., Cleveland, O.
Moore, Franklin Co., Winsted, Conn.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.

Bolts (Shaft)

Corbin Screw Corporation (Reverse Helicoid), New Britain, Conn.; 15 Murray, New York; 204 Lake, Chicago, Ill., & 925 Market, Phila., Pa.

Bolts (Shutter)

Peck, Stow & Wilcox Co., Southington, Conn.; 31 Warren, N. Y., & Cleveland, O.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.; New York, Phila. & Chicago
Russell & Erwin Mfg. Co., New Britain, Conn.; 43 Chambers, N. Y.; Chicago & Phila, Pa.
Sargent & Co., New Haven, Conn., & 151 Leonard, N. Y.
STANLEY WORKS (Wrought Steel), New Britain, Conn., & 79 Chambers, N. Y. (See adv. index, end of book.)
Wrightsville Hardware Co., Wrightsville, Pa.

Bolts (Sink)

American Screw Co., Providence, R. I., & 19 Lake, Chicago, Ill.
Atlas Bolt & Screw Co., Cleveland, O.
Boston Belt Co., 284 Franklin, Boston, Mass.
Columbia Screw Co., Pullman, Chicago, Ill.
Columbus Bolt Works, Columbus, O.
Corbin Screw Corporation, New Britain, Conn.; 15 Murray, New York; 204 Lake, Chicago, Ill., & 925 Market, Phila., Pa.
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I
Kirk-Latty Mfg. Co., Macolm, at Nickel Plate R. R., Cleveland, O.
Lamson & Sessions Co., 412 Scranton av, Cleveland, O.
Mount Carmel Bolt Co. (also Brass), Mt. Carmel, Conn.
National Screw & Tack Co., Cleveland, O.
NATIONAL SUPPLY CO., 7 W. Lombard, Baltimore, Md. (See adv. index, end of book.)
New England Bolt & Nut Co., 253 Atlantic av, Boston, Mass.
Reynolds & Co., 321 East, New Haven, Conn.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Shelton Co. (Iron & Brass), Shelton, Conn.
Upson Nut Co., Unionville, Conn., & Cleveland, O.

Bolts (Sleigh Shoe)

Atlas Bolt & Screw Co., Marquette, opp Hamilton, Cleveland, O.
Corbin Screw Corporation (Plain & Reverse Helicoid), New Britain, Conn.; 15 Murray, N. Y.; 104 Lake, Chicago, and 925 Market, Phila., Pa.
Lake Erie Iron Co., Wade bldg., Cleveland, O.
Lamson & Sessions Co., 412 Scranton av, Cleveland, O.
Michigan Bolt & Nut Works, Detroit, Mich.
Moore, Franklin Co., Winsted, Conn.
Mount Carmel Bolt Co., Mount Carmel, Conn.
Republic Iron & Steel Co., General Offices. First Natl Bank bldg, Chicago.
Russell, Burdsall & Ward Bolt & Nut Co., Portchester, N. Y.
Russell & Erwin Mfg. Co. (Helicoid), New Britain, Conn.; 43 Chambers, N. Y.; Chicago & Phila., Pa.
Southington Cutlery Co., Southington, Conn.

Bolts (Stove)

American Screw Co., Providence, R. I., & 19 Lake, Chicago, Ill.
Atlas Bolt & Screw Co., Marquette, opp Hamilton, Cleveland, O.
Berry Bros., Columbus, O.
Boston Bolt Co., 284 Franklin, Boston, Mass.
Central City Bolt Co., Syracuse, N. Y.
Clark Bros. & Co., Milldale, Conn., & 69 Dearborn, Chicago
Cobb & Drew, Plymouth, Mass., & Rock Falls, Ill.
Columbia Screw Co., 106th & Cottage Grove av, Chicago, Ill.
Columbus Bolt Works, Columbus, O.
Corbin Screw Corporation, New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, & 925 Market, Phila., Pa.
Kirk-Latty Mfg. Co., Cleveland, O.
Lake Erie Iron Co., Wade bldg., Cleveland, O.
Lamson & Sessions Co., 412 Scranton av, Cleveland, O.
Michigan Bolt & Nut Works, Detroit, Mich.
Monarch Bolt & Screw Co., Cleveland, O.
Moran Bolt & Nut Mfg. Co., Florida, c Main. St. Louis, Mo.
Mount Carmel Bolt Co. (also brass), Mt. Carmel. Conn.
National Screw & Tack Co., Cleveland, O.
NATIONAL SUPPLY CO., 7 W. Lombard, Baltimore, Md. (See adv. index, end of book.)
New Castle Forge & Bolt Co., New Castle, Pa.
Peck, Stow & Wilcox Co., Southington, Conn.; 31 Warren, New York, & Cleveland. O.
Reading Screw Co. (also Nickel Plated), Norristown, Pa.
Reed & Prince Mfg. Co., Worcester, Mass.
Republic Iron & Steel Co. General Offices. First Natl Bank bldg, Chicago, Ill.
Reynolds & Co., 321 East, New Haven, Conn.
Rockford Bolt Works. Rockford. Me.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
St. Louis Screw Co., St. Louis, Mo.
Shelton Company, Derby, Conn.
Southington Cutlery Co., Southington, Conn.
Troy Nickel Works (Jno. E. Gaitley, Pro.) Albany, N. Y.
Upson Nut Co., Unionville, Conn., and Cleveland, O.
Wheeling Hinge Co., Wheeling, W. Va.

Bolts (Strap)

American Iron & Steel Mfg. Co., Lebanon, & Reading, Pa
Scranton Bolt & Nut Co., Scranton, Pa., & 25 Broad, N. Y.
Simmons & Sons, Spokane, Wash.

Bolts (Stud)

Aetna Nut Co., Southington, Conn.
American Bolt Co., Lowell, Mass.
American Iron & Steel Mfg. Co., Lebanon, & Reading, Pa.
Cincinnati Screw & Tap Co., 2442 Beekman, Cincinnati, O.
Cleveland Cap Screw Co., 66 Clarkwood av, Cleveland, O.
Colnmbus Bolt Works, Columbus, O.
Diamond State Steel Co., Wilmington, Del.
Greenlie, Wyatt & Co., 499 Water, N. Y.
Hartford Machine Screw Co., Hartford, Conn.
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., 1330 Buttonwood, Philadelphia, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lake Erie Iron Co., Wade bldg, Cleveland, O.
Lamson & Sessions Co., 412 Scranton av, Cleveland, O.
Lanz, M. & Sons, 101 S 29th, Pittsburg, Pa.
McCloud, Crane & Minter Co., Worcester, Mass.
Michigan Bolt & Nut Works, Detroit, Mich.
Milton Mfg. Co., Milton, Pa.
Moran Bolt & Nut Mfg. Co., Florida, c Main, St. Louis, Mo.
NATIONAL SUPPLY CO., 7 W. Lombard, Baltimore, Md. (See adv. index, end of book.)
New Britain Hardware Mfg. Co., New Britain, Conn,
New England Bolt & Nut Co., 253 Atlantic av, Boston, Mass.
Oliver Iron & Steel Co., Pittsburg, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Phila. Machine Screw Works, Phila., Pa.
Pittsburg Screw & Bolt Co., Pittsburg, Pa.
Republic Iron & Steel Co. General Offices, First Nat'l Bank bldg., Chicago, Ill.
Reynolds & Co., 321 East, New Haven, Conn.
Rhode Island Tool Co., Providence, R. I.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Scranton Bolt & Nut Co., Scranton, Pa., & 25 Broad, N. Y.
Smith, Thos. & Co., Worcester, Mass.
Standard Screw Co., 2 N. Canal, Chicago, Ill.; St. Louis Screw Co., St. Louis, Mo.
Upson Nut Co., Unionville, Conn., and Cleveland, O.
Western Antomatic Machine Screw Co., Elyria, O.

Bolts (Tap)

American Iron & Steel Mfg. Co., Lebanon, & Reading, Pa.
Atlas Bolt & Nut Co., 218 High, Boston, Mass.
Central City Bolt Co., Syracuse, N. Y.
Clark Bros. Bolt Co., Milldale, Conn.
Columbus Bolt Works, Columbus, O.
Diamond State Steel Co., Wilmington, Del.
Greenlie, Wyatt & Co., 499 Water, N. Y.
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., 1330 Buttonwood, Philadelphia, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lake Erie Iron Co., Wade bldg, Cleveland. O.
Lamson & Sessions Co., 412 Scranton, av, Cleveland. O.
Michigan Bolt & Nut Works, Detroit, Mich.
Milton Mfg. Co., Milton, Pa.
NATIONAL SUPPLY CO., 7 W. Lombard, Baltimore, Md. (See adv. index, end of book.)
New England Bolt & Nut Co., 253 Atlantic av, Boston, Mass.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pittsburg Screw & Bolt Co., Pittsbnrg, Pa.
Republic Iron & Steel Co., General Offices: First Nat'l Bank bldg., Chicago, Ill.
Reynolds & Co., 321 East, New Haven, Conn.
Rhode Island Tool Co., Providence, R. I.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
St. Louis Screw Co., St. Louis, Mo.
Scranton Bolt & Nut Co., Scranton, Pa., & 25 Broad, N. Y.
Smith, Thos. & Co., Worcester. Mass.

Bolts (Thumb)

Eberhard Mfg. Co., Tennyson & C. & P. R. R., Cleveland, O.
National Screw & Tack Co., Cleveland, O.
NATIONAL SUPPLY CO., 7 W. Lombard, Baltimore, Md. (See adv. index, end of book.)
St. Louis Screw Co., St. Louis, Mo.

Bolts (Tire)

American Screw Co. (Fluted), Providence, R. I. & 19 Lake, Chicago, Ill.
Atlas Bolt & Nut Co., 218 High, Boston, Mass.
Atlas Bolt & Screw Co., Marquette, opp. Hamilton, Cleveland, O.
Berry Bros., Columbus, O.
Central City Bolt Co., Syracuse, N. Y.
Clark Bros. Bolt Co., Milldale, Conn.

Cobb & Drew, Plymouth, Mass., & Rock Falls, Ill.
Columbus Bolt Works, Columbus, O.
Corbin Screw Corporation, New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, & 925 Market, Phila., Pa.
Frost, L. D. (estate of), Marion, Conn.
Hoopes & Townsend Co., 1330 Buttonwood, Philadelphia, Pa.
Kirk-Latty Mfg. Co., Cleveland, O.
Lake Erie Iron Co., Wade bldg, Cleveland, O.
Lamson & Sessions Co., 412 Scranton av, Cleveland, O.
Michigan Bolt & Nut Works, Detroit, Mich.
Moore, Franklin Co., Winsted, Conn.
Mount Carmel Bolt Co., Mount Carmel, Conn.
National Screw & Tack Co., Cleveland, O.
NATIONAL SUPPLY CO., 7 W. Lombard, Baltimore, Md. (See adv. index, end of book.)
New England Bolt & Nut Co., 253 Atlantic av, Boston, Mass.
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 31 Warren, N. Y.
Reading Screw Co., Norristown, Pa.
Republic Iron & Steel Co., General offices: First Nat'l Bank bldg., Chicago, Ill.
Richards, T. C. Hdw. Co., Winsted, Conn.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Russell & Erwin Mfg. Co., New Britain, Conn., & 43 Chambers, New York; Chicago & Philadelphia
Rockford Bolt Works, Rockford, Ill.
Shelton Co., Derby, Conn.
Skelly, Thos. P. & Co., 24th below Collowhill, Phila., Pa.
Southington Cutlery Co., Southington, Conn.
Upson Nut Co., Unionville, Conn., & Cleveland, Ohio

Bolts (Toggle)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Church, Isaac, Toledo, Ohio
Cutter, Geo., Co., 129 Fulton, Chicago, Ill.
EVANS, F. H. CO., 596 Kent av, Brooklyn, N. Y. (See adv. index, end of book)
Lever, C. H. Mfg. Co., 19 N Jeff'n, Chicago, Ill.
STEWARD & ROMAINE MFG CO. 124 N 6th, Phila., Pa. (See adv. index, end of book)
Wrigley, Thos., & Co., 302 Dearborn, Chicago

Bolts (Track)

American Bolt Co., Lowell, Mass.
American Iron & Steel Mfg. Co., Lebanon, & Reading, Pa.
Ames, W. & Co., Jersey City, N. J.
Boston Bolt Co., 284 Franklin, Boston, Mass.
Colorado Fuel & Iron Co., Denver, Col., & 71 B'way, N. Y.
Continental Bolt & Iron Works, 22d & Union, Chicago, Ill.
Diamond State Steel Co., Wilmington, Del.
Hoopes & Townsend Co., 1330 Buttonwood, Phila, Pa.
Hubbard & Co., 62d & Butler, Pittsburg, Pa. & 71 Broadway, N. Y.
Illinois Steel Co., "The Rookery," Chicago, Ill.
Judson Mfg. Co., San Francisco, Cal.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lake Erie Iron Co., Wade bldg., Cleveland, O.
Lamson & Sessions Co., 412 Scranton, av, Cleveland, O.
Lanz, Matthew & Sons, 101 S 29th, Pittsburg, Pa.
Michigan Bolt & Nut Works, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., Florida, c Main, St. Louis, Mo.
National Elastic Nut Co., Russell av & Superior, Milwaukee, Wis.
New Castle Forge & Bolt Co., New Castle, Pa.
New England Bolt & Nut Co., 253 Atlantic av, Boston, Mass.
Oliver Iron & Steel Co. (Threads rolled or cut in oil), Pittsburg, Pa.
Penn Iron Co., Ltd., Lancaster, Pa.
Pittsburg Forge & Iron Co., 10th & Penn av, Pittsburg, Pa.
Pottsville Bolt Co., Pottsville, Pa.
First Nat'l Bank
Republic Iron & Steel Co. General offices: First Nat'l Bank bldg., Chicago, Ill.
Scranton Bolt & Nut Co., Scranton, Pa., & 25 Broad, N. Y.
Standard Bolt & Mfg. Co., Fort Worth, Tex.
Tredegar Co., Richmond, Va.
Upson Nut Co., Unionville, Conn., & Cleveland, O.

Bolts (Trolley Span, Wire Work)

American Iron & Steel Mfg. Co., Lebanon, Pa.

Bolts (Wall Plate)

Lanz, M., & Sons, Pittsburg, Pa.

Bolts (Whiffletree)

Atwater Mfg. Co., Plantsville, Conn.
Columbus Bolt Works, Columbus, O.
Lamson & Sessions Co., Cleveland, O.
Moore, Franklin & Co., Winsted, Conn.
NATIONAL SUPPLY CO., 7 W. Lombard, Baltimore, Md. (See adv. index, end of book.)
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
Scranton Bolt & Nut Co., Scranton, Pa., & 25 Broad, N. Y.
Upson Nut Co., Unionville, Conn., & Cleveland, Ohio

Bolts (Window)

(See Bolts, Door & Window)

Bonds (Rail)

(See Rail Bonds)

Bone Black.

(See also Rawbone, Granulated)
Pettit Chemical Co., 241 Front, N. Y.
Seaver & Co., 120 Milk, Boston, Mass.
Taylor, Geo. F., 136 Water, N. Y.

Book Lifts (Electric)

ELEKTRON MFG. CO., Springfield, Mass.; 179 Lincoln, Boston, Mass.; 408 Orchard, Rochester, N. Y.; 156 5th av., New York, & Washington Loan & Trust Co. bldg, Washington, D. C. (See adv. index, end of book)

Book Stacks (Fire-Proof)

(See Library Shelving & Fittings, Metallic)

Boots (Elevator)

BARTLETT, C. O. & SNOW CO., French St., Cleveland, O. (See adv. index, end of book)
Buhl Malleable Co., Wight & Adair, Detroit, Mich.
Caldwell, H. W. & Son Co., 17th & Western av, Chicago
Chain Belt Co., 766 Park, Milwaukee, Wis.
Dodge Mfg. Co., Mishawaka, Ind.
Downie-Wright Mfg. Co., York, Pa.
Grotenrath, Fred, 111 W Water, Milwaukee, Wis.
JEFFREY MFG. CO., Columbus, O.; 41 Dey, N. Y., & Equitable bldg, Denver, Col. (See adv. index, end of book)
Link Belt Engineering Co., Nicetown, Phila., Pa.; 47 Dey, New York, & Park bldg., Pittsburg, Pa.
Marseilles Mfg. Co., Marseilles, Ill.
MINNEAPOLIS STEEL & MACHINery Co. (Wood, Steel & Cast Iron), Minneapolis, Minn. (See adv. index, end of book)
Nordyke & Marmon Co., 1101 W Norris, Indianapolis, Ind.
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
Skillin & Richards Mfg. Co., 147 Fulton, Chicago
WELLER MFG. CO., 118 North av, Chicago. (See adv. index, end of book)
Williamsport Clutch & Pulley Co., Williamsport, Pa.

Boots (Sewer Connection)

BERGER MFG. CO., Main Office & Works, Canton, O.; Branches: 23 Lake, Chicago, Ill.; 210 E 23d, N. Y.; 1215 Filbert, Phila., Pa.; 176 Federal, Boston, Mass., & 623 N. Main, St. Louis, Mo. (See adv. index, end of book)

Borax Powder for Annealing, Etc.

McIlvaine Bros., 1500 Hamilton, Phila, Pa.

Borers (Bung Hole)

ELMES, CHAS. F. ENGINEERING Works, Fulton & N Sangamon, Chicago, Ill. (See adv. index, end of book)
Enterprise Mfg. Co., 3d & Dauphin, Phila, Pa.
United States Bung Mfg. Co., 48 S 2d, Brooklyn, N. Y.

Borers (Tap)

Bernz, Otto, S 13th C S Orange av, Newark, N. J.
Hamden Mfg. Co., Hamden, Conn.
Stortz, Jno. & Son, 210 Vine, Phila., Pa.

Boring Machines

(See Machines, Boring of Various Kinds)

Boshes (Mechanical)

Heyl & Patterson, 51 Water, Pittsburg, Pa.

Bottle Rack (Hollow Tile)

MAURER, HENRY & SON, 420 E. 23d, New York; Penna bldg., Phila., Pa. Works, Maurer, N. J. (See adv. inside Front Cover)

Bottles (Acid)

Wagner Glass Works ("Wagner's Comb") 965 E 132d, New York

Bottles (Skim Milk Test)

Wagner Glass Works ("Chesson" Double Neck & "Wagner's" D. B. L. Bore & Perfection), 965 E 132d, New York

Bower Barffed Work

American Iron & Wire Works, 98 W Lake, Chicago, Ill.
CHICAGO ORNAMENTAL IRON CO., 37th & Stewart av, Chicago, Ill. (See adv. index, end of book)
HECLA IRON WORKS, 118 N 11th, Brooklyn, N. Y. (See adv. index, end of book)
Schreiber, L. & Sons Co., 8th & Eggleston av, Cincinnati, O.
SMITH, F. P., WIRE & IRON WORKS, 100 Lake, Chicago, Ill. (See adv. index, end of book)
WINSLOW BROS. CO., Main Office & Works, 368 Carroll av, Chicago, Ill; 160 5th av, N. Y.; 326 4th av, Pittsburg, Pa.; Colonial Trust bldg, St. Louis, Mo.; 730 Union, New Orleans, La.; Hayward bldg, San Francisco, Cal. ,& Andrus bldg, Minneapolis, Minn. (See adv. index, end of book)

Bowles for Centrifugal Machines

Edge Moor Iron Co., Wilmington, Del.

Bowling Alley Builders

Bruns, Justus, Union Hill, N. J.
Chicago, Ill., & 229 4th av, New York
Columbus Bar Fixture Co., 36 E Spring, Columbus, O.
Dillingham, Wm. G., 42 South, New York.
Doerr, Chas., 116 Hamburg pl, Newark, N. J.
Harrison, A. H. & Son, Seattle, Wash.
Klumpp Bros., 206 E 128th, New York.
Montgomery, H., 71 Clinton, Newark, N. J.
Narragansett Machine Co., Providence, R. I.
Stevens, B. A., S Erie & Lucas, Toledo, O.
Zeliff, J. E., Kearney, N. J.

*Bowling Alleys (Metal & Steel)

Brunswick-Balke-Collendar Co. 229 4th av, New York, & 263 Wabash av, Chicago, Ill.

Box Anchor & Timber Caps

(See also Hangers, Joist.)

CHAMPION IRON CO., Kenton, O. (See adv. index, end of book)
Goetz Box Anchor Co., New Albany, Ind.
RIESECK, P. (Wrought Iron), Alle-gheny, Pa. (See adv. index, end of book)
Van Dorn Iron Works Co., Cleveland, O.

Box Board Mfrs.

Brownsville Paper Co., Brownsville, N. Y.
Hewitt, C. B., Bro., 48 Beekman, N. Y.
Niagara Surface Coating Co., Niagara Falls, N. Y.
Ramage, Jas., Paper Co., Monroe, Mass.
Ticonderoga Pulp & Paper Co., Ticonderoga, N. Y.
United Box-Board & Paper Co., 11 B'way, N. Y.
Whitmore Mfg. Co., Holyoke, Mass.

Box Messenger

HERRING-HALL-MARVIN SAFE CO., Hamilton, O.; 400 B'way, New York; Phila., Pa.; St. Louis, Mo., & San Francisco, Cal. (See adv. index, end of book)

Box Machinery

(See Machinery Box Makers')

Box Nailing Machines

(See Machines, Box Nailing)

Box Scrapers

(See Scrapers, Box, & Plumbers)

Box Shooks

(See Lumber Mfrs.)

Box Straps

Acme Foxible Clasp Co. (Embossed, Flat Wire & Barbed),17th & Clark, Chicago, Ill.
American Box Strap Co. (Duplex), 501 W B'way, N. Y.
AMERICAN STEEL & WIRE CO. Sale offices, Rookery, Chicago; Battery Park bldg, N. Y.; Worcester, Mass.; Frick bldg, Pittsburg; Western Reserve bldg, Cleveland; Chemical bldg, St. Louis; Pioneer Press bldg, St. Paul, Minn.; Equitable bldg, Denver; 16th & Folsom, San Francisco; 9th & Irving, Portland, Ore.; 160 Central av, Los Angeles, Cal.; 71 King William, London, Eng., & N. Y. Life bldg. Montreal, Canada. (See adv. index, end of book)
Budke Mfg. Co, ("Boss" Steel Box Bands), Pittsburg, Pa.
Buffalo Specialty Mfg. Co. ("Lighting" Bands for Cases & Crates), Buffalo, N. Y.
Cary Mfg. Co. (soft steel), 19 Roosevelt, N. Y.
DE HAVEN MFG. CO. ("Trojan" Steel & Iron), 50 Columbia Heights, Brooklyn, N. Y. (See adv. below)
Standard Metal Strap Co. (Steel & Wire), 336 E 38th, New York
Twisted Wire Box Strap So. (Twisted Wire), 451 Greenwich, N. Y.

Boxes (Annealing)

Anderson Foundry & Machine Works (Wrought Iron), Anderson, Ind.
Bethlehem Foundry & Machine Co., South Bethlehem, Pa.
Meehan Boiler & Construction Co., Lowellville, O.
McNeil, Jas. & Bro. Co., 29th & A. V. Ry., Pittsburg, Pa.
National Mfg. Co., Allegheny, Pa.
National Wrought Iron Annealing Box Co., Anderson, Ind.
Niles Boiler Co., Niles, O.
Riter-Conley Mfg. Co., 56 Water, Pittsburg, Pa., & 39 Cortlandt, N. Y.
SCAIFE, WM. B. & Sons CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)
Warren City Boiler Works, Warren, O.
Wilfong Bros., 52d & P. W. & B. R. R., Phila., Pa.

Boxes (Axle)

Adams, S. Jarvis Co., Etna & 14th, Pittsburg, Pa.

Boxes (Axle Grease)

Estes, E. B. & Sons, 45 John, N. Y.
Michigan Barrel Co., Grand Rapids, Mich.

Boxes (Cash)

Miller Lock Co. (With Keyed Locks & Keyless Locks), 4523 Tacony, Phila., Pa.

Boxes (Charging, Open Hearth)

Morgan Engineering Co., Alliance, O.

Boxes (Core, For Foundry Use)

Brown & Sharpe Mfg. Co. (Cast Iron), Providence, R. I.
SCAIFE, WM. B. & Sons CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)
SMITH, J. D., FOUNDRY SUPPLY Co., 40 S Water, Cleveland, O., & 2143 Central av, Cincinnati, O. (See adv. index, end of book)

Boxes (Coupling, For Feeder Cables)

D. & W. Fuse Co., 47 Pine, Providence, R. I.
General Incandescent Arc Light Co., 529 W 34th, N. Y.

Boxes (Curb)

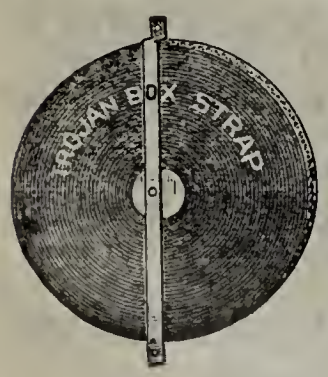
Campbell, J. B., Brass Works, Erie, Pa.
Eastwood Wire Mfg. Co. (& Key), Bellville, N. J.
Rumsey & Co., Ltd. (Inc.), (For Service Pipe), Senaca Falls, N. Y.

Boxes (District Call)

Bunnell, J. H. & Co., 20 Park pl., N. Y.
Central Electric Co., 266 5th ave, Chicago, Ill.
Electric Appliance Co., 92 W Van Buren, Chicago
HERZOG TELESEME CO., 51 W. 24th. New York (See adv. below)

Herzog Teleseme Co.,
51 WEST 24th STREET,
MANUFACTURE EXCLUSIVELY
Electric Signaling Specialties

Pearce, Fred'k, 18 Rose, N. Y.
Signalphone Mfg. Co., Montgomery bldg., Milwaukee, Wis.
Viaduct Mfg. Co., 10 S Howard, Baltimore, Md.
Western Electric Co., 259 S Clinton, Chicago, & 57 Bethune, N. Y.
Ziegler Appliance Co., 200 Summer, Boston



Box Straps. De Haven's Improved Trojan Box Strap put up in coils of 300 ft. packed in cases containing 20 coils each, made in four sizes, ½, ⅝, ¾ and 1 inch wide. **Self-drawing Wire Strap** put up in coils of 5000 ft. each on wooden reels. No. 1, $\frac{3}{16}$ in. wide 20c. per 100 ft.; No. 2, $\frac{7}{32}$ in. wide, 25c. and No. 3, ¼ in. wide, 30c. per 100 ft.

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Fulton Foundry Co., Cleveland, O.
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Ostrander, W. R. & Co., 22 Dey, N. Y.
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Phoenix Hardware Mfg. Co., Homer, N. Y.
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Tatum, Sam'l C. Co., 414 W Water, Cincinnati, Ohio
Taylor & Boggis Foundry Co., 521 Seneca, Cleveland, O.
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Western Electric Co., 259 S Clinton, Chicago, & 57 Bethune, N. Y.
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Langdon Mitre Box Co. ("Langdon Acme"), Millers Falls, Mass.
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Marsh, H. C. (Iron & Steel), Rockford, Ill.
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Tower & Lyon Co. (The "Perfection"), 95 Chambers, N. Y.

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(See Rheostats.)

Boxes (Rural Mail)

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Cresson, George V. Co., Allegheny av, W of 17th, Phila., Pa., & 141 Liberty, N. Y.
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Sellers, Wm. H. & Co., Inc., 1600 Hamilton, Phila., Pa.
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Boxes (Subway)

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Hart & Hegeman Mfg. Co., Hartford, Conn.
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Marshall Sanders Co., 303 Congress, Boston, Mass.
Ostrander & Co., 22 Dey, N. Y.
Renim Specialty Co. ("Renim" from 1 to 8 Gauge), Faneuil Station, Br., Boston, Mass.
Toler, Jno. Sons & Co., 108 Adams, Newark, N. J.

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(See Woodwork, Electrical.)

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Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lyon Metallic Mfg. Co., 18 S Ann, Chicago, Ill.
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Boxes (Valve or Service)

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Modern Iron Works ("Peerless," Adjustable, Bagnall Service or Stop-Cocks), Quincy, Ill.
Mueller, H. Mfg. Co., Decatur, Ill.
Pleuger & Henger Mfg. Co., 11th & Hebert, St. Louis, Mo.
Rensselaer Mfg. Co., Troy, N. Y.
South Park Foundry & Machine Co., St. Paul, Minn.
Vogan Bros. Mfg. Co., New Castle, Pa.

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Filler & Stowell Co., Becher & Ziemer, Milwaukee, Wis.
Lanz, M. & Sons (Steel), 101 S 29th, Pittsburg, Pa.
VARIETY MFG. CO., 77 W. Lake, Chicago, Ill. (See adv. Index, end of book.)

Braces (Cross Arm)

(See also Cross Arms, Brackets, etc. (Steel).

American Iron & Steel Mfg. Co., Lebanon, Pa.
ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book.)
Avery Stamping Co., Cleveland, O.
Buffalo Steel Co. (Stiff Bessemer Steel), Tonawanda, N. Y.
Craighead Sngineering Co., 313 Walnut, Cincinnati, O.
Diamond State Steel Co. (Completer, Black & Galvanized), Wilmington, Del.
FOREST CITY STEEL & IRON CO., Cleveland, O. (See adv. index, end of book)
GENERAL ELECTRIC CO., SCHEnectady, N. Y., & 44 Broad, New York. (See adv. index, end of book.)
Heinemann, Geo. M. & Co., 737 Girard av, Phila., Pa.
Hoopes & Townsend Co., 1330 Buttonwood, Phila., Pa.
Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Independent Arm & Pin Co., Chamber of Commerce bldg, St. Louis, Mo.
Karsas City Bolt & Nut Co., Kansas City, Mo.
Lanz, Matthew & Sons, 101 S 29th, Pittsburg, Pa.
Michigan Bolt & Nut Works, Detroit, Mich.
Mountain State Electrical Co., Wheeling, W. Va.
Ogden, J. Edward Co., 147 Cedar, N. Y
Ohio Brass Co., Mansfield, O.
Ohio Galvanizing & Mfg. Co. ("Galvanized"), Niles, O.
Old Dominion Iron & Nail Works Co., Richmond, Va.
Oliver Iron & Steel Co., Pittsburg, Pa.
NEW JERSEY FOUNDRY & MAchine Co., 13 Murray, N. Y. (See adv. index, end of book.)
Republic Iron and Steel Co. General Offices, First Natl Bank bldg, Chicago, Ill.
Rockford Bolt Works, Rockford, Ill.
Salem Iron Works, Salem, N. C.
Therien Tool Works, Minneapolis, Minn.
Vogan Bros. Mfg. Co., New Castle, Pa.
Wheeling Hinge Co., Wheeling, W. Va.

Braces (Pole Arm)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
American Iron & Steel Mfg. Co., Lebanon, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lanz, Matthew & Sons, 101 S 29th, Pittsburg, Pa
Metropolitan Bolt Co., 148 Purchase, Boston, Mass.
Michigan Bolt & Nut Works, Detroit, Mich.
Old Dominion Iron & Nail Works Co., Richmond, Va.
Oliver Iron & Steel Co., Pittsburg, Pa.
Rockford Bolt Works, Rockford, Ill.
Republic Iron & Steel Co. General offices, First Natl Bank bldg, Chicago

Braces (Sewer)

(See Sewer & French Braces)

Brackets.

American Pin Co. (Brass, Lavatory, Tank, etc.), Waterbury, Conn.
Atlas Mfg. Co. (Shelf), New Haven, Conn.
Barber Mfg. Co. (Plumbers Adjustable Nickeled, etc.), Ashtabula, O.
Barnes Mfg. Co. (Plumbers, etc.), Mansfield, O.
Buckley-Hart Mfg. Co. (Lavatory), 527 Franklin, Detroit, Mich.
Edwardsville Brass Co. (Iron, Steel & Brass), Edwardsville, Ill.
Glenn Mfg. Co. (Plumbers Sink), St. Charles, Ill.
Griffin Mfg. Co. (Shelf, Lavatory, Sink & Flush, Tank, etc.), Erie, Pa.
Haines, Jones & Cadbury Co. (Plumbers), 1136 Ridge av
Ireland & Matthews Mfg. Co. (For Plumbers Tanks), Detroit, Mich.
Ideal Machine Co., Hartford, Conn.
Joues, M. D. & Co., 71 Portland, Boston, Mass.
Kilbourne & Jacobs Mfg. Co. (Steel Sink), Columbus, O.
Kupferle, John C. (Sink, Tank, etc.), St. Louis, Mo.
Lalance & Grosjean Mfg. Co. (Plumbers), 19 Cliff, N. Y.; 81 Michigan av, Chicago, & 83 North Boston, Mass.
Lipp, Louis Co. (Closet Tank), Winton pl, Cincinnati, O., & 120 High, Boston, Mass.
McCambridge & Co. (Plumbers), 527 Cherry, Philadelphia, Pa.
McKinney Mfg. Co. (Shelf), Allegheny, Pa.
McShane, H. Mfg. Co., 441 North, Baltimore, Md., & 81 Fulton, N. Y.
Modern Iron Works (Cast Iron Sink), Quincy, Ill.
Mott, J. L. Iron Works, 88 Beckman, N. Y.; Phila., Pa.; Boston, Mass., & Chicago, Ill.
Mullaney's, Jas. Son (Plumbers), "Brass, Basin & Cistern," 25th c Lex av, N. Y.
Nelson, N. O. Mfg. Co., 424 N 8th, St. Louis, Mo.
Newell-Booth Co. (Plumbers, Nickel Plated), Broad c Buttonwood, Phila., Pa.
Northwestern Foundry & Supply Co. (Sink), Detroit, Mich.
Park & McKay, Detroit, Mich.
Peck, Stow & Wilcox Co. (Shelf), Southington, Conn.; 31 Warren, N. Y., & Cleveland, O.
Penn Hardware Co. (Plumbers & Shelf, Cast & Wrought Steel), Reading, Pa.
Phoenix Hdw. Mfg. Co. (Plumbers), Homer, N. Y.
Pleuger & Henger Mfg. Co. (Plumbers, Shelf, etc.), St. Louis, Mo.
Reading Hardware Co. (Brass & Iron Shelf), Reading, Pa.
Rumsey & Co., Ltd. (Inc.), (Adjustable Sink, etc.), Seneca Falls, N. Y.
Sanitary Co. (Plumbers, "Paragon" Brass), 7 Water, Cleveland, O.
STANLEY WORKS (Wrought Steel Shelf), New Britain, Conn., & 79 Chambers, N. Y. (See adv. Index, end of book.)
Stover Mfg. Co. (Plumbers & Shelf), Freeport, Ill.
STOWELL MFG. & FOUNDRY CO. ("Plumbers"), So Milwaukee, Wis. (See adv. index, end of book)
Wolverine Brass Works (Lavatory), Grand Rapids, Mich.
Wrightsville Hardware Co. (Shelf, Plumbers, etc.), Wrightsville, Pa.
Young, Joseph H. (Plumbers & Galvanized Iron, Tray & Sink), 80 High, Boston, Mass.

Brackets (Arc Lamp)

Cutter, Geo. Co., 129 Fulton, Chicago, Ill.

Brackets (Cross-Arms, Etc.)

(See Brackets, Electric House; also Brackets, Trolley Pole.)

Brackets (Desk Telephone)

Allen-Hussey Co., 66 W Jackson boul, Chicago, Ill.
Benbow Co., Rothschild bldg, Philadelphia, Pa
DeVeau Telephone Mfg. Co., 27 Rose, N. Y.
Griggs Mfg. Co., 79 5th av, Chicago, Ill.
Warner Electric Co. (Oxodized Finished), Muncie, Ind.

Brackets (Electric House)

Brady, T. H., New Britain, Conn.
Bryant Electric Co., Bridgeport, Conn.
Cutter, George Co., 129 Fulton, Chicago, Ill.
Electrical Construction Supply Co., Springfield, Ohio
Fletcher Mfg. Co., Dayton, O.
Heinemann, G. M. & Co., 737 Girard av, Philadelphia, Pa.
New England Eng. Co., Waterbury, Conn.
Spencer's, I. S. Sons, Guilford, Conn.

Brackets (Extension)

Brooks, M. S. & Sons (Wire & Brass Plated), Chester, Conn.

Brackets (Flag Pole)

Wilcox, Crittenden & Co., Middletown, Conn.
Wrightsville Hdw. Co., Wrightsville, Pa.

Brackets (Flexible)

McCreary Electric Co., 136 Liberty, N. Y.

Brackets (Folding)

Celebrated Scaffold Bracket Co. (Scaffold), 612 Mitchell, Milwaukee, Wis.
Danforth, A. H., Monson, Mass.
Griffin Mfg. Co. (Pressed Steel Shelf), Erie, Pa.

Brackets (Hand Rail)

Arcade Mfg. Co., Freeport, Ill.
Cheney, S. & Son, Manlius, N. Y.
Glenn Mfg. Co. (Counter Rail), St. Charles, Ill.
Norwalk Lock Co., So. Norwalk, Conn.
Penn Hardware Co., Reading, Pa.
Pleuger & Henger Mfg. Co., 11th & Hebert, St. Louis, Mo.
Reading Hdw. Co., Reading, Pa.; New York, Phila. & Chicago
Russell & Erwin Mfg. Co., New Britain, Conn., & 43 Chambers, N. Y.
Wilcox Mfg. Co., Aurora, Ill.

Brackets (Shelf)

Arcade Mfg. Co., Freeport, Ill.
Atlas Mfg. Co. ("Bradleys"), New Haven, Conn
Baltimore Hinge Co., 1300 Bank, Baltimore, Md.
Brass Goods Mfg. Co., 7 Warren, N. Y., & Nevin cor Union, Brooklyn, N. Y.
Chalfant Mfg. Co., Lancaster, Pa.
Dayton Malleable Iron Co., Dayton, O.
Edwardsville Brass Co., Edwardsville, Ill.
Grand Rapids Brass Co., Grand Rapids, Mich.
Griffin Mfg. Co. (Pressed Steel), Erie, Pa.
McKinney Mfg. Co. (Wrought Steel), Allegheny, Pa.
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 27 Murray, N. Y.
Penna, Hardware Co. (Cast & Wrought Steel), Reading, Pa.
Phoenix Hardware Mfg. Co., Homer, N. Y.
Pleuger & Henger Mfg. Co., 11th & Hebert, St. Louis, Mo.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn., & 45 Chambers, N. Y.
STANLEY WORKS (Wrought Steel), New Britain, Conn., & 79 Chambers, N. Y. (See adv. index, end of book.)
Stover Mfg. Co. (Plumbers & Shelf), Freeport, Ill.
STOWELL MFG. & FOUNDRY CO., So Milwaukee, Wis. (See adv. index, end of book)
STURTEVANT, B. F. CO. (For Pattern Storage Shelfs, etc.), Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria St., London, Eng. (See adv. index, end of book.)
Wrightsville Hardware Co., Wrightsville, Pa.

Brackets (Staging)

Boston Bolt Co., 284 Franklin, Boston
Johnson, Abner (Scaffold Brackets & Hooks), Rockport, Ill.

Brackets (Table)

Universal Caster & Foundry Co., 1170 Bway, New York. Factory, Newark, N. J.

Brackets (Trolley Pole)

(See also Cross Arms, Brackets & Pins, Wood.)

American Bridge Co. (Steel), 100 B'way, N. Y.
Anderson, Albert & J. M. Mfg. Co., 287 A, S. B., Boston, Mass.
Blue Ridge Locust Pin Co., Asheville, N. C.
Brady, T. H., New Britain, Conn.
Burnham & Duggan Railway Appliance Co., 89 State, Boston, Mass.
Brown & McLain, 141 Federal, Boston, Mass.
Central Mfg. Co. (Wood), Chattanooga, Tenn.
Cohen & Bock, Princess Anne, Mass.
Creaghead Engineering Co. (Creaghead Flexible), 313 Walnut, Cincinnati, O.
Dayton Mfg. Co., 2240 E. 3d, Dayton, O
Eccleston Lumber Co. (Wood), 29 B'way, N. Y.
Electric Railway Equipment Co., 431 E. Front, Cincinnati, O.
Endsley, J. W. (Wood), Somerfield, Pa.
Fletcher Mfg. Co., Dayton, O.
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, New York (See adv. index, end of book)
Heinemann, G. M. & Co., 737 Girard av, Philadelphia, Pa.
Houston & Liggett, Lewisburg, Tenn.
Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Leavitt, R. H., Capron, Ill.
Locke Insulator Mfg. Co., Victor, N. Y.
Mayer & Englund, 1024 Filbert, Phila., Pa.
McOuat, Robt. L., 125 S. Meridian, Indianapolis, Ind.
Mountain State Electrical Co., Wheeling, W. Va.
New England Engineering Co., Waterbury, Conn.
Noblett, E. J. & Co. (Wood), 898 35th, Chicago, Ill.
Norton Tool Co., Westpark, O.
Ohio Brass Co. (All Kinds), Mansfield, O.
Oliver Iron & Steel Co. (Steel, etc.), Pittsburg, Pa.
Oshkosh Logging Tool Co., Oshkosh, Wis.
Railway & Electric Supply Co. ("Ajax" Channel Steel), 115 B'way, N. Y.
Rinard, E. R. & Bro., Terra Alta, W. Va.
Standard Arm & Pin Co., Laurel, Miss.
Standard Pole & Tie Co., 58 William, New York
Texas Arm & Pin Co., Beaumont, Texas
Tower's Pin & Bracket Co., Ellijay, Ga.
Van Dorn & Dutton Co., 1796 E Madison av, Cleveland, O.
Walworth Mfg. Co., 132 Federal, Boston, Mass., & 15 Park Row, N. Y.
Western Electric Co., 259 S. Clinton, Chicago, & 57 Bethune, N. Y.
Wisconsin Bridge & Iron Co., Pabst bldg, Milwaukee, Wis.

Brackets (Wall, For Power Transmission)

(See Power Transmitting Machinery)

Brackets (Wood)

Cypress Tank & Mfg. Co. (Wholesale Mfrs.), Patterson, La.
Lidell & Williams, 597 Austin av, Chicago
McMillen, R. Co., Oshkosh, Wis.
Pierce, W. E. & Co., Milford, N. H.
Stearns, A. T. Lumber Co., Neponset & 166 Devonshire, Boston, Mass.
Zimmerman, Chas. E., 204 Burnet av, Syracuse, N. Y.

Brake Beams

Allison Mfg. Co., 32d & Walnut, Phila., Pa.
American Iron & Steel Mfg. Co., Lebanon, Pa.
Bettendorf Axle Co. (Car), Davenport, Ia.
Chicago Railway Equipment Co. (Kewanee, Diamond, Central, & "Monarch"), 40th & Princeton av, Chicago, Ill.
Damascus Brake Beam Co. ("Waycott," "Damascus"), 527 N 2d, St. Louis, Mo.
Davis Pressed Steel Co., Wilmington Del.
Pressed Steel Car Co., Pittsburg, Pa.
Standard Steel Car Co., Frick bldg, Pittsburg, Pa., & 170 B'way, N. Y. Works, Butler, Pa.
Sterlingworth Railway Supply Co. (Rolled Steel), North American bldg, Phila., Pa. Works, Easton, Pa.
Union Rail Co., Huntington, W. Va.

Brake Equipment for Traction Cars (Power)

WESTINGHOUSE TRACTION BRAKE Co., Pittsburg, Pa.

Brake Jaws

Cleveland City Forge & Iron Co., 67 Case av, Cleveland, O.
Dayton Malleable Iron Co. ("Kelly"), 1303 W 3d, Dayton, O.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Peacock's Iron Works, Selma, Ala.
Solid Steel Tool & Forge Co., Farmers' Bank bldg, Pittsburg, Pa.
Steel Car Forge Co., Pittsburg, Pa. Works, Elwood City, Pa.

Brake Levers

American Iron & Steel Mfg. Co., Lebanon, Pa.
Dayton Malleable Iron Co. (Made from Malleable Iron), Dayton, O.
Oliver Iron & Steel Co., Pittsburg, Pa.
Steel Car Forge Co., Pittsburg, Pa. Works, Elwood City, Pa.

Brake Shoe-Wheel Truing

Car Wheel Truing Brake Shoe Co., Ellicott sq, Buffalo, N. Y.
Wheel Truing Brake Shoe Co., 106 Miami av, Detroit, Mich.

Brake Shoes

Adams, S. Jarvis Co., Etna & 14th, Pittsburg, Pa.
AMERICAN BRAKE SHOE & FOUNDRY Co. ("Sargent, Diamond S," Lappan, Streeter, Herron, "Caldwell," etc.), Mahwah, N. J. Branches, 170 B'way, N. Y., & Western Union bldg., Chicago, Ill. (See adv. index, end of book.)
American Steel Foundries Co. (Open Hearth Steel). Main office, 74 B'way, New York; Fisher bldg, Chicago, Ill.; St. Louis, Mo., & Frick bldg., Pittsburg, Pa.
American Car & Foundry Co., 706 Chestnut, St. Louis, Mo., & 25 Broad, New York
Bacon Brake Shoe Co., Spuyten Duyvil, N. Y.
Baltimore Car Wheel Co., Baltimore, Md.
Barbour-Stockwell Co. (Electric Railway), Cambridgeport, Mass.
Barnum-Richardson Co., Lime Rock, Conn.
Bellwood Mfg. Co., Bellwood, Pa.
Brill, J. G. Co., 62d & Woodland av, Phila., Pa.
Buckeye Steel Castings Co., Columbus, O.
BUDA FOUNDRY & MFG. CO., Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
Chester Steel Castings Co., Chester, Pa., & 407 Sansom, Phila., Pa.
Crescent Brake Shoe Co., 127 Hudson, Phila., Pa.
Dorner Truck & Foundry Co., Logansport, Ind.
Elmira Heights Foundry, Elmira, N. Y.
Fulton Foundry Co., Cleveland, O.
International Brake Shoe & Foundry Co., 170 Bway, New York
Lehigh Car Wheel & Axle Works, Fullerton, Pa.
Lima Locomotive & Machine Co., Lima, O.
Lorraine Foundry Co., Bush & Wicomico, Baltimore, Md.
McCord & Co., Old Colony bldg, Chicago
McGuire-Cummings Mfg. Co., 122 N Sangamon, Chicago
Manufacturers Railway Supply Co. (Interlocking), Fisher bldg., Chicago, Ill.
Mowry Car Wheel Works, 2401 Eastern av, Cincinnati, O.

N. Y. Car Wheel Co., 15 Forest, Buffalo, N. Y., & 771 Greenwich, New York
N. Y. Switch & Crossing Co., Hoboken, N. J.
Peacock's Iron Works, Selma, Ala.
Pittsburg Brake Shoe Co., Farmers B'k bldg, Pittsburg, Pa.
Reliance Steel Casting Co. (Ltd.), Pittsburg, Pa.
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book.)
Spear & Miller Co. ("The Ideal"), Monadnock blk, Chicago
Swett, A. L. Iron Works, Medina, N. Y.
Symington, T. H. Co., Baltimore, Md.
Taunton Locomotive Mfg. Co., Taunton, Mass.
Van Dorn & Dutton Co., 1796 E Madison av, Cleveland, O.
Vulcan Iron Works (Reilly), Toledo, O.
Wharton, Wm., Jr., & Co. (Inc.) (Electric Railway), 25th & Wash'n av, Phila., Pa.
Wheel Truing Brake Shoe Co. (Wheel Grinders), 106 Miami av, Detroit, Mich.

Brake Shoes (Driver)

AMERICAN BRAKE SHOE & FOUNDRY CO. ("Sargent, Diamond S," Lappan, Streeter, Heron, Caldwell, etc.), Mahwah, N. J. Branches, 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)

Brake Shoes (Electric Railway)

AMERICAN BRAKE SHOE & FOUNDRY Co. ("U" Diamond, "S" "U" Streeter), Mahwah, N. J. Branches, 170 B'way, New York, & Western Union bldg., Chicago, Ill. (See adv. index, end of book)

Brake Slack Adjuster

Gould Coupler Co., 1 W 34th, N. Y.; Rookery bldg, Chicago; Commercial bldg, St. Louis Mo. Works: Depew, N. Y.

Brake & Electric Car Heating Apparatus (Magnetic)

WESTINGHOUSE TRACTION BRAKE Co., Pittsburg, Pa.

Brakes (Air)

American Machine & Ordnance Co.
Corrington Air Brake Co. ("Corrington" Alternating), Mattewan, N. Y.
Knell Air Brake Co., Battle Creek, Mich.
Magann, G. P. Air Brake Co., 4th & Porter, Detroit, Mich.
Merritt Air Brake Mfg. Co., Worcester, Mass.
National Electric Co. ("Christensen"), Milwaukee, Wis.
New York Air Brake Co., 66 B'way, N. Y., & Fisher bldg, Chicago
WESTINGHOUSE AIR BRAKE CO. THE (Automatic), Pittsburg, Pa.

Brakes (Air, Storage System)

WESTINGHOUSE TRACTION BRAKE Co., Pittsburg, Pa.

Brakes (Car)

Bemis Car Truck Co., 120 Liberty, N. Y. Works, Springfield, Mass.
Brill, J. G. Co., 62d & Woodland av, Phila., Pa
BUDA FOUNDRY & MFG. CO., Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
McGuire-Cummings Mfg. Co., 122 N Sangamon, Chicago
Magann, G. P., Air Brake Co., 4th & Porter, Detroit, Mich
Massachusetts Steel Casting Co. (The "Neal Duplex"), Everett, Mass.
Peckham Mfg. Co. (Friction, etc.), 26 Cortlandt, N. Y.
Sterling-Meaker Co., 420 Ogden, Newark, N. J.
Taylor Electric Truck Co., Troy, N. Y.
Van Dorn & Dutton Co., 1796 E Madison av, Cleveland, O.

Brakes (Electric Car)

GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, New York (See adv. index, end of book.)
Knell Air Brake Co., Battle Creek, Mich.
Magann, G. P. Air Brake Co., Detroit, Mich.
Nassau Steel Co. (Neal Duplex), 145 Oliver, Boston, Mass., & Everett, Mass.
National Electric Co. ("Christensen"), Milwaukee, Wis.
Standard Traction Brake Co., Wilmerding, Pa.
Sterling-Meaker Co. ("Momentum," "Sterling"), 420 Ogden, Newark, N. J.
United States Steel Co. (Neal Duplex), 145 Oliver, Boston, Mass., & Everett, Mass.

Brakes (Electric Crane)

Electric Controller & Supply Co., Central & Giddings av, Cleveland, O.
Knell Air Brake Co., Battle Creek, Mich.

Brakes (Flax)

New Winona Mfg. Co., Winona, Minn. end of book.)

Brakes (Locomotive)

N. Y. Air Brake Co. (aiso Tender, Driver. Freight & Passenger Car), 66 B'way, N. Y., Fisher bldg, Chicago
WESTINGHOUSE AIR BRAKE CO., THE, Pittsburg, Pa.

Brakes (Vacuum)

New York Air Brake Co. (and Vacuum Automatic), 66 B'way, N. Y., & Fisher bldg, Chicago

Brass Altar Rails & Pulpits

AMOS, CHARLES & CO., 94 W. Larned, Detroit, Mich. (See adv. index, end of book)
CHURCH ART WORK CO., 253 4th av, N. Y. (See adv. index, end of book.)
JACKSON, WM. H. CO., 29 E. 17th (Union Square), N. Y. (See adv. index, end of book.)
Kleinschnitz, K. & Co., 61 Noble, Brooklyn, N. Y.
Mills, W. J., 423 Kent av, Brooklyn, N. Y.
Murdock Corporation, 156 Boylston, Boston, Mass

Brass Founders.

See Bell Founders,
Bell Mfrs.,
Castings Brass,
Fire Place Furnishings,
Hardware Mfrs.,
Machinists and Founders.
Plumbers' Brass Goods,
Valve Mfrs.,

Brass Founders' Supplies

Brass Founders' Supply Co., 20 Prospect, Newark, N. J.
OBERMAYER, S. CO., 647 Evans, Cincinnati, O.; 18th & Rockwell, Chicago, Ill.; 35th & Charlotte, Pittsburg, Pa.; Roe bldg, St. Louis, Mo.; Majestic bldg, Detroit, Mich.; Cooper bldg, Denver, Colo.; Land Title bldg, Phila., Pa., & Mission St. San Francisco, Cal. (See adv. index, end of book.)

Brass Railings

(See Bank & Office Railings.)

Brass Small Special Wares

Scovill Mfg. Co., Waterbury, Conn., 423 Broome, N. Y., Boston, Mass., & Chicago, Ill.
Waterbury Brass Co., Waterbury, Conn., & 122 Centre, N. Y.

Brass & Copper Angles, Channels, Etc.

Ansonia Brass & Copper Co., Ansonia, Conn., & 99 John, New York
BENEDICT & BURNHAM MFG. CO., Waterbury, Conn. (See adv. index, end of book.)
Bridgeport Brass Co., Bridgeport, Conn., & 19 Murray, New York
Coe Brass Mfg. Co., Torrington, Conn.
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Hungerford, U. T. Brass & Copper Co., 497 Pearl, New York
Manhattan Brass Co. (Brass & Bronze), 334 E 28th, N. Y.
Merchant & Co. (Inc.), 517 Arch, Philadelphia, Pa., & 245 Water, New York
Rome Brass & Copper Co., Rome, N. Y., & 100 William, N. Y.
Waterbury Brass Co., Waterbury, Conn., & 122 Centre, N. Y.

Brass & Copper Bolts

(See Bolts, Brass & Copper.)

Brass & Copper Nails

(See Nails, Brass & Copper.)

Brass & Copper Rivets

(See Rivets, Brass & Copper.)

Brass & Copper Rods

(See Rods, Brass & Copper.)

Brass & Copper Screws

(See Screws, Brass & Copper.)

Brass & Copper Sheets

(See Copper & Brass Sheet.)

Brass & Copper Tubes

(See Tubing, Brass & Copper.)

Brass & Copper Wire

(See Wire, Brass & Copper.)

Brazing Apparatus

(See Blow Pipes & Brazing Apparatus)

Brazing Compound

Standard Brazing Co. (Inc.), Board of Trade bldg, Boston, Mass.

Brazing for the Trade

Reading Machine & Tool Co., Reading, Pa.

Breakers (Casting or Scrap)

Curtis & Co. Mfg. Co., St. Louis, Mo., & 42 S Canal, Chicago, Ill.
Dodge Mfr. Co., Mishawaka, Ind.
WHITING FOUNDRY & EQUIPMENT Co., Harvey, Ill. (See adv. index, end of book.)

Breakers (Circuit)

Atkinson, J. M. Co., 2427 Calumet av, Chicago
Boston Electric Co., 29 Harrison av, Boston, Mass.
Carpenter Enclosed Resistance Co., 78 E 131st, N. Y.
Condit, S. B., Jr., & Co., 63 Oliver, Boston
Cutler-Hammer Mfg. Co., Milwaukee, Wis., & 136 Liberty, N. Y.
Cutter Elec'l & Mfg. Co. (The "I. T. E."), 19th & Hamilton, Phila., Pa.
Fisher Electrical Works, 183 Larned, Detroit, Mich.
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, New York. (See adv. index, end of book.)
General Incandescent Arc Light Co., 529 W 34th, New York
Hartman Circuit Breaker Co. (Automatic Oil Circuit for Cars, etc.), Mansfield, O.
Jones, J. & Son (Electric Light), 62 Vesey, New York
LaRoche, F. A. Co., 656 Hudson, N. Y.
Leonard Ward Electric Co., Bronxville, N. Y.
McCarthy Bros. & Ford, 43 N Division, Buffalo, N. Y.
North Bros. Mfg. Co., Lehigh av & American, Phila., Pa.
Ohio Brass Co. (Automatic), Mansfield, O.
Porter & Berg ("I. T. E."), 309 Dearborn, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. Co. (Alternating & Direct Current), Pittsburg, Pa. District offices, New York, Atlanta, Dallas, Baltimore, Boston, Buffalo, Chicago, Cincinnati, Cleveland, Detroit, Los Angeles, Minneapolis, New Orleans, Philadelphia, Pittsburg, St. Louis, Salt Lake City, San Francisco, Syracuse, Seattle, Denver, Mountain Electric Co., Canada; Canadian Westinghouse Co., Limited, Hamilton, Ontario; Mexico, G. & O. Braniff & Co., City of Mexico. (See adv. index, end of book)

Brewers' & Maltsters' Machinery

(See Machinery, Brewers' & Maltster's.)

Brick (Acid)

Denny Clay Co. (For. Chemical Works), Seattle, Wash.

Brick Ashlar

(See Architectural Faience.)

Brick Dryers

(See Dryers, Brick.)

Brick Handler.

Union Brick Bond Co., Pittsburg, Pa.

Brick Importers (Enameled)

Behrend, F., 54 Front, N. Y.

Brick Mfrs. (Clinker Paving)

FLEMING & CO. (Adamantine Clinker), 123 Liberty, New York. (See adv. index, end of book.)

Brick Mfrs. (Common)

See also Brick Mfrs., Dutch Clinker.
Brick Mfrs., Enameled.
Brick Mfrs., Fire Flashed.
Brick Mfrs., Fire.
Brick Mfrs., Furnace Arch & Roof.
Brick Mfrs., Front.
Brick Mfrs., Glazed.
Brick Mfrs., Granite Pressed.
Brick Mfrs., Hollow.
Brick Mfrs., Pompeiian.
Brick Mfrs., Porous. See Fire-Proof Porous Brick & Tile.
Brick Mfrs., Silica.
Brick Mfrs., Vitrified Paving.
Brick Mfrs., White.
Blocks, Hollow Building.
Conduits.
Fire-Proof Hollow Brick & Tile.
Roofing Tile, Terra Cotta.
Plumbers' Sanitary Earthenware.
Sewer Pipe Mfrs.
Terra Cotta, Architectural.
Tile, Art, etc.

ALABAMA.

ASHBY—Ashby Brick Co.
  Budwig & Myers Fire Brick Co.
AVONDALE—Daniel, F. B.
BIRMINGHAM—Bessemer Fire Brick Co.
  Budwig & Myers Fire Brick Co.
  Coosa Brick & Mfg. Co.
  Copeland Brick Co., 44 E Birmingham
  Graves-Shale Brick Co.
  Leak, J. D.
  Robertson Brick Co., 39th & E Birmingham
  Stevenson, L. L.
BREWTON—Strong, W. H. Brick Co.
BRICKYARD—Bickerstaff Brick Co.
CHOCCOLOCCO— Morris Brick Co.
DEMOPOLIS—McGrath Bros.
  Ruffer, J. D.
ELBA—Perdue, W. B. & Co.
EUFAULA—Moulthrop, R.
GREENVILLE—Terrill, W. C.
HUNTSVILLE—Huntsville Brick Co.
MOBILE—Bennett, John J.
  Hale, F. K.
  Kentz, Jos.
MONTGOMERY—Excelsior Brick Works
  Holt, B. L. & Co.
  McIntyre, Jos. & John
  Riverside Brick Co.
NATCHEZ—Walston, H. C.
NEWTON—Kimbrough Brick Co.
SELMA—Selma Brick & Tile Co.

ARIZONA.

PHOENIX—Alhambra Brick Co.
  Peterson, Chas.
PRESCOTT—Fitzsimmons & Keating

ARKANSAS.

FORT SMITH—Carbaugh, J. D.
  Fort Smith Pressed Brick & Tile Co.
  Sulphur Springs Brick Co.
HELENA—Straub's, N. Sons
HOT SPRINGS—Judd & Latz
LITTLE ROCK—Arkansas Brick & Mfg. Co.
  Little Rock Brick Works.
SEARCY—Woodson & Woodson
TEXARKANA—Stevens, A. W.
  Texarkana Brick Co.
  Tilson, M. D.

CALIFORNIA.

ALAMEDA—Clark, N. & Sons
BAKERSFIELD—Bakersfield Brick Co.
  Kern County Brick & Contract Co.
BERKELEY—Altbayer, Mrs. R.
FRESNO—Craycroft, C. J. & Son
  Fresno Brick & Tile Co.
KENNET—Holt & Gregg Co.
LOS ANGELES—Berg & Oxby, 616 Lankershim bldg
  California Ornamental Brick Co., Mason Op House
  L. A. Pressed Brick & T. C. Co., 105 S. B'way
  Los Angeles Brick Co., Trust bldg.
  Simons Brick Co., Stimson bldg.
  So. Cal. Brick Co., Tajo bldg.
  Standard Brick Co., 121½ W. 3d
OAKLAND—Remillard Brick Co., 659 Clay
PASADENA—Simons Brick Co.
POMONA—Pomona Brick Co.
RED BLUFF—Holt & Gregg Co.
REDDING—Aeta Lime & Brick Co.
  Hill & Coleman
  Holt & Gregg Co.
REDLANDS—Taylor Bros. Brick Co.
SAN DIEGO—Hubbard, Robt. M.
SAN FRANCISCO—Baden Brick Co., 106 Jessie
  Garden City Brick Co., 814 6th
  Kimball Brick Co., 323 Montgomery
  Pacific Sand & Lime Brick Co., 137 Montgomery
  Patent Brick Co., 240 Montgomery
  Remillard Brick Co., Berry, bet. 5th & 6th
  Richmond Brick Co., 126 Davis
  Sacramento Transportation Co., 3d & Berry
  San Francisco Brick Co., Hayward bldg
  San Jose Brick Co., 708 Market
  Simons-Fout Brick Co., 18th & Corbett av
  Wheeland Brick Co., 323 Montgomery
SAN JOSE—San Jose Brick Co.
SANTA ANA—Grouard, C. E.
STOCKTON—San Joaquin Brick Co.
VENTURA—Giddings, H. A.
WOODLAND—Winne, W. H.

COLORADO.

BOULDER—Boulder Pressed Brick Co.
  Lee, W. S.
COLORADO SPRINGS—Brewer, Ben, Brick Co.
  Schlessinger Bros.
DENVER—Baker, A. J., 1023 10th
  Baker Bros. & Norwood, Milwaukee nr E 32d
  Boulder-Shale Brick Assn, E 34th av nr Clarence
  Boyle, Wm., E 34th av nr Clarence
  Clark Bros., Decatur cor W 9th av
  Colby Bros., Elizabeth nr E 35th av
  Denver Pressed Brick Co., Temple ct
  Denver Sewer Pipe & Clay Co., Continental bldg
  Excelsior Brick Co., S York & E Colorado av
  Fairview Brick Co., Decatur cor W 18th av
  Frisbie, Roswell R., Decatur nr W 9th av
  Golden Pressed & Fire Brick Co., 431 15th
  Keefe Mfg. & Investment Co., Exchange bldg
  McCabe, Jno. M., E 37th av nr St Paul
  Merchant, B. F., Continental bldg
  Robinson Brick Co., S Gaylord nr E Mexico av
  Rowe, E. E. & Co., 1250 Boul F
  Sill Kay Garfield, bet E 29th av & 28th avs
  Villa Park Brick Co., Hazel Court
LA JUNTA—La Junta Brick & Tile Co.
PUEBLO—Colorado Brick & Tile Co.
  Standard Fire Brick Co., Summitt, bet. 25th & 26th
  Summit Pressed Brick & Tile Co.

CONNECTICUT.

BERLIN—American Brick Co.
  Davis, Wm. L. (Pallet)
  Donnelly Brick Co.
  Jacobs, Marcus E.
  Merwin Brick Co.
  Murray, Richard
  Standard Brick Co.
BRIDGEPORT—New England Pipe Co.
BROOKLYN—Quinebaugh Brick Co.
CROMWELL—Strickland & Edwards Brick Co.
DANIELSON—Quinebaugh Brick Co.
E. WINDSOR HILL—Lahey-Brower & Hayden
ELMWOOD—Elmwood Brick Co.
  Hartford Brick Co.
HARTFORD—Curtis, D. J. & Son, 737 Windsor av
  Dennis, Thos., Jr., Prospect av
  Dorr, Cephas, New Park av
  Hartford Brick Co., 25 Front
  Kane, Michael, 190 New Park
  Mills, Elijah & Son, Tower av
  Parkville Electric Brick Co., 270 Prospect av
MIDDLETOWN—Johnson, J. D.
  Tuttle Brick Co., Newfield, at R. R. station
NEW BRITAIN—Holmes, Jno. W.
  Tower Bros., Stanley, nr. S Main
NEW HAVEN—Brockett, Fred H., 68 Center
  Central New England Brick Ex. Co., 169 Orange
  Coady, Hannah, Miss, 169 Orange
  Davis, Wm. E. & Co., 169 Orange
  Howard Co., 250 Boulevard
  Montowese Brick Co., 916 Church
  Shares, Horace P.
  Stiles, I. L. & Son Brick Co., 335 East
  Stiles & Hart Brick Co.
  Stow, S. J. (Stove), 763 State

NEW LONDON—Fisher's Island Brick Mfg. Co., 81 State
NORTH HAVEN—Brockett, F. H.
Shares, F. J.
Stiles, I. L. & Son Brick Co.
THOMPSONVILLE—Alden, H. D.
WILSON—Baker, Fred
Wilson, S. H.

DELAWARE.

DELMAR—Elliott, W. B.
LINCOLN—Sackett, Chas. H. & Co.
NEWARK—Johnson, Jonathan
WILMINGTON—Allan, Alvan Brick Co., 915 Market
Delaware Terra Cotta Co., 10 W 8th
Diamond Stone Brick Co.
Oberly, James B., Lancaster & Greenville avs

DISTRICT OF COLUMBIA.

WASHINGTON—American Granite Brick Co., Home Life bldg
Anacostia Brick Co., 702 11th, N. W.
Diggs, E. R. & Co., 716 13th N W
Ford, Chas. (Est. of), 2 M, S W
Grinder, Edw. M., 1001 1st, S E
Herrell, H. A. & Co., 19 & B, N E
Hydraulic Pressed Brick Co., Colorado bldg
Jackson,-Phillips Brick Co., 614 14th N W
Martin & Bro., 1504 S Capitol
Mertens, Agnew & Phillips, Mt. Olivet rd, cor 12th, N E
Mills, Wm. A., 1323 G, N W
New Washington Brick Co., 1420 N. Y. av., N W
Potomac Brick Co., 1413 G, N W
Richards, Jas. H., 1117 N. J. av., S. E.
Rosslyn Brick Co., 1321 F, N W
Standard Brick Co., 1416 F, N W
Virginia Brick Co., 930 F, N W
Walker, Wm. T. Brick Co., 8 Corcoran bldg
Washington Brick & Terra Cotta Co., 3d., cor O. S. W.
Washington Hydraulic Press Brick Co., 1416 F, N W
West Bros. Brick Co., 718 15th, N W

FLORIDA.

BLUFF SPRINGS—Creary, J. O.
CALLAHAN—Mickler & Co.
CAMPVILLE—Campville Brick Co.
JACKSONVILLE—Jacksonville Brick Co.
LAKE CITY—Lake City Brick Co.
PALATKA—Brown Brick Co.
PINE BARREN—McMillan Brick Co.
ROBERTS—Bonifay, B. M. & Son
SORRENTO—Sorrento Brick & Lumber Co.

GEORGIA.

ALBANY—Albany Brick Co.
Cruger & Pace
ATHENS—Athens Brick Co.
ATLANTA—Chattahoochee Brick Co., 10 Decatur
Morris Brick Co., Empire bldg.
Palmer Brick Co., 25 Marietta
South River Brick Co., 19 S Broad
AUGUSTA—Dunbar, B. S.
McCoy Brick & Tile Co.
Merry Bros.
Rutherford, W. J. & Co.
BAINBRIDGE—Patterson, L. F.
CALHOUN—Calhoun Brick Co.
CARTERSVILLE—Cartersville Brick Co.
COLUMBUS—Berry, Geo. O. & A. F.
Shepard Bros.
ELBERTON—Elberton Brick Co.
GAINESVILLE—Pfeffer, Mrs. P.
HAWKINSVILLE—Snowden, T. H.
JOHNSTON STATION—Southern Brick & Tile Co.
MACON—Anderson, W. F.
Stratton Brick Co.
MILLEDGEVILLE—McMillan, J. W.
ODESSA—Morris, J. S.
ROME—Morrison Trammell Brick Co.
Rome Brick Co.
SAVANNAH—Rothwell, B., 228 Montgomery
Savannah Building Supply Co., 41 Drayton
Woledge—Philpot Co., W end Berrien
UNIONPORT—Ogeechee Brick Co.
WEST POINT—Jones, Lafayette
McPherson, N. B.

IDAHO.

BOISE—Spieler, Hy. F.
GRANGERVILLE—Holz, Valentine & Son
LEWISTON—Terterling, J. A.
SAND POINT—Sand Point Brick Co.

ILLINOIS.

ABINGDON—Abingdon Paving Brick & Tile Co.
ALEDO—Townsley, B. F.
ALEXIS—Townsley, Thos.
ALTON—Acme Pressed Brick Co.
Alton Paving, Building & Fire Brick Co.
Corbett, Thos.
ASHMORE—Ogle, H. A. & Co.
AURORA—Solfisburg, Christian
AVON—Avon Milling & Mfg. Co.
BARRY—Chilton, C. H.
BARTONVILLE—Bartonville Brick Co.
Mauerman, Frank
Randall, Harry
BEARDSTOWN—Meyer, H. C.
BELLEVILLE—Belleville Brick Co.
Ittner, A. Brick Co.
Kloess Brick Co.
BELVIDERE—Belvidere Brick Co.
BENSON—Peterson, S. & C. T.
BETHANY—Fortner & Helvie
BLOOMINGTON—Bloomington Pressed Brick Co.
Cannon, Wm. M.
Heafer, Edgar M. Tile Co.
Holmes, J. B. & Co.
McGregor, J. H. Brick Co.
Rankin, J. A. Brick Co.
BUDA—Churchill, Horatio
BUSHNELL—Lauterbach, E. D.
CAIRO—Ferguson, Thos. & Co.
Halliday, W. R.
CAMPUS—Mamer Bros.
CANTON—Ellis, W. W. & Son
Heckard & Son
Roller, Geo. B.
CARBON CLIFF—Argilla Works.
CARLINVILLE—Moody & Son
CARLYLE—Holdener, J. D.
CARMI—Eckerle, Stephen
CASEY—Weaver, Joel & Son
CERROGORDO—Bruaw, Henry & Son
CHAMPAIGN—Sheldon Brick Co.
CHANDLERVILLE—Zorn, Aug.
CHARLESTON—Record, S. H.
CHATSWORTH—Walter, Geo. J.
CHICAGO—American Brick Co., 4500 S Robey & W 45th
American Sand Lime Brick Co., 225 Dearborn
Bach, W. & Sons Co., 1937 N Western av
Burke, Alex. S., cor 40th av & W 19th
Bonner, Chas. & Co., 138 Washn
Chicago Brick Co., 138 Washn
Chicago Hydraulic Pressed Brick Co., 138 Washn
Evans, Rothwell H., 138 Washn
Heimann, G. J., 188 Madison
Illinois Brick Co., 138 Wash'n
Jenkins & Reynolds Co. (Mfrs. Agents). Chamber of Commerce bldg
Kelly, A. W. & Co., 242 W 63rd
Kemnitz & Schneider, 1258 Oakdale av
Kimbell, S. S. Brick Co., 138 Wash'n
Labahn Brick Co., 92 La Salle
La Dow, B. E. & Co. (Mfrs. Agents), 138 Wash'n
Marion Brick Works, The Rookery
Moore, E. H., 145 La Salle
Moulding, Thomas Co., Chamber of Commerce bldg
Murphy & Lorimer Brick Co., 59 Clark
Philadelphia & Boston Face Brick Co., 204 Dearborn
Powers, J. R. & Son, 145 La Salle
Purington Paving Brick Co., 138 Washn
Sexton, John M. L., W 39th & Leavitt
Tiffany Enamelled Brick Co., 138 Washn
Union Pressed Brick Co., Chamber of Commerce bldg
COAL VALLEY—Hass, Jno. T. & Son
COLCHESTER—King, Moses
COLLINSVILLE—American Hydraulic Press Brick Co.
Illinois Hydraulic Press Brick Co.
CULLOM—Ortman, F. A.
DANA—Miller, A. M.
DANVILLE—Danville Brick & Tile Co.
Western Brick Co. (Yearly Capacity 60,000,000 Wire Cut & Re-Pressed)
DAYTON—Chicago Retort & Fire Brick Co.
DECATUR—Decature Brick Co.
DELAND—Moody, R. B.
DELAVAN—Tilbury, W. C.
DESPLAINES—Whitcomb, Franklin
DUNDEE—Haeger, D. H. (est of)
EARLVILLE—Earlville Brick & Tile Mfg. Co.
EAST PEORIA—Carter, F. R.
EDINBURGH—Van de Veer, C. W.
EDWARDSVILLE—Richards, Benj. H.
EL DORADO—Womack, T. J.
ELGIN—Elgin Brick & Tile Co.
ENFIELD—Rimley, Jos.
EQUALITY—McIntyre, Wm. & Son
FARMER CITY—Arbogast, Dan'l H.
FLANAGAN—Patton, H. C.
FRANKLIN—Wright, A. H.
FREEPORT—Grant, Thos.
Trunck, Frank
GALESBURG—Galesburg Paving Brick Works
Purington Paving Brick Co.
GILMAN—Wild, James W.
GRAYVILLE—Wheatcraft, W. G.
GREENUP—Ward, J. H.
GRIDLEY—Holdridge, I. G. & Co.
HAMPSHIRE—Backus & Sholes
HARRISBURG—King, Robert
HARVEL—Smith & White (Tile)
HIGHLAND—Miller, Louis
HIGHLAND PARK—Mooney Bros.
HILLSBORO—Hillsboro Brick & Tile Co.
HINCKLEY—Patten, Frank C.
HOMEWOOD—Gottschalk & Rabe
HUTSONVILLE—Hutsonville Brick & Tile Co.
ILLIOPOLIS—Baldridge, M. I.
INDIANOLA—Davenport, Geo. W.
JACKSONVILLE—Howe, Dan'l W.
Whitmer, E.
JOLIET—Shaw, Josiah E., 2307 E. Cass
Shaw, Silas, Brick Co.
KANKAKEE—Kankakee Tile & Brick Co.
LASALLE—Lasalle Pressed Brick Co.
LINCOLN—Lincoln Coal Co.
LITCHFIELD—Chamberlain, Jno. W. & Son
LITTLETON—Weaber Cyrus (Tile)
LITTLE YORK—Townsley & McCoy
LODA—Goodell, Adison, Tile Works
LOMBARD—Lombard Brick & Tile Co.
LOSTANT—McShane, Richard
McQUEEN—Elgin Brick & Tile Co.
MACKINAW—Judy & Cook
MACOMB—Tiernan Bros.
MANCHESTER—Heaton, J. M. (Tile)
MARTINSVILLE—Snavely, L. C.
MASCOUTAH—Mascoutah Brick Co.
MATTOON—Belting, Theo.
Mattoon Tile Co.
MAZON—Martin, F. A.
MECHANICSBURG—Combs, A. M.
MENDOTA—Harbough, C. A.
METCALF—Jones, J. H.
MILFORD—Marquis, D. M.
Prutsman, A. P.
MINONK—Clark & Pickard
Goodwin, Jno.
MOLINE—Abraham, Jacob & Son
MOMENCE—Tiffany Enameled Brick Co.
MONMOUTH—Monmouth Brick Co.
MONTICELLO—Lodge, W. F.
MORRIS—Buck Bros.
Steep, E.
Telfer, Alex. W.
MORTON—Rapp Bros.
MT. CARMEL—Keller, Jno. H.
Tilton, M. L.
MT. OLIVE—Weidler, Chris.
MT. STERLING—Bush, R. & Son
MOWEAQUA—Frazee, Oscar
NAPERVILLE—Martin & Van Oven
NEWBERN—McNeil Pressed Brick Co.
NEW MEMPHIS—Niemeyer Bros.
NEWTON—Bergbauer, Jos.
NORTHAMPTON—Goodwin, Thos.
ODIN—Cook, H. V.
OKAWVILLE—Schlechte, Wm.
OLNEY—Olney Paving Brick & Tile Co.
ONARGA—Barnes, Horace.
PANA—McCarthy Bros.
PAXTON—Anderson, Martin
Paxton Brick & Tile Co.
PEKIN—Jansen, J. D.
PEORIA—Carter, Fred R., E. Peoria
Dalton, Jas., Gale av & University
Dering, Max, Woolner bldg
Fox, William, 1011 N Elizabeth
Giles, Albert E., University & Gale av
Hydraulic Pressed Brick Co., Woolner bldg
Kanne Bros. & Co., E. Peoria
Madigan, Jno., 7th av & Sterling
Peirce, Jos. B., Hamlin av nr Gordon
PERU—Unzicker, Robt.
PETERSBURGH—Anderson, Chas. (Tile)
Salveson & Dawson
PITTSFIELD—Huseman August
POLO—French, Geo.
PRINCETON—Oberschelp, H. G.
Wagner, Jacob

QUINCY—Damhorst Bros.
Gem City Paving Brick Co., Echo av cor 12th
Hummert & Abbott
Konefes, J. H. & Son
Steinbach Bros.
Stroot, J. H., 1100 Cherry
RAMSEY—McKnight, H. B.
RANKIN—Patten, H. & Bro.
RAY—Porter, Rufus
REDDICK—Currie, A. S.
REDMON—Rhodes, M. L.
RIDGELY—Mester Bros.
ROANOKE—Willems, Geo. H.
ROBERTS—Anderson & Kenward
ROCK ISLAND—Paulsen, Hans
ROCKFORD—Superior Brick Co., 201 E State
ROSEVILLE—Bird & Pratt
ROSSVILLE—Habel, Benj. J.
ST. ELMO—Barbee Bros.
SHELBYVILLE—Flanders, Stephen
Martz Bros.
SPRINGFIELD—Dawson Brick & Tile Co.
King, J. A.
Mester Bros.
Sangamo Brick Co.
Springfield Paving Brick Co.
STONINGTON—Baldridge Bros. & Co.
STREATOR—Barr Clay Co.
Eagle Clay Works
Hardscrabble Brick & Tile Co.
Streeter Paving Brick Co.
Willey, Thos.
STRONGHURST—Steffey, S. A. D.
SULLIVAN—Pifer, F. E.
Witts & Witts
TALLULA—Hugenberger, A. C.
TAYLORVILLE—Anderson Bros.
TEUTOPOLIS—Deyman, George
THOMASBORO—Peters, F. J.
TOULON—Headley, J. P.
TROY—Hoge, Rudolph
TUSCOLA—Hall, Jacobson & Co.
UTICA—Utica Firebrick Co.
VIRGINIA—Paul, Chas. E.
WADSWORTH—Cashmore, John
Winter, I. S. & Sons
WALNUT HILL—Walnut Hill Press Brick Co.
WAPELLA—Carle, W. R.
WATERLOO—Burkhardt, Jacob
WAVERLY—Doerfler, Conrad
WAYNESVILLE—Yeakel Bros.
WOODLAND—Anderson, J. W.
Grafilus, J. W.
WOODSON—Craig, Wm. P.
YORKVILLE—Tarbox, A. & E.
ZENOBIA—Farnam, D. A. & Co.

INDIANA.

AKRON—Gast, A. A.
ALBION—Landgraff, Frank
ANDERSON—Davis Bros.
Davis, D. B.
Indiana Brick Co. (daily capacity 150,000)
ARCADIA—Arcadia Brick Works
ARCOLA—Cook, Arthur P.
ATTICA—Le Clair, Jos.
BARNARD—Hill, J. C. (Tile)
BERNE—Bixler & Mathys
BOONVILLE—Feldwisch, Henry
Klostermeyer, Louis
BRAZIL—Ayers & McCarel Clay Co.
Brazil Brick & Pipe Co.
Chicago Sewer Pipe Co.
Excelsior Clay Works
Indiana Paving Brick & Block Plant
McRoy Clay Works
Sheridan Brick Works
BROOK—Brook Terra Cotta Tile & Brick Co.
BROOKVILLE—Fries, Anthony & Sons
BROWNSTOWN—Brownstown Brick & Tile Co
CAMMACK—Darbyshire, F. C.
CARBON—Simpson, Benjamin
CASTLETON—Johnson, Jno. J.
CAYUGA—Cayuga Brick & Coal Co.
CHESTERTON—Anderson, P. E. & Son
CLARK'S HILL—Coyner, M. P. (Tile)
CLAY CITY—Clay City Brick & Clay Co.
Kaiser, Geo. T.
CLINTON—Clinton Paving Brick Co.
COATESVILLE—Ellis, E. R.
COLUMBUS—Crump, F. T.
CONNERSVILLE—Fries, A. & Sons
CRAWFORDSVILLE—Everson & Ferguson
Lee, M. J.
CURTISVILLE—Curtisville Tile & Brick Co.
CYNTHIANA—Redman Bros.
DALEVILLE—Daleville Brick Co.
Lefter, B. F.
DECATUR—Krick, Tyndall & Co.
EATON—Schultz, Wm. G. & Son
EDGERTON—Auspach, J. P. & Son
ELBERFELD—Jarvis & Thene
ELIZABETHTOWN—Glick, Chas.
ELKHART—Boss, J. K.
ELWOOD—Rodefer, John F.
EVANSVILLE—Evansville Pressed Brick Co., W S Stringtown rd, N of Belt Ry
First Av. Brick & Tile Co., 328 Sycamore
Helfrich Lumber & Mfg. Co., 615 W Franklin
Heseman, Sophia, N S Green River rd
Klamer Bros., Upper Mt Vernon rd cor N Baker av
Standard Brick Mfg. Co., 328 Syracuse
Wedeking, Ernest, Stringtown rd
FARMERSBURG—Bennett, Ira W.
FORT BRANCH—Polk & Son
FORT WAYNE—Moellering, Wm., 53 Murray
Moellering, Wm. H. F.
FRANCESVILLE—Francesville Brick & Tile Co.
FRANCISCO—Stormont, W. H. & Sons
FRANKFORT—Hall, Jno.
FRANKLIN—Davis, Jas. F.
Halsted, E. O.
FREELANDVILLE—Hummerich, B.
Meyer, Chas.
FULTON—Swick & Co.
GREENE—Martin, O. & Son
GREENFIELD—Greenfield Brick Co.
Greenfield Brick Works
GREENSBURG—Isgrigg, W. H.
HARTFORD CITY—Meridith & Croninger (Tile)
Mock, Jos. F.
HOAGLAND—Small & Rhodes
HOBART—Kulage Brick & Tile Co.
HOMER—Arbuckle & Son
HOPE—Miller & Rominger
Stamm, R. D.
HUNTINGBURG—Bockting Bros.
Huntingburg Dry Press Brick Co.
INDIANAPOLIS—Adams Brick Co., Majestic bldg
Brill, John, Jr., 2580 Madison av
Cook & Blackwell, 910 Beecher
Eilering, Herman, Bethel nr Keystone avs
Indiana Paving Brick & Block Plant
Johnson, Jno. J., c Mass. & Peru avs
Luedemann, Herman, Southeastern av & Belt Ry
Magennis, Jas., Sherman Drive
Marion Brick Works, Majestic bldg
Meyers, Jno., 926 W 30th (N. I.)
Mueller, Chas. C., Perkins pike
Neuerbury, Leonard, E 10th nr Sherman drive
Nolting, Henry G. W., Sherman drive n P C. C. & St. L. R. R
Quack, Charles C., Prospect n Belt R. R. N.
Sheridan Brick Works, Majestic bldg
Sieg, Jacob, Alex. av n Sherman drive
Western Brick Co., Bldrs Ex
JASPER—Melchor, Nicholas
JEFFERSONVILLE—Jeffersonville Brick Co.
KENDALLVILLE—Dickinson, Frank E.
KOKOMO—Leach, J. M. & Co.
LAFAYETTE—May, Jacob & Sons
Star City Brick Co.
LAKE STATION—Cement Brick Co.
LAPEL—White, S. C.
LAWRENCEBURG—Mitchell Brick Co.
LEO—Conrad, Jno.
LINTON—Linton Brick Mfg. Co.
LOGANSPORT—Barnes, Jno. E. & Sons
LOWELL—Clark Mfg. Co.
MADISON—Ross & Kimmell
MARCO—Boker, W. E. & Bro.
MARION—Marion Brick Works
MARTINSVILLE—Adams Brick Co.
Clark, Jno. B.
MATTHEWS—Matthews Brick Co.
MELLOTT—Carpenter, Dan'l (Tile)
METZ—Gast & Shoemaker
MICHIGAN CITY—Ohlemacher Brick Co.
Roeske Bros.
MILLGROVE—Inman, Eli & W. A.
MONROE—Lewellen & Smith.
MONROE CITY—Bonewits, Peter
MONTEZUMA—Marion Brick Works
MONTMORENCI—Kneale, Henry (Tile)
MORAN—Thomas, Levi L.
MT. COMFORT—Taylor, A. R. (Tile)
MUNCIE—Bennett Brick Co.
Mock, J. D.
NEW ALBANY—Hoosier Brick Co.
NEW BURLINGTON—Chalfant, Geo.
NEW CASTLE—Newcastle Brick & Tile Co.
NEW RICHMOND—Lee, H. K. (Tile)
OAKVILLE—Holsinger, J. T.
OCKLEY—Hannell, Jos.
Stanton, A. T.
ODON—Smiley & Son
ORESTES—Powell, Jos. M. (Tile)
OSSIAN—Beaty & Doan
Rex, Jno. (Tile)
OWENSVILLE—Wilson & Mauck
PERU—Clifton, John & Son
Clifton-Ryan Mfg. & Construction Co.
PETERSBURGH—Read, Thomas
PITTSBORO—Dillon, R. L.
POINT ISABEL—Kelly, Wm. H.
PONETO—Cook, J. W.
PORTER—Chicago Hydraulic Pressed Brick Co.
PREBLE—Werling, David
PRINCETON—Mitchell & Watt
Read, W. H.
REMINGTON—Green & Bowman
RENSSELAER—Irwin, J. F. & Sons
RICHMOND—Mather Bros. Co.
Thistlethwaite, William C.
ROACHDALE—Rice, James A. & Son
ST. MEINRAD—St. Meinrad Brick & Tile Co.
SCOTTSBURGH—Wyman, D. W. & Son
SEYMOUR—Kasting, W. L.
SHELBYVILLE—Schoelch, Matthew
SHIRLEY—Houck, A. S.
SOEST—Trautman, Hy.
SOUTH BEND—South Bend Brick Co.
SPENCER—Wood, William Co.
STEAM CORNER—Booe, Jas. M. & Son
Furr, J. A.
TELL CITY—Dickman, A.
TERRE HAUTE—Bennett, J. & Sons, 1600 N 1st
Bergman, Wilbo, 1300 N 1st
Terra Haute Brick & Pipe Co., Opera House blk
Terra Haute Pressed Brick Co., 1500 N 1st
VALPARAISO—Covert & Clevinger (Tiles)
Lembke, Chas., & Co.
VINCENNES—Clarke, F. Brick Co.
Kixmiller, S., 63 Fairview av
Prullage, Jno. B.
WAKARUSA—Huntsberger, Christian
WALTON—Shaffer, Jno.
WASHINGTON—Brown, J. F. & Bro.
Kratz, Joseph
WINDFALL—Windfall Mfg. Co.
WOODBURN—Gehrig, J. W.
YOUNG AMERICA—Miller, Simmons & Todhunter

INDIAN TERRITORY.

ARDMORE—Cathey, Lee
PURCELL—Harris, George
SAPULPA—Sapulpa Pressed Brick Co.
SOUTH McALESTER—Choctaw Pressed Brick Co.

IOWA.

ADEL—Fenn, E. O.
Harris, S. J. & Co.
AFTON—Spencer, D. J.
ALGONA—Ostrum Bros.
ANAMOSA—Smith, B. F.
ATLANTIC—Jones, J. B.
BARNES—Wilson, Ollie & Co.
BLOCKTON—Watson, Miles E.
BLOOMFIELD—Clark, A. J.
BOONE—Boone Brick Tile & Paving Co.
BRIDGEWATER—Cass, C. H.
Lednum & Strang
BUFFALO—Davenport Paving Brick & Tile Co.
BURLINGTON—Granite Brick Co.
CEDAR RAPIDS—Stookey, D. W.
CENTREVILLE—Centreville Brick & Tile Co.
CLARINDA—Crabill, J. M.
COLUMBUS JUNCTION—Oakes, Geo. W.
COUNCIL BLUFFS—Besley, L. C.
Weaver, J. P., 815 7th av
Wickham, Jas. & O. P., 400 Franklin
Williams, Mark L., 123 W Broadway
CRESCO—Wheeler & Marshall
CRESTON—Tramp Bros.
DAVENPORT—Davenport Paving Brick & Tile Co.
DENISON—Green, Cornelius
DES MOINES—Brereton, W. H., 30th & Wabash R. R.
Capital City Brick & Pipe Co., S 9th
Close, B. S., 23d & Hickman av
Dale Brick Co., 5th cor Vine
Des Moines Brick & Tile Co., 4th & Hayes
Des Moines Co-operative Brick Co., cor 3d & Locust
Flint Brick & Coal Co., Equitable bldg
Fredregill, J. T., Scott & E 30th
Frost Pressed Brick Co., Good blk
Goodwin Tile & Brick Co., Mitchell av nr 18th, S D M

Iowa Brick Mfg. Co., Observatory bldg
Iowa Pipe & Tile Co., 4th & Hayes
Maine, Jas. & Sons Co., 119 8th
Merrill Brick Co., Bloomfield av nr C G W Ry Roundhouse, S D M
Shackelford Brick Co., nr Bloomfield Mine
Star Brick Yards, E of Winterset Ry
William Bros., N 6th av & Royer, H P
Woolsey Brick Co., 20th & Maury
DE SOTO—McKissick & Kiles
DE WITT—McKinney, Wm. E. & Co.
DIAGONAL—Diagonal Brick & Tile Co.
DOWS—Quasdorf, C. A.
DYSART—Dysart Brick & Tile Co.
EAGLEGROVE—Floyd, Jno. & Son
FAIRFIELD—Raney Bros.
FONDA—Straight Bros.
FORT DODGE—Bradshaw & Co.
Fort Dodge Brick & Tile Co.
Fort Dodge Clay Works
FREMONT—Dawson, J. & Co.
GARRISON—Dautremont & Gross
GLADBROOK—Gladbrook Pressed Brick & Tile Co.
GOLDFIELD—Conger, J. A.
GRAND JUNCTION—Goodwin Tile & Brick Co.
GRINNELL—McHose Bros.
GUTHRIE CENTER—Berry, W. E. & Son
HARLAN—Sorensen, Smith & Sorensen
HEDRICK—Heidenreich, F. W.
IDA GROVE—West, A. S.
IOWA CITY—Oakes Bros.
IOWA FALLS—Heidenreich, F. W.
KALO—Schnurr Bros.
KELLERTON—Kellerton Brick & Tile Co.
KELLEY—Stark, R. C.
KEOKUK—Buffalo Brick Co.
Spaan, Herman
KEOTA—Leacock, Sam'l K.
KNOXVILLE—King Bros.
LEHIGH—Corey Pressed Brick Co.
Lehigh Clay Works
LE MARS—Schaeffer Bros.
LIVINGSTON—Parker & Son
LOGAN—Van Scoy Bros.
LYNNVILLE—Newby & Macy
LYONS—Tallett, Jas.
MACEDONIA—Dye, W. & Co.
MALVERN—Stone, E. A.
MARSHALLTOWN—Anson Co.
MARTINSBURG—Harvey, U. R. & Son
MASON CITY—American Brick & Tile Co.
Mason City Brick & Tile Co.
Mason City Clay Works
MAXWELL—McHose, Chas. E.
MEDIAPOLIS—Johnson, A. H.
MUSCATINE—Muscatine Pressed Brick Co.
NEVADA—McHose, S. M.
NEW LONDON—Burkholder Bros.
NEWTON—Henning, Wm.
McAllister, David.
NORTH ENGLISH—Smith, E. J. & Sons
OAKLAND—Kinzey, D. B.
OSKALOOSA—Oskaloosa Paving Brick Co.
OTTUMWA—Ostdiek, H. B.
Ottumwa Brick & Construction Co.
PANORA—Pentecost, H. M.
POLK—Huy & Harman
PRESTON—Bemis, A. J.
REDFIELD—Goodwin, Robt., Jr.
RED OAK—Cook, R. E.
ROCK VALLEY—Kuehne, A. H.
SERGEANT BLUFFS—Holman, C. J. & Bro.
SHEFFIELD—Fox, E. P
SHELLSBURGH—Shannon, Samuel
SHENANDOAH—Rankin Bros.
SIDNEY—Carter, Samuel O.
SIOUX CITY—Iowa Cement Brick Co.
Riverside Brick Works
Sioux City Brick & Tile Works
Sioux Paving Brick Co.
STORM LAKE—Russell, J. M.
STUART—Piner, John
TABOR—Weatherhead, J.
TIPTON—Kettell, Geo. H.
TOLEDO—Wild, John & Son
VAN METER—Platt Pressed & Fire Brick Co.
VILLISCA—Villisca Brick & Tile Co.
VINTON—Aikley, David (Est. of)
WASHINGTON—Swift, E. A.
WATERLOO—Steads Bros. & Gunther
Waterloo & Cedar Falls Brick Co.
WAVERLY—Waverly Brick & Tile Co.
WAYLAND—Morris Brick, Tile & Lumber Co.
WAYNE—Brown Bros.
WEBSTER CITY—Webster City Brick & Tile Co.
WEST LIBERTY—Fuller, J. W.
WHAT CHEER—Bolton Bros.
WHEATLAND—Beenk, Frederick
WILLIAMSBURG—Williamsburg Brick & Tile Co.
WINFIELD—Pierce, L. B.
WOODBINE—Canfield & Cromie
Van Scoy, J. S.

KANSAS.

ATCHISON—Atchison Paving Brick Co.
CHERRYVALE—Cherryvale Pressed Brick Co.
COFFEYVILLE—Coffeyville Vitrified Brick & Tile Co.
COLUMBUS—Metzler, P. C.
EUREKA—Murphy James
HUMBOLDT—Humboldt Brick Mfg. Co.
INDEPENDENCE—Coffeyville Vitrified Brick & Tile Co.
IOLA—Iola Brick Co.
Star Brick Co.
KANSAS CITY—Dwyer Brick Co.
James, A. R. & Son, 349 Minn av
Kansas City Hydraulic Press Brick Co.
LAWRENCE—Lawrence Vitrified Brick & Tile Co
LEAVENWORTH—Pittsburg Vitrified Paving & Building Brick Co.
LINDSBORG—Swanson, A. J.
NEODESHA—Verdigris Valley Vitrified Brick & Tile Co.
PITTSBURG—Pittsburg Vitrified Paving & Building Brick Co.
SALINA—Salina Vitrified Brick Co.
SYCAMORE—Pittsburg Vitrified Paving & Building Brick Co.
TOPEKA—Capital City Vitrified Brick & Paving Co., 118 W 8th av
Topeka Brick Co.
VANCE—Gump, E. J., Pressed Brick Co.

KENTUCKY.

ASHLAND—Ashland Fire Brick Co.
Gates, J. J. & Co.
O'Kelly Brick Co.
BARDWELL—Bardwell Brick & Tile Co.
BOWLING GREEN—Phillips, Aaron
Taylor, Silas
CALHOUN—Richmond, Wm.
COVINGTON—Busse Brick Co.
Hoefkes, Herman, 15th & Licking River
Meier, A. & Co., ft of Wallace
FULTON—Bransford, G. H.
Hill & Bransford
HENDERSON—Farnsworth & Johnson
Kleymeyer & Klute
HOPKINSVILLE—Dalton Bros.
LEBANON—Goodin, R. L.
LIVERMORE—Quigg Mfg. Co.
LOUISVILLE—Clark, R. L., 29th & Bway
Harlammert Bros., 1726 W Ky
Hillenbrand, A. P., 1815 Rammers av
Hydraulic Brick Co., Todd bldg
Louisville Brick Co., 508 W Jeff
McCollum, J. P., Knapp, near Preston
Mayer, A. C., Tarascon av, W of 18th
Poehlein, Jno., 35th, nr B'way
MADISONVILLE—Hall, W. L.
MAYSVILLE—Maysville Brick Co.
NEWPORT—Derrick, Frank & Co.
Newport Pressed Brick Co.
Tippenhauer, Geo.
OWENSBORO—Owensboro Brick & Sewer Pipe Co.
Seven Hills Brick Co.
PADUCAH—Chamblin & Murray
Katterjohn, F. W. & Sons
PRINCETON—Castor, Chas.
Princeton Brick Co.
PROVIDENCE—Hicks, S.
RICHMOND—Rice, Samuel
WINCHESTER—Winchester Brick Works

LOUISIANA.

ABBEVILLE—Caldwell, V. L.
ALEXANDRIA—Adams, C. N.
BATON ROUGE—Baton Rouge Brickyard Co.
BREAUX BRIDGE—Broussard, G. A.
CLINTON—Empson, W. M.
CROWLEY—Crowley Brick Co.
Toler Bros. & Co.
DONALDSONVILLE—Cire & Esmeault
Wild & Bradford
FRANKLIN—Bodin, Eugene
Palfrey, G. D.
HAMMOND—Cate, C. E.
HOMER—Hamil, H. C.
INDEPENDANCE—Campbell, S. J.
JEANRETTE—Jeanrette Brick & Supply Co.
JENNINGS—Jennings Brick Co.
KENTWOOD—Kent, Amos Lumber & Brick Co.
LABADIEVILLE—Achec, Elphez
LAFAYETTE—Lafayette Brick & Tile Co.
LAKE CHARLES—Dunn, W. P. Brick & Supply Co.
MARKSVILLE—Marksville Brick Co.
Neck George & Son
MINDEN—Minden Brick Co.
MONROE—Herring A. J.
Monroe Brick Co.
NEW IBERIA—Emmer, Jno.
NEW ORLEANS—Louisiana Hydraulic Pressed Brick Co., 901 Willow
Mutual Brick & Supply Co., Hennen bldg
Port Vincent Brick & Lumber Co., 601 N Claiborne
Ruppel, Adam, 5340 Tchoupitoulas
St. Tammany Brick Co. (Ltd), 206 Baronne
Salmen Brick & Lumber Co., 1401 Julia
Slidell Brick Works, 311 Carondelet
Southwestern Brick & Tile Mfg. Co., 830 Canal
NEW ROADS—New Roads Brick Co.
PEARL RIVER—Schneider, P. W.
PONCHATOULA—Campbell, F. J.
SHREVEPORT—Bossier City Brick Co.
Luchini, C.
McCormick, W. B.
Shreveport Brick Co.
SLIDELL—Salmon Brick & Lumber Co.
Slidell Brick Works
TANGIPAHOA—Newson's M. S. Sons
Simonds, W. A.
THIBODAUX—Southern Investment Co.
WHITECASTLE—Whitecastle Brick Mfg. Co.

MAINE.

AUBURN—Dunn, Chas., 323 Wash'n
BANGOR—Hellier, W. S. & Co.
BATH—Reed, Nicholas Co.
BELFAST—Strout, Parish L.
BREWER—O'Brien, Hugh.
BRUNSWICK—Hacker, C. E.
EDGECOMB—Page, Cushman S.
Page, Daniel S.
ELIOT—Abbott, H. P. & Son
Morrill, Chas. W.
Raitt, Chas. A.
Raitt, John
Rowe, A. D.
Rowe, Alvin L.
LEWISTON—Leduc, N. & Co.
Libby, Horace, 544 Main
Pettingill, Geo. S., 535 Main
LISBON FALLS—Goddard, T. T.
MECHANICS FALLS—Mechanics Falls Brick Co.
NEW CASTLE—Bryant, Nathaniel
ORLAND—Gross, Fred. B.
Hutchins, A. W. & A. B.
PENOBSCOT—Leach, Otis
PITTSFIELD—Morrell, H. A.
SABATTUS—Libby Bros.
SACO—Marston & Durgin
SKOWHEGAN—Purington, Horace & Co.
TOPSHAM—Flagg, Cyrus
WATERVILLE—Procter & Bowie Co.
Purinton, H. & Co.
WESTBROOK—Hawkes Brick Works
WOODFORDS—Lucas, William

MARYLAND.

BALTIMORE—Adams, Michael, O'Donnell cor 17th, E
Baltimore Brick Co., Maryland Trust bldg
Baltimore Retort & Fire Brick Co. (Fire Brick), c Hull & Nicholson
Burns-Russell Co., 6 South
Champion Brick Co., 206 Courtland
Chesapeake Brick Co., Union Trust bldg
Dashields, Wm. W., Beason c Porter
Harman & Judik, Arlington
Potee Bros., Brooklyn A. A. Co.
Voyce, Chas., ft E Fort av
BUCKEYSTOWN—Thomas, C. H. & Son Brick Co.
CAMBRIDGE—Leonard, J. C.
CRISFIELD—Collins, George M.
CUMBERLAND—Queen City Brick & Tile Co.
Ridgley Bros.
FREDERICK—Frederick Brick Works
HAGERSTOWN—Henson Bros.
Pryor, James E. S.
HYNSON—Hubbert, Edw.
NORTH EAST—Greenhill Fire Brick Co.
POCOMOKE CITY—McMichael, Hugh
PRINCESS ANNE—Collins, Daniel
ROBERTS—Smith, R. J.
ST. MICHAEL'S—Hope, Clifton
SALISBURY—Peninsular Brick Co.
Salisbury Brick Co.
Wicomico Brick Co.
WILLIAMSPORT—Conochochegue Brick & Earthenware Co.

MASSACHUSETTS.

BELMONT—New England Brick Co.
BOSTON—Boston Brick Co., 166 Devonshire
BOSTON FIRE BRICK CO. (Geo. M. Fiske, Mgr.), 164 Devonshire, Boston, Mass. (See adv. index, end of book.)
Cook, E. L., 166 Devonshire
Day, E. F. & Co., 166 Devonshire
Dodge, C. A. & Co., 166 Devonshire
Edmester, E. B., 166 Devonshire
Emerson, Horatio B., 257 Washn
Fiske Brick Co. (also Paving & Sewer), 715 Devonshire
FREDENBURG & LOUNSBURY, Equitable bldg. (See adv. index, end of book)
New England Brick Co., 189 Devonshire
Parry Brick Co., 166 Devonshire
SAYRE & FISHER CO., 120 Tremont. (See adv. index, end of book.)
Spiers, Fish & Co., Equitable bldg
Thomas Bros., 9 Cornhill. Works, Turner's Falls Mass.
Washburn, D. & Sons, 166 Devonshire. Works, Everett, Mass.
BRIDGEWATER—Bridgewater Brick Co.
Cook, Ernest L., opp Conant, near R R
CAMBRIDGE—New England Brick Co., 324 Ridge av
DANVERS—Carr, Mrs. Edw.
Day, Edw. F.
Evans, M. F., Mrs.
Trask, A. W.
DEDHAM—Fisher-Churchill Co.
EAST BRIDGEWATER—Bernier, Zepherin (estate)
Trudeau, Wm., Westdale
EAST BROOKFIELD—Boucher, Ferd.
New England Brick Co.
EASTHAMPTON—Coyle, B. F. & Son
EVERETT—Washburn's, David Sons
FALL RIVER—Petty, Willard M., 8 Bedford
FITCHBURG—Goodrich, Edwin A., 99 Summer
GARDNER—Dyer, Geo. N.
GREENFIELD—Dyer, C. C.
N. E. Brick Co.
HANSON—House, Wallace
HAVERHILL—Savignac, Charles, Rosemont nr Main
Whitmore, Samuel M., Primrose, n Dustin sq
HOLYOKE—Holyoke Brick Co., 95 High
Lynch Bros. Brick Co., 206 High
Prew, Jno. J.
IPSWICH—Brown, C. E. & Son
Brown, J. A.
LANCASTER—New England Brick Co.
LENOX—Mahanna, William
LEOMINSTER—Osborne, William L.
Osborne, William L.
LYNN—Blakely, Geo. C., 31 Holyoke
Graham, Richard, off Holyoke
MANCHESTER—Martin, Israel
MEDFORD—Casey, Thomas
MIDDLEBORO—New England Brick Co.
MONTAGUE CITY—Burnham, A. C. & F. G. Mass. Brick Co.
NEWBURYPORT—N. E. Fire Proofing Co.
NORTH ADAMS—North Adams Brick Co.
NORTHAMPTON—Bailey, W. A.
Matthews, Avon C.
Matthews, Henry.
OTTER RIVER—Leathe, Chas. H.
PALMER—Marcy & Gardner
REVERE—Foster, George A.
SOUTHBRIDGE—Dresser, Julius S.
SPRINGFIELD—Brightwood Brick Co., 97 State
Curtis, D. J., 77 Everett
Hampden Brick Works, 283 Carew
Springfield Brick Co., 310 Main
Standard Brick Co., 310 Main
TAUNTON—N. E. Brick Co., 151 Winter
N. E. Brick Co., 151 Winter
Williams Brick Co., Williams ct
TURNER'S FALLS—Thomas, James H.
Thomas Bros.
WEST BARNSTABLE—West Barnstable Brick Co.
WESTFIELD—Westfield Brick Co.
WILLIMANSET—O'Connell, C. & J. J.
Phillips Bros., Gratton
WORCESTER—Boucher, Jos., 180 Plantation
Granite State Brick Co., 10 E Worcester
Paquette, Edmund, 178 Plantation

MICHIGAN.

ADRIAN—Swords, Edwin C.
ATLAS—Gale, P. W.
AVOCA—Large, Chas.
AZALIA—Meyers Bros.
BANGOR—Stewart, James
BATTLE CREEK—Adams, Jaspar
BENTON HARBOR—Benton Harbor Brick & Tile Co.
BIG RAPIDS—Vander Heyden, W. H.
BIRMINGHAM—Birmingham Brick & Tile Co.
BRIDGEPORT—Westfall, John
BRITTON—Kniffen, J. L. & Co.
BROWN CITY—Large, Jno.
BUCHANAN—Blodgett & Blodgett
CADILLAC—Wilcox Bros.
CAMDEN—Smith, John
CASS CITY—Cass City Brick & Tile Co.
Hall, Charles
CHARLOTTE—Chappell, Chas. E.
CHEBOYGAN—Warren, Alice A.
CLIFFORD—Ballard, O. L. & Co.
CLIO—Oliff, Thos.
DAVIS—Gass & Miller.
DAVISON—Uptegraff Bros.
DEARBORN—Wagner, A. & Son
DECKERVILLE—Wyers, R. & Son
DEERFIELD—Atkin, Wm. T., Jr.
DETROIT—American Pressed Brick Co., Union Trust bldg
Boomer, I. E., Forest av & D G H & M Ry
Burke, Dennis, w s Griffith av nr Mich av
Burns & O'Shea Brick Co., M. C. R. R. Junction Yards
Campau, Alex. M., Lonyo av & M C R R
Clippert, Geo. H. & Bro., 12 Peninsular Bank bldg
Daniel, Jacob & Bro. Brick Co., 40 Fort W
Detroit Brick & Terra Cotta Co., 171 Griswold
Detroit Red Pressed Brick Co., Hammond bldg
Downey, Michael, Martin rd & Mich av
Dysarz, Hass & Sztuba, Mich av near Griffith av
Genet Co., 235 Military av
Haggerty, L. D. & Son, n s Mich. av. e of F. & P. M. R. R.
Hall Brick Co., 925 Hammond bldg
Heames, W. E. & Co. (Fire), 75 Woodbridge W
Holmes, F. B. & Co., 406 Hammond bldg
Larkins Brick Co., Cleland bldg
Lonyo Brick Co., Cleland bldg
Lonyo Bros., Mich av cor Lonyo rd
McDonald, J. C. & Son, Hammond bldg
Porath Bros., Mich av & P M R R
Pratt, Stephen, Beecher av and M C R R
Proctor, Wm. H., 15 Fort, W
Schneider Brick Co., 605 Dix av
Standard Brick Co., Hammond bldg
Standard Shale Brick Co., Abbott cor 1st
Trombley, A. C., cor Ackley av & Gratiot av
Warren Brick & Tile Works, Hammond bldg
Wolf, F. H. Brick Co., 23 McGraw bldg
Wolf & Dei Brick Co., M C R R & Central av
DUFFIELD—Duffield Brick & Tile Co.
Midlesworth, J. J.
ELKTON—Haist, Fred'k
FLINT—Zimmerman, John C.
GAYLORD—Gaylord Brick Co.
GRAND BLANC—Brick & Drain Tile Co.
GRAND RAPIDS—Collins Brick Co., 56 Pearl
Eureka Brick Co., S Market nr Rathbun pl
Grand Rapids Brick Co., 19 Lyon
Grand Rapids Brick Association, 103 Monroe
Grand Rapids Consol. Brick & Tiling Co., c Innes av & N Fuller
Michigan Brick Co., 470 S Division
HARBOR BEACH—Binkle, Philip
HOLLAND—Holland Brick Co.
HOLTON—Holton Brick Co.
IONIA—Vander Heyden, Fred H.
ITHACA—Gibbs, D. C.
JACKSON—Adler Brick Co.
JASPER—Cone Bros.
LANSING—Clippert, Spaulding & Co., n s Mich av, 2 m e Capitol
LAPEER—White, Robert A.
MANISTIQUE—White Marble Lime Co.
MARINE CITY—Decker, Rudolph
MASON—Barker, W. C.
MAYBEE—Herkimer & Linerfelser.
MIDLAND—Midland Brick & Tile Co.
MILFORD—Oliff, Thos.
MINDEN CITY—Webber, Chas. H.
MONTROSE—Hoffman & Co.
MT. CLEMENS—Hacker, Frank G.
Kath, Charles
Mt. Clemens Brick & Tile Co.
MUSKEGON—Holton Brick Co.
NEW BALTIMORE—Streit, Andrew
NEW HAVEN—Randall, James
NORTH AURELIUS—Bullen Bros.
OWOSSO—Frieseke, J. & H.
Parker, Miles L.
PETOSKEY—Grimes, L. J.
PONTIAC—Osmun, Wm. H., Jr.
REDFORD—Burgess, H. P.
REED CITY—Jaehnig, Wm.
SAGINAW—Saginaw Paving Brick Co.
Saginaw Pressed Brick Co.
Saginaw Sandstone Brick Co.
ST. CLAIR—Belknap & Phillips
Sheldon, Chas.
ST. JOHNS—Pulfrey & Pouch
ST. LOUIS—Smith, W. H. H. & Sons
SARANAC—Brown, Albert
SEBEWAING—Reinhold, Ernst
SPARTA—Sparta Brick & Tiling Co.
TRAVERSE CITY—Markham, J. W.
VASSAR—Vassar Brick & Tile Co.
VICKSBURG—Clapp Bros.
VULCAN—Vulcan Brick Works
WEST END—Dysarz, Hass & Sztuba
WILLIAMS—Shields, Patrick
YALE—Merrill, Jno. H.

MINNESOTA.

ADA—Matthews, W. H. & E. L.
AKELY—Moore Bros. & Co.
ALBERT LEA—Rushfeldt, M. S.
ARLINGTON—Wilde, Jos.
AUSTIN—Barr, E.
BLAKELY—Blakely Brick & Terra Cotta Co.
BRAINERD—Koop, J. W.
BRICKTON—Farnham Brick Co.
Kuhn Bros.
Princeton Brick Co.
Woodcock & Oates.
BROWERVILLE—St. Anthony, N.
BYRON—Kendall, J. B.
CARVER—Ablin Bros.
CHASKA—Burkhart Bros.
Greiner & Corning.
Klein, C. H. Brick Co.
Riedele & Casper
Strobach, Faber & Co.
CROOKSTON—Crookston Brick & Tile Co.
DAYTON—Vasser, Joseph
DRESBACH—Sherwood & Johnson
FARIBAULT—Kaul, E.
FERTILE—Fertile Brick & Tile Co.
FRIDLEY—Swanson, C. J.
HENDERSON—Schwartz, Reinert
HERON LAKE—Ochs, A. C.
JACKSON—Jackson Brickyard Co.
JORDAN—Small, Robt.
LITTLE FALLS—Duclos, O.
Spraudel, C. A.
MANKATO—Fowler & Pay
Jefferson, Adam
North Mankato Brick Co.
Spraudel, C. A.
MINNEAPOLIS—Bower, John S., 34th av, N & Marshall
Flour City Brick Co., 35th av, N & marshall
Higgins Brick Co., 4730 Lyndale av. N
Jagger, Mrs. J. M., 3420 Marshall
Johnson, Frank A., 5008 N Lyndale av
Johnson, S. G., Lyndale av N & 51st av N
Kelley Brick & Tile Co., 10 N 3d
Kenmare Hard Coal Co.
Martin Brick Co., 504 Hennepin av
Menomonee Hydraulic Press Brick Co. (Also Pressed Front), 10 N 3d
Northwestern Fire Proofing Works, 112 Kasota bldg
Riedele & Davis, 247 Hennepin av
Vogt & Benson, Kasota blk
Wiethoff, Wm., Lyndale & 51st avs
Wisconsin Red Pressed Brick Co., 409 Hennepin av
MOORHEAD—Lamb, Jno.
MORTON—Morton Brick & Tile Co.
NEW PAYNESVILLE—Ames, Henry & Son
NEW ULM—Aufderhede, Fred
NORTHFIELD—Northfield Brick Co.
PERHAM—Haut, Gustave
PRINCETON—Farnham Brick Co.
RED LAKE FALLS—Schmitz, Mary K.
ROCHESTER—Whitcomb, Edward
RUSH CITY—Rush City Brick Co.
ST. AUGUSTA—Beumer, C. H.
Hess, Hy.
ST. CLOUD—Hess & Moog
ST. PAUL—Gerber & Lorens, Dale cor Maryland
Greiner & Corning, Germania Life bldg
LAWES, G. H. & CO. (Mfrs.' Agents), Gilfillan bldg. (See adv. index, end of book)
Minnesota Clay Co., Germania Life bldg
Twin City Brick Co., Manhattan bldg

SAUK CENTER—Pangburn, David
SHAKOPEE—Schroeder, Brick Mfg. & Merc. Co. (Capacity 5,000,000 per annum)
SLEEPY EYE—McBain, Hugh
SPRINGFIELD—Ochs, A. C.
STAPLES—Goulet, F. X.
STILLWATER—Muller, Mrs. Wm.
THOMSON—St. Louis River Slate Brick Co.
WARREN—Lundgren August
WINDOM—Windom Brick & Tile Co.
WINNEBAGO CITY—Winnebago City Brick & Tile Co.
WINONA—Biesanz, Philip
Voelker & Graff
WRENSHALL—Duclos, O.
Enterprise Brick Co.
Habhagger, Fred.
Ginniss Brick Co.
Kelley Brick & Tile Co.
Wrenshall Brick Co.

MISSISSIPPI.

CANTON—Smith, Carroll
CLARKSDALE—Reinhart, A.
COLUMBUS—Columbus Brick Co.
GRENADA—Bledsee, O. F., Sr.
Grenada Brick Co.
HATTIESBURG—Crymes, T. P.
HOLLY SPRINGS—Holly Springs Stoneware & Fire Brick Mfrs.
JACKSON—Bullard Brick Co.
Taylor, W. B.
KOSCIUSKO—Storer & Jones
LAUREL—Laurel Brick & Tile Co.
McHENRY—McHenry Brick Co.
MERIDAN—Hoover, Benj.
NATCHEZ—Natchez Brick Mfg. Co.
OKOLONA—Hawkins & Hodges.
OSYKA—Neff & Owen
PORT GIBSON—Port Gibson Brick & Mfg. Co.
TUPELO—Triplett, John
Wilson & Robins
VICKSBURG—Beck, Jno. W.
Gregory, Thompson S.
WINONA—Winona Brick & Tile Co.
YAZOO CITY—Montgomery Land Co.

MISSOURI.

ALMA—Neimann, G.
BLOOMFIELD—Hinze, Albert
BOLIVAR—Viles, Richard B. & Co.
BOONVILLE—Boonville Vitrified Brick & Tiling Co.
BOWLING GREEN—Sisson, H. W.
BRAYMER—McCubbin, Wm.
BRECKENRIDGE—McCubbin Bros.
BROWNING—Peters, C. W. & G. F.
BRUNSWICK—Brunswick Brick & Tile Co.
CAMPBELL—Moore & Walters
CAPE GIRARDEAU—Daues, A. W. & Bro.
Klages, Christ
CARROLLTON—Harding, L. A.
CARTHAGE—Wheeler, I. C.
CARUTHERSVILLE—Caruthersville Brick Co.
CONCORDIA—Bosselman, Hy.
CREIGHTON—Creighton Clay Co.
DE SOTO—Herman, Otto
FESTUS—Miller, Chas. E.
FREDRICKTOWN—Fredricktown Brick Co.
FULTON—Fulton Fire Brick C.o
GLASGOW—Burdie & Bro.
GREEN CITY—Myers Bros.
HANNIBAL—Hannibal Press Brick Co.
HERMANN—Vallet, Fritz
HIGGINSVILLE—Canterbury Bros.
HUMANSVILLE—Humansville Shale Brick Co.
INDEPENDENCE—Randall, W. M.
JACKSON—Kasten, Rudolph C.
JEFFERSON CITY—Fay Brick Co.
Jefferson City Brick Co.
KAHOKA—Easton, T. J., & Sons
KANSAS CITY—Consolidated Brick Co., American Bank bldg
Dickey, W. S., Clay Mfg. Co., N. Y. Life bldg
Flanagan Bros. Co., Lydia, cor 2nd
Gump, E. J., Pressed Brick Co., 821 Main
Kansas City Hydraulic Press Brick Co., 206 Postal Tel. bldg
Kansas City Paving Brick & Tile Co., K & P bldg
Pittsburg Vitrified Paving & Building Brick Co., Mass bldg
Schrage, Hy., 600 E 2nd
Rosedale Brick Co., 31st, cor Wyoming
Shinnick & Massman, cor. 4th & Lydia
Stukenberg Pressed Brick Co., 31st & Wyoming
KIRKSVILLE—Ivie, J. M.
KNOBNOSTOR—Boyd, T. H. & Son
KOELTZTOWN—Sandboth, Henry
LAKEVIEW—Ray County Coal & Brick & Tile Co.
LEXINGTON—Lexington Triumph Press Brick Co
MEMPHIS—Meyers, Geo. T.
MEXICO—Harrison Brick Mfg. Co.
MILAN—Grear, H. & Sons
MOBERLY—Moberly Brick Tiling & Earthenware Co.
Tuttle, J. Frank
NEVADA—Daly, J. A.
Mims, Jno.
PERRYVILLE—Popp, John C.
ROCKPORT—West, Jos.
ST. CHARLES—St. Charles Brick Co.
ST. JOSEPH—Benkendorf Brick Co., 408 Felix
Friede & Bode, 17th & Grand av
Phoenix Brick & Construction Co., King Hill av
St. Joseph Pressed Brick Co., 19th & Garfield av
ST. LOUIS—American Hydraulic Press Brick Co., 705 Olive
American Press Brick Co., 6500 Easton av
Brockschmitt Bros., 6533 Manchester av Gravols
Christy Fire Clay Co., Morgan Ford rd & Gravois av
Cleveland Hydraulic Pressed Brick Co., 705 Olive
College Hill Press Brick Co., 1400 College av nr Bway
Consumers' Brick & Quarry Co., 7208 Pa av
Continental Brick Co., 202 N 9th
Eastern Hydraulic Press Brick Co., 705 Olive
Evens & Howard Firebrick Co., 920 Market
Gaffney, John, Sr.
General Perannite Co., 3850 Chouteau av
Gillick Bros., 7925 Minn av
Hydraulic Press Brick Co., 705 Olive
Illinois Hydraulic P. B. Co., 936 N 1st
Illinois Supply & Construction Co., 318 N 8th
Ittner, Anthony Brick Co., Odd Fellows bldg
Laclede Fire Brick Mfg. Co., Manchester & Sulphur avs
McEwing & Thomas, 202 N 9th
McNell Press Brick Co., Chemical bldg
Menomonie Hydraulic Press Brick Co., 705 Olive
Missouri Fire Brick Co., 411 Olive
Mitchell Clay Mfg. Co., 5625 Manchester av
Ohio Pressed Brick Co., 705 Olive
Progress Press Brick & Machine Co., 3207 King's Highway
St. Louis Cement Brick Mfg. Co., 801 Chestnut
St. Louis Clay Burning Co., Carleton bldg
St. Louis Press Brick Co., Cass av & Collins
St. Louis Vitrified & Fire Brick Co., 105 N 7th
Sanders Press Brick Co., Macklind & Bischoff av
Schweer, H. H. Brick Co., 4300 S Bway
Superior Press Brick Co., 3190 S King's Highway
Thomas Brick & Clay Co., 202 N 9th
Union Press Brick Works, 705 Olive
Washington Hydraulic Press Brick Co., 705 Olive
Winkle Terra Cotta Co., 313 N 9th
SARCOXIE—Gangler, W. R.
WASHINGTON—Hollman, Henry C.
WEBB CITY—Merrill, H. M.
WINFIELD—Magruder, B. E.

MONTANA.

ANACONDA—Anaconda Copper Mining Co.
BOZEMAN—Brown, J. N.
HAVRE—Gussenhaven, Jos.
HELENA—Kessler Brick & Sewer Pipe Co.
MISSOULA—Missoula Brick & Cement Co.

NEBRASKA.

ALBION—Parker, J. H.
ALLIANCE—Alliance Press Brick Co.
ARLINGTON—Brinkman, Fred.
AUBURN—Horrum, W. H.
AURORA—Wood Bros.
BEATRICE—Beatrice Brick Works
BEEMER—Buhk, Henry
DAVID CITY—Bushell, W. H.
DODGE—Numedy & Uher
GRAND ISLAND—Schmidt, Louis
HASTINGS—Hastings Brick Co.
Polenske, Shellak & Co.
Western Brick Co.
HOLDREDGE—Johnson, Morten & Co.
HOOPER—Builders Brick Mfg. Co.
KEARNEY—Hibberd Brick Co.
LINCOLN—Klose, C. & Bro.
Yankee Hill Brick & Paving Co.
LOUP—Ohlsen Bros.
MADISON—Kaul, Carl F.
NEBRASKA CITY—Nebraska City Vitrified Brick Co.
NELIGH—Brenton, T. H.
NORFOLK—Gerecke, Herman
OMAHA—Omaha Hydraulic Press Brick Co.
Withnell Bros. & Smith Co.
OSCEOLA—Snell, S. S.
PLATTSMOUTH—Plattsmouth Brick and Terra Cotta Mfg. Co.
PONCA—Nelson, J. P. & D. J.
RED CLOUD—Ludlow Bros.
SEWARD—Wooley, F. R.
Worthman, William
SOUTH OMAHA—Kritenbrink, J. H.
STROMSBURG—Stromsburg Brick Co.
Stromsburg Pressed Brick & Tile Co.
TABLE ROCK—Table Rock, Clay Co.
WAHOO—Schmidt, Marcus
WATERLOO—Hollister, A.
WAYNE—Lewis, Jno., Jr.
Sherbahn, J. F.
YORK—Ittner, Jno.

NEVADA.

RENO—Reno Pressed Brick Co.

NEW HAMPSHIRE.

CONCORD—Holt, Samuel, Turnpike n Allistor
Trudell, Jos.
DOVER—Chesley, Chas. P.
Fiske Brick Co. (also Paving & Sewer)
Gage, Elbridge
Lucas, Isaac
Morang & Henderson
Pearl, Thomas
Pinkham, J. E.
Roberts, F. H.
EPPING—New England Brick Co.
Proul, Joseph
Rundlett, George S. & Son
Star Brick Co.
GONIC—Lanolx & Larose
New England Brick Co.
Spiers-Fish Co.
HOOKSETT—Head, W. F. & Son
KEENE—Ball's, Geo. W. Son
LEBANON—Densmore, Jason
ROCHESTER—Elliott Bros.
SUNCOOK—Sargent, Warren
Simpson, Geo. N.
THE WEIRS—Morrison, Wm. J.
WESTVILLE—Donocour, Geo.
WOODSVILLE—Lamarre Bros.

NEW JERSEY.

ASBURY PARK—Drummond Bros.
BELLE PLAIN—Greenlee, Richard
BORDENTOWN—Bordentown Brick Co.
Shreve, W. A.
BRIDGETON—Clayville Mining & Brick Co.
BROWN MILLS—Pittman, Chas. H.
CAMDEN—City Line Brick Works
Hatch, Hugh
Reeve, Augustus
CLIFFWOOD—Cliffwood Brick Co.
Gaston, A.
Kinkele-Minzer Co.
COLLINGSWOOD—Dobbs, Jas. C.
CROSSWICKS—Braislin Fire Proofing Co.
EDGEWATER PARK—Adams, Henry C.
FARMINGDALE—Lippencott, Edwin
HACKENSACK—Gardner, M. B. & L. B.
Gardner, M. & I. E.
Gillies, J. W.
Schmults, Edward
Walsh, Chas. E.
HIGHTSTOWN—Reed, B. H. & Bro.
JERSEY CITY—Gautier, J. H. & Co., Essex & Green
KINGSLAND—Kingsland Brick Co.
KINKORA—Dobbins, Murrell

LITTLE FERRY—Felter, I. & W.
Mehrhoff Brick Co.
Mehrhoff, N. & Co.
MAPLE SHADE—Reeve, Augustus
Sauselein, Theo.
MATAWAN—Close, Wm. A. Trading & Mfg. Co.
Gaston, Alex.
N. J. Brick & Tile Co.
MAURER—**MAURER, HENRY & SON.** (See adv. inside front cover)
MAYS LANDING—Atlantic Brick Mfg. Co.
MILLVILLE—Bircham, A. E.
Hess, L. M.
MT. HOLLY—Dubell, Furman
MOUNTAIN VIEW—Oschwald & Ulrich
NEWARK—Blanchard, W. W., 763 Broad
Blue Ridge Enameled Brick Co., 763 Broad
Carrollton Granite Brick Co., 810 Broad
Pratt, F. R., 763 Broad
Sayre, Jas. R., Jr., & Co. (wholesale dealers), River, N. Central St. Depot
Standard Brick Co., 492 Broad
NEW BRUNSWICK—Pettit & Co.
NEWTON—Losey, F. E.
PERTH AMBOY—Federal Clay Mfg. Co.
SAYREVILLE—Furman, Edward Co.
SAYRE & FISHER CO. (Hard Building). (See adv. front inside cover)
SOUTH AMBOY—Furman, A. H.
SOUTH RIVER—Bissett, Jas.
National Pyrogranite Co.
Pettitt & Co.
Pettitt & Cook Co.
Willett, Sarah J.
Yates Bros.
TRENTON—Applegate & Co., Pennington av
Donahue & Nolan, Kirkbride av
Drake, R. M. & Co., May & Beakes
Feil & Roberts, 501 Calhoun
Heath, J. F., Princeton av
Kafer, H. C. & Co., Princeton av
Mercer Fire Brick Works, Calhoun st
Trenton Fire Brick Co.
TRENTON, R. F. B. Works, Princeton av
VINELAND—Hobart, J. A.
WINSLOW—Eastern Hydraulic Pressed Brick Co.
WHIPPANY—Hanover Brick Co.
YORKTOWN—Haines, David F.

NEW MEXICO.

SILVER CITY—Schneider, Christian

NEW YORK.

ALBANY—Hunter, Alfred & Son, 54 Van Woert
Jackson, John H. (pressed), 92 3d av
Moore, J. C. & Babcock, Morton & So Hawk
Newton Firebrick Co. (Inc.), Rathbone, on R & S R R
Smith, Edw. J., Morton c Engle
ALFRED—Alfred Clay Co.
ARLINGTON—Flagler & Allen
Haight, Wm. H.
ATHENS—Rider, Wm. W., Jr.
ATTICA—Attica Brick & Tile Co.
BEMUS HEIGHTS—Ensign, Geo. A. (& Tile)
BINGHAMTON—Brandt Clay Product Co., Strong blk
Ogden Brick Co., 78 Courtyard Bevier
Wells & Brigham, 118 Wash'n
BROCKWAY—Bourne, C. Clayton
Brockway Brick Co.
Dinan, Thos.
Lahey, Wm.
O'Brien & Vaughey
Paye, Jno.
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Bender, Henry, 40 Jones
Berrick, Chas. Sons, 1445 Clinton
Buffalo Clay Mfg. Co., 41 Franklin
Dietschler, Henry & Sons, Weiss cor Clinton
Haake, Fred. W. & Son., 1472 Clinton
Hall & Sons, 69 Tonawanda
Jewettville Press & Paving Brick Co., Builders Exch
Lancaster Brick & Tile Co., Builders' Ex
Lyth, Jno. & Sons, 48 W. Eagle
Queen City Brick Co., Builders' Exch
Schmidt, Geo. W., 699 Bailey av
CANANDAIGUA—Hollis, A. M. Co.
New York Hydraulic Pressed Brick Co.
CARTHAGE—Wrape & Peck
CATSKILL—Golden, Percival
Washburn, G. W. & Co.
COEYMANS—Corwin & McCollough
Sutton & Sinsapaugh
Sutton & Suderly Brick Co.
CORNING—Brick Terra Cotta & Supply Co.
CORNWALL ON HUDSON—Hedges Brick Co.
Brick Co. ("Colbaugh")
COXSACKIE—Fitzgerald & Sons
CRESCENT—Mansfield, W. K.
CROTON-ON-HUDSON—Underhill, W. A., Brick Co.
DUNKIRK—Hilton, Walter E.
Hilton, Walter E.
DUTCHESS JUNCTION—Aldridge Brick Co.
Bourne & Covert Brick Co.
Budd, W. D. Brick Co.
Hammond & Freeman
McNamara, Jno. S.
EAST KINGSTON—Brigham Bros.
Hendricks, Clarence P.
Terry Bros. Co.
Wasburn, U. F. & J. T.
EAST WILLISTON—Post, W. & J.
ELMIRA—Elmira Shale Brick Co.
FARMINGDALE—Queen's Co. Brick Mfg. Co.
FAR ROCKAWAY—(See New York City, Borough of Queens)
FISHKILL ON THE HUDSON—Brockway Bros. Co.
Bourne, C. C.
Denning Point Brick Co.
FLORIDA—Vernon, M. H.
GARDENVILLE—Bender, Henry
GENEVA—DeLamater, Wm.
Dove, W. G.
GLASCO—Maginnis, Wm. Co.
Washburn Bros. Co.
GLOVERSVILLE—Stoutner, A.
GOSHEN—Decker, Wm. F.
GOUVERNEUR—Smith & Anthony
GRASSY POINT—Morrissey & Co.
Washburn, M. F. & L. H.
GREEN BRIDGE—(See New York City, Borough of Richmond)
HAVERSTRAW—Allison, B. J. & Co.
Allison & Wood
Bennett, Wm. (Est. of)
De Noyelles & Co.
Excelsior Brick Co.
Fowler, D. & Son
Fowler, D. Jr. & Co.
Garner Brick Works
Goldrick, Philip
Haverstraw Clay & Brick Co.
Levy & O'Brien
Lynch Bros.
McGuire, Terence
Malley, Wm.
Nicholson & Reilley
Nicholson & Sons
Peck, T. G. & Co.
Peck, T. G. & G. H.
Renn, E. N. & Co.
Shankey, Thos & Son
Snedeker Bros.
Washburn & Co.
Washburn & Fowler
Wood & Allison
HOOSICK FALLS—Dolan, John, 30 River rd
HORNELLSVILLE—Preston Brick Co.
HORSEHEADS—Elmira Shale Brick Co.
HUDSON—Arkison Bros.
Bartlett, Fred'k W.
JAMESTOWN—Jamestown, Shale Paving Brick Co.
Morley, C. A. & Co.
JOHNSTOWN—Kilmer, Robert M.
KINGSTON—Hutton Co., 221 E Strand
Shultz, Chas. A. (Est. of)
Terry Bros. Co.
KIRKVILLE—Kirkville Brick Co.
KREISCHERVILLE—(See New York City, Borough of Richmond)
LANCASTER—Lancaster Brick Co.
McCutcheon, C. H.
LANSINGBURGH—(See Troy)
LESTERSHIRE—Wells & Brigham
LITTLE NECK—(See New York City, Borough of Queens)
LOCKPORT—Mossell, Aaron
MECHANICSVILLE—Cary Brick Co.
Champlain Brick Co.
New England Brick Co.
MIDDLE GRANVILLE—Pepper, Hamilton (Est of)
MONTROSE—Bellefeuille, E. D.
Morton, John
NEW BRIGHTON—(See New York City, Borough of Richmond)
NEWBURGH—Bourne, C. Clayton
NEWBURGH—Denning's Point Brick Co.
Hotaling, Jno. M.
Lahey, Wm.

NEW YORK CITY.

Boroughs of Manhattan & Bronx.

NEW YORK—Blake, Frank L. (Dealers) 156 5th av
Bonner Brick Co. (Shamrock Brick), 17 Battery pl
Bourne, C. Clayton (Dealer), ft. W 52d
Brigham, Henry R. (Dealer), 19 Whitehall
CARTER, BLACK & AYERS (Mfrs'. Agents), 1 Madison av (See adv. index, end of book.)
Chestnut Ridge White Brick Co. (Dealers) 121 W 42d
Dean, Caspar W. (Dealer), 136 Liberty
Empire Brick & Supply Co. (Dealers), 874 B'way
Fisher, Wm. F. & Co. (Dealers), 99 Nassau
FLEMING & CO. (Dealers), 123 Liberty (See adv. index, end of book.)
FREDENBURG & LOUNSBURY (Mfrs.' Agents), 289 4th av. (See adv. index, end of book)
Garden City Brick Co., 52 Wall
Hammond, Wm. K. (Mfrs.' Agt.), 628 W 52d
Harris Brick Co., 27 Gt. Jones
Huennekes, H. & Co. (Dealers), 114 Liberty
Jova, Henry J. (Dealer), 628 W 52d
Kinsland Brick Co., 1133 Bway
Kock, Chas. (Dealer), 54 Union sq E
Loog, Kissam & Co. (Dealers), 401 E. 91st
Main, Robt. (Dealer), 641 W 51st
Martin, Robt. C. & Son, 156 5th av
MAURER, HENRY & SON, 420 E 23d. (See adv. front inside cover)
Miller, Clifford L. & Co. (Dealers), 125 E 23d
Mooney, T. J., 403 E 23d
N. Y. Brick & Paving Co. (Dealers), Webster av c E 198th
Ohio Mining & Mfg. Co., 96 Wall
Overbaugh-Camp Co. (Dealers), Morris Hgts & Kingsb'dge rd
Person, Orin D. (Mfrs.' Agt.), 160 5th av
Pfotenhauer & Nesbit (Mfrs Agts), 1133 B'way
Philbrick, Jno. A. & Bro. (Dealers), ft E 97th
Reveley & Emmons (Mfrs Agts), 643 W 52d
Rose, Jno. B. Co. (Dealers), 624 W 52d
Samson Brick Co., Fuller bldg
SAYRE & FISHER CO., (Hard Building), 207 Bway. (See adv. front inside cover.)
THOMAS, E. H. (Mfrs Agt), 1123 B'way
Underhill, W. A. Brick Co. ("Colbaugh"), 7 E 42d

Borough of Richmond.

GREEN RIDGE—Dunn & Dolan
Richmond Brick Co.

(END OF NEW YORK CITY.)

NIAGARA FALLS—Frontier Brick Works
OGDENSBURG—Page, A. A. & Co.
OLEAN—McMurray, J. C. & A.
PEEKSKILL—Horton, Stephen D.
PLATTSBURG—Gilliland & Day
ROCHESTER—Flower City Brick Co., Powers bldg
New York Hydraulic Pressed Brick Co., 27 St. Paul
Rochester Brick & Tile Mfg. Co., 243 Powers bldg
Rochester German Brick & Tile Co., 279 South av
RONDOUT—(See Kingston)
ROME—Parry, W. W.
ROSSVILLE—(See New York City, Borough of Richmond)
SAG HARBOR—Sag Harbor Brick Works
SANDY HILL—Sandy Hill Brick Co.
SANGERFIELD—Havens, P. B. & Son
SCHENECTADY—Case, Sherman A.
STONY POINT—Dunnigan, Mrs. Frank
Heitlinger, John
Reilly & Clark
Reilly & Rose
SYRACUSE—Merrick, C. & L., 1008 S Salina
New York Brick & Paving Co., 204 S A & K bldg
Onondaga Vitrified Brick Co.
Pack, Geo. W. & Son
Paragon Plaster Co. (wholesale dealers), 110 N Warren
Dufresne, Louis, Archibald nr Oakwood av

TONAWANDA—Tonawanda Brick Co.
TROY—Demers, Jno.
Dufresne, Louis
Ferguson Brick Co., Hoosick n 15th
Painton, Chas. R., Head of House av
Troy Brick Co., 301 River
UNION—Nanticoke Brick & Tile Co.
UTICA—Weaver's, Geo. F. Sons Co., 237 Bleeker
VERPLANCK—Bonner Brick Co.
Hudson River Brick Mfg. Co.
WATERTOWN—Watertown Pressed Brick Co., 240 Main
Watertown Sand Brick Co., 6 Factory

NORTH CAROLINA.

ASHEVILLE—Asheville Brick Works Co.
Asheville Brick & Tile Co.
Hildebrand, David
BURLINGTON—Bryan, J. A., Jr.
Kirkpatrick Bros.
CHARLOTTE—Charlotte Brick Co.
Phifer, W. W.
Shuman, F. W. Bros.
CONCORD—Brown, R. A.
DURHAM—Fitzgerald, R. B.
Holder & Cheek
Mangum, T. J.
Max Brick & Tile Co.
Teer, G. W.
EDENTON—Edenton Brick Works
ELIZABETH CITY—Elizabeth City Brick Wks.
Thompson Brick Works
ELKIN—Poindexter & Madison
FAYETTEVILLE—Poe, E. A.
GASTONIA—Woolen & Robinson
GOLDSBORO—Grant, H. L.
GREENSBORO—Kirkpatrick, D. A.
Watson, W. A., Sr.
HAWRIVER—Trolinger, Jno. A.
KINSTON—Kinston, Clark Brick Tile Co.
NEW BERN—Enterprise Brick & Tile Mfg. Co.
RALEIGH—Raleigh Brick Co.
REIDSVILLE—Robinson, J.
WADESBORO—Brassington. W. T. & J. W.
WAYNESVILLE—Waynesville Brick Co.
WELDON—Chockoyotte Brick Co.
Weldon Brick & Land Improvement Co.
WILMINGTON—Hydraulic White Brick Co.
Moore, Roger Sons & Co., 104 N Water
WILSON—Lucas, Silas
WINSTON SALEM—Hedgecock, R. W.
Winston Brick & Tile Co.

NORTH DAKOTA.

BISMARCK—Johnson. Ole (Tile)
BOTTINEAU—Hall, Wm.
DICKINSON—Dickinson Fire & Pressed Brick Co.
FARGO—Swanson, John A.
GRAND FORKS—Alsip, W. P.
Dinnie Bros.
Red River Valley Brick Co.
KENMARE—Des Lacs Coal & Brick Co.
Kenmare Hard Coal Co.
MANDAN—Bingenheimer, F. H.

OHIO.

ADA—Richeson, L.
ADDYSTON—Cincinnati Brick Co.
AGOSTA—Imbody R. M. (Tile)
AKRON—Akron Brick & Tile Co., 615 E Mill
Akron Firebrick Co.
Cooper Brick Co., Spicer s of E South
Cooper Bros., Spicer n Exchange
McCausland Bros., E Tallmadge av
Robison Clay Product Co.
Windsor Brick Co. (and Tile), c Grant & Morgan
ALGER—Alger Clay Mfg. Co.
ALLIANCE—Auld, John & Sons
ANNA—Jenkins, J. M. (Tile)
ANTWERP—Harmann & Sons
ASHLEY—Dennis, M.
ATHENS—Athens Brick Co.
AVERY—Gilmore, D. (Tile)
AXLINE—Fultonham Brick & Tile Co.
BALTIMORE—Neff, Reuben
BARBERTON—Diamond Brick Co.
BASCOM—Miller, J. A. & Co. (Tile)
BATAVIA—Batavia Brick Co.
BEAVERDAM—Danner, Chris.
BELLAIRE—Bellaire Brick Co.
Standard Stone & Brick Co.
BELLE CENTER—Stewart, J. I.
BLANCHESTER—Blanchester Brick & Tile Co.
BLOOMDALE—Smith, John F.
BLOOMVILLE—Bloomville Brick & Tile Co.
BRECON—Bruns, George H.
BRICE—Brice Clay Co.
BROOKLYN—Thies & Voss Co.
BRYAN—Neff, Benj. F.
BUCYRUS—Battefeld, L. H. (Tile)
Witter & Breisinger
BUTLER—Hissong, W. L.
BYERSVILLE—Guernsey Brick & Contracting Co.
CAMBRIDGE—Cambridge Brick & Tile Co.
CANAL DOVER—Bose & Kaser
CANTON—Cleveland Brick Co.
Metropolitan Paving Brick Co.
CAREY—Stief Bros.
CARROLLTON—Carollton Granite Brick Co.
CARROTHERS—Heisser, F. E.
CELINA—Celina Brick Co.
CENTERBURG—Landrum & Landrum (Tile)
CHESTERVILLE—Markley Bros. (Tile)
CHIPPEWA LAKE—Chippewa Shale Brick Co
CINCINNATI—Batavia Brick Co., Builders' & Traders' Ex
Blair, J. M. Brick Co., Builders' & Traders' Ex
Bruns, George H., Builders' & Traders' Ex
Busse-Heidecker Brick Co., 30 Builders' & Traders' Ex
Cincinnati Brick Co., 142 Builders' & Traders' Ex
CINCINNATI WALL TIE CO., 228 W 4th. (See adv. index, end of book.)
Gould, John F., East End, Huron av.
Iliff, C. E. & Bro., 314 E 6th
Kolde, Dietrich, Summer, N of Gest
Meier, A. & Co., Builders & Traders' Ex.
Mitchell Brick Co., Builders & Traders' Ex.
Suer Bros., Mitchell av opp Tower
Tegeler, Herman, Arlington & O. S. W. Ry.
Vonder Brink, Richard (Est. of), McLean av ft of York
Warburg, Bernard, McLean av n York
Warburg, John T., McLean av n York
Weber, Harry, North End Eden av
Welling, G. H. & Bro., McLean av nr York
Westwood Brick Co., Union Trust bldg z
Wuebker, Jos., ft of Setchell
CLEVELAND—Barkwill Brick Co., ft of Herald
Barkwill & Bradley, The Arcade
Brookside Brick Co., Denison av nr Iona
Canton & Cleveland Brick Co., 809 Cuyahoga bldg
Canton-Sparta Brick Co., 30 Main
Carrollton Granite Brick Co., Rose bldg
Cleveland Brick & Clay Co., Harned cor Valley
Cleveland Brick Co., Schofield bldg
Cleveland Hydraulic P'ress Brick Co., Schofield bldg
Cullen Bros., Beverle & Winnenden
Cullen, John, 1056 Independence
Dawson & Carder, ft. of Rutland
Duty, Andrew, 194 Lincoln av
Eggers Brick Co., Jennings av & Valley rd
Gynn, George H., 735 Independence
Harrison, Wm. H., 258 Petrie
Imperial Clay Co., Cuyahoga bldg
Knauff & Esterbrook, Aetna st at C. & P. R. R.
Merchants' Brick Co., 156 Yonker
Standard Brick Co., on Cleveland Terminal & V. R. R. Bkln
Stowe, Fuller Co. (Wholesale), Superior bldg
CLYDE—Bell, S. A.
Halbeisen, F.
COLDWATER—Walters, A. X.
COLLINWOOD—Collinwood Shale Brick Co.
Rolfe, Wm.
COLUMBUS—Capitol City Brick Co., 400 E 5th av
Columbus Brick and Terra Cotta Co., 20 Marzetti bldg
Columbus Clay Mfg. Co.
Dow, E. W., 17th av nr 4th
Franklin Brick Co., The Ruggery
Hanover Pressed Brick Co., 102 W Broad
Ironclay Brick Co., 55 Ruggery
Kulp, J. & Son, Marion av
Myer, Basil, Mock rd C. S. & H. Ry.
Schmitt, Philip, Ann & Hanford
Schneider, Adam, Yeoman nr Cleveland av
Streett, Milo P., 800 St. Clair av
UNION BRICK & SUPPLY CO. (Mfrs. & Dealers), Ruggery bldg
CONDIT—Chadwick, W. W.
CONNEAUT—Harper-Norton Shale Brick Co.
COVINGTON—Wagner, J. G.
CUYAHOGA FALLS—Keller Brick Co.
DAYTON—Boren, John W., Smithville rd
Chadwick, S. H., Dakota c Summit
Dayton Brick Co., 1600 S Wayne av
Hosket, Chas. F., Springfield Pike
Jordan & Miller, 120 S Euclid av
Kloecker, Wm., Xenia pk nr Smithville rd
Parish, E. K., W 3d nr Corp Line
Sortman & Hudson, 59 E Green
Teigler Bros., 138 S Boltin
Tinnerman, Wm. A., Smithville rd nr Huffman av
DELAWARE—Delaware Clay Mfg. Co.
DELPHOS—McKenzie, C. & W.
DESHLER—Frederick E.
DRESDEN—Dresden Clay Co.
DUPONT—Etter, Wm.
DUVALL—Teegarden, J. W. & Co.
EAST LIVERPOOL—Cox, Geo. S.
East Liverpool Brick Mfg. Co.
Gambles & Surles
EATON—St. Clair Tile Co.
ELERY—Honeck, August
ELI—Fent, Geo. R.
ELMORE—Moser, H.
ELYRIA—Wallhead, Wm. L. & Son
FARMER—Fickle Bros.
FINDLAY—Findlay Brick & Tile Co.
Findlay Hydraulic Pressed Brick Co.
FOREST—Forest Clay Works Co.
FORT JENNINGS—Mericle, Aaron
FRAZEYSBURG—Frazeysburg Brick Tile Wks
FREMONT—Billau, Chas. F.
Reynolds, Albert A.
GALLIPOLIS—Clendinen, J. W.
McCormick, Tile & Brick Works
GERMANTOWN—Crauder, Henry
GLANDORF—Nartkers & Schroeder
GRAND RAPIDS—Carr, D. R.
GREENFIELD—York Bros.
GREEN SPRING—Potter, D. M.
Young, Josiah
GREENVILLE—Richeson, Nelson & Moore
GROVE CITY—Darnell, E. F.
GUTMAN—Wehinger Bros.
HAMILTON—Durrough, Jno. W.
Hamilton Brick Co.
HAMLER—Mack, Michael J.
HARRISON—Vincent, W. C. & Son
HAVERHILL—Oakes, J. & Sons
HILL GROVE—Dadbenmire, J. A. & C. E.
HOLGATE—Weisbacker, Jno. W.
IRONDALE—Pritschau, Adolph
IRONTON—Ashland Fire Brick Co.
JAMESTOWN—Dodd & Carpenter
JEFFERSONVILLE—Allen, George
KALIDA—Rimer & Rambo
KENTON—Schmidt, Wiphart
KINDERHOOK—Shaub, Sebastian
KINGSTON—Dunlap & Marzluff
LA CARNE—Ballin, August
LANCASTER—Cowden Brick & Tile Co.
Henry, W. B.
LA RUE—Miller, B. W.
LATTY—Bailey, R. H.
Theis, Nicholas
LEAVITTSBURG—Blackburn Face Brick & Tile Co.
LIMA—Bour Bros.
Tannehill Bros.
Tannehill, G. W.
LOGAN—Logan Brick Mfg. Co.
LOUISVILLE—Kagey, J. B. (Tile)
Louisville Brick & Tile Co.
Stoneware Tile Co.
M'CLURE—Burwell, Saml. L. (Tile)
McGILL—Muma Bros.
McCOMB—Mogle Bros. (Tile)
Pendleton, Grant (Tile)
MALVERN—Malvern Clay Co.
MANCHESTER—Lang, F. M. & Co.
MAPLEWOOD—Rust, A. F. (Tile)
MARIETTA—Cisler, Thomas & Co.
MARION—Hoyles, John (Tile)
MARYSVILLE—Burns, J. P.
MASSILLON—Everhard Co.
Massillon Brick Co.
MERCER—Thompson, C. B. (Tile)
MIDDLEPORT—Burton, W. M.
MIDDLETOWN—Smith, Wm. & Co.
MILAN—Fish, A. M. (Tiles)
MILLER CITY—Polsdorfer, M. E. (Tile)
MILLERSBURG—Millersburg Brick & Tile Co.
MILLERSPORT—Brison Bros.
MINERAL CITY—American Fire Brick & Clay Co. (Sewer, Circle, Foundation, etc.)
Canton Sparta Brick Co.

Holden, C. E.
Markley, Geo. J.
Model Brick Co.
MINSTER—Thieman & Schulte
MORRAL—Morral Tile Co.
MT. GILEAD—Hickson, Joseph
McGowan, B.
MT. HEALTHY—Roettele Bros.
MT. STERLING—Michael, George (Tile)
NAPOLEON—Blair, F. W.
NELSONVILLE—Nelsonville Brick Co.
Nelsonville Sewer Pipe Co.
NEPTUNE—Springer, J. S. (Tile)
NEWARK—Vogelmeir Bros.
NEW BREMEN—New Bremen Brick Co.
NEW COMERSTOWN—Novelty Brick & Coal Co.
NEW DOVER—Shuler & Williams
NEW LONDON—Ledgett, George
Richards, Samuel (Tile)
NEW PALESTINE—Blair, J. M. Brick Co.
NEW PHILADELPHIA—Edwards, George J.
NEW WASHINGTON—Sitters, William
NORTH CREEK—Ernsberger, H. (Tile)
Killion & Mathile
NORTH ROBINSON—Fate, P. R.
OAK HILL—Etna Fire Brick Co.
Davis Fire Brick Co.
Diamond Brick Co.
Oak Hill Fire Brick & Coal Co.
Ohio Fire Brick Co.
OTTAWA—Beutler, Christ
OTTOVILLE—Gmeiner & Co.
PAINTER CREEK—Swinger Bros. (Tile)
PAULDING—Lynn, James
PERRYSBURG—Moser Bros.
PICKERINGTON—Fenstermaker, W. E. (Tile)
PLATTSBURG—Campbell, D. H. (Tile)
PLEASANTVILLE—Miller, N. H.
PORTSMOUTH—Kaps, Jno.
Portsmouth Pressed Brick Co.
Revare & Kleffner
PRAIRIE DEPOT—Hedge, Frank T.
RAVENNA—Mishler, M. B.
RICHWOOD—Horn, John M.
RITTMAN—Clippinger, J.
RIVER STYX—Ream A. (Tile)
ROSEVILLE—Roseville Brick & Terra Cotta Co.
SCOTT—Downing, Hugh (Tile)
SELMA—Thompson, Jessie (Tile)
SHAWNEE—Ohio Mining & Mfg. Co.
SHERWOOD—Kellermeier Bros.
SHILOH—Prame, F. J. (Tile)
SPARTA—Weaver, H. D.
SPENCERVILLE—Schaeffer, G. W.
SPRINGFIELD—Grube, Adam & Son, Urbana pk n of corp. line
Grube Bros., South end of Isabella
Houck Brick Co., Rebert Pike nr State
STEUBENVILLE—Nicholson, Edward, 325 Market
Toronto Fire Clay Co.
STRYKER—Rumsey, J. D.
SUMMIT STATION—Columbus Clay Mfg. Co.
SYCAMORE—Althouse Bros. (Tile)
TIFFIN—Hall, John A. & Co.
Heilman Bros. (Tile)
TOLEDO—Collingwood Brick Co., c Blanchard & Marston av
East Toledo Brick Co., 342 Erie
Ellis, H. C., C. L. S. & M. S. Ry & Castile boul
Findlay Hydraulic Press Brick Co., Consaul nr Toledo Belt Ry
Fox, John B., 2205 Lagrange
Kohler Brick Co., The Nasby
Logan Brick Mfg. Co.
Ohio Brick Co.
Spear & Clarke, L S & M S Ry, n of Central av
Tracy, F. E., Oakdale av & C. H. & D. Ry
TORONTO—Toronto Fire Clay Co.
TRIMBLE—Trimble Brick Mfg. Co.
TROWBRIDGE—Klingbeil, Gotlieb
UHRICHVILLE—Riffle, J. J.
UNION FURNACE—Columbus Brick & Terra Cotta Co.
URBANA—Schaffer, George & Son
Thackery, J. C.
VERSAILLES—Murphy, John (Tile)
WARREN—Warren Brick & Tile Co.
Western Reserve Brick & Tile Co.
WARSAW—Warsaw Brick & Tile Works
WASHINGTON C. H.—Dore, David A.
WAUSEON—Guilford, C. E.
WAVERLY—Bauereachs, G. A.
WAYNESFIELD—Keith Bros. (Tile)
WELLSTON—Wellston Brick & Tile Co.
WELLSVILLE—Champion Clay Co.
Vulcan Clay Co.
WEST MANCHESTER—Nelson Bros.
WOODLYN—Chenault, W. A. (Tile)
WOOSTER—Branstetter, Andrew
Wooster Shale Brick & Clay Co.
XENIA—Heaton, L. C. & R. C.
YOUNGSTOWN—Bessemer Limestone Co (Wire cut Shale)
Youngstown Brick Co.
ZANESVILLE—Harris Brick Co., 28 N 2d
Oakland Pressed Brick Co., Market c 3d
Townsend, T. B. Brick & Contracting Co., 195 Market

OKLAHOMA TER.

ALVA—Bolte & Cox
CHANDLER—Chandler Pressed Brick Co.
EL RENO—Malone & Spichnall
Montrief & Earnest Brick Co.
ENID—Enid Vitrified Brick & Tile Co.
GUTHRIE—Guthrie Brick & Tile Co.
OKLAHOMA—American Brick & Tile Co.
Oklahoma Brick Co.
U. S. Pressed Brick & Tile Co.
SHAWNEE—Daley, J. E.
STILLWATER—Shackleford, L.

OREGON.

BAKER CITY—Houston, A. A.
BAY CITY—Provost, F.
CORVALLIS—Corbett, W. C.
HOOD RIVER—Boyd, L. D.
INDEPENDENCE—Cooper, J. R.
HUBBARD—Miller, I. S.
M'MINNVILLE—Seiters & Son
MEDFORD—Priddy, G. W.
NEWBERG—Newberg Pressed Brick & Terra Cotta Co.
Newberg Pressed Brick & Terra Cotta Co.
N. YAMHILL—Withycombe, P. (Tile)
PORTLAND—Anderson, Jas., E. 7th c Russell
Kern, L. E.
Krebs Bros., Section Line rd
SALEM—Burton, A. A.
Murphy, J. E.
SYLVAN—Cooke, O. F.

PENNSYLVANIA.

ALLEGHENY—Allegheny Brick Co., Park bldg
Huckestein, Jno. A. & Co., 37 Fairmount
Lovatt, C. B. & Bro., 20 N Diamond, E. A.
Miller Brick Co., Charles nr Wilson av
West & McLean Brick Co., 2365 Cal av
ALLENTOWN—Grim Bros., n Little Lehigh River, S. A.
Hickory Run Brick Co.
Kichline Brick Co., Emaus rd, S. A.
Mattern, D. W., 10th & Tilghman
Nonnemacher Brick Co., 12th & Liberty
Roth, Wm. & Co., Gordon cor N 3d
Sensenbach, Chas. C., S. A.
Swoyer Bros. Brick Co.
West End Brick Co., 15th & Allen
ASPERS—Penn Tile Works
ATHENS—Van Scoten, G. L.
BEACH HAVEN—Beach Haven Brick Co.
BEAN—Price, Chas. H.
BEAVER FALLS—Mound Brick Co.
BEDFORD—Gubernator, J. L.
BERWICK—Beach Haven Brick Co.
BETHLEHEM—Groman Bros.
Levers, A. B.
BLOOMSBURG—Ferguson, Wm.
BOLIVAR—Reese-Hammond Fire Brick Co.
BOSTON—Harper, C. M. C.
BRADDOCK—Keller & Milligan
BRADFORD—Alumina Shale Brick Co.
Bradford Pressed Brick Co.
Broughton, P. B.
BROOKVILLE—Humphrey Brick & Tile Co.
BUTLER—Butler Brick & Tile Co.
CALUMET—Rumbaugh, J. M. Brick Co.
CARLISLE—Carlisle Brick Co.
Spotts, A. J.
CARNEGIE—Carnegie Brick & Stone Co.
Fort Pitt Stone & Brick Co.
CHAMBERSBURG—Spahr, Jas. B.
CHESTER—Law, Martha
Robinson, Danl.
CLEARFIELD—Clearfield Clay Working Co.
Standard Brick & Tile Co.
COLUMBIA—Columbia Brick Co.
Gohn, Daniel F.
DELPHI—Miller, Jno.
DOWNINGTOWN—Florey, Mrs. James
DUBOIS—Dubois Clay Mfg. Co.
Dubois & Butler Brick Co.
EAST STROUDSBURG—Zachrias, Jos. H.
ELLWOOD CITY—Elwood Brick Co.
EMAUS—Binder Bros.
ERIE—Dudenhoeffer, Frank
Dunn, Hy. C.
Genck Bros.
McCarty, Jas.
Paradine, T. J. & Son
EVERSON—Livengood, A. S.
FALLSTON—Fallston Fire Clay Co.
FAYETTE CITY—Dinsmore Bros.
FRANKLIN—Wilson & Wood
FREDERICKSBURG—Moyer, David
GETTYSBURG—Pfeffer & Son
GREENSBURG—Rumbaugh, J. M. Brick Co.
HAMBURG—Tobias & Sheridan
HANOVER—Snyder, Edw. H.
HARMARVILLE—Kountz Bros. Co.
HARRISBURG—Bigler, S. L. & Co.
Spong, L. R.
Steelton Brick Co.
Steelton & Harrisburg Brick Co.
Walton Quarries
HATFIELD—Benner, Edw. B.
HITES—McFetteridge Bros.
HOLLIDAYSBURG—Hart Brick Works
HOMESTEAD—Homestead Brick Co.
HUNTINGDON—Barrick Bros.
INDIANA—Indiana Brick & Tile Mfg. Co.
JEFFERSONVILLE—Haws, C. L. & Bro.
JOHNSTOWN—Campbell Brick Co.
Mt. Union Silica Brick Co.
KANE—Kane Brick Co.
KINGSTON—Wilcox, Chester B.
KITTANNING—Daugherty Bros. Brick Co.
Kittanning Brick & Fire Clay Co.
Kittanning Clay Mfg. Co.
LANCASTER—Bomberger, Henry, Pearl c 2d
Pontz, Adam, Ranck's Mill rd n Grofftown rd
Pontz, Jacob, 351 W James
Wise, C. & Bro., Manor c Prospect
LANSDALE—Scholl, S. L. & Sons
LANSDOWNE—Sullivan, Jno.
LATROBE—Latrobe Brick Co.
LEBANON—Dressel, Jno.
Light, D. S. Brick Co.
Light, Saml L.
Peerless Brick Co.
Schwegler, M.
LEHIGHTON—Graver, H. A.
Koch, W. S.
LEWIS RUN—Alumina Shale Brick Co.
Broughton, P. B.
LINDSEY—Rogers, W. T.
M'KEESPORT—Bowman Bros.
Dougherty, Oscar R.
Logan Brick & Building Co.
McKeesport Brick Co.
Soles, Anderson
Standard Brick Co.
Tempest Brick Co.
MANCHESTER—Manchester Shale Brick Co.
MANOWN—Manown Mfg. Co.
MEADVILLE—Miller, T. J.
MEYERSDALE—Duncombe, Geo. H.
MILLERSBURG—Heatherman, Jas. F.
MONESSEN—Monessen Brick, Tile & Terra Cotta Works
MONT CLARE—Mont Clare Brick Co.
MORTON—Ackerman, Henry J.
NAZARETH—Nonpareil Brick & Clay Co.
NEW BETHLEHEM—Canton Tile Hollow Brick Co.
NEW BRIGHTON—Fallston Fire Clay Co.
Ingram & Co.
Smith, A. F. Co.
NEW CASTLE—Croton Limestone & Brick Co.
Marquis Limestone & Clay Co. (Capacity 21,650,000)
NEW OXFORD—Alwine Bros.
Carbaugh, Wm. H.
Staub, Jas. A. & Bro.
NEWPORT—Flurie, E. E. & Bro.
NEWTOWN—Worstall Bros. & Co.
NEWVILLE—Hefflefinger, W. A.
NORRISTOWN—Smythe Bros.
OSCEOLA MILLS—Osceola Silica & Fire Brick Co.
OSGOOD—Cozadd, Hiram
OXFORD—Slack, Branson
PAWLING—McAvoy Vitrified Brick Co.
PENNSBURG—Reed & Landis
PERKASIE—Afferbach, J. F.
PHILADELPHIA—Atlantic Brick Mfg. Co., Betz bldg
Carroll, Albert G., E Washn la & Sullivan Gtn
Collom, Albert G., E Wash'n la & Sullivan G'tn

Conway, William S., 58th cor Walnut
Dobbins, Murrell, 1511 Sansom
Eastern Hydraulic Press Co., Real Est Trust Bldg
Equitable Brick Mfg. Co., S 60th cor Pine
Esseg & Myers, N 2d nr Butler
Fuller Brick & Slate Co., 119 S 4th
Gesner, Thomas H. & Son, Woodland av c 65th
Goodwin, John, N 27th nr Hunting Park
Hamburg Vitrified Brick Co., 114 N Broad
Hanarty, Jno. & Sons, 58th c South
Hatten, Owen Jr., Fishers la c 9th
Huhn, Samuel (Est.), S 33d cor Dickinson
Jarden Brick Co., 423 Walnut
Kelly, Christopher, N 6th cor Sedgley
Kelly, Patrick & Son, Olney av & Newtown
Leuton Brick Works, 25th & Passy'k av
McAvoy's, Thomas B. Sons, N Town la nr Ktn av
McAvoy Vitried Brick Co.
McAvoy & Morris, S 31st cor Dickinson
McAvoy & McMichael, Ltd., 27, c Dickinson
Mack Mfg. Co. (Building & Foundation) Fidelity Bldg
MAURER, HENRY & SON, Penna bldg. (See adv., inside front cover.)
Murtha, David, Rosina n Jamestown, cor Rasetta, Roxb
Murtha & Earley, N 16th cor Butler
Phila. Clay Material Co.
Rose, T. J., Brick Mfg. Co., Erie av c G.
Ridley Park Brick Co., Provident bldg
SAYRE & FISHER CO., Heed bldg. (See adv. front inside cover)
Seitter's F. Sons, Nicetown la nr G.
Siner, Jos. L., E Atlantic nr Old Front rd
Tansey Brick Co., 2d st pk & Godfrey av
Webster & Keyser, 30th cor Tasker
Young, Chas. A., 24th c McKean

PITCAIRN—Rumbaugh, J. M. Brick Co.
PITTSBURG—American Clay Mfg. Co., Keystone Bldg
American Sewer Pipe Co., Keystone bldg
Beckett, J. W. & W., Pacific av & Colombo
Blair Bros., Stanton av & Black
Booth & Flinn, 1942 Forbes av
Boyd Hill Brick Co., cor Vickory & Magee
Central Brick Co., Park bldg
Clairton Brick & Mfg. Co., Frick bldg
Continental Brick Co., House bldg
Darlington Brick & Mining Co., 150 Frankstown av
Entress Brick Co., 2240 Webster av
Freeman & Strouss, Bessemer bldg
Jones, Evan, 36th & Liberty av
Keeling Brick Co., Farmers Bank bldg
Kelley Brick Co., Farmers Bank bldg
Kittanning Brick & Fire Clay Co., Empire bldg
Knowlson, R. & Son, 923 Vickory
Lanz, M. & Sons, 34th & Jane
Mack Mfg. Co., Arrott bldg
Norris Mining & Mfg. Co., House bldg
Reese-Hammond Fire Brick Co., Park bldg
Sankey Bros., 2112 Carson
Smith, Bros. Brick Co., Park bldg
Southside Brick & Stone Co., S 33d nr Jane
Union Brick Co. (Ltd.), Park bldg
Ward, J. H. & Sons Co., Wilson nr Park av
West End Stone & Brick Co., 121 Wabash

PITTSTON—American Brick & Clay Mfg. Co.
POTTSTOWN—Garber, Joseph
Spang, Joseph
PUNXSUTAWNEY—Nordstrom, Mrs. M. J.
QUAKERTOWN—Heukeroth, John
QUARRYVILLE—Judith, George
RALSTON—Ralston Brick Co.
READING—Montello Brick Co., 522 Washn
Moyer & Co., 725 Penn
Parker, W. H., c 9th & Pike
Reading Shale Brick Co., 516 Penn
Robinson, Wm. G., Schuylkill av c Oley
ROYERSFORD——Keeley, A. T.
Rogers & Co.
SCRANTON—Laurie, James, 1133 Prov rd
Scranton Vitrified Brick & Tile Mfg. Co., 329½ N Washington av
Stipp, Matthias, Board of Trade bldg
SELLERSVILLE—Willitt & Clymer
SHARON—Rose, J. V. & Sons Fire Brick Co.
SHARPSBURG—Allegheny Brick Co. (Ltd.)
SO BETHLEHEM—Benner Irwin I
Groman Bros.
STEELTON—Steelton & Harrisburg Brick Co.
SWISSVALE—Enterprise Brick & Stone Co.
UNIONTOWN—Brownfield, John N.
Patterson, R. I. & Co.
Williams, J. V. & Co.
VANPORT—Dando, Geo. & Co.
Gloninger & Co.
Vanport Brick Co.
WARREN—Highouse, E. & Sons
WASHINGTON—Donley Brick Co.
Washington Brick Co.
WAYNESBORO—Haley, R. A.
Johnson, W. H.
Miller, W. H.
WAYNESBURG—Ross, Jos. B. & Son
Waynesburg Brick Co.
WEST CHESTER—Guss, H. R.
Sharples, Alfred D.
WEST POINT—Vaughan, Edward
WILKESBARRE—Dickover, Geo. T., Simon Long bldg
WILKINSBURG—Enterprise Brick & Stone Co
Francies, W. J. & Co.
Rumbaugh, J. M. Brick Co.
WILLIAMSPORT—Guise Brick & Stone Co.
Schrade, Jno. C.
WINDBER—Kelley, Wm. P. Brick Co.
WYOMING—Hutchins, John A. & Co.
YORK—Grothe, William
Grothe, William
Kissinger, Benjamin & Son

RHODE ISLAND.

BARRINGTON CENTRE—New England Steam Brick Co.
PROVIDENCE—New England Steam Brick Co., Banigan bldg
SLATERSVILLE—R. I. Granite Pressed Brick Co.

SOUTH CAROLINA.

CAMDEN—Camden Pressed Brick Co.
CAMERON—Ulmer, T. F. & Bro.
CHARLESTON—Southern Hydraulic Brick Co.
CAMPOBELLO—Howell, J. L. & Co.
COLUMBIA—Guignard, G. A.
CROSS ANCHOR—Cross Anchor Oil Co.
DARLINGTON—Darlington Brick Co.
DENMARK—Driggs, H. G.
GREENVILLE—Mosley, Henry
GREENWOOD—Mayes, W. H.
HAMBURG—Rutherford, W. J. & Co.
HARDEEVILLE—Savannah Builders' Supply Co.
McCOLL—Mangum, P.
MARION—Layton, D. A.
MOUNT CARMEL—Sutherland, J. F.
MULLINS—Mullins Lumber & Brick Co.
NEWBERRY—Matthews, B. C.
Pool, T. C.
NORTH AUGUSTA—Hankinson & Son
PICKENS—Pickens Brick Co.
ROCK HILL—Ashe, W. N.
SUMMERVILLE—Taylor, A. W.
UNION—Rogers Brick Works

SOUTH DAKOTA.

ABERDEEN—Lager, Louis
ELK POINT—Murtha, Charles
SIOUX FALLS—Donahue Bros.
Sioux Falls Pressed Brick Co.
VERMILLION—Bower, W. G.

TENNESSEE.

BROWNSVILLE—McClish, Jno.
CHATTANOOGA—Chattanooga Press Brick Works
Chattanooga River Brick Co., W Missionary av & Belt Ry
Howard & Park Brick Co., W White & Belt Ry.
Spink- Genter Brick Co.
Wells, J. W. & Bro., Harrison av n Lauderdale
CLARKSVILLE—Buck, G. W.
COLLIERVILLE—De Launnay & Patrick
COLUMBIA—Simpson, Thos.
DYER—Baulch & West
DYERSBURG—Nichols, J. M.
JACKSON—Owen, Charles
Southern Tile & Brick Works
KNOXVILLE—Garland & Weaver
Knoxville Brick Co.
MARTIN—Walter, Jno. G.
MARYVILLE—Jones, David
MEMPHIS—Lyon, C. B. & Son (and Tile), Y & M V R R & Horn Lake rd
Lyon, C. B. & Son (and Tile), Y. & M. V. R. R. & Horn Lake rd
Tenn. Brick Co., Planters Ins. bldg
NASHVILLE—Bush, W. G. & Co., 238 N College
Fulcher & Dyas Brick Co., 301 Church
Lesueur, W. D. & C. H., Garden nr Driftwood
RIPLEY—Ripley Brick Co.
ROBBINS—Southern Clay Mfg. Co.

TEXAS.

ATHENS—Athens Fire Brick Co.
Athens Pressed Brick Co.
Coleman, Chas. H.
AUSTIN—Austin Brick Co.
Butler, Michael
BEAUMONT—Beaumont Brick Co.
CALAVERAS—Mackey Brick & Tile Mfg. Co.
DALLAS—Atlas Press Brick Works, 291 Main
Harry, J. M. & Co., North Texas bldg
DENTON—Denton Press Brick Co.
ELGIN—Elgin Press Brick Co.
EL PASO—El Paso Brick Co.
Kehoe, J. F.
FERRIS—Atlas Press Brick Works
GAINESVILLE—Gainesville Brick Co.
GALVESTON—Palliser, Robt. (Mfrs.' Agent), 2218 Mechanic
Pollard, W. H. & Co. (Mfrs.' Agent), 18th bet A Level
HOUSTON—Brady Brick Works
Butler, Michael
Lucas, Alfred T.
Standard Brick Works
Taylor Brick Co.
JACKSONVILLE—Aber, E.
LAREDO—Johnson & Jeffries
Valdez, Mariano
LUFKIN—Shearer, R. B.
MARSHALL—Higgins, James
SAN ANTONIO—Mackey Brick & Tile Mfg. Co
SEGUIN—Sonka, Joseph
SHERMAN—Saul & Kreuger
SULPHUR SPRINGS—Wilson, G. H.
TEXARKANA—Stevens, A. W.
THURBER—Texas & Pacific Coal Co.
WACO—Baker, James B.
Harris, J. N. & Son

UTAH.

KAYSVILLE—Bishop, A. H.
PROVO CITY—Holmes & Watkins
SALT LAKE CITY—Improved Brick Co.
Kirk Brick Co.
Salt Lake Pressed Brick Co.
WELLSVILLE—Miller, Job

VERMONT.

ESSEX JUNCTION—Drury Brick & Tile Co.
RUTLAND—Rutland Firebrick Co.
WATERBURY—Waterbury Brick Co.

VIRGINIA.

ALEXANDRIA—Alexandria Brick Co.
BRICK HAVEN—Jackson, Phillips, Brick Co.
CHARLOTTEVILLE—Charlotteville Brick Co.
New Washington Brick Co.
Potomac Brick Co.
Wheeler & Co.
CHILHOWIE—Southern Clay Mfg. Co.
DANVILLE—Fitzgerald, N. A. & T. J.
Watson, J. T., Sr.
FREDERICKSBURG — Fredericksburg Brick Works
Virginia Brick Co.
HAMPTON—Richardson, R. H. & Son
LEXINGTON—Champe, Jno. A.
MANCHESTER—Davis, W. Benj., 14th cor Everett
Ready, Wm. J., Maury nr Lee
Redford, Geo. E., Maury nr 12th
NORFOLK—Batchelder & Collins, 143Water
Face, E. W. & Son, North av nr River
Gordon, Cornelius T., Princess Anne av op
Gordon & Gregory, 109 Ferguson av
Mayo, W. R. & Sons, Carpenter bldg
Nansemond River Brick & Tile Co., 145 Water
Norfolk Brick & Tile Co. on Va. Beach & So. Ry.
Standard Brick Co., 249 Main
Stephens, Geo. A. & Co., Godfrey av nr Goff, D P
PETERSBURG—Brister, Chas. M.
Brown, B. F.
Turner, W. R.
RICHMOND—Balto. Brick Co., 1920½ E Main
Burroughs & Mankin, 812 E Main
Fulton Brick Works, Orleans & 2d
Mann, Jas. S. F., Orborne tpk
McDonough & Owen, Osborne tpk
Powers Bros. & Maynard, Osborne tpk
Powhatan Clay Mfg. Co., 14 N 7th
Rocketts Brick & Tile Co., 102 Governor

ROANOKE—Roanoke Brick Co., Crystal Spring
S. BOSTON—Boston Brick Co.
STRASBURG—Lemley; L. M.
SUFFOLK—Harrell, D. C. & C. O.
Nansemond River Brick & Tile Co.
Suffolk Clay Co.
WILLIAMSBURG—Jones, W. L.
WINCHESTER—Barr, Edw. M.

WASHINGTON.

EVERETT—Wasson, B. F.
NORTH YAKIMA—Garrett Bros. Co.
PORT ANGELES—St. Louis Pressed Brick & Terra Cotta Co.
SEATTLE—Hill, W. C. Brick Co., Rainier av & Weller
Houlahan, D. J.
Pontiac Brick & Tile Co., Burke bldg
Seattle Brick & Tile Co., 2221 Front
Washington Brick & Tile Co., New York blk
SPOKANE—Davie, J. T. & Co.
Spokane Brick Co.
Washington Brick, Lime & Mfg. Co.
TACOMA—Puget Sound Brick Co., Equitable b'dg
St. Paul & Tacoma Lumber Co., E 30th & N
WALLA WALLA—Lennon, Eugene
Walla Walla Stone & Brick Co.

WEST VIRGINIA.

BUCKHANNON—Groscup, W.
CHARLESTON..Kanawha Brick Co.
CHARLESTOWN—Charlestown Brick & Tile Co.
CLARKSBURG—Clarksburg Brick Works
Clarksburg High Grade Shale Brick Co.
FAIRMONT—Hutchinson-Barnes Brick Co.
GRAFTON—Arnett, J. L. (Tile)
HUNTINGTON—Central City Brick Co.
Huntington Brick Co.
West Virginia Paving & Pressed Brick Co.
HURRICANE—McCallister, Wm. H.
MARTINSBURG—Buxton, G. W.
MORGANTOWN—Morgantown Brick Co.
NEW CUMBERLAND—Claymont Brick Works
Mack Mfg. Co. (Building & Foundation)
West Virginia Fire Clay Works
PARKERSBURG—Oakland Press Brick Co.
SPILMAN—Camden Clay Co.
WHEELING—Suburban Brick Co.

WISCONSIN.

AUGUSTA—Johnson, W. E.
BARRON—Sparlin & Goss
BARRONETT—Larson, Peter
Peterson, Martin
BERLIN—Morris, Chas. S.
BLANCHARDVILLE—Blanchard, Alvin
BOSCOBEL—Ruka Bros. Mfg. Co.
BURLINGTON—Burlington Brick & Tile Co.
CUMBERLAND—Donatelle, S.
DE PERE—Baeten, Jno.
Hockers, Jno.
ELKHORN—Sprague, E. H.
FOND DU LAC—Hass, Herman G.
FT. ATKINSON—Ft. Atkinson Brick Mfg. Co.
FOUNTAIN CITY—Roettiger, H. & F.
GRAND RAPIDS—Lossig, J. M. & Son
GREEN BAY—Framale, Frank
Green Bay Brick Co.
HORICON—Pluck, J. W.
HIKA—Wette, August
JEFFERSON—Jefferson Brick & Tile Co.
Kemmeter Bros.
KAUKAUNA—Landauer & Rhode
MADISON—Stephens, David
MANITOWOC—Boettcher Brick & Tile Co.
Kaufman, Peter
MENASHA—Hanke, Lewis
MENOMONIE—Menomonie Hydraulic Pressed Brick Co.
Wisconsin Red Pressed Brick Co.
MERRIMACK—Merrimack Brick Co.
MILWAUKEE—Burnham Bros., 525 Howell av
Chase Brick Co., 305 Lincoln av
Davelaar, M., & Son, Ellen & Pryor av
Kraatz, Chas. Brick Co., 181 16th
Schmidt, Herbert R., 341 1st av
Standard Brick Co., 496 Clement av
MONROE—Freese, Fred.
NEW LONDON—Prahl, August
Zerrenner Bros.
OSHKOSH—Cook & Brown Lime Co.
PLYMOUTH—Krause, Otto
PORTAGE—Affeldt, Herman
Sanborn Brick & Ice Co.
PORT WASHINGTON—Guenther, G. & Son
RACINE—Baumann, Wm.
Hanmerson, F. H. & Sons
Hilker Bros. Brick Mfg. Co.
SCHLEISINGERVILLE—Kottemeyer, P. W.
Rosenheimer, Jno.
SHEBOYGAN—Sheboygan Brick & Tile Co.
Zimbal, A. & Son
Zurheide, Fred. Brick Co.
SPRINGFIELD—Springfield Brick & Tile Co.
STEVENS POINT—Langenberg, W. E.
TRAMWAY—Kirtland, Sarah J.
WATERTOWN—Cordes, L. H. & Co.
Cordes, Vaughn & Co.
WAUTOMA—Wehsner & Bugh
WEST BEND—Pick Brick Co.
WEST DEPERE—Baeton, John
Hockers, John
Roffers, John
Van Laanen, Arnold
WONEWOC—Truber, Benj.

WYOMING.

ETANSTON—Mills, Jas.
RAWLINS—Rawlins Pressed Brick Co.

Brick Mfrs. (Cupola)

(See Cupola Linings & Blocks.)

Brick Mfrs. (Dutch Clinker)

PERSON, O. D., 160 Fifth av, New York.
SAYRE & FISHER CO., 207 B'way, New York. (See adv index, page 1200)

Brick Mfrs. (Enameled)

AMERICAN ENAMELED BRICK & Tile Co., 1 Madison av, N. Y.
Blue Rdige Enameled Brick Co., 763 Broad, Newark, N. J.
CARTER, BLACK & AYERS (Mfrs. Agents), 1 Madison av, N. Y. (See adv. index, end of book)
Clark, Wm. Wirt & Son (Mfrs.' Agents), 1155 S. Gay, Baltimore, Md.
Columbus Brick & Terra Cotta Co., Columbus, O. lumbus, O
FREDENBURG & LOUNSBURY (Mfrs. Agents), 289 4th av, New York. (See adv. index, end of book)
Gladding, McBean & Co., San Francisco, Cal. Works, Lincoln, Cal
Hydraulic Press Brick Co., 936 N 1st, St. Louis, Mo.
Los Angeles Pressed Brick & Terra Cotta Co., Los Angeles, Cal.
Old Bridge Enameled Brick & Tile Co., Old Bridge, N. J.
Peabody Enamel Brick, Tile & Fireproofing Co., 11 B'way, N. Y.
Person, O. D. (Mfrs.' Agent), 160 Fifth av, New York
SAYRE & FISHER CO. (also Ornamental. 207 B'way, New York. Works. Sayreville, N. J. (See adv. front inside cover)
Taylor's, Chas. Sons Co., Cincinnati, Ohio.
Tiffany Enameled Brick Co., Main office & Works, Momence, Ill. City office, 138 Wash'n, Chicago, Ill.
United States Enameled Brick Co., Bolivar, Pa.

Brick Mfrs. (Fire)

ALABAMA.

ASHBY—Ashby Brick Co.
Budwig & Myers Fire Brick Co.
Nelson Fire Brick Co.
BESSEMER—Bessemer Fire Brick Co.

CALIFORNIA.

ALAMEDA—Clark, N. & Sons
LINCOLN—Gladding, McBean & Co.
LOS ANGELES—Los Angeles P. B. & Terra Cotta Co.
Pacific Clay Mfg. Co.
St Louis Firebrick & Clay Co., 2464 E 9th
SAN FRANCISCO—Bay City Brick Co., Corbet av nr 24th
Clark, N., & Sons, 17 Spear
Forbes Bros., 307 Sansome
Gladding, McBean & Co., Rialto bldg.
Weber's, Adam Sons, 410 Mission
SAN JOSE—Steiger, Geo. A.

COLORADO.

CANON CITY—Diamond Fire Brick Co.
DENVER—Denver Fire Clay Co., 1742 Champa
Denver Sewer Pipe & Clay Co. Continental bldg
Denver Terra Cotta Lumber Co., 1324 S Tremont
Fischer, Francis J., & Co., 1704 16th
Golden Pressed & Fire Brick Co., 431 15th
PUEBLO—Standard Fire Brick Co.

CONNECTICUT.

BRIDGEPORT—New England Pipe Co.
NEW HAVEN—Howard Co., 250 Boulevard
Stow, S. J. (Stove), 763 State
Warner-Miller Co.

DELAWARE.

WILMINGTON—Delaware Terra Cotta Co., 12 W 18th

GEORGIA.

ATLANTA—Atlanta Terra Cotta Co., 6 N Forsyth
AUGUSTA—Georgia Vitrified Brick & Clay Co.
Southern T. C. Works, 304 Chapel
MACON—Stevens, H. Sons Co.

ILLINOIS.

ALEDO—Townsley, B. F.
ALEXIS—Townsley, Thomas
ALTON—Alton Paving, Building & Fire Brick Co.
CARBON CLIFF—Argillo Works
CHICAGO—Chicago Fire Brick Co., Chamber of Commerce
Chicago Retort & Fire Brick Co., 45th & Lasalle
Dee, Wm. E., 114 E Quincy
Evans, E. T. & Son Co., 1437 State
Garden City Sand Co. (Mfrs. Agents), 188 Madison
Jenkins & Reynolds Co. (Mfrs. Agents), Chamber of Commerce bldg.
Lindemann, Mrs. Annie, 846 Allport
Moss, Chas. J. & Co., 269 Dearborn
Moulding, Thos., Co. (Mfrs.' Agents), Cham of Com bldg
NATIONAL FIRE PROOFING CO., 140 Dearborn. (See adv. index, end of book)
PIONEER FIRE PROOFING CO., 204 Dearborn. (See adv. index, end of book)
Southern Fire Brick & Clay Co., Cham of Com bldg
Williams, N. A. Co., Chamber of Commerce bldg
LINCOLN—Lincoln Coal Co.
MONMOUTH—Monmouth Mining & Mfg. Co.
OTTAWA—Standard Fire Brick Co.
STREATOR—Streator Clay Mfg. Co.
UTICA—Utica Fire Brick Co.
Utica Fire Sand Co.

INDIANA.

EVANSVILLE—Uhl Pottery Co.
FT. WAYNE—Moellering's, Wm. Sons
HILLSDALE—Burns & Hancock
Heber & Bonebrake
Hillsdale Fire Brick & Clay Co.
HUNTINGBURG—Huntingburg Dry Pressed Brick Co.
MONTEZUMA—Burns & Hancock

IOWA.

DES MOINES—Dale Brick Co.
Iowa Brick Mfg. Co.

KENTUCKY.

ASHLAND—Ashland Fire Brick Co.
FIREBRICK—Kentucky Fire Brick Works (Ca. Portsmouth-Harbison-Walker Co.
FIRE CLAY P. O.—Grahn, K. B.
FULLERTON—Tygart Fire Brick Co.
LOUISVILLE—Louisville Fire Brick Works, Highland Park
Tyler, Owen (Mfrs. Agent), Tyler bldg.
OWENSBORO—Owensboro Brick & Sewer Pipe Co.

LOUISIANA.

NEW ORLEANS—Tupper, Allen, 713 Union

MARYLAND.

BALTIMORE—Baltimore Retort and Fire Brick Co., c Hull & Nicholson
Baltimore Terra Cotta Works, Covington & Clement
Clarke, Wm. Wirt & Son (dealers), 115 S Gay
Levi, Chas., & Co., 418 W Cross
Maryland Lime & Cement Co. (Dealers), 217 Bowly's Wharf
CUMBERLAND—Gardner Bros.
MT. SAVAGE—Union Mining Co.
NORTH EAST—Cecil Fire Brick Co.
Green Hill Fire Brick Works
Wakefield Fire Brick Co.
SALISBURY—Salisbury Brick Co.

MASSACHUSETTS.

BOSTON—**BOSTON FIRE BRICK CO.** (Geo. M. Fiske, Mngr.), 161 Devonshire. (See adv. index, end of book)
Gay Head Fire Brick Co., 10 P O sq
NATIONAL FIRE PROOFING CO., Old South bldg. (See adv. index, end of book
Waldo Bros. (Mfrs Agts), 102 Milk
DIGHTON—Dighton Stove Lining Co.
TAUNTON—French & Winslow
Presbrey Stove Lining Co.
Taunton Stove Lining Co.
Union Stove Lining Co.
Williams Stove Lining Co.
WORCESTER—Blanford Brick & Tile Co.

MICHIGAN.

DETROIT—Houghten, Henry, Hammond bldg
Little, C. H., Co.
IONIA—Ionia Pottery Co.
JACKSON—Michigan Sewer Pipe Co.

MINNESOTA.

NEW ULM—Aufderheide, Fred
Stoeckert, John & Sons
ST. PAUL—**LAWES, GEO. H. & CO.** (Mfrs. Agts.), Gilfillan bldg. (See adv. index, end of book)

MISSOURI.

KANSAS CITY—Brockett, C. A. Cement Co., 121 W 8th
Dickey, W. S. Clay Mfg. Co., N Y Life Bldg
ST. LOUIS—Christy Fire Clay Co., Morgan Ford rd, c Gravois av
Evens & Howard Fire Brick Co., 920 Market
Laclede Fire Brick Mfg. Co., Manchester & Sulphur avs
McEwing & Thomas, 202 N 9th
Mississippi Glass Co., c Main & Angelica
Missouri Fire Brick Co., 411 Olive
Mitchell Clay Mfg. Co., 5625 Manchester av
Parker-Russell Mining & Mfg. Co., 417 Pine
St. Louis Vitrified & Fire Brick Co., Wainwright bldg

MONTANA.

ANACONDA—Anaconda Copper Mining Co.
Standard Fire Brick Co.

NEBRASKA.

BEATRICE—Beatrice Brick Works

NEW HAMPSHIRE.

ROCHESTER—Keisel Fire Brick Co.

NEW JERSEY.

CAMDEN—Reeve, Augustus, 31 Market
CROSSWICKS—Braisline, John, & Son, Fire Proofing Co.
JERSEY CITY—Gautier, J. H. & Co.
MAURER—**MAURER, HENRY & SON.** (See adv. index, end of book)
NEWARK—Sayre, Jas. R., Jr., & Co.
SAYRE & FISHER CO. (See adv index, end of book)
SAYREVILLE—**SAYRE & FISHER CO.,** (See adv. inside front cover)
SOUTH RIVER—National Pyro Granite Co.
TRENTON—Mercer Fire Brick Works, Calhoun st
Superior Fire Lining Co.
Trenton Fire Brick Co.
Trenton, R. F. B. Works, Princeton av
WOODBRIDGE—**BERRY, JAMES E.**
Staten Island Clay Co.
Valentine, M. D. Bro. Co.

NEW YORK.

ALBANY—Newton Fire Brick Co., Rathbone, on R. & S. R. R.
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Diamond Fire Clay Co., 179 Ellicott
Lancaster Brick Co., Builders' Ex.
Hall & Sons, 69 Tonawanda
Lyth, John & Sons, 48 W Eagle
ELMIRA—Elmira Sewer Pipe & Fire Brick Co.
Farrington, E. Ward
KREISCHERVILLE—**KREISCHER BRICK** Mfg. Co. (See adv. index, end of book)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Brooklyn Fire Brick Works, 88 Van Dyke
Greenpoint Fire Brick Works, 408 Oakland

Boroughs of Manhattan & Bronx.

NEW YORK—Behrend, F. (Importer), 54 Front
FLEMING & CO. (Blue Welsh), 123 Liberty. (See adv. index, end of book
Francklyn & Ferguson (English Imported), Cotton Exch. bldg.
Hammill & Gillespie (Importers), 240 Front
Harris Brick Co., 27 Gt. Jones
Huennekes, H. Co. (Inc.), 114 Liberty
KREISCHER BRICK MFG. CO., 119 E. 23d. (See adv index, end of book)
MAURER, HENRY & SON (all kinds for Steel, Iron, Copper & Glass Works, Blast Furnaces, Rolling Mills, etc.), 420 E 23d. (See adv. inside front cover
NATIONAL FIRE PROOFING CO. 170 B'way. (See adv. index, end of book
NATIONAL PYROGRANIT CO., 17 Battery pl. Works: South River, N. J. (See adv. index, end of book)
Ostrander Fire Brick Co., 417 W 14th
Person, O. D., Co. (Mfrs.' Agt.), 160 5th av
Powhattan Clay Mfg. Co., 1123 B'way
SAYRE & FISHER CO., 207 B'way. (See adv. inside front cover)
THOMAS, E. H. (Mfrs. Agt.), 1123 B'way
Union Mining Co., 1 B'way
Weber, Adam, Sons, 15 Park Row

Borough of Richmond.

KREISCHERVILLE—**KREISCHER** Brick Mfg. Co. (See adv. index, end of book)

(END OF NEW YORK CITY.)

PEEKSKILL—Horton, S. D.
ROCHESTER—Rochester Brick & Tile Mfg. Co.
Rochester Sewer Pipe Co., Powers blk
SYRACUSE—Pack, Geo., & Son
Paragon Plaster Co. (Wholesale Dealers), 110 N Warren
Syracuse Stone Ware Co. (Branch of Robinson Clay Product Co., Akron, O.), 401 Fulton
Syracuse Stone Ware Co., 401 Fulton
TROY—McLeod & Henry Co., 357 1st
Ostrander Fire Brick Co., 309 2d

NORTH CAROLINA.

POMONA—Pomona Terra Cotta Co.

OHIO.

AKRON—Akron Fire Brick Co.
Robinson Clay Product Co.
ALLIANCE—Auld, Jno. & Sons
CINCINNATI—Taylor's, Chas. Sons Co. (and Fire Tile)
Tygart Fire Brick Co., 706 Burns
CLEVELAND—Knauff & Esterbrook, Aetna St. & C. & P. R. R.
Minor Fire Brick Co., Superior bldg.
National Fire Brick Co., Superior bldg
Standard Sand & Fdy. Supply Co. (Dealers), 32 S Water
COAL GROVE—Petersburg Fire Brick & Tile Co.
COLUMBUS—Columbus Sewer Pipe Works, 315 N High
Columbus Brick & Terra Cotta Co.
Union Brick & Supply Co., Ruggery bldg
Wassall Fire Brick Co.
EAST LIVERPOOL—National Furnace Brick Co.
EMPIRE—Minor Fire Brick Co.
Stratton Fire Clay Co.
HAYDENVILLE—Haydenville Co.
IRONDALE—East Ohio Sewer Pipe Co.
Standard Fire Brick Co.
IRONTON—Ashland Fire Brick Co.
LOGAN—Hocking Clay Mfg. Co.
LOUISVILLE—Louisville Brick and Tile Co.
MARIETTA—Cisler, Thos. & Son
MASSILLON—Massillon Stone & Fire Brick Co.
MILLERSBURG—Millersburg Brick & Tile Co.
MINERAL CITY—American Fire Brick & Clay Co.
Holden, C. E.
Model Brick Co.
Nelsonville Sewer Pipe Co.
NILES—Niles Fire Brick Co.
OAK HILL—Etna Fire Brick Co.
Davis Fire Brick Co.
Oak Hill Fire Brick & Coal Co.
Ohio Fire Brick Co.
PORTSMOUTH—Portsmouth-Harbison-Walker Co. (of Pittsburg, Pa.)
SCIOTOVILLE—Scioto Fire Brick Co.
STRASBURG—Dover Fire Brick Co.
National Fire Brick Co.
TORONTO—Myers Clay Mfg. Co.
UHRICHSVILLE—Buckeye Fire Clay Co.
WELLSVILLE—Buckeye Brick Works
ZANESVILLE—Harris Brick Co., 28 N 2d
Townsend, T. B., Brick & Contracting Co., 195 Market

OREGON.

PORTLAND—McCraken, J. Co.

PENNSYLVANIA.

ALLENTOWN—Ritter & Saylor, 331 N Front
BEECH CREEK—Penna Fire Brick Co.
BOLIVAR—Curwensville Fire Brick Co.
Lincoln Firebrick & Shape Co.
Reese-Hammond Fire Brick Co.
CATASAUQUA—Lehigh Fire Brick Works
CLEARFIELD—Clearfield Fire Brick Co.
Harbison & Walker Co.
CONNELLSVILLE—Soisson, Jos., Fire Brick Co.
DARLINGTON—Darlington Brick & Mining Co.
DUNBAR—Dunbar Fire Brick Co.
FALLSTON—Fallston Fire Clay Co.
HYNDMAN—Savage Fire Brick Co., Ltd.
JOHNSTOWN—Haws, A. J. & Son
Mount Union Silica Brick Co.
Swank's, Hiram Sons
KEYSTONE JUNCTION—Savage Fire Brick Co.
KITTANNING—Kittanning Brick & Fire Clay Co.
LATROBE—McFeeley-Wheeler Brick Co.
LAYTON—Humphries, E. A.
Stuart Firebrick Co.
LOCK HAVEN—Penna. Fire Brick Co.
Queen's Run Fire Brick Co.
M'KEESPORT—Bowman Bros.
MANORVILLE—Reese, Isaac & Sons
MANOWN—Manown Mfg. Co.
MILLHALL—Harbison-Walker Co.
Mills Hall Brick Works
MONACA—Welch Fire Brick Works
MOUNT BRADDOCK—Eureka Fire Brick Co.
MOUNT UNION—Harbison-Walker Co.
Haws, W. H., Fire Brick Co.
Mt. Union Silica Brick Co.
NEW BRIGHTON—Smith, A. F., Co.
NEW CASTLE—Marquis Limestone & Clay Co. (capacity 200,000)

OSCEOLA—Osceola Silica & Fire Brick Co.
PHILADELPHIA — **BORGNER, CYRUS** Co., 23d ab Race
Boulter Mfg. Co., 1617 North
Hyzer & Lewellen, 952 N 9th
Kolb, G. & W., Wiccacoe nr Jackson
McHenry, James, 2310 Washington av
MAURER, HENRY & SON, Penna bldg. (See adv. inside front cover)
NATIONAL FIRE PROOFING CO., Land Title bldg. (See adv. index, end of book)
Phila. Clay Material Co., 4629 Girard av
Phila. Fire Brick Works, 2306 Vine
Sweeny, Geo. & Co., 1334 Ridge av
Trenton Fire Brick Co., 1348 N 9th
Valentine, M. D. & Bro. Co., Land Title bldg
West Branch Fire Brick Co., 1319 Wash av
West Virginia Fire Clay Mfg. Co., 1420 Chestnut
PITTSBURG—American Clay Mfg. Co., Keystone bldg
American Sewer Pipe Co., Bessemer bldg
Clearfield Fire Brick Co., Ferguson bldg
Dunbar Fire Brick Co., Arrott bldg
Gloninger & Co., 345 4th av
Hammond Fire Brick Co., Park bldg
Harbison-Walker Refractories Co., Farmers' B'k bldg.
Iron City Fire Brick Works, 1530 2d av
Kier Fire Brick Co., 341 6th av
Kittanning Brick & Fire Clay Co., Empire bldg
Ligonier Silica Brick Co., Farmers' B'k bldg
Lincoln Fire Brick & Shape Co., Farmers' Bank bldg
McFeely Brick Co., Frick Co.
McKallip, L. S., & Co., 2829 Smallman
McLain, E. S., & Son, Park bldg
Manown Mfg. Co., 232 5th av
Mack Mfg. Co., Arrott bldg
Mount Union Silica Brick Co., Park bldg
NATIONAL FIRE PROOFING CO., Bessemer bldg. (See adv. index, end of book
Penna. Silica Brick & Mfg. Co., Conestoga bldg
Reese-Hammond Fire Brick Co., Park bldg
Savage Fire Brick Co., Park bldg
Standard Fire Brick Co., Smith bldg
Welch Fire Brick Works, House bldg
Welch, Gloninger & Maxwell, 345 4th av
Westmoreland Brick Co., 2d Natl Bk bldg
PITTSTON—American Brick & Clay Co.
READING—Eckert, Geo. J. (Est. of), 458 Canal
Fox, E. S. & Co.
Reading Fire Brick Works, 4th c Canal
RENOVO—Renovo Fire Brick & Clay Works
ROCHESTER—Barnes, S. & Co., Ltd.
ROYERSFORD—Lewin, Thomas & Co.
SALINA—Kier Fire Brick Co.
SANDY RIDGE—Sandy Ridge Fire Brick Co.
ST. MARYS—Elk Fire Brick Co.
SHARON—Rose, J. V. & Son
SLIGO—Miller, J. B. & Son
VANPORT—Dands, Geo., & Co.
Gloninger & Co.
Vanport Brick Co.
WIGTON—Philipsburg Fire Brick Wks.
WILLIAMS—Savage Fire Brick Co.
WILLIAMSPORT—Burns Firebrick Co.
WOODLAND—Harbison & Walker Co.
WYOMING—Hutchins, Jno. A. & Co.

TENNESSEE.

CHATTANOOGA—Miller-Burns Fire Brick Co.
Montague & Co.

TEXAS.

ATHENS—Athens Fire Brick Co.
GALVESTON—Parr, Wm. & Co. (English Imported)

VERMONT.

RUTLAND—Rutland Fire Clay Co.

VIRGINIA.

CLAYVILLE—Powhattan Clay Mfg. Co.
RICHMOND—Powhattan Clay Mfg. Co., 14 N 7th

WASHINGTON.

LITTLE FALLS—Little Falls Fire Clay Co.
SEATTLE—Denny Clay Co.
SPOKANE—Washington Brick, Lime & Mfg. Co.

WEST VIRGINIA.

FAIRMOUNT—Hammond Fire Brick Co.
NEW CUMBERLAND—American Fire Brick Co.
W. Va. Fire Clay Mfg. Co.
Mack Mfg. Co.

Brick Mfrs. (Fire Flashed)

Dagus Brick Co., Daguscahonda, Pa.
Iron Clay Brick Co., Ruggery bldg, Columbus, Ohio
KREISCHER BRICK MFG. CO., 119 E 23d, New York. Works: Kreischerville, S. I., N. Y. See adv. index, end of book)

Brick Mfrs. (Front)

Firms indicated by a dagger (†) in front of their name manufacture both Standard & Roman sizes.

Manufacturers' Agents are indicated thus (mfrs. agents) between their name and address.

Manufacturers of ornamental shapes are indicated thus (also ornamental) between their name and address.

CONSULT INDEX OF CONTENTS FOR OTHER BRICK & CLAY PRODUCTS.

ALABAMA.

BIRMINGHAM—Copeland Brick Co.
COALDALE—Southern Clay Mfg. Co.
MOBILE—Bennett, John J.
MONTGOMERY—Holt, B. L. & Co.

ARKANSAS.

HELENA—Struh's, N. Sons
FORT SMITH—Fort Smith Pressed Brick & Tile Works
LITTLE ROCK—Clark Pressed Brick Co. (Red & Ornamental)
MALVERN—Clark Pressed Brick Co. (Red & Ornamental)

CALIFORNIA.

LINCOLN—†Gladding, McBean & Co. (Buff & Ornamental)
LOS ANGELES—California Ornamental Brick Co.
†Los Angeles Pressed Brick & T. C. Co. (Buff, Red & Ornamental)
OAKLAND—Gladding, McBean & Co., Webster & 14th
SAN FRANCISCO—Clark, N., & Sons, 17 Spear
†Gladding, McBean & Co. (Buff & Ornamental), Rialto bldg
Steiger Terra Cotta & Pottery Works, Mills bldg
SAN JOSE—Steiger, Geo. A. (Buff only)
STOCKTON—San Joaquin Brick Co.

COLORADO.

BOULDER—Boulder Pressed Brick Co.
DENVER—Boulder Shale Brick Assn.
Denver Pressed Brick Co., Temple ct
Denver Sewer Pipe & Clay Co., Continental bldg
Denver Terra Cotta Lumber Co., 1324 S. Tremont
†Golden Pressed & Fire Brick Co. (Buff, Red & Ornamental), 435 15th

CONNECTICUT.

BERLIN—Donnelly Brick Co.
Merwin, Chas. P. Brick Co.
HARTFORD—Curtis, D. J. & Son, 737 Windsor av
Hartford Faience Co. (Enameled)
NEW HAVEN—Howard Co.
Stiles, I. L. & Son Brick Co., 335 East
Stiles & Hart Brick Co.
NEW LONDON—Fisher's Island Brick Mfg. Co.

DELAWARE.

WILMINGTON—Oberly, Jas. B.

DISTRICT OF COLUMBIA.

WASHINGTON—Corning, John Herbert (Mfrs.' Agent), 520 13th, N W
Virginia Brick Co., 930 F, N W
Walker, W. T. Brick Co., 8 Corcoran bldg
Washington Brick & Terra Cotta Co., 328 Pa av, N W
†Washington Hydraulic Press Brick Co. (Buff, Red & Ornamental), Colorado bldg
West Bros. Brick Co., 718 15th, N W

GEORGIA.

ATLANTA—Chattahoochee Brick Co. (Red), 10 Decatur
Kreigshaber, V. H. (Buff mfrs.' agts.), 6 N Forsyth
AUGUSTA—Augusta Brick Co.
COLUMBUS—Berry, Geo. O. & A. F.
MACON—Stevens', H. Sons Co.
MILLEDGEVILLE—McMillan, J. W.
ROME—Rome Brick Co. (Buff & Red), 207 Upper

ILLINOIS.

ALTON—Acme Pressed Brick Co.
BARTONVILLE—Mauerman, Frank
Randall, Henry
BEARDSTOWN—Meyer, H. C.
BELLEVILLE—Belleville Brick Co. (Red, Pressed & Ornamental)
BLOOMINGTON—Bloomington Pressed Brick Co.
CARMI—Eskerle, Stephen
CERRO GORDO—Bruaw, Henry & Son
CHICAGO—American Brick Co., 45 S Robey
American Sand Brick Co., 225 Dearborn
Bach, Wm., & Sons, 1937 N Western av
Burke, Alex. S., 40th av & W 19th
Chicago Brick Co., 138 Wash'n
†Chicago Hydraulic Pressed Brick Co. (Buff, Red & Ornamental), 138 Wash'n
Illinois Brick Co., 138 Wash'n
Jenkens & Reynolds Co. (Mfrs. Agts. Buff & Red), Chamber of Commerce
Kemnitz & Schneider, 1258 Oakdale av
Kimbell, S. S., Brick Co., 138 Wash'n
Labahn Brick Co., 92 Lasalle
Murphy & Lorimer Brick Co, 59 Clark
Sexton, Jno. M. L., 39th & Leavitt
COLLINSVILLE—Illinois Hydraulic Pressed Brick Co.
DECATUR—Decatur Brick Co.
EDWARDSVILLE—Richards, B. H.
HAMPSHIRE—Backus & Sholes
LA SALLE—†La Salle Pressed Brick Co. (Buff, Red & Ornamental)
LINCOLN—Lincoln Coal Co. (Standard Shape Only, Sand Brick)
MOMENCE—Tiffany Enameled Brick Co. (Red & Ornamental
NEWBERN—McNeil Pressed Brick Co. (Plain, Ornamental, Red, etc.)
PAWNEE—Farnum, L .C.
PEKIN—Jansen, Jno.
STREATOR—Barr Clay Co.

INDIANA.

ANDERSON—Indiana Brick Co. (Sand Moulded Face
BRAZIL—Indiana Paving Brick & Block Plant.
CAYUGA—Cayuga Brick & Coal Co. (Buff & Red)
EVANSVILLE—Evansville Pressed Brick Co.
HILLSDALE—Hillsdale Fire Brick & Clay Co.
INDIANAPOLIS—Marion Brick Works (Red)
KOKOMO—Leach, J. M. & Co.
LAFAYETTE—Star City Brick Co.
MARION—Marion Brick Works (Red)
MONTEZUMA—Marion Brick Works
TERRE HAUTE—Terre Haute Pressed Brick Co.

INDIAN TER.

ARDMORE—Ardmore Coal & Power Co. (Pressed)
SAPULPA—Sapulpa Pressed Brick Co.

IOWA.

COUNCIL BLUFFS—Besley, L. C.
DES MOINES—Capitol City Brick & Pipe Co., W. S. 12th
Dale Brick Co.
Iowa Brick Mfg. Co.
GLADBROOK—Gladbrook Pressed Brick & Tile Co
GRAND JUNCTION—Goodwin, Tile & Brick Co. (Buff, standard shapes only)
LEHIGH—Corey Pressed Brick Co. (Buff, Red & Ornamental)
MASON CITY—American Brick & Tile Co.
Mason City Brick & Tile Co.
MONTICELLO—Gibson, Jno.
MUSCATINE—Muscatine Pressed Brick Co.
SERGEANT BLUFFS—Holman, C. J., & Bro.
SIOUX CITY—Sioux City Brick & Tile Works
TOLEDO—Wild & Son
VAN METER—Platt Pressed & Fire Brick Co.

KANSAS.

COLUMBUS—Metzler, Phil. C.
TOPEKA—Capital City Vitrified Brick & Paving Co.
VANCE—Gump, E. J., Pressed Brick Co.

KENTUCKY.

COVINGTON—Busse Brick Co.
FULTON—Bransford, G. H.
LONDON—London Mfg. Co. (Mottled only)
LOUISVILLE—Hydraulic Brick Co. (Inc.), 2301 12th
Tyler, Owen (mfrs. agts.), Tyler bldg.
PADUCAH—Katterjohn, F. W. & Son

LOUISIANA.

BATON ROUGE—Baton Rouge Brickyard Co.
NEW ORLEANS—Louisiana Hydraulic Pressed Brick Co.
TANGIPAHO—Newsom's, M. S. Sons

MAINE.

LEWISTON—Libby, Horace, 544 Main
SACO—Marston & Durgin
WATERVILLE—Purington, H. & Co.
WESTBROOK—Hawkes Brick Works (Inc.)

MARYLAND.

BALTIMORE—Baltimore Brick Co. (Buff & (Red), Maryland Trust bldg.
Burns, Russell & Co., 6 South
CAMBRIDGE—Leonard, J. C.
CUMBERLAND—Cumberland Granite Brick Co.
EASTON—White, J. H. & Son
ST. MICHAELS—Hope, Clifton
SALISBURY—Salisbury Brick Co.

MASSACHUSETTS.

BOSTON—**BOSTON FIRE BRICK CO.** (Geo. M. Fiske, Mgr.), (Buff, Red & Ornamental, 164 Devonshire. (See adv. below)
Fiske Brick Co., 715 Devonshire
Phila. & Boston Face Brick Co. (Light & Red), 165 Milk
IPSWICH—Brown, J. A.
MEDFORD—Casey, Thomas
NORTHAMPTON—Bailey, Wm. A.
SPRINGFIELD—Curtis, D. J.

MICHIGAN.

BUCHANAN—Blodgett & Blodgett
CLIO—Oliff, Thos.
DETROIT—American Pressed Brick Co., Union Trust bldg
Clippert, Geo. H. & Bro., 12 Peninsular Bank bldg.
Detroit Red Pressed Brick Co., Hammond bldg
Holmes, F. B. & Co. (mfrs. agts.), Hammond bldg.
GRAND RAPIDS—Grand Rapids Brick Ass'n, 103 Monroe
Michigan Brick Co., 470 S Division
IONIA—Vander, Heyden, Fred. H.
JACKSON—Jackson Press Brick Co.
LAPEER—White, Robt. A.
LUDINGTON—Sperry, G. F.
OWOOSO—Frieseke, J. & H.
PONTIAC—Osmun, W. H., Jr.
ST. CLAIR—Sheldon, Chas.
WHITEHALL—Ruggles, E. M.
ZEELAND—Zeeland Brick Co.

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ALBERT LEA—Rusfeldt, M. T. (Buff)
ALEXANDRIA—McKay, J. A.
AUSTIN—Barr, E.
CHASKA—Grenier & Corning (Buff)
DRESBACH—Sherwood & Johnson
MINNEAPOLIS—Hewson, S. J. & Co. (mfrs. agts), 10 N. 3d
Menomonee Hydraulic Press Brick Co., 10 N 3d
Twin City Brick Co. (Buff, Red & Ornamental)
Wisconsin Red Pressed Brick Co., 409 Hennepin av
NEW ULM—Aufderheide, Fr.
ST. PAUL—Grenier & Corning (Buff), Germania Life bldg
LAWES, G. H. & CO. (Mfrs. Agts.), Gilfillan blk. (See adv. index, end of book)
Twin City Brick Co. (Buff, Red & Ornamental), Manhattan bldg.
SHAKOPEE—Schroeder Brick Mfg. & Merc. Co. ("Red, Pressed & Ornamental").
SPRINGFIELD—Ochs, A. C.
WARREN—Lundgren, August

MISSISSIPPI.

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HANNIBAL—Hannibal Press Brick Co.
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†Kansas City Hydraulic Press Brick Co. (Buff, Red & Ornamental), Postal Tel. bldg.
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†Hydraulic Press Brick Co. (Buff, Red & Ornamental), 936 N 1st
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†Ill. Supply & Construction Co. (Mfrs.' Agts., all colors & shapes), 313 N 9th
†Ittner, Anthony Brick Co. (Red & Ornamental), Odd Fellows' bldg
†McEwing & Thomas (Buff, Red & Ornamental), 501 Benoist bldg
McNeil Press Brick Co. (Plain, Ornamental, Red, Etc.), Chemical bldg
Menomonie Hydraulic Press Brick Co., 705 Olive
Missouri Fire Brick Co., 411 Olive
Ohio Press Brick Co., 705 Olive
Parker-Russell Mining & Mfg. Co., 417 Pine
Progress Press Brick & Machine Co. (Red & Ornamental), King's Highway & Oak Hill
St. Louis Press Brick Co., Cass av & Collins
Superior Press Brick Co., 3190 King's Highway
Tiffany Enameled Brick Co., Chemical bldg
Union Press Brick Works, 705 Olive

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BUTTE—Butte Sewer Pipe & Tile Co., 27 W Granite

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OMAHA—†Omaha Hydraulic Press Brick Co. (Buff, Gray, Red, Pompelian, etc.), 523 S 16th
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TONOPAH—Tonopah Pressed Brick Co.

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GONIC—Boston Brick Co.
New England Brick Co.
Spiers-Fisk Co.
SUNCOOK—Sargent, Warren.
Simpson, Geo. N.

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KINKORA—Dobbins, Murrell
LITTLE FERRY—Felter, I. & W.
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MAURER—**MAURER, H. & SON.** (See adv. index, end of book)
NEWARK—Blue Ridge Enameled Brick Co., 763 Broad
Sayre, Jas. R., Jr., & Co., River nr Centre st depot
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ROSENHAYN—†Kilborn & Gibson (Buff & Red)
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Pettit Co.
Pettit & Cook Co.
Whitehead, Jno.
Willett, S. J.
Yates Bros.
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Fell & Roberts (Red & Ornamental), 501 Calhoun
Kafer, H. C. & Co. (Red), Princeton av
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Brush Bros. (Buff, Red & Ornamental), Builders' Ex. bldg
Diamond Fire Clay Co., 179 Ellicott
Dietschler, B. Henry, Sons, Weiss nr Clinton
Hall & Sons, 69 Tonawanda
Jewettville Pressed & Paving Brick Co. (Red & Ornamental), Builders' Ex. bldg
Lancaster Brick & Tile Co., Builders' Exch.
Lyth, Jno. & Sons, 48 W Eagle
Ross, Jas. H., 141 Erie
CANANDAIGUA—†New York Hydraulic Press Brick Co. (Buff, Red & Ornamental)
CARTHAGE—Wrape & Peck
CORNING—†Brick Terra Cotta & Tile Co. (Buff, Red & Ornamental)
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Pfotenhauer & Nesbit (Mfrs.' Agts.), 1133 B'way
†Powhatan Clay Mfg. Co. (White, Silver Gray & Salt & Pepper Gray), 1123 B'way
SAYRE & FISHER CO. (Various of Colors, Plain & Ornamental), 207 B'way (See adv. front inside cover)
THOMAS, E. H. (Mfrs' Agt.), (Buff & Red), 1123 B'way

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Onondago Vitrified Brick Co., 611 S. A. & K. bldg
UTICA—Utica Pressed Brick Co., Mann bldg
WATERTOWN—Watertown Pressed Brick Co., (Red), 240 Main

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Ashville Brick Works Co.
Hildebrand, D. S.
CHARLOTTE—Charlotte Brick Co.
ELIZABETH CITY—Elizabeth City Brick Works
POMONA—Pomona Terra Cotta Co.
WINSTON-SALEM—Hadgcock, Robt.

OHIO.

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BREGON—Burns, Geo. H.
CINCINNATI—**CINCINNATI WALL TIE** Co., 228 W 4th. (See adv. index, end of book)
CLEVELAND—Barkwill Brick Co., ft of Herald
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Stowe-Fuller Co., Superior bldg.
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COLUMBUS—Columbus Brick & Terra Cotta Co. (Buff, etc.), Marzetti bldg
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Roth, Wm. & Son, cor Meadow & Sumner av
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DUNBAR—Dunbar Fire Brick Co. (Buff, Etc.)
ERIE—Dudenhoefer, Frank, 132 W 24th
FALLSTON—†Fallston Fire Clay Co. (Buff & Ornamental)
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HARRISBURG—Bigler, S. L. & Co.
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Walton Quarries
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LAYTON—Bownman Bros.
Fayette Mfg. Co.
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M'KEESPORT—Bowman Bros.
MIDDLETOWN—Keener, H. O.
MILL HALL—Mill Hall Brick Works (Red)
MONACA—†Welch Fire Brick Wks.
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Smith, A. F. & Co.
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NORTH EAST—Kane, John
OXFORD—Slack, Branson
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Conway, Wm., 58th, c Walnut
Dobbins, Murrell, 1511 Sansom
†Eastern Hydraulic Press Brick Co. (Buff, Red & Ornamental), Real Estate Trust bldg
Equitable Brick Mfg. Co., 4101 Chestnut
Excelsior Brick & Stone Co., 423 Walnut
†Jarden Brick Co. (Red & Ornamental), 423 Walnut
McAvoy's, Thos. B., Sons, N Town la nr Ktn av
McAvoy & Morris, S., 31st & Dickinson
McAvoy & McMichael, S 27th cor Dickinson
Mack Mfg. Co. (Vitrified), Land Title bldg
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Boyd Hill Brick Co., c Vickroy & Magee
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Fulcher & Dyas Brick Co., 301 Church

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Harry, J. M. & Co., N. Texas bldg
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FERRIS—Atlas Pressed Brick Works
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WISCONSIN.

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Wisconsin Red Brick Co.
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RACINE—Hilker Bros. Brick Mfg. Co.
Lathrop, W: H.
STEPHEN'S POINT—Langenberg Brick Mfg. Co.

Brick Mfrs. (Furnace Arch & Roof)

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Hocking Clay Mfg. Co. (Vitrified, Encaustic & Rock Faced), Logan, O.
Model Brick Co., Mineral City, O.

Brick Mfrs. (Granite Pressed)

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Brick Mfrs. (Hollow)

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Braislin, Jno. & Sons, Crosswicks, N. J.
Brandt Clay Product Co., Binghamton, N. Y.
Brazil Brick and Pipe Co. (Cellar Paving), Brazil, Ind.
Canton Tile Hollow Brick Co., New Bethlehem, Pa.
Collinwood Shale Brick Co., Collinwood, O.
Columbus Clay Mfg. Co.
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Davis, W. L., Berlin, Conn.
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Eggers Brick Co., Cleveland, O.
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Grenier & Corning, 301 Pioneer bldg, St. Paul, Minn., Minneapolis, Minn., & Chaska, Minn.
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Klein, C. H., Brick & Tile Co., Chaska, Minn.
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Mason City Brick & Tile Co., Mason City, Iowa
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Millersburg Brick & Tile Co., Millersburg, O.
NATIONAL FIRE PROOFING CO., Bessemer bldg, Pittsburg, Pa.: 170 B'way, N. Y.; Land Title bldg., Phila., Pa.; 140 Dearborn, Chicago, Ill., & Old South bldg, Boston. (See adv. index, end of book)
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Northwestern Fireproofing Works, Minneapolis, Minn.
Ochs, A. C., Springfield, Minn.
Onondago Vitrified Brick Co., Syracuse, N. Y.
Parker-Russell Mining & Mfg. Co., 417 Pine, St. Louis, Mo.
Penna. Fireproofing Co., St. Marys, Pa.
PIONEER FIRE PROOFING CO., 204 Dearborn, Chicago, Ill. (See adv. index, end of book)
Pittsburg & Buffalo Co., Frick bldg., Pittsburg, Pa.
Rochester Brick & Tile Mfg. Co., Powers blk, Rochester, N. Y.
SAYRE & FISHER CO., 207 B'way, N. Y., & Sayreville, N. J. (See adv. front inside cover)
Sioux City Brick & Tile Works, & Riverside Brick Works, Souix City, Ia.
Whiteacre Fire Proofing Co., Waynesburg, O.

Brick Mfrs. (Huennekes' System)

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Brick Mfrs. (Mottled)

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Atlantic Brick Mfg. Co. (Standard & Roman size), Betz bldg, Phila., Pa.
†Baltimore Brick Co., Atlantic Trust bldg, Baltimore, Md. Works, Baltimore
Blandford Brick & Tile Co., 14 E. Worcester, Worcester, Mass.
BOSTON FIRE BRICK CO. (Geo. M. Fiske, Mgr.), 161 Devonshire, Boston, Mass. (See adv. index, end of book)
Canton Sparta Brick Co., Mineral City, O.
Chicago Hydraulic Press Brick Co. (Mottled & Ornamental), 138 Washn, Chicago, Ill.
Dagus Brick Co. (Gray, Buff, Red & Mottled). Daguscahonda, Pa.
Dickey, W. S., Clay Mfg. Co. (Standard Only), N. Y. Life bldg, Kansas City, Mo.
Dover Fire Brick Co., Cuyahoga bldg, Cleveland, O. Works: Strasburg, O.
Dunbar Fire Brick Co., Arrott bldg, Pittsburg, P a.; Dundar, Pa.
†Eastern Hydraulic Press Brick Co. (Mottled & Ornamental), Real Estate Trust bldg., Phila., Pa.; Works, Winslow Junction, N. J.
Everhard Co., Massillon, O.
†Fallston Fire Clay Co. (Mottled & Ornamental), office and works, Fallston, Pa.
FREDENBURG & LOUNSBURY, 289 4th av, ew York. (See adv. index, end of book
Fulcher & Dyas Brick Co., Nashville, Tenn.
†Fuller Brick & Slate Co. (Ltd.); office & works, Pine Grove Furnace, Pa.
†Gladding, McBean & Co. (Mottled & Ornamental), Rialto bldg., San Francisco, Cal. Works, Lincoln, Cal.
Gloninger & Co., B'k for Savings bldg, Pittsburg, Pa., Vanport, Pa.
†Golden Pressed & Firebrick Co. (Mottled & Ornamental), 431 15th, Denver, Col.
Harbison-Walker Refractories Co., Farmers' Bank bldg., Pittsburg, Pa.
†Hydraulic Press Brick Co., 936 N 1st, St. Louis, Mo.
Ironclay Brick Co., Ruggery bldg., Columbus, O.
†Jarden Brick Co. (Mottled & Ornamental), 423 Walnut, Phila., Pa.
Jenkins & Reynolds Co. (mfrs.' agents), Cham. of Commerce bldg, Chicago
Kittanning Brick & Fire Clay Co. (Buff, Gray & Mottled), Empire bldg., Pittsburg, Pa.
KREISCHER BRICK MFG. CO., 119 E 23d, New York. Works: Kreischerville, S. I., N. Y. (See adv. index, end of book
La Salle Pressed Brick Co., La Salle, Ill.
†McEwing & Thomas (Mottled & Ornamental), 202 N. 9th, St. Louis, Mo
†Marquis Limestone & Clay Co. (Mottled & Ornamental), office and works, New Castle, Pa.
Menomonie Hydraulic Press Brick Co., Minneapolis, Minn.
Model Brick Co., Mineral City, O.
†New York Hydraulic Press Brick Co. (Mottled & Ornamental), 27 St. Paul, Rochester, N. Y. Works, Canandaigna, N. Y.
Omaha Hydraulic Press Brick Co., 523 S 16th, Omaha, Neb.
Person, O. D. (mfrs. agent for all shades and shapes), 160 5th av., New York
Perth Amboy Terra Cotta Co., 160 5th av., N. Y.; Works, Perth Amboy, N. J.
Powhattan Clay Mfg. Co., Richmond, Va.; 1123 B'way, New York. Works, Calyville, Va.
†Progress Press Brick & Machine Co. (also Ornamental), Kings Highway & Oak Hill, St. Louis, Mo.
Ralston Brick Co. (Standard Shapes Only), Ralston, Pa.
†Ridgway Brick Co., office & works, Ridgway, Pa.
Ohio Pressed Brick Co., Roseville, O.
†**SAYRE & FISHER CO. (Mottled &** Ornamental), 207 Broadway, N. Y. Works, Sayreville, N. J. (See adv. front inside cover)
Union Pressed Brick Co., 120 Cham. of Commerce, Chicago, Ill.
Vanport Brick Co. (Standard Shapes Only), Farmers' Bank bldg., Pittsburg, Pa. Works, Vanport, Pa.
†Washington Hydraulic Press Brick Co. (Mottled & Ornamental), 1416 F, n w. Washington, D. C.
Welsh, Gloninger & Maxwell, 345 4th av

Brick Mfrs. (Rock Faced)

(See Steel Brick & Rock Face Siding)

Brick Mfrs. (Silica)

Diamond Fire Brick Co., Canon City, Colo.
Harbison-Walker Refractories Co., Farmers' Bank bldg., Pittsburg, Pa.
Haws, A. J., & Son Co., Johnstown, Pa.
Ligonier Silica Brick Co., Kingston, Pa., & Farmers' Bank bldg, Pittsburg, Pa.
McFeely Brick Co., Frick bldg, Pittsburg, Pa.
Mt. Union Silica Brick Co., Park bldg., Pittsburg, Pa.; Works, Mt. Union, Pa.
Osceola Silica & Fire Brick Co. ("Coffey"), Osceola, Pa., & Pittsburg, Pa.
Penna. Silica Brick & Mfg. Co., Conestoga bldg, Pittsburg, Pa.
Rainey, W. J. (Est. of)
Reese-Hammond Fire Brick Co., Boliver, Pa., & Park bldg., Pittsburg, Pa.
Rose, Jas. V. & Son, Sharon, Pa.
Savage Fire Brick Co., Park bldg., Pittsburg, Pa.; Works, Keystone Junction, Pa., & Williams, Pa.
Soisson, Jos., Fire Brick Co., Connellsville, Pa.
Southern Fire Brick & Clay Co., 138 Wash'n, Chicago, Ill. Works: Mt. Silica, Ind.
Welch Fire Brick Works, House bldg., Pittsburg, Pa.

Brick Mfrs. (Talc Fire)

Cohutta Talc Co., Spring Place, Ga.

Brick Mfrs. (Vitrified Paving)

ALABAMA.

BESSEMER—Bessemer Fire Brick Co.
BIRMINGHAM—Copeland Brick Co.
Graves Shale Brick Co.
COALDALE—Southern Clay Mfg. Co.

ARKANSAS.

FT. SMITH—Ft. Smith Paving Brick & Fire Clay Co.

CALIFORNIA.

LOS ANGELES—California Clay Mfg. Co.
Pacific Clay Mfg. Co., 651 S B'way
SAN FRANCISCO—Steiger Terra Cotta & Pottery Works, Mills bldg
SAN JOSE—Steiger, Geo. A.

COLORADO.

DENVER—Denver Terra Cotta Lumber Co., 1324 S Tremont
Golden Pressed & Fire Brick Co., 435 15th

DISTRICT OF COLUMBIA.

WASHINGTON—Corning, John H. ("Enameled & Buff"), 520 13 N W
Potomac Brick Co.

GEORGIA.

ATLANTA—Atlanta Terra Cotta Co.
Southern Terra Cotta Works, 304 Chapel
AUGUSTA—Georgia Vitrified Brick & Clay Co.
ROME—Rome Brick Co.

ILLINOIS.

ALTON—Alton Paving, Building & Fire Brick Co
ABINGTON—Abington Paving Brick & Tile Co.
AVON—Avon Milling & Mfg. Co.
CARLINVILLE—Shale Brick & Tile Works
CARMI—Archer & Lamar
CHICAGO—Garden City Sand Co., 1203 Security bldg, Madison & 5th av
Jenkins & Reynolds Co., Chamber of Commerce bldg.
Moore, E. H. (mfrs agt.), 145 La Salle
DANVILLE—Western Brick Co.
EAST PEORIA—Carter, F. R.
GALESBURG—Galesburg Paving Brick Works
Purington Paving Brick Co.
LINCOLN—Lincoln Coal Co.
MACOMB—Macomb Sewer Pipe Co.
MATTOON—Mattoon Tile Co.
MONMOUTH—Monmouth Mining & Mfg Co.
QUINCY—Gem City Paving Brick Co.
SPRINGFIELD—Sangamo Brick Co.
Springfield Paving Brick Co.
STREATOR—Barr Clay Co.
Streator Paving Brick Co.

INDIANA.

BRAZIL—Brazil Brick and Pipe Co.
Excelsior Clay Works
Indiana Paving Brick & Block Plant (W. W. Winslow).
CLAY CITY—Clay City Brick & Clay Co.
CLINTON—Clinton Paving Brick Co.
EVANSVILLE—Evansville Pressed Brick Co.
INDIANAPOLIS—Indiana Paving Brick & Block Plant (W. W. Winslow), Hubbard blk
TERRA HAUTE—Terra Haute Brick & Pipe Co.
VEEDERBURG—Wabash Clay Co.

INDIAN TERRITORY.

M'ALESTER—McAlester Vitrified Brick & Tile Co.

IOWA.

BURLINGTON—Granite Brick Co.
DAVENPORT—Davenport Paving Brick & Tile Co.
DES MOINES—Capital City Brick & Pipe Co.
Des Moines Co-Operative Brick Co.
Flint Brick Co.
Iowa Brick Mfg. Co.
MASON CITY—Mason City Brick & Tile Co.
Mason City Clay Works (Inc.)
OSKALOOSA—Oskaloosa Paving Brick Co.
OTTUMWA—Ottumwa Brick & Construction Co.
RIVERSIDE—Swift, H. L.
SIOUX CITY—Sioux Paving Brick Co.

KANSAS.

ATCHINSON—Atchinson Paving Brick Co.
CHANUTE—Coffeyville Vitrified Brick & Tile Co.
CHERRYVALE—Coffeyville Vitrified Brick Co.
COFFEYVILLE—Coffeyville Pressed & Paving Brick Co.
Coffeyville Shale Brick & Roofing Tile Co.
Coffeyville Vitrified Brick & Tile Co.
INDEPENDENCE—Coffeyville Vitrified Brick & Tile Co.
LAWRENCE—Lawrence Vitrified Brick & Tile Co.
PITTSBURG—Pittsburg Vitrified Paving & Building Brick Co.
SALINA—Salina Vitrified Brick Co.
TOPEKA—Capital City Vitrified Brick & Paving Co., 107 6th av

KENTUCKY.

FIRE BRICK—Portsmouth Harbison-Walker Co.
FIRECLAY—Grahn, K. B. Co., 508 W. Jefferson
LOUISVILLE—Kentucky Vitrified Brick Co., 508 W Jefferson
Tyler, Owen (mfrs. agent), 341 W. Jeff.
PADUCAH—Katterjohn, F. W. & Sons, 133 B'way

MICHIGAN.

DETROIT—Standard Shale Brick Co., Abbott cor 1st
GRAND RAPIDS—Grand Rapids Brick Co.
SAGINAW—Saginaw Paving Brick Co.
Saginaw Sandstone Brick Co.

MISSOURI.

BOONVILLE—Boonville Vitrified Brick & Tiling Co.
JOPLIN—Joplin Vitrified Brick Co.
KANSAS CITY—Dickey, W. S., Clay Mfg. Co.
Kansas City Paving Brick & Tile Co., K. & P. bldg.
Pittsburg Vitrified Paving & Building Brick Co., Mass bldg.
ST. LOUIS—Laclede Fire Brick Mfg. Co., Manchester & Sulphur avs
St. Louis Clay Burning Co. (Paving), Carleton bldg
St. Louis Pressed Brick Co., Cass av & Collins
St. Louis Vitrified & Fire Brick Co., 105 N. 7th

NEBRASKA.

BEATRICE—Beatrice Brick Works
PLATTSMOUTH—Plattsmouth Brick & Terra Cotta Mfg. Co.
STROMSBURG—Stromsburg Pressed Brick & Tile Co.

NEW JERSEY.

MAURER—MAURER, HENRY & SON. (See adv. front inside cover)
TRENTON—Trenton Fire Brick Co.
WHIPPANY—Hanover Brick Co.

NEW YORK.

BUFFALO—Jewettville Pressed & Paving Brick Co., Bldrs. Ex.
CATSKILL—Washburn, Geo. W., & Co.
HORNELLSVILLE—Preston Brick Co.
JAMESTOWN—Jamestown Shale Paving Brick Co.
JEWETTVILLE—Ellicott Brick Co.
MECHANICSVILLE—Ferris Paving Brick Co.

NEW YORK CITY

Boroughs of Manhattan & Bronx.

Behrend, F. (importer), 54 Front
FLEMING & CO. (Adamantine Clinker), 123 Liberty, N. Y. (See adv. index, end of book)
Harris Brick Co., 27 Gt Jones
KREISCHER BRICK MFG. CO., 119 E 23d. (See adv. index, end of book
MAURER, HENRY & SON, 420 E. 23d. (See adv. front inside cover)
NATIONAL PYROGRANIT CO., 17 Battery pl. Works: South River, N. J. (See adv. index, end of book)
Person, Orrin D., 160 5th av
THOMAS, E. H. (Mfrs.' Agent), 1123 B'way

Borough of Richmond.

KREISCHERVILLE — KREISCHER Brick Mfg. Co. (See adv. index, end of book)

(END OF NEW YORK CITY.)

SYRACUSE—N. Y. Brick & Paving Co.
Onondago Vitrified Brick Co.

NORTH DAKOTA.

GRAND FORKS—Red River Valley Brick Co.

OHIO.

AKRON—Cooper Brick Co., Spicer & South
Robinson Clay Product Co.
ALLIANCE—Auld, John & Sons
ATHENS—Athens Brick Co.
CANTON—Cleveland Brick Co.
Metropolitan Paving Brick Co.
Model Brick Co.
CLEVELAND—Cleveland Brick & Clay Co., Superior bldg
Shepard, J. J. (dealer), 45 River
COLLINWOOD—Collinwood Shale Brick Co.
COLUMBUS—Columbus Brick & Terra Cotta Co., Marzetti bldg.
Union Brick & Supply Co., Ruggery bldg
Wassall Fire Brick Co., 40 E. Spring
CONNEAUT—Harper-Norton Shale Brick Co.
EMPIRE—Minor Fire Brick Co.
Stratton Fire Clay Co.
HAYDENVILLE—Haydenville Co. (blocks)
LISBON—Excelsior Fire Clay Co.
LOGAN—Hocking Clay Mfg. Co.
MARIETTA—Cisler, Thomas & Co.
MASSILLON—Massillon Stone & Fire Brick Co.
MINERAL CITY—American Fire Brick & Clay Co.
Canton Sparta Brick Co.
Model Brick Co.
MINERVA—Minerva Paving Brick Co.
NELSONVILLE—Nelsonville Sewer Pipe Co.
NEW COMERSTOWN—Novelty Brick & Coal Co.
PORTSMOUTH—Louisville & Portsmouth Fire Brick Co.
Peebles Paving Brick Co.
Portsmouth Pressed Brick Co.
Scioto Star Firebrick Works
ROSEVILLE—Roseville Brick & Terra Cotta Co.
STEUBENVILLE—Toronto Fire Clay Co.
SOUTH ZANESVILLE—South Zanesville Sewer Pipe & Brick Co.
TORONTO—Toronto Fire Clay Co.
UHRICHSVILLE—Advance Fireclay Co.
Buckeye Fire Clay Co.
WELLSVILLE—Vulcan Clay Co.
WOOSTER—Wooster Shale Brick & Clay Co.
ZANESVILLE—Harris Brick Co., 28 N 2d
Townsend, T. B., Brick & Contracting Co. (also paving blocks)

OREGON.

PORTLAND—Diamond Brick Co.

PENNSYLVANIA.

ALLENTOWN—Allentown Paving Brick Co.
BOLIVAR—Curwensville Fire Brick Co.
Reese-Hammond Fire Brick Co.
CLEARFIELD—Clearfield Clay Working Co.
Clearfield Fire Brick Co.
CONNELLSVILLE—Soisson, Jos., Fire Brick Co.
FALLSTON—Fallston Fire Clay Co.
HAMBURG—Hamburg Vitrified Brick Co.
HARMARVILLE—Kountz Bros. Co.
JOHNSONBURG—Johnsonburg Vitrified Brick Co.
KEYSTONE JUNCTION—Savage Fire Brick Co.
KITTANNING—Kittanning Brick & Fire Clay Co.
Kittanning Clay Mfg. Co.
LAYTON—Stuart Fire Brick Co.
LOCKHAVEN—Penna. Fire Brick Co.
Queen's Run Fire Brick Co.
M'KEESPORT—Bowman Bros.
NEW CASTLE—Marquis Limestone & Clay Co.
PATTON—Patton Clay Mfg. Co.
PHILADELPHIA—Hamburg Vitrified Brick Co. 114 N. Broad
McAvoy Vitrified Brick Co., 1345 Arch
MAURER, HENRY & SON, Penna bldg. (Sec adv. index, end of book)
Mack Mfg. Co., Land Title bldg
Vulcanite Paving Co., Land Title bldg
PINE GROVE FURNACE—Fuller Brick & Slate Co.
PITTSBURG—American Sewer Pipe Co., Bessemer bldg
Dunbar Fire Brick Co., Arrott bldg.
Mack Mfg. Co., Arrott bldg.
Reese-Hammond Fire Brick Co., Park bldg
Savage Fire Brick Co., Park Bldg

Standard Fire Brick Co., Smith bldg
Union Brick Co. (Ltd.), Park bldg.
Welch, Gloninger & Maxwell, 345 4th av
READING —Montello Brick Works
Reading Shale Brick Co.
SCRANTON—Scranton Vitrified Brick & Tile Mfg. Co., 329½ N Wash'n av
SHARON—Rose, J. V. & Son
WILLIAMS—Savage Fire Brick Co.
WINDBER—Kelley, Wm. P. Brick Co.
WYOMING—Hutchins, J. A. & Co.
YOUNGSVILLE—Shale Brick Co. (Ltd.)
Standard Shale Brick Co.

RHODE ISLAND.

PROVIDENCE—N. E. Steam Brick Co., Banigan bldg

SOUTH CAROLINA.

KILLIAN—Carolina Fire Brick Co.

TENNESSEE.

CHATTANOOGA—Montague & Co.
Southern Clay Mfg. Co.
Tennessee Tile & Paving Co.
KNOXVILLE—Knoxville Brick Co.
South Knoxville Brick Co.
ROBBINS—Southern Clay Mfg. Co.

TEXAS.

ATHENS—Athens Fire Brick Co.
CALAVERAS—Mackey Brick & Tile Mfg. Co.
HOUSTON—Brady Brick Works
Butler,, M.
THURBER—Texas & Pacific Coal Co.
SAN ANTONIO—Mackey Brick & Tile Mfg. Co.

VIRGINIA.

CHILHOWIE—Southern Clay Mfg. Co.
CLAYVILLE—Powhattan Clay Mfg. Co.
LYNCHBURG—Roanoke Brick Co.
NORFOLK—Norfolk Brick & Tile Co.
RICHMOND—Powhattan Clay Mfg. Co.

WASHINGTON.

LITTLE FALLS—Little Falls Fire Clay Co.
SEATTLE—Dennis Clay Co.
Harper Brick & Pottery Co.
Pontiac Brick & Tile Co.
Seattle Brick & Tile Works
SPOKANE—Washington Brick, Lime & Mfg. Co., 1st av & Stevens

WEST VIRGINIA.

CLARKSBURG—Clarksburg Brick Co.
HURRICANE—McCallister, Wm. H.
NEW CUMBERLAND—Acme Clay Works
Mack Mfg. Co.
Porter, James

Brick Mfrs. (White)

BOSTON FIRE BRICK CO., (Geo. M. Fiske, Mgr.) (Also Ornamental), 161 Devonshire, Boston, Mass. (See adv. index. end of book
Dickey, W. F. Clay Mfg. Co. (standard only), N. Y. Life bldg, Kansas City, Mo.
•Gladding, McBean & Co. (also ornamental), Rialto bldg., San Francisco, Cal.; Works, Lincoln, Col.
•Golden Pressed & Fire Brick Co. (also ornamental), 435 17th, Denver, Col.
Hydraulic Press Brick Co., 936 N 1st, St. Louis, Mo.
•Jarden Brick Co. (also ornamental), 423 Walnut, Phila., Pa.; works, Phila., Pa.
KREISCHER BRICK MFG. CO., 119 E 23d, New York. Works: Kreischerville, S. I., N. Y. (See adv. index, end of book)
•Los Angeles Pressed Brick & Terra Cotta Co. (also ornamental), office and works, Los Angeles, Cal.
Mt. Holly Brick & Clay Co. (vitrified white & light colored), Harrisburg, Pa
•Perth Amboy Terra Cotta Co. (also ornamental), 160 5th av, N. Y.; works, Perth Amboy, N. J.
•Powhatan Clay Mfg. Co. (cream white in standard Roman, Norman and ornamental shapes), Chamber of Commerce bldg, Richmond, Va., & 1123 B'way, New York; works, Clayville, Va.
•**SAYRE & FISHER CO. (also ornamental)**, 207 Broadway, N. Y.; works, Sayreville, N. J. (See adv. front inside cover)

Brick Veneer Ties

(See Veneer Ties, Brick).

Brick & Stone Preservative

CABOT, SAMUEL ("Cabot's"), 141 Milk, Boston, Mass., & 28 Dearborn av., Chicago. (See adv. index, end of book)
LAWES, GEO. H. & CO. (Mfrs.' Agt. for "Cabots"), Gilfillan bldg, St. St. Paul, Minn. (See adv. index, end of book)

Bricklayers

(See Masons and Builders.)

Bridge Builders (Re-enforced Concrete)

(See Concrete, Steel Construction, Re-enforced.)

Bridge Builders (Rolling Lift)

Scherzer Rolling Lift Bridge Co., 1616 Monadnock blk, Chicago, Ill.

Bridge Builders (Steel)

(Bridge Builders is a duplication of Iron & Steel Structural Work.)

ALABAMA.

BIRMINGHAM—Southern Bridge Co.
MOBILE—Bailey Iron Works

CALIFORNIA.

OAKLAND—Burrell Construction Co.
Cotton Bros. & Co., 487 10th
Johnson & Peterson
SAN FRANCISCO—American Bridge Co., Crocker bldg.
Bay City Iron Works, 136 Main
Dundon Bridge & Construction Co., 223 Folsom
Healy, Tibbitts & Co., 22 Market
Pacific Construction Co., 4 California
San Francisco Bridge Co., 220 Market
Thomson Bridge Co., 129 Mission

COLORADO.

DENVER—Vulcan Iron Works, 1715 Blake
PUEBLO—Pueblo Bridge Co.

CONNECTICUT.

BERLIN—Berlin Construction (Steel) Co.
EAST BERLIN—American Bridge Co.
NEW HAVEN—Waterhouse, C. R., 40 Park
Yale Safe & Iron Co., West Haven
NEW LONDON—Scott, T. A., Co., 125 Pequot av

GEORGIA.

AUGUSTA—Lombard Iron Works & Supply Co.
NEWMAN—Cole, R. D. Mfg. Co.

ILLINOIS.

AMBOY—Jacobs, Chas. C., Bridge & Iron Works (Inc.)
CHICAGO—American Bridge Co., Monadnock blk.
CHICAGO BRIDGE & IRON Works (Horace E. Horton, Prop.), Throop and W 105th. (See adv. index. end of book)
Illinois Bridge Co., Monadnock blk
Illinois Steel Co., The Rookery
Kenwood Bridge Co., First National Bank bldg
McClintic-Marshall Construction Co., 1st Nat'l Bank bldg. Works: Pittsburg & Pottstown, Pa.
Morava Construction Co., 85th & Stewart av
Phoenix Bridge Co. (of Phoenixville, Pa.), The Rookery
Strobel, C. L., Monadnock blk.
Wisconsin Bridge & Iron Co. (of Milwaukee, Wis.), Manodnock blk
DECATUR—Decatur Bridge Co.
JOLIET—Joliet Bridge & Iron Co.
PEORIA—Lucas, A. & Sons
SPRINGFIELD—Springfield Bridge & Iron Co.
SULLIVAN—Illinois Bridge & Iron Co.

INDIANA.

ATTICA—Attica Bridge Co.
COLUMBUS—Caldwell & Drake Iron Works
EAST CHICAGO—East Chicago Bridge & Iron Works
FRANKFORT—Ross, John A.
LAFAYETTE—American Bridge Co.
Lafayette Engineering Co.
INDIANAPOLIS—American Construction Co.
Brown-Ketcham Iron Works.
Indianapolis Bridge & Iron Works
National Bridge Co. ("Concrete Steel Arch Bridge"), State Life bldg
New Castle Bridge Co.
MUNCIE—Indiana Bridge Co.
NEW CASTLE—Pan-American Bridge Co.
TERRE HAUTE—Parker, Thatcher A.
VINCENNES—Vincennes Bridge Co.
WINAMAC—Winamac Bridge Co.

IOWA.

CLINTON—Clinton Bridge & Iron Works.
COUNCIL BLUFFS—Wise, C., & Co.
DES MOINES—Des Moines Bridge & Iron Works, Tuttle n 9th
Des Moines Mfg. & Supply Co., 101 E. Court av.
Iowa Bridge Co., Crocker bldg.
King, Geo. E. Bridge Co., Equitable bldg.
Marsh Bridge Co., Equitable bldg
Stark, N. M. & Co., Crocker bldg.
DUBUQUE—Dunleith & Dubuque Bridge Co.
KEOKUK—Diver, Jas. B., Bridge Co.
OSKALOOSA—Seevers Mfg. Co.
OTTUMWA—Fair-Williams Bridge & Mfg. Co.

KANSAS.

LEAVENWORTH—Mo. Valley Bridge & Iron Works (A. J. Tullock, Prop)
TOPEKA—Elizabeth Steel Bridge Works.
Topeka Bridge & Iron Mfg. Co.

KENTUCKY.

LOUISVILLE—Louisville Bridge & Iron Co., 11th c Oldham

LOUISIANA.

NEW ORLEANS—American Bridge Co.
Bierce, Wm. W. (Ltd.), Hennen bldg

MARYLAND.

BALTIMORE—American Bridge Co.
Baltimore Bridge Co., Bush & B & O R R
Bartlett, Hayward & Co.
Frink & Hazen ("Steel & Concrete Steel")
Lauer & Harper Co., Westport

MASSACHUSETTS.

BOSTON—American Bridge Co. (of New York), 89 State
Berlin Construction Co., 131 State
Boston Bridge Works, 47 Winter
New England Structural Co., 110 State
Passaic Steel Co., 31 State
Pennsylvania Steel Co., 70 Kilby
Phoenix Bridge Co., 110 State
Smith, G. W. & F. Iron Co., 166 Devonshire
EVERETT—New England Structural Co.
SPRINGFIELD—Collins & Norton, 33 Lyman
Hawkins, R. F., Iron Works Co.
Moulton, Mace, 233 Main
Norton Bridge Co., 307 Main
Springfield Construction Co.
WORCESTER—Eastern Bridge & Structural Co., 58 Front

MICHIGAN.

DETROIT—American Bridge Co., S. W., cor Beecher av. & M C R R
Griffin, M. J., 104 Lafferty pl
Whitehead & Kales Iron Works, Beecher av & M C R R
GRAND RAPIDS—Grand Rapids Bridge Co., Pythian Temple
RICHMOND—Dresser, A. A. & Co.

MINNESOTA.

MINNEAPOLIS—American Bridge Co.
Hewitt Bridge Co.
Hewitt, W. S. & Co.
MINNEAPOLIS STEEL & MACHINery Co. (See adv. index, end of book)
ST. PAUL—**ST. PAUL FOUNDRY CO.,** Como av & Toppling. (See adv. index, end of book)

MISSOURI.

CAMERON—Dildine Bridge & Construction Co.
KANSAS CITY—Kansas City Bridge Co., 412 Mass bldg.
Midland Bridge Co., Gibraltar bldg
ST. LOUIS—American Bridge Co. (of New York
Banner Iron Wks., Koken bldg
Central Bridge Co., 706 Chestnut
Geisel Construction Co., 715 Locust
Koken Iron Works, Koken bldg
St. Louis Bridge & Iron Co., 510 Pine
STEWART, JAS. & CO., Lincoln Trust bldg, 715 Locust
Stupp Bros. Bridge & Iron Co., 202 N 9th

MONTANA.

MISSOULA—Peppard, O. E.

NEBRASKA.

LINCOLN—Smith, R. L. Machine Works
OMAHA—Standard Bridge Co.

NEW JERSEY.

PASSAIC—Union Building & Construction Co. (Bridge & Building)
PATERSON—Bogert-Carlough Co.
Passaic Steel Co.
PHILLIPSBURG—Tippet & Wood

NEW YORK.

BROOKLYN—Eastern Construction Co., 50 Classon av.
BUFFALO—American Bridge Co., 534 Ellicott sq
Buffalo Structural Steel Co., Letchworth n Grant
FRANKFORT—Acme Road Machinery Co. (Lattice & Gas Pipe Rail)
MONTOUR FALLS—Rochester Bridge & Construction Co.
NEW YORK—American Bridge Co., 100 B'way
Baltimore Bridge Co., 128 B'way; Works, Baltimore, Md.
Berlin Construction Co., 220 B'way; Works, Berlin, Conn.
Brown-Ketcham Iron Works, 1133 B'way; Works, Indianapolis, Ind.
Canton Bridge Co., 116 Nassau; Works, Canton, O.
Cooper-Wigand-Cooke Co., 152 W 34th
Dean, Schwiers & Sutton Co., 136 Liberty
Fort Pitt Bridge Wks., 45 B'way; Works, Canonsburg, Pa.
Groton Bridge & Mfg. Co., 39 Cortlandt
Illinois Steel Co., 71 Broadway
King Bridge Co., 277 B'way. Works:: Cleveland, O.
McClintic-Marshall Construction Co., 15 Park Row; Works, Pottstown, Pa., & Pittsburg
Milliken Bros., 11 B'way
National Bridge Co., 1123 B'way
N. Y. Bridge & Iron Co., 39 Cortlandt
Passaic Steel Co., 5 Nassau; Works, Paterson, N. J.
Penn Bridge Co., 949 B'way. Works: Beaver Falls, Pa.
Penna. Steel Co., 71 B'way; Works, Steelton, Pa.
Phoenix Bridge Co., 45 William; Works, Phoenixville, Pa.
Riter-Conley Mfg. Co., 39 Cortlandt
SNARE & TRIEST CO., 39 Cortlandt. (See adv. index, end of book)
OWEGO—Owego Bridge Co.
PAINTED POST—Lane Bridge Co.
ROCHESTER—Rochester Bridge & Construction Co.
SYRACUSE—Archbold-Brady Co.
Syracuse Bridge Co.

NORTH DAKOTA.

FARGO—Fargo Bridge & Iron Co.

OHIO.

BELLEFONTAINE—Bellefontaine Bridge & Iron Co.
CANTON—American Bridge Co.
Canton Bridge Co.
CINCINNATI—American Bridge Co., Union Trust bldg.
Brackett Bridge Co., 518 Walnut
CLEVELAND—American Bridge Co., Cham. of Com. bldg.
FOREST CITY STEEL & IRON CO. (See adv. index, end of book)
GARRY IRON & STEEL CO. (See adv. index, end of book)
King Bridge Co., St Clair, Head & Ruskin
Variety Iron Works Co., 1051 Hamilton
COLUMBUS—American Bridge Co.
Mount Vernon Bridge Co., 610 "The Wyandotte"
LEBANON—Oregonia Bridge Co.
MASSILLON—Massillon Bridge Co.
MOUNT VERNON—Mount Vernon Bridge Co.
SPRINGFIELD—Rogers Iron Co. (Highway).
TOLEDO—American Bridge Co.
WELLSVILLE—Carroll-Porter Boiler & Tank Co.
WILMINGTON—Champion Bridge Co.

OREGON.

PORTLAND—Pacific Bridge Co.
Phoenix Iron Works
Portland Bridge & Building Co.
Willamette Iron & Steel Wks.

PENNSYLVANIA.

ALLENTOWN—Allentown Rolling Mills (Highway)
BEAVER FALLS—Penn. Bridge Co.
CANONSBURG—Fort Pitt Bridge Works of Pittsburg
CARNEGIE—Columbia Bridge Co.
CHAMBERSBURG—Nelson & Buchanan Co.
CLAYSVILLE—South Pittsburg Iron Works
EASTON—Easton Foundry & Machine Co.
PHILADELPHIA—American Bridge Co., 261 S 4th
Cofrode & Saylor (Inc.), Real Estate Trust bldg
Dauphin Bridge & Construction Co., Heed bldg.
Etter Construction Co., 1421 Filbert
Keystone Structural Co., Harrison bldg
Penna. Steel Co., Girard bldg.
Phila. Bridge Works, Real Est. Trust bldg.
Phoenix Bridge Co., 410 Walnut
PHOENIXVILLE—Phoenix Bridge Co.
PITTSBURG—American Bridge Co., Frick bldg.
Bollinger, G. L., Construction Co., Empire bldg
Columbia Bridge Co., Park bldg.
Fort Pitt Bridge Works, House bldg.
McClintic-Marshall Construction Co., Park bldg.
Patterson-Collier Co., 424 5th av
Pittsburg Steel Construction Co.
Riter-Conley Mfg. Co., 56 Water, & 39 Cortlandt, New York
Riverside Bridge Co., Frick bldg
SCAIFE, WM. B. & SONS CO., 221 1st av. (See adv. index, end of book)
South Pittsburg Iron Works, Empire bldg
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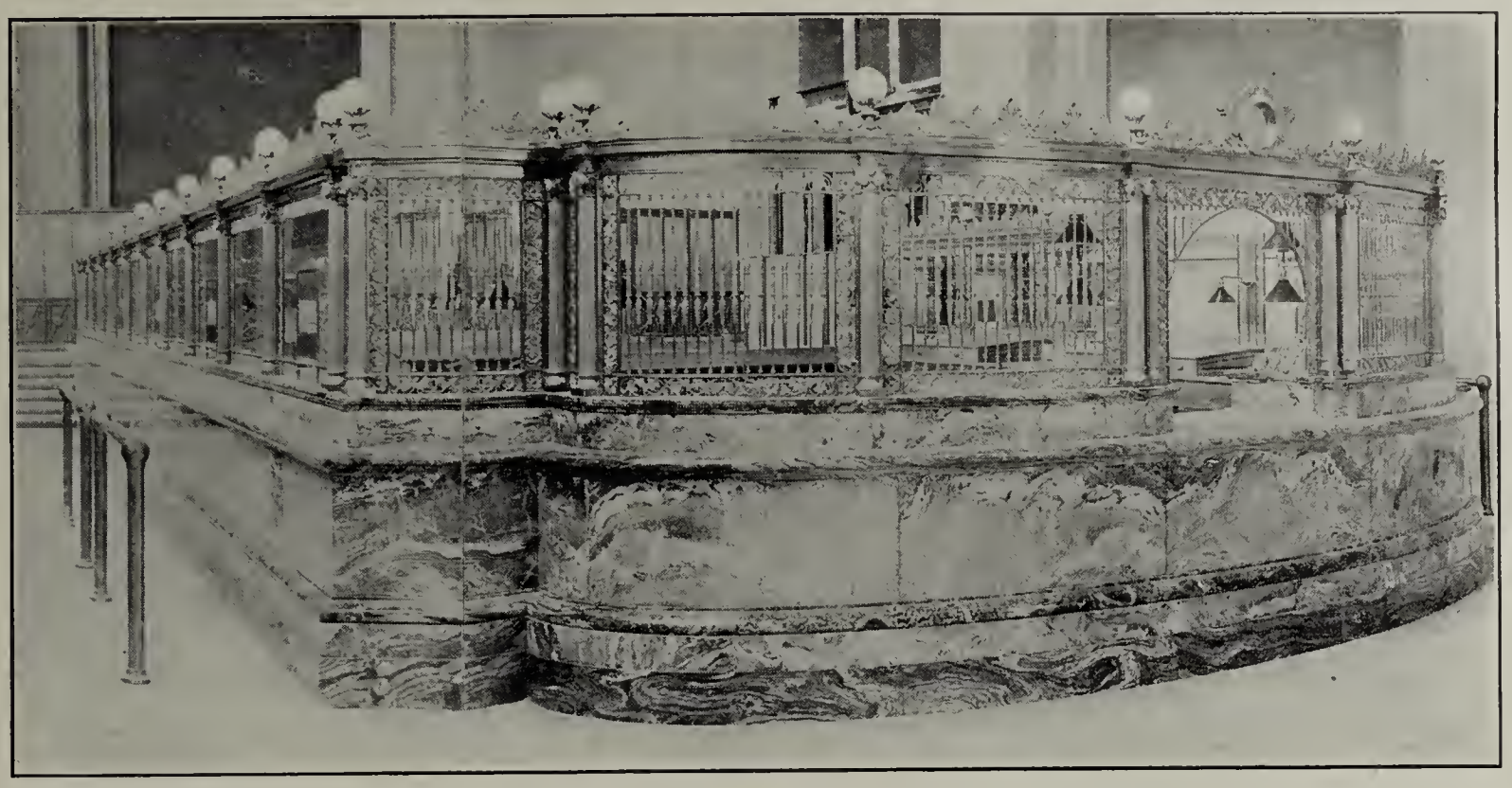
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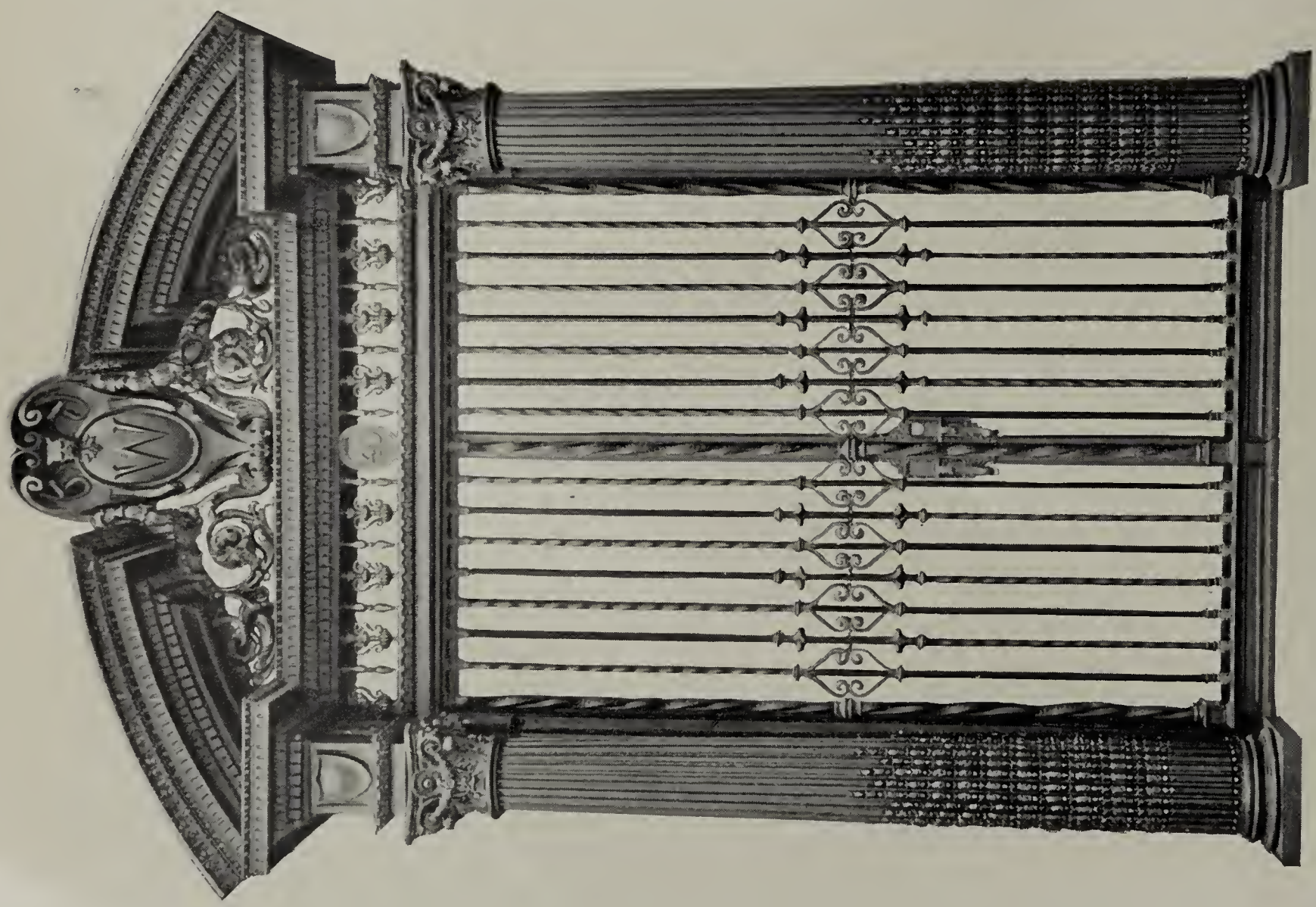
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Ludlow-Saylor Wire Co., 4th & Elm, St. Louis, Mo.
Mason Brush, 553 Main, Worcester, Mass.
Mulholland, J. H., 80 Elm, N. Y.
Murphy, Leavens & Co., 28 Exchange, Boston, Mass.
OBERMAYER, S. CO., 647 Evans, Cincinnati, O.; 18th & Rockwell, Chicago, Ill.; 35th & Charlotte, Pittsburg, Pa.; Roe bldg, St. Louis, Mo.; Majestic bldg, Detroit, Mich.; Cooper bldg, Denver, Colo.; Land Title bldg, Phila., Pa., & Mlssion st, San Francisco, Cal. (See adv. index, end of book)
OSBORN MFG. CO. (Railroad Brushes), 1331 Hamilton, Cleveland, O.
Packard, Alonzo & Co., 8 Union, Boston, Mass.
PAXSON, J. W. CO., 1021 N. Delaware av., Phila., Pa. (See adv. index, end of book.)
Pilley Packing & Flue Brush Mfg. Co., 606 S 3d, St. Louis, Mo.
Pollock Brush Co., Easton, Pa.
Rice Mfg. Co. (Wire), New Durham, N. H.
Riddiford Bros. (Specialty Machine Brushes), 251 Randolph, Chicago, Ill.
Rochester Brush Mfg. Co., 419 St. Paul, Rochester, N. Y.
SMITH, J. D. FDY. SUPPLY CO., 40 S. Water, Cleveland, O., & 2143 Central av, Cincinnati, O. (See adv. index, end of book)
Thayer's, Ellis Son, Pawtucket, R. I.
Thum, Charles D., 150 N 3d, Phila., Pa.
Voelker, Philip L., Providence, R. I.
Warner, Wm. E. & Co., 136 Centre, N. Y.
WRIGHT WIRE CO. (Steel Wire), Worcester, Mass. (See adv. index, end of book.)

Brushes (Graphite)

Dixon, Jos. Crucible Co., Jersey City, N. J.
Holmees Fibre Graphite Mfg. Co., 5155 Wakefield, Phila., Pa.
Speer Carbon Co., St. Marys, Pa.

Brushes (Horse)

Osborn Mfg. Co., 1331 Hamilton, Cleveland, O.

Brushes (Hot Water Heater)

Brackett & Flint Co. (for Sectional Heaters), 103 Merrimac, Boston, Mass.
Mulholland, J. H., 80 Elm, N. Y.
Osborn Mfg. Co. (Wire, Bristle or Fibre), 1331 Hamilton, Cleveland, O.
Pilley Packing & Flue Brush Mfg. Co. (Wire), 606 S 3d, St. Louis, Mo.

Brushes, Paint, Varnish, Etc.

Adams, J. J. & Co., 128 Greenpoint av, Brooklyn, N. Y.
Bradley & Smith, 251 Pearl, N. Y.
Bromwell Brush & Wire Goods Co., 612 W. 6th, **CINCINNATI MFG. CO., 1243 W. 6th,** Cincinnati, O. (See adv. index, end of book.)
Cleveland Window Glass Co. (Special for Paint & Varnish), Cleveland, O.
Claassen, F. H., 1421 Main, Cincinnati, O.
Dilley, Wm., 192 Clark, Chicago.
Dennin's, O. Sons, 6th av. & 20th, Troy, N. Y.
Devoe, F. W. & T. C. Raynolds Co., 101 Fulton, N. Y.
East Columbia Brush Co., Columbia, Pa.
Felton, S. A. & Son Co., Manchester, N. H.
Flynn Bros., 5th & 11th av., Troy
FRENCH, SAMUEL H. & CO., 4th & Callowhill, Philadelphia, Pa. (See adv. index, end of book.)
Gerts, Lumbard & Co., 270 Pearl, Chicago
Hanlon & Goodman, 57 Fulton, N. Y.
Jordan & Christie, 610 Eastern av, Boston, Mass.
Loby & Fargo, Centerbrook, Conn.
Lucas, John & Co., 4th & Race, Phila., Pa., 89 Maiden lane, N. Y., & 59 N. Jefferson, Chicago
Martin's, J. M. C. Sons, 102 Fulton, N. Y.
Miles Bros. & Co., 102 Fulton, N. Y.
Mitchell, Edwin, 273 Pearl, N. Y.
Pushee, Jno. C. & Sons, Randolph & Harrison av., Boston, Mass.
Ramus, C. F. W., 125 Putnam, East Boston, Mass.
Rosenthal, H. & Bro., 420 W. B'way, N. Y.
Smith, J. Finley & Son, 116 Chambers, N. Y.
Thayer's, Ellis Son, Pawtucket, R. I.
Thum, Chas. D., 150 N. 3d, Phila., Pa.
True Bros., Portland, Me.
United Brus Mfrs. 21 Park pl, N. Y.
United Brush Supply Co., 238 Arch, Phila, Pa.
Washburn, Ira & Co., Cincinnati, O.
Whiting, Jno. L. & Son Co., 690 Harrison, Boston, Mass.
Wolfe, Walker & Co., 510 Wood, Pittsburg, pa.

Brushes (Platers, Polishers', Etc.)

Foot Mfg. Co. (Bristle & Wire Lathe, etc.), Jersey City, N. J.
Gesswein, F. W. Co. (Wire, Bristle, Etc. Tampico Goat Hair), 39 John, N. Y.
Osborn Mfg. Co., 1331 Hamilton, Cleveland, O.

Brushes (Railroad)

Osborn Mfg. Co. (all kinds), 1331 Hamilton, Cleveland, O.

Brushes (Roofiing)

Barrett Mfg. Co., Land Title bldg, Phila., Pa.; Merchant Loan & Trust bldg, Chicago, Ill.; 17 Battery pl, New York; St. Louis, Mo.; Cleveland, O.; Cincinnati, O.; Pittsburg, Pa.; Minneapolis, Minn.; Kansas City, Mo., & New Orleans, La.

Brushes (Scrub)

Osborn Mfg. Co., 1331 Hamilton, Cleveland, O.

Brushes (Sheet Metal)

Bogue, Chas. J., 213 Centre, N. Y.
Chapin, Chas. E., 27 Thames, N. Y.
Eureka Tempered Copper Works, Northeast, Pa.
Galvanic Metal Paper Co., 18 Morris, Jersey City, N. J.
Hobart Electric Mfg. Co.., Troy, N. Y.
K. & W. Co., Pittsfield, Mass.
Phila. Electrical & Mfg. Co., 2011 Market, Phila., Pa.
Western Electric Co., 259 S Clinton, Chicago, & 57 Bethune, N. Y.
Wirt Electric Co., 4523 Tacony, Phila., Pa.
Zogg, Nicholas, 730 E 143d, N. Y.

Brushes (Spiral Twist)

Foot Mfg. Co. (Bristle for Gunsmiths, Bottles, etc.), Jersey City, N. J.

Brushes (Steel Wire)

Osborn Mfg. Co. (all kinds), 1331 Hamilton, Cleveland, O.

Brushes (Stencil)

Adams, J. J. & Co., 128 Greenpoint av, Brooklyn, N. Y.
Bradley & Smith, 251 Pearl, N. Y.
Hanlon & Goodman, 57 Fulton, N. Y.
Martin's, J. M. C. Sons, 102 Fulton, N. Y.
Mitchell, E., 273 Pearl, New York
Smith, J. Finlay & Son, 116 Chambers, N. Y.

Brushes (Wheel)

Osborn Mfg. Co. (Brass & Steel Wire, etc.), Cleveland, O.

Brushes (Whitewash)

CINCINNATI MFG. CO., 1243 W. 6th, Cincinnati, O. (See adv. index, end of book.)

Brushes (Window)

CINCINNATI MFG. CO., 1243 W. 6th, Cincinnati, O. (See adv. index, end of book.)

Brushes (Woven Wire)

Averill, Frank E., 367 7th, Buffalo, N. Y.
Barkelew Electric Mfg. Co. ("Sparkless"), Middletown, O.
Chapin, Chas. E. (Dickey), 27 Thames, N. Y.
Crown Woven Wire Brush Co., Salem, Mass.
ELEVATOR SUPPLY & REPAIR CO., 34 W Monroe, Chicago, Ill., & 136 Liberty, N. Y. (See adv. index, end of book)
Eureka Tempered Copper Works, Northeast, Pa., & Monadnock blk, Chicago
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, N. Y. (See adv. index, end of book.)
Goldmark & Wallace (German-American), 67 Cortlandt, N. Y.
Hobart Electric Mfg. Co., Troy, O.
Lindsey, H. E. Electrical Supply Co., 1007 Locust, St. Louis, Mo.
McMurty, Jas. E. & Co., 749 N Park av, Chicago
Ohio Brass Co., Mansfield, O.
Ohio Electric Specialty Mfg. Co., Troy, O.
Perfection Supply Co. (Dynamo), 621 B'way. N. Y.
Phila. Electrical & Mfg. Co., 2031 Market, Phila., Pa.

Buckets (Back Band)

STANLEY WORKS ("Samson"), New Britain, Conn., & 79 Chambers, New York. (See adv. index, end of book.)

Buckets (Bottom Dumping)

CYCLOPEAN IRON WORKS (Jones & Harold), 402-404 Claremont av, Jersey City, N. J. (See adv. below.)
FOCHT, GEO. SONS, 115 Adams, Hoboken, N. J. (See adv. index, end of book)
STEUBNER, GEO. L. IRON WORKS, 14th & Vernon av, Long Island City, N. Y. City. (See adv. front colored page)
UNION IRON WORKS, Hoboken, N. J. (See adv. front colored page)

Buckets (Clam Shell)

BROWNING ENGINEERING CO., Cleveland, O. (See adv. index, end of book)
DOBBIE FOUNDRY & MACHINE Co., Niagara Falls, N. Y., & 42 Dey, N. Y. (See adv. index, end of book.)
Excelsior Hoisting Machinery Co., Warren, O.
Excelsior Iron Works, 89 N Clinton, Chicago.
HAISS, GEO. MFG. CO. (for Handling Coal, Sand, etc.), 363 Rider av. N. Y. (See adv. index, end of book.)
Hayward Co., 97 Celar, N. Y.
HOISTING & CONVEYING MACHINERY CO., 44 N Elizabeth, Chicago, Ill. (See adv. index, end of book)
Link Belt Engineering Co. (Self Filling), Nicetown, Phila., Pa.; 47 Dey, New York, & Park bldg, Pittsburg, Pa.
Macbeth Iron Co. ("Swedenborg"), Cleveland, O.
Murphy & Donnelly Boiler Co., 120 Elm, Cleveland, O.
Obenberger, J. G. Co., 123 Barclay, Milwaukee, Wis.
RAWSON & MORRISON MFG. CO. (Automatic Steam), Cambridgeport, Mass., & 11 Bway, New York. (See adv. index, end of book.)
Smith, Theo. & Sons Co., ft of Essex, Jersey City, N. J.
Wellman-Seaver-Morgan Co. ("Hulett"), Cleveland, O., & Akron, O.

Buckets (Coal & Ore)

Allis-Chalmers Co., Office New York Life bldg, Chicago, Ill. Works, Chicago, Ill.; Milwaukee, Wis., & Scranton, Pa.
BARTLETT, C. O. & SNOW CO. Cleveland, O. (See adv. index, end of book.)
Borden & Selleck Co., 48 Lake, Chicago, Ill.
BROWNING ENGINEERING CO., Cleveland, O. (See adv. index, end of book)
Chain Belt Co., 766 Park, Milwaukee, Wis.
Clark, W J. Co., Salem, O.
CYCLOPEAN IRON WORKS (Jones & Harold ("Cyclopean" Bottom Dumping), 402-404 Claremont av, Jersey City, N. J. (See adv. below.)
Denver Engineering Works Co., Denver, Col.
DOBBIE FOUNDRY & MACHINE Co., Niagara Falls, N. Y., & 42 Dey, N. Y. (See adv. index, end of book.)
Excelsior Hoisting Machinery Co. (steam), Warren, O.
GREGG CO. (Ltd.), Newburgh, N. Y. (See adv. index, end of book.)
Hains. Peter C., McGill bldg, Washington, D. C.
HAISS, GEO. MFG. CO., 141st & Rider av, New York. (See adv. index, end of book.)
Hendy, Joshua, Machine Works (Ore), 38 Fremont, San Francisco, Cal.
FOCHT, GEO. SONS, 115 Adams, Hoboken, N. J. (See adv. index, end of book)
JEFFREY MFG. CO., Columbus, O.; Equitable bldg, Denver, Colo., & 41 Dey, N. Y. (See adv. index, end of book.)
Mead-Morrison Mfg. Co. (Automatic), 11 Bway, New York; Boston, Mass., & Chicago, Ill.
Mine & Smelter Supply Co., Denver, Col., El Paso, Tex., Salt Lake City, Utah, & 139 Liberty, N. Y.
Murphy & Donnelly Boiler Co., 120 Elm, Cleveland, O.
Phillips, Doup & Co., 56 Pearl, Brooklyn, N. Y.
Power & Mining Machinery Co., 52 William, N. Y. Works, Cundahy, Wis.
SCAIFE, WM. B. & Sons CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book.)
South Baltimore Steel Car & Foundry Co., Baltimore, Md., 11 B'way, New York
STEUBNER, GEO. L. IRON WORKS, 14th & Vernon av, Long Island City, N. Y. City. (See adv. front colored page)
Thomson & Boyle Co., Los Angeles, Cal.
Turl's, Jno. Sons, 534 W 28th, New York
UNION IRON WORKS, Hoboken, N. J. (See adv. front colored page)
Vulcan Iron Works, Wilkesbarre, Pa.

Buckets (Dredging & Excavating)

CYCLOPEAN IRON WORKS (Jones & Harold ("Cyclopean" Bottom Dumping), 402-404 Claremont av, Jersey City, N. J. (See adv. below.)
Hayward Co., 97 Cedar, N. Y.
JEFFREY MFG. CO., Columbus, O.; 41 Dey, N. Y., & Equitable bldg, Denver, Colo. (See adv. index, end of book.)
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)
Smith, Theo & Sons Co., ft of Essex, Jersey City, N. J.
UNION IRON WORKS, Hoboken, N. J. (See adv. front colored page)
Wellman-Seaver-Morgan Co. ("Hulett" Excavating), Cleveland, O., & Akron, O.

Buckets (Elevator)

Avery Stamping Co. (Seamless), Lake, cor Coe, Cleveland, O.
BARTLETT, C. O. & SNOW CO. French st., Cleveland, O. (See adv. index, end of book.)
BROWNING ENGINEERING CO., Cleveland, O. (See adv. index, end of book)
Buhl Malleable Co., Detroit, Mich.
Caldwell H. W. & Son Co. (Seamless Steel), 17th & Western av, Chicago, Ill.
Clark, W. J. Co., Salem, O.
Chain Belt Co. (Malleable), 766 Park, Milwaukee, Wis
Cleveland Elevator Bucket Co., 225 St Clair, Cleveland, O.
Dodge Mfg. Co., Mishawauka, Ind.
Great Western Mfg. Co., Levanworth, Kan.
Grotenrath, Fred, 111 W Water, Milwaukee,
Iron Clad Mfg. Co. ("Duc" Steel), 4 Cliff, N. Y.
JEFFREY MFG. CO., Columbus, O.; 41 Dey, N. Y., & Equitable bldg, Denver, Colo. (See adv. index, end of book.)
Link Belt Engineering Co., Nicetown, Phila.
MEY CHAIN BELTING ENGINEERING WORKS, 14 Perry, Buffalo, N. Y. (See adv. index, end of book.)
MINNEAPOLIS STEEL & MACHINERY Co., Minneapolis, Minn. (See adv. index, end of book)
MOLINE MALLEABLE IRON CO., St. Charles, Ill.; 1357 Ridge av, Phila., Pa., & 37 Warren, New York. (See adv. index, end of book.)
Nordyke & Marmon Co., 1101 W. Morris, Indianapolis, Ind.
MOORE & LORENZ (for Grain), 115 S Clinton, Chicago, Ill.

CYCLOPEAN Bottom Dumping Bucket

FOR HANDLING CONCRETE, ETC.

The greatest time saver; the best bucket ever invented for handling concrete.

Indorsed and used by the United States Government at Boston, Mass.; Galveston, Texas; San Francisco, Cal.

We are also pleased to refer to Ryan & Parker, Park Row Building, New York City; McDonald & Onderdonk, Jerome Park Reservoir, N Y.; Continental Filteration Co., 15 Broad St., New York City, and hundreds of contractors of similar high standing who are using our buckets.

Messrs. Ryan & Parker state: "They saved their cost to us each week we used them; they are a vast improvement; they are *perfect* tools."

We now make CYCLOPEAN BOTTOM DUMPING BUCKETS as large as 3 yards capacity.

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Pennsylvania Engineering Works, New Castle, Pa.
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
SCAIFE, WM. B. & Sons CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book.)
Skillin & Richards Mfg. Co., 147 Fulton, Chicago, Ill.
Taylor Iron & Steel Co., High Bridge, N. J.
Thornberg, H. L. & Co., 245 S. Jeff., Chicago
Union Iron Works (Inc.), Spokane, Wash.
UNION IRON WORKS, Hoboken, N. J.
WELLER MFG. CO., 118 North av, Chicago. (See adv. index, end of book.)
WEBSTER MFG. CO., 1075 W. 15th, Chicago, Ill., & 38 Dey, N. Y. (See adv. index, end of book.)

Buckets (Fire)

Cordley & Hayes (Paper), 172 Duane, N. Y.
Geuber & Paeschke Mfg. Co. (Galvanized Iron), Milwaukee, Wis.
Goodyear Rubber Co. (Rubber), 787 Broadway, N. Y.
Gutta Percha & Rubber Mfg. Co. (Rubber), 35 Warren, N. Y.
Hodgman Rubber Co. (Rubber), 595 Broadway, N. Y.
Hunt & Dorman Mfg. Co., 21 Bright, Cleveland. O.
Iron Clad Mfg. Co., 4 Cliff, N. Y.
Jennings Bros. (Paper), Fairfield, Conn.
Mineralized Rubber Co. (Rubber), 18 Cliff, N. Y.

Buckets (Foundry)

OBERMAYER, S. CO., 647 Evans, Cincinnati, O.; 18th & Rockwell, Chicago, Ill.; 35th & Charlotte, Pittsburg, Pa.; Roe bldg, St. Louis, Mo.; Majestic bldg, Detroit, Mich.; Cooper bldg, Denver, Colo.; Land Title bldg, Phila., Pa., & Mission St., San Francisco, Cal. (See adv. index, end of book.)
PAXSON, J. W. CO., 1021 N Delaware av, Phila., Pa. (See adv. index, end of book.)
RUSSEL WHEEL & FOUNDRY CO. Detroit, Mich. (See adv. index, end of book.)
SMITH, J, D. FOUNDRY SUPPLY CO., 40 S. Water, Cleveland, O., & 2143 Central av, Cincinnati, O. (See adv. index, end of book.)

Buckets (Gold Dredging)

Allis-Chalmers Co., N. Y. Life bldg, Chicago, Ill., & 71 Bway, New York

Buckets (Grab)

JEFFREY MFG. CO. (Self Filling), Columbus, O.; 41 Dey, New York, & Equitable bldg, Denver, Colo. (See adv. index, end of book.)

Buckets (Grease)

Gem Mfg. Co. ("Gem" Brazed Steel), Pittsburg, Pa.

Buckets (Hoisting & Dumping)

(See Tubs, Self-Dumping.)

Buckets (Orange Peel)

BROWNING ENGINEERING CO., Cleveland, O. (See adv. index, end of book)
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y., & 42 Dey, N. Y. (See adv. index, end of book.)
Industrial Works, Bay City, Mich.
Link Belt Engineering Co. (Self Filling), Nicetown, Phila., Pa.; 47 Dey, New York, & Park bldg, Pittsburg, Pa.
Smith, Theo & Sons Co., ft of Essex, Jersey City, N. J.
Wellman-Seaver-Morgan Co., Cleveland, O., & Akron, O.

Buckets (Pump)

Continental Rubber Works (Rubber), Erie, Pa. Y. (See adv. index, end of book.)

Buckets (Salt)

WARSAW ELEVATOR CO., Warsaw, N. Y., and Erie Co., B'k bldg, Buffalo, N. Y. (See adv. index, end of book)

Buckets (Sap)

Briscoe Mfg. Co. ("O-Rib-O" Galvanized), Detroit, Mich.

Buckets (Scoop)

Seidel, Robt. D., Reading, Pa.

Buckets (Sewer)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Honhorst, Jos. & Co., 525 E. Pearl, Cincinnati O
Iron Clad Mfg. Co., 4 Cliff, New York
National Enameling & Stamping Co., St. Louis, Mo., & 78 Beekman, N. Y.
Potter Mfg. Co., Indianapolis, Ind.
Stoutenborough, X., 277 Pearl, New York
Syracuse Chilled Plow Co. (Steel), Syracuse, N. Y.

Buddles or Slime Tables (Revolving)

Power & Mining Machinery Co. (For Assay Office), 52 William, N. Y. Works, Cudahy, Wis.

Bucking Plate & Muller

(For Assay Office.)

Power & Mining Machinery Co., 52 William, N. Y. Works, Cudahy, Wis.

Buffers (Board)

Harrington Cuttlery Co. ("Dexter"), Southbridge, Mass.

Buffers (Car)

Gould Coupler Co., 20 W 34th, N. Y.; Rookery bldg, Chicago; Commercial bldg, St. Louis. Mo. Works: Depew, N. Y.
National Car Coupler Co. ("National" Platform & "Hinson" Friction), Monadnock blk, Chicago, Ill. Works, Converse, Ind.
Railway Appliances Co. Old Colony bldg, Chicago, Ill.

Buffers (Seat Back)

Sterling-Meaker Co. (for Car Seats), 420 Ogden, Newark, N. J.

Buggies (Buhr-Stones)

Hasbrouck, J. J. ("Esopus") office & quarries, New Paltz, N. Y.

Buggies (Charging)

Pennsylvania Engineering Works, New Castle, Pa.

Buggies (Fire Chiefs')

Stewart, A. F. & S. C., Rochester, N. Y.

Buggies for Structural Steel, Etc.

Bethlehem Foundry & Machine Co., South Bethlehem, Pa.

Builders

(See Masons & Builders; also Carpenters, Contractors & Builders; also Contractors, General.)

Builders (Cotton Mill)

Cramer, Stuart W., Charlotte, N. C.
Fosburgh, R. L. & Sons, Board of Trade bldg, Boston, Mass.

Builders' Cast Iron Work

(See Firms in Iron, Architectural & Ornamental, marked with a Star.)

Builders' Hardware

(See Hardware Mfrs.)

Builders' Iron Work

(See Grills, various kinds; also Iron, Archl. and Ornamental; also Iron Railings and Fences; also Iron Stair Builders; also Steel Structural Works.)

Builders' Materials & Specialties (Mfrs.' Agents)

Bentley-Capron Building Material Co., Portland, Ore.
Builders' Material Supply Co., Postal Telegraph bldg, Kansas City, Mo.
Booth, J. B. & Co., 225 1st av, Pittsburg, Pa.
Camp, E. H., Seattle, Wash.
Carson, Wm. T., Equitable bldg, Baltimore, Md.
Cotter Wm. T., Jacksonville, Fla.
Crowe, F. F. & Co., Seattle, Wash.
Davis, Geo. H., Jr., 313 Colonial av, Norfolk, Va.
FLEMING & CO,, 123 Liberty, N. Y. (See adv. index, end of book.)
Freeman & Strouss, Bessemer bldg, Pittsburg, Pa.
Fryer, David E. (Mfrs. Agent), N. Y. blk., Seattle, Wash.
Hewson, S. J. Co., 10 N 3d, Minneapolis, Minn.
Houston Bros., 32d & P. R. R., Pittsburg, Pa.
Hunt, Alex. E., 434 Lack. av, Scranton, Pa.
Jacobus, W. H., 155 Chambers, N. Y.
Kriegshaber, V. H. (Mfrs. Agent), 6 N Forsyth, Atlanta, Ga.
LAWES, GEO. H. & CO., Gilfillan bldg, St. Paul, Minn. (See adv. index, end of book)
Moores Lime Co., Union Trust bldg, Cincinnati, Ohio
National Building Supply Co., Record bldg, Baltimore, Md.
Paine & Nixon Co., Duluth, Minn.
Paragon Plaster Co., Syracuse, N. Y.
Richardson, H. H. & Co. (Contractors supplies of all kinds), Jacksonville, Fla.
Rinn & Davis, Baltimore, Md.
Smith & Young, 723 Market, San Francisco, Cal.

THOMAS, E. H., 1123 Bway, N. Y.
Thomson & Dunlop, 226 W Michigan, Duluth, Minn.
Thorn Cement Co., 112 Church, Buffalo, N. Y.
Tyler, Owen (Mfrs. Agent), Tyler bldg, Louisville, Ky.
Waterhouse & Price, 29 New Mont'g, San Francisco.
Williams, J. V. (Mfrs.' Agent), El Paso, Tex.
Wood Glass Co., 226 N Salina, Syracuse, N. Y.

Builders' Mill Work

(See Interior Hardwood Work)

Building Blocks

(See Blocks, Hollow Building.)

Building Directories (Changeable)

TABLET & TICKET CO., 87 Franklin, Chicago, Ill, & 381 B'way, New York, N. Y. (See adv. index, end of book.)

Building Frames (Steel)

(See Iron & Steel Structural Shapes.)

Building Lumber (Magnesia)

Keasbey & Mattison Co. (Magnesialith Floors, Shingles, Boards, etc.) Main Office & Works, Ambler, Pa. Branches: 84 John, New York, 1111 14th, N. W., Washington, D. C.; 117 Water, Cleveland, O.; 208 Lake, Chicago, Ill; 154 Pearl, Boston, Mass.; 110 N. Forsyth, Atlanta, Ga.; 214 S. Peters, New Orleans, La.; Granite Blk., St. Louis, Mo.; 528 Main, Cincinnati, O.; 187 Liberty av, Pittsburg av, Pittsburg, Pa.; 350 E. Water, Milwaukee, Wis.; 307 S. 6th, Minneapolis, Minn.; 325 W. Michigan, Duluth, Minn., & 18 E. 3d, St. Paul, Minn.

Building Materials (Second Hand)

American Wrecking Co., 2507 Bremen av, St. Louis, Mo.
Baker, Henry D., Av B & 19th, N. Y.
Buckeye Wrecking & Salvage Co., 8th & Harriett, Cincinnati, O.
Candee & Krekeler, 472 Hamilton av, Brooklyn, N. Y.
Elston, A. A. & Co., 166 Devonshire, Boston, Mass.
Grecne, Byron W., Jr., 309 Av B, N. Y.
Hausling, Fredk. M., 614 E. 14th, N. Y.
Hellman, Myer, 301 av B, N. Y.
Jump, Geo., W. & Co., 160 W. 26th, N. Y., & 50 Greenpoint av, Brooklyn, N. Y.
Kane, Edw. J., 260 Front, N. Y.
Lash, Aug. F. Co., 29 D. st., Boston Mass.
Pachoud, A. L. & Co., 1037 Gilbert av, Cincinnati, O.
Reeber, Jno. & Co., 527 Flushing av, Brooklyn, N. Y.
Reebers, J. Sons, 409 E 107th, N. Y.
Seagrist, F. W., Jr., & Co., 304 Av B, N. Y.
Southard, Chas. H., 59 9th av, N. Y.
World's Fair Wrecking Co., 8th & Horne, Cincinnati, O.

Building Papers.

(See also Paper, Roofing & Sheathing.)
Star (*) Represents Manufacturers or Mills.

American Insulating Material Mfg. Co. (Gran-Rock Wool), St. Louis, Mo.
*American Straw Board Co., Old Colony bldg, Chicago
Armitage Mfg. Co. 3200 Williamsburg av, Richmond, Va.
ASBESTOS & MAGNESIA MFG. CO., Land Title bldg, Phila., Pa. (See adv. index, end of book)
Baltimore Roofing & Coal Tar Co., 103 W Pratt, Baltimore, Md.
*Bardeon Paper Co., Otsego, Mich.
*Barrett Mfg. Co., Land Title bldg, Phila., Pa.; Merchants' Loan & Trust bldg, Chicago, Ill.; St. Louis, Mo.; Cleveland, O.; 17 Battery pl, New York; Kansas City, Mo.; Cincinnati, O.; Minneapolis, Minn.; Pittsburg, Pa., & New Orleans, La.
*Bird, F. W. & Son ("Neponset"), East Walpole, Mass.
Boyle Mfg. Co., Lafayette, Ind
CABOT, SAMUEL, 141 Milk, Boston, & 28 Dearborn av, Chicago. (See adv. index end of book)
Chapman & Soden, 410 Atlantic av, Boston, Mass
Chatfield Paper Co., 300 State, New Haven, Conn
Chatfield Paper Co., New Haven, Conn.
Chatfield & Woods Co. (Mfrs.), 347 W 4th, Cincinnati, O.
Cleveland Paper Co., Cleveland, O.
Coal Tar Produce Co., Smith & Creamer, B'k'lyn, N. Y., & 77 Maiden Lane, N. Y.
*Coons, Fred M., Rockton, Ill.
De Ronde, Frank S. Co., 54 John, New York
*Diem & Wing Paper Co., 318 Elm, Cincinnati, O.
Ford Mfg. Co., 226 La Salle, Chicago, Ill., & Vandalia, Ill.
Fox Paper Co., Lockland, O
FRENCH, SAMUEL H. & CO. (dealers), 4th and Callowhill, Philadelphia, Pa (See adv. indcx, end of book.)
Garrett, C. S. & Co., 21 Decatur, Phila, Pa.
Gilmour, R. M. Mfg. Co., 105 John, N. Y.
Graham Paper Co. (Jobbers, Water Proof, Asbestos, etc.), St. Louis, Mo.
*Haldeman Paper Co., Lockland, O.
Hewitt, C. B. & Bros. (dealers), 48 Beekman, N. Y.
*Hoboken Paper Mill Co., 8th & Adams, Hoboken, N. J.
Holten & Collins, 509 Minor, Phila., Pa.
Hopkins, H. H. (Dealers), 50 Dearborn, Chicago, Ill.
*House, W. N., Haddam Neck, Conn.
*Ithaca Paper Co., Ithaca, N. Y.
*Jones, Geo. F. & Co., 327 Warren av, Baltimore, Md.
Kingsley Paper Co., 172 St. Clair, Cleveland, O.
Kingston's, Wm. Sons, Little Falls, N. Y.
*Lang, John Paper Co. (Inc.), 24th & Vine, Philadelphia, Pa.
*Lewis Roofing Co., Rock Island, Ill.
*Lewis, F. R., Flint, Mich.
Libby & Williams Paper Co., 419 N 2d, St. Louis, Mo.
*Lincoln, L. & Co., North Dighton, Mass.
*Lockport Paper Co., Lockport, N. Y.
*Lydall & Foulds Paper Co., Manchester, Conn.
*Mabie, Ralph R., 154 Chambers, N. Y.
Manahan, Moth Paper Co., 370 Pearl, N. Y.
Martin Co. (Importers), 192 Water, New York
*Mullen Bros. Paper Co., St. Joseph, Mich.
Munroe Felt & Paper Co., 17 Summer, Boston, Mass.
National Coal Tar Co., 17 Battery pl, N. Y.
*Nelson Paper Co., Kasota bldg, Minneapolis, Minn.
New England Felt Roofing Works, 18 P. O. sq, Boston, Mass.
*Oregon Pulp & Paper Co., Bridal Veil, Ore.
Paraffine Paint Co., 116 Battery, San Francisco, Cal.
Pioneer Roll Paper Co., 221 N Los Angeles, Los Angeles, Cal.
Rankin, W. H. Co., Elizabeth, N. J.
*Single, Jno. Paper Co., Syracuse, N. Y.
Standard Paint Co., 100 William, N. Y.
Stelwagon, Mfg. Co., 826 Schuykill av, Phila., Pa.
Stewart, W. H. Mfg. Co., 81 Fulton, N. Y.
Swan, A. F., 17 Battery pl, N. Y.
Tarentum Paper Mills, 1019 Liberty av. Pittsburg, Pa.
Trinidad Asphalt Mfg. Co. (The "T. A."), 320 S. 21st, St. Louis, Mo.
***WATSON, H. F. CO., Erie, Pa.; 12** S Clinton, Chicago, Ill., & 233 Congress, Boston, Mass. (See adv. index, end of book.)
*West Jersey Paper Mfg. Co., Elm & Front, Camden, N. J.
*York Haven Paper Co., York Haven, Pa. & 11 B'way, N. Y.
*Young, Jos. W., Bentley Springs, Md.

Building Sanitary Inspection

Building Sanitary Inspection Co., 874 B'way, New York

Building Sheathing (Asbestos)

Asbestos Felting Works, 79 Maiden Lane, N. Y.
ASBESTOS & MAGNESIA MFG. CO., Land Title bldg, Phila., Pa. (See adv. index, end of book.)
Carey, Philip Mfg. Co., Lockland, O.; 433 1st av, Pittsburg, Pa., & 118 Liberty, N. Y.
Chapman & Soden, 410 Atlantic av. Boston, Mass.
Chicago Fire Proof Covering Co., 18 N Canal, Chicago, Ill.
Clark, Wm. Wirt & Son (Mfrs. Agents), 115 S. Gay, Baltimore, Md.
Gilmour, Robt. M. Mfg. Co., 105 John, N. Y.
Johns, H. W.-Manville Co., 100 William, New York & 225 Clybourn, Milwaukee, Wis.
Keasbey & Mattison Co., Main Office & Works, Ambler, Pa. Branches: 84 John, New York; 1111 14th, N. W., Washington, D. C.; 117 Water, Cleveland, O.; 208 Lake, Chicago, Ill.; 154 Parl, Boston, Mass.; 110 N Forsyth, Atlanta, Ga.; 214 S. Peters, New Orleans, La.; Granite Blk., St. Louis, Mo.; 528 Main, Cincinnati, O.; 187 Liberty Ave., Pittsburg, Pa.; 350 E. Water, Milwaukee, Wis.; 307 S 6th Minneapolis Minn.; 325 W. Michigan, Duluth, Minn., & E 3d St. Paul, Minn.
Libby & Williams Paper Co., St. Louis, Mo.
McConnell, Jno. A. & Co., Tradesmen's bldg, Pittsburg, Pa.
***MILWAUKEE CORRUGATING CO.,** Milwaukee, Wis. (See also adv. index, end book)
New York Asbeston Mfg. Co., Ravenswood, Long Isl. City, N. Y., & 95 Liberty, N. Y.
WATSON, H. F. CO., Erie. Pa.; 233 Congress, Boston, Mass., & 12 S Clinton, Chicago, Ill. (See adv. index, end of book.)

Building Sheating (Felt)

Barrett Mfg. Co., Land Title bldg, Phila, Pa.; Merchants' Loan & Trust bldg, Chicago, Ill.; 17 Battery pl, N. Y.; St. Louis, Mo.; Cleveland, O.; Kansas City, Mo.; Cincinnati, O.; Pittsburg, Pa.; Minneapolis, Minn., & New Orleans, La.
DeLong, Julius & Co. (Hair Felt), 812 Concord, Allegheny, Pa.
Field & White, 106 Fulton, N. Y., & Boonton, N. J.
Hewitt, C. B. & Bros., 48 Beekman, N. Y.
New England Felt Roofing Works, 18 Post Office Square, Boston, Mass.
Single, Jno. Paper Co., 219 W. Fayette, Syracuse, N. Y.
Standard Pipe Covering Co., 70 Marcelline av, Cleveland, O.
Stewart, W. H. Mfg. Co., 81 Fulton, New York.
Union Fiber Co., Winona, Minn.
WATSON, H. F. CO., Erie, Pa.; 12 S Clinton, Chicago, Ill., & 233 Congress, Boston, Mass. (See adv. index, end of book.)

Building Sheathing (Mineral Wool)

(See Mineral Wool Mfrs.)

Building Sheathing Quilt (Asbestos)

CABOT, SAMUEL, 141 Milk, Boston, adv. index, end of book.)
De Long, Julius & Co., Allegheny, Pa.
Union Fiber Co., Winona, Minn., & 143 Reed, Milwaukee, Wis.

Building Sheathing Quilt (Cabot's)

CABOT, SAMUEL, 141 Milk, Boston, adv. index, end of book.)

Building Ventilation

(See Ventilating Apparatus.)

Bulbs (Incandescent Lamp)

Corning Glass Co., Corning, N. Y.
Fostoria Bulb & Bottle Co., Fostoria, O.
Libbey Glass Co., Toledo, O.
Pairpont Mfg. Co., New Bedford, Mass.
Phoenix Glass Co., Pittsburg, Pa., & 13 Murray, N. Y.
Wagner Glass Works, 965 E. 132d, New York

Bulldozers

(See Bending Machines.)

Bulletins for Office & Loft Buildings (Changeable)

TABLET & TICKET CO., 87 Franklin, Chicago, Ill., & 381 B'way, New York, N. Y. (See adv. index, end of book.)

Bumpers (Elevator)

Morgan & Wright (Inc.), 19 N May, Chicago,
WHITMAN & BARNES MFG. CO., Akron, O.; West Pullman, Chicago, Ill., & 111 Chambers, N. Y. (See adv. index, end of book)

Bung Starters

Doscher Plane & Tool Co., Saugatuck, Conn.
Piqua Handle & Mfg. Co., Piqua.
Sommer's, Jno. Son, Newark, N. J.

Bung Tins for Barrels

Acme Flexible Clasp Co., 17th & Clark, Chicago,

Bunting Mfrs.

New England Bunting Co., Lowell, Mass.
United States Bunting Co., Lowell, Mass.

Burial Cases & Vaults (Slate)

AMERICAN SLATE CO. (Inc.), Board of Trade bldg, Boston, Mass. (See adv. index, end of book)
American Slate Co., Bangor, Pa.
Bangor Crescent Slate Co., Bangor, Pa.
East Bangor Consolidated Slate Co., East Bangor, Pa.
Fleming & Co., Poultney, Vt.
Hahn, Granville, Walnutport, Pa.
Kimes, J. B. & Co., 1822 Filbert, Phila., Pa.
MATHEWS CONSOLIDATED SLATE Co., 199 Wash'n, Boston, Mass. (See adv. index, end of book.)
Monson Maine Slate Co., 113 Devonshire, Boston, Mass.
Pelkey, W. H., Fairhaven, Vt.
Peerless Slate Co., Delta, Pa.
Penna Structural Slate Co., Easton, Pa.
Penrhyn Slate Co., 493 E. 138th, New York
Williams Slate Co., Arvonia, Va.

Burlaps

Bailey, Jno. T. & Co., S Water & Morris, Phila., Pa.
California Jute Mill Co., 3 California, San Francisco, Cal.
Chase, H. & L. (Importers), 233 State, Boston, Mass.
Cheever, John S. (Mfrs. & Dealer), 66 Battery March, Boston, Mass.
Chelsea Jute Mills, Brooklyn, N. Y.
Clapp & Fowler Waste Co. (Dealers), 116 Produce av, Phila., Pa.
Davis, T. L. & Co. (Dealers), 146 Franklin, Boston, Mass.
Delta Bag Co., New Orleans, La.
Gorham, Rogers & Co. (Importers), 20 Federal, Boston, Mass.
Gulf Bag Co., New Orleans, La.
Haskell, Edw. H. (Dealer), 176 Federal, Boston, Mass.
Hoffmann-Corr Mfg. Co., 107 Duane & 16 Thomas, New York; 413 Market, Phila., Pa.; 570 Loomis, Chicago, Ill., — 118 Bay, Toronto, Can. Factories, Phila., Pa., & Fitchburg, Mass. (See adv. index, end of book.)
Milwaukee Bag Co., Milwaukee, Wis.
Richter Mfg. Co. (Plain, Decorated, etc.), Tenafly, N. J.
San Quentin State Prison Jute Factory, San Quentin, Cal.
Stoddard, Haeserick & Richards Co. (Importers), 152 Congress, Boston, Mass.

Burners (Acetylene Gas)

Abner Acetylene Gas Co., 36 LaSalle, Chicago, Ill.
Acetylene Apparatus Mfg. Co., 247 2d av, S Minneapolis, Minn.
Acetylene Contracting Co. ("Standard"), Minneapolis, Minn.
Acetylene Gas Illuminating Co., 105 Walker, N. Y.
American Acetylene Burner Co. ("Shaffer," "Gem," "Queen," and "Multiple," all lava tips), Hoosick Falls, N. Y.
American Brass & Copper Co., 243 Canal, N. Y.
Brown, F. P. & Co., 45 N 6th, Philadelphia, Pa.
Carroll, J. B. ("Hahn," "Columbia," "Auto"), 36 La Salle, Chicago, Ill.
Clayton & Lambert Mfg. Co., Detroit, Mich.
Colt, J. B. Co., 21 Barclay, N. Y.
Crane, W. M. Co. ("Import," "Bray"), 1131 Broadway, N. Y.
Crescent Novelty Mfg. Co., Chattanooga, Tenn.
Daylight Acetylene Gas Co. ("Starr"), Louisville, Ky.
Drake Acetylene Apparatus Co., 37 Hathaway, Cleveland. O.
Eagle Generator Co. ("Eagle"), 1530 Pine, St. Louis, Mo.
Economic Acetylene Burner Co. ("Economic"), Toronto, Can.
FOWLER ACETYLENE LIGHTING & Heating Co. (Dealers), 592 W Lake, Chicago, Ill. (See adv. index, end of book)
Gas Tip and Self Lighter Co., 25 W. B'way, N. Y.
Gleason, E. P. Mfg. Co., 20 W. Houston, N. Y.
Iden & Co., 40 University Pl., N. Y.
Incandescent Burner Co., 633 Fulton, Brooklyn, N. Y.
Kirchberger, M. & Co., ("Von Schwartz" Perfection), 50 Warren, N. Y.
Lewis Gas Machine Mfg. Co., Fort Worth, Tex.
National Lightening & Heating Co., Cleveland. Ohio
North Carolina Talc & Mining Co. (Burner Blanks), Hewitt, N. C.
Northern Light Co., 1242 Gulton, Brooklyn, N. Y.
Pacific Light & Heat Co. ("Zenith"), Long Beach, Cal.
Starr Acetylene Gas Burner Co., Chattanooga, Tenn.
State Line Mfg. Co. ("Wonder," "Acme," "New Century," "Meteor"), Chattanooga, Tenn.
Steward, D. M. Mfg. Co. ("E. H."), Chattanooga, Tenn
Sunlight Lava Mfg. Co., Chattanooga, Tenn.
Thurman, D. M. & Bro. ("Stadelmann," "Imported"), 35 Park Pl., N. Y.
United Metal Mfg. Co., 186 Wooster, N. Y.
Williamson, R. & Co., 52 E Lake, Chicago, Ill.

Burners (Automobile)

Carroll, J. B., 36 La Salle, Chicago, Ill.
Forg, Peter (Gasoline), Somerville. Mass.
National Oil Burner & Equipment Co. ("Branch" for Steam Automobiles), St. Louis, Mo.
Tonkin Boiler Co. (Kerosene), Oswego, N. Y.

Burners (Brazing & Blast)

Gilbert & Barker Mfg. Co. ("Springfield"), Springfield, Mass.; 82 John, New York; 51 Union, Boston, Mass., & 12 N 7th, Phila., Pa.

Burners (Coal Dust)

BARTLETT, C. O. & SNOW CO., ("Triumph"), French st, Cleveland, O. (See adv. index, end of book.)

Burners (Electric Gas Lighting)

Bogart, A. L. Co. ("Bartholdi"), 123 Liberty, New York
Boston Electric Co. ("Peerless"), 29 Harrison av, Boston, Mass.
Cleverley Electrical Works ("Philadelphia"), 1018 Chestnut, Philadelphia, Pa.
Edwards & Co., 407 E 144th, New York
Electrical Appliance Mfg. Co., Waterbury, Conn.
Electric Gas Lighting Co. (Automatic Pendant), 115 Purchase, Boston, Mass.
Holtzer-Cabot Electric Co., Brokline, Mass.
Manhattan Electrical Supply Co., 32 Cortlandt, N. Y.
Parke, Jno. Y. & Co. ("Jypco"), 728 Cherry, Philadelphia, Pa.
Rousseau's Electrical Wks., 329 4th av, New York
Valleo Bros., Electric Co., 625 Arch, Phila., Pa.

Burners (Fuel Gas)

South Pittsburg Iron Works, ("Tremaine," Sectional), Claysville, Pa.

Burners (Fuel Oil)

Boston Crude Oil Burner Co., Boston, Mass.
Cox & Sons Co., 215 Race, Phila., Pa.
Gilbert & Barker Mfg. Co. ("Springfield" Process for Burning Fuel Oil Under Low Pressure), Springfield, Mass.
Hammel Oil Burner Co., Los Angeles. Cal.
International Gas & Fuel Co. ("Williams," "Wright" & "Armstrong's" Injector Oil Burners for Hydro-Carbon Fuel & Light), Railway Exchange bldg, Chicago, Ill.
National Oil Burner & Equipment Co. ("Branch" Kerosine Crude Oil or Distillate), St. Louis, Mo.
PETROLEUM IRON WORKS CO. ("The Gem," for Crude Oil Under Boilers), Washington, Pa., & Farmers' Bk. bldg, Pittsburg, Pa.(See adv. index, end of book.)
Rockwell Engineering Co. (for Crude Oil Under Boilers), 26 Cortland, N. Y.
Rogers, Jno. M., Boat, Gauge & Drill Works, Gloucester City, N. J.
Tate. Jones & Co.. Inc. ("Kirkwood" for Boilers, Locomotives, Furnaces, Forges, etc.), Empire bldg, Pittsburg, Pa.

Burners (Furnace Gas)

Standard Heating & Radiator Co. ("Standard" for Hot Air, Steam & Hot Water), 108 Market, Pittsburg, Pa.

Burners (Gasoline)

Hull, J. S. Mfg. Co. (For Canners, etc.), Baltimore, Md.

Burners (Gasoline Gas)

Bystrom Gas Lamp Co., 91 Kinzie, Chicago, Ill.
Flory, Louis, 218 Washington, Chicago, Ill.
Imperial Gas Machine Co., 32 Park Pl., N. Y.
Incandescent Light & Stove Co. ("Stubbs"), 420 Pearl, Cincinnati, O.
Merkel, Herman, 511 Elm, St. Louis, Mo.
Planet Mfg. Co., 203 Pine, St. Louis, Mo.
Providence Gas Burner Co., Providence, R. I.
Sun Vapor Street Light Co., Canton, O.
Tirrill Gas Machine Lighting Co., 441 Broadway, N. Y.
Turner Brass Works, 69 N Franklin, Chicago, Ill.
Victor Lighting Co. ("Bunson"), Columbus, O.

Burners (Hydro-Carbon)

Braun, F. W. Co. ("Cary"), 18 Spear, San Francisco, Cal.
Gleason-Peters Air Pump Co. ("Peters," for Steam or Air, High and Low Pressure), 20 W Houston, N. Y.
International Gas & Fuel Co. ("Williams," "Wright" & "Armstrong's" Injector Oil Burners for Fuel & Light), Railway Exchange bldg, Chicago, Ill.

Burners (Incandescent Gas)

American Incandescent Lamp Co., 395 B'way, N. Y.
BENEDICT & BURNHAM MFG. CO., Waterbury, Conn. (See adv. index, end of book)
Bernstein, S. Co. ("Eagle"), 128 6th av, N. Y.
Crane, W. M. Co. ("Gem by Pois"), 1133 B'way, N. Y.
Cremo Incandescent Light Co., 110 E. 129th, N. Y.
Eureka Incandescent Lamp Co., 247 Broadway, Brooklyn, N. Y.
Gilbert & Barker Mfg. Co. ("Springfield"), Springfield, Mass.; 82 John, New York; 51 Union, Boston, Mass.
Hill, A. F. ("Star"), Woodfords, Me.
Imperial Gas Machine Co., 32 Park Pl., N. Y.
Incandescent Burner Co., 633 Fulton, Brooklyn, N. Y.
Kern Burner Co., 21 Murray, N. Y.; 6 N 13th, Phila., Pa., & 144 Michigan av, Chicago, Ill.
Manhattan Brass Co., 338 E. 28th, N. Y.
Miller, Edw. & Co., Meriden, Conn.
Momand, Sherman S., 672 Columbus av., N. Y.
Pittsburg Lamp & Brass Co., Allegheny, Pa.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Stamford Gas Stove Co., Stamford, Conn.
Steward, D. M. Mfg. Co. ("E. H."), Chattanooga, Tenn.
Turner Brass Works, Franklin c Michigan, Chicago, Ill.
Welsbach Co. ("Universal," "Standard," "Consol"), Gloucester, N. J.

Burners (Kerosene Oil)

Plume & Alwood Mfg. Co., Waterbury, Conn.; New York & Chicago

Burners (Natural Gas)

Adler, H. Co., 241 1st av., Pittsburg, Pa.
American Stove Co., St. Louis, Mo., & 72 Lake, Chicago, Ill.
Brown, Frank P. & Co., 45 N. 7th, Phila, Pa.
Central Gas Fixture Co., 518 2d av., S. Minneapolis, Minn.
Crane, W. M. Co. ("Gem Self Lighting"), 1133 B'way, N. Y.
Criterion Gas Stove Mfg. Co., 445 Greenwich, N. Y.
Dauntless Mfg. Co., Massillon, O.
Dayton Pipe & Cable Coupling Co., Dayton, O.
De Lery Light Co., 256 W. 23d, N. Y.
Detroit Brass Works, 7th & M. C. R. R., Detroit, Mich.
Economy Stove & Mfg. Co., Detroit, Mich.
Elk Heater Mfg. Co., Columbus, O.
Enterprise Foundry Co., Allegheny, Pa.
Gleason, E. P. Mfg. Co., 20 W. Houston, N. Y.
Hess-Snyder Co., Massillon, O.
Hibbard, Geo. & Son, Wheeling, W. Va.
Hollands Mfg. Co., Erie, Pa.
Illinois Malleable Iron Co., 30 W. Monroe, Chicago, Ill.
Invincible Mfg. Co., Wilmington, Del.
Irby & Gilliland, Memphis, Tenn.
Jamison, T. H. & Co. ("Tremaine"), Claysville, Pa.
Johnson Machine Co., Uniontown, Pa.
Kern Burner Co., 21 Murray, N. Y.; 6 N 13th, Phila., Pa., & 144 Michigan av, Chicago, Ill.
Kraushaar Lamp & Reflector Co., 510 Elm, St. Louis, Mo.
Lawson Mfg. Co., Homestead, Pa.
Lord, L. I. Co. ("Victor"), Meadville, Pa.
Love Mfg. Co., Corry, Pa.
McKenney & Waterbury, 181 Franklin, Boston, Mass.
Milwaukee Gas Stove Co., Milwaukee, Wis.
National Safety Gas Burner Co., Providence, R. I.
Nomand Light Co., 90 B'way, N. Y.
North Carolina Talc & Mining Co. (Burner Blanks), Hewitt, N. C.
Northern Light Co., 1242 Fulton, Brooklyn, N. Y.
Odin Stove Mfg. Co., Erie, Pa.
Ohio Pump & Brass Co., Columbus, O.
Oil Well Supply Co., Pittsburg, Pa.
Orchard Mfg. Co., 51 Frankfort, N. Y.
O'Reilly, Michael, Buffalo, N. Y.
Pittsburg Clay Mfg. Co., New Brighton, Pa.
Pittsburg Supply Co., Pittsburg, Pa.
Pittsburg Stove & Range Co., Pittsburg, Pa.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Reineke, Wilson Co., Pittsburg, Pa.
Simpson Stove & Mfg. Co., 26 Liberty av., Pittsburg, Pa.
South Pittsburg Iron Works Claysville, Pa., & Empire bldg, Pittsburg, Pa.
Stamford Gas Stove Co., Stamford, Conn.
Starr Acetylene Gas Burner Co., Chattanooga, Tenn.
State Line Mfg. Co., Chattanooga, Tenn.
Steward, D. M. Mfg. Co. ("E. H."), Chattanooga, Tenn.
Sunlight Lava Co., Chattanooga, Tenn.
Sunlight Lava Mfg. Co., Chattanooga, Tenn.
Superior Mfg. Co., Allegheny, Pa.
Tallmage, M. F., Buffalo, N. Y.
Taylor, J. B., Buffalo, N. Y.
Toledo Gas & Oil Burner Co., Toledo, O.
Union Foundry Co. ("Allen"), Dayton, O.
Union Gas Burner Co., Buffalo, N. Y.
Van Houten, E. J. S., 74 Park Pl., N. Y.
Vim Cycle Hardware Co., 224 B'way, Buffalo, N. Y.
Wheeling Gas Stove & Range Co., Wheeling, W. Va.
Williamson, R. & Co., 52 E. Lake, Chicago, Ill.
Young, E. R. & Sons, Titusville, Pa.

Burners (Natural Gas Blast)

Tate, Jones & Co. (Inc.) ("Kirkwood"), Pittsburg, Pa.

Burners (Natural Gas Fuel)

Tate, Jones & Co. (Inc.) ("Klein," "Kirkwood" for Fuel Under Boilers and for Furnaces, Kilns, Dryers, Welding, etc.), Pittsburg, Pa.

Burners (Pyrite & Sulphur)

Bethlehem Foundry & Macine Co. (For Chemical Mfrs., etc.), South Bethlehem, Pa.
Caroline Iron Works, 723 S Caroline, Baltimore, Md.

Burners (Refuse)

Jackson & Church Co., Saginaw, Mich.
Muskegon Boiler Works, Muskegon, Mich.

Burning Brands.

Butler, A. C., 284 Pearl, N. Y.
Illig & Hartmann, 211 Pine, St. Louis, Mo.
Murdock, Jas., Jr., Co., 116 Longworth, Cincinnati, O.
Ness, Geo. M., Jr., 61 Fulton, N. Y.
Northwestern Stamp Works, (also Shingle Brands), St. Paul, Minn.
Parker, T. M., Hartford, Conn.
Schwerdtle Stamp Co., Bridgeport, Conn.

Bushings.

American Pulley Co. (Metal to Fit Any Shaft), 29th & Bristol, Phila., Pa.
Belknap Mfg. Co. (Brass), Bridgeport, Conn.
Bliss, E. W. Co., 17 Adams, Brooklyn, N. Y.
Darling Pump & Mfg. Co., Ltd. (Brass), Williamsport, Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad. N. Y. (See adv. index, end of book.)
Graphite Lubricating Co. (Graphite & Bronze), Bound Brook, N. J.
Hamlin & Emery Brass Co. (Brass, "Flush & Hexagon), 26 Island, Boston, Mass.
Holmes Fibre Graphite Mfg. Co. (Electrical), 5155 Wakefield, Philadelphia, Pa.
New Process Raw Hide Co., (Raw Hide), 248 W Wash'n, Syracuse, N. Y.
NORTH AMERICAN METALINE CO., (Loose Pulley, Oilless), 4 West av, Long Island City, N. Y. (See adv. index, end of book.)
Peru Electric Mfg. Co. (Battery), Peru, Ind.
Powell, Wm. Co., 2525 Spring Grove av., Cincinnati, O.
Scranton Button Co. (Incandescent Lamp), Scranton, Pa.
UNION ELEVATOR & MACHINE CO. (Self Lubricating), 144 Ontario, Chicago, Ill. (See adv. index, end of book.)
Western Tube Co. (For Pipe Fittings, etc.), Kewaunee, Ill.

Bushings (Ball Bearing)

Pressed Steel Mfg. Co., Ridge av. & Willow, Phila., Pa.

Bushings (Bronze)

Eastwood Wire Mfg. Co., Belleville, N. J.

Bushings (Conduit)

Steel City Electric Co. ("Fullman" for ends of Electric Wire Conduits), 3d & Penn av, Pittsburg, Pa.

Bushings (Expanding)

Brown & Sharpe Mfg. Co., Providence, R. I.

Bushings (Hard Fibre)

(See Fibre Mfrs., Hard.)

Bushings (Porcelain)

Electric Porcelain & Mfg. Co., Trenton, N. J.
Canton Insulator & Clay Co., Canton, O.
Pass & Seymour, Syracuse, N. Y.

Bushings (Roller Bearing)

Duplex Roller Bushing Co., Belfast, Me.
Hyatt Roller Bearing Co., Harrison, N. J.
Torry Roller Bushing Works, Bath, Me.

Bushings (Trolley Wheel)

Brill, J. G. Co., 62d & Woodland av, Phila., Pa.
Graphite Lubricating Co., Bound Brook, N. J.
Torry Roller Bushing Works, Bath, Me.

Butchers' Machinery & Supplies.

(See Machinery.)

Buttons (Check Power)

WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)

Buttons (Push)

(See Push Buttons.)

Butts (Ball Bearing)

STANLEY WORKS (Wrought Steel), New Britain, Conn., & 79 Chambers, N. Y. (See adv. index, end of book.)

Butts (Brass)

(See Hinge Mfrs., Butt, etc.)

Cabinet Work for Buildings.

(See Interior Hardwood Work)

Cabinet Work (Metallic).

Art Metal Construction Co., Jamestown, N. Y.
BERGER MFG. CO., Main Office & Works, Canton, O. Branches; 210 E 23d, New York; 23 Lake, Chcago; 1215 Filbert, Phila., Pa.; 176 Federal, Boston, Mass., & 623 N Main, St. Louis, Mo.. (See adv. index, end of book.)
Cornell, J. B. & J. M. Co., 26th & 11th av, N. Y.
Krag Metallic Construction Co., Pontiac bldg., Chicago, Ill.

Cabinets (Oil)

Bowser, S. F. & Co. (Roll Top), Ft. Wayne, Ind.
N. Y. Oil Cabinet Co. ("Wiley"), 180 Cherry, N. Y.

Cabinets & Filing Cases (Metallic).

(See Filing Cabinets & Devices.)

Cable Rack (for Manholes, Tunnels, Etc.)

Cope, T. J. 3244 N 15th, Phila., Pa.

Cables (Aerial)

HAZARD MFG. CO., Wilkesbarre, Pa.; 50 Dey, New York; Conestoga bldg, Pittsburg, Pa., & 71 W Adams, Chicago, Ill. (See adv. index, end of book.)

Cables (Lead Covered)

American Electrical Works, Providence, R. I.; 26 Cortlandt, New York, & 82 Lake, Chicago
AMERICAN STEEL & WIRE CO. Sales offices: Rookery, Chicago; Battery Park bldg, New York; Worcester, Mass.; Frick bldg, Pittsburg; Western Reserve bldg, Cleveland; Chemical bldg, St. Louis; Pioneer Press bldg, St. Paul, Minn.; Equitable bldg, Denver, Colo.; 16th & Folsom, San Francisco; 9th & Irving, Portland, Ore.; 160 Central av, Los Angeles, Cal.; 71 King William St., London, Eng., & N. Y. Life bldg, Montreal, Canada. (See adv. index, end of book)
Bishop Gutta Percha Co., 422 E. 25th, New York
Brixey, Rich, DeW. (Kerite), 203 B'way, N. Y.
Crescent Insulated Wire & Cable Co., Trenton, N. J., & 53 Barclay, New York
HAZARD MFG. CO., Wilkesbarre, Pa., & 50 Dey, N. Y. (See adv. index, end of book)
India Rubber & Gutta Percha Insulating Co., 15 Cortlandt, N. Y.
Indiana Rubber & Insulated Wire Co., Jonesboro, Ind.
Moore, Alfred F., 202 N 3d, Philadelphia, Pa.
National Conduit & Cable Co., 41 Park row, New York
National India Rubber Co., Bristol, R. I.; 253 B'way, N. Y., & Providence, R. I.
New York Insulated Wire Co., 114 Liberty, New York
OKONITE CO., LTD., 253 B'way, New York. (See adv. index, end of book.)
Roebling's, John A. Sons Co., Trenton, N. J.; 117 Liberty, New York; 171 Lake, Chicago, & 25 Fremont, San Francisco, Cal.
*Robertson, John & Co. (Incasing Only), c Water & Washington, Brooklyn, N. Y.
Safety Insulated Wire & Cable Co., 114 Liberty, New York
Simplex Electrical Co., 110 State, Boston, Mass.
Standard Underground Cable Co., Westinghouse bldg., Pittsburg, Pa.; 56 Liberty, N. Y., Betz bldg., Phila., Pa.; "Rookery," Chicago, Ill; 10 P. O., Boston, Mass., & Croosley bldg, San Francisco, Cal.
*Tatham & Bros. (Incasing Only), 223 S 5th, Philadelphia, Pa., & 82 Beekman, New York

Cables (Rubber Covered)

(See Wire, Rubber Covered.)

Cables (Submarine)

American Electrical Works, Providence, R. I.; 26 Cortlandt, New York, & 82 Lake, Chicago
AMERICAN STEEL & WIRE CO. Sales offices: Rookery, Chicago; Battery Park bldg, New York; Worcester, Mass.; Frick bldg, Pittsburg; Western Reserve bldg, Cleveland; Chemical bldg, St. Louis; Pioneer Press bldg, St. Paul, Minn.; Equitable bldg, Denver, Colo.; 16th & Folsom, San Francisco; 9th & Irving, Portland, Ore.; 160 Central av, Los Angeles, Cal.; 71 King William St., London, Eng., & N. Y. Life bldg, Montreal, Canada. (See adv. index, end of book)
Bishop Gutta Percha Co., 422 E 25th, N. Y.
Brixey, Rich. DeW. (Kerite), 203 B'way, N. Y.
Crescent Insulated Wire & Cable Co., Trenton, N. J.
Eastern Electric Cable Co., 61 Hampshire, Boston, Mass.
HAZARD MFG. CO., Wilkesbarre, Pa.; 50 Dey, New York; Conestoga bldg, Pittsburg, Pa., & 71 W Adams, Chicago, Ill. (See adv. index, end of book.)
India Rubber & Gutta Percha Insulating Co., 15 Cortlandt, N. Y.
Indiana Rubber & Insulated Wire Co., Jonesboro, Ind.
Moore, Alfred F., 200 N 3d, Philadelphia, Pa.
National Conduit & Cable Co., Times bldg, N. Y.
National India Rubber Co., Bristol, R. I.; 253 B'way, N. Y., & Providence, R. I.
OKONITE CO., LTD., 253 B'way, New York. (See adv. index, end of book.)
Roebling's, John A. Sons Co., Trenton, N. J.; 117 Liberty, New York; 171 Lake, Chicago, & San Francisco, Cal.
Safety Insulated Wire & Cable Co., 114 Liberty, N. Y.
Simplex Electrical Co., 110 State, Boston, Mass.
Standard Underground Cable Co., Westinghouse bldg, Pittsburg, Pa.

Cables (Suspension Bridge)

AMERICAN STEEL & WIRE CO. Sales offices: Rookery, Chicago; Battery Park bldg, New York; Worcester, Mass.; Frick bldg, Pittsburg; Western Reserve bldg, Cleveland; Chemical bldg, St. Louis; Pioneer Press bldg, St. Paul, Minn.; Equitable bldg, Denver, Colo.; 16th & Folsom, San Francisco; 9th & Irving, Portland, Ore.; 160 Central av, Los Angeles, Cal.; 71 King William St., London, Eng., & N. Y. Life bldg, Montreal, Canada. (See 317 E Lake, Chicago; 163 Wash'n, N. Y.;
HAZARD MFG. CO., Wilkesbarre, Pa.; 50 Dey, New York, Conestoga bldg, Pittsburg, Pa., & 71 W Adams, Chicago, Ill. (See adv. index, end of book.)
Roebling's, John A. Sons Co., Trenton, N. J.; 117 Liberty, New York; San Francisco, Cal., & 171 Lake, Chicago

Cables (Underground)

HAZARD MFG. CO., Wilkesbarre, Pa.; 50 Dey, New York; Conestoga bldg, Pittsburg, Pa., & 71 W Adams, Chicago, Ill. (See adv. index, end of book.)
OKONITE CO., LTD., 253 B'way, New York. (See adv. index, end of book.)

Cables (Weatherproof)

(See Wire, Weatherproof.)

Cableways (Wire Rope)

(See also Wire Rope Tramways.)

BRODERICK & BASCOM ROPE CO.; 809 N. Main, St. Louis, Mo., & 33 South, N. Y. (See adv. index, end of book.)
HAZARD MFG. CO., Wilkesbarre, Pa.; 50 Dey, New York; Conestoga bldg, Pittsburg, Pa., & 71 W Adams, Chicago, Ill. (See adv. index, end of book.)
LESCHEN, A. & SONS ROPE CO. (Wire Rope), 920 N. 1st, St. Louis, Mo.; 317 E Lake, Chicago; 163 Wash'n, N. Y.; 85 Fremont, San Francisco, Cal., & 1717 Arapahoe, Denver, Col. (See adv. index, end of book)
LIDGERWOOD MFG. CO., 96 Liberty, New York, & Old Colony bldg, Chicago. (See adv. front colored page)

Cages (Mining)

Allis-Chalmers Co., N. Y. Life bldg, Chicago; 71 B'way, New York. Works, Chicago, Milwaukee & Scranton, Pa.
Bartlett, A. F. & Co., Saginaw, Mich.
Connellsville Machine & Car Co., Connellsville, Pa.
Davis, F. M. Iron Works Co., Denver, Col.
Denver Engineering Works Co., Denver, Col.
Eagle Iron Works (Coal Mine), Terre Haute, Ind.
Ellison, Wm. & Sons Mfg. Co., 1020 N 6th,
Gem Mfg. Co. ("Gem," Steel for Miners Oil Reserve Supply), Pittsburg, Pa.
Hendrie & Bolthoff Mfg. & Supply Co., Denver, Col.
Kenney & Co., Scottdale, Pa.
Litchfield Fdry. & Machine Co., Litchfield, Ill.
Lucas, A. & Sons (Self-Dumping), Peoria, Ill.
Marine Iron Co., Bay City, Mich.
Mine & Smelter Supply Co., Denver, Col.
Monongahela Mfg. Co. (Self-Dumping, Steel-Hoisting), Monongahela, Pa.
Nelsonville Foundry & Machine Co., Nelsonville, Ohio
Niles Mine & Mill Supply Co., Cleveland, O., & Niles, O.
Ottumwa Iron Works, Ottumwa, Iowa
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
Stine, S. B. & Sons, Osceola Mills, Pa.
Union Iron Works, San Francisco, Cal.
Union Iron Works (Inc.), Spokane, Wash.
Vulcan Iron Works, Wilkesbarre, Pa.
Wellman-Seaver-Morgan Co., Cleveland, O., & Akron, O.

Caisson Foundations.

Chicago & Great Lakes Dredge & Dock Co., Cham. of Commerce bldg, Chicago, Ill.
Clark & Co., 100 B'way, New York
Drake & Stratton Co., Farmers' Bank bldg., Pittsburg, Pa.; 100 B'way, N. Y.. & 32 S. Broad, Philadelphia, Pa.
Foundation & Contracting Co. (Pneumatic, etc.), 37 Nassau, New York.
Gahagan, Walter H., 189 Montague, B'klyn, N. Y.
Houston Construction Co., 713 Girard bldg, Philadelphia, Pa.
McMullen, Arthur, 21 Park Row, N. Y.
Missouri Valley Bridge & Iron Works (A. J. Tullock, Prop.), Leavenworth, Kan.
O'Rourke Engineering Construction Co., 26 Nassau, New York
Smith, Wm. Sooy, Stock Exchange bldg., Chicago, Ill.
Sooysmith, Chas., 71 B'way, N. Y.
Steers, Henry, Jr., 17 Battery pl, New York.
United Enigneering Construction Co., 15 Park Row, New York.

Caissons (Sheet Iron)

Carroll-Porter Boiler & Tank Co. ("Bridge, Etc."), Empire bldg., Pittsburg, Pa., & Wellsville, O.
Coatesville Boiler Works (Steel), Coatesville, Pa., & 702 Fidelity bldg, Phila., Pa.
East Jersey Pipe Co., Paterson, N. J., & 71 B'way, N. Y.
Ellicott Machine Co., Bush & Severn, Baltimore, Md.
Pollock, Wm. B. Co., Youngstown, Ohio.
Reeves Bros. Co., Alliance, O.
Riter-Conley Mfg. Co. (Steel), 56 Water, Pittsburg, Pa., & 39 Cortlandt, N. Y.

Calcite

York Chemical Works, York, Pa.

Calcium Carbide

Kalbfleisch, Franklin H. Co., 35 Burling Slip, New York.
Union Carbide Co., Chicago, Ill. Works, Niagara Falls, N. Y. & Sault Ste Marie, Mich.

Calendering Machines

(See Machinery.)

Calculagraphs

Calculagraph Co., 9 Maiden Lane. New York

Calf Weaners

Barbee Wire & Iron Co. (Wire), 44 Dearborn, Chicago, Ill., & Lafayette, Ind.

Calipers.

See also Gauges, Caliper;
Rules, Caliper;
Squares, Caliper;
Micrometers;
Spherometers.

Athol Machine Co., Athol, Mass.
Belcher Bros. & Co., Irvington, Newark, N. J.
Bemis & Call Hardware & Tool Co., Springfield, Mass.
Billings & Spencer Co., Hartford, Conn.
Brown & Sharpe Mfg. Co., Providence, R. I.
Chapin-Stephens Co., Pine Meadow, Conn.
Eagan, Thos. F., Worcester, Mass.
HAMMACHER, SCHLEMMER & CO., 133 4th av, N. Y. (See adv. index, end of book.)
Johnson, Wm., 249 Plane, Newark, N. J.
Humphrey Machine Co., Keene, N. H.
Kraeuter & Co. (Register, Outside Navy, Etc.), 577 18th av, Newark, N. Y.
LUFKIN RULE CO., Saginaw, Mich, U. S. A. Branches, 280 Bway, New York, & 48 Lime, London, E. C., Eng. (See adv. index, end of book.,
Peck, Stow & Wilcox Co., Southington, Conn., & 27 Murray, N. Y.
Pratt & Whitney Co., Hartford, Conn.
Sawyer Tool Mfg. Co., Fitchburg, Mass.
Slocomb, J. T. & Co., Providence, R. I.
Smith, E. G. (the Columbia), Columbia, Pa.
Springfield Machine Screw Co. ("Diamond" Pocket Inch), Springfield, Mass.
Starrett, L. S. Co., Athol, Mass.
Stevens, L. Arms & Tool Co., Chicopee, Falls, Mass.
Turner, F. L. & Co., Orange, Mass.
Welles, Fred A. (Adjustable, etc.), 419 Sycamore, Milwaukee, Wis.

Calipers (Beam)

Athol Machine Co., Athol, Mass.
Billings & Spencer Co., Hartford, Conn.
Sawyer Tool Mfg. Co., Fitchburg, Mass.
Smith, E. G. (Graduated), Columbia, Pa.

Calipers (Cotton)

LUFKIN RULE CO., Saginaw, Mich, U. S. A. Branches, 280 Bway, New York, & 48 Lime, London, E. C., Eng. (See adv. index, end of book.)

Calipers (Gear Tooth)

Brown & Sharpe Mfg. Co., Providence, R. I.

Calipers (Log)

Humphrey Machine Co. (Decimal), Keene, N. H.
LUFKIN RULE CO., Saginaw, Mich, U. S. A. Branches, 280 Bway, New York, & 48 Lime, London, E. C., Eng. (See adv. index, end of book.)

Calipers (Micrometer)

(See Micrometers.)

Calipers (Spring)

Athol-Machine Co., Athol, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
HAMMACHER, SCHLEMMER & CO., 133 4th av, N. Y. (See adv. index, end of book.)

Calipers (Veneer)

Brown & Sharpe Mfg. Co., Providence, R. I.
HAMMACHER, SCHLEMMER & CO., 133 4th av, N. Y. (See adv. index, end of book.)
Smith, E. G. (the Columbia metric), Columbia, Pa.

Calipers (Winged)

Bemis & Call Hdw. & Tool Co., Springfield, Mass.
HAMMACHER, SCHLEMMER & CO., 133 4th av, N. Y. (See adv. index, end of book.)

Calkers (Pipe)

Smith, A. P. Mfg. Co. ("O'Neil" Steam), Newark, N. J.

Calorimeters

Eimer & Amend, 211 3d av., N. Y.

Camp Stools & Chairs.

CARPENTER, GEO. B. & CO., 202 S. Water, Chicago, Ill. (See adv. index, end of book.)
Miller Bros. (Gem Folding), Rochester, Mich.

Cams.

Chester Steel Castings Co., Chester, Pa., & 407 Sansom, Phila., Pa.
Chrome Steel Works (Canda Chrome Steel, Self Locking), Chrome, N. J.
National Steel Castings Co., Montpelier, Ind.
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
Reliance Steel Casting Co., Pittsburg, Pa.

Can Openers.

Bridgeport Hardware Mfg. Corp., 481 Iranstan av., Bridgeport, Conn.
Browne & Dowd Mfg. Co. ("Never-Slip & King"), Meriden, Conn.
Buffalo Specialty Mfg. Co. ("Double Quick" & "Ezy-Kut-Kan Kutter"), Buffalo, N. Y.
Dover Stamping & Mfg. Co. ("Never Slip Monarch"), Cambridge, Mass.
Landers, Frary & Clark, New Britain, Conn.
Osborn, C. S. & Co. (Inc.), Newark, N. J.
Smith, J. Barton Co., Norris & Hope, Phila., Pa.
Smith, J. Barton, Co., Norris & Hope, Phila. Pa.
Springfield Machine Screw Co. ("Sprague" Pattern), Springfield, Mass.
Streeter, N. R. & Co. Rochester, N. Y.
Vogel, Wm. & Bro. ("Arizona"). 37 S 9th, Brooklyn, N. Y.
Wrightsville Hardware Co., Wrightsville, Pa.

Candles (Electric)

Electric Contract Co., 202 Centre, N. Y.
Howard Electric Novelty Co., 227 Canal, N. Y.
Tardie, Emile J., 221 6th av., N. Y.

Candles (Plumbers')

Knapp Mfg. Co., 24 Frankfort, New York
Standard Oil Co. ("Which will tin"). 26 B'way, N. Y.

Candlesticks, Colonial

Elm City Brass & Rivet Co., Plainville Conn.,
GORHAM MFG. CO., Bway & 19th, New York. (See adv., front stencil.)
JACKSON, WM. H. CO., 29 E. 17th (Union Square), N. Y. (See adv. index, end of book.)

Candlesticks, Miners'

Cleveland Lock Co., Cleveland, O.

Canning House Sundries

Hull, J. S. Mfg. Co. (Gasoline Burners, Fire Pots, Heaters, etc.), Baltimore, Md.

Cannon (Yacht).

Snow, L. T., 698 Chapel, New Haven, Conn.
Wilcox, Crittenden & Co., Middletown, Conn.

Canopies

WINSLOW BROS. CO. (Iron, Bronze & Brass). Main Office & Works, 368 Carroll av, Chicago, Ill.; 160 5th av, N. Y.; 326 4th av, Pittsburg, Pa.; Colonial Trust bldg, St. Louis, Mo.; Hennen bldg, New Orleans; 121 New Montgomery, San Franisco, Cal.; 108 Ord, Los Angeles, Cal.; n. w. cor. Clay & Liberty, Baltimore, Md., & Andrus bldg, Minneapolis. (See adv. index, end of book)

Cans (Ash, Etc.)

Briscoe Mfg. Co. ("O-Rib-O"), Detroit, Mich.
Geuber & Paeschke Mfg. Co. ("Cream City"), Milwaukee, Wis.
Dover Stamping & Mfg. Co. ("Dover" Galvanized Steel, also with Safety Coal Sieve), Cambridge, Mass.
Iron Clad Mfg. Co., 4 Cliff, N. Y.
North Star Ash Can Co. (Engineers' Steel). 167 Chrystie, N. Y.

Cans (Ice)

(See Ice Cans for Artificial Ice.)

Cans (Ice Cream)

Buhl Stamping Co., Detroit, Mich.
Crandall & Godley Co. (and Machinery), 157 Franklin, N. Y.
Iron Clad Mfg. Co., 4 Cliff. N. Y.
Richman, Geo. F., 3053 N 15th, Phila., Pa.
Stuart & Peterson Co. (Porcelain Lined), Burlington, N. J.
White Mountain Freezer Co., Nashua, N. H.

Cans (Milk)

Buhl Stamping Co., Detroit, Mich.
Clark, W. J. Co., Salem, O.
Dover Stamping & Mfg. Co., Cambridge, Mass.
Geuber & Paeschke Mfg. Co., Milwaukee, Wis.
Iron Clad Mfg. Co., 4 Cliff, N. Y.
Oakes & Burger ("Empire State" & "Union"), Cattaraugus, N. Y.

Cans (Oil)

Adams & Westlake Co., Ontario c N Franklin, Chicago, 2042 N. 10th, Phila., Pa., & 26 Cortlandt, N. Y.
Akron Mfg. Co., Akron, O.
American Can Co., 11 Bway, N. Y., & Merchants' Loan & Trust bldg, Chicago
American Tube & Stamping Co., Bridgeport, Conn.
Beman Automatic Oil Con Co., Meadville, Pa.
Briscoe Mfg. Co. ("O-Rib-O," 1 to 5 gallons), Detroit, Mich.
Brown Oil Can Co., Toledo, O.
Bumann Mfg. Co., Litchfield, Ill.
Consolidated Fruit Jar Co., New Brunswick, N. J., & 200 Bway, N. Y.
Deverall Perfection Mfg. Co., Coney Island av & Johnson av, Brooklyn, N. Y.
Dover Stamping & Mfg. Co. ("Acme"), Cambridge, Mass.
Gem Mfg. Co. ("Gem" Heavy Brazed Steel Oil Carriers), Pittsburg, Pa.
Gray, Peter & Sons, 88 Union, Boston, Mass.
Geuber & Paeschke Mfg. Co. ("Cream City," Anti-Leak, Galvanized)
Hall Mfg. Co., 40 Cortlandt, N. Y.
Handlan-Buck Mfg. Co. (Railway, etc.), 212 N 3d, St. Louis, Mo
Harps, J. A. Mfg. Co. ("Never Fail," for Oil or Gasoline, for Household Use), Greenfield, O.
Hunt & Dorman Mfg. Co., Cleveland, O.
Iron Clad Mfg. Co., 2 Cliff, N. Y.
Knapp Mfg. Co. (Oil Carriers, etc.), 24 Frankfort, N. Y.
McClintoch & Irvine, Pittsburg, Pa.
Manhattan Brass Co., 1st av. & 28th, N. Y.
New Century Mfg. Co. (Oil Cans, Self-Measuring), Dayton, O.
Noera Mfg. Co., Waterbury, Conn.
Ohio Lantern Co. ("Baron," Glass, Wire Cushioned), Tiffin, O.
Porter, Robt. (Est.), Provident bldg, Phila., Pa.
Rochester Automatic Oiler & Supply Co., Rochester, N. Y.
Rockford Can Co., Rockford, Ill.
Sands Mfg. Co., Allegheny, Pa.
Shepard, Sidney & Co., Buffalo, N. Y., & 21 Cliff, N. Y.
Smith, S. W., Keithsburg, Ill.
Snell Cycle Fittings Co., Toledo, O.
Standard Oil Can Co., Toledo, O.
Troy Stamping Works, Troy, N. Y.
Vogel, Wm. & Bros., 37 S 9th, Brooklyn, N. Y.
Wall, P., Mfg. Co., Allegheny, Pa.
Wheeling Stamping Co., Wheeling, W. Va.
Wilson, F. Cortez & Co., 239 Lake, Chicago.
Winfield Mfg. Co., Warren, O.

Cans (Packers', Etc.)

Virginia Can Co. (Lock Seam), Buchanan, Va.
Wheeling Can Co., Wheeling, W. Va.

Cans (Waste)

Akron Mfg. Co., Akron, O.
Beman Automatic Oil Can Co., Meadville, Pa.
Clark, W. J. Co., Salem, O.
Cleveland Wire Spring Co. (Sheet Metal), Cleveland, O.
Dover Stamping & Mfg. Co. (Oily Rag & Waste Can), Cambridge, Mass.
Geuber & Paeschke Mfg. Co. (Galvanized Iron), Milwaukee, Wis.
Standard Oil Can Co., Toledo, O.

Canthooks.

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book.)
Atkins, E. C. & Co., Indianapolis, Ind.
Bangor Edge Tool Co. (With Dog Nose, etc.), Bangor, Me.
Boston & Lockport Block Co., 160 Commercial, Boston, Mass.; 33 South, N. Y., & Lockport, N. Y.
Buckeye Saw Mfg. Co., 285 Water, Columbus, O.
Canton Saw Co., Canton, O.
CARPENTER, GEO. B. & CO., 202 S. Water, Chicago, Ill. (See adv. index, end of book.)
Champion Tool & Handle Works ("Champion," "Wolverine"), Evart, Mich.
Columbus Handle & Tool Co., Columbus, Ind.
Dicke, C. H. Tool Co., Downer's Grove, Ill.
Filer & Stowell Co., Milwaukee, Wis.
Gerlach, Peter & Co., Cleveland, O.
Jackson Shovel & Tool Co. ("Acme"), Montpelier, Ind., & Market & Randolph, Chicago
Keystone Drop Forge Co., Chester, Pa.
Klein, Mathias & Son, 87 W. Van Buren, Chicago
Knight Mfg. Co., Canton, O.
Oshkosh Logging Tool Co., Oshkosh, Wis.
Prouty, C. & Co., Eldred, Pa.
Sanford, A. Logging Tool Co., Oshkosh, Wis.
Simonds Mfg. Co., New Orleans, La.
Standard Saw Mill Machinery Co., Erie, Pa.
Zelnicker, Walter A., Supply Co., 408 N 4th, St. Louis, Mo.

Capitals (Carved Wood)

(See Carvers, Wood, Classic; also Columns, Porch, etc.)

Capitals (Composition)

(See also Ornaments, Composition.)

EMMEL, CHAS. (PAPIER MACHE Staff), 383 Albany, Boston, Mass. (See adv. index, end of book)
Harnisch, Ad., Spencer nr Chlorine Springs, Syracuse, N. Y.
Hartmann, Jno., 13 N Jefferson, Chicago
Spangler, Frank, Toledo, O.

Capitals (Plaster)

(See Ornaments, Plastic.)

Caps (Bronze)

GORHAM MFG. CO., Bway & 19th, New York. (See adv. front stencil.)
JACKSON, WM. H. CO., 29 E. 17th (Union Square), N. Y. (See adv. index, end of book)

Caps (Driving)

Rumsey & Co., Ltd. (Inc.), (Malleable Iron, also Caps or Heads Steel Driving), Seneca Falls, N. Y.

Caps (Galvanized Iron Door & Window)

BERGER MFG. CO., Main Office & Works, Canton, O. Branches, 210 E 23d, New York; 1215 Filbert, Phila., Pa.; 176 Federal, Boston, Mass.; 623 N Main, St. Louis, Mo., & 23 Lake, Chicago, Ill. (See adv. index, end of book.)

Caps (Ventilating)

Wolverine Brass Works, Grand Rapids, Mich.

Capstans

Whitcomb Bros., Barre, Vt.
Woodstock Hardwood & Spool Mfg. Co. (Wooden), Charleston, S. C.

Capstans (Steam)

American Ship Windlass Co., Providence, R. I.
Chase Machine Co., 111 Elm, Cleveland, O.

Car Basket Racks.

Creamer, W. G. & Co., 96 John, N. Y.

Car Brasses.

(See Bearings, Journal.)

Car Builders.

(See Cars of Various Kinds).

Car Builders' Earthenware.

Bellmark Pottery Co., Trenton, N. J.

Car Bumping Posts.

(See Posts, Car Bumping).

Car Ceilings.

American Veneer Co., Jersey City, N. J.
Bowers Mfg. Co., Harrison, N. J.
Frost's Veneer Seating Co., 206 Canal, New York
Wallace Supply Co., 56 5th av, Chicago, & 26 Cortlandt, N. Y.

Car Cleansing Powders & Compounds.

Aquart, A. D. (Varnish Renovator), Chemical Bldg., St. Louis, Mo.
De Ronde, Frank S. Co. (The "Sacarbolate"), 46 Cliff, N. Y.
India Alkali Works (the Savogran), Boston, Mass.
Modoc Soap Co., Cincinnati, O.

Car Couplers.

(See Couplers, Cars.)

Car Curtains & Materials.

Boston Artificial Leather Co., 12 E 18th, New York
Boyle, Jno. & Co. (Cotton Duck & Curtain Strips), 112 Duane, N. Y.
CARPENTER, GEO. B. & CO., 202 S. Water, Chicago, Ill. (See adv. index, end of book.)
Curtain Supply Co., 87 Ohio, Chicago
Dayton Mfg. Co., Dayton, O.
Federal Mfg. Co. (Curtains only), Elyria, O.
Forsyth Bros. Co., 50 S Canal, Chicago
Hale & Kilburn Mfg. Co., 48 N 6th, Phila., Pa.
Hale & Kilburn Mfg. Co., Lehigh av & 18th, Phila., Pa.
Lewis, Robt., Richmond & Brill, Phila., Pa.
Pantosote Co., 11 Broadway, N. Y.
Trolley Vestibule Shade Co. (Automatic Vestibule Shades), Bridgeport, Conn.

Car Dumpers

BROWN HOISTING MACHINERY CO., Cleveland, O., & 26 Cortlandt, N. Y. (See adv. index, end of book)
BROWNING ENGINEERING CO., Cleveland, O. (See adv. index, end of book)

Car Doors & Fittings.

American Car Door Co., Ingalls blk., Indianapolis, Ind.
Camel Co. (Security), Old Colony bldg, Chicago, Ill.
Chicago Grain Door Co., Monadnock bldk, Chicago, Ill.
DAHLSTROM METALLIC DOOR CO. (Car Doors), Jamestown, N. Y. (See adv. index, end of book.)
Dayton Malleable Iron Co. (Fasteners), Dayton, O.
Edwards, O. M. Co. (Extension Platform Trap Doors), Syracuse, N. Y.
Jones Car Door Co., 234 La Salle, Chicago, Ill.
Kanaly, M. E. Co., Cambridgeport, Mass.
McGuire-Cummings Mfg. Co. (Grain, Freight, etc.), 122 N Sagamon, Chicago, Ill.

Miller Supply Co. (Grain, etc.), Houser bldg, St. Louis, Mo.
National Railway Specialty Co., Old Colony bldg., Chicago, Ill.
Sheffield Car Co. (Grain, etc.), Three Rivers, Mich.
Smith Car Door Co., 234 La Salle, Chicago
Standard Railway Equipment Co., Nat'l Bank of Commerce bldg, St. Louis, Mo.
Stearns, A. T. Lumber Co., Neponset & 166 Devonshire, Boston, Mass.
Western Railway Equipment Co. (Western Flush), Union Trust bldg, St. Louis, Mo.

Car Fenders.

Baltimore Car Wheel Co. (The Blakistone), Baltimore, Md.
Brill, J. G. Co., 62d & Woodland av, Phila., Pa.
Consolidated Car Fender Co., 39 Cortlandt, N. Y.
Dunning, Edw. L. Co., 64 Federal, Boston, Mass.
Eclipse Car Fender Co., Cleveland, O.
Graf, Fred'k J. (Automatic), 47 St. Marks pl., N. Y.
Hunter Automatic Fender Co., Cincinnati, O.
Mayer & Englund, 1024 Filbert, Phila., Pa.
McGuire-Cummings Mfg. Co. ("Royal Flush"), 122 N Sangamon, Chicago, Ill.
New Haven Car Register Co., New Haven, Conn.
Parmenter, Geo. A., Cambridgeport, Mass.
Peckham Mfg. Co., 26 Cortlandt, N. Y.
Pfingst, Louis, 31 State, Boston, Mass.
Simonds Mfg. Co., Pittsburg, Pa.

Car Gates & Guards.

Brill, J. G. Co., 62d & Woodland av., Phila., Pa.
Brownell Car Co., 219 N 4th, St. Louis, Mo.
PITT, WM. R. COMPOSITE IRON WORKS, 111 5th av., N. Y. (See adv. index, end of book.)
Smith & Wallace (the Sargent), Woburn, Mass.
Vogan Bros. Mfg. Co., New Castle, Pa.

Car Hauls

JEFFREY MFG. CO., Columbus; O.; 41 Dey, N. Y., & Equitable bldg., Denver, Col. (See adv. index, end of book.)
Link Belt Engineering Co. (Link Belt Auxiliary), Nicetown, Phila., Pa.; 47 Dey, New York, & Park bldg, Pittsburg, Pa.

Car Journal Coolers.

Cook Car Journal Co., Flint, Mich.

Car Lighting Apparatus.

Adams & Westlake Co., Ontario & N. Franklin. Chicago, Ill.; 26 Cortlandt, N. Y., & 2042 N 10th, Phila., Pa.
Consolidated Car Heating Co., Albany, N. Y., & 42 Bway, N. Y.
Consolidated Railway Electric Lighting & Equipment Co. (Automatic Electric Car Axle), 11 Pine, New York
Pyle National Electric Headlight Co. (Acetylene Gas), Monadnock blk., Chicago, Ill.
Safety Car Heating & Lighting Co. (Pintsch Light), 160 B'way, N. Y.; Olive & 7th, St. Louis, Mo., & Monadnock blk., Chicago.
Smith, Chas. G., 350 Pearl, N. Y.
Wilson, F. Cortez & Co., 239 Lake, Chicago

Car Linings, Refrigerator

Union Fiber Co. (Flexible Flax Fibre), Winona, Minn., & 143 Reed, Milwaukee, Wis.

Car Link & Pin Machines.

(See Machines, Car Link & Pin.)

Car Movers or Pushers

(See also Bars, Pinch.)

Advance Packing & Supply Co. ("Advance"), 55 S Canal, Chicago, Ill.
ANDERSON, WM. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Appleton Car Mover Co. ("Atlas"), Appleton, Wis.
Barnard & Leas Mfg. Co. ("Atlas" & "Easy"), Moline, Ill.
Borden & Selleck Co. (Double Clutch), 48 Lake, Chicago, & Cleveland, O.
Boston & Lockport Block Co. ("Giant"), 160 Commercial, Boston, Mass.
Boyer-Radford Mfg. Co. ("B. & R."), Dayton, O.
Buhl Malleable Co. ("Sheldon"), Wight & Adair, Detroit, Mich.
CARPENTER, GEO. B. & CO., 202 S. Water, Chicago, Ill. (See adv. index, end of book.)
Dodge Mfg. Co., Mishawaka, Ind.
FAIRBANKS, MORSE & CO. ("Sampson"), Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av., St. Louis; 1217 Union av., Kansas City, Mo.; 234 E. 3rd, St. Paul; 220 Nicollet av., Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book.)
Jacobus, P. H., Millstadt, Ill.
Marseilles Mfg. Co., Marseilles, Ill.
MINNEAPOLIS STEEL & MACHINEry Co. ("Champion"), Minneapolis, Minn. (See adv. index, end of book)
Morgan Engineering Co., Alliance, O.
Oshkosh Logging Tool Co. ("Mogul"), Oshkosh, Wis.
Pearson Jack Co. ("The U. S."), 64 Federal, Boston
Railway Appliances Co. (The "R. A."), Old Colony bldg., Chicago, Ill.
Rowell, G. & Son ("Samson"), Appleton, Wis.
Skillin & Richards Mfg. Co., 147 Fulton, Chicago
Stafford, E. H. & Bros. ("Easy"), 262 Wabash av., Chicago
Verona Tool Works (and Locomotive Car Pushers), Verona, Pa., & Pittsburg, Pa.
WEBSTER MFG. CO. ("Sheldon"), 1075 W 15th, Chicago, & 38 Dey, N. Y. (See adv. index, end of book.)
Woodman, R. Mfg. & Supply Co. ("Easy"), 63 Oliver, Boston
Zelnicker, Walter A. Supply Co. ("Double Clutch"), 408 N 4th, St. Louis, Mo.; Mobile, Ala., & New Orleans, La.

Car Platforms (Steel)

(See Platforms, Steel Car.)

Car Plush.

Aikman, C. M. & Co. (Mohair), 91 5th av, N. Y.
Chase, L. C. & Co., 129 Washington, Boston
Goff, D. & Sons (Mohair), Pawtucket, R. I.
Sanford Mills, Sanford, Me.

Car Pullers.

(See Pullers Car.)

Car Pushers.

(See Car Movers.)

Car Replacers.

Alexander Car Replacer Mfg. Co., Mears bldg., Scranton, Pa.
BUDA FOUNDRY & MFG. CO. ("Buda"), Railway Exchange bldg, Chicago, Ill. (See adv. index, end of book)
Handy Car Euqipment Co., Old Colony bldg, Chicago, Ill.
Heitzmann Tool & Supply Co. (The "Perfect," Pressed Steel), Hoboken, N. J.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Kline, August, Utica, N. Y.
Laconia Car Co., 131 State, Boston, Mass. Works, Laconia, N. H.
Railway Appliances Co. ("Fewing's"), Old Colony bldg., Chicago, Ill.
Portsmouth Pressed Steel Co. ("Pritchard" Pressed Steel), Portsmouth, O.
Tilden, B. E. Co., Monadnock blk, Chicago

Car Seals & Presses.

(See Seals & Presses.)

Car Seats, Chairs & Fittings.

Adams & Westlake Co. (Seats & Chairs), Ontario & N. Franklin, Chicago, Ill.; 26 Cortlandt, N. Y., & 2042 N 10th, Phila., Pa.
American Car Seat Co. (Rattan Seating), 18 Guernsey, Broooklyn, N. Y.
American Veneer Co. (Veneered Seats & Chairs) Jersey City, N. J.
Bowers Mfg. Co., Harrison, N. J.
Creamer, W. G. & Co., 96 John, N. Y.
Dayton Mfg. Co., 2240 E 3d, Dayton, Ohio
Frost's Veneer Seating Co. (Veneered), 206 Canal, N. Y.
Hale & Kilburn Mfg. Co. (Steam & Electric Car Seating, etc.), 48 N 6th, Philadelphia, Pa.
Hartford Woven Wire Mattress Co., Hartford, Conn.
Heywood Bros. & Wakefield Co. (Seats, etc.), Gardner, Mass.
Johnson Chair Co. (Chairs, etc.), 233 N Green, Chicago
Knitted Mattress Co., Canton Junction, Mass.
Marks Adjustable Chair Co. (Parlor & Reclining Chairs), 321 E 22d, N. Y.
Richards Chair-Panel Co. (Reclining, Dining & Wicker Car Chairs), Women's Temple, Chicago, Ill.
Scarritt Furniture Co. (Seats, Chairs & Reclining Chairs), St. Louis, Mo.
Wallace Supply Co., 56 5th av, Chicago, & 26 Cortlandt, N. Y.

Car Steps (Folding)

Cheever, W. H. (for Vestibule Cars), Nashua, N. H.

Car Trimmings.

Adams & Westlake Co. (Metal Coach), Ontario, cor N Franklin, Chicago, Ill.
American Car & Ship Hdw. Mfg. Co. (Brass & Bronze), New Castle, Pa.
Buescher Mfg. Co., Elkhart, Ind.
Central Union Brass Co. (Brass & Bronze), 11th & Mullanphy Sts, St. Louis, Mo.
Curtain Supply Co., 85 Ohio, Chicago, Ill.
Columbia Machine Works & Malleable Iron Co. (Electric), 169 Chestnut, Brooklyn, N. Y.
Creamer, W. G. & Co. (also Trolley Car Trimmings), 96 John, N. Y.
Dayton Mfg. Co., Dayton, O.
Halstead & Co., 1129 Cherry, Phila., Pa.
Howard, Jas. L. & Co., (Metal), Hartford, Conn.
Kraushaar Brass Mfg. Co. (Brass & Bronze), 2507 N Bway, St. Louis, Mo.
Loeffelholz & Co., 170 Clinton, Milwaukee, Wis.
Page Bros. & Co., 347 Cambridge, Boston
Sherburne & Co., 53 Oliver, Boston
Wallace Supply Co., 56 5th av, Chicago, & 26 Cortlandt, N. Y.

Car Wheel Flasks.

(See Molders' Flasks.)

Car Wheel Tapes.

(See Tapes, Car Wheel Measuring.)

Car Wheels.

(See Wheels, Car, etc.)

Car Window Fixtures.

Edwards, O. M. Co., Syracuse, N. Y.
Ward, E. J. Co. (Shade Fixtures), 100 Lake, Chicago

Car Window Rubbers

Morgan & Wright (Inc.), 19 N May, Chicago, Ill.

Carbide Manufacturers.

Union Carbide Co., 45 Bway, N. Y., & 157 Michigan av., Chicago, Ill.

Carbon Manufacturers.

International Acheson Graphite Co. (Pure), Niagara Falls, N. Y.

Carbon Black Mfrs.

American Carbon Black Co., Warren, Pa.
Binney & Smith Co., 81 Fulton, N. Y.
Carbon Mfg. Co., Ltd., Kane, Pa.
Castle Brook Carbon Black Co., Williamsport, Pa.
Columbian Carbon Co., Williamsport, Pa., & Weston, W. Va.
Davidson, Jas. H., 239 Front. N. Y.
Eastern Carbon Black Co., Eaton, Ind.
Hoskins, W. S., Mt. Jewett, Pa.
Peerless Carbon Black Co., Kane, Pa.
Osborn, Clarence J. (broker), 65 Fulton, New York
Weston Carbon Co., Warren, Pa.

Carbonate of Barytes.

Gabriel & Schall (Pure Precipitated), 205 Pearl, N. Y.

Carbons (Arc Light)

Consumers Carbon Co., Lancaster, O.
Crouse-Tremaine Carbon Co., Fostoria, Ohio
Faraday Carbon Co., Jeannette, Pa.
Frosup, L. E. (Imported), 234 Greenwich, N. Y.
Machado & Roller (Importers), 203 B'way, N.Y.
National Carbon Co., Cleveland, O.
Reisinger, Hugo (Importers), 11 B'way, N. Y.
Speer Carbon Co., St. Mary's, Pa.
United States Carbon Co., Grand av. & C. & P. R. R., Cleveland, O.
Washington Carbon Co., Washington, Pa.

Carbons (Battery)

American Carbon & Battery Co., 2134 De Kalb. St. Louis, Mo.
Dickey-Sutton Carbon Co., Lancaster, O.
Eastern Carbon Works, Jersey City, N. J.
National Carbon Co., Cleveland, O.
Speer Carbon Co., St. Mary's, Pa.

Carbons (Diamond Drill)

Baszanger, J. & Co. (also Rough Diamonds & Bort), 108 Fulton, N. Y.
Lexow, Theodor, 14 John, N. Y.
Yawger-Lexow Co., 12 John, N. Y.

Carbons (Searchlight)

National Carbon Co., Cleveland, O.
United States Carbon Co., Cleveland, O.
Washington Carbon Co., Washington, Pa.

Carburettors

Byrne, Kingston & Co., Kokomo, Ind.
SPRAGUE CANNING MACHINERY Co., 42 River, Chicago, Ill. (See adv. index, end of book.)
Turner Brass Works, Franklin c of Michigan. Chicago. Ill.

Card Indexes.

BERGER MFG. CO. (Steel). Main Office & Works, Canton, O.; Branches, 210 E. 23d, N. Y.; 23 Lake, Chicago, Ill.; 623 N. Main, St. Louis, Mo.; 1215 Filbert, Phila., Pa., & 176 Federal, Boston, Mass. (See adv. index, end of book.)
Buckeye Index Co., Niles, Ohio.
Elliott Co., 100 Purchase, Boston, Mass.; 309 Bway, N. Y., & Monadnock blk, Chicago, Ill.
General Fire Proofing Co. ("All Steel" Metallic), Youngstown, O.; 156 5th av, New York; 541 Wood, Pittsburg, Pa.; Old Colony bldg, Chicago, Ill., & Colorado bldg, Washington, D. C.
Globe-Wernicke Co., Cinn., O.; 380 Bway, New York; 224 Wabash av, Chicago, Ill., & 93 Federal, Boston, Mass.
Gray Bros. Mfg. Co., Muskegon, Mich.
Krag Metallic Construction Co. (Metallic), Pontiac bldg, Chicago, Ill.
Library Bureau, 530 Atlantic av, Boston, Mass.
Macey, Fred. Co., Grand Rapids, Mich.
Rockwell-Wabash Co., Chicago, Ill. Factory, Wabash, Ind.
Wabash Cabinet Co., Wabash, Ind.
Yawman & Erbe Mfg. Co., Rochester, N. Y., & 360 Bway, N. Y.

Caroussel Mfrs.

(See Carrousells, Organs, etc.)

Carpenters' Adz Mfrs.

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Collins Co., Collinsville, Conn., & 212 Water, N. Y.
Findlay Axe & Tool Co., Findlay, O.
White, L. & I. J. Co., Buffalo, N. Y.

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(Firms marked with † are Builders; see also firms marked the same in Masons & Builders.)

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†Houser & Swain
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†Discher, Geo. H., 156 Marine
†Emrich, J. P., 103 S Conception
†Fonde Building Co., Conti & Water
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!Hayes & Pulliam, Florida n Marine
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Robertson, James B., 223 Davis av
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Rutherford, Thos. H., 158 Marine
†Sevelle, Myles H., Spring Hill
†Smith, Michael, 104 Augusta
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Sossaman, Wm., 308 Marine
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Thornton, Wm. J., 262 S Jackson
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†Fitchett, Geo. W., 15 Reuben
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†Cowan, Joseph
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Shuler, J. F.
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†McDowell, Wm., 212 W Markham
Markling & Co., 1004 Main
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†Odom, John S., 1610 Jones
†Powers, Patrock, 1402 Commerce
†Schmelzer, John, 1122 Commerce
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†Stalcup, Joseph, 1022 Cross
Wendler, M. O.
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Harrison, W. H.
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Peck, George
Reeves, John
Ross, J. H.

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Vinson, James

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Haines, Elwood
Harris, Nathan
Henton, W. R.
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Payne, E.
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Roberts, Jesse
Swanson, J. F.

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Brown, A. C.
Brown, S. G.
Jones, James
Jones, J. H.
Kern, Elias
McKlemurry, Louis
May & King
Stelle, Richard
Walker & Semeler
Woodson, Wm.

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†Reber, M. F.

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Weeden, Thomas

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Youngs, Allen

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Woodworth, T. H.

BUENA PARK—†Boney, J.

CLOVERDALE—Hayward, H. M.
Howard, J. D.

COLMA—Peterson, Chas.
Verlinden, A. E.

COLTON—†Walin, J. F.

COLUSA—†Danner, J. B.
Harmeson, C.
Hathaway, Wm.
Henderson, D. C.
Roe, A. H.
Sappington, F. G.
†Smith, George
Von Dorsten, E. L.
Von Dorsten, H. W.

COURTLAND—Ballson, W.
Goldman, C. P. Jr.
Isham, M. L.
Palmer, C. E.

CRESCENT CITY—Burgett, Frank
Carrin, Fred.
Conner, James
Hansen, Richard
Patterson, Chas.

CROCKETT—George, F.
Johnson, A.
Perrin, W.

DOWNEY—Nagle, J. J.
†Thomas & Jones

DOWNIEVILLE—Hainer, J. W.
Hart, Amos
McClure, E. A.
McGuire, A. J.

DUNSMUIR—Clark, A. J.
McClurg, J.
Smith, G. W.

EASTLAND—Bundy, L. E.
Wheeler & Perry

ELK GROVE—†Barry, E. E.
Kennedy, W. D.
Rodgers, J. G.

ESCONDIDO—Culp Bros.
George, W.
Stewart, S. M.

ETNA MILLS—Dawson, Edward
Facey & Co.
Franz, F. W.
Wallis, Albert

EUREKA—Brown, Thomas
Evan, Knowles
Gardner, C. J.
Harrington, W. A.
Hosmer, John
McDougal, John
Morse, H. C.
Mowrey, E. O.
Sawyer, Geo.
Tarver, B. L.

EXETER—†Griffin & Owen
Humphrey & Son
Hunter, L. T.

FOLSOM—Barr, B. F
Geyat, R. H.
Hastings, H. L.
Houston, Noah
Tong, Gilbert

FOREST HILL—Allen, E.
Reamer, James
Stetson, J.

FORT BRAGG—Campbell, Walter
Carmichael, A. F.

FRESNO—Amazeen, G. G.
Anton, C. B.
Brower, G. S.
Brown, A. H.
Coble, C. C.
Davis, D.
Hansen, H. A.
Leonhart Bros.
†Minard, W. H.
†Rehorn, Frank
†Riggins, Emmett
Smith, E. R.
Walley, G. H.

FULLERTON—†Lotz, Chas. E.
†Smith, C. H.
†Weber, A. J.

GILROY—Brewer, C.
Dorland, J. J.

GONZALES—Elliott, W. T.
Majoica, Frank
Sommers, Hans
Workins, Jacob

GRASS VALLEY—Body, W. C. D. & Bro.
Loehr, Frank
Oliver, Wm. P.

GRIDLEY—Palmer, Jenkins & Co.
Prather & Rose
Ryan, Henry
Sooy, Thomas

HANFORD—Arnold, W. A.
Ford, J. P.
Gamble, D.
Little, O. L.
Nyswonger, W. H.
Sharples, Frank

HAYWARDS—†Dahl, Wm., B av
Haar, J. H., C st
Thorp & Asmussen

HUENEME—Gorman, John
Newby, O. L.
Shultz, H.
Wilson, C. H.

ISLETON—Coates, Jas.
Holland, G. W.
Palmer, E.
York, B. J.

JAMESTOWN—Slomcker, L. T.
Wheelock, W.

LAKEPORT—Hydorn, J. W. W.
Lyons, John
West, W. W.
Woodrum, John

LAMANDA—Gray, Frank
Gowle, W. F.

LIVERMORE—†Meyers, J. F.
Wilder, C. C

LODI—Clark, H. L.
Gum, Knox
Larson, J. N.
Van Vlear, E. F.

LOMPOC—Haines, J. S.
Tucker, B. F.

LONG BEACH—Castle, G. H.
Craig, R. J.
Dunn, J. C.

LOS ANGELES—†Anderson, J. F., 2422 Juliet
†Anderson, R. J., Byrne bldg
Anslyn, C. M., 1001 E 29th
Arnold, W. S., 630 San Pedro
Beaudry, J. S., 127 E 4th
†Bell R. L., 908 E 3d
†Bonner, G. W., 502 Downey av

Bowen, Jno. C., 442 S B'way
Braunling, F. W., 652 S Main
Brown, Geo., 404 N Alemeda
†Burnett, Jas., 437 S Flower
†Burr, W. O., 901 Judson
Carlton, M. C., 800 Temple
Chapman, C. E., 120 W 6th
Chicago Cabinet Works, 610 S B'way
Crocker, A. B., 1142 E 45th
†Cromley, C. E., 101 S B'way
†Daubenspeck, W. S., Builders' Ex
†Daubenspeck, W. S., Builders' Ex
†Dawson & Eldridge, Lankershim bldg
Day, T. W., 2110 Bonsalio av
Deane, J. L., 610 N Figueron
†Dequine, F. H., 1609 Scott av
†Dolson, I. S., S. W. cor. Ida & Bellevue av
†Doran & Brouse, 106 N Belmont av
†Engstrum, F. O., 525 Towne av
Francis, Leroy, 1802 S Main
†Frankland, J. G., 1364 S Figueron
†Franklin & Frankland, Builders' Ex
Fritz, G. M., 1539 Ingraham
†Furbeck, R. W., 1446 W 29th
Garber, F. J., 879 E Jeff'n
†Gardiner, J. M., Douglas bldg
Gilbert, W. H., 132 S B'way
†Goetz, H. X., Builders' Ex
Graves, F., Builders' Ex
Gray, J. A., 948 S Grand av
Hall, Hy., 305 E 4th
†Hall, J. F., Builders' Ex
†Hammon, N. W., 637 N Grand av
†Hanlon, Jno., 1328 Hope
†Harbou, G. W., Lankershim bldg
†Hatton, W. J., 1137 Av 28
†Haupt, Paul, Laughlin bldg
Hayes, J., 940 College
†Henry, C. W., 944 Hinton av
Holden, C. A., 1537 Cambria
†Ingersol, C. T., Zamora n Colby
Jackson, J. F., 214 W 5th
†Jacobi. L., 612 N St Louis
Johnson, O., Builders' Ex.
Johnston, W. V., 702 S Spring
Keefe, Walter, 122 San Pedro
†Keeney, J. A., 309 W 1st
†Kemp & Sinclair, Builders' Ex
†Koopman, W. H., 1406 S Union av
†Kubach, C. J., Stinson bldg
Lang, J. S., 507 Central pl
Lemoine, A., 1316 Thalia
Lerrigo & Son, 315 W 7th
†Long, Jno. T.
†Los Angeles Building Co., 254 S B'way
†Low, Geo., 602 E 4th
†McCuen, Jno., 949 W 9th
†MacPherson, J., 3615 S Flower
†Marcoux, A., 1426 S Los Angeles
†Mathis, J. A., Stimson blk
Megary, C. T., 1440 W 29th
†Miles, L. E., 1613 S Central av
Morehouse, Saml, 127 W 4th
†Morrison, J. W., 1154 S Flower
Motashed, Chas., 1509 Manitou av
Mneller Wm., 208 E 2d
Murphy & McLennan, 119½ S Spring
Parker, C. L., 228 Requena
Pratt, G. T., 216½ N B'way
Preston, E. S., 450 E 4th
†Pretcr, Joseph, 3710 Central av
Reichenbach, Grille & Cabinet Works, 616 S. B'way
Rommel, W., Stimson bldg
†Saffel, Z. C., 1744 W 20th
Saum, D. A., 127 N Los Angeles
†Scholl, W. J., 415 E 16th
†Seelye, O. L., 1287 W Jefferson
†Sharpe, W. D., 623 W State
†Shipley, E. C., 744 E 8th
†Sloan, J. C., 839 Short
†Sloan & Gray
†Smith, C. F., 736 E 18th
†Smith, J., 1129 Stanford av
†Smylie, W. H., 1937 S Grand av
†Spaulding, F. L., 737 E 27th
Standard Rig Building Co., 114 S Spring
Stratton, S. M., 860 N Figueroa
Stratton, W. A., 486 Custer av
Stnart, George A., 249 Centre pl
Snck, L., 122 Centre pl
†Swenson, A., Stimson blk
Taylor & Henderson, 729 S Olive
Thorne, E. J., 2407 Hoover
†Thornton, W. E., 1372 S Flower
†Tibbets, J. M., 150 S Daly
Van Auken, G. W., 336 S B'way
Weber & Haase, 108 S B'way
†Weber, Moritz, 1203 W 25th
Weimer, C. B., 212 W 5th
†Weston, Eugene, 331 Douglas bldg
White, R. C., 126 N B'way
†White, T. H., 1323 Santee
†Wright, Walter R., 1034 E 27th
†Yarnall, W. E., 529 Wall

LOS GATOS—†Alexander, W. G.
Hill, J. J.
Reynolds, Jno. F.

MARTINEZ—Bulger, Luke
Empey, A. S.
Ludden, C. H.
Pereina, Joseph

MARYSVILLE—Gray, C. N.
†Swain & Hudson

MOKELUMNE HILL—Danz, John
Gold, Frank
Hutchinson, Edward

MONTEREY—Bickford, H. P.
Frazier, D. K.

NAPA—†Benedict & Hatch
Corlett Bros.
†Doughty, E. W.
Hocken, R. W.
Lengeman, H.
†Robinson, J. L.
Wright, E. W.

NEEDLES—Liddel & Gilroy
Patton, A. G.
Scott, J. C.

NEVADA CITY—Timm, F. W.
†Tompkins, O. A.
Weisenburger, H. C.

NEW ALMADEN—Buzza, W. O.
Delmaestro, Angel

NEW CASTLE—Johnson, Chas.
Jones, W. C.
Smith, Joseph

NORTH ONTARIO—Gargan, P.
Gerry, J.

OAKLAND—Almquist & Rudolph, 378 10th
Burpee, J. S., 1401 Castro
Caldwell, J. C., 116 Tel. av
†Cameron & McDonald
†Cavanagh, E. H., 1428 Tel. av
Champney Bros., 433 San Sablo av
Davis & Son, E 28th & 9th av
Dixon, J. B., 569 E 12th
Jones, F. G., 1113 Webster
Kirk, G. A., 408 10th
†Leiter, E. T., 467 10th
Leber & Cowell, 628 E 12th
McCarty & Co., 530 16th
Nichols & Son, Idaho nr Laurel av
Simpson, J. H.
Smith, H. M., 621 18th
Spence, A. T.
Whitcomb, E. E., 27th nr Shuey av
Woodward-Watson Bldg. Co., William nr San Pablo av
Wright, F. P., 516 30th

ONTARIO—Beesley & Cline
Cochran, D.
Gerry, John
Manley, R.

ORANGE—†Martz & Aspden
McClellan, J. T.
†Meachan, A.

OROVILLE—Anthony, Joseph
Greenleaf, Wm. F.
Ross, J. W.
Sound, Gustaf
Sparks, E. M.

PACIFIC GROVE—Bickford, H. P.
Boswell, Levi
Crosby, G. S.
Gray, John
Higgins, Wm.
Hoyt, W. H.
McMillen, Hiram
Patrick, J. R.
Patrick, R. W.
Pattison, John
Sanders, W.
Virgin, Amos
Woolsey, G.

PALOALTO—Madison, M. P.
Moser, G. W.
Tucker, S. H.

PASADENA—Brown, Patrick, 241 S Vernon av
Caswell, A. A. & Co., 16 Mills
†Cogswell, H. F., 45 Mills
†Crowell, W., Weymouth, c Yolo av & Yale
Hamilton, Menzo H., 665 N Fair Oaks av
Hardwick, Thos. V., 375 Kensington pl
Hess, Wm. J., 195 N Raymond av
Howell, Chas. H., 367 Kensington av
Lincoln, Chas. E., 275 N Vernon av
Mallett, Jno. R., 300 N. Vernon av
Nels, Fredk., 555 S. Las Robles av
†Phillipps & Hodgkins, 104 Elevardo Drive
Pierce, Albert W., 261 S Vernon av
†Plant & Dewson, 723 Lincoln av
†Reed, D. T., 417 Adella av
Ryder, Thos J., 305 Kensington av
†Seward, H. C., 545 Adelia av
†Slavin, M., Matthew, 774 N Marengo
†Stanley, C. N., 389 N Fair Oaks av
†Stephens, A. J., 9 Greene
Stern, Thos. C., 5 Mary
Swift, Fred., 143 N Passadena
Tirrell, Albert B., 796 N. Moline av
†Towle & Hansen, 236 Franklin av
Tubbs, Seth B., 103 N Pasadena
Witham, Chas. W., 384 Cypress av
Wooster, Chas., 377 Kensington av

PASO ROBLES—Creasy, L. A.
Grant, W. E.
Irwin, S. B.
Lindner, J. S.
Smith, Wm.
Sweet, T. A.

PETALUMA—†Camm, Wm.
Cluver, Henry
Fredericks, M. H.
†Hedges & Paff
†Kill, J. M.
Perry, J. S.
Rodd, Samuel
Walker, E.

PINOLE—Alvarez, John
Powing, Wm.

PLACERVILLE—Cote, Phillas
Hill, H. S.
McLaughlin, J. M.

PLEASANTON—Bruce, C. A.

POMONA—†Bartlett, O. J.
Cowles Bros.
†Green, F. D.
Hanson, Henry
Johnson, Henry
†Milton, W. J.
†Mishler, H.
†Rolph, S. J.

RED BLUFF—Allen, W. A.
Apperson, W. L.
Bierce & Johnson
Cramer, A. S.
†Hoit & Gregg
Hughes, Wm.
†Johnson, J. A.
North, E. B.
†O'Connor, T. L.
Paul, Valentine
Reynolds, Otis

REDDING—Herron, M. W.
Noarse, F. W.
Wright, J. E.

REDLANDS—Lynn, F. E.
Storey, F. A.
Taylor, A. E.

REDWOOD CITY—Benjamin, D. F.
Tannahill, J. S.

RIVERSIDE—Boggs, A. W.
Cochran & McGilvray
Messer & Cox
Pratt, H. L.
Stanley & Masters
Suits, W. G.

ROCKLIN—Clark, J. E.
Clayton, F. M.
Miller & Gill

SACRAMENTO—Ahl, G. E., 1609 P
Anderson, Andrew, 1910 M
Book, F. W., 2900 G
Clayton, Z., 1721 12th
Cleveland, W. H., 2901 X
Covell, B. H., 1609 20th
DeShiell, Denwood, 2314 K
Gilson, M., 3012 M
Elliott, Henry, 720 N
Harris, J. E., 1114 P
Hook, Wm. & Son, 1729 H
Harvie, N., 2204 O
Houston, J. G., 2705 O
Hovey, A. M., 1605 19th
Jones, R. S., 522 I
McCaffrey, Thomas, 922 6th
McKay, G. W., 1726 19th
McKenzie, M. F., 1716 18th
Mead, F., 1728 9th
†Meis Bros., 1412 K
Merry & Vanina, 518 Alley
Miller & Mathews, 1111 9th
Murcell, W. T., 2511 J
Nelson, J. A., 728 L
Orr, J. L., 2408 I
Pike, B. F., 2304 H
Sampson, W. S., 2905 G
Schindler, C., 708 K
†Siller Bros., 1614 13th
Smith & Steinkamp, 216 J
Wendt, G. A., 2126 M
Wilcox, M., 629½ M
Wolf & Braun, 2101 N

ST. HELENA—Mixon, J. C. & Son
Mooney, J. C.
Rice, C. F.

SAN BERNARDINO—Buckhart, Chas.
Mooney, J. C.
Rice, C. F.
Ericsson, E. T.
Lesher, J. W.
Peck, O. B.
Schermerhorn, J. K.

SAN DIEGO—Armstrong & Pefley
Beer, J. C.
†Cassady & Moore
†Coats, Thomas, c 13th and F
†Co-operative Building Association
†Curtis, L. A.
†Englebretsen, Chas.
†Hansen, Geo.
†Houts, C. W.
†Landis, H. M.
Rolfe, C. D.
†Schaniel Bros.
†Shera, Jas., Roxbury blk, Room 10
†Steffey, W. E.
‡Stork, John, Old Town
†Summucks, M. D.

SAN FRANCISCO—†Acker, Francis V., 1327 Bush
Ackerson, Wm. W., 3 Fulton
Adams, Hiram W., 1306 Mission
†Adams & Co., 1625 Devisadero
Albertson, B. K., 1070 Howard
Anderson, Julius, 1740 Market
†Anderson, Peter, 624 Ellis
†Anderson & Co., 1625 Eddy
Arfsten, Knudt E., 112 Halleck
†Atlantic ulg & Pacific Co., 220 Market
Baldwin, Jas. W., 320 O'Farrell
†Bateman, Wm., 835 Folsom
Becaas & Caccia, 1013 Kearny
†Bishop, Frank, 1620 Fillmore
Boehrer, Jno., 22 Leidesdroff
†Born, Stephen A., 26 Montg'y
Bovyer, J. Alex., 1719 Sacramento
Brennan, Patrick J., 318 Bush
†Broadwood, Jno., 619 Bryant
†Brotherton, Robert, 415 California
Burdick, Mark S., 112 Clay
†Campbell, Jno. V., 1147 Mission
†Chatham, G. Wm., 137 New Montgomery
Christian, Thos., 534 Haight
Coast Constructing Co., 5 Market
Cohane, Lawrence, 710 Turk
Concannon, W. N., 40 New Montg'y
Conning & Gingg, 625 California
Cook, Jno. G., 318 Bush
Cook, Richard, 2204 Fillmore
Daniels, Fredk. V., 868 Howard
†Day's, Thos. H., Sons, 137 Montgomery
†Depew, Chas. M., 318 Bush
Dowling, J. J. & Co., 137 Montgomery
Douglas, Ralph, 1706 Fillmore
†Draper, T. B., 901 Stanyan
Drendell & Schlessinger, 625 Howard
†Dreyer, Bernard, 67 8th
†Duebel, Chas. A., 310 Fremont
Duffie, C. W., 1009 Post
Dundon Bridge & Cons. Co., 225 Folsom
Dutton & Hahn, 128 Golden Gate av
†Einstein, Daniel, Chronicle bldg
Elder, Geo. W., Phelan bldg
Ferguson & McCunn, 1757 Union
†Fischer, Chas., 448 Jersey
Elmore & Getty, 10 Mason
Foltz, Frank G., 1510 Bush
Forbes & Bruestle, 408 Mason
Flinn & Treacy, 302 Montgomery
†Franz, Valentine, 609 Golden Gate av
Frichette, Louis D., 223 Drumm
†Furness, John, 126 Kearny
Gilchrist, Jas., 63 Union Sq av
Gilman, Chas. H., 1631 Polk
Grant & McKenna, 5 Minna
Gray Bros., Hayward bldg
Guilbert, Auguste, 441 Francisco
Hallett & Gee, 1222 11th av
†Healy, Tibbitts & Co., 22 Market
Henderson, Jno. H., 472 Geary
Hills & Fischer, 900 Stockton
Hinrichs, J. F., 201 Polk
†Hoin, Theo. S., 1311 Bush
Holl, Jos., 616 Gough
†Holm, Carl A., 318 Bush
†Hurlburt, R. P., 126 Kearny
Hyde, Hayes & Co., 5 Market
Johnson & Secor, 351 3d
Karp, Henry, 885 Valencia
†Keenan, Hugh, 300 Webster
Kleuber, Jos., 922 Montgomery
Klyce, Harvey A., 106 Jessie
Knowles & Reichley, 519 Mission
Koch, Otto, 1609 Mission
Lantry, B., Sons, 22d cor Indiana
Lee, Cornelius M., 12 Golden Gate av
Lewis, T. J., 137 San Jose av
Little, Wm., 50 O'Farrell
McCausland, W. K., 511 Jackson
†McInerny, James, 152 Hancock
McInerny, P. J., 809 Folsom
McInnis, J. H., 318 Bush
McLachlan, Thos. M., 11 Trinity
McLean, Murdoch, 627 Howard
McLeod, Abrott, 504 Market
McMurray, Jas. D., 1750 Polk
McSheehy, Jas., 425 Bush
†MacInnis, F. P., 1103 Leavenworth
Mahony Bros., Crocker bldg
Mann, John, 839 1-2 Sutter
†Marcuse, Felix, 118 Montgomery
Mecredy Bros., 8 Stevenson
Merienne, Jules, 731 Montgomery
Merry, Thos., 38 Commercial
Miller, Geo. E., 612 Commercial
Mitchell & Grier, 1713 Sacramento
Mitrovich, Jno. I., 1032 Golden Gate av
Moller & Sass, 629 California
†Moore, Geo. H., Clunie bldg
Morris, Alfred G. Co., Herst bldg
Muller, Chas. F., 629 Sacramento
Murphy, J. J., 2859 California
Nichols, Hiram D., 100 Ash av
O'Neill & Hansell, 272 Stevenson
Odell, Walton L., 1417 Valencia
†Ogle, John, 318 Bush
†Pacific Construction Co., 4 California
†Pattinson, Jos., 1550 Turk
†Pease, Wm. C., 418 California
†Peel, Wm. B., 402 Kearney
Penny, Isaac, 414 O'Farrell
Pool Bros., 2050 Ellis
†Quinn, Chas., 133 Oak
†Quimby & Harrelson, 206 Kearny
Quinton, John, 819 Valencia
Ralves & Dekcer, 614 Clay
Read, E. & Son, 301 Holloway av
Ritchie, N. B., 2929 Mission
†Rive, Philip, 804 Lake
Robinett, Thos. W., 215 Stevenson
†Robinson & Gillesie, 407 Sutter
†Ross, James, 111 Van Ness av
Salanave, Jno., 821 Pacific
Sauer, Adam, 319 Noe
Schmidt, John C., 2288 Mission
Schmidt, Louis, 459 Stevenson
Scott, J. J., 1335 Scott
Snook, Jas. A. & Co., 247 Davis
Stecker, Eugene A., 2515 Mission
Stone, Reinhold, 510 Post
Sutor, Geo. W., 1146 Mission
Tench, Wm. M., 850 Mission
Thomson, Wm. T., 11 Halleck
†Traxler, Robt. P., 240a Sutter
Trounson, J., 315 Sutter
Tucker, E. W. & Co., 130 Main
Urfer, Chas. E., 635 California
Thomason, Edwin R., Phelan bldg.
Walker, Geo. H., 318 Bush
Walker Bros. Co., 1629 Grove
†Williams, Beiser & Co., Hayward bldg
Wilson, Joseph & Co., 863 Mission
Wiren, John, 113 William
Wyllie, John, 632 Washington
Zwierlein, Caspar, 1626 Grove

SAN GABRIEL—Hakne, F. L.
Post, Sebastian

SAN JOSE—Ames, C. H., 437 W Santa Clara
†Bacon, G. G., 604 Marliere
!Bacon, G. G., 16 E San Antonio
Ball, C. B., McLaughlin av nr Franklin
†Basse, Edward, 36 S 2d
†Bates, A. C., 75 Delmas av
†Boyles, W. F., 36 S 2d
Boynton, B. S., 282 S 8th
Brookfield, A. C., Franklin c. Jones
†Carter, Rinaldo S., 555 S 2d
Chandler, C. A., 45 Lightstone
†Clark, Thomas, 119 Balbach
Clifton, H., 36 S 2d
Cushman, C. J., 221 S 1st
Davis, Frank, 36 S 2d
Edmans, W. J., 93 Pierce av
†Field, Z. O., 42 E Santa Clara
Forgenson, P., 517 W San Carlos
Freeman, Bernard, 472 Minor av
†Gaetjen & Helliesen, 99 N Market
Gore, G. W., 164 E San Carlos
Heavner & Beard, 273 W San Fernando
Heckenroth, L. M., 36 S 2d
Hettinger, E. A., 36 S 2d
Hurlburt, W. H., 430 Minor av
James, W. S., 27 E San Antonio
Jorsensen, P. T., 517 W San Carlos
Kelsey, D. H., 59 S 2d
Kilvington, G., 1st c Taylor
†Lewis, L. H., 36 S 2d
Linda, P., 321 W San Carlos
McDaniel, J. J., Naglee and Park avs
†McIlvain, A. J., 36 S 2d
Madsen, N. P., 36 S 2d
Metz, G. H., 31 S Market
†Morrison Bros., 36 S 2d
Near, J. W., 381 N 15th
Nikerk, J. H., 60 Pond
Norton, C. H., 385 Clay
Owsley, B. T., 36 S 2d
Shottenhammer, E. J., 594 Vine
†Stewart, J. D., 6 N 3d
Stonehouse, A. F., 36 S 2d
†Summers, Robert, 17 N 1st
†Thorp, J. C., 36 S 2d
†Van Dalsem, E. A., 297 E St. John
†Wells, Proctor R., 36 S 2d
White & Williams, 36 S 2d
†Wise, F. B., 36 S 2d
Wochl, H. F., 559 Minor av
Wolfe, J. B., Bird av n William

SAN LUIS OBISPA—Bickford, L. M.
Dawson, Thomas
Evans, William
Wilson, I. L.

SAN PEDRO—Barton, S. M.
Edelman & Co.
Spring, J. R.

SANTA ANNA—†Blee, J. W.
†Dawes, T. H.
†McNeill, Christopher
†Kueckel & Black
†Morse, T. O.
†Noble, Will N. & Son
†Preble, Geo. E.

SANTA BARBARA—Baker, E. B.
Burdick, D. D.
Eaton & Senter
Fergus, E. O.
Fulwider & Coleman
McDonald, Wm. L.
Miles, W. R.
Miller, J. C. F.
Platz & Bassett
Robinson & Hardy
Rowen, F. A.
Stone, A.
Tornos, C.
Trace, D. B.
Tucker, C. G.
White, Guy
Whitaker, J. G.

SANTA CLARA—Adams, A. L.
Harlow, Toney
Landrum, A. J.
Marsh, A.
Metz, G. H.
Morrison Bros.

SANTA CRUZ—†Folsom, C. D.
†Hannon, L. S.
†Jess, W. T.
†Kay, Builder
†McCormick, L. B.
†Knapp-Builder
†Patterson, M. S.
†Reid, George W.
†Simmons, G. N.

SANTA MARIA—Doan, G. M.
Dutton, W. F.
Orr, A. H.
Steele & Lorge

SANTA MONICO—Barackman, S. T.
Goetz, H. H.
Grundholfer, Frederick

SANTA ROSE—Kuykendall, Jas. O.
Melson, Jas. O.
†Simpson & Roberts

SEBASTOPOL—Coon, L. O.
Finnell, A. E.
Folger, A.
Showalter, S.

SONOMA—Burke, J. M
†Carmer, C. E.
Manuel, H. C.
Norris, B. P.
Shaw, S. H.
Small, J. B.

SOUTH PASADENA—Keith, F. D.
Lydecker, A.
McCormick, Alexander
Mitchell, J. R.
Smith, J. H.
†Soper & Packard

STOCKTON—†Blair, C. C., Oak
†Braunton, W., 18 Park
†Brown, Jas., Trethaway blk.
†Burns, D. F., 581 California
†Clark, W. R., 386 Sutter
†Fields, Geo. H., 607 Centre
†Hoerl, J. F., 636 Stanislaus
†Lea, H. E., 420 Sutter
†Morris, W. A., 293 Sonora
†Noall, R., 440 Lafayette
†Powell, Robert, 368 Main
†Reibenstein, R. R., 250 Market
†Robinson, J., 129 Oak

†Roeder & Bohden, 391 Stanislaus
†Towne, C. A., 442 Lafayette
†Waite, H., 384 Oak
†Woodbridge, Wm. H., c Flora and American
†Woodruff, E., Sperry Addition
SUISUN—†Barnes, C. E.
†Price, J. W.
SUSANVILLE—Howell, Oscar
O'Dette, C. A.
Pyle, Thomas
TRUCKEE—Reed, James
Regar, J. W.
TULARE—Bachman, H. F.
Gregg, A. W.
Hicks, Amos
Wagner, F. K.
TUSTIN—†Preble, G. E.
VACAVILLE—Arnold, J. M.
Bailey, J. W.
Eversole, Henry
Gray, Frank
Kofod, James
Sharpe, Geo.
Steiger, F. A.
†Winterbottom, John
VALLEJO—Best, James
McCullough & Son
WALNUT—De Back, W.
Pert, L. N.
Sharp, B.
WEAVERSVILLE—Timmerman, L.
Wallace, E. W.
WILLOW—†Danner, J. B.
†Hayes, W. B.
†Pendergriss, W. K.
†Roberts, Frank
WINCHESTER—Haslam, D. A.
Jones, J. H.
Nutting, J. C.
O Leary, D.
Stillman, J. S.
WINTERS—†Ball, T. D.
WOODLAND—Curson, W. H.
†Ervin, H.
†Gilbert & Son
Glenn & White
King, B. E.
†Scott, D. S.
Tyson, Wm. A.
†Winne, W. H.
YANKEE JIM'S—Sanborn, G. S.
Weiker. J. L.
YREKA—Carlisle, H. J.
Cooper. G. W.
Davidson, T. B.
†Evan, Dudley
Gentry, Calvin
Gilbert, Lucien
Guilbert, L. E.

COLORADO.

AGUILAR—Davis, J. T.
Bogardis, L.
Parker, R. A.
ALAMOSA—Carpenter, Fred'k
ALMA—Bush, Jas.
McCoy, R. W.
Phelps, Chas. L.
ASPEN—Downer, D. H.
Morrison, R. H.
Ravage, C. A.
Salisbury, Joseph
Sawyers, N. M.
Welsh & Harris
BALD MOUNTAIN—Combs, Robert
Mills, Abraham
Rowling, John
BERTHOUD—Curtis, S. F.
Mills, W. L.
BEULAH—Abbott, P. E.
Hunt, E. W.
BOULDER—Bruce, John
Crouch, L. E.
Duke, J. G.
Fraser & McDonald
Gibbon, R. R.
Hammer, John
Hyder, James B.
Irwin, Wm. W.
Leland, Lyman W.
Oaks & Hixson
Pabst, H.
Skinner, John A.
Weaver, David
BRECKINRIDGE—Goodler, John
McAdoo, Wm.
Pehrson, Nels
BRIGHTON—Brashear, C. E.
Collier, F. F.
CANON CITY—Barr, Thos. H.
Cherry, A. F.
Dryden, Adam
Helm, C. T.
Okey, U. S.
Trout, G. E.
Ward, C. M.
CENTRAL CITY—Lamont & Ballard
Nicholas, Jno.
CHROMO—Bromley, F.
Underwood, L. M.
COLORADO SPRINGS—†Atkinson, L. S., 23 W Hee
†Atkinson, J. W., 15 S Cascade
Benton, B., Court pl
Calhoun & Martin, 26 S Tejon
Dannevik & Currie, 21 N Nevada
Esch & Vining, 225 N Cascade
Gillis Bros., 17 N Tejon
Hill, Jno., N Cascade
Killbuck, J. R., 6 E Kiowa
Killbuck, J. R., C. E Kiowa
Paster & Blood, 113 E Tijou
Roberts & Bischoff, 218 N Tijou
Rogers, J. R.
†Schmitt, Peter, 25 Exch pl
Sebring & Mahoney, 126 N Tejon
Sleeman, Gus, 9 Carpenter's al
Sweeney, 10 Carpenter's al
Vaughan & Davies, 25 W Huerfano
Waycot, Ernest, Cucharras & Si Madre
White & Ogden, 223 Conj
†Wright, Geo., 210 N. Tej
Wright, T. J., 21 N Nev.
CORTEZ—Crane, W E.
Routt, W. S.
CRAIG—Robinson & Teayarden
Taylor & Crowell
CREEDE—Barnett, H. M.
Coombs & Williams
Gee & Son
Geyer, M.
CRESTED BUTTE—Chappell, Cal
Rennoe Bros.
CRIPPLE CREEK—Connor, W. J.
Helm, W.
Hennessy, J. W.
Kirby, John
Lannan & Ritchie
McNeil, D. J.
Russell, Kirby & Co.
DEL NORTE—Graham, James
Mack, Hurl
Rogers & Stevenson
Savage & Campbell
DELTA—†Stockham & Hillman Co.
DENVER—Abair, F. X., 212 15th
Akins, S. W., 2748 Franklin
Baerresen, W. J. & Co., 428 15th
Baker, Jas. E., 1216 E 17th av
Barnes, W. A., 2915 Walnut
Bishop, G. T., Times bldg
Bishop & Bangs, 1541 Welton
Bitter, J. J., 329 E 17th av
Brink, Ferdinand, 1813 Champa
Brown Contracting Co., 1135 14th
Brumm, F., 1708 Curtis
Carpenter, Thos. J., 422 21st
Cary, Ralph B., 1739 Lawrence
Cocherell, J. W., 1058 12th
†Cochran & Hoklas, 1811 Stout
Colman & Son, 918 Larimer
Combs & Sess, 1422 Glenarm
Cook, Franklin, 19 E 16th av
Corrin, J. H., 1111 Santa Fe av
Craft, Wickman & Thacker, 1654 Glenarm
Crockett & Caldwell, 923 21st
Desjardins, Bernard, Continental bldg
Dunn, Chas. J., 1300 S Water
Eckstrom & Co., 1447 Champa
Fishburn, Wm. H., 2163 Blake
Flahiff, Thomas, 1319 17th
Fleming, D. Carson, 139 Bway
Flynn & Batton, 2157 Champa
Fruhling, A. & Co., 2152 Larimer
Forbes, Nelson, 1727 Stout
Funke, Philip, Continental bldg
Gaines, T. S., 1550 Blake
Gollick, Chas., 2312 E Colfax av
Graham Bros., 619 14th
Griffith, R. J. & Son, 1335 Welton
Hall & Wilson, 47 W Colfax av
Hallack & Howard Lumber Co., Larimer cor 7th
Hamman & Hodgson, 1710 Larimer
Hannum, A. S., 1213 Market
Hatch, C. O., 1846 Arapahoe
Hervey, S. O., 11 W Maple
†Hughes, Wm. G., 2019 Champa
Humphrey, A. C., 51 Pearl
Hurd, Asahel, 2254 Larimer
Jackson, Jas. B., 1717 Stout
Jerden, Nelson C., 1813 Arapahoe
Jewett, F. D. & Co., 2951 Gray
Jones & Son, 1356 Larimer
Lesenka, Jno. A., 1710 Larimer
Link, H. O., 1118 18th
Llewellyn, Lewis, 1621 Williams
McFarlane, J. F., 1739 Lawrence
McGrath & Stewart, 1624 Curtis
McPhee & McGinnity Co., 18th cor Wazee
Mack, E. L., 927 W 7th av
Mathers, Alex., 1416 W Colfax av
Malmone, G., 2636 Larimer
†Moncrieff, Z. E., 119 18th
Morcum, Chas., 1932 Lawrence
Norton & Reynolds, 1741 Curtis
Read, Jason, 2436 15th
Riley, Elliot, 1748 Blake
Sayre-Newton Lumber Co., 23d & Blake
Schram, Chris, 819 15th
†Steckel, Herman K., 2054 Chaffee av
†Stocker & Fraser, 16th cor Lawrence
Scott, A. J., 421 16th
Symons Bros., 1123 20th
Tenney, Melvin A., 1856 Arapahoe
Thompson, A. R. & Co., 2166 15th
Thrall, Jas. M., 136 S Tremont
Treadwell, Chas. E., 1857 California
Van Meter, M. H., 1531 Cleveland pl
White, J. T., 16 E 26th av
Young, C. A., 1640 Champa
Youngberg, C. M., 1423 Tremont
DILLON—Benson, John
Johnson, J.
DURANGO—Hutchings, C. B.
Lake, F. R.
McGillis, D. G.
Peterson & Vandegrift
Rose, R. H.
Treat, G. A.
EASTONVILLE—Barkley, Eli
Waterman, E. S.
EATON—Lair, M.
ELBERT—Carver, A. E.
Green, Taylor
ELIZABETH—Farris, Joe
Schroder, B. H.
Young, F. R.
ERIE—Gremfell, Geo.
Wilson, James L.
EVANS—Behrens, John H.
Jack, J. F.
Woods, J. C.
FORT COLLINS—Bodwell, V. C.
Button, C. A.
Cakelerear, Walter W.
Conley, M. G.
Davis, John
Early, W. T.
Garnich, T.
King, Geo. W.
Loveland, C. J.
Pierce, H.
Schroder, H. W.
Walker, J. E.
Wilson, C. N.
FORT GARLAND—Winther, Wm.
FORT LOGAN—Smith, T. H.
FORT LUPTON—Beagle, F. M.,
Fisher, C. H.
Frazier, W. W.
FORT MORGAN—Trout, A. M.
Tuttle, M. I.
Willison, C.
GARNET—Wolff, Martin
GEORGETOWN—Delaney, Geo.
Fillius, P.
Miller, A.
GLENWOOD SPRINGS—†Anderson, A.
†Floyd, E. B.
Grace, L. F.
Hugo, A. C.
Lessley & Hugo
†Weidenhammer, Chas.
GOLDEN—Eldridge, Samuel
Kimball, G. H.
Medell, Wm.
Unger, P. O.
GOLD HILL—Cook, Geo.
McFarlane, Dan
Walters, Chas.
GRAND JUNCTION—Carlyle & Shott
Covey, C. H.
Carrie, B. R. & Son
Lumsden, J. J.
Ramsey, R.
Rosing, B.
Steel, J. E.
Wedman, Joe
Wirt, E. L.
GREELEY—Barber, F. M.
Hall, R. L.
Havener & McSwain

Houghton, W. S.
Woodbury, J. A.
Wyman & Moss
GUNNISON—Phillips, Jas. S.
Unruh, D.
HOLYOKE—Conklin, J. F.
Dille, C. M.
Foster, L. P.
Kluch, James
IDAHO SPRINGS—Dory, J. E.
Holderness, D. & S.
Work Bros.
JULESBURG—Polley, D. C.
Wrlght, G. H.
LAFAYETTE—Griffin, L. C.
Hawley, F. A.
Merrill, C. W.
Van Etton, W. O.
LAKE CITY—Clark, A. J.
Ramsey Bldg. Co.
LAS ANIMAS—Boomer, L. E.
Bristol, Geo.
Foote, F. W.
Larson, Jas.
Richards, R. R.
Vandirere, W.
Winters, T.
LEADVILLE—Atkinson, L. S., Bank annex
Childs, E. G., F 6th
Christman, M., 512 Harrison av
†Cobble, W. W., 133 W 5th
Ellis, W. G.
Jones & Jones
McConnell, D.
O'Connor, Geo.
Roach, M. D.
†Schlosser, Geo. J., 803 Harrison av
Shaw, Chas. M., 213 E. 6th
LITTLETON—Edwards Bros.
Stewart, J. J.
Sutton, A. G.
Warner, J. P.
LONGMONT—Hall, I. F.
Wiggins, James
Parker, Edwd
LOUISVILLE—Giles, Geo.
Taylor, W. A.
LOVELAND—Blair, J.
Coykendall Bros.
Stephens, N. H.
Stephenson, E. M.
LYONS—Brown, A. B.
Kerr, Frank
Merrill, J. M.
LANITOU—Gilliis Bros.
Patterson, D. W.
MEEKER—Clark, B. F.
Goff, B. F.
Go'f, Joe
Underclearie
MESA—Bales & Smith
MOFFAT—Farmingham, John
Hali, L. E.
Irwin, A. I.
McDonald, A. A.
MONTE VISTA—Houck, J.
Peacock, W. B.
Shakespeare, C. N.
MONTROSE—Davis, N. S.
Meridith, H. A.
MONUMENT—Catchpole, Thos.
MORRISON—Breen, A. G.
Northrop, E.
OURAY—Clarke, J. F. & Co.
Taylor, E. H.
PUEBLO—†Borgstedt, O., 807 E 6th
†Canfield, Geo. W., 1024 Elm
Cox, Edw., 206 Santa Fe av
Fisher, F. L., cor. Santa Fe av & D
†Fraser, W. G., 217½ S Union
Geist, D. H., 713 W 12th
Glassford, O. S., 233 S Union av
Glover, Andrew, 1112 Spruce
Griesmer, Adam, 1101 Crystal pl
Harris, W. R., 322 W 5th
Hartsoe, Jas. C., 518 W 6th
†Hull, Almond E., 1100 Topaz av
Long, C. J., 23 Block M
McClellan, J. S., 219 Van Buren
Manners, C. R., 1603 Palmer av
Nills, J. R., 208 Santa Fe av
†Newton Lumber Co., c Court and 4th
†Pearson, Axel, 617 W 4th
†Piper Bros., 222 W 2d
†Pueblo Lumber & Mfg. Co., c D & Mechanics
Rice, L. W., 513 Santa Fe av
†Richardson & Campbell, c 4th and Court
†Shutt Improvement Co, Central Blk
Whitlock, W. J., 611 E 11th
RICO—Chapman, J. B.
Enfield, Sol.
ROCKY FORD—Clark & Williams
Gray, A. L.
Lamberton, O. C.
Schuyler & Lawton
Tutle, C. L. & Son
SAGUACHE—Keesey, Geo. W.
Keller, J. J.
Townsend & Buchanan
SALIDA—England & Riggs
Headrick, J. H.
Johnson & Colwell
Sisson & Turner
SANFORD—Jackson & Peterson
SEMPER—Foster, E. A.
Jones, Oscar
Keating, N.
SILVER CLIFF—Bostwick, J. J.
Kokowsky, E. F.
Mitchell, J. J.
SILVER PLUME—Barker, James
SILVERTON—Layton & Gilbert
Sanger, J. A.
STEAMBOAT SPRINGS—Baer, T. C.
Brobeck, Edw.
Giamboni, H.
STERLING—Goodman, L. C.
Goodman, M. R.
Huffman, H. D.
TELLURIDE—McEwen & Marquis
TRINIDAD—Crugg & Co., H. W.
†Fish, H. M.
†Pierce, Floyd W.
Ramey, J. W.
†Rhodes, Chas. S.
Sibley, B. F.
TWRAY—Jordan, James
Newell, L. T.
Strong, S. W.
Winfield, C. W.
YUMA—Buchanan, Joseph

CONNECTICUT.

ANSONIA—†Alcott, Rufus C.
†Barnes, W. A.
Boardman & French, 50 Elm
Crowley, Jas. K.
Dwyer, John
†Snell, Frank A.
†Woodruff, C. Y.
ASHFORD—Copeland, Harvey
Gallup, M. E.
BANTAM—†Bartholomew, U. P.
BETHEL—Gilbert Bros.
†Senior, A. H.
BLOOMFIELD—Alderman, H. C.
Allyn, Willis W.
Andrus, Fred.
BRANFORD—†Bradley, Richard (Large)
†Harrington, Charles A.
†Hosley, Benjamin F.
BRIDGEPORT—Abbott, C. H. & Son, 3969 Main
Anderson, Allen, Nash lane
Barnwell & Mills, 108 Kassuth
Beers, W. S., 44 Bassick av
Bell Bros., 106 Frank
Bishop, Jno. H., 171 John
Bjorkland, Chas. A., 179 Wood av
†Bostford, Chas. H.,1586 Iranistan av
†Bridgeport Building Co. (Large), 58 Arctic
Burgess, Tweedie A., E Main & Alpine av
†Burnes, Jas. E., 221 Colorado av
†Chamberlain, Chas. L., 114 Arctic
Dowling & Bottomly, 1119 Broad st
Dowling & Bottomley, 1119 Broad
Disbrow, Wm. A., & Co.. Washington av
†Dunbar,F. S., 72 Fairmount av
†Faulkner, Robt. M., 107 Roosevelt
†Frederickson, Bros. Co., 629 Railroad av
†French, Geo. F., 486 Park
†Gallagher & Greenwood Bldg Co., 210 Coleman
†Gough, John, 839 Railroad av
Gowling & Simpson, 1340 Noble av
†Hayden, W. D., 2306 N Main
Herrick, Hy. W., 42 Denver av
†Hoffman, Henry C. & Co.,249 Water
Hoffman, Wright, 51 Courtland
†Hubbell, Geo. M., 595 South av
Hubbell, Samuel W. Building Co., 660 William
Hurlburt, Walter S. Building Co., 225 John
†Jessup, W. P. & Son, 67 Adams
†Jones & Hoffman, 45 William
La Forge, Marcus E., 380 Knowlton
Laister, Percival, 31 Kassuth
†Morehouse, C. Andw., 804 William
Muirhead, Wm. R., 1362 Pembroke
Nettleton, Edwin J., 151 William
Nettleton, H. H., 369 Wordin av
Nichols, Edward W.,272 State
†Ring, P. J., 244 Hallam
Sanger, Jos. M., 520 William
Schwartz Bros., 160 Lindley
†Sherman, Adolph, 195 6th
†Smith, W. A. Building Co., 190 Cannon
Smythe, Chas. D., 616 State
†Squires, Seth B. & Son, 51 Elm
Stone, Lorenzo D., 400 Ogden
Thomas, Wm., 376 Knowlton
Turrill, Jas. C., 153 John
†Vanstone & Vanstone, 106 Austin
Vanstone & Wilkins, 225 John
†Wakeman, Chas., 64 Benham av
Waterhouse, Wm., 1397 E Wash'n av
Wheeler, Morris, 1338 Iranistan av
Wilson, F. B., 83 Fairfield av
Wilson, W. S., 185 John
BRISTOL—Crothers, W. W.
†Fogg, W. E. (Large)
†Stewart, L. L. (Large)
†Taillon, A.
†Thompson, M. C.
CANAAN—†Lorain, Edw.
CHAPLIN—Church, Ralph
Stevens, Isaiah
CHESHIRE—Baldwin —
Smith, A. E.
CHESTER—Abbey, George
†Bogart, George
Ryan, Martin
CLINTON—Buell, Clarence A.
Pierson, Alva H.
Stevens, Henry
COLLINSVILLE—Brown, F. V.
Case, Warren
Wheelock, J. A.
CORNWALL—Marsh, Charles
Marsh, Cyrus
Parents, N.
Whitney, Stephen M.
CROMWELL—Condon, H. W.
Johnson, E. T.
DANBURY—†Barry, Henry, Crosby n Maple av
†Blackman, W. B., Crosby
Bunnell, Jno L., 10 Pearl
Crossley, Chas. C., 24 Griffing av
†Foster Bros., 21 Delay
Hager Bros., 11 Meadow
Hill & Reynolds
L'Heureux, Henry, 28 Main
†Marsh & Knapp, E Franklin
Northrop, Warren H., 16 Bates pl
†Olmstead, F. C., 19 Crosby
†Osborne, Peter M., 353 Main
Schnable, Philip W., Stevens pl
†Sunderland, W. W., 7 Spring
DANIELSON—†Stone, S. S.
DARIEN—†Scofield, Hy. & Son
Whitney, Wm. M.
DERBY—Beardsley, C. T.
Durrschmidt & Co.
†Gesner, Sidney E.
Gilbert, William
†Hoyt, Clifton E.
†Morse, B. F. & Son
Patrick, N. J.
Yocher, J. G., Jr.
EAST BERLIN—†Clark, R. O.
EASTFORD—Arnold, John
Braman, Henry A.
EAST HADDAM—Galdwin, Casper S.
Mack, J. T.
EAST HAMPTON—Carpenter, H. E.
Darling, A. R.
Flood, Andrew
†Strong & Hale
EAST HARTFORD—Bragg, J. Merrick, 7 Elm
Carroll, Jos. E., 15 Central
Driggs, Waldo J., 62 Hartford av
†Green, Daniel W., 62 Hartford av
†Whaples, Jno. F.
EAST HAVEN—Cludsey Bros.
Russell, Samuel
ESSEX—Southworth, Jos. P.
FAIRFIELD—†Birch, Roper J.
†Coughlin, Keane F.
†Darling, Jas. W.
†Forsyth, Thomas
†Gray, Charles
FARMINGTON—Keyes, Nelson O.
FITCHVILLE—Long, Wm.
Price, O. M.
Smith, Alonzo A.
FORESTVILLE—O'Sullivan, M. J.
†Wooster, J. Austin
GILDERSLEEVE—Lewis, Jno. R.
Lincoln, Chas. E.
Peters, William
Taylor, Arthur B.
Taylor, Ellery B.

GLASTONBURY—Dean, F. W.
Hollister, L. T.
House, George B.
House, Isaac
House, Samuel
Waldo, Hubbard
GRANBY—Case, M. R.
Cooley, H. E.
Gillette, Albert H.
GREENWICH—†Anthony, Daniel & Co.
Banks, A. C. (Banksville)
†Crosby, Jos. P.
Ferris, J. H.
Mead, W. H.
†Mills, S. A. & Co.
Reynolds, James (Banksville)
Stoothoff, Stephen
†Thompson, Anthony
•Weir, Joseph T.
†Young, Thomas
GROTON—Burrows, Nelson H.
†Burrows, Robert H.
†Marquardt Bros.
HAMBURG—Daniels, Daniel
Laplace, Elmer F.
Lester, Alfred
HAMDEN—Bassett, George A.
Wooding, B. H.
Pearl, Lester A.
HAMPTON—Holt, George M.
HARTFORD—Alcorn, Robt. T., 21 Gold
Andrus, Chas. B., 902 Main
Angus, Alex., 31 Warner
Angus, Wm., 110 Oak
†Arnold, Walter T., 23 S Hudson
Bailey, Wm. E., 78 Chestnut
Barnes, Bailey & Co., 15 Albany
Barnes, Loren W., 50 Oxford
†Barrett Bros., 10 Trumbull
†Barrows, Edwin L., 25 Madison
†Bliss, Fred J., 17 Lewis
Bliss, W. H. & Co., 17 Lewis
Bone, Wm., 106 Brown
Brady, Edw., 72 Ward
†Bray, William J., 35 Imlay
Broadwell, C. M. D., 106 Pratt
†Brooks, P. A., 496 Broad
†Browne, Edmund, 1419 Main
Burr, Jason F., 13 Goodman
Cairns, Robert & Son, 80 Clark
Calder, Geo., 140 Sargeant
Camp, Samuel J., 110 Capitol
Caya, Bernard, Prospect av c Caya
Columbus, Jos. L., 27 Judson
†Cook, Charles C., 141 Trumbull
Cook, H. A., 836 Farmington
Crane, Patk. W., 90 John
†Denison, George E., 168 Pearl
D'Esopa Bros., 1179 Main
†Dodge, Grover W., 328 Asylum
†Donovan, A., 116 Market
†Downs, A. C., 257 Capen
Drechsler, Walter, 61 Prospect
†Dwyer, J. W., 19 Gold
Eagan, Frank, 47 Linden
Erickson, M. H., 77 Ward
Fox, T. R. & Son, 706 Main
†Flynn, Martin, 62 Lincoln
†Fox, Geo. J., 160 New Britain
Furrey, L. M., 1185 Main
Garvie, Jno. B., 754 Main
Gellert, A. N., 97 Lafayette
Gerry, Chas. O., 90 Capitol
†Gerety, Geo. J., 140 Main
Gilbert, John W., 15 Capitol
Goldenberg, Israel, 48 Kennedy
Gilmour, Jno., 109 Windsor av
Gradisky, L. W., H., 80 Ann
†Crozier, Jas. H., 125 Warrenton av
Gustafsen, Elon W., 49 Webster
Gustafsen, Fred M., 18 Adelaide
Hamilton, Thos. M., 690 Asylum
Hatheway, Earle, 29 Imlay
Hills, A. L., 720 Main
†Hills, Jno. R., 754 Main
†Hollis, D. W. & Son, 212 Asylum
Hollister, Geo., 234 Weathersfield
Jordan, James, 20 Canton
Keep, Wm. D., 97 Webster
†Kent, Irving S., 31 Barnard
Leische, Frank, 217 Franklin
†Loomis, Charles, 128 Jefferson
Low, William B., 37 Hamilton
Lowe, Wm. T., 336 Capen
McCoy, William, 55 Lincoln
McIntyre & Ahern, 50 John
†McKone Bros., 147 Sheldon
McKone, Patrick, 131 Oak
McKone, Robt. A., 50 State
†Malcolm, Thos., 26 State
†Moore, Robt., 341 Sheldon
Mulcahy, John J., 27 Kennedy
Nevels Bros., 7 Central
†Newton, Roswell W., 29 Pearl
†Newton, Theodore & Sons, 77 Pearl
†Nolan, John F., 54 Benton
Norton, Malcolm A., 71 Highland
O'Brien, Wm., 136 Retreat
†O'Connor, Michael J., 40 Edwards
O'Laughlin, James, 101 Hudson
†Pellett, A. D., 240 Smith
Parker, G. S., 187 Pearl
Patchen, 37 Mulberry
Peterson, A. P., 666 Albany
†Philbrick, Halsey B., 26 State
Porteus, Robt., 13 Forest
Provost, Napoleon L., 142 Brown
†Purves, Adam, 334 Asylum
Rioux, H. L., 68 Prospect av
Robert, C. H., 180 Asylum
†Rogers, Jas. H., 74 Edwards
†Rowley & Wilcox, 39 Ann
Rood, Ephraim, 51 Atwood
Rowley, Frank H., 190 Asylum
Scott, John, 48 King
Scoville, A. W. Construction Co., 15 Sumner
†Scoville, W. H., 720 Main
†Sellew, De Forest, 23 Benton
Shaw, Albert A., 50 Allyn
Shaw & Rose, 73 Lafayette
Simms, W. J., 54 Pratt
†Sinnott Bros., 26 Harbison
†Sinnott, Patrick C., 449 Albany
Slattery, Austin P., 25 Harbison
†Smith, Franklin, 8 Ashley
†Spellacy, Jno. F., 115 Wethersfield
Stenson, O. E., 16 Cone
†Stoddard & Caulkins, 155 Charter Oak
Svenson, Chas., 54 Woodbine
†Tabor, Mallory, 284 Asylum
Taylor, Geo. M., 52 Pliny
Taylor, Peter, 101 Bartholomew
Tryon, Edw. S., 66 State
†Tryon, Watson & Son, 720 Main
Waterman & Marsh, 29 S Hudson
Woodward, Fredk. E., 55 Park
HARWINTON—Gibbs, Elijah G.
Reynolds, H. D.
HAWLEYVILLE—Sanford, H.
HABRON—Bissell, Alfred L.
Wilcox, E. J.
HIGGANUM—Brainerd, Orrin
Smith, Jesse
Spencer, Hubbard
JEWETT CITY—Church, R. R.
KENSINGTON—†Norton, Fred. L.
KILLINLY—Bennett, Alexander
Blanchard, James
Burgess, H. M.
Gay, A. E.
Miller, E. B.
Wheaton, George H.
LAKEVILLE—†Daniel, N. L.
LEDYARD—Brown, Albert M.
Delano, Sheldon
Eccleston, Burrows
Hewitt, Calvin W.
Hewitt, James I.
Wilcox, Raymond
LITCHFIELD—Marcy, John H.
Stone, Leonard
LONG HILL—†Beardsley, S. B.
Dayton, Samuel I.
†Radcliffe, J. J.
LYME—Austin, H. & Wm. N.
Greene, H. E.
MADISON—Dakin, J. R. & Sons
Scranton, George E.
MANCHESTER—†Keeney, Gurdon W.
†Manning, Arthur
Palmer, Robert W.
Skinner, Sylvester W.
MANSFIELD CENTRE—Hill, Charles W.
Williams, Gilbert S.
MERIDEN—†Bloomfield, Garry, 18 Chestnut
†Fitzgerald, M. F., 15 S First
†Haigis, Matthias, 176 Broad
†Koorman, C., 31 N. Second
†Miller, W. F., Kensington Heights
†Moorehouse Bros. Co., 129 State
†Penfield, Oliver D., 136 Hanover
†St. Cyr, Z. J., 26 Wood
MIANUS—Eddy, George
Morell, Charles
MIDDLETOWN—†Alberg, August, Prospect st
†Burke, Robt. W., foot of East Court
†Chapman & Southworth, 156 Lincoln
†Locwenthas, Gustav, off Front n Russell
O'Connor, James
†Robinson & Abell, 145 Main
†Stone, Charles O., 96 William
†Tormay, Philip G., 134 Spring
†Tryon, Jasper, 312 Main
†West, Wm. F., Chestnut n Walnut, S. F.
White, Frank H., 27 Park pl
MILFORD—†Baldwin, S. H.
†Beardsley, Hezekiah B.
†Irving, Walter M.
†Smith, David E. & Co.
MOODUS—Brainard, J. S.
Morgan, George
Ventuss, D. W.
MORRIS—Emmons, Ira
Randall, Charles H.
MOSSOP—Corneau & Tatro
Potvin, Joseph
MYSTIC—Crummell & Heath
Heath, John H.
Mattison, Robert R.
Miner, Manning
Noyes, Nathaniel
Tufts, Caleb
NAUGATUCK—Adam, Chas. I., off Prospect bel E Waterbury rd, U. C.
†Gorman, Jno. J., Gorman c Lewis
†Hotchkiss, E. A., off Meadow opp Division
†Odgers, Wm., Pond Hill rd, Union City
Sewell, Clarence V., 231 Water
NEW BRITAIN—†Allen, John W., 209 East
Anderson, Lewis, 127 Smalley
†Andrews, William A., 32 Camp
Carlson, Jno. August, 157 Dwight
†Carlson & Torell, 67 N. Fairview
†Coburn, L. J. & Co.
†Curtis, O. F., 73 Church
†Edwards, Clark, 60 Lafayette
†Eggert, August, 349 Park
Griswold, Abel, 40 Griswold
†Bibbard, Bennett H., 153 Arch
Holmes, Chas. W., 110 Fairview
†Holmes, Chauncey C., 110 Fairview
Johnson, Chas. F., 147 Jubilee
†Johnson, S. J.
†Meskill, John E., 165 Hartford av
Norton, Henry
†Perau, J. H. Stanley Quarter
†Perau & Woods, No. Smalleg
†Rowley, C. E., 111 Dwight
Strong, C. M., Rocky Hill av
NEW CANAAN—Brown & Duryea
Brown & Everett
Purdy, B. D.
Tuttle, Augustus S.
NEW FAIRFIELD—Hatch, R.
NEW HARTFORD—Ingle, John
NEW HAVEN—Abbott, Geo. F., 62 Admiral
Anderson, Mathew S., 193 Peck av
Arnold, Lucien H., 25 Trumbull
†Arthur, Fredk. W., 136 Water
Barnes, Wm. E. & Co., 28 Admiral
†Bassett, Geo. A., Ridge rd, Whitneyville
Bradley, Joel M., 182 Grand av
Branch, Alvin W., 365 Washn av
Brett, Edw. P., 16 Artizan
Bronson, Irwin P., 42 Circular av
Cunes, Antonio, 332 Arlington
Cunes, Louis, 318 Bush
†Campbell & Pettus, Flood Bldg
†Brown, Charles E., 28 Artizan
†Bunnell Real Estate & Building Co., 69 Church
†Burt, Edw. S., Jr., 119 Elm
Camps, Frederico A., 440 Orchard
†Church, James A., 262 Sherman av
†Clark, A. N., 337 Crown
†Clark, David H., 166 Brewery
†Clark, G., Wilbur, 244 Sherman av
†Conlan Bros., 176 Franklin
Cook, George H., 89 Frank
Countryman, Chas. L., 384 Greenwich av
†Coyne Bros., 250 Blatchley av
Crocker, B. F., 87 Union
Davis, T. L., 41 George
Dean, Buck & Co., 116 Butler
†Dean, Geo. W., 10 Pitkin la
Dean, J. LeRoy, 65 Orange
Dickerman, E. F., 472 Goffe
Elwell, F. J., 113 Calif, W. H.
Flynn, Danl, 300 Davenport av
†Fogarty, J. A., 531 Grand av
†Fowles, Harry I., 90 Poplar
Galligan, Jas. E., 192 Meadow
Goodale, E. Lincoln, 395 Edgewood av
†Grenier, Alfred D., 142 Oak
Hagen, Jno. A., 83 Whalley av
Haglin, J. L. & Co., 42 Elliott
Hawken, R. J., 457 Howard av
†Hayes, Morris, 20 Elliott
†Heft, Richard, 90 Thompson
†Hildreth, J. D. & Son, 514 Elm
†Hine, E. L., 72 Asylum
†Hubbell-Merwin Co., 19 Artizan
Hume, John, 98 Water
Humphrey, Chas. E., 233 Main, W. H.
†Humphreys, Geo. W., 553 1st av, W. H.
Hungerford, G. W., 136 Wash'n av
Jones, W. S., 19 Wall
†Kenney, Jno. W., 90 Temple

†Knoll, Carl A., 144 Scranton
Lawrence, G. B., 27 Lecte, W. H.
Lettney, W. H., 193 Main, W. H.
†Lewis, John W., 338 Lighthouse rd, nr Morris cove
†Lowe, H. E., 354 Ferry
†Lowe, John, 229 Lloyd
†Lowe, Richard C. Co., 253 Lloyd
†McFeters, Charles, 370 Orchard
McLinn, Charles, 28 Winter
McWilliams, Alex., 51 Avon
Martin, Francis, 141 Foote
†Morgan, S. H., 80 E Pearl
Murdock, Chas. W., 170 Howard av
†Norton, Thos. E., 114 Howe
O'Brien, Philip, 783 Orange
†Osborn, John S. Co. (Large), 178 Goffe
†Parmelee, Hy. E., 30 Atwater, W. H.
Paterson, Wm., 884S Chapel
Peck, G. C., 16 Willard
Perry, Wm. S., 105 George
Powell, H. N., 176 Chestnut
†Prince, Edw. A., 498 Howard av
Rathgebar, Geo., 204 Meadow
Razee, Geo. E., 439 Edgewood av
Reed, Chauncey F., 59 Forest
Reid, Wm. J., 550 Howard av
Richards, B. F., 65 Main, W. H.
†Richie & Johnston, 115 Bishop
Robertson, Wm. H., 68 Mechanic
Rockwell, Geo., 39 Lyon
Shannon, James, 55 Bishop
†Sherman, Wm. A., 44 Elliott
†Smith & McQueen, 143 Park
Sperry & Treat (Masons), 39 Church
†Thomas, A. D., c 1st av and Spring, W. H.
Thomas, L. I., 340 Howard av
†Streeter, H. J., 26 Ashmun
†Thompson, Fredk. R., 20 Beers
†Thompson, John H., 270 Lenox
†Thorpe, James A., 50 Exchange
†Todd, James E., 546 State
†Warner, L. B., 44 York, W. H.
†Warner, R. H., 666 Washn av, W. H.
Watson, Frank, 44 Edwards
†Wells, A. & E. A., 158 Harriet
†Wheeler, Agur, 115 Park
Williams, Lewis, 556 Whalley av
Wooding, Burton H., 5 Broadway

NEWINGTON—Boyington, Alfred E.
Kilburne, Samuel H.

NEW LONDON—†Archer, J. H., 16 Hempstead
†Chappell, S. K., 187 Pequot av
Crouch, Joel C., 105 Shaw
†Dennison & Brown, 426 Bank
†Gilbey & Son, 824 Bank
†Goddard, A. O., 128 Bank
†Hand, H. C., 21 West
†Hewitt & Perry, 9 N. Main
†Holmes, G. H., 11 Lewis
†Hull, F. W., 3 Cottage
†Kenney, J. N., 59 Huntingdon
†Lyon, I. U., 28½ Colt
†Morgan, S. M., 30 Green
†Noyes & Lewis, 32 Truman
†Perkins, Henry L., 40 Winthrop E., N. L.
†Roe, W. L., r 6 Belden
†Rogers, W. G., Terrace av
†Sherman, F. M. & G. L., 210 Bank
†Smith, J., 2d, 552 Bank
Watrous, Jared, Orchard n Montauk av

NEW MILFORD—Beach, C. M.
Sherman, W. A.
Soule, T. & Co.
Townsend & Lathrop

NEWTOWN—Northrop, Geo. A.
Stuart, Geo. W.

NIANTIC—Beckwith, Eugene K.
Perkins, Pembroke

NICHOLS—Nichols, Daniel M.

NOANK—†Palmer, Robt. & Son Co.

NORFOLK—Egleston, W. D.
Egleston, W. L.
Hart, Webster
Levi, James F.
Palmer, S. A.
Perkins, Ed. L.

NOROTON HEIGHTS—Fickett, J. B.
†Fitch, Chas. B.

NORTH BRANFORD—Bishop, Martin
Foote, E.
Linsley, H. B.

NORTH COLEBROOK—Oles, Orrin W.

NORTHFORD—Barnett, C. W.
Foote, Charles

NORTH HAVEN—Bunnell, Chas. W.
Lindsley, S. F.

NORTH STONINGTON—Stedman, Orrin
Young, Albert

NORTH WINDHAM—Chappell, Samuel
Flint, Samuel C.
Nichols, David

NORWALK—†Ayres & Rider, S. N.
†Carr, Herbert V., 1st av, E. N.
†Doty, Lewis W., 122 Water, S. N.
†East Norwalk Building Co., E. N.
†Fitch, Chas., S. N.
Hoyt, Chas. R., 3 Union Park, N.
†Hoyt, Henry M., 3 Chestnut, N.
†Jackson, J. F.
†Kemp, Wm. S., 37 W. Main, N.
†Malkin, A. R., 5 High, N.
†Mather, Henry W.
†Norwalk Bldg. Co., E. N.
†Ogden, Cornino L. (Rowayton)
†Osborn, Thos. S., 23 Merwin, N.
†Platt, David M., 5 Union Park, N.
†Raymond, J. R., 60 Water, S. N.
†Robertson, Geo. E., 51 1st av, E N.
Rowe, John N., 16 Spring Hill, N.
Schofield, Alfred F. (Rowayton)
†Seeley2& Van Keuren, c 1st av & New, E. N.
†Stout, Thos. S., 10 Catharine, N
†Turney, Chas. P., 4 Union Park, N.
†Waidron, Arthur, 46 Water, S. N.
†Wilson, S. B., 8 Cross, N.

NORWICH—†Beckwith, Frank E., 90 W Main
†Blackledge, H. & Co., 27 7th
†Bowers, Gilbert, 49 Washn
Carpenter & Williams
†Cross, Benj., 19 White's ct
Hiscox, Wm. E., Bldg Co., 39 Franklin
Hyde, Geo. M., 54 10th
†Johnson, Jerry
†Perkins, C. W.
Murphy Bros.
†Stetson, Vine S., 53 W. Main
Willis, Irving J., 36 Pearl

NORWICH TOWN—Kinney Bros.
Porter, H. B.
Williams, C. M.

OXFORD—Cable, Glover W.
Davis, B. H.
†Huntley, C. H.
Wheeler, David B.

PLAINVLLE—Dow, J. M., 118 W. Main
Furrey, E. L.

PLANTSVILLE—†Cowles, R. W. & Son

POMFRET—Rooney, John
Wright, Henry G.

PORTLAND—Edwards, Watson
Ellsworth, H. E.
†Hall, Irving C.
Rathbun, Geo. R.
†Strong & Hale

PROSPECT—Clark, W. E.
Morse, G. R.

PUTNAM—†Bellrose, Julien
Cadorett, Maxim, Woodstock av
Coville, Henry, Grove st
†Hopkins, H. F.
†Kelley, C. H., Grove st
Rowe, A. K. P., Grove st
†Wheaton Building & Lumber Co., Front st

RIDGEFIELD—†Kennedy, J. M.
Nash & Hoyt
Northrop, C. B.

ROCKVILLE—Arnold, George & Son
Bowen, Chas.
Chapin, A. W.
Hutchinson, Frank
Panofskey, Oscar
Putnam, Silas
Sennewald, Henry
Street, A. F.
Tennstedt, Albert

ROCKY HILL—Arnold, Charles
Belden, Geo. E.

ROXBURY—Bronson Bros.
Tyrell, Charles
Tyrell, Jay

SALEM—Bailey, Robert A.,
Darling, Eugene H.

SAUGATUCK—Fairchild, John
Smith, Geo. B.
Smith, Oscar

SAYBROOK—Pratt, C. A.
Shepard, R. C.
Tilliston, John H.

SEYMOUR—Beecher, Fredk.
†Sharpe, Ernest C., Bldg & Lbr Co.
Sharpe, Thomas

SHARON—Dakin, Frank W.
Eggleston, Dwight N.
Houghtaling, Wm. E.

SHELTON—†Beardsley Building Co.
†Glover, Jno.
†Perry, Jno. W.
†Perry, Theodore

SHERMAN—Hodge, H. A.
Hungerford, E. J.
Hungerford, L. B.
Osborn, Geo. H.

SOMERS—Field, F. W.
Pease, L. K.
Prentice, J. W.
Wardwell, B. F.

SOUTHBURY—Ambler, Oscar
Hicock, Benj. S.
Hine, E. P.

SOUTH COVENTRY—Dunham, G. W.
Hall, S. A.
Watts, N. A.

SOUTHINGTON—Barsellos, Jos. L.
†Cowles, R. W. & Son
Francis, Jno. W.
Grannis, C. W.
†Knapp, Jacob F.
Lee, Edw. C.
†Woodruff, Adna N.

SOUTH MANCHESTER—†Barber, G. M.
†Bloom, Charles H.
Cushman, Wm. S.
Farrell, Jno. M. & Sons
Hawley, J. B.
†Hohenthal, E. L.
†Mercer, Arthur
†Schreiber, Gustav
†Smith, Wm. J.
Wetherell, A. J.
†Wright & Holmberg

SOUTH NORWALK—(See Norwalk)

SOUTHPORT—Darling, J. W.
†Kelley, Thos. F.,
Gray, Chas.
Grovesten, H. H. & C. H.
†Perry, Frank E.

SOUTH WINDHAM—Main, James
Omsby, H. B.
Pearl, C. A.

STAFFORD SPRINGS—†Converse, A. E.
†Day, H. M.

STAMFORD—†Anderson, Clais, 324 E Main
†Bland, Thos., 22 Suburban av
Brennan, Christopher, Brown av n West
†Burke & Julius, Adams av n W. Broad
†Crabb Bros., 6 Oak
Dickinson, L. H., Peck la
Gray, Jno. F., W av n Selleck
Hogan & Prendergast, 82 Bedford
Hoyt, Jas. H., 14 W Broad
†Hoyt, N. W., 55 Wash. av
†Hughes Bros., W. Main n Greenwich av
†Kirk, Warren, 70 Franklin
Mollett, Chas. T., Summer n Broad Glenbrook
Orr, Robt. H., Courtland av N of Depot, Glenbrook
Rogers, Geo. A., 24 Warren
†St. John, S. Y., Luther c Advocate pl
†Scofield, Arthur A., c Pacific & Brook
†Schofield, Elmer E., 77 Pacific
†Schofield, Oliver, 77 Pacific
†Shannon, Jas. F., Fairfield av n W. Main
†Studwell, D. W., 10 Hoyt
†Studwell, Jas. W., 78 Sherman
†Swenson, Chas., 33 Glenbrook av
Taff, Chas. H., Waterside c Foundry
Thompson, S. B., Main ft. Noroton Hill
†Trolle, Anton H., 327 E. Main
Waring, Wm. P., Springdale
†Weed, Geo. N., 5 4th

STONINGTON—Cheesbro, J. R.
Lamb, L. H.
†Randall, C. E.
Stanton, John
Taylor, H. R.

STONY CREEK—Johnson, Jno. H.
Kelly, O. C.
Wallace, George

STRATFORD—†Fellows, F. H.
†Holmes, Benjamin
†Johnson, J. W.
†Ladd, Frank E.
†Stagg & Beardsley
†Wright, Wilson A.

SUFFIELD—Brown, F. W.
Root, F. C.
Williams, Chas. A.

TARRIFFVILLE—Ensign, Charles A.
Fish, John
Shaw, John

THOMASTON—Clark, Gilbert
Watrous, John N.

THOMPSON—Babbitt, A. T.
Comins, George
Dexter, George W.

THOMPSONVILLE—Davis, Robt.
Maher, James S.
Moody, Ernest
†Nolan, J. J.
Woodward, Wm.

TOLLAND—Anderson, Wm. T.
Baker, Charles
Newman, Dan
Patten, James
Root, Benjamin S.
Rounds, William D.
Usher, George H.

TORRINGTON—Alien, Ephraim
Deloye, Abel
†Farley, J. L.
Foley, Thos.
†Hotchkiss Bros. & Co.
Hotchkiss & Welch
Jenks, George
†Kirsch, Chas. P.
†Rentz, Joseph
†Scoville, A. H.
Taintor, L. L.
†Welch, Wm. E.
Whiteman, Jno. P.
VOLUNTOWN—Green, John E.
Maine, Charles F.
WALLINGFORD—†Newton & Sherman
†Porter & Twitchell
†Wetmore & Lane
†Wooding, C. N.
WAREHOUSE POINT—Jacobs, Fred
Potter, J. S.
WASHINGTON DEPOT—Clark, L. L.
Knowles, Daniel
WATERBURY—Adams, Geo. A., Oakville near Dep
Ashborn, Willis M., 39 Hawkins
Bernier, Victor, 1000 Baldwin
†Bowen, S. H., 18 Maple av
Buttner, Fred, 227 N Willow
Chotzeanoff Bros., 67 Burton
Clohessy, John, 100 Clark
†Delowry, Thos. A., 5 Spencer av
†Eldridge, B. H., 210 S Elm
Fidelity Construction Co., 953 Baldwin
Fitzgerald, E. D., 74 R. R. Hill
Flanigan, E. S., 651 N Riverside
Goodwin, Jos. S., 16 State
Griffin, Jas. E., Oakville
Hull, D. D., 9 Baldwin Hill
†Hurlburt, Elmer M., off 50 Mattatuck N. E. R. R.
†Irion, Burton A., 175 Wood
†Ketchen, C. A., Willard av c Fisk
Lawler, Henry A., 104 Central av
McKay, J. F., 11 Spring
†Macauley, J. J., 49 Chatfield av
Miller, Chas. F., 113 Grand
†Mraz, John, 42 Benedict
†O'Connor, Charles, 169 S Elm
†Payne, Chas. H., 96 Dikema
Pihl, Hy., Westwood av. off Grand View av
Rice & Mackie, 49 Benedict
Seeley, Chauncey & Co., 85 Bishop
†Seeley & Upham Co., 48 S Willow
†Simons, K. H., 94 Cherry
†Smith, Edw. C., 963 N Main
Tafel & Shapiro, 150 E. Main
†Tracy Bros. Co., 52 Benedict
Wilcox, De Roy W., Simsbury
Wright, W. F., 63 Center
WATERFORD—Darrow, J. Frank
Newbury, John C.
WATERTOWN—Griffin, J. E.
Scott, George H.
Woodward, C. H.
WATERVILLE—McConnell, P. J.
Trou, H. A., Maple n Cook
Tuttle, Geo. F., Orchard
WEATOGUE—Case, H. S.
Smith, K. S.
WESTBROOK—Cone, W. H.
Hoadley, Frank E.
Hubbard, Edward D.
Parker, Henry R.
WEST HARTFORD—†Smith, W. S.
WEST HAVEN—Andrews, Joseph H.
†Lettner, William H.
Mallory, Samuel
Sherman, Chas. T.
Thomas, Andrew D.
Warner, L. B.
WESTPORT—Kirk, N. S.
Quinlan, Thomas
WEST STAFFORD—Graves, W.
McKinney, Henry
Patten, W. A.
WESTVILLE—Baldwin, Marcus
Hotchkiss, Warren F.
Peck, Geo. C.
†Reed, C. F.
Scripture, A. L.
WEST WINSTED—Parsons, Elizur B.
Sweet, Henry M.
WILLIMANTIC—†Boynton, C. P., S. Coventry
†Larkin, H. A. & Son, 38 Walnut
†Latham, W. H. & Co., 62 Spring
†O'Sullivan, J. (Large)
†Pecknell, J. H., 75 Turner
Reed, E. F., 384 Pleasant
WILTON—Banks, Frederick
McMahon, James
Taylor, Geo.
WINDHAM—Hoyt, Frank K.
WINDSOR—Griswold, Charles
†Hosmer, Frank
WINDSOR LOCKS—Brown, F. W.
Hathaway, Earl
WINSTED—†Beckley, E. R.
Judson, L. C.
Parsons, E. B.
Reed, C. W.
Roe, John W.
Ryan, James
Smith, F. H.
Sweet, H. M.
†Thibault, N. J.
Wheeler, G. H.
WOLCOTT—Minor, Augustus
Tuttle, Charles S.
WOODBURY—Allen, L. I.
Ward, W. G.

DELAWARE.

CAMDEN—Dunn, Thomas C.
CLAYTON—†Seemans, Andrew
DELAWARE CITY—J. H. Uble
DOVER—Clifton, James A.
Clifton, L. W.
Cohee, John
Fisher, William
†Flowers, James C.
†Johnson, Asa E.
Klingher, J. H.
FAULKLAND—O'Rourke, Thomas
FELTON—Goodwin, G. W.
Goodwin, J. W.
FRANKFORD—Aydelotte, Willard
†Howard, John B.
FREDERICA—†Darby, S. Warren
Vickers, Edward
GEORGETOWN—Day, A. M.
Jefferson, William W.
Jones, C. R.
Torgert, Rufus W.
GREENWOOD—Conaway, James B.
Lord, H. C.
HOCKESSIN—Little, William, Jr.
Williamson, A. T.
HOUSTON STATION—Manlove, Benj.
Wilson, Levi
LAUREL—Parker, C. A.
†Torbert, N. T. & W. C.
LEWES—Burton, John C.
Hazard, Robert C.
Hopkins, James H.
Paynter, John R.
Prettyman, Jacob
Ross, Samuel R.
Salmons, John W.
Short, William W.
Virden, Joseph
LITTLE CREEK—Owens, J. J.
Potter, Joseph
MAGNOLIA—Gourley, Mitchell
Hart, W. A.
Moore, W. W.
MIDDLETOWN—Foster & Gary
MILFORD—Hall, Edward
Hall, Henry M.
Truitt, P. C.
MOUNT CUBA—Boughman, J. B.
Vandever, Thomas S.
NEWARK—Johnson, John C.
Willis, J. F.
NEW CASTLE—Lewis, David S.
Morrison, R. R.
SEAFORD—Hearn, Luther
†Lorrimore & Haylor
TALLEYVILLE—Day, Harry
Righter, John T.
WILMINGTON—Ainscon & Son, 25th n Tatnall
†Austin, William B., 1018 West
Baker, Geo. P., 1112 Shallcross av
Biermann, Aug., 230 Madison
†Brown, Wm. J., 413 Shipley
†Chandler, Philemma, 710 Shipley
Cloud, Newton H., 1802 Mt Salem la
Connelly, Wm. M., 218 S Jackson
Cornell Bros., 207 Jefferson
Cornell, Geo. H., 1417 Harrison
†Dangel, David, 910 W 5th
Dillon, James A., 1024 W 5th
Dohl, Daniel, 913 Pine
Donohue, Michael, 14th & Union
†Downward, Alfred, 716 Shipley
Dunlap, Jos. S., 411 Jefferson
†Eckman, Aument, 105 W 10th
†Fahey, Patrick (Large), Connell bel 3d
†Forrest, Daniel A., 402 E 8th
†Foulk, W. H. & Son, 104 W 8th
†Grubb, L. T. & Son, 704 Kirkwood
†Grubb, N. A., 13th & Orange
†Hall, Wm. J., 531 Walnut
Hamilton, J. S., 605 Franklin
Healey, J. E., 223 Harrison
†Hewes, James W., 809 Morrow
Howard & Co., 118 Shipley
†Jackson, John W., 923 Wilson
†Johnson, Edw., 1503 Rodney
Johnson, J. B., 1111 Jefferson
Lenderman, Jacob, 7 W 28th
Lutton, Norris S., 2612 W 18th
Lynn & Phillips, 1014 Monroe
Lutton, Norris S., 2612 W 18th
McKee, Geo. S., 2107 Wash'n
†Melvin, Thomas H., 525 E 9th
†Newman, Samuel J., 1603 Rodney
Perini, Romano V., 1006 Del av
Reed, J. E., 831 Lancaster av
Reed & Bros. Co., 812 Shipley
Rickards, C. P., 531 E 8th
Roney, Thomas J., 808 W 8th
†Samworth, Thomas, 1508 Lancaster av
Seeds, H. B., 1714 Broome
Seeds, William F., 1404 Van Buren
†Shakesperc, B. F., 11th & West
Smyth, James M., Clinton & 16th
Tarbutton, Samuel E., 715 Shipley
Tindall, Charles H., 417 E 7th
†Tindall, Wm. C., 511 W 9th
Tribit Charles H., Front & Monroe
†Wood, Marion N., 120 W. 23d

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McLean, John
Miller, W. C., 318 Wash.
Roth, Julius, 224 Monroe
GEORGETOWN—Chappelear & Son
Fearson, Jos.
Frey Bos.
Thomas, N. H.
Wilkins, W. H., 3 35th
WASHINGTON—†Acorn, Geo. W.., 1424 6th N W
†Adams, Geo. F., 1724 Benning rd
†Anderson, Notley, 1402 G N. W.
†Appleby, W. B., N. Brightwood
†Archer, Simon, 1623 17th, N. W.
Ashby, W. L., 1907 Pa av., N. W.
Ashton, Henry, 2422 Va av, N. W.
Bache,
†Baden, Jno. M., 604 I. N. W.
†Barker, Abram F., 65 R, N. W.
†Barkman, Geo. W., 721 A, S. E.
Beall, A. R., 906 P, N. W.
†Belt, Anderson K., 610 T, N. W.
Belt, Wm. L., 709 G, N. W.
†Berlin, Wm. B., 1507 8th, N. W.
†Blethyn, Benj., 722 13th, N. W.
†Blundon, Jos. A., 1006 F, N. W.
†Brant, Benj. T., 1404 12th, N. E.
Brashears, Jno. W., Winthrop hts
Brashears, W. C., Langdon
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Brennan Construction Co., ft 31st, N. W.
†Breuininger, Lewis E., 1172 Dartmouth, N. W.
Brown, H. Z., 939 L, N. W.
Burch, Chas. F., 926 4th, N. W.
Burch, Jno. A., 1416 32d, N. W.
†Burden, Joseph, 609 G, N. W.
†Burgess & Parsons, 627 F, N. W.
Burke, Jno. F., Langdon
†Burner, Lemuel F., 1203 S, N. W.
†Byram, Jas. H., 715 20th, N. W.
†Carr, Solomon, 504 11th, N. W.
Carter, Jno. F., 46 N. Y. av, N. W.
†Carter, Leroy H., 458 M, S. W.
†Carver, F. N., 1416 F, N. W.
†Cassidy, Chas. J., 2004 M, N. W.
Cator, F. G., 812 19th, N. W.
Childs, W. H., 408 8th, N. W.
Clark, J. Blake & Son, 1006 13th, N. W.
†Clark, John T., 84 K, N. E.
Clements, Albert F., 1005 6th, N. W.
Cleveland, Perry, 1704 14th, N. W.
†Collier, J. B., 503 D, N. W.
†Coon, W. M., 218 1, N. W.
†Collins, Chas. D., 719 18th, N. W.
†Corbett, Geo. W., 527 10th, N. W.
†Cowell, Wm. M., 2126 14th, N. W.
†Cozzins, Richard E., 1917 6th, N. W.
Cullison, E. T., 655 N. Y. av, N. W.
†Denham, Lewis C., 909 20th, N. W.
Donaldson & Heisley, 1306 14th, N. W.
Eckhardt, Nicholas, 1140 18th, N. W.
†Edmonston, Samuel H., 611 G, N. W.
Elmore, E. C., 704 9th, N. W.
†Ettinger, F. J., 207 12th, N. W.
†Emmet, Louis H., 1419 G, N. W.
†Espey, Ferd., 412 10th, S. E.
Faulconer, Jno. B., Brightwood
†Fahey & Co., Wash Sav Bank bldg
†Fuller, Geo. A. Co., Home Life bldg

†Fersinger, Peter, 1. N, N. W.
†Galloway, Thos., 712 O, N. W.
Galloway, S. Albert Co., 712 O, N. W.
Gardiner, J. A., 1029 3d, N. E.
Gates, R. D., 905 7th, S. E.
†Getz, Chas. E., 621 I, N. W.
†Germann, Wm. H., 1326 N. Y. av, N. W.
†Giebel, Clemens, 300 H, S. W.
†Gibbons, Jos. H., 1015 B, S. E.
Gordon, Wm., 2716 K, N. W.
Gottwall, Martin L., Colorado bldg
Graham, Wm. I., 1407 Q, N. W.
Hamilton, Henry, Colorado bldg
†Hanvey, Frank L. (Large), 213 12th, N. W.
Harrell, A. N., 1004 6th, N. W.
Heisley, G. W., 507 12th, N. W.
†Held, Charles, 1633 19th, N. W.
Henderson, Geo. W., 713 14th, N. W.
†Henderson, Thos. C., 1214 E, N. W.
†Hoff, Mahlon, 1407 P, N. W.
†Holczelaw Bros., 1705 Pa av, N. W.
Hobbs, J. W., 1336 H, N. W.
†Hough, Burr, Brookland
†Hough, Geo. C., Corcoran bldg
†Johnson, John K., 2318 I, N. W.
†Johnson, Wm. H., 1011 18th, N. W.
†Keenan, Wm. T., 1920 K, N. W.
Kennedy & Davis, 1413 G, N. W.
†Kesler, Wm. H. H., 215 N. J. av, N. W.
†King, Chas. W., 1413 G, N. W.
†King, Thos. J., 1251 9th, N. W.
Kimmel, Wm. A., 1613 N. J. av, N. W.
†Kolb, Wm. J., 518 N. J. av, N. W.
†Landvoight, Edward, Bond bldg
†Lane, Jno. H., 1725 3d, N. E.
†Langley, Chas. A., 310 12th, N. W.
Lawton, A. B., 20 9th, N. E.
†Limerick, Jno. A., 1520 9th, N. W.
†Lipscomb, Wm. P. & Co., 1416 F, N. W.
†Lloyd, Geo. H., 1507 10th, N. W.
†Louthan, Jno. C., 930 F, N. W.
†Lynch, Jno. F., 70 S, N. W.
†McCray, Wm. H., 930 F, N. W.
†McGregor, John, 729 12th, N. W.
McInturff, B. A., 1337 Kenyon av
†Mandley, Wm. H., 2029 Seaton, N. E.
†Marshall, Jas. L., 1321 G, N. W.
†Melton, T. H., 19 T, N. W.
†May, Frank R., Bond bldg
†Millar, Alex., 1215 Ohio av, N. W.
†Miller, John F., 21 I, N. E.
Mooney, W. H., 721 14th, N. W.
†Morrison, Wm. C., 1415 R. I. av
†Newton, Geo. P., 610 13th, N. W.
†Osterman & Butler, Colorado bldg
†Parry, R. L., 1006 13th, N. W.
†Pavarini & Greer, 814 18th, N. W.
Peters, Jas. W., 1459 N, N. W.
†Poston, Jas. L., 1760 K, N. W.
†Potts, F. C., 918 C, N. E.
†Prescott, Samuel J. & Co. (Large), 1301 G, N. W.
†Richardson & Burgess (Inc.), Colorado bldg
†Schaffert, John L., 427 I, N. W.
†Sherman, Edwin P., Langdon
Sinclair, W. W., 1814 Corcoran, N. W.
†Sonnemann, Fred, 308 C, N. E.
Soran, Chas. H., 1409 N. Y. av, N. W.
†Souder, Wm. W., 1425 N. Y. av, N. W.
†Spier, W. E. (Large), Bliss bldg
†Spencer, Wm. S., 930 F, N. W.
Stabler, A. J. & Co., 1206 D, N. W.
†Stewart, Wm. A., 1700 12th, N. W.
Stone, O. F., 30 E, N. W.
Sturbitts, Wm., 216 11th, N. W.
†Thomas, John W., 1424 E, N. W.
†Thompson, Archibald, 1220 I, N. E.
†Totten, W. A. & Son, 1329 F, N. E.
Towles, Geo. W., 2300 14th, N. W.
†Turton, James E. & Son, 1009 K, N. W.
Volland, Chas. D., 418 L, N. W.
†Walker, Jno. T., 1000 Conn av, N. W.
†Williamson, Jos. B., 402 R. I. av, N. W.
†Woodruff, Spencer, Eckington pl & Q, N. E.
Yost, Wm. & Bro., 1002 Pa av, S. E.

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DE LAND—†May & Hibbard
FERNANDINA—†Eastmore, Thomas
Freeman, James G.
Lasserre, E. E.
McGiffin, James
Mann, John R.
†Oakes, O. S.
JACKSONVILLE—Aiber, E. H., 125 Julia
Armitage, Wm. M., 310½ W. Duval, L. V.
Barbee, J. A., 135 E Forsyth
Beach, L. L., 29 Hogan
†Boden, J. H., c May and Rossell
Brown, Q. E., May, n Gilmore, R.
Campbell, Asaph P., W Forsyth Bridge, L.V.
†Carhuff, Isaac, Orange, n Russell, R.
Clark, E. D., Brough, c King, E. J.
†Compton, 730 Barnaby
Davis, Frank, Darwin, O.
Drew, Willoughby, Maggie, c Nellie, E. J.
Garvin, W. T., Magnolia, n Jackson, B.
Gay, Frank, Catherine, S. J.
†Green, W. C. & Co., Forsyth
Grimley, J., Commercial, n Jackson, B.
Hanford, A. M., 167 Hogan
Hurd & Gordon, 26½ Ocean
Kimball, Gardner A., 148 W Forsyth
†Kooker, J. H., Maggie
†Leonard, S. S. Co.
†Lyttle, Wm. H., 214 Date
McDonald, Moses, Leilia, n Oak, B.
Marrable, John, 141 W Adams
Neunert, Oscar, 205 1st, L. V.
Onley, D. W., Union, c Liberty
Onley, J. E., 41 W Union
Pacetti, S. J., 33 E Monroe
Pierce & Whittington, 129 Cedar
Rivers, Anderson, Clay, n H.
†Smith, Edgar & Co. (Large)
Taylor, Dennis, 606 W Beaver, L. V.
Whistler, Wm. S., 10 Monroe
†Woodworth, J. F., 117 E Bay
JASPER—†English, Harvey
†Mattox & Williams
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†Harney, S. G., Simonton and Front
Herrick, H. M.
Lyons, F. L.
†Peacock, H. J.
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Scott & Henry
MADISON—†Davis, W. T.
MICANOPY—Burch, W. M.
Henderson, E. T.
Shepard, G. W.
MONTICELLO—†Shaw, Geo. D.
OCALA—Bull, Wm. C.
Burnett, David J.
Gamble, David
†McIver & Mackay
ORLANDO—†Boykin, L. M.
†Evans, Jno. C.
†Krykin, L. M.
†Ponder, W. J.
PALATKA—†Mawick, F. N.
PALMETTO—†Manatee Building & Lumber Co.
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†Turner, C. H.
Watts & Lewis
Williams, F. M.
†Willis & Broughton
PLANT CITY—†Smith, T. B.
QUINCY—†Howard, Jno. T.
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†Fishwick, Wm.
McGuire & McDonald
†McKinnon, K.
†Mitchell, W. H.
Williams, F. L. & Son
ST. PETERSBURG—†Henry & Allison
Railsback & Coppins
SANFORD—Long & Whitehouse
Prandell, E. B.
TALLAHASSEE—Fish, A. J.
†Gilmore & Davis
TAMPA—Drew, J. H.
†Edenfield Lumber Co.
Hester & Walker
Morse & Walker
†Shaw, A. L.
Stubbs & Hudnall

GEORGIA.

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ADEL—Duckworth, M. L.
Stevens, John
Thomas, Ed.
ALBANY—†Leonard, F. B.
ALTON—Nixon, U. S., Alton Saving Bankbldg
AMERICUS—†Americus Construction Co.
Fulford, J. H.
Garfield, J. H.
Granberry, T. L.
Stevens, S.
ATHENS—†Kenney, D. M.
Lyndon & Barrett
Sage, J. A.
†Watson Bros.
ATLANTA—Aikens, E. L., Inman bldg
Bowen, C. J. & Co., 516 Austell
Brown, I. N., Peters bldg
Brown, J. T., Peters bldg
Clayton, G. A., Austell bldg
†Corbally, J. A., 126 Windsor
†Crockett, E. Y., 112 S Forsyth
Dale, G. E., 6 S. Broad
Daniel, Jas. B., 395 Central av
De Leon & Lopez, 508 Eng-Amre bldg
Dixie, C. & C. Co., 327 Whitehall
†Fischer, J. A., 164 Whitehall
†Gude & Walker (Large), 713 Prudential bldg
George, W. H., Prudential bldg
Griffin & Fitts, Peters bldg
Hamilton, Alex. & Son, 67 S Pryor
Hale, J. E., 93 N Pryor
Harrison, F. H., 78 Pulliam
Higdon, J. F., Grant bldg
Lee, D. J. & Bro., 141 Marietta
Lee, J. B. & Son, 127 Marietta
Lewman, M. T. & Co., 601 Eng-Amer bldg
Miles & Bradt, 800 Austell bldg
National Home Bldrs Co., Equitable bldg
Padgett, B. R. & Co., Prudential bldg
†Price & Thomas, 62 N Pryor
Reid, Z. T., 106 Trinity av
Renfroe & Moulder, 27 S Broad
Sanders & Warner, 95 Peachtree
Slater, A. J.
Street, G. T., 148 Windsor
Wagner, F., Grant bldg
White, C. L. & J. T., 19 Tennessee
Wright, J. A., 348 S Boulevard
AUGUSTA—Bell, M. F., 1018 Taicot
†Brown, T. O. (Gen'l), 322 Telfair
†Cope, Fredk., Walton Way
Cumpsty, W. J., 807 Ellis
Daley, T. J., 525 13th
Denning, Geo A., 207 Greene
†Denning, Samuel T., 208 Ellis
Goodrich, Geo. A., 339 Ellis
†Judkins, A. J., 110 6th
†McKensie, Jno. H., 459 Broad
†McKeown, J. J., 127 Ellis
†Rounds & Hayler (Gen'l), Turpin Hall
Rowlands, A. K., 1831 Walton Way
†Weigle, George P., 455 Watkins
BAINBRIDGE—†Williams, W. E. (Large)
BARNESVILLE—Bennett, A. D. & Bro.
BRUNSWICK—†Anderson, W. C.
†Conzelman Bldg. & Construction Co.
†Lang & Wood
Moore, C. G.
BUENA VISTA—†Parham & Smith
CARTERSVILLE—Collins, A. J.
†Hall, J. E.
Hilburn & Ray
CEDARTOWN—Lindsey, G. W.
CHARLOTTE—†Tompkins, D. A.
COCHRAN—Barnett, W. F.
Martin, Dennis
Willis, O. R.
COLUMBUS—Barlow Bros.
Butts & Cooper Co., 616 13th
Callahan, A. R., 104 11th
Dudley, T. J. & Sons, 1243 6th av
†Gruzard, T. L., 1318 1st av
Harvey, W. T. & Co., 6th av & 15th
Jones, Rufus, 920 6th av
†Pollard, M. J. C., Wynnton
Wood, T. W., 902 9th av
†Young, C. E. & Co., 119 12th
CORDELE—Benson, W. D.
DALTON—Bishop, Jno.
Elrod, Jno.
Gregg, Abe
†Gregg, Jno.
†Hamilton, Ephram
Hamilton, Flint
†Hicks, Joe
Kirk, W. H.
Miles, W. A.
†Williams, J. A.
EDISON—Godsey, K. C.
Lewis, M. C.
Moore, J. L.
Wiggins, G. W.
ELLIJAY—Davenport, A. J.
Duckett & Dunn
Elliott, Wm.
Griggs, Jas.
Hill, S.
FITZGERALD—Hoyde, F. W.
GRAYSVILLE—Rhodes, J. W.
Rhodes, W.
Smith, A. C.
GRIFFIN—Hindsman, A. E.
Mathews, J. A.
Westbrook, Jno. S.
HAMILTON—Brown, Jim
Brown, William
Johnson, Elbert
Prickard, James
HAZELHURST—Coffee, L.
Gill, G.
Pennington, D. B.
Pennington, Jno.

HURST—Beaver, Virgil
Legg, Thos.
Legg, Wilson
Thompson, Wm.
INDIAN SPRING—†Strother, R. C.
JACKSON—†Bryant, J. T.
LEGUIN—Coggins, G. W.
Lalster, J. M.
Pear, W. B.
Smith, F. M.
LITHIA SPRINGS—Douglas, Jno.
McCain, B. H.
Norris, W. W.
Strickland, W. W.
MACON—Blair, Algernon, 673 Cherry
†DeHaven, Wesley W., Rogers av, Vineville
†Jones, Peyton W.
†Macon Sash Door & Lumber Co. (Large)
Miller, S. T., 159 Cotton
Moore, L. E., 608 Oglethorpe
Nathans, A. H., 525 Oglethorpe
†Ong, J. F., Wall st
†Smalling, Robert H., 2515 2d
†Wilders, R. C. Sons Co., 614 3d
†Willingham Sash & Door Co.
MARIETTA—†Black, L. & Son
MAYSVILLE—Jackson, W. O.
Redd, W. W.
Williams & Reynolds
RICHLAND—Green, Geo.
Ray, N. A. & Son
Whitman, W. H.
ROCKY FORD—Calhoun, R. W.
Davis, Jno. R.
Royal, Jas. C.
ROME—Broach & Trommell
†O'Neil Mfg. Co.
Patton Sash, Door & Building Co.
SAVANNAH—†Andrews, Frank A., 4 W Jones la
†Hawley, W. O., 202 40th, E.
†Killorin, Edw., 109 Congress E
†Killorin, P., 109 Congress, E.
†Murphy, M. C., 29 Abercorn
†Noonan, W., 1814 W Broad
†Riedel, Robert, 115 State E
†Shults & Sons, 407 39th E
†Stunt, R. N., 113 President, E.
†Thompson, Ernest, 28 Abercorn
†Ward, Henry M., 319 Duffy E
SUMMERVILLE—Jenkins, J.
Leigh, M. S.
Privett, N.
THOMASVILLE—Arnold, H. & Bro.
Gribben, James
Horrocks, V. A.
Miller, Wm.

IDAHO.

BLOOMINGTON—Nelson, W. C.
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BOISE CITY—Brennan, J.
Bryan, H.
†Hall, I. N., 1331 Grove
†Houtz, William
†Little & White, 501 Main
Marshall, W. C., Ada & Sherman
Record, George
Seaman & Alkens, P. O. box 131
†Stevens & Hummel
Twogood, M. L., 10th and Pueblo
†Wright, Samuel
CALDWELL—Apperson, J. J.
Cox, J. N.
Miller, R. E.
Patton, James
Steuneuberg, John
Talley, W. A.
Vanwyngarden, J.
GENESSE—Cann, James
Hill, A. N.
Mastin, A. S.
Nelson & Steltz
GRANGEVILLE—†Allen, Jas. B.
Boyse, F. M.
†Grabski, L.
Pearson, H. H.
†Vancise, F. D.
HAILEY—Enberg, Peter
Germain, Joseph
Hewette, Henry
Murdock, J. C.
Povey, John
Regan, James
Riggen & McTaggart
Smith, W. E.
IDAHO CITY—Bennett, Geo.
Eli, Martial
Marrell, A. B.
LEWISTON—Cooper & Hale
Keenan, John
Madgwick, H. T.
Strong, L. L.
Van Pelt, Chas.
MONTPELIER—Allen, Geo.
Huff, Charles
MOSCOW—Albright, Wm.
Anthony, Prof. J. J.
Benedict, O. A.
Elzey, B. R.
Emmons, Fred
Glese, A. G.
Moerder, Jno. J.
Morquist, August
Sandberg, C. E.
Smith, Lindol
Taylor, Fred
Wells, W. P.
Zelgler, M. F.
PARIS—Ashley, George
Bear Lake B. & M. Co.
Grimmett, J. H.
Pendrey, Orson
PAYETTE—Cammett, J. A.
Nichols & Carter
PRESTON—Casperson, Rasmus
Johnson, Martin
Johnson & Greaves
Kershaw, Thomas
SHOSHONE—Andrews, E. J.
Hunt, J. S.
WALLACE—Green & Kau
Turner, Joseph
WARDNER—†Bell, J. J
†McEntosh, Alexander
WEISER—Agnew, L. P.
Hopkins & Tracy
Olds, C. H.
WESTON—Christenson, J. C.
Gassiman, Henry
Gill, T.
Mickelson, N.
Waldon, Benjamin

ILLINOIS.

ABINGDON—Blair, W. W.
Purdue, Jesse
Trout, Samuel
ADDISON—Heidmann, C.
Holsten, Wm.
ADRIAN—†Bradford, J. W.
ALEDO—Bitts, G. L.
Chamberlain, L. E.
Day, T. & Son
†Pinkerton, Geo. W.
Pinkerton, J. S.
Steward, J. M.
ALEXIS—Churchill, A. E.
Conant, Hiram
Perkins, James
ALGONQUIN—Frank, C.
Keyes, Henry
Sedlacek, John
ALTOMONT—Selbert, Christian
Wurl, Gustave
ALTON—†Beiser, W. & H., 815 E 6th
†Bilderback, J., 900 Vandalia Road
Bowman, Charles
†Degenhardt, C. F.
Demalade, E.
†Dill, A. W.
Fisher, F. W.
Gifford, H. V.
Ginter, G. A.
Harris, C. W.
†Kelley, F. H.
Oglesby, A. D.
†Rathmann, H.
Rice, H. L.
Schuelle, H.
Voss, J. E. A.
Wyman, W. H.
ALTONA—Johnson, Andrew
Sandberg, A. F.
AMBOY—Neuhausen, Wm.
Pike, Hiel
Spencer, M. T.
ANNA—English, E. C.
Hill, Allen
Lippard, T. C.
Mangold, B. F.
Settlemoir, E. M.
Warner, B. F.
ANTIOCH—Kelley, Joseph
Olcott, M. D.
Smith, J.
ARCOLA—Gray, W. M.
Louthan, Bros.
Seipel, Frank
Spellman, C. V.
Todd, A. E.
Wilkinson, W. H. H.
ARLINGTON HEIGHTS—Boger, Henry
Hansing, Henry
Weidner, Martin
ARTHUR—Moles, H.
ASHLAND—Babb, J. N.
Doran & Grogan
Grogan, Chas.
ASHLEY—Key, J. M. & Sons
ASHTON—Fuchs, Fritz
Thompson, J. S.
ASSUMPTION—†Contville, J. B.
†Stutsman, H. F.
Vilmur, Alfred
ASTORIA—Frazier, D. S.
ATHENS—Bahrens, Peter
Beechler, Louis
Prather, W. B.
ATLANTA—Bowers, John
Cameron, Thomas
AUBURN—Forman, E. M.
Higgins, J. E.
McCoy, Royce
Sledgemilk, J. A.
AUGUSTA—Fosdyck, Joseph
Harris, F. M.
Van Burnt Bros.
Watts, T. H.
Working, A.
AURORA—†Briggs, E. D.
Gardner, J. W.
Gardner, W. E.
Ladieu, A. T.
Little, James
Melchert, Peter
Pixley, J. D.
Sylvester, Lewis
AVA—Goodman, Walter
Higgins, Joseph
Johnson, W. D.
Wegner, J. F.
Ward, John
AVON—Crabb, Thomas
Snyder & Burrage
BARRINGTON—Gleason, Albert
Landiver, H. F.
BARRY—Brown, L. H.
Clark, G. W.
Early, G. W.
Gray, B. T.
Mitchell, W. T.
BATAVIA—Benson, John
Drake, Wm.
Hooker, Frank
Steward, Wm.
Watson, Geo.
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†Baumann Bros., 717 S Jackson
†Blomenkamp & Co., Church & 1st
Bray Construction Co.
Dittmann, W. H., 412 S Church
†Epple, H.
†Faulbaum & Glueck
†Geyer, L. F.
Hilpert, J., 703 W. C.
Knebelkamp, O., 211 Abend
Miller, Jno. H., 220 Portland av
Reeb, Philip & Bro., 341 Centreville av
Schopp, Henry
†Rels, Val. & Sons
†Rodenmayer, V.
†Schneider, P. J., 410 Portland av
Sefert, Edw. A.
†Stauder, Adam
†Storck, G. P.
BELVIDERE—Besmith & Hazlewood
Pratt & Watson
Slafter, A. A.
BEMENT—Barnes, J. H. & Son
†Hubbell, Bingham & Yost
BENSON—Haas, Geo.
Ranken, Wm.
Worthington, C. E.
BENTON—Kendall, George
Payne, Wesley
Winn Bros.
BLANDINSVILLE—Bray, Wm.
Metcalf & Gillihan
Wright, W. H.
BLOOMINGTON—Armstrong, H. L.
Cable & Bryant
Cassell, Chas. M.
†De Bruler, E. M. & Son (Large)
†Evans, J. W. Sons Co. (Large)
Doty, H. A. Son
Gildner, Geo.
†Hall, H. B.
Harrop & Cooper
†Hayes, Philip J.
Koepke & Hall
†Lamb, J. L.
Meier & Dambold

†Rowley, E. J.
Stine & Stine
†Thomas, John E.
†Zeigler, John P., 407 N East
BLUE ISLAND—Krueger, Christian
BLUE MOUND—Davidson, A. B.
Reemsnyder, Israel
BOURBONNIAS—Bicque, Merrill
Boldue, Peter
Lamontague, Alexander
Marcotte, Moses
BOWEN—Erwin, C. M.
Sloan, Arthur
BRADFORD—†Curtiss & Foster
Foster, W. F.
†Hayden, I. F.
BREESE—Klutho, August
Meyer, Bernard
BUDA—Acker & Kirkpatrick
Westevell & Diltz
BUNKER HILL—Cash, John
Prehn, George
BUSHNELL—Beach, W. E.
Krauser, Frank
Livingston, John
Nickey & Sample
BYRON—Apgar, Conrad
Kosler, J. S.
Turbush, A. H.
CAIRO—†English, J. E.
†Ferguson, Thomas
†Kelly Bros.
Kelly, Daniel, 22d and Walnut
†Dinnear, H. L.
†Madden, John
†Miller, Jas. A.
†Schatz, Wm.
CAMBRIDGE—Chapman, J. W.
Flagg, William
Story & Flagg
CAMDEN—Campbell, L. C.
Katzenberger Bros.
Loop, C. A.
CAMP POINT—Childs & Son
Huber Bros.
†Wheeler & Van Blair
CANTON—Beam, Jacob C.
Blakemore, T. H.
Hoge, S. E.
Livers, R. J.
Silvernail, Jno.
" Stanley, C. C
Stanley, C. H.
†Whitmore, Jacob R.
Willis & Romaine
CAPRON—Berry, T. F. & Son
Linderman, G. W.
CARBONDALE—Dickinson, Charles
Rapp, I. O.
CARLINVILLE—Phelps, Harvey
Rill, Chas.
Turnbull & Savage
CARLYLE—Fink, Edwin
Leonard, W. H.
Neiswonder, Henry
CARMI—Bollerman, Richard
Bruder, Jacob
CARPENTERSVILLE—Masters, John
CARROLLTON——Bowman, N. D.
Dick, J. Y.
CARTHAGE—Biery, Henry & Co.
Flynn & Mesick
McColm, E. W. & Co.
Meals, J. & Son
CASEY—Kennedy & Son
CENTRALIA—Gott, John
Hamilton & Seargent
CERREGORDO—Richards, Jno. H.
CHAMPAIGN—Murin, W. N.
Norman, Ulyses G.
Rubey, Chas.
Sedgwick, J. E.
CHARLESTON—Fuller Bros.
Harding, W. L.
†Maxwell, B. R.
Muchmore, G. P.
CHATHAM—Keller, Daniel
Moore, Chas.
CHENOA—Finley, John & Son
Ohmit, Franklin
CHESTER—Ahrens & Brinkham
CHICAGO—†Abhau, Geo.
†Anders, Gustav, 5134
Anderson, P. & C., 427 N Clark
Anderson, A. & Co., 112 Clark
†Anderson, C. L., 5333 Prairie av
Anderson, Jas. M., 6913 Normal av
†Angus Bros. & Co., 107 Dearborn
Apt, Harry J., 41 Plymouth ct
Arf Geo., 826 37th
†Armstrong, John D., 999 W. Berteau av
Arnold, John, 922 S. Hamlin av
†Avers, F. G. & Co., 218 La Salle
Bach, Ole S., 265 Superior
†Baecker, Geo., 1796 W North av
Baldwin, Fredk. W., 848 W Madison
†Barnard, W. E. & Son, 510 W 62d
Barnes & Kuhnle, 4003 State
Barr, Jno. F., 3447½ Indiana av
†Barr & Chamberlain, 238 33d
Barratt, Wm. R., 45 Laselle
Barry, W. H., 108 Dearborn
Barry, M. & Son, 222 Illinois
Bartell, Jno. & Son, 161 Wash
Barthel, Bruno, 2934 N Oakley av
Barton, Geo. H., 210 Ewing
†Bastein, Urich, 525 W Polk
Baudler, Geo., 5141 S Campbell av
Bayer, Adam, 611 Walnut
Beahan, Jno. J., 202 25th
Beard, Augustus R., 1459 Montana
Beatty, Jno. K., 3729 S Morgan
†Behrer & Benson, 220 63d
Bemenderfer, Isaac W., 156 43d
Berck, Henry P., 1080 W Harrison
†Bergman, Fred, 11034 Wabash av
Bernritler, F. H., 85 Dearborn
†Bernritler, Henry, 85 Dearborn
Berry & Peterson, 2207 Evanston av
†Bertram, Henry, 1409 S 41st av
†Beste, Adolph, 1231 George
†Bickford, J. A., 916 S Spaulding av
Bingman, Chas. W., 447 N Wells
Bird, Jno., 539 Belden av
†Birkhoff, Geo., 577 W Adams
Blatteau, Jacob, 270 Superior
†Blocker, Peter, 1073 W 103d
Blue, Andrew J., 307 W Madison
†Bostrom & Olsen, 1988 N Clark
Bouffard, Louis & Co., 153 Lasalle
†Bowen, Benj. L., 6352 S Sangamon
†Bradley, Jas. D., 34 Wabash av
Brannon, R. A., 157 Milwaukee av
Bridges & Gilrie, 211 Center
†Brisch Bros., 1011 Douglas blvd
†Bristol, Lucien D., 140 Dearborn
Brodnicki, Jacob, 1042 S Albany av
Brown Bros., 380 Dearborn
†Brown, Chas. H., 859 Walnut
Brown, Fred A., 2035 W Adams
†Brown, Jno., 1016 Wilcox av
†Bullock, L. G., 6322 Rhodes av
Buresh, E. J. & Son, 18 Henry ct
Burkart, Jos., 111 N Clark
Burns, Thos., 687 W Lake
†Burns, Thos. F. W., 4720 Wentworth av
Burrell, G. T. & Co., 263 Lasalle
†Busch, Rud. J., 4707 St. Lawrence av
Bush, John W., 615 25th
Butts & Buckholtz, 1102 W Madison
Cameron, Jno. E., 8 N Pauline
Campbell, Archie M. & Co., 184 La Salle
Campbell, Donald K., 2737 N 43d av
Campbell, Murdoch, 112 Clark
Carlson Bros., 1828 Indiana av
Carlson, Claus A., 108 Dearborn
Carlson, G. L., 1068 Ward
†Carpenter, Byron, 11,948 Eggleston av
Carson, C. E. & Co., 159 Laselle
Cawse, Jno. P., 44 S Paulina
†Champion, Henry, 350 Park av
Chapman, Frank W., 1151 S Lawndale av
Chegwidden, Thos., 728 W 79th
†Chevalier, Louis G., 119 S Paulina
†Clancy & Clancy, 131 La Salle
†Clark, A. R. & Co., 164 Dearborn
†Clark, C. Everett Co., 100 Washington
Clark Construction Co., 2 Sherman
†Clark, Jonathan & Sons Co., 2 Sherman
†Clark, W. Irving & Wm. T., 138 Washington
†Clark & Trainer, 164 Dearborn
Clifford, Thos., 655 37th pl
Coburn, Wm., 1815 Wabash av
Collier, W. A., 862 Fulton
Collins, Chas W., 61 S Paulina
Collins & Morris, 138 Wash
Comfort, Richard W., 900 W Madison
Conboy, Patrick M., 484 95th
Conran, Thos., 49 Plymouth ct
Cooper, Douglass A., 2519 Prairie av
Copp, Gideon A., 211 Rush
Cordell & Pirwitz, 225 Division
Cormack, Jos., 167 Dearborn
Corse, Cyrus J., 134 Monroe
Crawford, A. M., 236 S Hoyne av
Cripe, Simon H., W. S., 3553 Carpenter ct
Crook, Edwin, 4004 Cottage Grove av
†Crown Construction Co., 677 W Van Buren (Large)
Cullen, Frank J., 112 Clark
Curran, Rich'd, 113 Adams
†Daegling, Arthur V., 9000 Houston av
Daudelin, Chas., 1436 Ogden av
†Davis, Evan M., 6834 S Peoria
Davis-Larkin Co., 115 Dearborn
Davis & Ensor, 131 Lasalle
Decker, Philip H., 52 Dearborn
De Milly, Jno. B., 13,312 Superior av
Denman, Jno., 40 50th
Denny, David H., 2148 N Marshfield av
†Denton, John, 3560 Cottage Grove av
†Desmond, J. F., 3452 Cottage Grove av
Desmond, Owen, 2106 Wabash av
Dettmers, Hy., 442 N Clark
Deyo, Calvin B., 8621 Vincennes rd
De Young, Hy. J., 11,227 Michigan av
†Dick, Jno, 138 Washington
Diegley, Albert F., 3105 Groveland av
Diehl, C. Harry, 401 57th
Dippold, Chas. F., 4715 Kenwood av
†Doherty, John, 3714 W 62d
Doherty, M. & Son 267 Grand av
†Donovan, Jas., 3224 Calumet av
†Doolan Bros., 4710 Wabash
Douglas, J. H. & Co., 115 21st
Douglass, Jno. E., 4004 Vincennes av
†Dowling & Rutherford, 167 Dearborn
†Drew, Robert H., 6912 Normal av
Du Charme & Co., 153 21st
Dunnett, Wm., 97 Clark
Dunning & Aronson, 849 W 68th
Dutton, A. R., 68 N State
Dyer, Hiram M., 1099 W Jackson boul
Earle, Johnson, 5521 W Ontario
†Earnshaw, E. & Son, 204 Dearborn
†Edmunds Mfg. Co., S Roby c Washburne av
†Eggert, Ernst, 985 S Hamlin av
Eisenberg, Jno. W., 56 S Morgan
†Erickson & Anderson, 1568 N Whipple
†Ernst, Albert P., 604 Washburne av
†Ethier, Jos. B., 4208 Prairie av
†Evans, Abner, 13,356 Buffalo av
†Evans, Sylvester D., 4044 Prairie av
†Fahey, Michael, 3509 Wabash av
Farling, Jno., 26 Randolph
Farr, Chas., 2801 Emerald av
†Fergus, John Q., 3114 Vernon av
Findlay, John S., 6908 Perry av
Fischer, Chas. T., 3514 Wentworth av
Fitton, Joshua, 80 35th
Fitzpatrick, Wm. P., 348 S Robey
†Fletcher, Jno. W., 1805 Holden ct
†Ford & Phillips, 120 Quincy
Forrer, Hy., 549 39th
Franceshi & Diettlerllein, 178 N Wells
†Fuller, Geo. A. & Co., Marquette bldg
†Furst, Louis, 43 Market
Gabriel, Lewis, 1074 W Madison
†Gaden, Herman N., 795 Fulton
Gebhardt, Hy., 333 5th av
†Gibbons, Jno., 615 Root
†Gilbert, Edson R., 2458 W Ohio
†Gill, Jno. J., 1317 W 49th pl
†Gillespie, James, 7251 Rhodes av
Gillette, Alonzo, 13 S Robey
†Gilmore, Wm. W., 76 N Franklin
†Gilsdorff, Henry & Sons, 599 N Clark
†Gindele, Chas. W. Co., 3333 La Salle
Glindkamp, Herman, 1840 Diversey boul
Gluck, Philip, 667 Mildred av
†Goldacker, Herman, 395 W Ravenswood pl
Goldie Construction Co., N. Y. Life bldg
Gordon & Gordon, 148 S Robey
†Gorham, Wm. C., 47th av, n W Addison
†Goss, Rudolph W., 5422 Princeton av
†Grace, William, 1408 Wabash av
Grant Construction Co., 134 Clark
Grant, Frank W., 103 S Lincoln
Gray, Charles, 979 W Lake
Green & Carlson, 112 Clark
Greenfield, Jno., 6721 S Sangamon
†Gregory, Jno. R., 1424 Newport av
†Gries, Wm., 3207 Milwaukee av
†Griffiths, Jno. & Son, 135 Adams
†Gross, Jno. W., 604 Masonic Temple
Hagestedt, Herman, 301 Cortland
†Haizman, John, 1060 W 19th
†Halley, Belton, 74 44th
†Hamilton, Jno., 138 Washington
Hansen Bros., 445 N Clark
†Hanson Bros., 59 Dearborn
†Harder, Fred W., 3327 Lowe av
Harris, Adolph, 225 51st
†Hass, Carl W., 5728 W Chicago av
†Hayes, D. H. Co., Monadnock blk
†Heath, Ira A., 3136 Prairie av
Heath & Port, 2810 S Park av
†Heck, Joseph D., 1311 W 104th
†Heinrich, Richard E., 3702 S Wood
†Henderson, Erin D., 12,134 Eggleston
Hendry, Alex., 129 N Franklin
†Hersey, Jno. W., 843 W Adams
Hessler, A. A., 59 N Clark
Hibbs, Wm. R., 255 Dearborn
Hill, Chas. C., 103 S Campbell av
Hoffman, W. L. & Co., 246 W 47th
Hodgson, G. S. & Son, 88 Evanston
Hoefner Bros., 105 N Clark
Holman, Jas. S., 216 W Adams

†Homewood, Harry, 6606 Rhodes av
Hoppe, Gustav, 1282 S Lawndale av
Horne, Roger J., 346 39th
Horne, T. A., 145 Lasalle
Hough Bros., 920 W 57th
Horsman, Edw., 16 S Jefferson
†Hudson & Sons, 3201 Wabash av
†Hughes, Jno. G., 300 W Van Buren
Hunter, Samuel M., 5643 Jefferson av
Huntsman, Calvin, 161 S Clinton
†Hyink, Edw., 487 43d
†Hynes Bros., 3643 State
Hynes, Horace J., 2734 State
†Illsey, Wm. A., 526 Reaper blk
†Iverson, E. O., 543 W Fullerton av
†Iverson, E. & Sons, 177 La Salle
Jacobs & Nottelman, 63 Canalport av
Jaergermann, Aug., 1343 75th
Jager, E. M., 153 Lasalle
†Johnson, Chas., 1140 W 59th
Johnson, Chas. G., 1215 Oak Grove av
†Johnson, G. A. & Son, 159 La Salle
†Johnson, Jno. A., 20 S Hamilton
†Johnson, Sigfrid, 7932 Marquette av
Johnson & Nilson, 1903 Thomas
Jones, R. Heber, 6936 Princeton av
Jorgensen, Albert, 191 Lake
†Jyrch, Karl E., 696 Fulton
†Kaiser, Hermann, 75 Bingham
Kane, Wm. L., 710 Belmont av
Kavanagh, Jno., 171 N. Clark
†Kearns, Chas. W., 108 La Salle
†Keating, Thos., 197 S Centre av
†Kebil, Jos. B., 12,026 Eggleston av
Keene, Burton, 222 Ontario
Keinz, Frank, 400 North av
Kinsey, A. K. & Son, 984 Clifton Park av
Kirk, Wm. & Son, 132 Lasalle
Kirkham, Frank R., 138 Wash'n
†Klajda, Frank, 595 Dickson
†Kostner, Frank, 984 Hancock
Kuss & Harting, 34 Clark
†Lack, Henry, 968 Warner av
†Lane, A. W., 153 La Salle
†Larsen, Adolph, 1170 Maplewood av
†Lechner, J. M., 1125 Oakdale av
Legge David E., 1271 W Ravenswood pk
Lindell, Gust., 107 Wash
†Liver & Ramperthal, 218 La Salle
†Lobstein, J. G., 473 W. 21st
†Lobstein, Jno. G., Jr., 457 W 21st
†Loudelius, Christian A., 5840 Indiana av
†Loudelius, Martin C., 112 Clark
Lowes, F. J., 295 Clark
Lund, Jens N., 59 Dearborn
Lundblad, P. E., 141 N Robey
†McArthur, Wm., 6032 Michigan av
McAvoy, Jas. B., 731 W 48th
McCarty Bros. (Large), 134 Monroe
†McConnell & Barrett, 6429 Lafiin
†McCormick, Frank H., 6414 S Sangamon
McCumber, Wm., 6608 Rhodes av
McDonald, Chas., 366 Orchard
†McGuire, Chas. J., 116 S Homan av
†McGuire, J. F. & Co., 36 La Salle
†McJames, Herbert, 1053 Byron
McKeown Bros., 4819 Cottage Grove av
†McLachlan, Alex & Sons, Pullman av c 112th (P.)
McManus, Thos., 2806 Armour av
†McPherson, A. Scott, 4350 Champlain av
†MacBurney, Jos. A., 2523 N 42d av
Mace, Harry & Co., 4233 Lake av
Machesney, Jno., 185 Dearborn
Mack, Wm., 240 Hudson av
Mackay, C. B. & Co., 641 W Monroe
Major & Wheatley, 541 W 69th
†Maher, Wm. J., 2592 N 42d ct
†Manning, Geo. W., 214 42d pl
Marquardt, John, 19 Emma
Martin, Jno. G., 17 N Clark
Mason & Hogg, 3632 State
Meyer, Herman P., 32 N State
Miller Bros., 1643 Elston av
†Moe, Gisle N., 121 76th
Moe, Ingwald, 138 Wash
Mohr, Peter, 374 N Wells
Mooney, Thos., 889 W Eddy
Moore, Richd. B., 105 S Western av
†Moravecek, Frank, 1229 S Spalding av
Moreland, Chas. W., 2177 N Seeley av
Morgan & Co., 110 23d
†Morissette, Frank, 2349 38th pl
Morrice & Barron, 125 La Salle
Morley, Wm., 184 Wash
†Mortimer, W. H., 184 La Salle
Moulton, Geo. M. & Co. (Large), 1811 Fisher bldg
Mueller, Gustav, 6023 Wabash av
Muhlick, J. R., 126 Dearborn
†Muir, Kenneth J., 1753 N Sawyer av
†Mulloy, John, 848 31st
Murdock, Wm. J., 483 W Belden av
Murphy Bros. & Howard, 316 S. Calif av
Murphy, Jas. B., 2397 W Harrison
†Murphy, Jno. S., 712 W 48th
Murray, Jas., 88 Lasalle
Murten, W. A. & Co., 262 33rd
National Contracting & Bldg Co., 160 Washn
Neebes, Geo. S., 159 Lasalle
Nehf, Wm. H., 607 S Sawyer av
Nelson, Louis M., 2477 Syracuse av
Newstedt, Annsgarius, 1422 N Clark
Nicely, Geo. W., 280 30th
†Nicol, Frank T. & Sons, 343 Hastings
Nisbet, Alex L., 275 5th av
Oberg, Peter, 445 W Ohio
Obergfell, M. & Son, 763 Larrabee
O'Brien, Wm. D. & Co., 92 La Salle
Olsen, Berdines, 1534 N Avers av
†Olson Bros., 172 Grand av
Olson & Larsen, 3941 Indiana av
Paddock, R. A. & Co., 115 Dearborn
Pahlke, August, 138 Washn
†Parker, Edmund H., 12151 Eggleston av
†Parker, Geo. L., 4818 Calumet av
Parker, Jno. & Son, 217 W Madison
†Pearson, Gustaf, 630 N Artesian av
†Pekar, Jno., 2003 W 47th
†Perkins, Clarence, 1901 W Lake
Peters, A. E. & Co., 126 Quincy
†Peterson, Axel, 2731 N Ashland av
Peterson, Wm. F., 134 Monroe
†Phimister, David G., 112 Clark
Pike, Geo., 13 Nebraska av
†Pilditch, Edwin J., 5722 5th av
Pitcher, B. H. & Co., 3128 Cottage Gve av
†Pommerening, Ernest, 1284 N Ashland av
Pool, David O., 741 W Irving Park boul
Pottinger, Jas. S., 2072 Lexington
Prendergast & Clarkson, 132 La Salle
†Pruyn, Wm. H., 4217 Berkeley av
Rabusch, Wm., 3906 Armour av
†Read, Chas., 179 La Salle
Reed, Frank M., 6809 Yale
†Reitmeier, John, Jr., 125 W Winona av
Renk, A. J. & Son, 190 Blue Island av
Reynolds, Wm. J., 138 Wash'n
Rice, Jno. M., 115 S Pine av
Rich Bros., 6510 Harvard av
†Richards, Owen D., 264 Oakley av
Robbins, Isaac C., 6110 Stewart av
Roehr, Leonard, 10338 Av M
†Roerig, Philip, 1408 S 44th av
†Ronell, Aug. C., 1014 W 71st
Rose, Christopher G., 258 Mohawk
†Ross, Alex. M., 1205 Monadnock bldg
Russell, Saml. P., 82 16th
Ryan & Co., 6249 Greenwood av
Ryan, Wm. J. & Co., 112 Clark
Salomon, W. E. & Co., 159 La Salle
†Salzmann, Otto, 1775 N Hamilton av
†Samuelson, Andw. J., 283 Belden av
Samkovitz Bros., 25 Hastings
Scanlon, Jas., 40 Temple
†Scharmer, Jacob, 138 Wash'n
†Schirmer, C. Herman, 1019 W Diversey
Schmidt, Geo. F. & Co., 259 42d
Schoen, I. Harry, 112 Clark
Schroeder, Bernard, 2231 N Marshfield av
Schroll & Behr, 635 N Wells
Schumaker, F. C., 193 31st
†Scott, John, 4633 Champlain av
†Scown, Wm. J., Bldg. Co., 115 Dearborn
†Seaswood, Charles, 41 N 50th av
Severin, N. P., 112 Clark
Seymour, Jas. W., 296 Wash'n boul
†Shand, Alexander, 657 37th pl
Shank Co., 184 Dearborn
Sherman, J. J., 375 Dearborn
Sherwin, Jos. & Co., 135 Adams
Simpson & Nelson, 2333 Calumet av
Sinclair, Jas. H., 276 S. Claremont av
Sinclair, Wm., 164 La Salle
Smith, H. S., 204 Wash'n
†Soderlund, Olof, 3006 Cottage Grove av
†Sollitt, Ralph & Sumner Co., 140 Dearborn
Spear, Edwin, 517 W 63rd
†Spear, Henry H., 2406 N 42d av
Spears, Alex., 5017 State
Speiser, Peter J., 1570 69th
Stageman, Richd., 3551 La Salle
†Stanley, Wm. C., 9126 Erie av
Stanton, Michael, 5321 Union av
Stark, Jacob, 661 W Fullerton av
†Steinhaus, Geo., 49 Wilmot av
Stevens & Sherbrook, 7125 Greenwood av
Stevenson, Jno. R., 42 Custom House ct
†Strandberg, E. P. Co., 315 Dearborn
Strenge, Robt., 105 Cullom av
Stutz, M., 112 Clark
†Suman, Wesley, 1142 Flournoy
†Suprenant, Firmin, 4851 Union av
Sutherland, Robt. H., 244 Townsend
Swanson, Solomon, 316 W Garfield boul
Swift, Geo. B. Co. (Large), 188 Madison
Taggart, David G., 39 N Clark
†Taylor, Jno. R., 185 Dearborn
Taylor, Wm. F. & Sons, 3052 Wallace
†Thompson, Benj. H., 1135 Flournoy
†Thompson, Geo, 6800 Lowe av
†Thompson, John C., 425 N Robey
Todhunter, Jno., 9150 Comm'l av
Toolen, A. J., 112 Clark
†Topp, Fredk J., 7209 S Sangamon
†Traptow, Reinhold, 4808 Loomis
†Tregay, J. F., 307 Walnut
Trenton, Jos. R., 115 Dearborn
†Tullgren, Mauritz S. & Co., 218 La Salle
†Turnbull, G. W., 84 La Salle W
Turner, F. A., N Clark c Lunt av
†Vail, Jno. D., 617 Englewood av
Van Osdell, William C., 934 S Ashland av
†Vermeer, Richard, 5142 Lake av
Vetter, Otto, 228 W 111th pl
Vien, Philip A., 3015 Indiana av
Von Alven, Hy., 1860 N Seeley av
Wagner, Aug., 272 N Clark
Wakefield, Ole. A., 215 Wash'n
Walin, C. S., 112 Clark
†Walsh, Danl. A., 2634 5th av
Walsh & Masterson, 97 Clark
Walther, Ferdinand, 172 Wash'n
†Walther, Fred E. & Co., 1806 Wellington
Warner Construction Co., 112 Clark
†Warren, Wm. H. Mfg. Co., Blackhawk & Smith av
Warski & Buczkowski, 2932 Loomis
†Watson, Wm., 1208 Lexington
Wedekind, Aug., 335 N Park av
†Wedeles, Solomon, 4920 Ellis av
†Wehling, Jos., 3536 Emerald av
Weigel, Aug., 1229 Dickens av
†Weisman, Robt., 2478 Austin av
†Weldin, Ezra O., 3622 W 63d
†Wells Bros. Co., Monadnock blk
†Welter, P. J., 342 W North av
Werner, G. J., 2084 N Ashland av
†White, Jesse A., 60 S Ann
White, Wm. A., 5643 S Green
†Wicker, Wm. M., 171 La Salle
Wiedhofft, Alfred H., 526 Shefficld av
Wiley Bros, 138 Wash
William, Moses O., 549 N Wells
†Williams, Saml., 1164 Lexington
Williams & Ward, 153 Lasalle
Wilson, Jno. W., 9014 Bishop
Winn, Jos. H., 19 Union ct
†Winters, Fredk., 271 S Francisco av
†Wise, Emory C., 5820 Lafayette av
Wiseman & Andrews, 57 Oakwood boul
†Wolfinger, Clarence I., 164 La Salle
†Wooley, Howard N., 152 La Salle
†Young, B. J. & Son, 396 Dearborn

CHILLICOTHE—Beebe, R. B. & Son

CHRISMAN—Burtner, G. C.
Nelson, N .Y.

CLAY CITY—Barre, H. T.
Tilley, D. G.

CLAYTON—McGirr, Robert

CLINTON—†Bogardus, Henry
Davis & Ely
Eatherton, W. L.
Kirk, J. M.

CLYDE—Doty, C. E.
McDonald, Peter

COAL CITY—Meyer, W.
Richmond, John
Schimondel, Joseph

COBDEN—Fiss, Charles
Mangold, Willis

COLCHESTER—Mills, S. D.
White & Monn

COLFAX—†Henline Ezra (also Planing Mill

COLLINSVILLE—Abbott, John
Cochran, Milas
Eberhardt, Mathias
Lesterman, Philip
Loyett, J. H.
Sauer, John
Schroeppel, John

COLUMBIA—Brandt & Hammercek
Koch, Fred., Jr.

CORDOVA—Bryan, J. L.
Cool, Jonathan
Cummings, R. S.

CORNELL—Brown, D. M.

COULTERVILLE—Bates, C. C.
†Lyle, John N.
Wiley, James
Williamson, James

CREAL SPRINGS—Nix, J. T.
Simmons, L. R.
Thompson, E.

Ursery & Casey
Williams, J. C.
CRESTON—†Aska, Jno. M. (also lumber)
CRETE—Ruhe, William
Steege, Henry
CRYSTAL LAKE—Krigal, Wm.
Lindecrona, Charles
CULLOM—Kennedy, G. H.
Thorne, W. H.
DANFORTH—Bensama Bros.
DANVILLE—Butterfield, M.
†Cummings Wm. M.
†Gillespie, C. H.
†Krauel Bros. (Large)
†Moore, L. M. & Son, 820 N Vermilion
†Patterson, John W. & Co., W Main
†Sheets & Schingel
†Walter, H. B.
†Walton, F. M.
†Whitmeyer, J. W., N Robinson st
†Yeager & Son
DECATUR—Aldridge, H. A., 1134 E William
Baker, H. S., 709 W Main
Balbridge, Jno. C., 952 W Decatur
Battles, O. W., 802 N Edwards
Bothel, Jos. E., 968 N College
Canfield, M. H., 855 N Mercer
De Groat, Benj. G., 1624 N Clayton
Dicken, Jos. M., 1526 N Calhoun
Gebhart, Wm. F., 869 N Pine
Gray, F. M., 1058 N Monroe
Hunt, H. P., 547 N B'way
Kincaid, Robt. F., 907 E Eldorado
Lanham, Benj. F., 719 N Union
Lanham, Wm. N., 1503 N Water
†McNabb, W. O., 403 N Main
Munca, Geo. W., 1216 N College
Shoemaker, Andrew, 992 E Eldorado
Simon, Geo., 738 N Church
Stouffer, Geo. & Chas., 1121 St. Louis
Swisher, Lamont, 1019 W Macon av
Trimmer, Geo. W., 943 N Water
Vest, Josephus, 1096 W Eldorado
Williamson, Wm. E., 1130 N Main
Wright, Jno. W., 1270 N College
DEER CREEK—†Walker, E. G.
DE KALB—†Morrill, Henry (Large)
Rittig, F.
Schermerhorn, L. C. & Co. (Large)
†Spicer, L. D.
†Wiltberger, L. C. & Co. (Large)
DELAVAN—Carter, William
Caswell, N. O.
Foster Bros.
McGilliard, Edward
Merrilees, John
Patton, A. D. & Son
Rullo, John
Rynearson, Calvin
Van Hague, Thomas
Waltmeyer, C. M.
DES PLAINES—Kentes & Brown
Reineke, Henry
DIXON—†Adams, Lyman
†Anderson, J. H.
†Grieg & Baum (large)
†Howell, Geo. W. & Sons (large)
†McAlpine, W. J. (large)
†Mehrings, Herman
†Morgan, Thos. & Co.
DOLTON'S STATION—Boettger, B. G.
Vandenberg, Henry
DOWNER'S GROVE—Binder, Geo.
Binder, Philip
†Dunn, D.
†Herring, W. J.
DU QUOIN—Armstrong, J. H.
Eade, J. C.
Hatfield, C. C.
Hatfield, Victor
Voight, S. L.
EAST DUBUQUE—Bergman, M. H.
Lynch, Wm.
Nelson, Geo.
EAST ST. LOUIS—†Anderson, A., 631 N 8th
Anderson, Christian, 1500 Belmont av
†Aney, A. J., 121 Walnut av
†Bosquit, W. C., 1702 St. Louis av
†Carl, W. C., 15 Coll. av
Coates, Jno. T., 712 Division av
Eiskant, Gustav, 1403 Gaty av
Fraser & Smith, 602 Ohio av
†Gedney, J. I., 17th & Illinois av
†Guenther, Chas., 228 N 3d
Haeffner, Geo., 1317 Gaty av
†Hamler, E. C., 2123 St. Louis av
†Hartman & Sons, 2434 Ernst av (Alta Sita)
†Hays, T. W. & Son, 514 Howe av
†Jorgensen Peter, 443 N 7th
†Louis, H., 544 Brighton pl
†Merrick, Archie, 1413 Baugh av
Miller, C. J., 623 N 9th
†Morris, Roscoe,, Arcade bldg
†Munson, J. D., 311 N 6th
†Owens, Jno., 1516 Belmont av
†Reed, E. J., 921 Lake av
Story, N. P., 1824 Gaty av
Surber, Gus., 20 N Main
†Tojo, R. J., 2115 Cleveland av, Winstly
†Voss, Hy., 1506 N 9th
Way, C. H., 441 Collingsville av
EDINBURGH—Fritzman, Chas.
Landers, Wm.
May, W. F.
Stokes, Ivison
Willhite & Harvey
EDWARDSVILLE—†Berleman, Herman, S Main
Grebel, Chas., 513 Buchanan
†Fredericks, Geo., Union st
†Keller, John, Clay st
†Theuer, Jno. H., Kansas & Hillsboro av
†Waters, Joel.
EFFINGHAM—Golden, W. W.
Kreke, Jno.
Reichhelm, H.
Seity, Geo.
Theis, Jos.
Theis, Wm.
Wagner, Alfred
EL DARA—Phebus, Isa
EL DORADO—Gram & Young
ELGIN—†Boeshe, John, Dundee av
Crocker, Reimzi, 154 Oak
Davenport, W. H., 236 Dundee av
Fluck, John, 447 Division
Foster, W. F., 519 Enterprise
Garton, P. S., 224 Chicago
Gietz, Charles, 430 N Crystal av
Grow, Charles R., 208 Gertrude
†Hill, Charles J., 389 Fulton
Jensen, Henry, 18 Warwick pl
†Juby & Stolle, 373 St. Charles
†Kenyon Bros., 815 Larkin av
Knott, W. H., 555 Dundee av
Lind, Jacob & Son, 340 N State
McBride, John, 526 W Chicago
†Marckoff Bros., Room 2, McBride bldg., Douglas av
O'Neill, Matthew, 327 Washington
Peterson, John, 125 Oak
Schindler & Bohm, 532 W Chicago
Sederstrom, J., rear 52 Grove
†Seiger, Wm., 70 River
†Smith & Wikining.
†Striker, Joseph R., 307 Prospect bldg
Sullivan, M. J., 153 Porter
†Wright, John A., 67 N State
ELIZABETHTOWN—Clark, Alexander
Ferrell, J. H.
Manhard, James
ELMHURST—Balgerman, E.
Moeller, John
ELMWOOD—Cavely, P. G.
Clayton, Joseph
EL PASO—Calkins, L. S.
Fishburn, John
Hibbs, David
Shur, Cyrus
Tobias, D. K.
ENFIELD—Qualls, J. M.
EQUALITY—Brannon, H. T. & Son
McMichael, Nelson
ERIE—Fenton, S. H.
Gladhill, Geo.
Osborne, A. J.
Smith, E. C.
Wood, A. P.
EVANSTON—Anderson Bros.
†Bartlett, C. T.
†Bray, J. L. & Co.
†Chapman & Tapper (Station A)
Aoff, F. W.
Lane, Oliver
†Peterson, Fred, Benson av
Schmitt, Jno., Station A., Sherman av
EVANSVILLE—Barth, John
Dahlern, J. J.
Lauber, Thomas
Wehrheim, Wm.
FAIRBURY—Brownson & Waggoner
Hallock, Stephen
McCombs, W. J.
Shook & Keyes
FAIRFIELD—Crawford, R. C.
Felix, W. E.
Thompson, E. P.
FAIRMOUNT—Agey, H. H.
Hawkins, E. L.
Peterson, & Son
FAIRVIEW—Cook, Chas. & Son
Richard. Silas
West, W. A.
FARMER CITY—Clearwater, Reuben
Griffith, M. P.
Judd, H. E.
Thew & Wetzell
FARMINGTON—Goshen, I. J.
Morse Bros.
Peterson & Edmonson
FILLMORE—Card, H. C.
Hoffman, B. & Bro.
Livingston, T. M.
Miller, David
Miller, Harry
FISHER—Loveland, D.
Miller, J. W.
FLANAGAN—Benedict, H. D.
FLORA—Bier & Riley
Elliott, W. D.
Griffith, Alfred
McGill, Jonah
FRANKLIN—Carrick, John
Sargent & Sons
Vance, J. D.
FREEBURGH—Scheid, Charles
Schick, Philip
FREEPORT—Friederichs, Henry
†Hineline, J. M.
Hime, L. L.
†Kemp, J. M.
†Prall, E. G.
†Smith & Thomas
Stewart, Fred
FULTON—Griswold, Ed.
Harrington, Jno.
Sheets, P. H.
Wainwright, J. C.
GALATIA—Dudley, H. & Son
Fife, Isaac
Roper, Wm.
GALENA—Ginn, Jas. B.
Holtz, Louis & Sons
Horton, O. S.
Simon, Adam & Sons
Telford, W. A.
Tofel, Edw. & Sons
GALESBURG—†Arnold, E. H., 74 N Lincoln
†Bartlett & Kling (Large)
Carson, J. H., 81 Blanes av
†Davidson, P. McL., 320 Holton
†Housel, O. C., 828 N Prairie
Johnson, J. P., 931 Beecher av
†Johnson, Victor, 926 E Grove
†Linnroth, Joseph, 731 E Main
†Miller, Chas., 1007 N Cedar
Olson, Peter T., 1020 Bateman
†Peterson, N. N., 1032 S Seminary
†Swanson, P. F., 146 Whitesboro
GALVA—Price, Archibald
Ridgway & Dickinson
GENESEO—Clark, J. F.
Creen, James
Okelberg, J. W.
Olson & Larson
Peterson, A. P.
Turner, Walter
GENOA—†Merritt & Hadsall
†Patterson, Henry
Perkins, Henry N. & Son
GEORGETOWN—Readnour, James
Reid, D. B.
GERMANTOWN—Boeckman, B.
Ficker, Wm.
Linnemann, Herman
GILLESPIE—Welliard Bros.
Woodroof, Alexander
GIRARD—Adcock, J. T.
Berzelle, Chris.
Church, H. H.
Thompson, B. F.
Van Sicle, C. P.
Young Bros.
GLENCOE—Beal, E. H.
Houghton, Chas.
Miller, D. B.
Weider, J. A.
GOLDEN—Gronewald, W.
Watts, Thos. H.
GOOD HOPE—Nolan, Andrew
Parkin, Wm. H.
GRAYVILLE—Higginson, James
Lindsay, J. S.
Negley, David
GREENFIELD—Shields, James
Stock & Bro.
GREENUP—Keys, A. C.
Schultz, J. W.
GREENVILLE—Breuchand, B.
Mudd, R. L.
Perry, J. H.
Stewart, Chas.
Tate, P. H.
Wallace, Edward
Williford, John
GRIDLEY—Fretz, Christian
Kent, E. F.
Locke, S. J.
Phinney, D. D.

Rollins, J. S.
Settle, T. C.
GRIGGSVILLE—Allen, Wm.
Bartlett, Henry
Crawford, J. G.
Funk, J. H.
HAMILTON—Agnew & Son
Holt, W. W.
HAMPSHIRE—Cook, Wm.
Reams, H. T.
Weidman, John
HANOVER—Image, Antoine L.
Phillips, J. L.
HARDIN—Fisher, Henry
Linkogle, J. T.
HARRISBURGH—Burgner, J. A.
Ziegler, B. F.
HARVEY—†Hobson, Thos.
Simmons, John R.
†Ranger, C. W.
HAVANA—†Bruning, H. G. (Large)
HENRY—Doty, Henry
Goltra, A. V.
Niblock, W., Jr.
Reed, R. L.
Warner, R. K.
HIGHLAND—Weiss, Frank
HIGHLAND PARK—Clow, Fred.
McCaffrey, M. H.
Noerenberg, A. J.
Rice, L. J.
Rioux, Joseph
St. Peter, A. J.
Streiber, Charles
Warren, E. A.
HINCKLEY—Biehl, Jacob
Linn, Conrad
HINSDALE—†Bucholtz, Henry
†Froscher, Adolph
†Johnson Wm. (Large)
†Wolf, H. J.
HOMER—Greeley, J. D.
McWhorter, Lafayette
Stingle, Jacob
HOPEDALE—Bates, John
McQueen Bros.
Zipf, Ferdinand
HUTSONVILLE—Rush, James
ILLIOPOLIS—Belting, Theodore
Hays, Clay
IPAVA—Kinsey, Wm.
IRVING—Harkey, J. C.
King, J. A.
Redmond, Augustus
JACKSONVILLE—†Bowen, John W., 1122 S Clay av
†Buckingham, James W., 451 E College av
†Dunavan, Jesse J., 952 S Hardin av
†Fornandes Bros., North Pine st
†Gonsalves, R. L.
†Kastrup, Peter
†McCullough, Wm., 323 N East
†Meyers, Jeptha W., 415 W Lafayette
†Nagle, J. Fred, 718 N Main
†Ragsdale, Benj. F., 343 E Morgan
Star Mills Mfg. Co.
Stewart, Frank, 222 S Church
†Vanconsellos & Govela, West Court st
†Van Houten & Coray, 226 W Morgan
†Wood & Montgomery, 420 S Church
JANESVILLE—Coon, F.
JERSEYVILLE—†Clark, R. H.
Derby, H. C.
Fuchs, Nick
Leak, Henry C.
Malott, J. S.
Powelll, John
Snyder, C. R.
Van Pelt, W. S.
JOLIET—†Bannon, P. R., 605 N Joliet
Boyd, J. A., 813 3d av
†Bryant, W. H., 318 W Marion
†Burlingame, H. R., 606 Jefferson
Dahlen, J. R., 108 Van Buren
Dippel, Chas., 108 Spruce slip
Dumjahn, N., B'way n Moran
Fisher, O. A., 113 Gardner
†Fox, F. A., 111 Virginia
Holberg, C., 200 Henry av
Johnson, C. P., Maple n Elmwood
†Johnson, F. R., 618 Jefferson
Korzilius, J. P., N Hickory n Hutchins
Love, Jas. W., 1 Jefferson
Lundstrum, A., 114 Akin av
Moyer, L., 109 Cass
†Pease, S. B., 210 Campbell
Roland, R. M., 613 Water
Seeby, John, 702 Oneida
†Smith, C. J., 801 Collins
Stevens, W. D., 204 Hobbs av
Taylor, J. W. & G. W., 409 N Joliet
†Thayer, C. H., 209 Campbell
Wagner, Peter, 821 Clay
Walker, J. W., 317 N Joliet
†Watson, A. G., 1226 Benton
Webb, G. F., Florence, 3 E Maple
†Welsh, R. T., Linden av, 2 E Richards
KANKAKEE—Alberts, M., Jr.
Belgard, A. A.
Green & Keeble
†Harrop, Seth
Paulissen, J. P.
†Smith, W. H.
KANSAS—Rowles, Zachariah
Spates, Minor
KEITHSBURG—Dorse, Freeman
Haupt, James
Kauffman, J. J.
Pinkerton, J. S.
KEWANEE—†Anderson, Swan A.
†Eklund, Henry
†Granquist, Nels
†Gutschlag & Tesche
†Heaps, E. T.
†Neville, W. A. (Large)
†Parker, E. T.
White, J. N.
KILBOURN—Beck, Wm.
Daniel, Geo.
Pulling, Geo.
KIRKLAND—†Benson & Buckman
KIRKWOOD—Sweager, Sam'l
Weaver, Geo.
Wolff & Yoeman
KNOXVILLE—†Funk, David
LADD—Efener, Monroe
Frost, Peter
Risley, F. O.
Weissenburger, A. H.
Wilson, E. W.
LA GRANGE—Anderson, Elias
†Anson & Holman (Large)
Assheim, Carl
Kelley & Nelson
Le Berge, Wm.
Nyler & Paulsen
Nystrom, Nels
Wright, Harry
Wright, M. S.
LA HARPE—Randall, Chas.
Sights, C. B.
LAKE CREEK—Nail, B. K.
Pike, W. P.
LAKE FOREST—Nelson, Lars
Pratt, C. C.
LAKE VILLA—Bain, Smith
Gibson, A.
Hamlin, B.
Kingsley, Wm.
Strang, G.
LAMOILLE—†Wagoner, Fred
LA SALLE—Hoffman, Henry
†Noonan, Jno. F.
†Sheeney, F. J.
Weller, Nelson J.
LAWRENCEVILLE—Struble, J. C.
Struble, J. N.
Swineheart, J. O.
LEBANON—Gedney, J. S.
Mills, Robert
Robinson, C. L.
LELAND—Mosner, John
Simonson, Halvor
LE ROY—Buckler, I. E.
Kaufman & Patterson
†Simpson, G. W.
Wamsley, C. H.
LEWISTOWN—Ashley & Redebaugh
Chase, M. E.
Keeny & Cozine
LEXINGTON—Arbogast, B. F.
Burns, Jacob
Hurst Bros.
Montgomery, Larken
Skelly, William
LIBERTYVILLE—†Corlett, Thomas (Large)
Gleason, I. S.
LINCOLN—Awe, Christian
†Hoyle, W. F. (Large)
†Hungerford, W. (Large)
†Simpson, J. A. (Large)
†Walker Bros.
LITCHFIELD—Bellamy & Christie
Wilton & Pierce
LOAMI—Greer, James
LOCKPORT—Blaesing, Frank
Morton, W. S.
Rowe, William
Ryan & Sullivan
LOMBARD—Koerber, August
LONG CREEK—Lindsey, Martin
LONG POINT—Hueston, J. C.
Swain, F.
†Wolff, T. S.
Zeilman, Aaron
LOSTANT—†Comisky, T. F.
LOUISVILLE—Jones & Wood
M'HENRY—Freund, P. J.
Howe, E. W.
Woodburn, David
M'LEAN—Arnold, W. C.
Barnes, W. J.
M'LEANSBORO—Adams, J. T.
Hoffmann, George.
Hyatt, Peter
McGee, J. H.
Sloan & Cottrall
Stone, N. M.
MACKINAW—Brown, P. C.
Parmalee, Lucius
Smith & Hittle
MACOMB—†Fuhr, J. H.
†Gamage, Jos. S. (Large)
Gamage, Jos. (also Lumber)
Holmes, W. B.
Tiernan, P. H.
MACON—Balbridge, J. C.
Peter, J. D.
Shaw, Leroy
MADISON—Beale, J. H.
MAHOMET—Cummings, T. M.
Tanner, J. W.
MALTO—Claxton, David
Madden Joseph
MANSFIELD—Davis & Darst
MANTENO—Hubert, Oliver
Hubert, Oliver
Peters, M. R.
Stocksdale, Elisha
MARINE—Nicollerat Louis
Schirmer, Charles
MARISSA—Elder, A. C.
Hening, A. A.
Nixon, George
Wylie, W. W.
MAROA—†Potter & Sons
†Waller, J. M.
MARSEILLES—†Howard, J. M.
†Moore, George
†Thurber, J. M.
MARSHALL—Archer, J. M.
Ite, William
Quick, S. D.
†Thompson & Hurst (also Planing Mill)
MARTINSVILLE—Deahl, John & Son
MASCOUTAH—†Pfeifer, Phil., Sr.
†Schubkegel, Emil
MASON CITY—Hudson, J. D.
Snyder, John
Wharran & Skadden
MATTOON—Ballard, George B.
Ellis, G. S.
Kinser, W. L. & Son
McCleary, William A.
MAYWOOD—Houts, G. B.
MELROSE PARK—Benson, E. W.
MELVIN—McLain & Williams
MENDON—Clair, Charles
Nutt, D.
Rosenbrood, Addison
MENDOTA—†Brown, L. T.
Gutknecht, G.
†Zalpher, Henry
MEREDOSIA—Faddis, E.
Gilliland, G. W.
Moves, Royal
METAMORA—Martin, A. J.
Rohman, Frank
Schneider, Joseph
METROPOLIS CITY—Houts, Geo. B.
†Houts, W. T.
O'Brien, P. C.
†Roberts, W. H.
MILAN—†Thompson, Fredk. E.
MILLERSBURGH—Wakeland, W. W.
MILL SHOALS—Case, Joseph
Upton, J. H.
MILLSTADT—Bange, Abert
Dohrman, Charles
Dohrman, Henry
Dohrman, Henry, Jr.
Dohrman, John
Knocke, Jr., Henry
MINERAL—Runnels, J.
Stone, H.
MINIER—McLong, S. W.
Smith, Samuel
MINONK—†Tucker, F. J.
MOLINE—Allmendinger, Fredk., E Moline
†Berg, Jno. A., 1203 7th av
Boggs, Frank J., 1436 23d
†Carlson, Oscar E., 1014 18th av
†Coburn, Jno. H., 1630½ 3d av
†Cook, Geo. W., 2418 4th av
†Craig, Wm. N., 622 17th
†Daebelliehn, Wm. P., 518 15th av
†Denhart, A. Henry, 1837 23d

†De St. Croix, James, 1032 27th av
†Freeland, Geo. W., 1731 12th av
†Gripp, C. Fredk., 1319 16th av
†Gust, Ed., 406 3d av
†Hammerquist, A. Ludwig, 510 5th av
†Hink, Chas. W., 138 6th av
†Holmesberg, Nels, 1621 12th
†Lee, George, 728 16th
†Lundquist, A. P., 150 4th av
†North, Chas. C., 816 16th
†Peterson, Peter, 1209 12th av
†Pierce & Lundquist, 418 3d
†Safe, August, 1813 16th av
†Schaible, J. Austin, 2206 5th av
Wilcox & Crane, 1433 24th av

MONMOUTH—Ahlstrand, Robert
Barnes, C. L.
†Davis, Geo. B.
Hay, Chas. H. (also Planing Mill)
†Logan, Jno. M.
†Watson & Son
†Wood, Jno. S.
Wilson, O. D.

MONROE CENTER—†Wagner, L. S.

MONROE CITY—Berger, Nicholas

MORGAN PARK—Blood Bros.

MORRIS—Megurn, Wm.
Morrall, Chas.
Stoneback, J. M.
Taylor, H. A.

MORRISON—†Anderson, James
Beattie, J. J.
Nelson, Christian
Reiske, Henry
Ruthrauff, Upton
Smith, J. H.
Trombly, H. M.

MORRISONVILLE—Green Bros.
Kelso, O. A. & Son

MORTON—†Van Dyke, Samuel

MOUND CITY—Harris, D. D.

MT. CARMEL—Guenther, Wm.
Hawkins, David
Jones & Veith
Maser & Sturman
Murray Bros.
Phillips, Francis
Redman, Wm.
Rice, W. M.
†Rosenbarger, P. H.
Worth, Peter

MT. CARROLL—Rinedollar, J. C.
Sisler, L. E.

MT. MORRIS—Canode, A. E.
Doward, A. M.
Rine, Benj.
Stewart, John

MT. PULASKI—Erlenbusch, Wm.
Snyder & Ralsten
Weiler, Fredk.

MT. STERLING—Herbster, Louis
Hicks, C. R.
†House, M. D.
†Shonen, E.

MT. VERNON—†Allen, D.
†Burnett, C. E.
†Carr, W. A.
†Casey, W. B.
†Cowger, W. A.
†Johnson, G. D.
†McKilvey, Jno.
†Thompson, W. G.

MOWEAQUA—Curtiss & Brooks
Pound, R. C.
Riley, Samuel
Stine, R. M.

MULBERRY GROVE—Jones & Co.
Rodecker, J. W.
Stout, Danl.
Stout, Wm.

MURPHYSBORO—Blackwood, Isaac
Bowser, A. C.
Craine, J. E.
Cummings, Joseph
Davis, Reuben
Farrell, F. M.
Kennedy, Jr., Geo.
Stradley, Edwd.

NASHVILLE—Burnett, Amos
Stocker, C. A.

NAUVOO—Blumen, Charles
Dachroth Bros.
Dachroth, Wm.

NEPONSET—Baker, G. W.
Dix, S. C.

NEW ATHENS—Hentzschel, Bernard
Ruester, Peter

NEW BOSTON—Merrell, Wm.
Stevens, Edward

NEWMAN—Norris, J. A.
Brown, N. W. & Son
Vermillion, Wm.

NEWTON—Prichard, D. M.
Rentz & Reisner
Wilson, J. A.

NIANTIC—Durlinger, B. W.
Smith, G. W.
Seelig, A.

NOBLE—Preble, Jesse
Skelton, L. G.
Utley, R. W.

NORMAL—Elder, Frank F.
Huffington, R. M.
Metcalf, E. J.
Rankin, T. Richard
Stephenson, George
Wheeler, Lee A.
Wheeler, Jas. A.

NORRIS CITY—Carroll & Riley
Floyd, G. W.
Harpe, C.
Parkhurst, A. S.
Riley, Lowry

NORTH ALTON—Jungck, Jacob

NUNDA—Bryant, Fred.
Darby, John
Grover, Leartes
Shales, Alva
Truax, C. H.

OAKLAND—Childress Bros.
Dunseth, J. A. & A. A.
Sutton, J. L.

OAK PARK—Krogman Bros.
Wood, M. E.

ODEL—Gordon, C. B.
Mattison, C. R.
Puffer, R. R.
Zweivel, Fred.

OLNEY—Dorman, J. H.
Massey, W. D.
Schaar, John

ONEIDA—Higgins, O. L.

OQUAWKA—Baily, Henry
Essex, Swanson
Sherwood, Stephen

OREGON—Arnup, Charles
Grassaeckle, Chas.
Newcomer, Wm.
†Waldie, Jno & Son

OSWEGO—Richards, T. C. & Sons
Schamp, G. R.
Schwartz, Gotfried
Van Evra, R. R.

OTTAWA—†Colwell, T. & H.
Cooley, J. R.
Jeffery, W. A.
Grover, L. F.
Keith, F. J.
Miller, J. F.
Pyle, W. F.
†Sanders Bros. Mfg. Co.
Sinnott, Jno.
†Stewart, W. K.
Weiss, F. J.

PALESTINE—Alexander, T. C.
Carbon, A. B.
Hughes, George

PALMYRA—Mahan, J. H.
Owen, W. E.
West, Wm.

PANA—†Fagan, Charles
Neeley, J. E.
Nutt, R. M.

PARIS—Gingerich, J. S.
Gingerich, J. S.
Koontz, O. N.
Newman, H. B.

PAW PAW—Abbott & Shay

PAXTON—Bishop, G. W.
Roberts & Darlington

PECATONICA—Kyan, John
Strunks, Peter
Thorne, W. H.

PEKIN—†Conklin-Hippen & Reuling Co. (Large)
†Handbury, J. D.
†Zimmer, E. & Co.

PEORIA—†Abbey, John W., 729 E Virginia
†Allen, Thos. B., 312 Garden
†Allen, William M. (Large), 532 Woolner bldg
†Arscott, James, 815 Main
†Barfield, Wellington, 2801 Knoxville av
†Bartels, John, 371 Moss av
Bath, Jos. W., 100 Gale av
Becker, Nicholas, 226 E Armstrong av
Bell, Harrison, 411 Fulton
Bell, Thos. R., 203 Albion
Benson, Walter F., 1203 4th av
Brauer, John W., 1918 S Adams
†Bristol, J. H., 1114 Seventh av
Brockett, Loyal M., 408 Springdale
†Brons, Henry, 621 1st av
Christianson, Christian, 218 May
Cole, Edwin G., 117 S Bourland
†Coleman, Albert & Son, 508 5th av
Coleman, Isaac, 802 E Nebraska av
Coleman, W. H. Contracting Co., 105 N Glendale av
Comegys, Samuel C., 625 N Adams
Cox, Wm. W., 504 Gale av
Crandell, Isaac W., 115 Van Buren
Davidson, John, 1216 N Monroe
†De Weerth, Henry, 413 Butler
Dillon & Pierson, 508 Bestor av
Edwards, Abraham C., 219 Illinois av
†Fardon Bros., 111 N Glendale av
†Flinn, John L. (Large), 124 S Washington
Griffith & Hargrave, Bartonville
†Harbers & Sons, 900 Fisher
†Harmon, Patrick W., 1205 N Madison av
Hartwig, Jno M., 119 Smyth
†Hasbrouck, Frank B., 323 Ellis
†Herweg, George C., 822 1st av
†Herweg, Jos. F., 1202 2d av
†Hosselton, Henry F., 517 Franklin
†Houghton Bros., 110 Fredonia av
Houlihan & Wood, 919 6th av
†Iben, Richard, 201 Butler
†Jacobs, Emil, 419 Butler
Janssen, G. & Sons, 230 Dechmann av
†Jobst, Jacob J., Masonic Temple
†Jobst, Valentine & Sons (Large), 223 S Adams
Johnson Bros., 713 Morton
†King, John F., 801 4th av
†Kinney, Henry J., 204 Indiana av
†Langton, Michael F., 601 4th av
League, William A., 104 N Adams
†Littlefield, R. C., 313 S Underhill
Linsley, Noah E., 121 Maywood av
Lipman, Chas. F., 416 Barker av
†Meints, Fred (Largs), 416 2d av
†Melzer, J., 1600 1st av
Miller, Joseph & Sons (Large), 530 S Washington
Nystrom Bros., 216 Gilbert av
Peoria Co-Operative Contracting & Building Co., Woolner bldg
†Powers, John L., 207 Lydia av
†Schnebly, Joseph K., 612 Pennsylvania av
†Seehaas, William F., 926 Main
†Siefert, Frederick, 205 N Glendale av
†Sutter, Charles J., 701 2d av
Spickerman & Jordan, 810 Main
Steen, Jno. W., 405 Behrends
Swords, Wm., 132 N Underhill
Thielbar & Spring, 3706 N Madison av
Thompson & Case, Masonic Temple bldg
Todhunter & Alfs, 210 Walnut
†Voss, John, 241 Charlotte
Waugh, Edward F., 119 S Jeffn
Weisenhorn, Leopold, 101 Vine
Whalen, Jno. R., City Hall
Woods, Giberson V. Co., 430 Main
†Yeager, Herman, 407 President
Zeitz, F. F., 332 New

PERRY—Allen, Chas.
Hulet, J. R.
Mayo Bros.
Reed, J. A.

PERU—Fischer, Hy. I., Schuyler n 4th
†Koehler, Fredk.
†Maze, W. H. & Co.
†Utz & Snerber, 5th n Peoria

PETERSBURGH—Carver, J. W.
Gibbs, R. C.
Gibbs & Richter
Hatsett, Philip
Morris & Freese

PINCKNEYVILLE—Funk, John
Gieser, Adam
Geiser, Philip
Gosney, T. H.
Ritter, George
Schilling, Joseph
Schneider, Mathew
Wilson, W. G.

PITTSFIELD—Kibler, N. & Son
Mills, G. & Son
Murphy, James

PLYMOUTH—Fallin, Eden
Fallin, Frank
Morrison, R. W.

POLO—Adams, Stephen
Hiberger, Salatho
Mathewson, Richard

PONTIAC—Hayes, Geo.
Mathewson, Wm.
Van Doren, W. T.

PRAIRIE CITY—Betts, Alexander
Phillips, Heslip

PRINCETON—Berry & Denel
Johnson, A. F.
Stein, Henry
Winter, W. M.

PRINCEVILLE—Benjamin, R. J.
Moffatt, A. C.
Potts, D. M.

PROPHETSTOWN—Baldwin, C. H.
Dailey, H. M.
Fenn, G. N.

Kellogg Bros.
Marvel, Earl
Paddock, Elbridge
QUINCY—Austin, Jno. L., 119 N 6th av
Brinks, Henry, 517 N 16th
†Buerkin & Kaempen (Large), 6th c State
Dieker, G. H., 916 Jersey
Dunker, Jos., 910 N 11th
†Durfee, Edwin J., 1004 B'way
†Fick, Adam, 416 S 10th
Knuf, Bernard, 1318 Oak
Koetters, A. G., 729 N 10th
Laaker, H. W., 920 S 11th
Lange & Lux, 813 S 11th
†Meyer, Peter H., Ohio, c 8th
†Moeller, J. Adam, 1723 Oak
†Reid, V. Geo., 1109 Payson av
Roehl & Siebert, 2116 Lind
†Schatsick Baecker Building Co., 1405 Ohio
†Schenk, Henry, 326 S 9th
†Schmits, Jno., 1023 Spring
Schmitts, Geo., 11th & Cedar
†Schullan, Baltas, 1119 Jersey
Schutte & Co., 1218 S 9th
Thesen, August G., 1436 State
†Thesen, Fred., 520 S 14th
Wensing, Henry F., 115 S 9th
RAMSEY—Hess, H. P.
Potter, Allie
RANDALL—McCain, James
RANTOUL—Mencley, P. H.
Sands, Peter
RED BUD—Draogge, Herman
Ratherdt & Hugh
RIDGE FARM—Craven, H. B.
Gilkinson, H. F.
Pribble, F. M.
Reece, Clarkson
Turpin, Richard
RIDGEWAY—Bozarth, R. T.
Hemphill, W. P.
RIVERSIDE—Hallam, C. A.
Toan, W. C.
RIVERTON—Rogers, Richard
Runkels, Samuel
ROANOKE—Cox, Edward
Fisher, J. N.
ROCHELLE—Cadwell, F. E.
Steele, J. R.
ROCKBRIDGE—†Dawson, N. J.
ROCK FALLS—Gettle, A. J.
Jensen, L. P.
ROCKFORD—†Clarke, Wm., 825 N Winnebago
†Cook, Wm. H. (Large), 401 S Court
†Clikeman, S. D., 821 Maple
†Holm, Gust. (Factory & Mill), 1604 4th
Keyt, W. A., 1021 Peach
†Lyddon, Benj. A., 1229 Preston
†Lyddon, B. R., 1713 Chestnut
†Monteith, Johnston W. (Large), 117 N Court
†Morgan, Wm. A., 407 Salem
Norcross, I. M., 319 S Main
†Pearce Bros., 1724 Chestnut
†Reitsch Bros. (Large), 702 N Horsman
†Remsburg, H. P., 115 N 3d
Shaw, Warad, 622 N 3d
Shouler, Chas. T., 508 N Avon
Shouler, W. E., 504 N Avon
†Thornton, Geo. J., 620 Whitman
ROCK ISLAND—†Allam, Lewis W., 1909 4th av
†Anderson, Aaron, 1209 8th av
†Archer, Martin V., 2606 5th av
†Bailey, Wm. E., 1528 9th av
†Battles, Morris W., 729 17th
†Bick, George, 1234 38th
†Bleuer, John, 737 17th
†Collins Bros., 420 16th
†Dunlap, Benj., Milan rd, S. R. I.
†Fredericksen, Matthew, 1410 7th av
†Guthrie & Sievers, 750 15th
†Hammerquist, Gustav K., 431 5th
†Heidemann & Schroeder, 801 9th av
†Horst, H. W. (Large), 2127 4th av
†Hudson, Robt. G., 1700 1st av
†Konosky, Jno H., 2828 5½ av
†Nelson, Albert E., 808 42d
†Peterson, Andrew, 4425 6th av
†Ralston, Hugh, 421 2d
†Schnell, Matthias, 1818 4th av
†Spilger, John, 811 3d av
†Tappendorf, Henry, 1818 4th av
†Town, Chas., 406 5th
†Trenkenschuh, Peter F., 732 18th
†Tri-City Cons. Co., 2422 7th av
†Volk, John & Co. (Large), 311 18th
ROCKTON—Eley, F.
Kolker, J.
Ripley, B. T.
ROSEVILLE—Rockus, Geo. & Son
Lathrop, J. T.
Lehon, T. B. & Son
McCammon, Geo.
White, G. R.
RUSHVILLE—Pelton, A. F.
Riley, W. O.
Webster, J. L.
†Whitson, G. A.
RUTLAND—Sutton & Son
Wise Bros.
ST. CHARLES—Alexander, F. L.
Colson & Bagley
De Long, Alcenes
Munn, Wm.
Welch, Geo.
ST. ELMO—Griffith, H.
Griffith, W.
Smith, J. N.
ST. FRANCISVILLE—Peck, J. D.
Ravalette, Lucian
ST. JACOB—Buehlmann & Blumer
Hoell, Casper
Piastack, Wm.
SANDOVAL—Dodds, J. A.
Rudick, Alex.
Spicer, Robert
SANDWICH—Ahrens & Humiston
SAYBROOK—Grayson, Joshua
SHANNON—Stevens, Frank
SHAWNEETOWN—Karcher & Scanland
Peeples, G. R.
Rowson, John
SHEFFIELD—Healey, Edward
Morrison, Wm.
Owens, T. H.
SOUTH ELGIN—Bogue, A. J.
Cree, Wm.
Guptail, Wm.
Shepherd, E. W.
SOUTH HOLLAND—Fresmer, Jacob
Gronenveld, K.
Polender, John
Van Druner, John
Van Kalken, Brunno
SPRINGFIELD—†Barrick, Geo. L., 814 N 7th
Bettinghouse, H. & Son, 113 N 2d
†Black, Chas. W., 1219 N 3d
†Burns, C. E., 829 N Grand av
†De Vares, D. A., 907 N 9th
†Flesch, R. B., c Monroe & 3d
Garber, Jno. A., 717 S Glenwood av
†Gehlman, Fredk. (Large), 219 S 3d
Harbison, Wm. H., 1209 S 9th
†Hayes, John C., 628 S 9th
†Howard, Wm. M., Cedar Lake rd
Lewis, A. P., 1331 S Grand av
McKee, Simson, 1215 E Jefferson
†Mayhew, Wm. (Large), 123 E Monroe
†Nelch, Philip, 208 N Grand av
†Ohlson, N. S., 821 N 4th
†Redeker, Otto, 1134 S 1st
†Ritter, N., 1143 N 3d
†Sadler & Boyd, 725 N 9th
†Seward, Chas. H., 554 W Cassidy
†Whippel, Isaac C., 1709 S 6th
Winter & Sime, 115 N 17th
SPRING VALLEY—Barber, Edward
Huss, J. R.
Moir, Thomas
STANFORD—Phillips, Edgar
Sinks, Daniel
STAUNTON—†Hackman, Henry
Witte, Henry
STERLING—Capp, Jas.
Getz Bros.
†Hess, Eli C.
Llewellyn, David R.
Meyers & Roberts
Walz, Chas.
STEWARDSON—Goff, Sampson
Lowry, Scott
McDonald, T. H.
Walker, R. & Son
STOCKTON—Shroeder Bros.
Trude, J. W.
STREATOR—†Davidson, J. M. & Son
†Schlachter, Philip, Jr.
†Schmid, Geo. A. (Large)
SUMMIT—Allison, J. T.
Allison, R. J.
SUMNER—Baird, A. S. & Son
Mullinax, James
Sheik & Allen
SYCAMORE—Anderson, A. W.
†Klyver, Fred.
†Linguist, Jno.
Palmer, A.
†Quist, Saml.
Tischouser, Jno.
TAMPICO—Kemp, Joseph
Metcalf, Wm.
TAYLORVILLE—Anderson, John
Cotton, John
Rape, P. C.
Slatten, James
TOLONO—Darrah, J. W.
Ernst, John
Johns, C. W.
TOULON—†Dickinson, Robt. J.
TOWER HILL—Partlow, G. B.
TROY—Donoho, C. S.
Peterman, John
Seybold, J. M.
Williamson, Robert
TUSCOLA—†Bruhn, John (& Planing Mill)
Busby, A. J.
Goehring, Samuel
Phinney, J. C.
UPPER ALTON—†Clark, M. H.
†McMahon, J.
†Swisher, J. T.
†Waggoner, L.
URBANA—Curfman & Buchanan
Janx, Frank
Koucher, Martin
Leming, Grant
VERSAILLES—Bates, G. W.
VENICE—Merritt, B. V.
VIENNA—Clymer & Milkey
Hall, James
Perkins & Bellemey
Sutliff & Bellemey
VIOLA—Beard, Isaac
Gilbert, John
VIRDEN—Becker & Sons
Crawford & Long
Speickerman, Jacob
VIRGINIA—Clifford, James
Crews, T. M.
Kirkendall, W. V.
Plummer & Mitchell
Rayburn & Hurst
Russell & Shaffer
WALNUT—Kaufman, Snyder
Kerchner Bros.
Wheeler, Napoleon
WARREN—Dick, A. C.
Pepoon, Mortimer
WARSAW—Farstahoff, Charles
Herkes, Peter
Kraushaar, D. H.
Rex, G. W.
Schmidt, Conrad
WASHBURN—Letch, Fitscher & Co.
Sommers, P.
Younger, Lewis
WATAGA—†Merrill, J. H. (also Lumber)
Peterson, P. H.
WATERLOO—Cawi, Ferd.
Dekeke, Frederick
Diemert, Frederick
Diemert, Wm.
Meyer, Louis
Stroehr, Anton
Valk, Philip
WAUKEGAN—†Austin, P. L. & Sons, 808 S Utica
†Brean, Geo. H. & Co., 155 Park av
†Cheever, H. B., 601 Julian
†Fels, C. H., 225 Sheridan rd
†Hendershot, P. F., 113 Edison ct
†Powell, Jno. A., 214 Gillett av
†Rasmusen, N., 908 Belvedere
†Ryckman, Andrew, 219 Hickory
†Sampson, Philip
†Southerland, J. A., 175 Park av
WAYNESVILLE—Brown, Daniel
Buck, Sanford
Jeffrey, F. M.
WENONA—Ludline, H. C.
Wingate, Oliver
Work, R. B.
WESTERN SPRINGS—Beatty, W. H.
Nichols, Frank
WEST LIBERTY—Hughes & Cahill
Johnson & White
WEST SALEM—Miller Bros.
Rhotramel, L. R.
Rominger, R.
Rothrock, E. H.
Walser, H.
WESTVILLE—O'Neal, J. T.
Watson, G. H.
WHEATON—Compton, Daniel
Miller, C. W.
Porter & Ingraham
Welden, S. D.
WILLOW HILL—McNair, J. B.
Terbune, E.
Wiseman, Geo.
WILMETTE—Bauer, Gingel
McDaniel, Charles
WILMINGTON—Christ, R. H.
Holmes, John
WINCHESTER—Butzback, Eustis
Dell, Peter

Hoots, Solomon
Lillie, W. J.
Miller, Henry
Woodington, Joseph
WINDSOR—Gilpin & Tull
WINNETKA—Dennick, H. H.
Schaad, Joseph
WOODHULL—Gillett, Arthur
Paden, C. J.
WOODSTOCK—Belcher, A. C.
Matheny, J. M.
Vaughn, H. M.
WORDEN—Honerkamp, A.
WYANET—Allen, Chester
WYOMING—Jones, David
†Wolfe, A. D.

INDIANA.

ALBION—†Barcus, W. M.
†Frazure, Alex.
†Snider, Hy.
ALEXANDRIA—†Hughes, S. E.
†Jones, Thos. H.
†McGuire, Jas.
†Steinover, Daniel
ANDERSON—†Austin, Thos. C., 99 W 12th
†Babcock, Jacob D., 447 S. Jackson
†Eshelman & Kaufman (Large)
†Gill, R. M., 114 W 6th
†Klus, Lawrence
†Marsh, Wm. R., 134 W 4th
†Millspaugh, Peter B., 156 W 5th
†Thompson, Wm. E., 52 W 7th
†Voris, Geo. W., 265 W 3d
†Wright, W. B. & Son, 6th & Union av P. P.
ANDREWS—Baker, Joseph
Lambert, H. H.
Lambert, H. M.
Lyons, J. J.
ANGOLA—†Finch, Gid.
†Finch, Jas.
†Maxwell, W. H.
†Miller, Samuel
†Mugg, Chas.
†Stayner, W. A.
†Wells, Friend
AUBURN—Buss, Samuel
Kring, F. H.
Shearer, Solomon
Weaver, John
AURORA—Baker, Charles
Blake, Joseph
BATESVILLE—Meyer, J. & Bro.
BERN—†Baumgartner
BICKNELL—Bicknell, Thomas
Peck, L. A.
BLOOMFIELD—Leavitt, J. D.
Lee, Wm.
Wilson, D. A.
BLOOMINGTON—†Bray, Samuel
†Cooper & Ransome
†Curry, S. C.
†Griffey & Walker
†Groah, Frank
†Robinson, Alex.
BOONVILLE—Roth, W. J.
Wilkerson & Lowe
BOURBON—Perkins, A. B.
Sharley, John
BRAZIL—Diel, Henry
†Smith, Edw. W. (Large)
†Stonehart, A. F.
BREMEN—†Schlemmer, Wm.
†Snyder, D. S.
†Winna, Chas.
BROOKSTON—Bross, John
Ramey, M. C.
BROOKVILLE—Cleaver, Jno.
Peters, Frank
Ratz, Leonard
†Riedman, Fred.
BROWNSBURG—Duncan, A. J.
Gray, L. W.
Johnson, David
Walker, C. W.
BROWNSTOWN—†Ball, Wm.
†Clark Bros.
†Hancock & Son
†Rhinehardt Bros.
†Snider, Jno. W.
BUTLER—Funk, J. J.
CAMBRIDGE CITY—Mickle, John R.
CANNELTON—Hafele, C. H.
Pochlein, Frederick
CARBON—Petty, J. H.
Robins, A.
Staples, R. G.
CAYUGA—Jewel & Day
CENTERVILLE—Beck, John W.
Shank Bros.
CHURUBUSCO—McCullough, John
CICERO—Chaney, Nathan
Oberliess, O. O.
Shaul, J. M. & Son
CLAY CITY—Cooprider, A. J.
Cooprider, Z.
Davis, Chas.
Moyer, Eli
Shaffer, Jno. G.
Steiner, Wm.
CLAYTON—Harper, Charles
Huffard David
Smith, John
Willis, D. B.
CLINTON—†Martin, W. A. Co.
†Morgan, O. P. & Son
Ringo, E. H.
COLFAX—Bliss, S. E.
Reams, J. D.
Tankersley, G. W.
COLUMBUS—†Caldwell & Drake (Large)
Hilderbrand, Joseph
Pond, C. H.
Torbet, Nelson
Wallace, Jeremiah
COLUMBUS—†Caldwell & Drake
Dunlap & Co.
†Hege & Co.
†McCormick, P. H. & Co.
CONNERSVILLE—Dawn, Reatly & Co.
†Enos, E. A. & Co.
Hamilton, James
†Ready & Showalter
†Sparks & Disbury
Stoops, Thos.
CORYDON—Hughes, Armstrong
Feller, Gid.
Mower, Ephraim
COVINGTON—†Brown, Chas.
†Hull, Marion
Martin Julian
†Rabb, Geo.
†Williams, Geo.
CRAWFORDSVILLE—Bishop, J. M.
Buffington, Taylor
Craig, T. H.
Devine, David
Duckworth, J. C.
Griffith, E. C.
Jackson, W. H.
Jones, D. .
Miller, Abraham
Wert, Martin
DALE—Brown, Albert
Hatter, Nicholas
DANVILLE—Acton, George
Bousmann, William
DELPHI—Pickard, B. S.
Sterling, Henry
Sterling, John
EAST CHICAGO—Loucks, L. T.
Pepen, J. C.
Spaulding, C. H.
EATON—†Cole, Chas.
†Haynes & Luckey
†McClain, Lemon
†Witamyer & Collins
Younce, Andrew
EDINBURG—Downes, William
Johnson, Dickerson
McLain, J. D.
Pate, Henry
EDWARDSPORT—Hurst, Nelson
McGaughey, Thomas
Shively, T. J.
ELBERFELD—†Erdman & Lockmiller
†Schnell & Son
ELKHART—Alfred, Melvin Z., 117 Pacific
Bostwick, Thomas J., 133 E. Franklin
Hall, Edw.
Kistner & Son
Newman Bros.
Hunter, David W., 302 S. Main
ELWOOD—†Donge, L. Thomas Fremont
Hicks, W. R.
O'Brien, P. T.
EVANSVILLE—Anderson, J. R., 510 U 8th
†Bippus, Jacob J., 116 E Illinois
Boehne, G. Henry, 1425 E Mich
Bohrer, Wm., 1108 E Delaware
Budke, August W., 1505 E Virginia
†Butsch, Philip, 1060 Cherry
†Cottage Building Co. (Large)
Gearing, Philip, 1221 E Delaware
Gleichman & Wills, 201 Oakley
Harrel, J. M., 110 E High
†Hoffman, B. F., 710 Harriot
Hoffman, Mich'l J., 401 Mary
†Kanzler, Christ & Son, 917 E Illinois
Kirves, Chas. F., 2110 Main
Koch, John, 1457 Law av
Kullman, Jno. V., 2103 Main
Lockyear, Chas., 1221 E Columbia
Lockyear, Edgar J., 906 E Maryland
McCorkle, Jno. S., 500 W 8th
Melvin, Walter T., 125 Monroe av
Nellis, Jno., 911 S Garvin
Nelson, Jno., 306 Adams av
Roth, Chas., 1028 Vine
Rucker, Claude, 1020 Chandler av
Tate, Geo., 1506 E Missouri
Taylor, Samuel C., 2807 Division
Weiss, Otto, 525 S Garvin
†Weiss, Otto, 525 S Garvin
Wheeler, Chas. H., 1510 E Virginia
FAIRMOUNT—†Baker, J. S.
†Davidson, Nathan
†Hanley, Wm.
†Lindsay, Jas.
†La Rue, Eugene
FARMLAND—Fowler, W. W. & Bro.
Pursley, Willard
FT. BRANCH—Blessing, John
Hamilton, Henry
Welman, John
FT. WAYNE—†Bandt, F. W., 87 W. De Wald
†Bengs, O. F., 175 John
Bock, Wm. C., 35 Swinney av
†Boester, Fred. H., 164 Fairfield av
Borkenstein, B. G., 222 John
†Brooks, Henry C., 269 W De Wald
†Brown, John O., 414 W Main
Culver, J. M., 58 Ferguson
Doenges, Christian, 126 Maumee av
Gallmeier, Wm., 136 Francis
Gerberding, August, 103 Erie
†Grothaltman, H. A., 28 E 4th
†Henry, J. M., 161 W Jefferson
†Hilgemann, Henry, 355 E Lewis
†Herman, J. A., 22 W Woodland av
†Hoffman, H. A., 52 W Creighton av
†Holland, Aug., 394 E Washington
Howrand, Bernard, 107 Swinney av
Kaiser, H. J., 360 E Lewis
†Kinder, Mich'l, 159 7 Taber
†Kinder, Paul B., 98 E Jeff
†Korte & Bruick, 65 Maumee av
Kraft, Fred'k W., 317 Lafayette
Kronmiller, Geo., 38 Koch
Lackey, Albert, 4 Crescent av
Lauer, J. & Son, 226 E Lewis
Le Van, S. P., 19 Archer av
†McMullen, John, 70 Masterson av
†Mains, Geo. W., 45 Grand
Moellering's, Wm. Sons, 53 Murray
Patton, W. S., 58 Brackenridge
Pohlmeyer, F. C., 57 Baker
†Ruchel, Wm., 209 E Lewis
†Schele, August, Wayne Terrace
Shroyer, M. D., 18 Fairmount pl
Smick, Wm. B., 548 E Wayne
†Snook, Tom, 140 Fairfield av
†Springer, Toran, 7 Indiana av
†Suelzer, John, 420 Hanna
Suter, Edward, 507 B'way
Tiemann, F. J., 424 B'way
Trier, Henry, 132 W Superior
†Wagner, John, 341 Webster
†Waida, H. B. & Bro., 87 E Superior (Large)
†Wermuth, C. R., 172 Suttenfield
Wery, Hy., 24 Colerick
†Wehrenberg & Busching, 192 Madison
†Woebbeking, C. C., 195 B'way
†Wolke & Reinking, 24 Jones
FRANCESVILLE—Brenneman, Roy
Lefler, J. B.
Thrasher, Stephen
FRANKFORT—†Barrett, Frank
†Hollick, Chas.
†Palen, Jno.
Leisure, Adam & Son
†Taylor Bros.
GARRETT—†Lige, Walter
†Garrett Lumber Co.
†Wells & Aliman
GAS CITY—†Herron & Coleman
†Straley, Spencer
GOSHEN—Binkley, Elias, 426 Water
Blackburn, Jos., 1065 S Main
Custis, I. W., 410 N Wilden av
Davis, Eli, 1016 S Main
Essig, J. H., 302 N 7th
Gephart, Valentine, 603 E Madison
Isbell, M. F., 601 N Main
Kapp, Geo. G., 509 S Main
Lower, John E., 535 S 3d
Martin, C., 701 E Madison
†Michael, Geo. H., 510 S 10th
†Myers, Jno. D., 608 N Main
Wehmeyer, Geo., 221 N 6th
Winters, Eli, 909 S Main
†Witmer, Henry H., 218 S 7th
Yates, Thomas S., 110 E Jefferson
GREENCASTLE—Callender, Hiram
Callender, Wm.
Graham, Wm.
Nelson, Albert F.

GREENFIELD—Chandler & Rayl
Peck, J. F.
HAGERSTOWN—Thornburg, J. W.
Waltz, Wm.
†Werking & Keagy (Large)
HAMMOND—†Moser, Peter
Parker. W. & S. A.
†Zimmerman, Richard
HARLAN—James, Wm.
Mitchell, George
Zeis & Son
HAZLETON—McGuire, James
Snyder, Peter M.
Thorn, Henry
HEADLEE—Barnes, John
Clorage, Wm. M.
Henshey, E. P.
HEATH—†Whistler, W. L.
HEBRON—Gregg, G. C.
Reif, J.
HELTONVILLE—Cornet, J. W.
Houston, S. R.
Todd, Thomas
HOPE—Miller, J. A.
Rominger, Charles
HUNTINGBURG—Brendle, Jacob
Depot Planing Mill Co.
Heidrick, Emil
Huntingburgh Planing Mill Co.
Partenheimer, Phil.
HUNTINGTON—†Ackerly, D. F.
Arnold, Jacob, 74 Poplar
Hoke, Lincoln
Mitten, L. C.
Romig, L. E.
Shutt, Lewis A.
Smith, W. H.
†Ufhell, Henry
Urschel, C. F.
IDAVILLE—Armstrong, James
Shafer, J. L.
Snyder, D. P.
INDIANAPOLIS—Allen, Jos. C. F., 1607 N Arsenal av
Anderson, Geo., 331 E Market
†Aufderheide, Chas. J., 2917 N Senate av
Baker, Jos. T., 440 N Pine
Barker, Jno. H., 2317 Fairview
†Barnes, C. E., 3524 N Illinois
Barnhill, Jacob W., 342 W Pearl
Beard, Alvin G., 2726 Ashland av
†Beermann, August, 402 Dunlop
†Beermann, Louis, 1032 Davis
†Bender, Conrad, Majestic bldg
Bertels, Geo., 2118 Appelgate
Bock, Christian, 912 N East
†Brandt, Hy. F., 1146 Linden
Brinkmann, Fredk, 1107 N Keystone av
†Bronson, Jas. E., 2113 Parker av
Bryant, Wm. E., 12 Euclid av
Buck, C. C., 1212 W 25th (N. I.)
Campbell, E. J., 925 Spruce
Cauldwell, Edw. H., 1027 Ashland av
†Cash, Richard M., 40 E Washn
Clark, Lewis A., 1451 Blaine av
†Clements, Geo., 1254 Madison av
Cloud, D. T., 446 Virginia av
†Cochran, Wm. A., 1224 Union
†Conarroe, I. J., 1612 N Senate av
†Cotton, M. M., 23 S Tuxedo
Cox Bros., 1321 Ketcham
†Craig, Edw. J., 611 Hudson
†Cronkhite, A. B., 20 W Mich
Daupert, Geo. H., 736 King av
Davis, H. L., 2224 Kenwood av
Decamp Bros., 2367 N Olney
†Dollman, Henry, 146 E Market
†Dorrah, David S., 1417 Ottawa
Drager, C. P., 1017 St. Peter
Dunn Bros., 2305 W Michigan
Ellig, Albert, 237 S East
†Fessler, John, 3447 N Illinois
Foltz, Jesse, 2918 Jackson
Fontaine, M. Willard, 218 Walcott
Frank, D. W., 1147 Bates
Gentry, Jos. S., 617 Ft. Wayne av
Gisler, Jno. U., 824 Greer
Grant, Benj. F., 825 Arbor av (W. I.)
Gray, Robt., 114 E St. Clair
†Hamilton, Chas. L., 1411 Spann av
Harris, Chas. E., 1201 Wright
Harris, Geo. W., 1210 Pleasant av
Haverstick & Burnett, 636 E Wash
Henschen, Harry C., State Life bldg
Henschen, Wm. H., 822 Woodlawn av
Hensley, Thos. F., 859 Indiana av
Hiatt, O., 331 N Tacoma av
Hicks, Wm. W., 913 Buchanan
Hollingsworth, Benj. G., 201 N Holmes av
Holman, Jno. H., 2615 N Capitol av
Honecker, Louis C., 13 Palmer
Howard, Chas. W., 1107 N La Salle
Hubbartt, Wm. F., 3811 N Illinois
Hutton & Hill, 752 S State av
†Indianapolis Mfrs. & Carpenters' Union, 201 S New Jersey
Kaiser, Aug., 222 N Adelaide
†Kattau, Wm., 931 Harrison
†Kennedy, C. R., 1629 College av
Kernel, Jos., 308 W Ray
†Kirch, Jacob, 532 Downey
†Kottlowski, Chas. T., 410 S Noble
Kraas, Wm., 311 E Morris
Kring, Jno. L., 1226 N New Jersey
Lakin, Edw. J., 2525 E 18th
Laycock, Chas. F., 707 E McCarty
Lefeber, Daniel L., 1421 E Market
Light, A. F., 2114 Oxford
Lohrmann, Fred, 942 W North
Loucks, Wm. W., 1712 Woodlawn av
Lovett, Chas. H., 1019 S New Jersey
Lowe & Ayres, 37 Denny
Luebking, Wm. F., 324 N State av
McCollum, Wm. M., 619 Terrace av
McFadden, Jas. S., 957 Lexington av
†McLeland, Geo. W., 1203 Sterling
Meyers, Jacob C., 2104 Schurmann av
Michaelis, F., 420 E Merrill
Michaelis, Jno., 1214 N Capitol av
Miller Bros., 333 N Adelaide
Miller, Jas. M., 5840 Lowell av
†Millikan, E. W., 2401 Martindale av
†Millikan, I. W., Law bldg
†Millikan, L. B., 921 Stevenson bldg
Milner, Wm. L., 2426 N Illinois
Mock, Jos., 1665 Ludlow av
†Moon & Whitesell, 215 E 15th
Moore, Chas. F., 1229 W 25th
Moore, Wm., 278 N Addison
†Moorman, Joel H., 408 S Audubon rd
Morgan, S. A., 1056 River av
Myers, Milton S., 2330 N Illinois
Myers, Robt. H., 2018 Katharine
Neal, Jas. A., 27 E Georgia
†Newman, Geo. S., 2430 Martindale av
†Nuerge, Chas. & Co., 1217 E Ohio
O'Banion, J. W., 2208 Martindale av
Overheiser, Jno. P., 1144 Linden
Pauli, Hy., 109 N Davidson
Paxson, A. L., 1145 N Beville av
Pegg, J. M., 1001 English av
†Pence, Geo., 1310 Cornell av
Phillips, Chas. O., 13th & Mineral
Pool, Jas., 124 E Court
Prange, Fredk, 539 S Illinois
Pressly, W. W., 943 S Meridian
Privett, Willis, 2105 Madison av
Rafert, Chas. F., 1141 Nelson
†Ranje, Hy., 838 S Noble
†Reinking, Hy. E. & Son, 1016 E Market
Reisinger, E. E., 2714 E New York
Resener, C. F., 707 N Noble
Richardson, Jas. M., 402 Randolph
†Rule, Thos. J., 1166 Kentucky av (W. I.)
Rubush & Timmerman, 1315 Bellefontaine
Saltmarsh, Wm. L., 1227 Bellefontaine
Schoerhusen, C. H., 911 Sanders
†Scott, David I. & Co., 337 Mass av
†Scott, Samuel, 131 E Market
Scott, W. P., 27 Kentucky av
Scrimsher, J. W., 1411 Ashland av
Secrest, S. P., 720 E Pratt
Sharp, Jno. C., 714 Douglass
†Shover, Jas. E., 219 N Alabama
Sims, Jno. M., 74 N Holmes av
†Sink, H. T., 609 E Michigan
Smith, Frank W., 530 Bell
Smith, Frank W., 303 N Summit
†Smock, Ferd. C. & Co., 211 W Walnut
Sparks, F. M., 1710 Columbia av
Spielhoff, Wm. F., 650 Prospect
Stader, Wm. A., 541 N Keystone av
Standiford, J. C., 2729 Bellefontaine
Stanley, F. P., 2318 N Dearborn (B)
†Stewart, Jno., 1401 Cornell av
Stewart, Jonathan, 628 N East
Stults, J. H., 304 Hamilton av
Suhr, Fredk, 1108 S Illinois
Suhre, H. C., 1232 Yandes
Talbert, Samuel A., 133 W 14th
Thieme, Louis, 646 E Washn
Thomas, Mason, 640 N Blackford
Tice, H. L., 1638 Bellefontaine
Trefz, Wm. J., 1523 Orange
Treher, Jno. H., 2155 N Illinois
Unger, Jeremiah, 1419 Hoyt av
Van Camp, Jno., 1042 Woodlawn av
Vincent, Wm. H., 630 E Washn
†Von Spreckelsen, Jno. A., 722 Highland
Voris, Wm. D., 719 E 16th
Walker, Jno. T., 830 E Morris
Walters, C. F., 1301 E Michigan
Ward, Cary E., 5607 Burgess av (I.)
Weddle, Jos. A., 747 King av
Weesner, B. U., 5710 Rawles av (I.)
Welling, H. C., 207 Walcott
Weybright, David, 1544 W New York
†Weyenberg, P. C., 1101 W New York
Wilson, Isaac, 154 Butler av
Wollenweber, Chas. L., 840 Indiana av
Woods, Jno. W., 1730 N Senate av
Worthington, Robt., 234 E Ohio
Wright, Thos. G., 216 N Summit
IRELAND—Streagle, Andrew
Yates, Albert
Yates, Robert
JAMESTOWN—Camplin, Frank
Oliphant, L. M. & R. A.
JEFFERSONVILLE—Bennett, J. B., 624 Bway
Bennett, Tilford, 212 Walnut
†Brown, Geo., 642 Meigs av
Heyn, C. C., 221 Watt
Hobbs, W. D., 1201 Spring
Howard, H. E., 826 Walnut
Hughes, G. R., 616 W Front
†O'Neil, Thos. F., 128 W. Front
Philips, J. S., 307 Mulberry
Pollock, Henry, 423 E Maple
Stamper, M. D., 1315 Spring
†Young, F. A., 331 Pearl
JONESBORO—Carter, Wilson
Coppack, Calvin
KEMPTON—Dunn, D. D.
Moon, John
Mozingo, Marion
Spence, Fred
Tunis, George
KENDALLVILLE—Bruggeman, John
Cookingham & Hart
Pepple, Philip
Sheffer, Clark
Spotts, John
Willert, Wm.
KINGMAN—Rhubottom, H. D.
Sowers, J. W.
KNOX—Favorite, D. P. & Son
KOKOMO—Armstrong London Co.
†Elmer, Danner
†Goodwine, Louis
†Moore, S. C. & Son
LAFAYETTE—Archibald, Frank S., 1226 Greenbush
Bals, Fred C., 520 N Ninth
Beckman, Adam T., 1438 Alabama
†Boonstra, Jos. D., c 4th & Columbia
Boyer, S. H. P., 722 N 11th
†Brown, George S., 306 Ferry
Buckhardt, Jno., 624 S 15th
Clauser, Sam'l P., 258 Oak (W. L.)
Cors, Adolph, 1523 Alabama
Fleming, Alonzo, 1318 South
Gish, Jacob, 1310 N 12th
Grove, Richard N., 1603 Virginia
Hasty, Chas., 1201 Robert
†Herzog, Adam, 1328 Ferry
Hetrick, Peter, 1221 Greenbush
Irvin, Jno., 707 N 5th
†Johnson & Parker, c 3d & North
†Kessener, Henry J., 113 N 8th
Kilborn, Edw. P., 1317 Union
Levandowski, Peter, 1205 Kossuth
Longenecker, Henry E., 1943 Echo
Memmer, Andrew A., 1311 Richard
†Pfrommer, Geo. J., 514 Central
Schrader, Herman, 1419 N 16th
Sharp, Wm. U., 340 N Grant (W. L.)
Smalley, Andrew M., 1736 Salem
Southard, Buckner, 1006 N 10th
†Stillwell, W. F.
Toler, Jno. J., 1617 Congress
Wild, Christian F., 113 N 10th
Willis, Jackson W., 820 S 19th
LA FONTAINE—†Lewis, Stephen & Sons
LAPEL—Bennett, A. J.
Huffman, Edward
LA PORTE—Anderson, Charles G., 112 1st
McClure & Son, 808 Madison
LAUREL—Wagner, F. X.
Wilson, Wm. H.
LEAVENWORTH—Conrad, Henry
McIntosh, John J.
Morgan, Nathan N.
LEBANON—Batterton, J. W.
Busby, G. W.
McKey, J. C.
Welch, A. L.
LIBERTY—Roach, Thomas
Sheafer, A. M.
Struble, G. W.
LOGANSPORT—†Barnes, Jno. E. & Son (Large), 28 Front
†Carr, Samuel, 709 North
†Kilborn, Lyman C. J., 320 1-2 5th
Palmer, G. W., 111 Burlington av
†Richardson, Wm. F., 1010 North
†Stalmaker, Winfield, cor Royal Center rd & Fredrick
Stouffer, Oliver J., 407 High
Talbott, M. A. Co.
†Thompson Lumber Co., cor 6th & High
†Talbott, M. A. & Co., Elliott blk
Troutman, Jno. F., 1730 North
Thompson Lumber Co., 6th & High
Walling, Jno. H., Pink & Lobelia
Watkins, Isaac N., 914 16th
Wefel, Jno. W., 129 W Bway

Whitmore, Wm. H., 1516 Spear
Williams, A. S., 703 Michigan av
†Woodling, Reason L., 1507 North

MADISON—Forse, L. D.
Powell, J. E.
Schneider, Pius
White, James

MARENGO—Hiestand, T. S.
Waltz, W. T.
Weathers, D. N.
Weathers, J. M.

MARION—Adams, W. P., 203 S Bronson
†Banks, J. W., 2206 S Selby
†Bay, J. T., Wabash & Spencer avs
†Bowman, C. W., 619 Christy
†Bragg, Hy, 510 E Sherman
Crampton, Isaac J.
†Crampton, T. R.
†Fleenor, J. V., 3512 S Race
†Fether, Dan'l, 1519 W 2d
†Galentine, A. D.
Gordon, Frank
†Gottschall, Franklin
†Knepper, Jacob
†Lawrence, A. E.
Lewis, J. W.
†Link, Wm. N.
†Overman, Barclay J.
†Park, Albert
†Patton & Long (Large)
†Polk, Milton
†Rogers, S. G.
†Watson, Thos. B.
†Woolman, Isaac N.

MARTINSVILLE—Gregory, Milton
Rogers, A. W.
Shank, James

MICHIGAN CITY—Andrew, George, 225 Cedar
Ohmig, Wm., Sr., 120 E 7th

MIDDLETOWN—†Miller, L. O.

MILTON—Ewers, J. G.
White, J. L.

MISHAWAKA—†Burnett, Weidler & Co.
†Kerr, W. Frank
†Lechlitner, Wm.
Moore, David
†Rosewarne, Wm.
†Shearer & Rosewarn

MONROE CITY—Baldwin, A.
Myers, J. A.

MONROEVILLE—Collier, Jacob
Smith, Henry

MOORESVILLE—Comer, Cornelius
Elliott, J. W.
Flower, Samuel
Marine, J. A.

MT. VERNON—Bloomer, Smith
Brown, Edward
Deitz, Philip
Slyde, I. T.
Woody, J. C.

MUNCIE—†Cramer, Edwin M. (Large)
†Glass, L. M.
†Hager, O. J.
†Hedrick, Philip
†Illingsworth, Fred'k (Large)
†Morrow & Morrow (Large)

NAPPANEE—Burback, G. A.

NEW ALBANY—Bradford, L. T., 1510 E Oak
Clemensen, Peter, Union & Olden
Cook, Wm. L., 703 W Market
†Craig, Isaac B. & Son, 1206 Elkin av
†Day, Stephen & Son, 1517 Ekin av
Friend, Isaac B., 121 E Oak
†Goodbub, Charles E., 729 E 6th
Goodbub, C. L., 262 Cherry
†Hicks, Jos. R., 320 Bank
†Kahl, Philip, West & Elm
Kennedy, G. R., 223 Ekin av, S G
Kost, Philip, 1131 Shelby
McNeff, S. C., 309 E Elm
Moss, Geo., 305 Beeler, S G
†Nanus, Jno. A., 310 E Mkt
Neeld, Chas. H., 1143 Beeler
Perry, Jos. & Son, 1217 E Oak
†Sharpe, A. R., 906 Pine

NEWBURGH—Medcalf, G. B.
Shoemaker, Louis

NEW CASTLE—Clawson, Thomas
Elliott, S. H.
Hathaway, Marion
Moore, B. F.
Waltz, Monroe

NEW HARMONY—Beal, Geo.
Davis, J. W.
†Dransfield, Arthur
Hamilton, L. O.
Snelling, Elliott & Elliott, Jr.
Tretheway, J. T.

NEW HAVEN—Hannafeld Bros.
Jacguay, Lemuel

NOBLESVILLE—Durfinger, John
Gray, H. D.
Kiser Bros.

NORTH MADISON—Braham, Edward
Matthews, D.

NORTH MANCHESTER—Clark, T. B.
Jenner, G. W.
Kohser, Chas.
Lautzenhiser, Darius
Smell, Levi
Swank, Dan'l D.
Watts, Frank

NORTH VERNON—McLeod, Sam
Miller, Henry
Miller, Jos.
Rettig, Frank

OAKLAND CITY—Alexander & Gladish

PARAGON—Maddox & Ross
Ross, Absalom

PARKER—Jones, Thomas
Scott, J. H.

PERRYBURG—Losher, S. W.
Raber, Wm.
Raver, Samuel

PETERSBURG—King, Henry
Kinman, Joseph

PLAINFIELD—Dennis, O. H.
Douglass, Clark
Fogleman, D. W.
Pritchard, Albert

PLEASANT LAKE—Ross, Alanson
Strong, John

PRINCETON—Chambers, H. P.
Duncan, Wm.
Ford, Charles
Mills, Byron
Orr, R. R.
Mowry, J. S.
Shopbell, George
Wallace & Gresby

RENSSELAER—†Rush & Warren (Large)

RICHMOND—†Atkinson, Darwin W., 108 N 20th
†Campfield, Aaron G., 110 N 11th
†Carroll Bros., 136 Ft Wayne av
†Drury, Isaac N., 219 N 11th
†Harrison, Thos. H., 5th & Main
†Hasecoster, Henry H., 234 S 12th
†Hodgin, Joseph N., 17th and N. B.
†Kauffman, Harry C., 55 S 17th
†Kidder, Peter C., 202 N 14th
†Louck & Hill (Large), 200 N 4th
†McDevitt, Isaac R., 205 Kinsey, W. R.
†Overman, Nathan E., 901 Main
Postmejer, Marcus, 607 S 6th
†Roberts, Thomas W., 215 N 11th
†Sheffer, John F., 204 S 15th
Yates Mfg Co, 320 N 16th

RISING SUN—Harris, James
Lindsay, S. F.

ROACHDALE—Grantham & Gough

ROCHESTER—Ault, J. J.
Barkdoll, S. A.
Gaskill, D. L.

ROCKPORT—Eigenmann, Henry
Eigenmann, J. G.
Hurst, Benjamin

ROCKVILLE—Boyd, Ed.
Brown, L. W.
Jerome, Ed.
McCord, Wm. L.
Patton & Lang

RUSHVILLE—Mock, J. W.
Nixon, J. T.

RUSSIAVILLE—Bundy, J. J.
Rivers, J. A.

SANDBORN—McGinnis & Bailey
Russell, Edgar

SCOTTSBURG—Shanks, W. H.
Wiley, Thomas

SEVASTOPOL—Dunlap, John
Persenatt, F. B.

SEYMOUR—†Humes Bros.
†Jones, L. W.
Rinehart, A. N.
†Steinweddle, Ed
Travis Carter Co.

SHARPSVILLE—Arbuckle & Parris

SHELBYVILLE—Avery, Herman
Boger, H. C.
Buel, Oliver
Burns, John
Crane, Oliver
Cross, C. D.
Feaster, John
Howard, J. A.
Mahan, John
Victor, E.
Walker, Thomas

SHERIDAN—Byrkelt, Wm. & Son
Cropper Bros.
Highbee, N.

SOMERVILLE—Miller, Samuel
Skelton, J. W.
Townsley, J. T.

SOUTH BEND—†Allen, Robert N., 1016 W. Colfax av
†Belledin, Bernhard, 417 S Taylor
†Bender, Samuel, 102 S Michigan
†Brown, Wesley J., 824 S Michigan
†Christman, H. G. & Co. (Large), 125 S St Joe
†Class, Richard, 1416 Michigan av
†Defrees, C. H., 315 S Taylor
†Eckler Mfg. Co., 210 E Wash'n
†Evans, Thomas V., 1043 W Colfax av
†Fisher, David, 1239 Vistula av
†Fisher, Edw. D., c E Midway & S Marine
†Freyermuth & Maurer, 138 N Michigan
†Fulk, Henry A., 1127 W Wash'n
†Hammond, Hilton, 712 E South
†Hans, Otto S., 815 Michigan av
†Herring, Eli, 623 W Water
†Indiana Lbr. & Mfg. Co., 742 S Michigan
†Irvin, Jno. F., 1404 Kemble av
†Jackson, Leroy C., 2001 S Michigan
†Jester, Jas. A., 1907 S Michigan
†Johnson, Peter B., 314 W Division
†Knoblock, Edward D., 317 N Main
†Neitzel, B. H., 713 W Water
†Nelson, John, 1421 Linden av
†Platt, James A., 1125 S Main
†Replople, Chas. G., 520 S Columbia
†Robert, Hoban & Roach, 312 N Emerick
†Taylor, Jas. A., 702 E Priscilla
Wilcoxen, George, 1016 S Lafayette
Zimmerman, John H., 724 S Carroll

SPENCER—Davis, F. C.
Davis, J. H.
Hall, E. A.
Hall, J. W.
Harsh, Andrew
Johnson, J. E.
Patrick, Abner

SPICELAND—Antrim, J. G.
Elliott, J. B.
Emminger, James

SULLIVAN—†Coulton, M. K.
†De Voe D. B.
†Hand, Henry
†Houpt, Clinton
†Loucknor, Joseph

SUMMITVILLE—†Wright, Wm.

SWAYZEE—Druss, C. E.
Knee, J. F.
Long, B. T.

TELL CITY—Goffinett, N.
Kroesman, George

TERRE HAUTE—†Bach, Louis, 1900 N 13th
†Cliver, Saml., 702 S 7th
†Cobble, Jas. E., 556 Lafayette
†Collins, Andrew B., 1602 S Center
†Cornell, Erasmus M., 102 S 6th
†Fromme, August (Large), 1701 S 7th
†Gardiner, Daniel W., 714 S 7th
†Haring, Anton, 1330 S 5th
†Higgins, Clayton P., 910 7th av
†Johnson, Jno. Q., 205 S 16th
†Kintz, P. C. & Sons, 111 S 15th
†Kintz, Raymond H., 1028 S 7th
†McCoy, Jno. T., 225 Gilbert av
†Maurer, Fred J. (Large), 437 S 16th
†Miller, Jas. S. (Large), 525 Ohio av
†Nehf, Andrew, 420 Chestnut
†Ohm, August, 1456 Locust
†Taylor, Brice P., 513 N 7th
†Temple, C. E., 1937 Poplar
†Wood, Wm. G., 11 N 21st

THORNTOWN—Fisher, Christ.
Grove, I. N.
Morris, James
Templeton & Roberts

TIPTON—Broderick, H.
Daum, Wm.
Mavity, T.
Neal, Wm. B.
Parker, Saul J.
Pate, G.
Robertson, R. M.
Wooden, N. E.

TROY—Paulin, Seraphim

UNION CITY—†Hoke, J. W.
†Mangaz, George
†Pogue, William
†Woods, Zachariah

UPLAND—Bugher, A. C.
Deeren, T. J.
Gourley, T. H.

VALPARAISO—†Clifford, P. T. & Son (Large)
†Deckover, C. W.

VEEDSBURG—†Boggs, Jos.

VERSAILLES—May & Pendergras

VEVAY—Detratz, F. R.
Detratz, Frank & Sons
Pattie, John

VINCENNES—†Arnold, Stephen
Campbell, Thos.
†Clark, J. M.
Combs & Hrust
†Dawson, Thos.
Katzorkey & Sertel
†Sparrow Bros.
WABASH—†Crouch, Wm. P.
†Dedrick, Wm. A.
†Dickover, Mahlon A.
†Du Puy, Jno.
†Hipskind Bros.
†Hipskind, Jno. & Son
WARSAW—Boulton & Frary
Vanator, W. S.
WASHINGTON—Allen, Taylor
Cretz, Jno. H.
†Clawson, B. W.
Kutter, Daniel F.
†Ramsey, James
Sparrow, Riley
Zinkan, Jacob
WATERLOO—Ingersol, John
Lightner, J. J.
Rickel, John
Rickel, S. P.
Rinesmith, George
Williamson, Eli
WEST LEBANON—Murray, A. D.
Raines, O.
WEST POINT—†Haggart, J. H.
WINCHESTER—Favorite, A.
Hippenhimer, W. H.
WORTHINGTON—Aydelotte, John
Dyer, J. M.
Myers, M.
Ridge, F. M.
Spainhower, Abraham
ZIONSVILLEFoutz, David
Lane, G. W.

INDIAN TERRITORY.

COALGATE—Moody Bros.
DUNCAN—†McManus, J. N.
†McNabb, J. W.
†Thomson, Battie
MINCO—†Ellis, Jno. M.
PURCELL—†Loudon, Jacob
†Purcell, J. T.

IOWA.

ABINGDON—Campbell, C. T.
Davis, Joseph
ACKLEY—†Lusch, John C.
Myers, George
Peters, George
Siefken, John
Tinn, Albert C.
ADAIR—Bancroft & Pangburn
†Foster, William
Williams, W. F.
ADEL—Hoey, Eli
Marsh & Rickerson
Middlekauff, Frank
AFTON—†Hunter, W. R. & Son
Laughery, R.
Palmer, J. W.
Pinkerton, Elmer
AGENCY—†Reynolds, Enget & Clements
AINSWORTH—Goble, W. A.
Harding, Josiah
Walker, J. M.
AKRON—Bradley, E. J.
Hilliker, C. M.
ALBIA—Byerly, G. W.
Husted, Joseph
†McComb, George
Plymate, J. K.
Plymate, O. L.
†Rampe & Pharis
Rowe, J. T.
ALBION—Daniels & Stratton
Willcuts, J.
ALBURNETT—Blum, J. R.
Stener, B. F.
ALEXANDER—Douglass, J. F.
Hildenbrand, J. H.
ALGONA—†Brooks, G. H.
Coan, A. M.
†Connor, T. M.
†Cowen, J. M. & Co.
McMurray, G. S. & W. E.
Platt & McClellan
Purvis, Peter
Ramsey, John
Seastream, A. G.
Shadle, J. D.
Weaver, E. N.
Williams, G. H.

ALLISON—Junzkunz, Frank
Lincoln, L. E.
Youtzky, J. Y.
ALTA—Bladen, John
Jones, T. A.
Meggs, Samuel
Nelson, Frederick
Smith, John
ALTON—Liverman, Anton
Weltgen, Peter
ALTOONA—Barkhurst, M. W.
†Ogden, I. A.
ALVORD—Solomen & Goldschmit
Uenhoefer Bros.
Wellendorf & Wortham
AMBER—Eldridge, John
Kimble, George
AMES—Kistler, George
Little & Rich
ANAMOSA—Chadwick, David
Foley, W. B.
Harvey, E. M.
Littlefield, E. M.
Pope, S. D.
Wicher, Henry
ANDERSON—Cramer, D.
McLain, Geo.
ANGUS—Allen, A. D.
Trunick, Abram
ANITA—Diltz, D. L.
Goodpasture, Abram
Niswinder, Frank
APLINGTON—Kuevel, Geo.
McCarty, E.
Smith, G. N.
ARCADIA—Berger, Gerhard
Diers, Aloysius
Kleespies, Jacob
Lahann, Charles
Olberding, Henry
Tauk, Henry
SPINWALL—Ohlen, Fritz
Will, John
ATALISSA—Doyle & Lamb
Hampton, Seth
ATLANTIC—†Aldrich & McVey
Buckman, W. H.
Fox, Wm.
Hedges, James
Jordan, W. H.
†Lansing, Wm., Sr.
Odem, A. J.
Warner, C. J.
AUBURN—Noe, F. M.
Rex, Frank
AUDUBON—Creveling, R. J.
†Hart & Eddy
Mendenhall, Hiram
Overfield, D. E.
Talbott, H. M.
AUGUSTA—Eggelston, H.
Maneely, Joseph
AURELIA—Dierck Bros.
Ellsworth, Frank
Gallup, C. B.
AVOCA—McCauley & Coffman
Nicolas, David
Ray, R. W.
†Schneider, Thomas
AYRSHIRE—Clapp, J. C.
Webster, C.
BAGLEY—Crisswell, D. S.
France Bros.
Martin, Josiah
Sanderson, W. B.
BANCROFT—Anderson, C. J.
Bliss, O. E.
Brunson, Frank
BANGOR—Cammack, Zenno
Haworth, W. C.
Jessup, J. C.
BARNUM—Bryant, M. L.
Carter & Hay
BATAVIA—Alfred, Wm.
Clark, Henry
BATTLE CREEK—Eells, Rufus
Rogers, Joseph
BAXTER—Ashley, John
Bair, W. H.
†Goeke & Klemme
†Helming, Thos.
BEDFORD—Campbell & Webster
Gardner, Harvey
Golding, G. B.
Golding & Golding
†Grote, G. W.
Webster, Guy
BELKNAP—McCrary, Jesse
Munn, J. F.
BELL PLAINE—†McIntire, Jno.

BELLEVUE—Bittner, L.
Bolte, Henry
Setzepfandt, Aug.
Vandernacher, Jno.
Vandernacher, Peter
BELMOND—Bangs, Albert
Boughton, Corydon
Cram, G. W.
Kenefick, J. T.
Underkopler, Amos
BENTON—McNulty, James
Wright, W. W.
BENTONSPORT—Miller & Jack
BERLIN—Nissen, Hans
Nissen, P.
Ploog, Fred.
BERNINA—Jones, D.
Nicholson, M.
BETHLEHEM—Draper, J. C.
Webber Bros.
BIRMINGHAM—Miller, J. S.
Newville, J. L.
BLAIRSTOWN—Ditto, G. T.
Stouffer, J. M.
Wood, W. H.
BLAKESBURG—Tinsley, Frank
Up, Frank
Weidman, Henry, Jr.
BLOCKLY—Smith, D. M.
Underwood, Henry
BLOCKTON—†Bent, Lincoln
BLOOMFIELD—Cowden, J. W.
Karr, H. L.
Karr, J. L.
Kelso, J. B.
Lane, John
Ramey, John
Skinner & Newton
Weiny, J. J.
BLUE GRASS—Benshoff, Jacob, Jr.
Classen, Henry
Platt, Henry
BODE—Darling, A.
Hagen, Christian
Platt, Henry
Hallanger, A. T.
Jensvold, J. N.
Wolden, C. T.
BONAPARTE—Custer, J. L.
Kerr, W. B.
Smith, N. H.
BOONE—†Crouch & Bradley
Curtis, J. M.
Moorehouse, Henry
†Nelson & Nicholson
Newton, A. V.
†Westen, S. J.
BOONEVILLE—Forrett, John
Switzer, E.
BOXHOLM—Hall, E. A.
Hall, Frank
Stark, Peter
BOYDEN—Smith, A. P. & Sharp
Tuttle & Newton
BRADGATE—Blake & Son
Fuller, Levi
Turner & Sons
BRANDON—Bearbower, James
Fouts, Eli
Kanouse, W. J.
BRAYTON—Lansing, Bros.
Loss, C. A.
BREDA—Ewaldt, Theodore
Stark, Frank
Zurn, George
BRIDGEWATER—Bowers & Lednum
Lilly, George
BRIGHTON—Smith, Uriah
Woodford, S. E.
BRISTOW—Bentroth, Henry
McTaggert, J. B.
Mynck, S. B.
Woodworth, W. P.
BROOKS—Odell, G. N.
Richey, L. V.
BUFFALO—Frank Bros.
Kuhn, George
BURDETTE—Cogswell, Mr.
Oliver, Wm.
BURLINGTON—†Anderson, C. A., 503 Leebrick
Archibald, W. W.
†Beck, H. A.
†Bershee & Son
Binder, Geo. W.
†Bloomer, Ferris, 226 Grimes
†Boyer, John, 416 Wash'n
Brandebury & Co.
Dalgleish, W. S.
†Dalin, Jno.
Dannies, W. F.
†Dunham, E. P., 414 Division
Evans, E. F.

†Fordney, Wm.
Gawthrop, J. T.
Grothe, Henry
†Harris, Z. W.
†Hassel, Chas., 526 Cameron
†Hayden & McLain
†Hemphill, Austin, 1405 Agency av
†Johnson, J. A., 409 S Woodlawn av
Keller, S. E.
†Kelly, James
†Kriechbaum, Geo.
†Lauth, P. J
†Loraine, Neil A., 1415 Cleveland av
Lundell, A., 224 Summer
Lundell, Frank
†Messner, Chris, 118 N Gunnison
Miller, Louis J.
Pearson, Henry, 107 N Garfield av
Quelle, W.
†Robbins, Geo. W.
†Sabins, Jno.
†Sanderson, J. W.
Smith, J. L., 1100 Market
Vorhees, A. J.
Young, N. S., 700 Spruce

BURRELL—Chesey, T. W.
Logan, Wm.

BURT—Bross, D.
Stoddard, M. H.

CAIRO—Griswold, B. F.
McKinley, D.
Vanhorn & Boden

CALAMUS—Halvers, Cornelius
Huetter, R.
Peterson, H.
Van Arnam, L. D.

CALEDONIA—Brown, G. M.
Walter, G. F.

CALLIOPE—Bennett, J. A.
Hitchcock, Wm.

CALMAR—Moen, L. O.
Ramberg, Matthew

CAMBRIDGE—Jacobson, Ole
Nellis, J. W.
Stowe, Chas.

CARBON—Brown, Jule
Eggleston, W. P.
Langlass, Frank
Lover, H.

CARROLL—Baker, J. W.
Conway, Richard
Conter, Jno.
†Fisher, H. G.
Hart & Mohler
Loebel, J. G.

CARSON—Calwell, P. F.
Reed, Wm.
Traxler & Gilman

CASCADE—Tisen & Moran

CASEY—Irion, S. B.
McConky, J. A.
McMullin, Joseph

CEDAR BLUFF—Brown, J. T.
Frankhauser, Wm.
Graff, Joseph

CEDAR FALLS—Bremer, Wm.
Paine, D. S. & Co.
†Robinson, J. E.
Robinson, W. A.

CEDAR RAPIDS—Allen, Eugene
†Bartlett & Kling (Large)
†Brown, Fredk. J., 116 6th av
†Burtis, W. J., 1203 5th av
†Connor, A. H., Masonic Temple
†Hall, M. M., Jim Block
Leasure, J. W., 311 S 1st W.
Loomis Bros., Kimball bldg
†Monilaw, James,656 L. W.
†Null, J. M., 616 2d av
†Richards, L. W., 1115 S 2d W.
†Stark, Bobt.
†Wallace, L. & Son, 203 2d av
†Wiley, J. W., 421 S 3d

CENTREVILLE—†Burkland, A.
†McCoy, A. J.
†Shaffen, Irvin
†Steel & Bennett

CENTRE JUNCTION—Chapin, E. P.
Coder, J. E.
Hall, C. A.
Lewis, Eugene
Shipley, A. W.

CENTRE POINT—Bartleson, Harris
Floyd, Isaiah
Forkins, Richard
Herring, T. S.

CHARITON—Corbett, W. A.
Frazier, B. W.
†Houghland, O. A.
Johnson & Best
Lyons & Clapp
Teas & Son

CHARLES CITY—Broege Bros.
Campbell, Arthur
De Smith, C. L.
Goddard, S. C.
Lindaman, Owen
†Potter, H. E. (Large)

CHARLESTON—Kendall, Charles
Wahrer, Frederick

CHARLOTTE—Anderson, J.
Peterson, Moritz

CHARTER OAK—Bates, A. J.
Haworth, N. & M. D.
Reid, W. J.
Shipley, Joseph

CHELSEA—Novak & Upah
Southard, F. M.

CHEROKEE—Burbank, M. S.
Davis, Wm.
Dickey, T. J.
Greeley, J. B.
Molyneaux, Frank
†Regester, James
Stoddard, C. B.

CHESTER—†Benbow, D. & Son

CHURDAN—Fitz Bros.

CINCINNATI—May, T. J. & Son
Morrow, Joseph

CLARE—Lyons & Creighton
Moore, John

CLARENCE—Beckwith Bros.
Delamater, E. F.

CLARINDA—Berry, F. M.
Clipson, J. C.
Gorman & Malone
Harboard & Phillips
Keller, R. D.
Saum, A. B.
†Walsh, W. W. (Large)
†Welch & Leader

CLARION—Alder, Henry
Brewster & Glendy
Goslin, Matthew
Mann, J. H.
Pervier, J. L.
Stella & Upper

CLAY MILLS—Howard, S. F.
Tippett, W. N.

CLEARFIELD—Johnson, S. A.
Meadows, Richard

CLEGHORN—Ehlers, D. H.
Marsh, M.

CLERMONT—Longfield, J. C.

CLINTON—†Cook, Wm. J., 608 Commercial
†Dennis, E. F., 684 10th av
†Haring, Daniel, 820 3d av
Hobart, S. S., 200 S 3d
Jackson, M. E., 400 Commercial
Kroeger, Edw., 341 Maple av
†Lake, John, 634 5th av
Lake, Richard, 234 5th av
†Miller, E. D., 826 Stockholm
Neissle, J. C., 228 12th av
Olds, M. P., 212 3d av
Potter, A. R., 215 3d av
Roman, H. C., 1049 7th av
Schofield, Geo., 312 9th

CLIO—Gardner, Charles
Souder, George

COIN—Delk, J. T.
Foster, B.
McLeod, Wm.
Mitchell, Samuel
Showers, John

COLFAX—†Byers, C. L.
†Bush, M. E.
Manuel & Price
†Rowles & Moore

COLLEGE SPRINGS—Henderson, A.
Hullinger, M. H.
Rutherford, John

COLUMBIA—Adams & Boggess
Russell, C.

COLUMBUS CITY—Lischer, George
McCormick, J. T.

COLUMBUS JUNCTION—Barr, H. B.
Murdoch, G. W.
Riley, G. W.
Sheridan, Richard
Van Dyke, C. C.

CONGER—Blair, J. G.
Nusum, J. W.

CONRAD—†Gier, John R. (Large)
Smith & Sons

CONWAY—Barron, J. C.
Hayes, Wm.

COON RAPIDS—Gleason & Son

CORALVILLE—Painting Bros.
Williams, John

CORNING—Bell, Samuel A.
Bell, Samuel A.
Cain, E. R.
†Chaffee, A. H. & Co.
Cody, H. D.
Davis, Harry
Maring, S. W.

CORRECTIONVILLE—Frey, Joseph
Lanam, F. M.
Stone, H. H.
Woolridge Bros.

CORWITH—Nortz, John
Page, B. F.

CORYDON—Barker, Frank
Brown, Seth
†Rudd & Chase

COUNCIL BLUFFS—†Anderson Bros.
†Batten, V.
Furgerson & Shepard
†Graham, O. W.
†Grass, Frank, 220 N 6th
†Herman & Brown, 536 5th
†Jensen Bros.
Reynolds, S. W., 8th n 16th
†Sorensen & Larsen
†Weaver, John P.
White, Wm.
†Wickham, Edw. A. & Co.
†Wind, P. H., 253 Vine

CRAWFORD—Oikie, Nathan
Roso, P. C.

CRESTON—Bartlett, J. W.
Carney, H. W. & Maultan
Hicks & McKee
Mauk, J. W.
Nichols, A. F. & Co.
Preston, Samuel
†Smith, Frank S. (Large)
†Young, Chas. C. (Large)

CROMWELL—Lane, W.
Lewis, J. B.

CROTON—Raines, Allen
Sherick, G. W.

DAKOTAH—Derby, M. R.
Harpester, Q. M.

DALLAS CENTRE—Burger, Amos
Clark, W. M.
Little, W. H.
Read, C. E.

DANA—Haygood & Hall
Moranville, J. H.

DANBURY—Griffith, Samuel
Keitges, P. C.
Kennedy, Robert
Pry, Ambrose

DAVENPORT—†Bargman, John & Son, 1315 W 7th
Bertlemann, Wm. G., 621 W 9th
†Carstenson, H. P., 2239 Bowditch
†Coen & Conway, 320 Division
†Ehmke, P. K., 720 W 2d
†Gilchrist, Geo. O., 1412½ Rockingham
†Jipp, Ludwig W., 2115 W 3d
†Johnson, Chas. J., 507 E 6th
Kahler, Henry, 422 Marquette
†Kelly, Wm. V., 2212 W 4th
†Mahan, John E., 108 W 3d
†Mahlstedt, R., 1419 Marquette
†Meekelnberg, H. P., 1650 W 3d
Nebelgall, E. L., 5th & Brady
†Neuenhaus, Gerhard, Jersey Ridge rd
Oelrich, H. C., 1319 W 2d
†Osborn, C. E., 1215 Harrison
Peters, John, 522 W 2d
†Reading, J. A., 511 Bridge
Rice, Leonard, 1035 Arlington
†Soller, John, 633 E 16th
†Steckel, A., 1611 Ripley
Struck, A. H., 1302 Leonard
Tri-City Construction Co., Masonic Temple

DAVIS CITY—Elston, Sidney
Gore, R. L.
Guthrie, Elijah
Hinkle, C. M.
Sanger Bros.

DAWSON—Clark, G. L.
Muir, Alexander

DAYTON—†Courtney, Joseph

DECATUR—†Schenck & Garrett

DECORAH—Ives, O. P.
Miller, Morris
Siirhing & Brunner

DEDHAM—Edgett, J. A.
Hawver, A.

DEEP RIVER—Emery, A.
Sargood, James

DELHI—Harris, A. P.
Nutting, S. M.
White, Ward

DELMAR—Harrington, Adolphus
Hurd, S. C.

DENNISON—†Fee, Frank
†Lamb, H. C.
McClellan, J. L.
Seaver, Edward
Sewell, L. K.

DENVER—Boergere & Webster
Wilder, John

DES MOINES—Barrick & Son, 911 Walnut
†Bailey, John, 1400 E Walnut
†Benson & Marxer, 425 Grand av
†Barton, H. H., University av & 43d
Brockman, W. L., 779 9th
†Bush, M. E., 833 6th av
†Butcher & Storey, 527 E Walnut
Colburn, G. H., 1125 Wiley
Colburn, J. H., 1400 Crocker
Cram, Frank, 505 Grand av
†Dagle, Frank, University av & Waveland Park
Detwiler, J. W. & Co., 315 E 5th
Du Bois, E. L. & Co., 309 Youngerman blk
†Elder, R. H., 862 21st
Fickel, Joel, 586 7th
†Fritz, H. J., 2615 Cottage Grove av
Fry, Marion E., 713 School
Greely, J. B. & Son, 820 10th
†Ives, G. E., 514 E 6th
Jones, Palestine, 1013 9th
†Kemp & Gibson, 610 High
†Kostenbader, E. E., 1031 19th
Liley, O. R. & Sons, 1045 19th
Lovejoy, J. E., 3309 Cottage Grove av
†McCormick, F. H., 1331 24th
McKelvey, J. S., 36th & Ingersoll av
†Maine, James & Sons Co., 119 8th
†Mitchell, W. T. & Co., 116 8th
Mosier Bros., 1070 University av
Nelson, M. W., 505 Grand av
†Robertson, S. A., 426 Good blk
Shepard & Hanrahan, 410 4th
Stoneroad, L. S., 920 12th
St. John & Barquist Co., 418 8th
†Thompson, M. A., 1323 9th
Timmons, L. H., 1070 22d
†Tusant, J. E., 616 High
Verhey, W. M., 1179 12th
†Weitz, Charles & Sons (Large), 713 Mulberry
DE WITT—Bolton & Kettenring
McQuinstan, Joseph
DIAGONAL—Gard, S. I. & Son
DILLON—Mack, T. S.
Myers, D. L.
Williams, C. B.
Wilson, O. R.
DONNELLSON—Curry, Amos
Wagner, A. C.
DOON—Mueller & Fish
DORCHESTER—Fort, T. C.
Kumpf, Jacob
Schultz, H.
DOW CITY—Cramer, J. W.
Davis, S. H.
Riddle, James
Riddle, Robert
DOWNEY—Longelbaum, Frank
Ridd, I.
DOWS—†Connor, A. H. & Co.
Miller, Daniel
Preston, A. G.
Rosenthal, August
DUBUQUE—Allen, Thomas, 258 13th
Anglin, J. G., 105 Foye av
†Baumhover, Anton, 1466 Jackson
†Braun, C., 672 Windsor av
Bewer, J., 126 Prince
Brunkow, F. W., 185 Burden av
†Carpenter, Hy. T., 27 Grandview av
†Clark, G. R., 1120 Iowa
Collings, Alfred, Robinson av n Bluff
Craig, J., 736 Southern av
Domerig, P., 167 Johnson av
Efferding, T. G., 57 Alpine
Ehlers, D. H., 854 Clay
Essen, C. G., 760 Bluff
Flick, J. R., 358 7th
†Griggs, J. J., 768 White
†Gukeisen, Jos., 931 Rhomberg av
Haller, A. C., 39 Algona av
Hartman & Son, 1539 White
Heizmann, W., 325 Davenport
†Howie, D. T., 52 8th
Jones, B. W., 1253 White
Jones, Rudolph, 1029 Rohmberg
Jordan, C. H., 144 13th
Kuehnle, C., 21 Quigley's la
Kutch Bros., 2043 Wash'n
†Lange, Joseph, 940 16th
McClain, Edw., 35 McEroy pl
Marty, F. W., 392 Delhi
Ney, A., 446 Main
Osborn, A. L. Co., 230 9th
Rand, W. D., 230 W Locust
Roberts, Josiah S., 118 Julien av
Stillman, C. I., 407 Alpine
†Taylor, Joseph R., 540 Julien av
Ward Bros., 59 S Bluff
†Weaver, G. S., 97 Centre pl
†Willy, Ulrich, 216 Kaufmann av
Witter, Louis & Sons, 2219 Jackson
DUNKERTON—Barlow, John
Smith, C. A.
DUNLAP—Benjamin, G. A.
Benjamin, J. A.
Manchester, C. T.
Warren, A. N.
Weed, John
DUNREATH—Ferrell, O. H.
†Mardis, J. C.
DURANT—Harft, J.
Peters, John
EAGLE GROVE—Banks & Middleton
Hartwell, J. W.
McDermott, Matthew
Middleton, John
Olson, Martin
Rucker, J. W.
Ohr, J. K.
EARLHAM—Edwards, R.
Hill, Jesse
Mendenhall, A.
Thornton, Joshua
EARLY—Akerly, E. H.
Brower, W. A.
EDDYVILLE—Crisswell, M. R.
Gwin, D. C.
Parson, C. S.
EDGEWOOD—McGarvey, A.
Morey, J. B.
Shepard, E. G.
ELBERON—†Kulik, L.
Parsons, R.
ELDON—Hughes, O. B.
Moore, W. F.
Sherard, Robert
ELDORA—†Allison, W. J.
Gardner, H. E.
Houser, F. D.
†Shirley & White
Wakeman, F. B.
ELKADER—Davis & Tyler
Gilbert, Charles
Needham, Wm.
†Schneider, John L. & Bros.
ELLIOTT—Carson, W. E.
Wilson, Wiseman & Wahlund
EMERSON—Abel & Culver
Tollinger & Sou
EMMETSBURG—Beach, G. H.
Bostwick & Morris
†Hitaffer, Wm.
Myers & Mead
Olen, Lewis
Seely, George
Sturdivant, J. M.
†Wells, Patrick R.
Young, Thomas
ESTHERVILLE—Cox, S. J.
†Hittaffer, Wm.
Johnck, E. L.
Laurence, N. A.
Nelson, James
†Rankin & Miller
Saylers, I. N.
Thompson, O. B.
EVERLY—Brugman, H.
Butler, R.
Roberts, R.
FAIRBANK—†Bushley, Jas. & Co.
†Schmelke & Frost
FAIRFAX—Darr, W. M.
Pork, W. M.
Shank, Henry
FAIRFIELD—†Cook, W. S.
Fulton, W. H.
†Gilchrist, Archibald
Hoffman, T. L.
†Lynn, Adam
FARHAMVILLE—Nichols, W. C.
Reinhart, Chas.
FARLEY—Garner, A. T.
Gilmore, Hiram
James, R. E.
McGinniss, Grant
Smith, Edwin
FARMINGTON—Moreland, Edgar
Morris, Chas.
FARRAGUT—Althouse, David
Pride, Jesse
Rhodes, J. W.
FAYETTE—Hayward, Enos
Holmes, Frank
Percy, J. J.
Sanders, F. E.
FLORIS—Beden, J. M.
Billhymer, E. G.
Brenneman, J.
Huffstutter, E. S.
FONDA—Brown, J. E.
Burson, Abram
Post, F. H.
FONTANELLE—Lalone, J. F.
Mathews, B. F.
Snyder, William
Sprout, Robert
FOREST CITY—Abraham, Jacob
Ames, E. A.
Carpenter, E. F.
Fisher, J. V.
†Lackore, C. H.
†Perry, L. R.
FORESTVILLE—Casey, M.
Fay, John
FORT DODGE—†Ackerman, C. W., 618 1st av, N
†Anderson, Jos., 355 Haskell, S
Cisne, C. J., 1605 2d av, N
†Gross, F. A.
†Haworth, J. R. & Sons, 1214 4th av, N
†Hepler & Browu
†Preschold, G., 427 3d av, S
†Sanderson, A. P., 202 1st, S
Shipkowsky, Gus
†Sisne, C. J.
†Stafford, C. W., 802 1st av, N
FORT MADISON—Brandenberg & Currie
Hinze, L. C.
Nielers, Joseph
Pohlmiller, Ferdinand
Smith, A. W.
FRANKLIN—Blanfuss, F.
Mehl, Henry
Wagner, George
FREDERICKSBURG—Adams, Guy
Grims, W. H.
Modke & Stansberry
Moore, S. P.
Simmons, William
FREDONIA—Banton, Hiram
Lupton, Wm.
Van Dyke, C. C.
FREMONT—†Chris, Hibler
FULTON—Diely, Peter
Elkins & Shooff
GALESBURG—Holden, S. N.
Holmes, Frank
GALT—Morham, Michael
Sanders, I. B.
GALVA—Dunkleberger, Wm.
Riggs, Cyrus
GARDEN GROVE—Flanagan, H. P.
Sutherlan & Mitchell
GARNER—Cassell, P. W.
Collins, E. C.
Flint, Frank
Fotheringham, Joseph
Hoose, A. J.
GARRISON—Bell, G. W.
Staufer, E. H.
Troxel, J. H.
GARWIN—Conant, M. A.
Price, John
GENEVA—Doloson, M. B.
March, E. J.
GILBERT—Hauer, Gottfried
Linder, Henry
GILBERT STATION—Bunce, D. K.
Downs, T. A.
Jacob, Jacob
GILMAN—Miller, F. C.
Osborne, I. & C.
GLADBROOK—Burk Bros.
Martin, Otto
Pond, W. O.
GLENDON—List, O. P.
Moore, G. J.
GLENWOOD—†Dean, Amos
Fair, A. J.
Johnson, John
Morris, John
Tipton, John
Wrenrick, G. W.
GLIDDEN—Adams, Cooper
Hill & Boynton
Launspach, Geo.
Sherer & Vonstein
GOLDFIELD—Agard, G. E.
Dean, W. O.
Ferguson, J. H.
Hartsock, F. I.
Spoen, E. O.
GOOSE LAKE—Beeck, Fritz
Schroeder, John
GRAETTINGER—†Christopher, L.
Eidsner, M. L.
†Oleson, Jens
Paulson, P. J.
Simonson, Frederick
GRAND JUNCTION—Albert, Daniel
Getz, S. P.
GRAND VIEW—Allen, J. C. & Son
Allen, Wm.
King, Charles
Thorp, James
Zimmerman, John
GRANT CITY—Bates, S. H.
Crandall, A. C.

Salisbury, L. H.
†Shannon, Wm.
GRANVILLE—Marks, M.
Oberman, Joseph
GRAVITY—Brookman, G. L.
Clark, Wm.
Easton, John
GREENE—Blandin, Joseph
†Gates Lumber Co.
Moss, Wm.
GREENFIELD—Beck & Condon
Jones & McCullough
†Littleton, A. P.
Welsh, Geo.
Woods, D. W.
GREEN MOUNTAIN—Cober, James
Kaple, Ray
GREENVILLE—Canvil, Calvin
Davis, Nathan
GRIMES—Channon, Wm.
Reed, C. W.
GRINNELL—†Coutts, R. G.
†Inman, G.
†Sampson, George
Stowe, W. W.
†Triplett, H. L.
Wheelock & Son
GRISWOLD—Chittenden, J. E.
Huckins & Schellhammer
Mitchell, E. J.
Moulton & Lessard
GRUNDY CENTRE—Hopkins, Henry
Raft, E. A.
Rea, Geo.
Stuck, A. B.
Stuek, N. H.
GUTHRIE CENTRE—Chittenden, Henry H.
Earl, Stephen
Le Van, Wm.
McLuen, James
McLuen, W. J.
†Mercer & Taylor
Root, C. H.
Weyrieh, Anton
GUTTENBERG—Buesling, D.
Johnson, Wm.
Reinhard, Wm.
Wolf, Frederick
HAMBURGH—Alberson, Blair
Bently, T. U.
Brown, L. T.
Swltser, A. L.
Talbot, N. S.
Zutz, F. C.
HAMPTON—Clark, C. V.
Johnson, J. W.
†Kron, L. J.
Roberts, Stewart
Roberts, W. A.
Sargent, G. E.
HANCOCK—Lindsey, A. H.
Reid, W. J.
HARCOURT—Ely, John
Progen, L.
HARLAN—Billings, S. H.
Boner & Bowman
Book, J. P.
†Coekrell, W. H.
Ganzer, D. Z.
†Hansen & Norgard
Morgan, I. M.
†Parker, S. M.
Peterson, Nels
†Simpson, W. W.
Wiekersham, J. O.
HARTFORD—Cain, S. K.
Corzetts, N.
HARVARD—Campbell, D. C.
Furman, John
HASTINGS—Riehards, David
Wilson & Rush
HAWARDEN—Crane, Eli
Jaeobe, F. K.
Payne, Wm.
HAWKEYE—Ferrill, J. T.
Petrie, J. E.
Shales, John
HEDGE—Chute, S. S.
Baldwln, A. M.
Hiek, J. G.
Kilgore, G. H.
HERNDON—Atehison, Geo.
Jones, H.
Morris, J. E.
HITEMAN—Brawdy, J.
Swanson, Charles
HOLSTEIN—Dauker, H. M.
Ewaldt, H. P.
Huss, Julius
HOPEVILLE—Burnham, T. J.
Hawk, J. S.
Howard, E. E.
HOPKINTON—Loop, E. M.
Rutler, H. E.
Taylor, W. H.
HUMBOLDT—Foster, C. C.
Quick, Wm.
HUMESTON—Brislein, Robert
Connor, J. H.
Dilsaver, J. B.
†Kirkman, J. S.
Wells, J. K.
HURON—Carter, H. B.
Luckinbill, T. F.
Shutt, Geo.
ICONIUM—Haver, I. C.
Maiken, B. S.
IDA GROVE—Barnes, Frank
Bassett, W. H.
Elsor, Wm.
Fugel, H. C.
†Kitterman, J. S.
†Weaver, C. H.
IMOGENE—Haley, J. J.
Smalley, Wm.
INDEPENDENCE—Evers, Joseph
†Hopkins & Garner
†Netcott, Geo. E.
†Price, C. E.
INDIANOLA—Beymer, W. J.
Fortney, E. W. & Sons
Proudfoot, E.
INWOOD—Larson, Columbus
Pillop, Wm.
Rudy, J. A.
IONIA—McNary, F. A.
Redman, J. W.
Wright, G. F.
IOWA CENTRE—Funk, Henry
Maxwell, T. V.
IOWA CITY—Berry, J. L.
Boarts & Bright
Bright & Hess
Brock, E. R.
Brum, Frank
†Cassidy, J. M.
†Drews, Albert, 122 S Gilbert
Hennessy, Richard, 207 E College
†Hotz, J. J., 402 E College
†Lyon, L. E.
†Metzlnger, J. J., 123 N Dodge
Morgan, D. J.
Nooak, Frank
Rowson, Jas. & Sons
Seydel, M. A.
Sheets & Freyder
Steward, G. E.
†Van Patten, G. H., 9 S Sinn
Wright, J. R.
IOWA FALLS—Bruce, Joseph
Orcott, J. E.
Thomas, Marshall
Truman, Frank
Worth, G. A.
IRWIN—Huber, L.
Wllmarth, E. C.
JAMESTOWN—Hoyt, George
Steffen, Claus
JANESVILLE—Emery, R.
Fuller, George
JEFFERSON—Anderson, Abijah
Cline, J. B.
Cline, J. M.
Eiteman, A. J.
JEROME—Buck, James
Wilson, Davld & W. E.
Wilson, D. F.
JEWELL—Cochran, Douglass
Row, Samuel
Stueland, John
JOLLEY—†Conroy & Worm
Roberts, Andrew
JUBILEE—Buinger, A.
Olinger, Henry
Sauerby, Wm.
KAMRAR—Adams, J. H.
Frakes, J. P.
KASSON—†Heulster, E. E. & Co.
Vert, H. S.
KELLOGG—Henshaw, C. W.
Pringle, W. S.
Vaughn, Wm.
KENDALLVILLE—Oleson, Ole
Thayer, P. L.
KEOKUK—†Bartlett & Kling (Large)
Benson, Chas. L.
Cobb, C. E.
Culbertson, John
Dollery & Woolery
Griffey, Frank L.
Griffey, John T.
Langley, J. E.
Nichols, W. H.
Pigg, J. M.
Prescott, D. B.
Swan, F. W.
Vandenpoel, P. J.
Whitney, C. S.
Young, J. W.
KEOTA—Arnold, J. H.
†Conklln Bros.
†Haney, H. C.
†Mason, D. B.
†Shrader Bros.
KESOANQUA—Alexander, Henton & Haw
Lane, A. H.
Long, George
Riddell & Minnich
KEYSTONE—Bernshorff, Wm.
Kaeppen, Henry
KILLDUFF—Carpenter, O. J.
Lawson, J. B.
KIMBALLTON—Anderson, John
Moller, Jorgen
KINGSLEY—Griesel, Gus
Mattlson, J. J.
Stowell, C. S.
Tyrrell, H. C.
Wengler, Frank
KNIFFIN—Mltten, Jesse
Yeager, Wm.
KNOX—Abbey, L. M.
Cummlngs, Daniel
KNOXVILLE—Craig, Wm.
Davis, E. J.
Kester, P. B.
Miller, Gabriel
Shultls, Albert
KOSSUTH—Banday, Miner
Banday, Owen
Woodside, S.
LACONA—Clayton, Jacob
Lyons, J. W.
Parkins, Boyd
LAKE CITY—Leatherberry, St Clair
Williams, F. C.
LAKE PARK—Kingsley, A. A.
Rohlf, H. H.
LAKE VIEW—Cate, C. E.
Walrod, Harrison
LAMONI—Lillon & La France
Fowler, Lewis
Franks, L. J.
†Gaald, G. W.
†Harrlngton & Rower
LAMONT—Foot, E. L.
Kint, W. F.
LANSING—Fry, W. H.
Ladd, F. P. & Son
Severson, Sever
Weir, Frank
LA PORTE CITY—Bahr, Levi
Crowell & Abbott
LARCHWOOD—Bakken, J. J.
Brooten, G.
LARRABEE—Ballou, E. L.
Fraser, James
Platt, B. F.
LE MARS—†Eyers, Zack
†Miller, Elem (Large)
†Round, O. H.
LISCOMB—Trease, J. T.
Trease, W. M.
LITTLE PORT—Anderson Bros
Peick, Fred., Jr.
Relehert, F.
LITTLE ROCK—Greaves, W. T.
LITTLE SIOUX—Cooper, James
Hope, John
Pensley, S. J.
Reeves, W. L.
Silsby, L. S. G.
Stoekwell, James
LITTLETON—Davidson, Z.
Dibble, D. B.
Grooms, Wm.
LOGAN—Bunce, G. G.
Comstoek, B. F.
Cronk, Theodore
Kirkendall, V. M.
Lindsey, J. G.
Parker & Lombard
Weleh, H. A.
LORIMOR—Bailey & Orr
Fink, W. U.
LOVILIA—Hinton, J. A.
Williams, Louis
LOWDEN—Burton, Merritt
Kuever, Henry
Meirer, F. E.
Reed, James
LOWELL—Gregg, J. W.
Smith, J. W.
LUTON—Reeves, B. E.
White, Robert
LUXEMBURGH—Froeple, Joseph
Spoden, J. N.
M'CALLSBURG—Rogers, H. N.
Smith, J. W.

M'CAUSLAND—Anderson, John
Broderius, John
M'GREGOR—Brooks, H. P. & Son
Bush, W. E.
Kramer, Jacob
MADRID—Harlow, John
Larson, J. A.
†Young, Geo. A., Sr.
MAGNOLIA—Hatch, L. R.
Lockling, H. R.
Shupe, I. N.
MALLARD—Nible, G. J. & Bro.
Wagner, J. P.
MALVERN—Hammond & Knight
Jones, J. P.
MANCHESTER—Johnson, David
Orange, Harris
MANILLA—Bacon, J. W.
Tryon, J. H.
Woodward, Thomas
MANNING—Arp, J. P.
Blocker, H. F.
Brent, C. W. & Co.
Peetz, Hans
MANSON—Barks, Geo.
Seaver, C. E.
MAPLETON—Anthony, A. J.
Brown, Philip & Son
Bruner, L. E.
Shaver, R. C.
Smith, Valentine
MAQUOKETA—Anderson, F. G.
Bellanger, E. M.
Bronn, Ed.
Brown, S. F.
Defoy, Oliver
Edson, West
Haven, W. D.
Juel, F. P.
Maginnis, W. W.
Miles, H. M.
Morgan, T. W.
Nitsch, Chas.
Odgers, Jno.
Rich, E. D.
Thomas, William
Van Doran, John
Waite, D. D.
Walp, C. D.
MARBLE ROCK—Anthony, J. D.
Crabtree, W. B.
Manchester, Dennis
MARENGO—Sabin, Wm.
Swezey, G. W.
MARION—Collins, J. S.
Emery Chas.
†Griffin, J. B.
McElwain, S. A.
Martin, W. S.
Rowe, J. D. & Son
White, G. E.
White, L. E.
Wightman, F. D.
Wilson, Charles
MARSHALLTOWN—†Adams, Walter W.
†Atkinson, J. F.
†Bauzhof, C.
†Irvin Bros, 410 N 3d
†Jones, H. F., 206 W Lincoln
†Kurtz Bros
†Neublom, Jno., 502 Woodbury
†Nissen, Fred. L., 214 N 3d av
†Rhem, H. R., 711 N Church
†Squires, H. W., 110 N 1st av
Stewart, T. J., 207 W Lincoln
†Weatherly, J. G., 206 N 1st av
†Weatherly, T. C. (Bridge), 607 W Nevada
MARTINSBURG—Hogue, S. R.
Sherwood, F. H.
MARYSVILLE—Bousch, Samuel
Foshier, C. B. & Son
McGruder, Wm.
Tucker, H. A.
MASON CITY—†Baird, A. W.
Bogardus, J. R.
†Dutro, S. B.
†Gardiner, J. W.
†Grade & Co.
†Irwin, W. R.
Kissner & Page
†Kropf, A. A.
Leask, Wm.
Loomer, L. O.
†Melson, J. G. (Large)
Rowe, O.
Swartz, A. L.
†Tracy, George
†Wisdom, H.
MASSENA—Rife, Wm.
Thompson, J. E.
MASSILLON—Bright, T. M.
Huyck, J. E.
MAXWELL—Cole, A. C.
MAYNARD—Bing, Samuel & Son
Burdick & Clark
Lemkool, Charles
MECHANICSVILLE—Burget, William
Ferguson, John
Hatcher, Thomas
MEDIAPOLIS—Bridges & Paul
MELBOURNE—Ellis & Troxel
Neuroth, Anthony
Wormley, Frank
MELROSE—Eaton, G. L.
Rainey, Butler
MENLO—Cottrell, F. K.
Griffin, R. A.
Snow, E. J.
MERIDEN—Higbee, H. E.
Higbee, R. H.
Lichtenberger, J. J.
MIDDLETOWN—Zigler & Sutton
MILES—Allen, F. E.
Richardson, A.
MILO—Fridley, George
Runyan, F. P.
MINDEN—Bosterl & Silvers
Toussand, E. K.
MISSOURI VALLEY—Brown, H. L.
Dagget, Ethan
Hileman, David
Johnson, George
MITCHELLVILLE—Ball, S. R.
Daniels, S. H.
Daniels, T. P.
Martin, C. T.
Snyder, A. Minor
MODALE—Haskins, J. H.
Lyghtell, J. S.
Sharpnack, Henry
Snyder, A. M.
MONDAMIN—Kidder, H. P.
McKean, D. M.
Wills, W. F.
MONMOUTH—Bristol, D. A.
Dye, N. G.
Wildey, G. S.
Willis, L. P.
MONROE—Elrod, William
Ferguson, A. J.
Hertzog, C. R.
McEwen, Benjamin
Scarborough, John
MONTEITH—Knapp, L.
McLellen, J. T.
MONTEZUMA—Briney, Oliver
Bowers, Walter
McDonald, James
Rose, H. E.
MONTICELLO—Clark, John
Henderson, Robert
Linnell, John
Van Meter, C. L.
White, J. L.
MONTOUR—Harris, W. S.
Ward, G. T.
MONTROSE—Dunkle, D. P.
Singer, William
Stephens, I. C.
MOORLAND—†St. Croyz, John
†Storey, F. E.
MORAVIA—Gladfelter, George
Hobert, W. H.
Pennington, Albert
Walters, Oliver
MOULTON—Berry, A. P.
Lane & Son
Law, Thomas
Luman, James
Schultz, Rudolph
MT. AUBURN—Hall, M. S.
Wallace, James
MT. AYR—Case & Beaman
Clark, W. J.
Jackson, Andrew
Keller, M. P.
†Newman, L. & Sons
Soles, F. B.
Vorp, Eugene
MT. JOY—Ewoldt, H. J.
Hamdorf, Henry
Horst, Henry
MT. PLEASANT—Alsup, J. E.
Thomas, J. A.
Trimble, G. W.
Whitney, W. H. & Sons
MT. VERNON—Davis, C. H.
Keyes, Marsden
Sinclair, Isaac
MOVILLE—Taylor, Edward
Woodcock, J. B.
MUSCATINE—Dale, P. F.
Duffield & Harker
Eldred, Frank
†Howe, J. E. & Son, Walnut and 7th
Keath, A. A.
Kile, A. H.
†Magoon & Kincaid, Iowa av, n 5th
Nyenhius, Benjamin
Patrick, C. Chas., 218 Walnut
Ponbeck, Jacob M., 1100 Oak
Selden, J. H.
†Weaver, W. C.
Wickey, August
Wintermeyer, Henry
†Zeidler, Wm. & Son, 115 W 6th
NASHUA—Butler, Bartlett
Felcher, John
Liard, George
Soults, W. A.
Wait, David
NEOLA—Bruegenhempke, C. T.
Cupp, J. H.
Fullager, Edward
NEPTUNE—Kowalski, Frank
Miller, Fred.
Ruhland, Frank
NEVADA—Hoteling, C. J.
Nell, Walter
Smith, W. K.
NEWELL—Cheney, J. F.
Jansen, Christian
NEW HAMPTON—Curtis, W.
Healy, W. A.
Johnson, L.
Lambkin, George
Lewis, Jas.
†Shepard, E. G.
Thompson, O. A.
Tuttle, P. C.
Wood & Rhomer
NEW MARKET—Parsons, John
Young & Pullem
NEW PROVIDENCE—Albery, M. D.
Tansey, B. E. & Sons
NEW SHARON—Bowdie Bros.
Gruble, B. F.
Helminger, John
Hudson, L. H.
NEWTON—†Eastman, James & Sons
Evans, David
Fehleisen, Theo.
Hibbler, John
†Long, J. W. & Son
NEW VIENNA—Gerken, Henry
Wessel, John, Jr.
NORA SPRINGS—Bigelow, W. P.
Fizell, John
Fullerton, Alexander
Funston, L. R.
Goul, J. W.
NORTH ENGLISH—Ellet, W. E.
Johnstou, W. W.
Lockridge, J. A.
Reed, R. B.
†Roller, W. M.
Shanks, M. G.
NORTHFIELD—Darlington, S. R.
Fetrow, J. W.
NORTH LIBERTY—Mullin, J.
Snavely, M. F.
NORTH M'GREGOR—Baldwin, Charles
Brechler, Peter
Jennings, Lawrence
NORTH WASHINGTON—Friedman, O. J.
Nehl, Anthon
NORTHWOOD—†Quandahl, H.
Woodward, G. M.
NORWALK—Snyder, Madison
Wright, G. B.
NORWAY—Larson Bros.
Sperbeck, M.
OAKLAND—Brightman, M.
Pope & Chase
Slocum, S.
OCHEYEDAN—Buckman, C. L.
Kant & Wheeler
Keith, H. W.
Zeng, John & Son
ODEBOLT—Benett, E. E.
Core, Donald
Mingus, Moritz
Rowley, Frank
Smith, S. B.
OELWEIN—Lawrence, Frank
†Morton, Jno. & Son
OGDEN—Clark, E. C.
Oberg, Oliver
OKOBOJI—Miquel H.
Mills & Ackley
OLA—Casebolt, R. B.
Judd, Henry
OLIN—Curtiss, J. D.
Holmes, O. P.
Jackson & McDonald
Slife, S. F.

ONAWA—†Colby, F. E.
†Hodgin, W. E.
Messing, Gottlieb
Mead, J. A.
Mosher, A. Z.
†Pullen, M. B.
Sykes, Fred.
Taylor, W. W.
ONSLOW—Chase Bros.
OSAGE—†Nosser, J. J.
Silliman, Riley
OSCEOLA—Butler & Dietrich
Finnorta, Q. T.
Hall, Edward
La Huquet & Son
Paschall Bros.
Salter, W. F.
Sherer, D. H.
Smith & Webtser
Zink, Chas.
OSKALOOSA—Barnhart, F. A.
Breeden, J. B.
Dutton, B. T.
Eisninger, T. J.
Faulkenberry, Lewis
Hadley, W. B.
Hadley, Zephania
Hamilton, A. A.
Howerton, A. L.
McGlumphy, J. R.
Meredith, A. F.
Ritchie, C. H.
Rowe, J. L.
†Wetherell, Henry
OSSIAN—Lee, Andrew
Schmitz, J. J.
Uhley, Adam
OTO—Atkinson, C. G.
Bennett, W. W.
Squire, C. B.
Squire, Wm.
OTTUMWA—†Capell, Geo.
†Clifton, James
Cook, W. E.
Gortner, F. N.
Morgan, J. F.
†Salter, Frank
†Teeter, R. B.
†Wethall & Keefe
†Young, Frank
OXFORD—Douglas & Co.
Graham, W. J.
OXFORD JUNCTION—Pakaz, James
Shiminek, Chas.
OXFORD MILLS—Jeffrey, Frank
Keller, A. J.
PACIFIC JUNCTION—Davis, J. G.
Palmer, D.
Stillwell, James
PACKWOOD—Murphy, John
Sharp, Levi
PARIS—Davis, J. W.
Freeman, H. S.
PARKERSBURG—Bush, E. C.
Camp, I. W.
†Mills, F. D. & Son
†Netcott, George
Owen, J. D.
PARNELL—Chapman, John
Clark, W.
Wilson, J.
PATON—Busby & Edgerton
Walton, Chas.
PELLA—Fowler, Wm.
Lautenbach, Charles
Lautenbauch, Rintge
Liter, Jonas
PERCIVAL—Brockie, James
Hawley, Chas.
PERCY—Ogbur, C. C.
Waddle, Wm.
PERRY—Birdsall, J. G.
Campbell, B. B.
Cross, R. S.
†Courtney & Bolt (Large)
Dayton, E. S.
Goodman, Joseph
Hightshoe, Samuel
Huffman, D.
Wilcox, Taylor & Doss
Veatch & Son
PERU—Delaplain, O.
Dewitt, W. P.
Hurst, C. A.
PETERSBURG—Pasker, B.
Schneiders, Henry
PETERSON—Brees, J. W.
Merwin, B. W.
Pattee, Wesley
Shuey, Jeremiah
PLATTEVILLE—Propst, Daniel
Younkins, Wm.
PLEASANT PLAIN—Edwards, Walters
Lynn, Noah
Lynn, Thomas
PLEASANTVILLE—Bickel, G. S.
Iddings, Bros.
POCAHONTAS—Mickish, Joseph
Reyburn, F. D.
POLK—Houser, S. H.
Liechty, Aaron
Schaal, J. A.
POMEROY—Billings, C. M.
Lockie, C. L.
Terrill, John
POSTVILLE—Darling, C. P.
Stiles, E. D.
PRAIRIE CITY—Bailey, Daniel
Moore, Newton
Winters, L. C.
PRIMROSE—Hathaway, H. H.
Murray, E.
Prunekah, C.
Weirhaur, Wm.
PULASKI—Fryberger, G. P.
George, W. W.
Hayes, M. S.
QUIGLEY—Hanrahan, Wm.
Walters, Wm.
QUINCY—Morgan, E.
Robinson, Datis
RACINE—Boettcher, George
Garbiting, Fred.
Grote, Henry
Jessemlnger, Frank
Smith, Charles
RADCLIFFE—Bates, Thomas
Cammack & Lee
RANDALL—Benson, E.
Pederson, H. G.
RANDOLPH—Fleming, J. N.
Spangler, J. A.
READ—Knoth, Carl
Steylick, Carl
REDDING—Baird, J. M.
Crouch, Wm.
REDFIELD—Canfield, Albert
DeCamp, S. A.
Shillito, Edward
Wilder, Loring
RED OAK—Ahlstrand, S. A.
†Ashley, L. D. (Large)
Christopher, A. H.
Harding, W. A.
Hersman, J. J.
Pettit, James C.
Throw, Edw. R.
RENWICK—Lyons & Sawin
Myers Bros.
RHODES—Daugherty, James
Webster, J. E.
RICEVILLE—McIlravey, D.
Marsh, I.
Wilkes, Fred
RICKARDSVILLE—Atkinson, Frank
Roach, Wm.
RIDGEWAY—Alfson, John
Christianson, Martin
RINGSTED—Larsen, Andrew
Peterson, Peter
RIVERTON—Batcheldor, George
Manrose, D. P.
Manson, Anton
Waddell, Augustus
Williams, J. R.
ROBINS—Hoover, James
Mentzer, James
ROCK CREEK—Boeck, C.
Thomas, C.
ROCK FALLS—Edson, Hans
Kidder, John
Kinney, R.
ROCK RAPIDS—†Olson & Bradley
Squires, Wm.
Van Wagenen & Squires
ROCKWELL—Avery, A. D.
Garber, Wilson
Wiltse, D. C.
ROCKWELL CITY—Childs, R. W.
Fisher, Sherman
Medd, F. C.
Owens, Frank
Walters, John
ROLAND—Jondall, Henry
Wasthum, Ole
ROLFE—Depew, Chas.
Warden, J. L.
ROSE HILL—Isles, A.
Swiggett, J. A. C.
ROWLEY—Hawkins, John
Smith, A. H.
Smith, J. M.
RUDD—Atkinson, H.
Schultze, H.
RUNNELL'S—Beach, Daniel
White, Alvin
White, John
White, William
RUTHVEN—Salther, Peter
Salther, J. N.
RUTLAND—Devenport, W. H.
Green, G. G.
Locke, W. H., Jr.
SAC CITY—Culp, S. R.
Derby, R. H.
Hamilton, Alfred
Jenson, John
Schanck & Van Curen
Wine, W. G.
ST. ANSGAR—Anderson, Oscar
Martin, C. K.
ST. CHARLES—Armstrong, G. W.
Brogan, Wesley
SALINA—Feeter, George
Monson, J. M.
SALIX—Hamilton & Gibbs
Morin, H. P.
Morrow, L.
SARATOGA—Groat, W. E.
Lockie, A.
Sigler, Chas.
SAVANNAH—Hill, D.
York, F.
SCHALLER—Cobb, Lewis
Donaghue, B. L.
Walo, George
SCRANTON—Brader, Jacob
Bradford & Patten
SERGEANT BLUFF—Cooley, R.
Gould, William
Wolf, M. H.
SEYMOUR—Brown, W. H.
Bullington, S. S.
McAllister, A. G.
Milliken, G. P.
Smith, W. I.
SHADY GROVE—Buris, Thomas
Humelmell Bros.
SHEFFIELD—Bigg, D. E.
Gross, L. F.
SHELBY—Carling & Buckley
Cox, H.
Davis, Silas
Long, Luther
SHELDON—Conklin, G. W.
Dicks, D. A.
Farnsworth, Lorenzo
Johnson, A. W.
†McCallum, John
Pratt, F. W.
SHELL ROCK—Brower, J. W.
Coats, Alonzo
James, A. L.
Jones, E. M.
Whitaker, Abner
Whitaker, Israel
Winship, W. H.
SHELLSBURG—Phillips, George
Spicher, Isaac
SHENANDOAH—Wills, D. C.
Wright, Thomas B.
Yonker, Lewis
SHUEYVILLE—Anderson, C. O.
Williams, C. C.
SIAM—Johnson, Alonzo
Power, Charles
SIBLEY—Cram, S. J.
Learned & Carmichael
SIDNEY—Cross & Nickols
Hatten, C. H.
Havens, Chas.
Jobe, Thomas
Jordan, Nathaniel
SIGOURNEY—Swalls, D. P.
Vogel, A. J.
SILVER CITY—Bady, Edwd.
Harget, Frank
Huffaker & Bosworth
Spencer, P. M.
SIOUX CENTRE—Braskamp, W.
Scheener, John
Van Dust, J. H.
SIOUX CITY—Anderson & Switzer, 508 Water
†Babur, F. X., 408 Mass bldg
†Baker, R. F. Co., 315 Brown blk
Beck, F. F., 1311 Jackson
Boyer, J. A., 1505 W 7th
†Clark, A. J., 615 5th
†Gilliland, W. J., 409 Cook
†Goodrich, O. A., 3d & Park

†Halseth, Aaron, 905 7th
Harding, J. H., 311 Nebr
†Hegvold, Edw., 600 Rustin av
†Hopkinson, J. W., 614 Panoah
†Holtze, Saml., 1129 Oak
Iverson, Paul, 1121 13th
†Keefe, J. J., 306 Pierce
King, W. S., 1501 W 7th
†Millard, E. P., 22 6th
Millington & Johnson, 215 3d
†Mitzell Bros., 401 Pearl
†Moe, Chr., 311 6th
†Payette Construction Co., Richardson blk
†Russell, F. C., 219 Pearl
Smith, C. L., 1103 Summit av
†Smith, J. W., 1815 Ingleside av
Sterling, A. C., 1012 W 16th
†Trainer, G. B., 1802 Center
†Wahlberg, Nels, 904 Iowa
†Wall, J. P., 414 Pierce
†Wheeler & Rogers, 801 Floyd av

SIOUX RAPIDS—Carter, J. B.
Christenson, B. O.
Claus, A. B.
Refsland, Andrew

SLATER—Johnson, L. G.
Jondal, Henry
Overbo, Thomas
Winsett, Sybert

SMITHLAND—Fox, F. W.
Yockey, E. W.

SMYRNA—Bailey, Peter
Stoley, J. O.

SOUTH ENGLISH—Sloan, Wm.
Swawley, Wm.

SPENCER—Batman, John
Larraway, Frank
†Morrison Bros.
Raffempayer, Charles

SPILLVILLE—Jarosh, Joseph
Pashusta, Leopold
Soukup, Joseph

SPIRIT LAKE—†Davis, LeRoy
†Francis, T. J.
Reynolds, W. W.
White, E. N.

STACYVILLE—Peterson, C.
Tyler, E. B.

STANLEY—Clark, W. H.
Lincoln, J. W.

STANTON—Armell, A. J.
Malmburg, O.

STAR—Hopkins, N. B.
Smith, Charles

STATE CENTRE—Cutler, J. O.
Fairman, James
Fitch, D. H.
Van Pelt, G. I.

STEAMBOAT ROCK—Alden, G. B.
Cutler, James
Wickham, Winfield

STERLING—Clappison, W. H.
Guist, W. H.
Teamby, Wm.

STOCKPORT—Fickel, Jerry
Fox, J. B.
Gibson, L. T.

STORM LAKE—†Angler, Charles
Gilliland, G. M.
McLarnan, J. E.
Rae, Oliver
Reeder, Wm.
Russell Bros.

STORY CITY—†Grotness, S.

STRATFORD—Bloomberg, J. W.
Carpenter, E. S.
Hamilton, George
McKinney, J. W.
Narling, O. F.
Oslund, Peter

STUART—Colwell, J. R.
Chalmers, Leon
Goodwin, J. A.
Kautzman, George
Yeager & Morrison

SUMNER—Brooks, C. H.
†Finger & Co.
Parsons & Parrott Bros.

SUPERIOR—Bruno, Wm.
Hause, Johnson

SWALEDALE—Benson, J. P.
Pomplin, A. F.

TABOR—†Center, W. A.
†Ledgway, George
†McCormick, A. G.
†Russell, C. B.

TAMA—Fife, Albert
Newcombe, C. W.
Rhoads, L. L.
Sharp, W. A.
Williams, C. D.

THAYER—Burnworth, W. W.
Burrell, Joseph
Yahller, J. D.

THOMPSON—Nels & Ole Berg
Hopkins, W. S.

THORNBURG—Carr, E. W.
Hastings, Oscar
Santee, C.

THORNTON—Alberty & Gregory
Barlow, J. J.
Seney, S.

THURMAN—Hindman, T. T.
Thropp, N. E.

TIFFIN—Brown, E.
Stinger, R.

TIPTON—Bossert, B. F.
Geller, G. W.
Leefers, J. F.
†Reed & Hepner

TODDVILLE—Deal, D. W.
Hoff, Amos

TOLEDO—Beardsley, J. P.
Jones, A. A.
†Stoner, David & Sons

TROY—Bailey, J. C.
Darnell, Joseph
Luellen, William

TROY MILLS—Chester, E. W.
Chester, W. D.
Long Bros.
Moore, J. F.

TURIN—Edwards, A. M.
Kesterson, W. N.
Trafton, Albert

UNION—Burhart, Henry
†Pierce, George

UPDEGRAFF—Garlow, F. M.
McDonald, D.

VAIL—Butler, T. W.
Maxwell, Thomas

VAN WERT—Bullard, A.
Holt, Lewis

VILLISCA—Cockerill, Henry
Darneld, J. W.
Dayhuff & Swanson
Hagermaster, Henry
Kelley, Sam'l
Oyster, George
Patterson, M. W.

VINTON—Fisher, J. M.
†Graber, S. S.
Shaffer, John
Smith & Smock
†Sutton, M. S. (Large)

VIOLA—Fry, Adam
Shanklin, F. M.

VOLGA—Jewell, David
Libby, J. W.

WALCOTT—†Goettsch & Schrieber

WALKER—High, J. P.
Tohl, Henry

WALL LAKE—Bell, E. B.
Nomson, Julius

WALNUT—Backus, Andrew
Coats, Wm. H.
Seeger, Christian

WAPELLO—†Gore, Frank
Isett, W. S.
Stevens & Leamon
Wonnell, L. C.

WASHINGTON—Ball, H. A.
Conner, Samuel
Davis & Williams
Edworthy, Frank
McClean, Thomas
McCutcheon, J. A.
†Schraeder, Harry
Williams, John
Wylie, William

WATERLOO—†Barkman, S. M.
Bentroth, Henry
Campbell, C. W.
Dunham, Geo. F. (Large)
Frich, F. M.
†Graceley, C. A.
Haffa, A. W.
†Paul, J. M.
†Scales, G. F. (Large)
†Sims, Jno.
Stewart, J. H.
†Story, C. A.
†Frich, F. M.

WATERVILLE—Elefson, A. J.
Grimsgard, K. K.
Iverson, Peter

WAUBEEK—Cool, Delos
Warner, T. J.

WAUKON—†Leefeldt, Geo. P.
Pratt, N. H.

WAVERLY—†Fahnestock & Hursh
Hirsch, George
Hauser, Thompson
Howard, Charles
Krouse, Charles
Norton & Miller
Seekatz, George
Shane, J. J.

WEBSTER CITY—Adams Bros.
†Atkinson, C. E.
Beightol, Jno.
Briggs, C. L.
Jacks, Geo. S.
Jacobson, Joseph
Kleveland, Ole I.
†Pettibone, S.
Pringle, M. B.
†White, J. R.
†Zitterell, W. J. (Large)

WELLMAN—†Pfiel, Chris.
Taylor, O. L.
Wait, J. W.

WEST GATE—Farren, Wm.
Gaige, Henry
Westgate, S. S.

WEST LIBERTY—John, A. T. & W. R.
Wiley, M. & Son

WESTPHALIA—Gerard, Matthew
Stephany, John

WEST POINT—†Boeger, Wm.
Brockman, Wm.
Hardy, Joshua
Kemper, Theodore

WHAT CHEER—Baty, W. J.
Fletcher, J. T.
Herendeen, C. K.
Kester, Saml.
Palmer, J. N.
Pratt, Edw.
Slaven, J. O. & Co.

WHEATLAND—Bandrob, Jurgen
Farrington, T. P.
Grill, Herman

WHITING—Dudley, C. W.
Hite, J. M.
Kesterson, John
Tippens, M. L.

WHITTEMORE—Swanson, T. A.
Wagner, C. J.

WHITTEN—Nelson, L. B.
Smith, C. W.

WILLIAMS—Aumiller, Jacob
Posakany, John

WILLIAMSBURGH—Hughes, J. L.
Tuttle Bros.
Von Hone, George

WILTON JUNCTION—Cooling, Frederick
Cornwall, A. F.
Crisman, C. W.
Dixon, David
Moore, David

WINFIELD—Osborn, J. N.
†Reeves, M. N.
Rittenhouse, T. C.

WINTERSET—Darnall & Martin
†Kale, Jno R.
Kelso Bros.
Wheeler, J. W.
Whitlow, W. A.
Yeoman, A. E.

WOODBINE—Hushaw, Edward
Lyon, D. T.
Lyon, J. S.
Rathbun, H. H.
Torrey, A. C.
Vone, J. M.

WOODWARD—Burgess, H. C.
Grimm, J. L.

WYOMING—Brainerd, W. J.
Countryman, Henry
Norton, H. P.
Williams, R. S.

YALE—Aurand, E. S.
Feree, C. O.
Weigle, S. G.
Wilber, John

ZWINGLE—Denlinger, Isaac
Foster, J. R.

KANSAS.

ABILENE—Asper, D. L.
Bolster & Schreiner
Bradfield, J. J.
Keel, H. H.
†Kruger, Jacob L.
Pault & Jacobs
Thompson, W. H.

ALTAMONT—Buck, L. E.
Dennis, Lyman
Finlayson, Edw.

AMERICUS—Gaither, Simon
Hall, R. A.
Moorhead, Elias

ANTHONY—George, S. B.
Gratner, N. M.
Penrose, Jno.
ARGENTINE—Bass, M. J.
Drollinger, W. A.
Morrison, J. H.
Mulholland, J. P.
Sparks, J. M.
Thomas, W. B.
Wyatt, C. T.
ARKANSAS CITY—Conrad, Geo.
Ford, Hugh
ASHLAND—Harper, J.
Way, Jno.
ASSARIA—Munson, Andrew
Munson, Benjamin
Newman, H.
ATCHISON—Adams, W. H., 622 N 4th
Askren, Chas. R., 227 Ash
Baldwin, W. J., 1101 Commercial
Belleville, J. H., 1027 Kearney
Bergen, Jacob L., 723 X
Booker, P. R., 1146 Parallel
Brier, H. H., Union and Kearney
Cassity, Frank, 1124 Riley
Chambers, M. N., 601 Mound
Clark, A. D., Merkles Add
Clark, Reuben, 934 Mound
Cobb, Wm., 1227 Hickory
Coburn, Joseph, 715 N 1st
Cole, W. C., 920 Mound
Convely, Gus, 1005 Kearney
Cooper, Leonard, 717 U
Cross, B. F., 1520 Commercial
Cunningham, J. W., 713 N 10th
Davis, T. B., 500 N 7th
Dearen, Wm., Spring Garden
Donald, Alex. F., 926 Ann
Eaks, Wm., 1133 Riley
Fitzgerald, Richrard, 721 Y
Fransue, Aaron, 609 George
Fusselman, John, 1203 N 7th
Grimm, Frank G., 604 Atchison
Grunert, Wm., 820 N 7th
Hanson, H. C., 716 Riley
High, Philip, 1221 N 7th
Hines, F. M., 720 Henry
Lambe, John S., 1013 S 4th
Lang, Peter, 512 Kansas av
Lungwitz, Robert, 914 N 8th
Luth, Henry, 717 Santa Fe
Malloy, Alfred, 718 Parallel
Martin, Jacob, 419 S 7th
McCleary, T. B., 914 Atchison
McCrissican, Edward, Jr., 216 N 12th
McKeever, A. C., 1026 Mound
Melloy, A., 223 N 5th
Miller, John, 438 S 7th
Moore, Alfred H., 1440 S 7th
Myers, A. W., 1419 Santa Fe
Newhart, G. W., 802 Henry
Palmer, John H., 608 R
Parker, Albert, 101 Laramine
Phillip, Frank, 107 Mound
Recht, John, 725 Riley
Roth, Joel W., 927 S 6th
Roth, Preston John, 927 S 6th
Roth Wm H., 1209 S 6th
Rowley, P. E., 307 N 14th
Schaefer, Gottlieb, 917 N 11th
Schaefer, Louis, 1311 Division
Schwartz, Chas. R., 514 Santa Fe
Schwartz, J., 514 Santa Fe
Shuck, Wm., 1417 N
Sigwald, Chas., Sr., 723 N 2d
Simpkins, W. H. H., 311 N 6th
Spatz, J. J., 918 Commercial
Smith, L. S., 1402 Pacific
Smith, John W., 1027 Walnut
Sowers, Henry, 1017 N 10th
Stolp, Fred., 1129 Kearney
Tabbert, Herman, 1020 Kearney
Towsley, S. G., 205 N 6th
Tracy, Geo. M., 1017 N 6th
Transue, A. L., 906 George
Turner, C. S. A., 213 N 14th
Tuttle, C. T., 1414 P
Uhlrich, Gottfried, 1130 Riley
Uhlrich, Wm., 904 N 10th
Vaughn, Benjamin, 709 M
Wedgwood, John L., 519 S 7th
Weingar, Leonard, 2d and Division
White, Newton, 1239 N 7th
Wright, J. T., 1124 Parallel
Yaple, Arthur, Goodhue Park
Yaple, Chester, Goodhue Park
Yaple, Hiram, Goodhue Park
Yaple, Norman E., Goodhue Park
Zimmerman, Adam B., 5th and Parde
AUGUSTA—Bruce & Morgan
Council, Oren
Welch, Walter

AXTELL—Brown, N. L.
Ivers, O. A.
Miller, & Whittin
White, Edw.
BARNARD—Hawk & Limpus
Jones, J. W.
Limpus, N.
Snapp, W. D.
BELLE PLAINE—Haffner, V. T.
Pickly, Kanie
Powers, Jacob
BELLEVILLE—McCollough, Jno.
Nelson, G. W.
Nelson & Miller
BELOIT—Headley, Edw.
Mehl, Henry
Pace, T. H.
Wooster, C. C.
BENNINGTON—Grant, S.
Moxley, S. J.
Sabin, I. L.
BLUE RAPIDS—Allerdice Bros.
Edinburgh, H. B.
Garrison, Wm.
Riddle, F. M.
Segur, Anson
BURLINGAME—Bothell, Geo.
McCutcheon, W. I.
Mavis, A. D.
Mehl, Frank
Roach, Jas.
Sheppard, Geo.
Sheppard, Wm.
Taylor, F. E.
BURLINGTON—Croy, Jno.
Henderson, Jno.
Pennington, Rhue
Rhoades & Rayburn
Simpson, L. E.
South, S. C.
CALDWELL—Crosslin, B. E.
Murray & Goff
Nelson, Jeremiah
CANEY—Cavis, W. L.
Middleton, Jno.
Miller & Mitchell
Summer, W. A.
CARBONDALE—Irvin, John
Irving, Wm.
Platt, W. E.
Shartz, G. W.
CEDARVILLE—Crosby & King
Rea, T. W.
Tracy, R. M.
CENTREVILLE—Smith, Henry
Smith, R.
Tallman, J. B.
CHANUTE—Chapman, F. C.
Clark, H. G.
Rixon, Chas.
CHENEY—Gilmore, Jno.
Kimball, L.
Rankin, G. H.
Whitehead, Samuel
CHEROKEE—Howard, Wm. H.
Van Horn, A. R.
CHETOPA—†Bannan, J. M., 5th, cor Pechin
†Birdsall, A. H., Pecan, btw 6th & 7th
†Clark, T. H. & Son, Delaware
†Etter, H. B., Cherokee av
†Gilmore, H., R. R. add
†Hubbel, I., 2d c Elm
†Humphrey, W. H., st c Pecan
†Louderback, S. S., Cherry
†Sheridan, S. W., N. W. Suburb
CLAYTON—Criswell, I. M.
Diemer, C. F.
Griffith, T. I.
CLIMAX—Powers, E. B.
Smith, M. F.
Wing, B. F. & Son
CLYDE—Carpenter, E. H.
Gaylord, Henry
Tracy, Wm.
Turner, David
COLBY—Barker & Vail
McLin, Sidney
Shafer, J.
CONCORDIA—Ball, Chas.
Larson, L. P.
Patton, C. E.
Short, W. T.
CONWAY SPRINGS—Gwin, D. L.
Krebs, G. W.
Pero, Frank
Richards, Jno.
COUNCIL GROVE—Axe, Joseph
Hafer, Peter
Jenkins, S. W.
Rouslot, F.
COURTLAND—Campbell, Wm.

Dobbins, H.
Jewett, W. P.
Morse, S.
DELAVAN—Harkness, John
DELPHOS—Davis, Z. R.
Shippee, J. C.
Taylor, Chas.
Trumble, Geo.
Warren, H. S.
DODGE CITY—Foley, Wm.
Goodrich, E. B.
Hammond, R. H.
Hudson, Isaac
Winans, G. W.
DOVER—Bennett, T. E.
Corkhill, R. O.
Drake, Frank
Main, Jos.
ELDORADO—Baker, M. M.
Sanford & Small
Shriver, N. N.
Stewart, L. D.
ELK CITY—Comer, Samuel
McGee, A.
Reed & Burton
Robertson
ELK FALLS—Neeland, John
Ruthruff, C.
Stout, Thos.
ELLINWOOD—Drake, Jas.
Riesse, Frank
Schaeffer, Louis
Summerlott, I. B.
ELLIS—Gesner, J. H.
Lent, S. J.
Murden, R. R.
ELLSWORTH—Eldridge, Delos
Flanders, Alden
Flaunders, Archibald
Flanders, Geo.
Ingram, E. H.
White, Jno.
EMPORIA—†Bailey, L. F.
Bell, J. L. W.
Drake & Houghton
Druggan, T. H.
†Jilson, A. L.
Jones, J. L.
Leatherwood & Miller
Lewis, W. A.
†Martin, C. C.
Murran, S. E.
Obley, A. H.
†Pier, H. D.
Sprague, C. E.
†Sprague, E. F. F.
Squire, C. W.
Starbeck, J. H.
Thomas, D. L.
ENTERPRISE—Howard, S. W.
Koch, Henry
Rose, John
ESKRIDGE—Coxen, O. L.
Greene, Robt.
Greene, R. W.
Kelly, A. J.
EUREKA—Challacombe, J. B.
Clark, J. R.
Crebo, Edward
Teelgardin & Teeglar
FLORENCE—Cooper, James S.
Dehm, August
Underwood, Jesse
FORT SCOTT—†Ayer, Jno. E., Judson bet 5th & 6th
†Dalsey, B. L., 1024 Judson
Goodlander, T. W.
Ireland & Rollins
Keplinger, A. L., 1421 E Oak
†Shurram, Wm., 1280 Wall
FRANKFORT—Campbell, J. W.
Ferguson, G. H.
McCampbell, Thos.
Rickson, Chas.
Snodgrass, A. W.
FREDONIA—Hastings, C. A.
Hollis, R. A.
Russell, Wm. M.
Wolever, J. H.
Wolever, Saml.
GALENA—Francis, Jno.
Howell, Repspina
Robinson, T. S.
True, C. V.
Wright, W. W. W.
GARDEN CITY—Brown, A. L.
Garlow, Johnson
Neal, Benj.
Pile, Frederick
GARDNER—Cramer, L. P.
Cunningham, T. R.
Murphy, P.

GARNETT—McAfee, J. Q.
Stein, W. H.
Wilson, J. S.
GIRARD—Herriman, J.D. C.
Lake, T. N.
Lash, Guy
GODDARD—†Carpenter, N. G.
†Montgomery, B.
†Rosentiel, L. O.
†White, D. D.
GREAT BEND—Brumbaugh, Noah
Cramer, F. J.
Cripe, N. F.
Gage, Wm. M.
Likes, L. F.
Volmer, Fred
Wilhide, T. N.
GREELEY—Benson, V. M.
Dixon, Geo.
Fank, Albert
Lane, Benj.
GREENLEAF—Beverly, A. M.
Clark, W. C.
Mathews, C. B.
Moon, Geo.
GRINTER—Cleveland, N. C.
Dall, J. W.
Haudte, A. M.
Mooney, R. Y.
Sneasey, J. R.
GYPSUM—Hanna, Chas.
Long, Daniel
Swisher, J. B.
HALSTEAD—Barnard, Wm.
Rand, H. D.
Sherb, Carl
Steele, Benton
Todd & Sherb
HANOVER—Jacobs, Geo.
Kloppenberg, Ignatz
Sonderman, Jno.
Straub, Jacob
Wetters, Anton
Wollenburg Bros. & Co.
HAYS—Brosius, J. L.
Craig, Jas.
Cram, George
Wolfe, J. D.
Ziegler, G. W.
HESSTON—Egy, Jno.
Herneyman, C.
Northcott, B. H.
HIAWATHA—Aman, Conrad
Babcock, L. H.
Christine, Jno.
Frazier, Wm.
Hirth, J. K.
Schupp, J. G.
Schwartz, B. F.
HILL CITY—Alvord, E. S.
Deihle, Daniel
Henderson, Jas.
Hughes, W. A.
HILLSBORO—Goetz, Jacob
Kaufman, H. C.
Vogt, Frank
[illegible]N—Cork, Wm.
Frye, Wm.
Hall, Wm. H.
Millard, C. E.
Mitchell, G. W.
Plinkington, J.
Sodrastrom, J. Wm.
HOLLIDAY—Ellicott, G. W.
Hickock, C. W.
Michael, Jno.
HOLTON—Athey, Wm.
Jackman, L. R.
Thompson & Strohmig
HOLYROOD—Binger, G. H.
Woodmansee, M. G.
Woodmansee & Jones
HORTON—Bauer, Victor
Braley & Son
Donaldson, Jno.
Trimble, Jno.
HOWARD—Clay, G. G.
Davis, Wm.
Steele, A. W.
HOYT—Beeson, J. C.
Housknecht, C. W.
Leach, Webber
HUMBOLDT—Brunson, Frank
Ellis, T. W.
Fintner, J. M.
Smith, C. M.
HUTCHINSON—Cathcart Bros.
Fairchild, W. K.
Harmony, W. J.
Miller, G. E.
Rawson, Mathew
Rexcord, B. S.
Schmidt, T. J.
Shears, Geo.
Smith, J. I.
†Snyder Planing Mill Co., Inc. (Large).
Wagoner, M. H.
INDEPENDENCE—Adams, C. H.
Slusher, W. A.
Welker, Enoch
IOLA—†Cecil &Nave
Jones, J. E.
†Roberts & Harris
†Wilson, Jas.
Wood, D. C.
IONIA—Colson, A.
Lawson, Jas.
Rose, G. T.
JAMESTOWN—Jenkins, Wm.
JEWELL—Berry, J. W.
Greene, A. T.
Holmes, W. H.
Plowman, Arthur
JUNCTION CITY—Freeman, Jas.
Heidy, J. W.
†Moses, Geo. C.
Phillipsen, L. P.
†Switzer, E.
†Ziegler & Dalton
KANSAS CITY—†Allen, Edward, 637 Osage
Allen, Stephen, 936 Kansas av
†Anderson, C. J., 915 Ohio
†Brown, J. W., 1964 N 6th
†Brown, John, 837 St Paul
†Brown, Hy. E., 1405 Stewart
Brownsberger, W. H., 1014 N 6th
Buckley, Jno. F., 350 Washn
†Burtner, C. T., 1230 Ohio
†Burtner, S. O., 1230 Ohio
Caswell, Daniel E., 443 Washn
†Cashin, Henry, 534 Barnett
†Cates, Chas. P., 845 Minn av
†Clark, F. S., 369 S 10th
†Clark, J. N. D., 634 Sandusky
†Combs & Son, 406 Kansas av
†Davidson, S. J., 744 Stewart
Diamond, Jos., 36 N 2d
†Elliott, R. B., 238 N 16th
†Evans, T. S., 647 Orville
†Ferguson, John, 334 N 7th
†Ferguson, L. G., 570 S Park
Fishburn, R. W., 522 Washn
Glascock, T. J., 1031 Armstrong
Hager, P. A., 226 N 8th
†Hoffman, E. J., 730 Everett
Inge, C. H., 1264 Osage
Kemp, Leonard, 508 N 5th
Kerns, Robt. E., 540 S 4th
†Kreisher, P. H., 739 Armstrong
Lauthers, Albert G., 834 S Mill
Long, David E., 609 Quindaro blvd
†Meyn, F. C., 802 Shawnee
†Montgomery, R. R., 1306 Ann
†Moore, S. R., 213 Stewart
†Pilant, Stephen T., 1248 Kansas av
†Prather & Rowe, 747 Minn av
†Prather A. G., 1330 Waverly
†Rand, J. H. & Son, 1233 Taylor
†Russell, T. C., 2111 N 5th
Ryan, E. D., 833 S Balt
Schogren, Chas., 276 N 6th
Small, Jos., 822 Tauromee
Smith, D. F., 837 Splitlog
Smith, Eugene H., 1540 Wood
†Smith, J. A., 1720 N 5th
Smith, J. B., 741 Parallel
Sparks, H. E., 523 Minn av
Tann, Wm. F., 356 Ferry
†Tressler, S. B., 511 Everett
Waddle, J. L., 1700 N 7th
Walker, Joshua, 1134 Cleveland
†Williams, W. J., 931 Pyle
†Wheelock, Truman, 22d nr Quindara blvd
Wright, Lucius S., 836 S 4th
KEELVILLE—Blackburn, M.
Davis, J. B.
Tompkins, B.
KELLOGG—Cook, B.
Parma, G. E.
Randall, L. D.
KELLY—Bradt, D. R.
Eversal, Andrew
Funk, Abraham
Neff, I. B.
KINGSLEY—Avery, Fredk.
Cole, F. N.
Kennedy, Walter
Reeder, J. J.
Robinson, Leonard
LA CROSSE—Anderson, O. S.
Lawrence, S. H.
Williams, C. W.
LA CYGNE—Beckem, Elvin
Gould, F.
Lindsey, W. E.
Petefish, N. W.
LARNED—Fell & Pares
Hurley, Jno.
Lott, Jerome
Mehl, Henry
Williamson, John
LAWRENCE—Brown, Jira, 740 W Henry
Pennington, H. L., 1406 Connecticut
Phillips, A. J., 609 Vermont
Gustafson & Palm, 838 New York
†Schneider, E. H. F., 9 W Berkley
Sullivan, Charles, 810 Vermont
Watts, J. C., 935 New Hampshire
LEAVENWORTH—Bailey, G. L., 621 Walnut
†Coldren, H. W.
Dawes, W. E., 617 Shawnee
Desmond, Michael, 514 Linn
Doty, J. W., 918 S 2d
Flinn, David, 306 Shawnee
†Foley, James
Forbes, W. G., 1302 Grand av
†Fuller, W. G.
†Hewett, Jno. G.
Hoge, James, 411 Vine
Inkman & Kohn, 733 Cheyenne
Jackson, W. A., 626 Shawnee
†Kelly, V. A., 812 Ottawa
Lanzer, Henry, 323 Shawnee
†Madden, Jno. P.
Reagan, Michael, Michigan and 5th av
Schott, G. P., 405 Osage
†Tarr, C. M., 428 Delaware
Walter, L. M., 922 Dakota
Way, W. C., Shoemaker av & Ohio
†Willcott, John & R., 420 S 5th
Wright, E. M., 514 Delaware
Wright, J. M., 758 Cherokee
†Wright, M. S., 785 Spruce
LECOMPTON—Day, D. B.
Day, E. I.
Day, W. R.
Gehon, Chas.
Smith, G. W.
LEHIGH—Hinther, Henry
May, A.
Suderman, J. M.
Weyand, Henry, Jr.
Wiederstein, H.
LEON—Allen, Jno.
Martin, W. H.
LINCOLN—Baker, W. P.
McLain, T. J.
Peterson, Hans
Trager, A. J.
LITTLE RIVER—Allam, H. B.
Canfield, H. L.
Davis, R.
Davis, W. E.
Metz, T. J.
LOGAN—Rundle, Louis
Snyder, H. F.
Zimmerman, Geo.
LONGTON—Lerow, W.
Mathias, H. M.
Miller, C. T.
LORRAINE—Groth, S. G.
Heimuller, E.
Heitman, Geo.
LOWELL—Cox, U. S.
Rounsavell, A. A.
Rounsavell, F. S.
LYONS—Mowery, G. H.
Nash, Warren
Pyle, J. A. & Sons
Shauer, A. J.
Sollitt, J. C.
M'PHERSON—Coons, J. L.
Height, Joe
Hogstrom, Alfred
Modine, Nels
Nelson, Stephen
Pratz, J. L.
MANKATO—Bennett, W. G.
Fuson, Milton
Hollingshead, I. C.
MARION—Bitner, J. L.
Hosea, T. M.
Kable, H. C.
Pyle, R. F.
Wakefield & Son
MARQUETTE—Benson, Jno.
Holt, S. B.
Nelson, Jno.
MARYSVILLE—Hover, W. D.
Lockard, A. F.
Stewart, Clark
Trinen, Matt
Werner, Fredk.
Wiellschlager Bros.
MEDICINE LODGE—Hitt, O. J.
Montgomery, Jefferson
Parson, Wm.
MITCHELL—†Casale, Jno.

MOLINE—Caldwell, S. H.
Hull, John
Hensell & Howes
Sheern, Ernest
MOUNDRIDGE—Alber, Gust.
Hardtke, Jno.
Kirchhofer, Abraham
Krehbiel, D. J.
Sommer, Ludwig
MULVANE—Citizen, J. B.
Dunham, Cyrus
McLain, M. J.
Seigfried, James
MUNJOR—Leiker, John
Leiker, Peter
Rohr, Matt.
NEW CAMBRIA—Batdorf, D.
Everett, James
Kanagy, Henry
Richardson, Mace
NEWTON—Bartel, Bernard
Crandall Bros.
Evans, B. F.
Fierce, Clark
Froese, Julius
Funk, Dietrich
Gordon, James
Hanna Bros.
Miller, J. F.
NORTH TOPEKA—†Betts, J. B., 1027 Quincy
Emert, F., 114 W Laurent
†Kemper, N. S., 1534 Jefferson
Schenck, W. W., 1332 N Quincy
OAKHILL—Clark, A. L.
Ford, L. T.
Tuttle, L. J.
Walters, Simon
OBERLIN—†Berry, John
†Dale, W. A.
Stout, Jos. D.
ODIN—Corrance, W.
Garrison, Theodore
Koster, W.
OLMITZ—Hickey, Eugene
Meitner, Joseph
Tosh, Wm. & Son
ONEIDA—Marshall & Pierce
Russell, Frank
Slater, James
OSAGE CITY—Kern, George
Montrose, Charles
Olson, Benjamin
OTTAWA—Black, J. F.
Darby, Stephen
Foster & Lindzy
Fredon, Malcolm
Lucas, J. W.
Morrow, Alex.
Scott, J. W.
OSWEGO—Douglass, Marshall
Fleming & Son
McLane, John
OVERBROOK—Adams, R. B.
Huston, F. M.
Mason, C. G.
PARSONS—Bero, Edward, Sr.
Camp, George
Foyle, Edward
†Grey, George
Himyie, W. A.
Martin, H. L.
Morning, W. J.
Scheidts, J.
†Widmer, Wm.
PEABODY—Carson, J. C.
Harsh, W. J.
Myers, M. S.
Traver, J. W.
PERRY—Larimer, H. D.
Leach, Frank
Swan, Charles
Taylor, Millard
PERU—Cummings, W. R.
Floyd, F. M.
Floyd, J.
Thomas, C. E.
PFEIFER—Mains, J. A.
Rogers, R. W.
Slitter
PHILLIPSBURG—Drake, J. W.
Fisher, K. N.
Getz, Conry
Hartwell, Jesse
PITTSBURG—Bowman, J. D.
Fletcher, C. A.
Green, W. C.
Hastings, C. A.
House, Lafayette
Jordan, G. E.
Kelley, W. F.
†Massman, Fred.
Schmidt, Albert
Watson, A. M.
Weaver, William
Whistler, Adam
Willoughby, W. W.
PLASANTON—Collinsworth & Whitman
Conly, J. F.
Garrett, John
Haines, J. M.
Johnson, Isaac
Kennedy, Robert
Whitman & Collinsworth
PORTERVILLE—Curry, George E.
Day, Frank
Shull, David
PRATT—Fretz, N. K.
Shrontz, Frank
Ulery, David
Ward, Samuel
QUINDARO—Banks, William
Connor, R. T.
Jones, Butler
Smith, V. W.
Weaver, Fred.
READING—Edson, J. H.
Hayes, Perry
Willmore, George
ROBINSON—Borden, J. N.
Epps, E. F.
Pirkey, O. F. A.
Truex, C. M.
ROSEDALE—Bowen, E. M.
Gordon, W. W.
Hughes, M. C.
Kelsey, F. A.
Leavengood, D. J.
Marshall, J. E.
RUSSELL—Householder, J. A.
Lacey, C. L.
Phinney, J. L.
Russell, J. H.
SABETHA—Bowers, Frank
Kerr & Metz
Long, D. S.
Wickham & Wilson
ST. GEORGE—Beck, Fredk.
Gee, W. H.
Rhodes, John
SALINA—Breaithwait, I. W.
†Brown, B. F.
†Crawford, C. D.
†Daum, John & Son
Dillon, I. P.
Hendershott, L. D.
Johnson, John
†Jones, A. E.
Kerns, A. J.
†Kohr, W. H.
Nelson Bldg. & Mercantile Co.
Norton, J. I.
†Perry Bros.
†Valin, John
†Van Kirk, J. M.
†Wilmarth & Zerby
SCANDIA—Carlton, C. J.
Christianson, T.
Leweke, F. F.
SEDAN—Brozier, John
Hamilton, H. E.
Miller, Thomas
Wilson, I. H.
SEDGWICK—Anderson, W. W.
Barnett, Joel
Chandler, C. H.
Stevens, M. H.
SENECA—Fisher, Fredk.
Grove, James
Smith & Woltkamp
Vorhes, M. E.
SEVERANCE—Miller, G. L.
Plank, P. E.
Wells, J. C.
SHOREY—Ayres, George
Miller, Charles
Miller, Harry
SIMPSON—Galloup, G. B.
Rathbun, A. A.
Wanser, James
SMITH CENTRE—Colthar, N. W.
Marion, W. H.
Moorman, John
Williams, E.
SOLOMON—Campbell, John
Gatchet & Crowell
Reiff, J. S.
SOUTH CEDAR—Bruton, Walter
Coleman, W. J.
Coultner, F. H.
STAFFORD—Allen, Merritt
Fort, C. H.
Hull, Jesse
McGill, C. F.
STARK—Crow, T. E.
Honeker, S.
Saunders, R. M.
STERLING—Betts, Thomas
Hodd, G. M.
McKinney, J. C.
Truesdell, R. R.
STILWELL—Brown, Charles
Cave, D. T.
Harbeson, George
Jones, C. B.
Patterson, John
STRONG—Denison, Scott & Frank
Fritze, Theodore
Fritze, William
Goudee, J. A.
McDonald & Clay
THROOP—Guy, W. G.
Howe, E. L.
Johnson, J. W.
TONGANOXIE—Ballou, Lincoln
Cronemeyer, Simon
Geist, J. S.
Skingley, William
Strange, Philip
Taylor, R. J.
TOPEKA—†Bennett, H., Mulvane, n Huntoon
†Betts, J. B., 1029 N Quincy
Blanch, Frank, 114 E 8th av
†Bowers, T. H. & Co., 407 Monroe
Clark, E. F. A., 107 Tyler
†Council, M., 326 Van Buren
†Cuthbert & Sargent, 18th & Topeka av
†Fellows, Chas. A., 716 Lincoln
Gill, P. H., 605 E 10th av
†Gobrecht, M., 416 Woodlawn av
†Heery, Michael, 326 Monroe
Holcomb, M., 212 W 7th
Horner, H. C. & Co., 113 E 7th
Keller, N. E., 116 W 7th
Ladd, J. H., 417 W 10th av
†Lescher, Geo. M., 909 Monroe
McGiffin, B. F., 605 Jackson
McGffin, J. R., 114 W 7th
McNair, C., 1027 Kansas av
Mills, Jno. B., 119 E 7th
†Myers, M., 1325 Tyler
†Scott & Easler, 1013 Arch
Smith, E. H., 213 W 6th
†Spencer, F. M., 121 W 10th
†Swanson, Oloff, 808 E 8th
Vansant, Francis E., 1410 W 6th av
Weible, W. R., 117 E 7th
TWIN FALLS—Campbell, W. O.
Neville, John
Smethers, Walter
TYRO—Brim, M.
Plew, M. W.
Tinkle, Benj.
VALLEY FALLS—Knouse, W. F.
Lord, T. C.
Nachand, O. S.
VERMILLION—Arnold, Isaac
Stratton Bros.
Warren, G. W.
VLIETS—Carlson, Verna
Stratton & Sons
Swarts, O. W.
WALTON—Himebaugh, Jacob
Ives, C. W.
Mobley, John
WAMEGO—Hathaway, C. E.
Richardson, A. H.
Sebring, David
Welty, A.
WASHINGTON—Allison, Jno.
Frazier, Jno.
Musser, J. C.
Walker, A.
WATERVILLE—Benicke, F. A.
Fitzgerald, W. E.
Jones, Horace
WEIR—Blanchard, F. A.
Davis, Geo.
Pace, Joseph
WELLINGTON—Brown, E. L.
Lovingfoss Bros.
Mahan, Peter
Wilson, B. B.
WELLSVILLE—Harper, E. O.
Harrison, D. E.
Kinzie, R.
Mignot, Henry
Steen, Nathaniel
WESTMORELAND—Grutzmacher, W. T.
Hall, J. W.
Scholes, A. B.
Shiner, F. S.
WHITING—Donovan, Wm.
Ernest, J. J.
Hadley, J. M.
Ternest, John
WICHITA—Bachtel, H. J., 515 Hewett, W P.
Bair, Samuel, 328 N Washington

Borden, F. C., 1422 S 4th
Brandt, Jos., 210 W 1st
Downing, B. H., 329 N Wichita
Filkins, T. P., 448 Waco
Gleeson, M., 2003 E 2d
Goodrich, H. B., 111 N Market
Hutchinson, R. B., 349 N Main
†Jones & Sons. 118 E 2d
†Miller, Louis, 437 N Main
†Minnick, Andrew, 106 S Lawrence
Palmer, W. H., 628 N Walnut
Sprague, J. W., 131 S Ida
†Stemberg, W. H., 1505 N Rochester
†Taylor, J. H., 520 S Campbell
†Waddell, A. J., 140 N Market
Williams, Horace, 114 E 2d
Wright, W. B., 210 N Seneca, W S
WILSON—Coover & Teller
Frantz, Henry
Wolfe, W. S.
WINFIELD—Denny, W. P.
Phillips, E. H.
Shrock & Seaman
Strader & Olin
Wilson & Wood
Zartman, Chas.
YATES CENTRE—Evert & Ohler
Johnson & Winn
Whittaker, T. J.
ZELLA—Barrister, L. L.
Campbell, Samuel

KENTUCKY.

ALEXANDRIA—†Hartman, Wm.
ASHLAND—Hackworth, Green
Long, Wm.
†Standard Planing Mill & Bldg Co (Large)
Wilson, A. A.
AUBURN—Hurt, Henry
Payne, Wm.
BARBOURSVILLE—Bushon, G. A.
Herdon & Boulton
BARDWELL—Ponder & Cotner
BEAVER DAM—Austin, A. J.
Baldwin, D. L.
Hudson, J. M.
BEECH GROVE—Clark, J. S.
Jobe, S. Y.
BELLEVUE—Geeslin, Jos.
Hall, G. C.
Hanna, Oscar
†Pflueger, F. P.
Ross, J. M. & Sons
BLANDVILLE—Roberts, J. P.
Roberts, T. F.
Weaver, L. W.
BLOOMFIELD—†Batchelor, J. C. (Large)
BOWLING GREEN—†Causey & Haynes
†Dearing, Drew
†Donnelly & Allison
†Johnson, Valentine
†Kister, F. L., Jr.
†Parks, Wm.
†Roemer Bros
†Russell Bros
†Smith, Chas. H.
BRADFORDSVILLE—Burke Bros
Wright, I. J.
BROMLEY—Sullender, Wm.
BROOKS—†Bailey, Geo. T.
BUFFALO—Despain & Hobbs
Mitchell, Joseph
Ramsey & Wilson
BURKESVILLE—Baker, J. A.
Cheek, John
BURLINGTON—†Rice, W. J.
BURNSIDE—Dick, C. R.
Diem, B. F.
Skipworth, G. W.
BUTLER—Forward, Chauncey
Holmes, James
Perry, J. E.
CALHOUN—†Muster, J. H.
CAMPBELLSVILLE—Carson, A. C.
†Creel, R. E.
Jeter, R. E.
†Jones, W. C.
CARLISLE—Alexander, J. M.
†Henry, Isaac N.
†Humphrey, J. H. & Co.
CARROLLTON—Kipping & Son
Reuschler, Gus & Bro
CATLETTSBURGH—Kilgore, J. A. & Co
†Milburn, Frank P.
CENTRAL CITY—†Dauer, Samuel
Edwards, D. Sons
CLAY—Cook, Davis
Pritchett, B. B.
Vaughn, Jack
Watson, Alexander
Wicks, J. W.
CLOVERPORT—Gregory, G. H.
†Johnson, A. J.
COLUMBUS—Columbus Building & Loan Association
Gale, Henry
Gale, John
Gest, John
CORYDON—Crawford, J. W.
Edmonds, Felix
King, G. W.
COVINGTON—Arnold, Fred., 334 Pike
Bose, Frank, 1018 Bank Lick
Boyd & Daniel, 20th & Garrard
†Brodet, Wm., Scott & 20th
Collopy, John J., 36 Beech
†Craig, A. J., 24 W 9th
Craig, John J., 24 W 9th
†Culbertson, Robt. E., 915 Scott
Fangmann, B., 196 W 12th
Gossett, Samuel W., Garrard opp 16th
Green, John R., 2004 Scott
†Gresham, E. L., 413 Madison av
Heineman, Jno. F., 1551 Bank Lick
Heineman, Timothy, 809 Russell av
†House, C. W. & Son, 1326 Bank Lick
Jones, John W., 36 W 8th
Kuhn, Geo., 152 E 17th
Lowry, J. G., 17 E 3d
†Lubrecht, Geo., 951 York
Meimann, Henry & Son, 176 E 13th
Meuthing & Heilmann, c Buch & Greenup
Mulvey, J. C., 533 Madison av
Piel, Christ, 1723 Scott
Pohlkamp, J. H. & Son, 286 W 12th
Rose, John D., 36 W 8th
Rouse & Cleveland, 1825 Greenup
†Shaw, S. C., 835 Willard
Wilbers, Henry A., 265 W 13th
CRAYTON—Day, J. A. & H. E.
CYNTHIANA—†Cynthiana Planing Mills
Fowler, T. M.
Rees, Addison
Stevens, J. R.
DANVILLE—Lord, Alfred
Tennyson, James
DAYTON—Keslar, Frank M., 409 Dayton av
†Kreidler, Chris, 825 Terrace av
Rawlings, Thomas C., 704 Vine
DIXON—Dixon, J. M.
Herrin, R. L.
DOVER—Cleveland, E. F.
Hanna, E. H.
EMINENCE—Booker, J. H.
Hanks, W. T.
Stark, W. E.
ERLANGER—Drysdale, J. F.
Kirmisch & Snyder
Myers, F. H.
Victor, Alonzo
FORDSVILLE—Armstrong, George & H. F.
Brown, T. W.
Miller, J. A.
Miller, W. H.
FRANKFORT—†Choat & Finnell
†Cryer, S. C.
†Pence, S. T.
FRANKLIN—Biggs, J. P. & A. J.
Medlock, William
GERMANTOWN—Erion, G. W.
Power, R. H.
Stiles, A. P.
Thompson, R. P.
Youngman, A. P.
GLASGOW—Chamberlain, E. P.
Hatcher, Jerry
Pace, J. B.
Smith, W. F.
GRAYSON—Davis, Jonathan
Hatchett, W. A.
Hatchett, W. R.
GREENSBURGH—Cox, J. E.
Taylor, F. J.
GREENVILLE—Kinsella, Joseph
Wilkinson, W. H.
GUTHRIE—Grant, D. H.
Worley, M. M.
HARDINSBURG—Beard, Clayton
Eskridge, Roscoe
HARRODSBURG—Bradley, R. C.
Ewing, J. C.
Smock, B.F.
Stagg, J. P.
Woolbridge, William
HARTFORD—Bozarth, J. J.
Carson & Sons
Mawzy, W. H.
HEBBARDSVILLE—Conaway, J. H.
Van Bussum, M.
HENDERSON—Bailey, W. H.
†Brashear, Walter
†Connell, Sam'l
Day, W. F.
Coomer, Geo. W.
†McGrau, W. E.
†Mundo, Jno.
†Neiton, F. M.
Holland, Jno.
Holland, Lee
Jones, B. J.
McBride, Harry
Suell, J. S.
HICKMAN—Millard, J. D.
Perry, A. N.
Wallace, T. V.
HIGH GROVE—†Cassell, G. W.
HOPKINSVILLE—†Dagg Planing Mill & Building Co. (Large)
†Forbes & Bro. (Large)
Mathews & Co.
HORSE CAVE—Mustain & Maddox
IRVINGTON—†Freeman & Keyes
Keys, J. E.
Pool, John
JACKSON—Bock, Solomon & Sons
Cassity, D. J.
Clark, J. M.
Filer & Son
JUNCTION CITY—Baker, Tumbler
Lay, Eli
LA GRANGE—Hall, J. M.
Wellman, Wm
LATONIA—Cougill, Ira J.
Felten, Matthew
Francis, C. T. & Son
McGill, F. Marion
LAWRENCEBURG—Bond, C. E.
McGinnis, John
Schryock, Woodford
LEBANON—Barker, Jos.
Lyons, Jas.
Robertson, Chas.
Wise, Lige.
LEITCHFIELD—†Fletcher, Geo. (also planing mill)
†Heybach, Dan'l & Son
LEXINGTON—†Clark & Howard, 206 E Main
†Combs Lumber Co. (Large)
†Coyle, Jos.
†French, Sam'l C.
†Hendricks Bros. (also Lumber)
†Lexington Lumber & Mfg. Co.
†Spotswood, E. R. & Son (Large), 180 E M
†Williamson & Son (Large)
LIBERTY—Brown, Wm.
Wilkerson, W. H.
LIVERMORE—Crouch, J. R.
LONDON—Eureka Mfg. Co.
Sewell, Charles
LOUISA—Ferguson, Edward
Pigg, Thomas
LOUISVILLE—Architectural Building Co., 38th and Chestnut
Baker, J. G., 117 W Market
Balman, W. F., 2484 Shelby
†Bartman, Chas., 948 Garden
†Baumeister, H. H., 930 Baxter av
†Bicker, Joseph, 1945 Logan
†Bornstein, J., 724 1st
†Bott, Jno., Tyler bldg
Breedlove, Eugene, 311 Preston
†Breedlove, W. H., 322 E Walnut
†Broell, Casper, 625 E Jacob av
†Bussey, Jas. C. Co., 1900 W Main
†Carter & Carter, 818 E Main
†Curtin, J. P., 737 6th
Deddens, Jos., 1531 Brent
†Edelen Bros., 2357 Payne
Fante, Jos. A., 1508 Barret av
Fellers, M. L., 613 29th
†Greiner, Wm., 754 6th
†Greiner, Tobias, 1005 E Bway
Hall, Martin V., 921 Jackson
†Hanks, W. T., Tyler bldg
Hays, Richard, 536 3d
Hays, Richard, 536 3d
†Henley, W. L., 336 8th
†Henry, Dan'l, 3605 Greenwood av
†Hinshaw & Markham, 434 E Jefferson
†Hoke, Alonzo N., 1142 Rufers av
Humphrey, Douglas, 708 1st
†Jarboe, B. F., 1818 24th
Jeunesse, Remi, 810 York
†Johnson, J. H., 523 6th
†Just, L. Co., 2117 Evans
†Keller, Louis & Son, 2124 1st
†Knadler & Franck, Franck av
†Koch, Jno. H., 1201 E Breckenridge
Koehler, Jno., 930 E Green
Kramer, O. H., 706 Preston
Lampton, G. J. & Sons, 817 24th
Lord, S. H., 615 2d
†Lortz & Fry Planing Mill Co., 420 E Breckenridge
Lotz, Fred, 1319 Story av

McKinley, J. T., 429 E Chestnut
†Meriwether, J. F. & Son, Courier-Journal Office bldg
†Metcalfe, W. W., 2636 Duncan
Metzger, Herman, Congress al
†Miller, J. H., 929 W Jeff
†Minor, J. S. & Son, 312 W Jeff
†Moore, J. E., 1st & Barbee
Morris, James H., 337 10th
†Muscroft, W. H. & Co., 610 Brook
Nicholson, B. S., 1110 Frankfort av
Norris, M. T., 1517 12th
†Peyton, M. J., 205 Guthrie
†Pierson, J. S., 2409 Maple
†Rommel, G. H., 1014 E Broadway
†Schneiders & Leimkuehler, 1735 Dumesnil
Schoo, Jno. C., 833 17th
†Scott, A. D., 2452 Park pl
†Seaman, C. H., 1335 Brook
†Shrader Bros., 1005 W Jeff
†Siemens & Hommrich, 2316 Lawton
†Sibler, J. & Co., 1120 26th
†Smick, Jas., 234 W Green
Smith & Talbott, 729 Center
†Spotts, S. C. & Co., 1500 Preston
Stewart Bros., 420 W Green
†Steineker, H. H., 1724 W Ky
†Stieneker, Wm. H., 549 E Walnut
Strattan, W. C., 817 7th
†Straw, W. T., 2332 4th
Thompson, J. M. & Bro., 934 7th
†Tobe, J. D., 508 E Gray
Walker, N. A., 214 York
Waters, William, 137 W Green
Webster, Thomas, c 1114 Brook
Weller, Jas. H., 1509 Everett av
West End Planing Mill & Bldg. Co., 337 10th
Willett, B. E. & Co., 524 E Main
†Wirth, Philip & Son, 1030 Shelby
Wolf, S. J., 512 6th
Wolpert, W. E., 331 E Ormsby av
Woods, Jno. L., 630 8th
†Young & Humphrey, 420 3d

LUDLOW—Henthorne, J. C.
McNeal, Thomas J.
Ordelmundt & Sons
Strassburger, Louis
Worstell & Landon

M'GLONE—Johnson & Johnson

MADISONVILLE—Crawford, J. A.
†Hockersmith, L. D.
Osburn, J. A.

MARION—Burgett, C. J.
Dorr, R. F.
Jennings, G. F.

MAYFIELD—Carman, W. C.
Duke & Gannoway
Landrum, W. L.
Leonard, M. J.

MAYSVILLE—Chunn & Schlitz
†Frederick, W. H.
†Lane, I. M.
Wormald, Jacob

MILLERSBURGH—Payne, W. H.
Trigg, A. R.

MORGANFIELD—Lewis & Sparks
Roberts, E. H.

MORTON'S GAP—Cullen, J. W.
Morton, N. P.
Pool, N. P.
Taliaferro, S. N.

MORTONSVILLE—Beasley, J. S.
Duncan, Joseph
Hitt, W. H., Jr.
Orr, C. M.

MT. STERLING—Leach, T. H.
Moore, G. W.
†Williams, E. L.
†Williams, Jno. W. (Large)

MT. WASHINGTON—Barons, H. J.
Worten, J. B.

MURRAY—Bynum, S. E.
Churchill, J. G.
Stephenson, B. K.
Stone, J. W.

NEW CASTLE—Banta, G. D.
Luckett, M. B.

NEW HAVEN—Gallagher, George
Price, Meredith
Tinsley, R. E.

NEWPORT—†Allen, Horace F., 521 Monmouth
Barrett, Wm. L., 107 W 6th
†Bowman, B. R., 637 E 3d
Harris, Moses R. & Son, 718 Monmouth
†Lampe, F. W. & Sons, 1120 German
Meyer, Herman A., 622 German
Morris, J. R., 32 Biehl av, Clifton Heights
Perry, Thos. J., c 10th & Monmouth
Raabe, Lawrence, 408 Columbia
†Schmidt, George, 1003 Saratoga
†Schriver, H. A., 824 Monmouth
Theele, Hy., 835 Isabella
†Venable, Robert, 714 Overton
†Walsh, H. J., 722 Orchard

NORTH MIDDLETOWN—Judy, B. F.
Trimble, J. A.
Woodward, J. W.

OAKLAND—Hunt, A.
Jones, I. B.
Liles, A.

OWENSBORO—Eskridge & Davis
†Grady, J. N.
Littell, Geo. C.
Whitehead, J. M., Jr.
†Williams, J. J.

PADUCAH—†Arts, John, Old Clinton rd
Byrd & Karnes
†Clayton, T. A., 1000 S 4th
†Cole & Acree
†Davis, B. T., 1102 Monroe
Dossett, J. A.
†Ingram, George, Janet st
†Ingram, M. H., 531 Clay
Lockwood, J. W.
†Welting, J. W.

PAINTSVILLE—Columbus, J. W.
Dixon, J. K.
May, U. G.
Roberts, Daniel
Stafford, J. E.

PEMBROKE—Chastain, W. H.
Morris, H. P.
Judge, P. L.
Pendleton, R. R., Jr.
Vaugh, James
Wade, James

PERRYVILLE—Banta, Samuel
Guthrie, S. L.
Penny, W. L.

PETERSBURG—Botts, John
Gordon, W. R.

PIKEVILLE—Kelly, D. G.
Priode & Young

PROVIDENCE—Adams, Wm.
Holloman, H. B.
Wallace, W. L.

RICHMOND—Baxter, H. T.
Colley, Charles
†Douglass, Alfred
Horton & Campbell
†Kruger, Fred
Todd, C. J. & Son

ROCKPORT—London, J. M.
Tinsley, Ed.
Williams, S.

ROWLAND—Atkins, John
Dyehouse, George
Haley, Granville
Payne, John

RUSSELL—Chinn, John
Osborne, Wm.

RUSSELLVILLE—Dale, J. M.
Griffith, Charles
Shelton, Joseph

ST. CHARLES—Harlan, H.
Hart, Lee
Householder, John

SEBREE—McMullin, D. W.

SHELBYVILLE—†Gruber, L. H. & Sons

SIMPSONVILLE—†Bryan & Jones

SLAUGHTERVILLE—Howell, G. P.

SMITHFIELD—Drewery, J. W.
Zanone, C.

SOUTH CARROLLTON—Bibb, Thomas
Hewlett, J. W.
Hewlett, N. B.

SPRINGFIELD—Noe, C. W.
Young, G. W.

STAMPING GROUND—Glass, W. G.
Richardson, James

TAYLORSVILLE—Cheatham & Newman
Gilkey, J. A.

TYRONE—Martin, George
Martin, S. P.

UNIONTOWN—Chamberlain, T. S.
Chamberlain, Washington
Pushman, Julius
Ward, H. M.

VANCEBURG—Edginton, C. A.
McGill, B. F.
Parker, F. A.
Parker, W. A.
Plummer Bros.

VERSAILLES—Dawson, E. R.
Hoover & Singleton
Searcy, A. A.

VINE GROVE—Coleman, P. B.
Eskridge, Alfred
Lewis, W. M.
Yates, Sandy

WHITESVILLE—Martin, James
Wells, J. B.

WILLIAMSBURGH—Cooley, J. A.
Gregg, W. P.
Meyers & Moody
Taylor, T. J.
Tinsley, James

WINCHESTER—Adams, J. W.
Crone, J. W.
Dietrich, G. A.
Goodpaster, F. F.
Haggard, W. Z.
Horine, W. H. & Son
Schoonmaker, Jay

LOUISIANA.

ABBEVILLE—Chevis, H. W.
Comer, B.
Ellis, W. R.
Ferray, F. F.
Wall, D. W.

ALEXANDRIA—†Huffman & Wilson (Large)
†Whitfield, J. D.

BATON ROUGE—†Brown, J. D.
†Elam, E. T.
†Goodman, B. J.
†Miller, Wm. R.
†Pruyn, R. L.
†Stevens, W. L.

BENTON—†Rushing, W. H.

CENTERVILLE—†Unsworth, Peter

COUSHATTA—†Howell, T. W.

CROWLEY—†Harmell, Chas. L.
†Lewis, Jas. & Son
Petty, Jas. A.

DELHI—†Cook, Fred.

DONALDSONVILLE—†Chapman, R. C.

HAMMOND—Barnard, J. F.
†Hammond Building & Mfg. Co.
Landphere, A. B.

HOME PLACE—†Ademas, Victor

HOMER—†Bowen Bros.

LAFAYETTE—†Ames & Alexander
Monton, A. E.

LAKE CHARLES—†Kennedy & Stone
†Kinney, L. W.
†Loxley & Martin
†Price, Geo. D.
†Robinson, H. L.

MANDEVILLE—Chevelon, G.
Miller, J.

MONROE—†Voss, H. C.
†Wetzel, J. F.
†Wright, J. W.

NAPOLEONVILLE—Castaing, J.
Coignet, Jos.
Jones, Aug.
Jones, Phil
Locker, L.
Mavor, H. C.
Sims, E.

NEW IBERIA—Boutte, A.
Phillips, E. W.
Reynolds, C. E.

NEW ORLEANS—Andrus, Wm. E., 5517 Chestnut
Aurensan, Leon, 211 Dauphine
Barel, Peter, 629 Royal
Bensel, Jno. R., 3433 Magazine
†Bernadas, Emile L., 1936 Esplanade av
†Blake, Michael J., 6062 Annunciation
†Blakeman, Edwin A., 840 Union
Blanchin, Geo., 316 Baronne
Bonee, Laurent, 3042 Dumaine
†Burns, Henry P., 2039 Cleveland
Buthe, Henry, 1834 6th
Callihan, Jas. J., 2020 Melpomene
†Calloway, F. A., 2520 Howard av
†Carey, Walter T. & Bro. (Large), 630 Camp
†Chisolm, John B., 223 S White
†Christie & Lowe, 107 Camp
Climo, Arthur, 119 S Salcedo
Costley, Martin L., 1531 8th
†Courribet, Edw., 2618 3d
Curry, Travis J., 617 Webster
Davidson, Adolph, 2010 St. Louis
De Luppe, Chas., 2429 Hospital
†Dieck, Jno. H., 4713 Tchoupitoulas
Englebrecht, Chas., 4535 Constance
Evans, Hugh, 3427 Camp
†Fazende, Geo., 810 Jena
†Fohn, Chas. 643 S Tonti
†Foster, David, 173 University pl
†Fulham, Wm. F., 4319 Barronne
Garvey, Charles, 204 Carondelet
Green, Wm. H., 962 Felicity
†Hacheney, Wm., 1119 Josephine
†Hay, Alexander, 127 Carondelet
†Herbert, Geo., 205 Oliver
†Holfeld, H. D., 2017 Carondelet walk
†Honore, Jos., 4420 Annunciation
†Hotard, Arthur W., 629 Seguin
†Huhn, Alexander, 801 Opelonsas av
Kirn, Jacob F., 3310 Clevcland

†Koch, Julius, 219 Carondelet
†Krone, Wm. H., 1003 Gravier
Lagasse, Paul, 826 9th
†Lawson, Anthony, 919 N Roman
†Le Corgne, Louis C., 1726 Napoleon av
†Leibe, Arthur, 840 Union
Lotz, Jno. C., 2403 Laharpe
†McNally, John (Large), 316 Baronne
†Metropolitan Bldg Co., 217 Baronne
Minot, Jno., 2740 St. Philip
†Mock, Chas. F., 1500 Dublin
Montagnet, Pierre, 628 Gravier
†Muir & Fromherz (Large), 211 Camp
†Newald, H. L., 6032 Constance
†Noto, Gasper, 720 Kerlerec
†Reimann, Chas. F., 3027 Banks
Robinson, Jno., 2520 Lapeyrouse
†Rost, Henry F., 2133 S Liberty
†Schaeffer & Irvine, 120 S Basin
†Schneider, Bernard J., 2225 S Franklin
Sicard, Chas. A., Hennen bldg
Staub, Jno. C., 5214 Camp
Toledano & Wogan (Large), 830 Canal
Veglia, Jno. B., 724 St. Joseph
Walther, Otto, 313 St Charles
†Winter, Frank H., 2023 S Franklin
†Wunderberg, Conrad, 3104 Annunciation

OPELOUSAS—†Stewart, J. T.
PLAQUEMINE—†Briggs, P. W.
ROBELINE—†Carter, W. O.
SHREVEPORT—†Arthur, Jno.
†Bartlett, J. M.
†Benoit, A.
†Busby, J. L.
†Denham, F.,
†Garson Bros.
†Green, Tom
†Rudy, M. S.
†Skoog, A.
†Smith, W. J.
†Thoman, W. F.

MAINE.

ACTON—Bodwell, F. D., (S. A.)
Garvin, S. H.
Marsh, S. D. (S. A.)

ALBANY—Andrew, Eugene
Andrew. Lucien
Bean, Herbert
Clark, Alfred

ALEXANDER—Dudley, Oliver W.
Lowe, Jno.

ALFRED—Lowe, Geo. M.
Sanborn, John C.
Sayward, Herman J.
Williams, Solomon S.

ASHLAND—Bartlett, Mark
Bouvard, Jno.
Kalloch, Alonzo
Orcutt Bros.

ATKINSON—Lyford, G. D.
Washburn,D. B.

AUBURN—Arnold, Frank A., 158 7th
Austin, B. S., 24 Harvard
†Ballard, S. K., 33 S Goff
†Butterfield, W. W., 310 Turner
†Dinsmore & Greenleaf, 17 Mechanics row
Estes, A. L., 200 Lake
Estes, N. C., 120 2d
Greenleaf, E. M., 28 Miller
Knight, J. T., 93 Wash'n
Oliver, Geo. F., 41 Gamage av
Roberts, John G., 54 Washington
†Warren, A. F., 35 Minot av
Wells, Edwin O. & Co., 147 Summer
White, Jas., 71 Summer
White, J. Wirt, 379 Turner

AUGUSTA—†Ellis, F. W., 88 Sewell
†Fletcher & Robbins, Mt. Vernon av
†Hoxie, Chas. E., 371 Water
†Jackson, Witham, 39 Jefferson
Lyon, Almon H., 39 S Chestnut
Maguire, H. O., 12 Scott
Noyes, Daniel, 124 Northern av
†Noyes, Ruel J., 10 Bangor
Rollins, Thos. M., 18 Cushman
†Shaw, John B., Brook rd
†Wellman, Frank R., 58 Chapel
†Wyman, Jon P., 123 Bridge

BANGOR—Barnes, Morris
†Brown, Chas. B. (Large), 13 Court
Cron, D. J., 186 3d
†Cutler, Leslie W.
†Dillingham. A. E., 15 Barker
Frost, Wm. W., 45 Park
†Grant, Jas. L., 90 Central
†Lowell, Geo. F., 96 Hammond
†Mansur, G. W., 34 Harlow
†Morse, Charles B., 73 Central
†Nelson, Otto, 173 Park
Porter, Sam'l W., 330 Essex
Riley, Jos. W., 243 Grove
Sinnott, Charles, 377 Ohio
Smith & Anderson, 10 Rowe
†Watson, Edw. K., 61 State
Wiggin, A., 224 French
Withee, C. F., 24 4th
†Young, J. S., 148 French

BAR HARBOR—Bunker, A. S.
Bunker, D. A.
Clark, J. E.
†Farnham, Charles L. (Large), 21 Elm
Hodgkins, Asa & Son
Hodgkins, C. W.
†Hopkins, Jno. H.
Jordan, Albion
Lord, R. J.
Paine, Willis C.

BATH—Carr John, 46 York
†Farnham, Charles L. (Large), 21 Elm
Hartwell, Wm. H., 92 Centre
Lord, S. C., 815 High
Mayers, Daniel, 29 School
Minott, A. M., 1400 Washington
Richardson, G. P. & Son, 104 Commercial
†Ring, Oscar W. & Co., 223 Front

BELFAST—Aborn, John, Cedar st
Blodgett, Alvin, Cedar st
Briggs, J. A., Cedar st
Howard, Sanford, High st
Morrison & McDonald, Beaver st
Parker, I. W.
Pottle, N. J.
Small, S. G.

BENTON—Bowman, Roy
Brown, David R.

BENTON STATION—Hodgkins, James
Rowell, Elbridge
Robinson, Eugene (E. B.)

BERWICK—Lord, H. G.
Matthews, John W.
Twombly & Edgerly

BIDDEFORD—Ayer, E., 15 Everett
†Carter, James E., 43 South
†Drown, Octavius, 22 Washington
Emmons, F. L., 189 Elm
†Fowler, W. S., 3 Emery
†Hill, David B., Elm st
†Hill, Geo. T., 79 Hill
Sievers, F. W., 28 Prospect
†Stone, E. C., 167 Alfred
†Tibbetts, S. F., Mason st
†York, G. H., 252 Main

BINGHAM—Abbey, Charles W.
Chase, Henry O.
Collins, Henry
Foss, T. H.
Holden, A. M.

BLAINE—Beals, William A.
Bell, R. W.
King, A. D.
Tompkins, E. A.

BLUE HILL—Butler, Geo.W.
Mayo, Eben W.

BOOTHBAY—Adams, Percy D.
Giles, G. W.
Giles, T. E.
Hagan, D. M.
Hyson, Robt. (E. B.)
Montgomery, Wm.
Pinkham, W. C.
Seavey, Charles (E. B.)

BOOTHBAY HARBOR—Adams, Jno.
Blair, Jno.
Boyd, G.
Brown, Wm. E.
Carlisle, C. E.
Carlisle, Herman
Corey George F.
Emerson T. J.
Farnham, Frank
Holton, W. R.
Pinkham, D. B.
Reed, Chatman

BRADLEY—Willett, Jeff.
Willett Sam'l

BREWER—Hunter, W. J. B.
Kenney, A. A.
Lovell, W. G.
Rooney, Daniel

BRIDGETON—Dole, C. R. (S. B.)
Douglass, C. L.
Kimball, Fred H.
Long, Frank M.
Mayberry, J. L. (N. B.)
Palmer, John C.
Winslow, G. W.

BRISTOL—Bryant, John M.
Elliott & Pope (Round Pond)
Holden, Simon
Little, T. D.

BROOKLIN—Carter, A. J., W Brooklin
Carter, O. P., Sedgwick
Grindell, Nat., N Brooklin
Stainley, W.

BROOKS—Bachelder, John W.
Hall, R. A.
Hall, Shattuck
Ingersoll, W. B.
Roberts, W. H. H.
Stantial, E. O.

BROOKSVILLE—Gott, P. Y., W Brooksville
Harvey, T. T., S Brookville
Stover, W. H., W Brookville

BROWNFIELD—Adams, S. N.
Harnden, Harry
Lane, J. N. & Co.
Meserve, D. D.
Rowe, P.
Thurston, W. S.
Wentworth, O. A.

BROWNVILLE—Bean, Geo.
Foss, W. H.

BRUNSWICK—Brown, S. T.
Gahan, William P.
Given, T. W.
Johnson, Jotham
Libby, A. I. J.
Melcher, Chas. C.
Merriman, Charles W.
Muir, Charles
Rogers, Charles
Woodside, J. A.

BUCKSPORT—Arey, Wiley B.
Bennett, A. F.
Little, Addison
Smith, Jas. E. & Son
Smith, Urias B.

BURNHAM—Batchelder, Fred
Brown, Charles P.
Gilmore, Willard

CALAIS—Adams, L. R.
Rockwood, J. C.
Saunders, R. J. H.
Stickney, Charles
Stickney, James

CAMDEN—†Brown, C. P.
Camden Lumber Co.
Gilkey, F. W.
Mero, Spencer
Ritterbush, Stephen
Schwartz, W. E.
Small, H. C.
Tyler, S. C.
Whitmore, M. C.

CANAAN—Fitzgerald, Frank
Harris, John
Weymouth, Horace

CANTON—Decosta, William K.
Oldham, C. F. & E. R.

CARIBOU—Dolstrum, E. O.
Hendrix, C. W.
Little Samuel
Wright, George

CASCO—Batty, John & Joseph
Cook, G. F.

CASTINE—Perkins, F. A.
Perkins & Bowden
Weeks, J. Walter

CHERRYFIELD—Allen, Asaph
Allen, C. A.
Strout, John

CHINA—Percival, Zenas, S China
Wallace, Fred. S.
Wallace, Herman B.

CLIFTON—Campbell, H. C.
Nickerson, H.
Rooks, Frank

CLINTON—Dixon, W.
Roundy, Stewart G.

COLUMBIA FALLS—Ingersoll, F. H.
Peterson, P. B.

CONCORD—Ellis, C. R.
Howes, L. E.

CORINTH—Cole, Edwin A., E Corinth
Cressy, Seba W.

CORNISH—Bradley, John
Lord, Alvin
Norton, Willis
Warren, Sidney

CUSHING—Fogerty, C. A.
Hathorn, F. D.
Wing, Arthur J.

DAMARISCOTTA—Crooker, C. W.
Hilton, J. H.
Jones, T. A.
Wilson, Andrew
Woodward, Uriah

DANFORTH—Furness, William
Littlefild, C. W.

DAYTON—Smith, Herbert
Whitehead, Frank E.

DEERING—Earl, E.V., Deering Centre
Hutchings, Burnham & Lane, Deering Centre
Lowe, Robert
Marston, G. L., N Deering
Montgomery, C., Deering Centre
Moore, M. E., Deering Centre
DEER ISLE—Eaton, John S.
Joyce, M. S.
Smith, Benjamin
DETROIT—Bowman, C. D., Pittsfield
Harris, C. T.
DEXTER—Cobb, A. J.
Dexter, Henry P.
DIXFIELD—Campbell, N. H., E Dixfield
Holman, E.
Putnam, W. F.
DOVER—Brown, Cassius
Farnham, Ed.
Green, W. S.
Sturtevant, Wm. L.
DRESDEN MILLS—Carney, Benson
Hatch, Warren, S Dresden
DURHAM—Booker, Albert, S D
Varney, Chas. M., N P
EAST JACKSON—Butman, D. J.
Eastman, A. L.
EAST LIVERMORE—Farrington, J. H.
Furbush, F. C., L. F.
Goding, J. N.
Holley, A. L., L. F.
Hutchins, E. A.
Mitchell, R. J.
Morse, J. L.
Thurston, C. H., L. F.
EAST MACHIAS—Foster, Jas. A.
Hall, J. A. L.
Scavey, Oliver W.
EASTPORT—Boyd, Alex.
Buckman, Geo. A.
Camplin, Robt. D.
Cogill, Wm.
Creary, Thomas
Fenlason, Chas. F.
Hilyard, Jos. C.
Howard, Jno. A.
Lee, Jno. W.
Lurchin, Israel W.
Mabee, Thos. F.
Nadeau, Amee, 10 Green
Newcomb, H. W.
Newman, Jeremiah.
Warnock, Walter A.
EDDINGTON—Stevens, D. S., E Eddington
White, P.
EDGECOMB—Cunningham, T. K.
Haggett, A. B.
Haggett, Owen W.
Sherman, F. W.
ELIOT—Paul Bros.
Spinney, Chester.
ELLSWORTH—Foster, Austin M.
Garland F. E.
McGown, C.
Moore, Francis
Moore, Henry L.
Moore, N. J.
Stevens, Hoyt
†Stratton, P. H.
Webber, L. S.
ELLSWORTH FALLS—Brown, W. H.
Kincaid, Albert S.
Lyman, D. J.
Moore, M. M.
FAIRFIELD—Burns, H. T.
Parkin, J. L.
Sawyer, Stillman O.
FALMOUTH—Barker, W. H.
Buckman, O. W.
Lunt, Royal
FARMINGTON—Haley, A. J.
Matthews, J. W.
Stewart, T. L.
FORT FAIRFIELD—Bearisto, H. B.
Beckwith, S. D.
Beckwith, W. M.
Cheney, J.
FORT KENT—Daigle, Docite
Nadeau, E.
Russeau, Chas.
FOXCROFT—Atwood S. D. & F. S.
Bletben, G. D.
Brown, D.
Crocket, E. L.
Dearth, C. F.
Decker, A. A.
Dexter, Lewis
Martain, Jno. F.
Moore, C. A.
Neal, E. T.
Oaks, W. D.
Rollins, W. E.
Swallow, O.
Thompson, George P.
Williams, O. C.
FREEMAN—Brown, C. C.
Turner, C. E.
Tuttle, John
Walker, Jno.
FREEPORT—Dennison, Charles H.
Porter, E.
Woodman, F.
FRENCHVILLE—Cyr Vital
Quelette, Hilaire
Quelette, Vital
Raymond, D.
Rechard, Wm.
FRIENDSHIP—Brown, M. D.
Morton, Silas A.
FRYEBURG—Chase, Enoch S.
Hatch, L. B.
GARDINER—Hodgkins, J. C., 117 Spring
Lash, J. W.
†Smith, Benj. S., 40 Bridge
Witham, Charles B., 10 Beach
GARLAND—Ellis, H. A.
Flanders, A. J.
GEORGETOWN—Blaisdell, Thomas
Trafton, Martin
GOODWIN'S MILLS—Cleaves, C. B.
Dennett, C. E.
Huntress, J. K.
Nason, J. E.
GORHAM—Allen, George A.
Leavitt, William H.
Sargent, Simpson (W Goulsboro)
Shackford, Theodore E.
GRANT ISLE—Beecher, Louis
Sanfocon, R. V.
GREENVILLE—Bigney, James E.
Bulmer, Amos S.
Crosby, George
Gerrish Bros.
Sawyer, Frank L.
GUILFORD—Cobb William H
Files, W. S.
Hubbard, Frank A.
Moulton, W. O.
Rose, S.
Washburn, E. & F. D.
Young, Harry
HALLOWELL—Harvey, J. F.
Sangster, Adam J., 16 Central
Waldron, A. A.
White, George L., 135 Brunswick av
HAMPDEN CORNER—Cole, Doane B.
Smith, E. A. & D. A.
Stubbs, L. K.
HANOVER—Howe, Arthur G.
Roberts, J. G.
HARRINGTON—Drisco, F. J.
Drisco, S. M.
HARRISON—Carsley, William V.
Proctor, Horace F.
HARTLAND—Bowman, W. C.
Flint, W. H.
Latty, R. E.
Pennell, Jason
Waldron, Perley
HOLLIS CENTRE—Carl, T. J.
Edgecomb, Perley (W. H.)
Meserve, George E.
HOULTON—Chadwick & Davis
McDonald, F.
McElroy, Wm. & D.
Moore, Charles A.
Swett, C. A.
Young, Thomas
ISLESBORO—Coombs, W. H.
Pendleton, A. A.
Sherman, Edson
Sprague, J. A.
Williams, G. F.
JONESPORT—Lawson, George
Noyes, Lincoln
Rogers, A. R.
KENNEBUNK—Goodwin, William C.
Littlefield, Wm. L.
KENNEBUNKPORT—Allen, Wm. H.
Clark, George
Hutchins, Octavius
Meserve, Frank
KINGFIELD—French, C. W.
Hinds, A. V.
Norton, L. A.
KITTERY—Brown, James W.
Keen, Joseph
Locke, William W.
LA GRANGE—Fuller, Oregin
Heal, Wesley A.
LEEDS—Clark, A. J.
Gray, H. T.
LEWISTON—Ames, Oliver D., Green rd
Chapman, Dan'l C., 57 High
Cloutier, J. E., 71 Maple
Davis, W. L., 47 Blake
Day, G. J., 154 Main
†Desiardins, E. R., 79 Chestnut
Dionne, Emile, 117 Pierce
Field, George H., Greene rd
†Greenleaf & Doring
Harvey, Sam'l M., 692 Main
Haskell, John W., 12 Elm
†Hodgkins, Foss & Adams, 7 Main
Lewis, L. A., 264 Main
LIMERICK—Elkins, John
Libby, Stephen
LIMESTONE—Webster, Hosea
Webster, W. H.
LINCOLN—Staples, W. & Son
Yelland, Frank
Young, Judson L.
LIVERMORE—Boothby, Edwin
Bryant, Andrew J.
Campbell, Mandiville, North T B
Dennen, Chandler, South L
Gordon, Jno. H.
Phillips, Edw. F.
LIVERMORE FALLS—Daine, A. J.
Furbush, Frank C.
Holly, A. L.
Hutchins, Ernest A.
Mitchell, R. J.
†Ramond, Fred & Co
Thurston, C.
LUBEC—Thecartin, Calvin A.
Trecartin, John C.
Trecartin, Stephen H. & Son
MACHIAS—Foster, Nathan W.
Gilson, A. R.
Hill, Jerre.
Preble, C. A.
MACWAHOC—Martin, R. H.
Shannon, Neil
MADISON—Ladd, H. W.
Walton, A. C.
Williams, L. C.
MARS HILL—Craig, Clair
Gilman, B.
Riley, G. F. & Jas.
MATTAWAMKEAG—Blackmore, Geo. E.
Moore, S. W.
MECHANIC FALLS—†Weston, A. J.
MEXICO—Cobb, Willard
Day, W. C.
Welch, W. L.
MILFORD—Clark, Geo. H. & Geo. E.
Tozer, E. S.
MILLBRIDGE—Dyer, Edgar L.
Strout, Frank
Strout, Leverett
MILLTOWN—Barclay, Fred
Crafts, F. T.
Fitch, Anson
Hendershot, Wm.
Smith, Angus
MILO—Attwood, Frank
Bailey, Al.
MONMOUTH—Clough, Simon
MONROE—Chase, Franklin
Gould, George E.
MONSON—Cole, S. S.
Smith, H. E.
MONTVILLE—Bickford, Hazen
Clement, E. O.
Jaquith, W. B.
Stewart, L. E.
NEW CASTLE—Boyd, L. P.
Elliot, A. W.
Perkins, John M.
Sidelinger, Lowell H.
NEWPORT—Abbott, H.
Chase, A.
French, C. W.
Pearson, W.
Pickering, C. C.
Todd, C. L.
Weeks, R. J.
NORTH BERWICK—Bragdon, G. E.
Goodwin & Gerry
Neal, G. W.
NORTH EAST HARBOR—Hodgkins, Curtis
Soules, J. S.
NORTH SEBAGO—Ross, H. G.
Ward, Alva
NORWAY—Adams, Charles H.
Cole, W. C.
Fuller, H. M.
Hathaway, G.
Hazen, J. B.
Horne, H. L.
Pike, Horace
Small, I. N.
Swift, George
OAKLAND—Beverage, N. P.
Folsom, W. W.
Richardson, E.

OLD ORCHARD—Bickford, D. S.
Cousens, F. Jason
Field, H. A.
OLD TOWN—Betters, F. E.
Brown, George W.
Byther, W. T. (Upper Still Water)
Davis, O. C.
Gustin, R. M.
Hartwell, E. T.
Henderson, W., Jr. (Upper Still Water)
Hodgkins, A. T.
McNaughton, J. A.
Nason, W. L.
Taylor, Frank
ORLAND—Hopkins, S. W.
Mason, F. W.
ORONO—McPhetres, A. S.
McPhetres, H. B.
ORR'S ISLAND—Farr, James S.
Johnson, Reed O.
OXFORD—Freneh, W. S.
Whitehouse, Daniel
Wilson, Frank L.
PARIS—Doe, B. S.
Hammond, G. R.
Holt, Dennis
PARKMAN—Nobb, N. M.
Stevens, A. L.
Washburn, James
PATTON—Cromett, Herbert
Huston, B. H.
Huston, Loven B.
Peters, L. H.
PEMBROKE—Campbell, B. A.
Hersey, D. W.
PENOBSCOT—Bridges, C. K.
Varnum, Bradford
PERRY—Brown, Fred.
Potter, William H.
PHILLIPS—Haley, A. J.
Harnden, S. S.
McKeen, William H.
Vining, H. H.
PHIPPSBURGH—Berry, Dexter W.
Clifford, E. D.
PITTSFIELD—Bowden, B. D.
Goodrieh, H. H.
Hersey, Preston
Libby, C. A.
Libby, Ira M.
Philbriek, W. J.
Smith, Frank
Smith, N. C.
Towle, I. M.
Woodruff, C. E.
POLAND—Walker, Forest, S P
PORTER—Palmer, William H., Kesar Falls
PORTLAND—Albee, Fred I., 99 Market
Anderson, Oliver, 41 Falmouth
Bennett, W. F. & Son, 3 Moulton
Blackstone & Smith, 185 Middle
Blaisdell, L. C., 67 Cross
Bowers, Fred P., 19 Kelsey
Brown, Jno. B., 3 Avon pl
Bruns, Neils A. N., 48 Kellogg
Bryant, Chas. W. & Co., 639 Forest av
†Burrowes, Jno. W., 112 Preble
Burrowes, Wm., 111 Kennebee
Cann, Wm. T., Ryan's Court
Cobb & Webster, 105 Preble
Colley, Samuel N., 55 Commereial
Cook, Norman H., 76 Cross
Crowe, Geo. C., Ford rd, S. P.
De Long, Chas. S., 86 Exchange
Dyer, C. G., 874 Sawyer, S. P.
Dyer, Fred W., 19 Cotton
Edwards, Geo. T., 93 Exchange
Eastman, J. W., 215 High, S. P.
Elder, S. W., 905 Forest av
Elwell, Wm. S., 22 Saunders
Files, Herbert, 12 Howard
Ford & Patterson, 1062 Congress
Hamlin Bros., 681 Forest av
Hanson, Chas. A., 191 Grant
Hanson, Lyman W., 199 Grant
Hill, John, 229 High
Hobson, Chas. H., 78 Cross
Hodgdon, Geo. M., 27 Forest av
Hopkins, Eben L., C nr Main, K
Howatt, Chas. B. & Son, 192 Braekett
Hoyt, Jas. D., 31 Hoyt, P
†Hunt, Enoch W., 103 Clark
Isuisi, Claudius, Long Island
Jewett, Wm. H., 144 Preble, S P
Johnson, Daniel F., Joy pl
Johnson, E. G., 55 Preble
Johnson, Everett C., 60 Pearl
Johnson, Herbert K., 59 Cross
Jones, Edward C., 5 Leonard
†Jose, Chas. F., 46 Gilman
Kelly, Jas., 8 Carey lane
Kneeland, Roseoe H., 124 Forest av
Lane, Edwin A., 1600 Forest ave
Learned, A. T. & Co., 122 Newburg
Leighton Clifton Co., 338 Cumb av
Libby, Edw. A., 62 Federal
Libby, Addison, 97 Clark
Libby, Washington & Son, R R wharf
Lovejoy, Geo. W., 55 Raekleff
Low, Robert B., 94 Allen av
McKenney, Bion D., 12 New
Maine Construetion Co., 16 Caseo
Miller & Livingston, 63 Preble
Mitehell, E. T., 147 Stevens av
Montgomery, Caleb, 58 Hartley
Moore & Berry, 167 Clark
Morrill, Theo., 30 Union
Moxcey, Cornelius A., 1 Lincoln pl
Murray, W. D., Bowery Beaeh
Murray, Fred, Lighthouse rd, C E
Norton, W. R., 93 Brighton av
Nutter Bros., 226 Evans, P
O'Neil, Thos. J., 111 Fee
Porter & Burnham, 83 Kennebee
†Randall, J. S., 221 B
Richards, Chas. D., 75 Congress
Robinson, R. Sam'l, 99 Warren av
†Rogers, Speneer, 94 Exchange
Rowe, Geo. W., 362 Cumberland
Small, J. W., 19 Cotton
Southard, A. H., Cliff Island
Smith & Rumery, 512 Fore
Starling, H. F., 22 Randall, S P
Stiles, E. M., 222 Forest av
†Sylvester, Geo. S., 81 Preble
Striekland, Abel H., 13 Florenee
Thurston, W. S., 55 Belmont
Tibbetts, Chas. S., 1492 Washington av
Tuttle, Geo. R., 25 Stevens av
Verrill, Ezra A., Joy pl
Ward, Josiah C., 27 Cotton
Westcott, Jos. & Son, 120 Exch
White, Franklin, 1239 Cong
White, Wm. H., 317 Preble, W
Wiggin, Mark, 169 Clark
Williams, Hiram L., 16 Preble
Winslow & Rand, 30 Union
Woodbury, Albert, Long Island
Worster & Wilson, 92 Stevens av
PRESQUE ISLE—Owen, B. F.
Presque Isle Wood Working Co
Smith, Frank B.
Wilson, John & Son
PRINCETON—Deuplisea, A. J.
Field, John
Fitch, John
Hold, Henry
Tozier, Albert
PROSPECT—Brown, George
Lindsey, C. H.
Marden, Emery
RANDOLPH—Brown, Danl. B.
Moore, G. W.
Peaslee, A. H.
RANGELEY—Barrett, C. W.
Loomis, H. W.
RED BEACH—Pettangill, F. S.
READFIELD—Ladd, D. W.
RICHMOND—Baker, William C.
Call, G. W.
Chesley, Sawyer
Fellows, H. D.
Merriman, Frank
Sedgley, John H.
Small, A. S.
Wilkinson, E. H.
ROBBINSTON—Brooks, Joshua B.
Goulding, George M.
ROCKLAND—†Ayers, Geo. F., Main st
†Blackington, Arthur, Old County Road
†Glover, W. H. & Co., 451 Main
†Jones & Bieknell, 465 Main
†Sberman, Glover & Co., 221 Main
ROCKPORT—Achorn, John W.
Pottle, J. W.
Southerd, S. N. & Son
Spear, Thomas
ROUND POUND—Brown, Reuben A.
Elliott & Pope
SABATTUS—Billings, T. C.
Hewey, Jos. H.
Jordan, Eugene O.
Jordan, Josiah T.
Lancaster, John E.
SACO—†Chellis, A. K. P., 8 Cutter av
†French, J. B.
†Herring, Jno. A.
†Hill, Herbert S.
Hill, Joseph P., 2d, Water st
†Moulton, J. P., 3 Water
†Wakefield, W. S., 83 Main
Wildes, Wm. T.
ST. ALBANS—Hanson, Daniel
Patten, J. W.
SANFORD—Glass, Paul
Jones, Orrin G.
†Moulton, Moses
†Young, Isaac J.
SANGERVILLE—Burrill, H.
Harlow, D. M.
Smith, C. L.
SEAL HARBOR—Candage, B. W.
Cox, Wm.
SEBEC—Durgin, J. N.
Estes, G. D.
SHIRLEY MILLS—Young, B. E.
Young, George E.
SKOWHEGAN—Adams & Caswell
Chaney, H. W.
Friend, Otis B.
Ladd, Wallaee
Mayo, Stephen
Robinson Bros.
Townsend, R. H.
SOUTH BERWICK—Fall, H. Philander
McIntire, John A.
Murphy, Charles W.
Neal, James B.
SOUTH BREWER—Dole, C. R.
Hutehings, M.
SOUTH CHINA—Jones, Walter E.
Pereival, Zenas
SOUTH PARIS—King, A. C. T.
Maxim, S. P. & Son
SOUTH PORTLAND—Doughty, G. W.
Eastman, Joseph W.
Parsons, John
Robinson, A. J.
Starling, Herbert
Starling, Josiah
Thurell, J. A.
Wherren, Moses
SPRINGVALE—†Alexander, Frank
†Chamberlain, F. J.
Chamberlain, F. J.
†Day, Alonzo
†Russell, Walter
†Shackley & Sons
STANDISH—Hamlin, C.
Jennings, R.
STARK—Sawyer, S. G.
Waugh, R. F.
STOCKTON SPRINGS—Carter, William
Lofolley, E. H.
Lofolley, J. M.
Thompson, Elmer
SULLIVAN—Chilcolt, George W.
Lawrenee, W. H.
Pettee, A. J.
Pettee, Jas.
Preble, Moses H.
SURRY—Ray, J. M.
Rieh, Willis
Wood, H. C.
SWANVILLE—Harris, H. T.
Small, Edwin
THOMASTON—Beverage, J. T.
Carlton, Edward B.
McFarland, Andrew, Jr.
Russell, Thomas
Thomas, Charles
Williams, Thomas
TOPSFIELD—Craft, James
McPhail, John
TREMONT—Clark, J. T.
Rieh, Fred. J.
Rich, Maurice P.
TURNER—Roberts, A. A.
Roberts, Albion W.
Roberts, Cbas. G.
Roberts, H. A.
VAN BUREN—Gagnon, Charles
Marques, Theodore
Michaud, Remi
VANCEBORO—Perkins, Fred.
Swaney, John
WALDO—Bryant, E. L.
Bryant, L. M.
WALDOBORO—Achorn, Orrin
Kaler, Lewis W.
Kaler, Oscar E.
Storer, George L.
Waltz's, Samuel O. Sons
WALLAGRASS—Maurox, Joseph
Michaud, Fabien
WARREN—Oliver, George F.
Spear, Jason
Spear, O. A.
Stevens, John L.
WASHINGTON—Jones, Leonard
Knight, Eugene
WATERBORO—Brock, D. M.
Kimball, Curtis
Kimball, Frank
WATERVILLE—†Brann, E. F., 62 Temple
†Brann, S. F., 31 Kelsey
Cross & Cross, Charles st
Ellis, A. E., 17 Silver
†Fitzgerald, C. W., 122 College av
†Gilman, Harry L., 80 Main

†Gilpatrick, E., 37 Front
†Proctor & Bowie Co., 120 Main
Scates, Geo. E., 155 Main
Shorey, Chas. R., 72 Temple
†Winters, Henry T., 27 Boutelle av
WAYNE—Norris, G. A.
Norris, S. B.
Riggs, A. W.
Sturtevant, J. R.
WELLINGTON—Hall, John A.
Hutchins, D. A.
WELLS—Hilton, Henry A.
Rankin, G. H.
WESTBROOK—Bowers, Clarence E.
Robinson, R. S.
Scott, John G.
WEST BROOKSVILLE—Dodge, A. A.
Jones, Jerry
WEST FALMOUTH—Anderson, J. H.
Lincoln, J. W.
WEST HARPSWELL—Orr, Horatio
Randall, Wm.
WEST KENNEBUNK—Cousens, E. W.
Grant, Randall J.
WESTON—Lilley, Aaron
Powers, Chas.
Putnam, W. W.
Scanlon, James
WEST SUMNER—Chandler, E. W.
Berryman, John E., 311 S Madeira
WHITNEYVILLE—Albee, T. S.
Rollins, Davis W., Jr.
WILTON—Bump, E. C.
Wheelright, Everett
Wheelwright, S. S.
WINDSOR—Merrill, Charles B.
Reeves, J. R.
WINN—Davis, G. R.
Hall, A. L.
Mulherrin, C. L.
WINSLOW—Robinson, Arthur B.
WINTERPORT—Eveleth, Joseph W.
Freeman, James
Jones, Edwin
Mayo, A. I.
Sinnott, Thomas
Wiley, C. W. F.
WINTHROP—Bishop, F. I.
Maxim, D. H.
McIntire, F. H.
Tinker, F.
WISCASSET—Farnham, Edwin
Farnham, Elie
Jackson, Newell
Porter, Luther F.
Pottle, Orrin & Son
Smith, John
WOODFORD'S—Berry & Co.
Clough, D. D.
Read, Jas. N.
Small, J. C.
YARMOUTH—Doyle, O. W.
Seabury, Herman
Soule, S. P.
True, A. W.
YARMOUTHVILLE—Cleaves, A. H.
Jordon, Chas. W.
Pomeroy, Eben L.
Pomeroy, Louis P.
YORK CORNER—Woodward, Y.
Young, Chas. W.
YORK VILLAGE—Blaisdell, Edward
Moulton, A. C.
Sanborn, J.

MARYLAND.

ALESIA—†Zuegler & Frederick
ANNAPOLIS—Amos & Farrell
Butler, W. H.
Gardner, Wm. B.
†McCusker, J. E.
Taylor, W. S. & Jas. S.
BALTIMORE—Aaron, A. W., 802 Light
Adams, W. R., 1802 Hannemann av
Allard, Chas. A., 1115 Hillen
Anderson, Joshua, 715 Tyson
Appel, John, 1117 Battery av
Armiger, Wm. J., 1136 Carroll, S
Armstrong, Jas., 1320 Wilmer al
Arthur, Jas. & Son, 2213 Pa av
Aull, Louis J., 414 Waverly av
Bailey, Levin, 1607 Harlem av
Baldwin, Benj. F., 613 S Paca
Baltzley, A. W., 1717 Federal
Barber, Watson H., 1602 N Bond
Barnes, Geo. A., 335 S Payson
Barnes, Harry C., 2224 Eagle
Beauchamp, R. H. & Co., 222 Perry
Becker, Fredk. W., 1520 Hanover
†Bennett, Benj. F., 123 S Howard
Bennett, Jas. B., 180 E Monument
†Bennett, Rufus & Son, 12 Post Office av
†Bennett, S. Frank, 123 S Howard
Bennett, Wm. H., 221 South
Berman, Louis, 37 Lloyd
Bersterman, Frank H., 1533 Holbrook
Billing, Geo., 409 E Pratt ext
Billman, Geo., 6 S Poppleton
Binyon, Wm. H. H., 1754 Bank
†Blake, Geo. A., 118 E Lexington
Blake, Geo. M., 120 E Lexington
Blanch, Jno., 321 N Mount
Blatchley, R. E., 333 E 22d N
Blechman, Isaac, 14 S High
Blouse, Wm. H., 280 Roland av
Blumenstein, Theo., 301 S. Augusta av
Boggess & Son, 221 Lovegrove al
Borchard, Edwd., 220 N Caslte
Borchard, Geo. E., 220 N Castle
Borgman, August, 2306 E Monument
Bortner, Daniel M., 101 Cedar av
Bosley, S. J., 1319 Cathedral
Boswell, Fielder B., 942 W Fayette
Boteler, Andw. K., 1323 Myrtle av
Boteler, Thos. W., 1709 Hartford av
Botiger, S. Z., 1007 E Lanvale
Bowen, John W., 612 E Fayette
Bowers, Jos. E., 648 Greenwillow
†Brady, Edwd. & Son (Large), 1109 Cathedral
Brady & Watters, 532 St Paul
Bramble, Jno. G., 25 S Washington
Brauns, Gustav, 1465 Garrett av, S
Bregel, Chas. F., 1528 McElderry
Brown, Chas. W., 713 W Saratoga
Brown, Geo. C., 214 Pleasant
Brown, Greenbury H., 207 W 25th N
Brown, Harry H., 109 Clay
†Brown, John J., 2410 Mt Vernon av
Brown, Louis E., 323 N Stricker
Brown & Hildebrand, 26 E Fayette
†Buckley, John T., 127 Richmond
†Bunnecke, Geo. & Sons, 305 St Paul
Bunting, Wm. H., 1201 Raborg
Burke, Wm. H., 3005 N West
Burkert, Leonard J., 1267 Riverside av
†Burnham, Walter E., 45 Builders Ex
Burton, C. W., 517 E Preston
Butler, John T., 1925 Marshall av
Butler, W. H., 1435 Ward
Butterfield, Rudolph A., 242 S Patterson Park av
Byrd, Jas. G., 1442 N Bond
Byrd, Oden J., 103 Hughes av
Byrd, Wm. J., 1314 William
Caine, Jno. J., 1125 N Fulton av
Caldwell, Jas. M., 1730 Byrd
†Callaway, Frank H., Garrison ave F Park
Callis, Chas. H., 506 N B'way
Camden, W. S., 232 N Gilmor
Carey, John, 1801 Edmondson av
Carey, M. J., 546 E Monument
†Carstens, Fredk. C., 653 Cider al
†Carter, Granville M., 407 Dover
Carter, Thos. H., 1508 Rice
Carter, Wm. H., 1318 W Lanvale
Cawood, Arthur B., 27 S Arlington av
Chalk, T. M., 36 W Preston
Chaney, Elias N., 2 W 22d N
Chester, Jas. & Co., 930 Leadenhall
Childs, Wm. T., 16 W 20th
Christhilf, Geo. S., Garrison la nr Mulberry
Clark, B. & Sons, 216 Pleasant
Clark, Chas. H., 1816 N Calvert
Clark, John C., 2426 Pa av
Clayton, Jos. S., 1835 W Lanvale
Clayton, Wells O., 1920 Christian
†Collett, David S., 1816 Clifton av
Cooper, Benj. F., 871 W Fayette
Cooper, Isaac N., 212 S Duncan al
Copeland, Philip D., 2652 Loudon
†Cowan, John, 106 W Madison
Cramblitt, Arthur T., 929 W Lombard
†Cross, Chas. A., 3007 York rd
†Cross, J. W. P., 331 N Fulton av
†Cullimore, J. E., Central Sav Bk bldg
Cunningham, Geo. B., 103 Mercer
Dabney, Robt. L., 203 N Poppleton
Daley, Saml. W. T., 627 Brune
Davidson, Geo. W., 1819 Maryland av
Davidson, Wm. A., 2731 Hampden av
Davis, G. A. & A. U., 220 N Holliday
Davis, John T., 500 N Fulton av
Davis, Mark N., 1420 Foster al
†Davis, Milton C., 22 Builders' Ex
Daws, Henry, 806 N Fulton av
Day, Alex. M., 628 Gilbert
Deale, W., 2308 E Preston
†Decker, Fred & Sons, 1209 E Biddle
Derr, Saml. B., 1112 Woodley
Dew, Wm. J., 1530 W Fayette
Dieffenderfer, Jas. P., 564 Oxford
Diven, Wm. J. E., 2004 N Payson
Donaldson, A. M., 1721 E Lanvale
†Donovan, Thos. J., 104 E Hamilton
†Dowell, E. J., 5 E German
Dowling, Walter W., 512 Arch al
†Downs, John I., 602 Cumberland
†Decker, Samuel A., Heathbrook pk
Dreeman, Chas., 1233 Jackson, E
Drenner, F. J., 1809 Baker
Drenner, Otho W., Morley, n Old Fkd. rd
Dudley, Jos. W., 1528 Riverside av
Duggan, Jas. J., 1121 W Franklin
Duncan & Klug, 341 W Biddle
Dunn, John B., 117 E Centre
Eads, John M., 614 Mount, N
Ebbe, Wm., 833 N Caroline
Eccleston, Geo. W., 314 Courtland
Edwards, W., 585 Union
Emmerich, Henry J., Hullville
Engel, C. H., 2424 Fait av
Everist, John W., 628 W Saratoga
Fargo, Asa W., 1001 Fkd. av ext
Farley & Monmonier, 17 N Frederick
Feldman, Isaac, 122 N High
†Ferguson, Wm. & Bro., 214 Clay
Finney, Erastus L., 200 Ashland av N
Firor, Uriah S., 902 W Lexington
Flaggs, Wm. F., 1111 Patterson av
Flaherty, Wm. E., 431 Hargrove al
†Flannery, M. J., 1329 N Stockton
†Fleagle, Geo. W., 2635 Francis
†Folks, J. E., 1712 Ashland
Foreman, Frank H., 414 N Broad
Forney, Emanuel, N. 1545 Aisquith
Forwood, John R., 1233 Greenm't av
Fosler, Geo. E., 2428 E Biddle
Fountain, John R., 1920 E Balto.
Fowler, L. F., 961 Milton pl
Fowler, Wm. H., Irvington
Fox, Francis J., 1811 E North av
Franklin, Henry S., 1731 E Lombard
Frazer, Wm. E., 2106 N 15th W
Frazier, R. H. & Son, 220 St. Paul
Fuller, Geo. A. Co., 1 Maryland Trust bldg
Fuller, Josiah W., 2042 Gough
Funk, Jacob D., 1034 Appleton
Gabler, Louis H., 188 Old York rd
†Gallagher, E. J., 2638 E Balto
Gans, A. L., 1022 W Franklin
Gantz, Chas., 1257 N Broadway
Gardner, Benj. H., 910 N Stricker
Gebb, Geo. A., 321 Jefferson, N
Gebhardt, F., 404 N Wolfe
Gerber, John M., 32 N Pulaski
Gerwig, Charles H., 2142 Walbrook av
Ginter, John A., 1118 Stoddard al
Gissel, Leonard F., 637 N Central av
Goldbach, Otto, 321 S Dallas
Goldbeck, John H., Lombard c 6th, E
Goldstein, B., 244 N Exeter
Gordon, John A., 1429 McHenry
Gough, Wm. J., 416 N Front
Grape, Wm. H., 1016 N 2d, W
Grasmick & Horstman, 1813 Bank
Gray, Richard W., 1603 N Fulton av
Graydon, James W., 1047 N Gay
Green, Andrew O., 719 W Lafayette av
Green, Francis W., 415 Myrtle av
Greenwood, Warner C., 1912 E Chase
Greiffahn, Charles E., 240 Mt Pleasant av
Grempler, Henry M., 1504 Covington
Griffith, Israel, 43 Builders Exchange bldg
Grimes, Elijah J., 2330 Druid Hill av
Groeninger, John H., 909 Druid Hill av
†Gross, Harry E., 1822 N Charles
Grove, Benj. F., Arlington
Gruber, John H., 1157 N Mount
Gunther, Wm., 639 W Lee
Hakesley, Chas. B., 1212 N Gay
Hammen, Mich. Z., 1129 Peirce
Hampson, Wm. W., 2001 Druid Hill av
Hampton, Jesse F., 2931 Walbrook av
Hancock, J. A., 1514 E Pratt
Hare, Valentine, 200 Prospect av
†Harford, Geo. A. & Co., 1906 E Preston
Hart, T. A., 1137 York rd
Harwood, Eugene B., 814 William
†Haswell, John & Son, 550 Oxford
Haycock, Geo. H., 611 W Mulberry
Hayes, Benj. H., 613 Brune
Heck, George, 2815 Elliott
Heckrotte, Wm. T., 311 N Stricker
Hefestay, Chas. L., 1529 Madison av
Helmling, H. A., 130 S Carey
Henry, Frank B., 527 Dolphin
Hepburn, David H., 1908 E Eager
Herbert, Frank, 2126 Jefferson
Hershman, Geo. C., 233 S Regester
Hieronimus, Lewis, 546 W Conway
Hildebrand, Noah E., 1523 N Bethel
†Hiltz, John & Son, 3 Clay
Hoff, John E., Minebank la
†Hoffacker, Jno. W., 7 North Sharp

Houston, W. G., 714 W Mulberry
Houston, W. G., 714 W Mulberry
Houston, W. G., 609 Cider al
Hubbard, Jos. K., 1820 W Lanvale
Hughson, Chas. I., 602 W Hoffman
Hunter, Geo. M. W., 1301 N Parrish
Hurline, Henry, 945 E Chase
Hutt, Stepstoe D., 1738 N B'way
Hyatt, Gouverneur, 731 Gorsuch av
Irvin, David, 1524 E Preston
†Johns, Thomas P., Equitable bldg
Jones, Fredk W., 123 N Montford av
Jones, Thomas L., 410 W Saratoga
Jones, T. Milton, 1520 Light
Joyce, Thomas, 402 N Stricker
Kaiser, Adam, 1018 E Chase
Kanely, Jamcs, 206 N Vincent
Kauffman, August, 1956 Walbrook av
Keil, George, 807 W Lexington
Keilholtz, Geo. W., 760 W Hamburg
Kelly, John H., 1509 Ashland av
Kelly, Wm. M., 318 W 30th, N
Kerr, James W., 440 Aisquith
Kerr, Wm. J., 800 Harford av
Keyes, Jamcs, 2657 W North av
Kidd, John S., 1307 E Biddle
Killmon, Chas. W., 1707 Hopkins av, E
King, Benj., 1915 Ramsay
King, James H., W Arlington
†King, Thomas H., 222 Patterson
Kline, Henry R., 1238 E Madison
Klunk, Francis A., 309 Jasper
Knauff, Wm. G., 401 New
†Knell, Andrew, Jr., 215 St. Paul
Knickman, Henry E., 1018 S Eutaw
Knight, J. J. & Son, 106 Clay
Knighton, J. T., 1830 N Caroline
Koch, John W., 1609 S. Charles
Kolk, Paul F., 2213 E Fayette
†Kratz, Conrad, 239 S Collington av
Krausc, Leonard, 914 S Paca
Lamb, J. & S. H., 253 W Preston
Leaf, Aquilla, 1801 N Broadway
Lee, Francis, 3336 Chestnut av
Lee, H. & Son, 2242 Druid Hill av
Leicht, J. J., 1210 Patterson av
Lilly, George W., 620 Pitcher
Loritz, Ignatius, 1929 E Chase
Ludwig, Daniel, 706 E Chase
Lyons, J. W., 569 Laurens
McCaffrey, Wm. T., 1715 E Oliver
McConville, Hugh, 403 Tyson
McCreer, Thos. J., 1908 Union av, N E
McDowell, Jos. H., Bolton c Watts
McFadden, Wm. J., Linwood av
McIver & Piel, 33 Builders' Ex bldg
McManus, Francis P., 1617 Penn av
McMechen, Henry C., 2844 W North av
McTyre, Benj. F., 1312 Presstman
Maasch, Ernest W., 1519 E Monument
Maccubbin, Richard W., 1633 E Preston
†Macken, Theo E., Law bldg
†MacLellan, Harry H., Law bldg
Madary, Anthony S., 710 Gorsuch av
Magarity, Charlcs E., 1617 St Joseph
Mallonee, George, 447 E 25th, N
Mark, George L., 911 Cold Spring la
Marks, Wm. M., 1608 N Dallas
†Marshall, John E. & Son, 25 Chamber of Commerce bldg
†Marshall, Thos. B., 111 S Eutaw
Martin, Noah, Arlington
Martin, Walter, 1530 Aisquith
Massieu, J. B., 1123 N Mount
Masson, Sam'l E., 1726 Milton av
Masson, Wm. E., 1707 N Regester
Matthews, Jesse, 219 Indepcndence
Mesenzehl Jos., 424 Girard av, N E
†Mcyer, Adolph, 439 Larraine av
Michelmann, Wm., 413 N Luzcrne
Miles, John W., 1523 E Preston
Miller, Chas. A., 205 S Exeter
Miller, Chas. F. & Sons, 634 Vine
Miller, Geo. A., 1522 Vine
Miller, J. Henry, 110 Dover
Milske, Charles, 241 N Patterson pk av
†Minor, B. W. & E., 3 N Sharp
Moke, John S., 3013 St Paul
Monmonier, Geo. W., 207 S Chester
Moran & Porter, 203 W Biddlc
Morgan, John T., 641 W Barre
Morgan, Wm. J., 1028 William
Morris, A. D., 856 Linden av
†Morrow Bros., 212 Clay
Mueller, Fredk. W., 1617½ Ashland av
Mumma, D. T., 1300 Etting
†Murphy, W. T., 843 N Howard
Nash, Jno. P., 2105 Clifton av
Neidermeyer, Henry, 1917 E Hoffman
†Noel, Edgar M., (Large), McCulloh & Eutaw
Nonnenmacher, Louis, 327 S Pulaski
Norbeck, A. W., 318 Jasper
Novak & Hirt, Patterson pk av
O'Connor, James J., 1611 E Preston
Offutt, Henry A., 1013 McDonogh
O'Laughlin, Samuel W., 210 Courtland
Orem, J. B., 106 Clay
Paca, Jas. W., 1124 N Monroe
†Parlett, C. R. (Large), Union Trust bldg
Parker, Wm. H., 125 Ashland av., N
Parks, Geo. W., 1305 James
Parry, Clinton B., 1705 Hope
Patterson, Owen, 1302 John
Peregoy, Benj. H., 4000 Roland av
Peters, Jacob, 1030 N 3d, E
Peterson, Frank J., 310 Hickory av
Pfaff, Geo. J., 2303 E Madison
†Pierson, Henry, 1002 Goodman al
Polk, Wm. J., 534 W Preston
†Porter, Wm. H. & Son, 505 Forrest, E
Potter, D. E. & Co., 1102 Md. av
Powley, Richard J., 1335 N Fremont av
Prather & Peterson, 209 Perry
†Preston, Edward D., 22 Bldrs' Exc bldg
Price, Wm. H., 837 Calverton rd
Pugsley, J. W., 219 W Franklin
Pyles, Julius E., 20 E. Lexington
Radccke & Co., 1306 Bank
Radecke & Louis, 117 W Cross
Rainey, Ed. J., 715 N Eden
Ramsay, W. E., 743 W Mulberry
Reamy, Wm. E., 305 N Arlington av
Reed, Benj. F., 404 N High
Reese, Danl. N., 1020 W Franklin
†Repp, George, 1118 Harford av
Rheim, Wm. G., 1330 N Stricker
Richardson, R. S., 2428 Oak
Richardson & Burgess (Inc.), 1005 Linden av
Ridinger, Isaac F., 227 N Mount
Rigby, Wm. L., 2021 N Smallwood
†Rippel, Henry S., 7 Clay
Roberts, Ed. J., 411 Oxford av
Roberts, Geo. W., 1246 William
Roberts, Jno, 9 E West
Robinson, Jas. A., 1137 N Fremont av
Robinson, Jos. W., 2110 Herbert
Rock, Chas. F., 402 N Patterson pk av
Rudiger, G., 1023 McDonough
Ruth, Benj. W., 526 Laurens
Ryan, Jno. F., 1231 Pa av
Sack, Geo. & Son, Lauraville
Sadtler, Wm. J., 312 E 25th, N
Sauerwein, F. D., 20 E 21st
†Schamberger, Jos., 2216 Boyer
Schmid, David F., 1532 N Wolfe
Schoenlein, L. J., 2217 E Balto
Schuck, Albanus, 3302 E Balto
Schultz, W. H., Edmonson av
Selby, Wm. H., 2632 Loudon av
Selchmann, Edwd., 1808 N Chester
†Sheehan, C. & Son, 117 E Centre
Sheiblein, John & Son, 2616 Francis
Shipley, Lovelace, 817 Elder al
Shutt, C. H., 322 W Franklin
Sieling, Chas. A., 342 N Calvert
Simmons, J. T., 1604 Guilford av
†Simpson, Chas. W., 415 E Lexington
Sipes, J. W., 1044 N Arlington av
Skidmore, Wm. S., 816 W Franklin
Slonaker, Chas. E., 1328 N Gilmor
†Smith, Henry & Sons (Large), 116 Regester
Smith, Ignatius, 203 St Pearl
Smith, Jas. C., 1501 N Bond
Smith, Louis C., 1425 S Charles
†Smyser, H. C., 425 N High
Sorter, G. W., 411 E. 20th, N
Sparrow, Wm. D., 324 W Franklin
†Spicknall, C. A., 237 N Fremont av
Spicknall, Frank C., 327 N Stricker
Spicknall, J. W., 2742 W Lafayette av
Spies, C. C., 1132 N Carrollton av
Spreat, Sam'l, 203 N Pine
†Springer, Eugene D., 428 S Charles
Squires, Alonzo., 1504 McHenry
†Stack, John & Sons, 250 W Preston
Stafford, Jeremiah A., 4 W Hughes
†Stanfield, T. B. & Son, 109 Clay
†Stein, L. T. & Co., 1311 E Fayette
Stevens, John H., 2007 Federal
Stewart, John E., 130 E Montgy
Stinchcomb, S. A., 1706 W Lombard
Stockhausen, Chas. L., 208 Patterson
Stockman, G. W., 1308 Aisquith
Stoddard, Thos. J., 3003 York rd
Striewig Melancthon, 732 W Mulberry
Sughrue, Michael J., 804 St Peter
†Tagg & Horn, 1507 Ashland av
Tall, Reuben H., 730 Light
Taylor, Chas H., 325 W West
Taylor, Thos. H., 2246 Canton av
Tegeder, Jno. F., 428 Clairm't av
Thorington, Francis A., 2037 E Fayette
Thuman, Jos. B., 129 E West
Timanus, Edw. E., 1333 Mosher
Timanus, J. H., 1014 N Arlington av
Tipton, Jas. W., 1617 Covington
Towson, Jno. P., 931 Madison av
Traynor, Thos. H., 1641 Orleans
Trimble, Wesley L., Forrest av n
Ulrich, Wm. W., 3308 Chestnut av, N
Vansant, Thos. H., 1427 Harford av
Vcditz, Jno. H., 540 W Conway
Vogel, Chas., 1512 N Spring
Volland, Wm. F., 414 W Henrietta
Walker, Nelson, 2123 Division
†Walsh, J. H. & Bro., 406 S Charles
†Walsh, J. J. & Son, 1102 Md. av
Warfield, Geo. E., 200 N Monroe
Wartman, Chas., 328 E 25th
†Waters, John, 23 E Centre
Watts, C. C., 113 W Hamilton
Weaver, John, 620 S Paca
Webster, Chas. R., 933 Hopkins av, E
Wehr, Jno. J., 705 Robinson
Weidner, Wm. A., 1737 N Castle
Wendel, Philip, 1526 N Spring
Wernsing, Henry, 1500 E Oliver
West, A. F., 217 S Gilmor
White, Emmet R., 316 N Parish
Williamson, C. S. M., Equitable bldg
Willis, H. G., 786 W Saratoga
Willis, W. M., 2802 Raynor av
Wilson, J. H., 13 N Sharp
Wimert, Franklin McC., 2124 Pa. av
Winbigler, Geo. H., 640 Vine
Wolff, Richard, 1133 S Sharp
Wolpmann, N. W., 805 N B'way
Worley, Alex, 803 N Gilmor
Worthington, James, 305 W Franklin
Wright, Michael, 570 Laurens
†Wright, M. Luther, 324 W Biddle
Yeatman, W. E., 818 N Fulton av
Young, Geo. H., 411 S Payson
Zimmerman, Wm. E., 1217 McElderry

BEL AIR—Colder, Frank
Harryman, William D.
Lingan, John F.

CAMBRIDGE—Ennis & Christopher

CHESTERTOWN—†Dwyer & Bro.
†Pippin, R. K. & Son
†Stuart, Montgomery

CUMBERLAND—Allen, A. B.
Cornwell, W. A.
†Cumberland Building Co.
†Dunn, Geo. T.
Hawk, Geo. S.
†Mertens, F. Sons (Large)
†Reuschel, Jno.
Roeder, Heller & Lippold
Wise, Silas W.

EASTON—†Bush, J. T.
†Whitehouse, Lewis

ELKTON—†Merritt, Calvin
†Rambo, Jacob
Strickland, A. M.

ELLICOTT CITY—Bewley, Isaac T.
Mattingley, Chas.
Merson, J. W.
Wideman, Wm. J.

EMMITSBURG—Tyson & Lansinger

FEDERALSBURG—†Logan, Robt.
White, J. P.

FOREST HILL—Harkins, John T.
Lewis Geo.
Shook, Lewis A.

FREDERICK—†Batzell, Wesley, 20 W 3d
Duvall, W. L.
Fleming, Chas. F.
Gittenger, M. H.
Hafer, Samuel
†Lambert, Geo. & Son
Pool, Chas. A.

GLYNDON—†Marshall, John T.

GREENSBORO—Insley, E.
Letty, John B.

HAGERSTOWN—†Burger, F. G.
Burger, Jno. R.
Wolf, G. B.

HARMONY—Baker & Son

LAUREL—Ellis, L. A.
Jackson, John W.
McNulty, Chas.
†Melson, Jno. T.
Nicholson, Arthur

LAYTONSVILLE—Easton, Samuel H.
Houck, Edward H.

LONACONING—Story, John & Co.

LOWER MARLBORO—Macdonald, R.
Younger, R. Z.

MONKTON—Young, George W.
Young, John T.

MT. WASHINGTON—†Ownings, I. S.

OAKLAND—Jarboe, J. M.
Spedden & Bolden

POCOMOKE CITY—Laukford, B.
Richards, J. W.
Ross, Ralph

PRINCESS ANNE—Colonna, S. H.
Hayman, C. H.

ROCKVILLE—Groomes, T. C.
West, E. M.
SALISBURY—Jonson, W. J.
Mitchell, T. H.
Slemons,, T. M.
SNOW HILL—Henderson, J.
Stevens, J. F.
Truitt, Geo. W.
SYKESVILLE—Carroll, James H.
Hipsley, Geo. W.
THEODORE—Armour, Wm.
Ferguson, Chas.
Lynch, John
TILGHMAN—†Cooper, Jas. H. & Son
WESTMINSTER—†Elgin, J.
†Hunter, Philip

MASSACHUSETTS.

ABINGTON—Baker, C. L.
Barton, A. B.
Leach, Arthur T.
Leach, Edwards H.
ADAMS—Barnes, A. T.
Briggs, Jerome
Daniels, Chas.
†Fleming, Jas. M.
Gavin, John
†Higgins, Frank J.
King, Jno.
Miller, H. C.
AMESBURY—Babb, E. H., Water
Bailey, John N., 13 Whitehall
Blackstock, David E., 10 Highland
Fogg, Jeremiah R., 2 Union ct
Libbey, Leonard A., foot of Ring
Smith, G. Dennis, rear Pond
Smith & Maney, Water
Vining, Wm. F., Haverhill road
AMHERST—†Allen Bros.
Bosworth, George E.
Chapin, L. R.
Macomber, H. L.
Marsh, E. F.
Smith, Wm. E.
Steves, E. J.
Tuttle, Alfred
Waite, George A.
ANDOVER—Cummings, Brainard
Hardy & Cole
O'Connell, Arthur F.
O'Connell, Wm.
Richardson, Adam C.
ARLINGTON—Barker, Simeon
†Baston, James
Disston, Geo. A.
†Gratto & Garnester
Kimball, Wm. G.
McDonald, Angus G., A. H.
MacDonald, Robt., A. H.
Marston, Oran B.
Rand, Edwin N.
†Sawyer, George A.
†Shirley, Jno. E. & Son
Siliker, Chas. M.
ASHBURNHAM—Lane, James A.
Raymond, H. M.
ASHFIELD—Braman, George D.
Ranney, Darwin A.
Smith, William H.
ATHOL—Bemis, Thos. B.
Burdick, Chas.
Dexter, Joseph L.
Fredette, Edward
Hamilton, Wm.
Newell, Asa
Tolman, G. A.
Twitchell, B. A. & Bro.
Woodward, F. C.
ATHOL CENTRE—Allen, William
Boyce, R. F.
ATLANTIC—Brown, G. A.
†Ramsdell, Eliah
ATTLEBORO—†Ashley, M. F.
†Brownell, A. N.
Courtney, Jno. A.
†Currie, Malcom
†Grant, Bros.
†White, H. E. & Co.
ATTLEBORO FALLS—Champlin, Horace
Driscoll, Thomas
AUBURNDALE—Harris, Wm. O., 333 Auburn
Purdy, Edw. B., Pine n Sanford
†Soule, W. F., 50 Rowe
AVON—Edwards & Appleby
AYER—Bennett, Charles C.
Childs, Samuel
Crawford, George
Fletcher, Joel E.
Hosmer, Fred.
Hosmer, John E.
LePoint, Louis
BALLARD VALE—Clukey, Henry
Penny, L. A.
Waldo, J.
BARRE—Bassett, Henry M.
Fullam, Frederick L.
Gilwee, Henry J.
Osgood, Charles H.
Rice, Clarence E.
Richardson, H. H.
Spooner, Timothy J.
BECKET—Cross, Wm. J.
Prentice, Wm. W.
BEECHWOOD—Pratt, John Q. A.
BELCHERTOWN—Capen, Charles
Hoag, Henry D.
Pease, Edward
Shanno, Oliver
BELMONT—†Brown, T. S.
Hatch, A. L. & S. O.
Kinread, Wm. R.
†Lamont, Thos.
McCabe, David S.
Melanson Bros.
BERLIN—Hartwell, D. P. (Berlin Centre)
Keyes, A.
BERNARDSTOWN—Connable, S. C.
Ellingwood, Hart
Oakes, Gardiner J.
BEVERLY—†Butnam & Remsen, Essex
†Carm, Edgar, 10 Enos
†Churchill, F. W., Lovett
†Dexter, Samuel R., 18 Summer
†Gregg, Jno. W., 7 Rantoul
†Hardy, & Day, 2 High
†Ober, I. & E. H., Valley
Ober, Prince, 363 Cabot
Rankin, Builder, 6 Highland av
†Stanley, Andrew, 16 Elliott
†Wallis, Henry B., 98 Corning
BLACKSTONE—Buck, C. W.
Kenney, John
Sullivan, Timothy
Taft, L. A.
BOSTON—Abbott, E. A., 95 Milk
Allen, Chas. S., 9 Allston, Alls
†Allen, H. C., 1208 Harrison av
†Ames, Willard, 126 Harrison av
†Archer, Albert B., 143½ Main, Chsn
Ayres, A. A., 3 Starr la
†Ayres, M. D. & Sons, 767 Centre, J. P.
†Babcock, C. & Co., 27 Beverly
Babcock, P. L., 10 E Concord
Bagloe, J. C., 16 Waltham
Balch, Joseph, 14 Webster av
†Ballantyne, Walter, 180 Dudley
Barker, Geo. H., 163 Causeway
Barnes, Garrett, 1158 Columbus av
Barron, G. A., 129 Freeport
Bell, J. R., 483 Tremont
†Belledeu, C. H., 5 Province ct
Belyea, F. W., 71 Chestnut
Berrigan, E. D., 114 Broad
†Bertram, James, 330 W B'way
†Bishop, J. W. Co., 683 Atlantic av
Bixby, J. J., 320 W 1st
Blackwood, I. O., 75 W Dedham
†Blanchard, C. C., 220 Devonshire
†Bogart, I. H., 21 Barrett
†Booth & Co., 42 Court
†Boston Bldg & Reair Co., 101 Tremont
†Boston Construction Co., 194 Wash'n
Bourne, Geo. F., 148 Mt Vernon
Bowman, Geo. H., 8 Hawley pl
Bowers Bros., 832 Columbus rd
Boyd & Berry, 11 Grampian Way
Brodie, Geo. W., 156 Hanover
Brown, C. F., 88 W Broadway
Brown, Jas. W., 63½ Chestnut
Brown, Jos. L., 379 Albany
†Bruty, John W., 7 Water
†Burke Bros., 27 Columbia pl
†Burns, D. F., 36 Bromfield
†Burt, J. H. & Co., 1617 Blue Hill av., Mat
Burton, J. H., 74 Poplar Rox
†Butler Bros., 19 Kempton
Cahill Construction Co., 7 Water
Cameron, A. D., 16 Calder
Campbell, Jno. P., 26 Boylston (J. P.)
Cavanaugh, Jno. & Son, Building Moving Co., 437 Dor. av
†Chadwick & Stillings, Equitable bldg
Chaloner, H. W., 68 Broad
Chamberlain, W. A., 1250 Wash'n
Chapman, Elisha M., 19 Bower
Chisholm, A. C., 556 Warren, Rox
†Chute & Constable, 101 Tremont
†Chute & Ellis, 402 Main
†Clark Construction Co., 8 Beacon
†Clark, H. S. & E. A., 429 W Bway
†Clark & Lee, 113 Devonshire
Colby, Frank S.,, 31 Providence
Colcord, Benj. F., Co., 7 Berkeley
Cole, C. W., 38 Harvard
Connell, Wm. A., 37 Harvard
†Conners Bros., 95 Milk
Coon, Jno. J., 46 N Market
Cooper & Pelley, 50 Danforth
†Cowin, F. H. & Co., 100 Boylston
†Coyle, M. J. & Co., 347 Washn, Br
†Cram, D. Henry, 23 Powers, S B
Cranitch, Jno. J., 7 Water
Creber, F. C. & Son, 41 Eustis
Crosby Bros., 311 Geneva av
Crouss, Geo. D., 57 Rockwell, Dor.
Crowe, Jonathan, 791 Harrison av
†Crowell, J. W., 52 Charles
Crowley, F. G., 8 Province ct
Cummings, Chas. P., 2735 Wash'n
Cummings, F. P., 19 Wareham
†Cummings, H. P. Co., 178 Devonshire
†Currier, C. E., 84 Summer
†Cutler, F. C., 236 Washn, Br
†Cutting, Geo. H. & Co. (Large), Tremont Bldg
Daly, Jas. E. & Co., 315 W 3d
Dame, Geo., 21 Conway, Ros.
Damrell, T., 1272 Wash'n
Danforth, W. E., 11 Province Ct
Daniel, John H., 125 Albany
Daunt, Jno. A., 355 E.
Davison & Kelcher, 16 Avery
†Decker Bros., 147 Dudley
Deegan & Haliwell, 122 Water
De Lancey, J. S., 641 E Bway, S B
De Lorie, H. H., 1878 Dorch av
DeLue, Jas. H., 20 Hudson
†DeLue, Wm. H., 30 Bedford
Dodge, Chas. A. & Co., 8 Beacon
†Dodge, Chas. H. Construction Co. (Large) 23 Common
Doherty, M., 236 Friend
Douglass & Clark, 287 Adams, Dor
†Drake, Herman, 406 Border
Drake, Jno. W., 406 Border
†Drisko, Alonzo S., 16 Thayer
†Drisko, O. H. & Son, 166 Devonshire
Dunham, J. M., 57 Albany
Duran, Chas., 60 Dent, W R
†Eadie, Wm., 633 Columbia rd
†Eaton, Wm. T., 734 E Bway, S B
†Eddy, L. W. & Co., 709 Dudley
†Edwards, Wm. C., 113 Devonshire
Ellis, A. E., 3 Wadsworth Alls
†Emery, A. J., 75 W Dedham
Emery, W. G., 27 Lex, E B
Farquahrson, T. J., 1815 Dorchester av
Ferguson, W. S., 127 W Canton
†Fifield, Wm. S., 25 Bowker
Fish, M. J., 149 Northampton
Fletcher, J. T., 121 Clinton, Rox
†Flynn, J. J., 95 Milk
†Fosburgh, R. L. & Sons, 131 State
Forsyth, H. L., 1a Richfield
†Foss, E. S., 3 Appleton
†Fossett, M. H., 4350 Wash'n
Foye, F. W., 92 Utica
†Frame & McPherson, 99 Border, E B
†Fraser, James C. & Sons, 4 Province ct
Fraser, Norman D., 11 Braintree
Freeman, E. F., 2a Ramsey
†Fuller, Geo. A. Co., 131 State
Fuller, H. L., 48 India
Furber, O. E., 6 Beacon
Ganey & Burke, 4 Alden
Gardner, Luther B., 113 A Warren (Rox)
Gates, S. R., 233 Atlantic av
Gay Bros., 45 Gurney
General Construction & Repair Co., 101 Tremont
†Gerry & Northrup, 458 Harrison av
Gibson, Rich'd, 166 Devonshire
Gillard, Geo. A., 454 W B'way
†Gilbreth, Frank B., 176 Federal
†Gilpatrick, J. W., 125 Merrimae
†Goodwin & Wester Co., 102 Seaverns av. J P
Gordon, M. F., 37 Anderson
Grace, Warren B., 31 Cornhill
†Grace, Wm. O. D., 46 Park, Chsn
†Greenlaw, Wm. C., 1200 Harrison av
†Gregory, E. R., 75 W Dedham
†Griffin & Farrell, 95 Milk
Griffiths, T., Merchants row
†Guastavino, R. Co., Old South bldg
†Hadlock, J. E. & Co., 130 Water
†Hale, Richard L., 39 Malden
Hall, Wm. H., 390 Cambridge, Alls
Hamilton, Edw. P., 103 Bunker Hill
†Hamilton, Geo. W., 196 Sydney, Dor.
Hamilton, Isaac G., 4 Mall Rox
Hammond, Jas. A., 59 Woolston
Hanlon, Thos. H., 1721 Dorch. av
Harlow, Frank, 157 Pleasant
†Harvey, Geo. W., 24 Milk
Haskell, R. K., 34 Vose

Hatch, W. J., 75 Minot, Nep.
†Hathaway's, A. Sons, 77 River
Hawes, B., Jr., 14 1-2 Harrison av
Head, J. T. J., 14 Bway ext
Hebb, Wm. C., 15 Scotia
†Hersee Bros., 4267 Washn Rox
†Hersey, Ira G., 166 Devonshire
†Hildreth, J. W. & Son, 397 Atlantic av
†Hine, E. B., 8 Creek sq
Hodges, Fred. L., 166 Devonshire
†Holmes Bros., 187 Cabot
†Holmes, Chester D. (Large), 20 Creek sq
Horn Bros., 18 Cambria
Horne, R. F., 139 W Brookline
Horsman, Geo. R., 1894 Dorchester av
†Horton & Hemenway, 161 Summer
†Hosmer, Jerome C., 166 Devonshire
†Howard Bros., 412 Dorchester av, S B
Howe, T. L. & Co., 258 Wash'n
Huestis, Jos., 32 F H sq
Hughson, Wm., 121 Eliot
†Hunt, H. H., 166 Devonshire
Hunt, W. H., 515 E 2d
Huntley, W. G., 364 B Warren, Rox
Hurley, Jno. J., 27 Knapp
†Jackson, James, 121 Rugglcs
Jacobs, D. H. & Son, 166 Devonshire
†Jacobs, Jas. H. Co., 116 Bedford
†Jefferson, W. J., 149 Dudley, Rox.
Johns, T. E., 1006 Tremont
Johnson Bros., 166 Devonshire
Johnson, Dawson, 7 Burroughs, J P
†Johnson, F., 84 Chestnut
Jonah, Leonard, 77 Joy
†Jones, A. E. Co., 76 Sudbury
Jones, J. W., 3 India sq
†Jones & Meehan, 1 Beacon
†Jordan, Abram, 135 Boylston, J. P.
Kelly, John E., 186 Sycamore
†Kempton, Herbert, 6 Murray ct
Kent, Martin J., 708 E 7th
†Keys, W. H. & Co., 95 Milk
Kinney, A. F., 114 Huntington
Laming, G. P., 111 Clifton, Rox.
Lamont, Calvin, 96 Dudley
†Landick, W. G., 9 Lime
Landers, E. C., 2 Silva pl
Laveau, Edw., 46 Northb
†Laws, W. H. H., 84 Harrison av
Leary & Johnston, 350 Wash (Br.)
Le Blanch, L., 47 Prentiss
†Le Cain. O. R., 10 Palmer
Lemmler, Chas. F., 4566 Washington
Letteney, C. F., 25 Bromfield
†Lewis Bros., 163 F
Littlefield, Elisha, 31 Milk
†Lockhart, W. & Co., 18 Harvard pl
†Logue, Chas., 9 Cornhill
Long, John & Son, 9 N Russell
McAleer, Patrick (Est.). 21 Province
McArdle, Jas. W., 95 Milk
McAnulty, A. F., 435 Dudley
McCabe, Jno., 10 Norfolk av, Rox
McCabe, D. S., 27 Fulton
McCabe, Jno., 10 Norfolk av
McDonald, J. R., 664 E Broadway
McDonald, Angus D., 135 Pleasant
McFarland, Wm. T., 29 Central
†McGaw, John & Sons, 128 Washn, N
McGillen, Chas. T., 7 Salisbury pk
McGovern & Lynch, 420 W Bway
McGregor, John B., 83 W Concord
†McIntosh, A. G., 2 Creek sq
McKay & Woolner, 21 Harvard pl
McKay, Jno. P., 1277 Washn
McKenzie, A., 14 Bennet
McLaughlin, Edw., 437 Dudley
†McLaughlin, T. B., 71 W Dedham
McLaurin, Jno. D., 498 Harrison av
†McLean, Austin W., 203 Endicott
†McLean, Isaac, 31 Lancaster
McLean, Wm. J., 84 Chardon
†McNabb, Hugh J., 438 Geneva av
†McNeill Bros., 196 Freeport, Dor
McNutt, W. L., 2566 Washington
McPherson, J. A., 21 Academy Hill rd
McPherson Bros., 96 Windsor
Mabie, Wm. I., 9 Cornhill
MacDonald, Angus, 161 Devonshire
Mack, J. J. & J. F., 95 Milk
Mack & Moore, 52 Chapman
MacKay, J. F., 4265 Wash'n
†MacKinnon, Neil, 415 Chestnut Hill av
†Mainland, John Y., 166 Devonshire
†Maney, Maurice H., 95 Milk
Manning, Jno. M., 8 Bellevue, W. R.
†Martin, L. & Co., 143 Harrison av
†Mass. Construction Co., 262 Washn
Mathews, J. H., 4 Wash'n, N
†Maxson & Co., 106 Milk
†Maynard, J. B., 80 School, Chsn.
†Mead, Charles H., 39 Court
†Mead, Mason & Co., Tremont bldg
Merz, Gottlieb, 306 Centre, J. P.
Miller, S. N. & C., 166 Devonshire
†Milner, A. Murray, 642 Wash'n, Dor.
Minton, Alex. G., 17 Harvard pl
†Mitchell & Sutherland, 166 Devonshire
Morcombe, F. T., Jr., 199 South
Morgan, P., 54 A
†Morrill, J. M. E., 24 Alpha rd
†Morrill & Whiton Construction Co., 35 Federal
†Morrison, George W., 65 Wareham
†Morrison, A. C., 9 Starr lane, J P
Morrison, N. M., 511 Tremont
†Morrison, W. L. Co., 101 Tremont
Mosher & Young, 39 Green, J P
†Moulton & O'Mahoney, 209 Washn
Muldoon, J. & W. H., 29 Maple av
†Murphy, Stephen, 481 Tremont
Nason, Arthur E., 14 Cambria
†National Building Co., Old South bldg
Neal, Preble & Co., 166 Devonshire
Nelson, J. E., 34 Beverly
New England Cons. Co., 53 State
†Newby, Thomas H., 557 Bennington
Nicholls, Wm. R., 10 Polk
Nichols & Morton, 17 Harvard pl
†Nicholson, Jos. & Son, 101 Tremont
Nolan, Jno. H., 373 Centre, J P
†NORCROSS BROS., Tremont Bldg
(See adv. index, page 1200)
Norris, Chas. D., 30 Bedford
Norris, Edgar J., 242 Mass. av
†Noyes, C. A. & Co., 8 Province ct
†Oakman, Arthur L., 5 Oakman, Dor
Oakman's, Henry P. Sons, 3 Oakman, Dor
O'Brien, Peter F., 17 Scotia
O'Hearn, Patrick, 1464 Dorch av
†Oliver, John, 1206 Harrison av
†Oliver & Letteney, 5 Call, Chsn.
Olpin, S. J., 577 E 8th
†Orne & Lawrence, 9 Cornhill
Ourish, Jno. S., 57 Hobart
†Peard, William, 142 Dorchester av
Peck, H. W. & Co., 34 St James av
†Philbrick, Joseph, 193 Warren, Rox.
Pickett, C. N., 655 Centre, J. P.
Pinney, Geo. H., 52 Charles
Piper, E. E., 101 W Brookline
†Plummer, R. B., Jr., 21 Common
Plunkett, Jas. S., 205 W 5th
†Pope, James, 1147 Adams, L. M.
Powell & Nickerson, 118 Commerce
Powers, Frank H., 52 Charles
Pray, Wm., 166 Devonshire
†Proctor, Jno. H. & Co., Old South bldg
Purssell, Jas. B., 1241 Morton, L. M.
Pyne, Jas. O., 40 Camden
†Quin, Jno. & Son, 25 Otis, E Cambridge
†Rankin, Joseph S., 106 Washn, N
Randlett, F. H., 457½ Dudley
†Rankin, Colin D., 35 Dundee
†Read, Alton G., 165 Dudley
†Redmond, C. D., 226 Pleasant
Rich, Luther W., 65 Joy
Richardson & Burgess (Inc.), Winthrop bldg
†Richardson & Young, 23 Beverly
Ringer, A. C., 477 Cambridge, Br.
Roberts, C. F., 10 E Springfield
Roberts, G. F., 152 Tyler
Roberts, J. H., 12 Hawley pl
Robinson, N. C., 217 Pleasant
†Robinson, L. D., 394 W 1st
Rodd, W. G., 382 W Bway
†Rogers, Alex., 325 Poplar (Ros.)
†Ross, Henry F. Co., 166 Devonshire
†Ross, Jos. & Sons, 28 School
†Ross, Thomas A., 199 Green (J. P.)
†Rutan, William L., 71 Wareham
†Saggese, F. & Co., 246 Hanover
†Sanby, William, 213½ Commercial
Sanford, T. A., 15 Braintree
Sawyer, F. C., 168 Harrison av
Schneider, Jno., 26 Clive, J P
†Schneider, Peter, 14 Egleston, J P
†Scott, James G. & Son
†Scott, James G. & Son, 1146 Dorchester av
Sheridan, Jno., 131 E B Border
Shields, Malachi, 81 Circuit
†Silva, Joachim, 12 Woodbury
Simmons, G. H., 139 Kingston
Simmons, Horace F., 311 Border
Slocum, L. H., 83 Sudbury
Smith, Chas O., 4272 Washn, Rox.
Smyth, Fred. E., 18 Cambria
†Soley, Jno. & Sons, 166 Devonshire
†Southwick, Nelson L., 157 Charles
†Spear, George A., 8 Bellevue, W R
†Spenceley, W. S., 14 Abbott (Dor.)
†Sprague, Isaac, 145 Dudley, Rox.
Staples, W. E., 311 Border Chsm
†Starbird & Johnson, 292 Main Chsm
†Stedman, Walter, 12 Cherry
Stillman, E. N., 14 Dunstable
†Strickland, F. W. & Co., 112 Dover
Sullivan, Jas., 346 E
Sullivan, M. F., 273 Commercial
†Sumner, Wm. S., 44 Starr lane
†Sutherland, J. & A. W., 63 Bartlett, Rox
Sylvester & Cooper, 101 Tremont
Thomas, D. W., 12 Central
†Thompson-Starrett Co., 141 Milk
Tilden, Chris., 85 Warren, Rox
Tobin, Thos. J., 3628 Washn, J P
Tobin, Wm., 32 Perkins, J. P.
Townsend, Geo., 9 Georgia, Rox
Tracy, T. T., 33 Tyler
†Trafton, S. P., 33 Hawkins
Tretheway, A. J., 19 Robert, Rox
Trower, John, 52 Charles
Tucker, E. E., 233 Atlantic av
†Tufts, George M., 29 Wareham
Twomey, John, 739 Atlantic av
Uniacke, Thos., 27 Wareham
†Vallee, Francis, 1196 Harrison av
Vatcher, Simeon J., 32 Tyler
†Vickery, J. A. & Son, 17 State
†Vickery, J. A. & Son, 9 Cornhill
Wagner & McFarlane, 649 Wash, Dor
†Wakefield, J. H., 19 Bowker
Walsh, L. F., 14 Cambria
†Ward, R. D. & Co., 1353 Columbus av
Warner, Wm. H., 10 Conway
†Warnock, James, 446 Atlantic av
Watson, Walter, 272 Shawmut av
Watts, Simeon, 195 Western av
Webster, Danl. P., 51 Bristol
Whidden, J. B., 256 C
†Whidden & Co., 43 Milk
†Whitcomb, E. Noyes & Co., 53 Wareham
†Whitcomb, F. L., 166 Devonshire
White, John, 277 Dorchester av
Whiteacre, Robt. W., 2 Alexander
†Whitney, Arthur C. (Large), 18 P O sq
†Wilkinson, Frank, 180 L, S B
†Wilkinson, J. C., 8 Province court
Willcutt, L. D. & Son, 166 Devonshire
†Williams, J. H., 31 W 1st, S B
Williams, Thos. A., 110 Portland
Wills, T. R., 110 Newburg, Ros.
Wilson, J. B., 17 Willard pl
Wilson, Timothy, 36 Beverly
Wilson, Wm., 228 Main
†Wisdom, J. E., 86 Chardon
Wood, J. H., 41 Beverly
Woodall, John, 335 W 4th
†WOODBURY & LEIGHTON CO., 166 Devonshire
Wright, I. C., 635 E 4th
Wyatt, Fred W., Norway nr Turner
†Wylie, Charles, 9 Province
Yates & Jones, 123 W Canton
York, Jas. M., E 1st opp I

BOURNE—Blackwell, E. A.
Waterhouse, M. C.

BRADFORD—Brown, John T.
Cole, N. S.
Cook, C. C.
Lockwood, Jas.
Small, Freeman K.

BRAINTREE—Hobart, Charles W.
Holbrook, George H.
Robinson, J. H. G.

BRIDGEWATER—†Ball, J. H.
†Hutchinson, W. P.
†Johnson, Elias
†Keith & Hayward
†Neville, Jas.
Wentworth, W. C.

BRIGHTON—Cutler, Virgil M., 15 Newton
†Haynes, W. H.
†Muldoon, Jas. A. & W. H., 27 Lincoln
†Ruggles, H. R.
†Wilbur, P. Forbush, 34 Murdock

BROCKTON—Ames, Isaiah B., 22 Mason
Beal, J. F., Haverhill, opp Turner
Bowden & Sons
Cross, Charles H., 254 Market
†Floren, F. M. T., 244 Montello
Gillis, James M., 28 Pine av
†Gilson, Arthur W., 43 Sawtell av
Gold, J. Wesley, 73 Porter av
†Hall, Dana L., 129 Montello
Hall, John W., 34 Hervey
†Hayward Bros., 351 Montello
Holmes, Nehemiah S., Hayward
Irving Bros., 243 Howard
Jackson P. H. (Large), 78½ Railroad av
†Lays, Wm., 80 Railroad av
Lindsay, John, 132 Huntingdon
Mackie Bros., 64 Winthrop and 38 Mulberry
Moore, Charles H., 30 Riverview
Moynihan, J., 274 Summer
Nordbeck, A. F., 57 Menlo
†Noyes Bros., 83 Weston
†Nye, Joseph B., 30 Wilmington
Olson, Charles T., 29 2d
Olsen, John, 104 Menlo
†Peterson Bros., 35 Market

Phinney, Samuel I., 26 Mason
†Poole, A. P., 86 Main
Porter & McLeod, 356 Crescent
†Smith, Edgar O., 46 Appleton
Stetson, William, 50 Milton
†Stevens, Allison, 50 Wilmington
†Swain, D. G. & Co., 14 Foundry
Tibbetts, John, Cleveland av
†Wass, Henry, 38 Porter
Waugh, Brice H., 1 Forest

BROOKFIELD—Eaton, O. F.
Ward, Justin

BROOKLINE—†Bailey, Arthur H., 65 Kent
Bowker, Watts H., 222 Aspinwall
Cantwell, P. J., c Perry & Brook
Carver, Geo. W., 8 Perry
Delano, O. B. Sons, 346 Washington
Dower, F. J., off Carlton
†Forbes & Toombs, 365 Harvard
Frost, Calvin C., 201 Boylston
†Goodwin, Willard A., 13 Goodwin pl
†Gowan, Jno. C., 4 High
Johnson, George H., 2 High
†Heighton, Lincoln I.
†Lyon, L. T. & Son, 40 Brook
†Mac Rea, Jno., 258 Wash'n
†Martin, L. & Co., Hammond st
Mealey, M. D., 114 Chestnut
†Neal, B. W., 293 Boylston
†Pineto, J. H., 8 Hurd rd
Reynolds, Milton F., 65 Kent
†Salter, W. W. & Co., 222 Wash'n

CAMBRIDGE—Barker, John, 283 Huron av
Beedle, M. C., 31 Wendell
Boynton, E. W. & Co., 186 Harvard
Briggs Bros., 186 Lake View av
Brock, E. O., 35 Highland av
Brown, Jas. E., 275 Columbia
Brown, S. E., 72 State
Burns, David F., 5 Blackstone
Campbell, Wm., 2054 Mass. av
Carr, Charles, 37 Garden
Chaplin, George & Co., 32 Fayette
Chaplin, Sedley, 1400 Mass. av
Connelly, Thomas, 4 Emmons pl
Connor, Thos. C., 83 Orchard
Currie, A. Y., 376 Harvard
Dennison, Jas. E., 134 Cambridge
Dinsmore, Daniel K., Boylston
Dix, Ervin R., 18 Locke
Douglass, W. G., 18 Meacham
Elston, John, 225 Hampshire
Farnham, Geo. B., 12 Western av
Filmore, W. & Co., 25 Cherry
French, Oren B., 15 Palmer
Furbish, Fred. B., 25 Church
Gillespie, I. W., 483 Main
Gordon, Thomas, 10 Locke
Grovestein, R. C. & Co., 1388 Mass. av
Hall, Thos. S., 107 Franklin
Hayden, Z., Dyke c DeWolfe
Hayes, J. T., 84 Kinnaird
Hersey, Ira G., 113 B'way
Higgins, Wm. H., 19 Walden
Hopkins, Albert B., 276 Pearl
Hoyt, Benjamin J., 33½ Essex
Jean, Alexander, 22 Montgomery
Keenan, J. H. Co., 1st c Thorndike
Kelley, S. J., 19 Western av
Lamont, Thomas, 101 Belmont st, Blen
Lapier, Frank, 81 Cambridge
Leach, Wm. H., 880 Main
Leake, Christr., 25 Warland
Lopez, Albert P., 187 Harvard
Luce, Samuel H., 134 Clark
McArthur, Isaac W. & Co., 38 Prince
McDonald, Alexander & Son, Mt. Auburn c Aberdeen av
McGirr, Jno. C., 1522 Cambridge
McIsaac, John A., 5 Washington
McKinnon, C. E., 728 Mass. av
McPhail, George E., 5 Palmer
Mahaffey, J. T., 91 River
†Mahoney, C., 69 Gore
Mannion, John, 72 State
Marshall, Wm. R., 185 Appleton
Mathews, James, 57 Tremont
Mead, J. F., 1 Jay
Miller, Chas. M. 64 Orchard, N. C.
Nesbitt, John, 70 Boylston
Nesson, Israel, 55 Mt. Pleasant
Newcomb, C. S., 80 State
Norcross Bros., foot Brookline
Norris, W. H., 27 Western av
Ormond, F. J., 10 Whitney ct
Packer, James W., 72 Chestnut
Patterson & Fox, 10 Oak Circle
Perry, F., 106 Henry
Plummer, W. H. P., 254 Winsor
Porter & Large, 18 Green
Power, David W., 41 Gibson, c Kenney
Quin, John, 132 Cambridge
Rice, Israel B., 7 Palmer
Rice, Stedman A., 26 Church
Rich, Justin W., 20 Central sq
Roach, Charles S., 26 White
Rogers, Barrett, 31 Church
Ross & Crosgrove, Junct. River & Western av
Sheehan, Joseph F., 111 Montgomery
Small, C. W., 22 Sands
Snow, Russell L., 190 Hamilton & 211 Allston
Thomas, James E., 105 Oxford
Tobey, S. A., 4 Putnam ct
Wentworth, R. & C. G., 7 Essex
Whitcomb, Frank L., 113 B'way
Willard Bros., 826 Somerville av
Wilson, Gustavus, 302 Columbia

CANTON—Bright, Alonzo
Bright, Horace
Bright, W. H.
Curtis, H. W.
Haley, Patrick
Stone Bros.

CARLISLE—Page, H. Arthur
Wilson, Horace W.

CARVER—Hatch, John B.
Southworth, Jason

CATAUMET—Fuller, T. A.
Swift, George A.
West, James H.

CENTREVILLE—Bearss, Chester
Crosby, Owen

CHARLEMONT—†Graves, E. C.
†McCloud, Brooks

CHATHAM—Edwards, David W.
Snow, George T.

CELMSFORD—Hagerman, S.
Holt, A. W.
Larcom, Jonathan
Parkhurst, Charles E.

CHELSEA—Batchelder, W., 880 B'way
Briggs, Edward P., 71 Park
Buchanan, James, 30 Watts
Campbell, John M., 9 Fifth
Cheever, Wm., 69 Division
Clark, George W., 112 Pearl
Corcum, Levi F., 111 Orange
Dorr, John W., 45 Marginal
Emroe, James, 47 Spencer av
Gavin, J., Highland st
†Grover, W. D., Franklin st
Hawkes, R. N., 175 Hawthorn
Hawks, T. Q., Washington av
Hutchins & Macomber, Crescent av
†Jones, Francis A., 6 Jones av
Kibby, Charles, Park av
Lawrence, Prescott, 154 Shurtleff
McNeil, C. H., 26 Hancock
Spinney, A. R., 61 Shawmut
Tenney, J. D., 297 Crescent
Tucker, A. W., 45 Eden
Wilkinson, J. H., 328 Broadway

CHESTER—Bartlett, Augustine
Quigley, Fred. W.
Wilcutt, Alpheus

CHICOPEE—Abbee, Oscar A., 676 Bway
Carreau, Louis, 730 Chicopee, Will
Croteau, Marcel, 734 Gratton, Aldenville
†Griggs, D. B. & Sons, C. Falls
Hogan, John J., 178 Centre
†Murphy, Dennis, 44 Granfield
†Paine Bros., C. Falls
Rivers & Young, 72 Skeel, Will

CHICOPEE FALLS—La France & La Riviere, 94 Main

CHILMARK—Hancock, Russell
†Tilton, Horace

CHILTONVILLE—Hoxie, Edward
King, Stephen C.

CLINTON—†Clinton Wall Trunk Mfg. Co., 28 Main
Fuller, Wm. A. & Co.
†Lowe, Horace H., 141 High
†Norton, W. V., 16 Palmer
†Perham, A. O., 536 High
Robinson, A. J.
†Schmidt, Richard, 17 Birch
†Welch, H. W., 52 Walnut
†Welch, Orson H., Welch pl
†Wilder, Fred. E., 56 East

COCHITUATE—†Fullick, W. M.
Marston, Edwin W.

COHASSET—Lincoln, John
Roche, John, Jr.
Treat, Sylvanus F.

CONCORD—Gray, George W.
Porter, J. S.
Powers, Martin

COTUIT—Baxter, C. L.
Jones, Owen

CONWAY—Bond, D. S.
Willis, Charles H.

COTTAGE CITY—Burgess, A. J.
Buzzell, A. A.
Leighton, E. A.

DALTON—Bradford, Henry
Daly, Peter

DANVERS—Berry, Isaac A.
Gardner, G. W.
Hill, Melvin
Littles, F. H. Son
Peabody, G. M.
†Scott, John S., Maple av
†Sullivan, John G., 19 River

DANVERSPORT—Merrill, G. G.
Whittier, Jos. M

DARTMOUTH—Allen, Wm. H.
Gifford, John J.

DEDHAM—†Dix, F. A.
Hinckley, Hiram
Hogan, G. H.
†McLean, M. H., Jersey st
Marden, H. E.
Poch, A. D. G.
†Sherman, R. J.
Stevens, H. H.
Turner, Francis
Withington, Otis W.

DENNIS—Hall, I. B.
Matthews, Edmond

DIGHTON—Atwood, Robt.
Briggs, J. F.
Perry, Antoine
Perry, Edward
Phillips, David
Swift, Alexander

DOVER—Higgins, Eben
Paine, Barnabas

DRACUT—Connell, Thos. H.
Keyes, Winthrop

DUDLEY—Durkee, Erastus B.
May, John D.
Upham, Frank L.

DUXBURY—Soule, Eugene T.
Weston, Harrison G.

EAST CAMBRIDGE—†Kelley, Wm., 76 Thorndil
McGahey & Byrne, 130 Third

EASTHAMPTON—†Cullen, John
†Ferris, Addison J.
Hitchcock, S. M.
Pepin, Jno.
Root, A. R.
†Smith, C. W.

EAST LEXINGTON—Phillips, James H.

EAST LONGMEADOW—Bowers, Chas. W.
Champlin, Winslow S.
Squires, Charles N.

EAST ORLEANS—Hopkins, Charles
Hopkins, Josiah
Rogers, Jos. L.
Sparrow, Samuel E.

EAST PEPPERELL—Brown Bros.
Robertson, A. L.
Woods, George

EAST WEYMOUTH—Blackwell, C. W.
Hale, H. H.
Simmons, Chas.
Turner, Waldo
Vinal, Josiah F.

EASTON—Carpenter, David
Gardner, John

EDGARTON—Chadwick, W. P.
Clark, Watson & Son
Dunham, Pent & Dunham
Hobart & Butler
Ripley, Cornelius
†Vincent, M.

ERVING—Allen, E. A.
Morgan, E. R.

ESSEX—Burnham, O. P. & A. C.
Cogswell, Charles B.
†Perkins, Frank & Edward
Story, George M.

EVERETT—†Allen, P. V. & Co., Hawthorn st
Anderson Bros., 47 Reed av
†Anthony, J. E.
†Armstrong, W. B., 1 Whittmore pl
†Brown, G. B., 187 Chelsen
†Coan, George M.
†Cook, C. M., 5 Forest av
†Corkum, J. A., 78 Ferry
†Dean, F. W., 43 Walnut
†Fenwick, A., 28 Hillside av
†Hall, M. B., 648 Broadway
†Ham, Andrew, 137 Broadway
†Henderson Bros., 1 Oakes
†Lewis, George
†Libby, E. L.
†Martin, George
†Mead, C. H., 350 Broadway
†Moore, John H., 28 Liberty
†Paine, Samuel, 2 Elmwood pl
†Parker, A. M., 24 Brockman
†Peters, G. H.

†Rice, I. L., 18 Oakes
†Russell, John T., 395 Ferry
†Thurston, Ralph, 44 Main
†Whorf, I. A.
†Wilson, W. H., 1 Corey
FAIR HAVEN—Bates, Frank M.
Beetle, Benjamin F.
Day, Walter H.
Mitchell, Amos D.
Orney, Jos. C.
Tripp, Arnold G.
Whitfield, M. P.
FALL RIVER—Allen, Amos H., 57 Oliver
Arbing, Fred G., 27 Franklin
Bachand, J. E., 66 Gagnon
Beaudry, O., 512 Lawton
Bernier, Robt., 232 Jencks
Bolduc, Leander, 833 Middle
Bonin. C., Tuttle c Benjamin
Borden, Walter F., 338 Pine
†Brayton, S. F., 661 3d
Briggs, Jno, 23 Orchard
†Burt, P. S. & Co. (Large), 18 Court sq
Byron, Walter E., 23 Bullock
†Cahoon, Chas. T., 896 New Boston rd
†Callahan, Daley & Co., 125 S Main
Cassista, Alexis, 80 Division
†Caron, Zephiri, 153 Barnes
†Clarke, Horace A., 98 Stafford rd
Cooper, Henry, 799 Charles
Cripps, Geo. M., 280 Spring
Darling, J. M., 78 Bedford
Downey, Jas., 229 Morgan
Ford, Nathaniel, 582 Durfee
Gifford, Otis E., 161 N Main
Grant & Sampson, 177 Pleasant
†Hodgate, Chas. H., 103 Bank
Hunter & Allardice, 147 3d
Leeming, A. H., 353 Bank
Lincoln, N. M. & Son, 40 Granite
Lord, Hy., 68 Rocliffe
Lyons, Jno., 227 Plain
McDougall & Grinnell, 402 S Main
McMurrer, Bernard, 10 Cedar
†McQuillan, Patk. J., 79 Thomas
Marcoux, J. A., 53 Norfolk
Moore, Daniel, 1095 N Main
Olding Bros., 508 Centre
Ouellette, Wilfred, 1530 Pleasant
†Powell, Morgan & Co., 1036 Pleasant
†St. Germain, Joseph, 64 Quarry
Shay, D. H., 156 Linden
†Sisson, B. F., 239 Grove
Smith, W. R., 130 2nd
†Taylor, J. B., 1017 Plymouth av
Townsend, M. A., 230 Second
Walsh, Jno., 58 Thomas
Walton, James, 507 3d st
Wilkinson, Thos., 113 Harrison
Wishart, Gilbert B., 770 Broadway
Woodcock, Chas. F., 40 Granite
FALMOUTH—Hatch, Franklin
Mayhew, J. M.
Smalley, Hy. A.
Stevens, John R.
FITCHBURG—†Carter, W. C., 22 Beacon
†Hancock, J. M., 35 East
Hearlihy, Wm. T., 135 Milk
Howard, Wm. H., Jr., 169 Rollstone
†Hosmer, J. H., 62 Highland
†Kirby, J. H., 14 Middle
†Littlehale, J. D., 31 North
Masse, L. N., 199 Fairmount
Richmond, Homer, 7 Taft
Ross, R. C., 104 Cedar
†Russell, Peter, 40 Clinton
†Starr, F. A., 16 Cross
†Starr, J. S., 97 Cedar
†Varney, Nath., 17 Union
†Wellington, A., 405 Blossom
FLORENCE—Brewer. E. B., 97 N Maple
Brown M., 96 High
Bush. Chas.
†Dickerson, L.
Goodwin, W. C.
†O'Brien, W.
†Packard, H. H.
Warner, A. C.
FOXBORO—Bourne, Thos. B.
Carpenter, J. W. & Son
Egan, Henry L.
Hayes, Jared N.
Scott, David & Son
Small, C. P.
FRANKLIN—Grant, G. H.
Stevens, Ross
GARDNER—†Favor, Milton M. (Large)
†Gale, H. W.
†Leamy, Jno.
Moran, W. H.
†Perry, E. E.
†Soule, Wm.
GEORGETOWN—Chaplin, Caleb
Messenger, J. E.
Noyes, Chauncy O.
Pingree, John W.
GLOUCESTER—Atkinson, N., 31 Rogers
Bridges, Joshua, r 20 Com'l
Burnham, Simeon A., 15 Pine
Crispin, Andrew H., 396 Western av
Garland, Orlando, 11 Pearce
Hart, Joseph P., 936 Washington
Hartz, John E., 7 Spring
Hinckley, J. J., 86 Maplewood av
Hodgkins, Wm., 61 Rogers
Honnon, John P., rear 18 Pearl
McDonald, Daniel, Sargent
Maddix Bros., 9 Millett
Miller, Frank, 3 Locust
Norwood, H. A., 44 Com'l
Parker, D. B., 451 Main
Sargent, Horace, 69 E Main
Severance, F. G., 5 Montgomery pl
†Watson Bros.
GRAFTON—Beauregard & Davidson
Dunbar, Howard
Fletcher, W.
†McFarland, J.
Plante, E.
GRANITEVILLE—Dane, Louis C.
Hall, Charles
Wyman, Walter
GREAT BARRINGTON—Evans Bros.
Gorham, William T.
Higgins, Robert
GREENFIELD—
†Frizzel & Keefe (Large)
†Holden, D. D.
†Lyons, Fred. L.
GREENWOOD—†Jones, Julius H.
†Mackay, Jno. D.
Pendleton, F. M.
Robertson, Jno. C.
Smith, E. B.
Stewart, Jno. C.
Stewart, Jno. I.
White, Jas. P.
GROTON—Clark, L. H.
Whiting, Lemuel & Son
GROVELAND—Donnell & Small, School st
George, E. H., Main c School
Hardy, Chas. N., Broad c Seven Star rd
Knox, Hiram G., Elm Park, n Gardner
†Wales, A. L., King opp. Town Hill
HAMPDEN—Crocker, Frank
Leach, William
HANOVER—Barstow, Thomas
Dwelley, Robert
HARWICH—Baker, Cyrus
Eldredge, J. B.
Freeman, Gideon H.
Freeman, Sandford
Nickerson, Flavius
HAVERHILL—Ayers, C. S., 57 Fleet
†Bailey, Horace, 547 Main
†Borneul, Augustin, 31 Arch
Brown, Jno. T., 447 Bradford av
†Cate, Fred. H., 2 Clinton
Catudal, Saml., 19 Wingate
†Cole, N. S., 14 Lafayette
Comeau, L. J., 27 How
†Cook, J. D., 27 Lawrence
†Cook, Thomas R., 29 Water
Coppen, Jno., 65 Munroe
Cunningham, J. O., 29 Seventh av
Currier, A. N., 504 Groveland
Dollof, E. Frank, Mfrs. row
†Frost, C. F., Stevens, N.
†Griffin, Sidney A., 22 Webster
†Hale, Lewis D., 22 Fountain
† Ham, W. W., Claremont av
Johnson & Parker, 224 Wash'n
†Killam, Lewis K., 58 Fleet
Lindsey, Geo. P., 105 Winter
Littlefield, A. H., 214 Groveland
Lockwood, Jas., 17 New Hampshire av
Longley & Clement, 7 Fleet
Mighill, Thos., 18 Fountain
Peabody, Frank H., 11 Pine
†Potter, Warren W., 30 Pleasant
†Pressy, M. D., 139 Main
†Rand Bros., 378 Main
†Roche, Jno. M., 18 West
† Rogers, Jacob E., 55 Main
†Shapley, Charles, 12 Grand
Small, Freeman K., 197 Main
†Taylor, J. H., 21 Moore
†Thompson, W. J. & Son, 25 Davis
Walker, G. W., 18 River
†Ward, L. W., 106 Merrimack
Washburn, Isaac, 4 Highland
Weeks, Augustus, 4 West
†Williams, E. C., 219½ Temple
HINGHAM—Bayley, Geo.
Buttimer & Tinsley
Cushing, E. H.
Hobart, Henry
Nelson, Wm. J.
Ripley, Francis M.
Studley, E. D.
HINSDALE—Ascha, Charles G.
Brague, Lewis P.
Walker, William
Watkins, Marcus
HOLBROOK—Brewer, Edward
Derling, Alfred
Fairweather, Samuel
Marshall, J. H.
HOLLAND—Bagley, A. J.
Williams, Anson
HOLLISTON—Austin, William H.
Eames, Edwin
Kibby, L. M.
Simpson, Charles
HOLYOKE—†Barlow, W. Howard, 154 Pleasant
†Beaulieu, L. T., 526 Summer
Brockett, E. I., 21 Beacon av
†Cain, N. L. (Large), 4 Division, n High
†Cleary, Michael, c Northampton & Columbus av
†Cummings, M. E., 362 Maple
†Curley, F. J., r 371 Main
†Dibble, Frank H., 94 Nonotuck
†Doane & Williams, 114 Front
Ducharme, Stanislaus, 11 Spring
Fowles, Jos. H., 228 Northampton
Frechette, Leo, 527 S Bridge
Hart, Edw., 20 Wash'n av
Houle, Cyprien, 524 S East st
†Jones, A. A. & Co. (Large), 283 Hampden
†Jones, J. W., 285 Hampden
†La France & La Riviere (Large), 400 High
†La Liberte Bros., 309 Locust
La Liberty, Arthur, 339 Locust
†Lapointe, J. E., 70 Cabot
†Le Clair, Azard, 45 Cabot
McCormick, A. D., 27 Congress av
†O'Neill, F. F., 183 Walnut
Parfitt, W. H. & J. R., 462 High
†Pearson, Chas. A., 45 Suffolk
Perault, Arthur, 816 Chicopee, Will
†Prew, John J., 887 Main
†Ranger, Casper (Large), 10 Bond
Richards, J. T., 130 Oak
†Rivers & Young, 72 Skeel, Williamsett
†St. John, John 292 Chestnut
†Stetson, Cyrus J. & W. E., 299 Hampden
†Thorpe Bros. (Large), 43 Pearl
†Toomey & Shea, 107 Elm
†Trowbridge, Luther P., 40 Laurel Elmwood
HOPKINTON—Archibald, Charles
†Rice, J. A.
Taylor, Luther & Son
HOUSATONIC—Shaw, Nelson
Winchell, J. L.
HUBBARDSTON—Coffin, E. M.
Coffin, J. H.
Grimes, Charles
HUDSON—Barrett, John H.
Fletcher, Geo. T.
Powers. Amos P.
Russell, Nathan
Shepard, C. R.
Whitaker, Jacon
HUNTINGTON—Fisk, M. R.
†Keiler, Alfred
Stanton, H. E.
HYANNIS—Barnard, J. W.
Bradford, Noah & Son
Payne, L. K. & Son
Williams, Robert & Sons
HYDE PARK—Haley, C.
Higgins & Elliott
Hilton, W. W.
Jigger, J. W.
Paine, John A.
Rafter, Benj.
Richardson & Rafter
Story, A. W.
Williams, Rinaldo
INDIAN ORCHARD—See Springfield
IPSWICH—Choate, Edward
Russell, Foster
Smith, G. P.
Stone, Robert
KINGSTON—Delano, David
Hammond, W. C.
Holmes, George B.
Phillips & McLaughlin
Stentevant, Henry
LANESBORO—Keeler, King
Somers, A. B.
LAWRENCE—Barrie & Unwin, 75 Saunders
†Brown, Horace, 8 Marston
Beuvais, Adrian, 121 West
Bourque, Ernest & Co., 8 Hawley

Carlton, Frank E., 523 Andover
†Couch, H. J. & Son, 620 Essex
Coupe & Lord, 60 Salem
Cullinane, J. J., 77 Exeter
†Curnew, J. S., 41 Greenwood
†Dick, Ernest A., 209 Ferry
Dillon, John, 100 B'way
Dixon Bros., 123 Willow
Dugremier, Alfred & Co., 184 Spruce
Eldridge, C. W., 97 Bailey
Engstrand, A. F., 273 Prospect
Flanagan, Jas., 186 E Haverhill
Freytag, Oswald, 16 Brook
†Griffin, John C., 15 Durham
Gillen & Neld, 232 Lawrence
†Harris & Snow, 168 Common
Holden, L. N. & Co., 354 S Union
Hudgius, Herman B., 38 Kendall
†Keilhan, C. H. E., 33 Park
Kidd, F. T., 108 Cross
Kirkland, Jno., 19 Margin
Knopp, Jerome G., 9 Knox
†Knowles George A., Essex yard
Labonte, C. H., 25 Chester
Lang, A. S., 8 Green
Lyford, W. S., 39 Cedar
Lyons, David D. & Son, 171 Bailey
Milligan, Richard P., 455 Hampshire
†Molyneux, Chas., 55 Methune
†Nesbitt, T. W., 250 Jackson
Newton, Henry M., 4 Jackson
†Nutting, William P., 73 Abbott
†Otis, George A. A., 496 Common
O'Brien, Thos. A., 6 Winter
†Otis, George A. A., 383 Haverhill
Rancourt & Laplante, 257 Lowell
Ryder, Henry, 2 Jackson
†Searle, E. & Co., 87 May
†Smith, George A., 53 Tenney
Smith, Walter, 65 Centre
Steinert, Otto & Co., 464 High
Tuttle, Geo. A., 406 B'way
Walker, Samuel & Co., 419 Andover
Waterworth, Wm., 29 Centre
Watson, Edwin, 139 West
†Whitton, Albion H., 9 Home
†Winkley, Alonzo, 127 South
Zschegner, Henry, 53 Chestnut

LEE—Broderick, James
Gibbons, George W.
Harding, Z.

LEICESTER—Cleveland, J. W.
Snell, T. O.
Taylor, Martin
Wood, William

LENOX—†Clifford, James
Jameson, William
Morse, Thomas
O'Brien, Michael E.
Parsons, Elmer E.
Peters & Stevens
Root, John H.

LEOMINSTER—Burbank & Harris
Ellis, J. L.
Green, Charles H.
Green, C. P.
Lyon, Albert E.
Nettleton, F. S.
Powers, Elmer
Stark, Nathan B.
Stuart, Edwin R.
Webber, Paul

LEXINGTON—Deveau, Charles
McKennon, John
Tuttle, David A.
Washburn, Abram C.

LINCOLN—Cousins, N. F.
Washburn, Albert

LITTLETON COMMON—Fletcher, Elmer W.
Needham, B. & Son

LOWELL—Adams, F. H.,37 Middle
Akerley, Jos. M., 70 Boylston
†Baker, E. G. (Mills, Factories, etc.), 3 Fletcher
Barclay, Oscar R.,162 Smith
†Bean, Fred E., 14 Windsor
†Beharrell, Frank C., 159 Merrimac
†Beharrell, Joseph R., 34 Berkley av, Oaklands
†Bennett, Jas. W. Co. (Large), 564 Middlesex
Bennett, Jno. C., 269 Dutton
†Bubeault, Alphonse, 513 Wilder
Burtt, C. H., 40 Central and 142 3d
Carroll, F. P., 75 E Merrimack
†Conant, Charles P., 600 Broadway
†Connell, Thomas H., 107 Merrimack
Daigle, Ernest, 144 Hall
Dickey, Leroy W. 738 Stevens
†Douglass, E. W., 23 Davenport
Dow, James, 149 B
†Dunfey, John M., 109 Mammouth rd
†Fletcher, Silas W., 120 Agawarn
Foss, C. F. & Co., 40 Middlesex
Fowler, Jas. P., 256 Mammoth rd
Gadbois & Blanchette, 772 Merrimack
Gilman, C. A., 5½ A
Graves, W. H., 458 Bridge
†Gray, Eddy L., 26 A
Gray, Willis, 423 Stevens
Greenlaw, Jno. W., 29 Middle
Hickey, James, 137 Pleasant
†Howe, W. G., 24 Myrtle
Hubbard, Jno. D., 45 Green
Jalbert, Jos., 100 4th av
Jockow, George W., 81½ Middlesex
Johnson, C. W., 160 Grand
Leach, Lucien K., 16 Whitney av
Leighton, Jas. A., 35 Middle
Leith, John, 53 Green
†Lewis, Frank E., 77 S Loring
†Libby, D. D., 1½ Osgood
Lorrain Wilfred, 35 Puffer
Meers, James & Co., 40 Livingston
Moody, Leonard T., 9 Ralph
Morton, Chas. A., 210 Mt Vernon
†Murphy, Michael T. & Co., 28 Bowde
Necdham, Chas. W., 615 Chelmsford
Nelson, Clarence H., 85 Mansur
O'Hearn, Michael, 386 Suffolk
O'Hearn, Patrick, 282 Riverside
Proctor, Seward N., 375 Central
Robert, Vital, 52 Central, Room 4
†Sanborn & Hamel, 44 Fred
Spaulding, Chas. C., 371 Pine st
Stedman, Jno. G., 212 Wilder
Taylor, F. A., 140 Humphrey
True, W. T., 45 Moore
†Twohey, E. G., 14 Madison
Varnum, C. F. & J. B., 75 Smith
Walker, J. H., cor Wothen and Fletcher
Walsh, J. P. & Co., 164 Colburn
Ward, Wm. H., 84 Middlesex
Wentworth, Austin M., 44 19th st
†Whittel & McDonald, 13 Pleasant
Wiggins, William H., 59 Franklin
Witham, C. P., 91 Crosby
†Woodward, Geo. T., 14 Hawthorn
Worden, Chas. E., 574 Market

LUDLOW—†Beanly & Dauphimias
Mero, Edw.

LUNENBURG—†Francis, Alpheus K.

LYNN—†Andrews, M. W., 16 Eastlake av
†Barker, Arthur W., 13 Arlington
†Blanchard, C. C., 819 Washington
†Breed, Joseph & Sons (Large), 761 Wash'n
Brown, Norman J., 137 Oxford
Bruce, Emery B., 34 Smith
Burk, Chas., 475 Chestnut
†Campbell, Thomas (Large), 99 Sagamore
†Croscup, James A., 10 Central sq
Daley, Thomas F., 64 Pleasant st ct
†Dearborn Bros. & Co., 459 Union
Dearborn Clinton F., 16 Andrew
Doyle, James H., 162 Chatham
Earle, Anthony, 110 Henry av
†Elder, John E., 64 Light
Elliott, J. D. & Co., 9 Birch
Elwell, A. H., 9 Oak
Emmons, E. G., 53 New Ocean, Swampscott
†Fadden, Jos. G., 52 Silsbee
Foster, Geo. W., 15 Centre
†Gafney, Thos. F., 117 Central av
Green, Thomas, 249 Chatham
†Hart, Fredk. S. & Co., 36 Pacific
†Hatch & Fernald (Large), 44 Marshall's whf
Healy, Jas. A., 35 Orchard
Hicks, Geo. B., 69 Collins
Holden, John C., 9 Fisk
†Holdsworth, Lemuel C., 9 Essex av
Hussey, S. B. (Large), 66 Vine
Kelly Charles F., 63 Jenness
†Langille, Dan (Large), 40 High Rock av
†Logie, William, 402 Western av
Loomer, Amos, 817 Washington
†Lynch, Charles N., 9 Mildred
†McDonald, John J. & Co., 662 Bostor
McIntyre, Medbury, 1 Ezra
†Mace, Andrew J., 41 Kirtland
†Morrison & Goodwin, Cedar c Boston
Neall, Edw. E., 50 Green
Nelson & Roope, 58 Bacheller
Pendleton, Nathaniel S., 101 Chestnut
Pervier, W. J., 298 Euclid av
Raymond, Saml. T., 43 Flint
†Reynolds, Edward T. (Large), 604 Wash'n
†Riordan, Danl., 76 Archer
Robertson, Walter B., 728 Wash'n
Russell, Lucius O., 31 State
†Seavey, James F., 12 Alice
Shillington, Wm. H., 32 Linwood
†Simmons, B. F., 53 Essex
Smith, Wm. W., 182 Oxford
†Southworth, Alden, 38 Suffolk
Spurr, B. L., 145 Commercial
†Sutherland, Geo. R., 6 Brook
Titus & Poor, 15 Essex av
Todd, Charles A., 72 Chatham
Wade, Seth L., 108 Federal
Waters, Wm. J., 18 Roy, Swampscott
†Weeks, Joseph W., 20 Thompson ct
†Wells, John H., 162 Commercial

LYNNFIELD—Clare, Geo. A.
Harris, Walter C.

MAGNOLIA—May, Jonathan

MALDEN—Bishop & Brown, Middlesex ct
Brewster, Jno. C., 3 Poplar
Chrisholm, J. T., 21 Oxford
Clark, Jonathan, 35 Wyoming av
Coburn, H. S., 158 Washington
Cornwell, N. B., 23 Pine
Donohue, B., 349 Medford E
†Grant, Alexander, 263 Clifton
†Gray, Edwin S., 41 Cliff
Higgins, O. C., 24 Church
Hodgkins, M. A., 327 Main
Hunnewell, F. E., 10 Warren av
Hunnewell, N. M.,39 Dartmouth
†Jordan, L. B., Biltmore
†Libby, L. L., 23 Commercial
†McDonald, Robert, 57 Pine
McKay, Alex. J., 8 Coburn
McKay, J. M., 27 Coburn
McKay, Rich. F., 16 Franklin
†Newhall, S. O., 242 Madison
North, C. A., 398 Cross, F
Norton, J. W., 20 Watts, E
Payne, R. H., 1 Payne terrace
Presley, Daniel, Ellis av
Philbrook, F. P., 359 Ferry
†Rawley, E. T., 104 Maplewood
†Rawley, R. M., 24 Lebanon, M
†Rich, Jesse S., 348 Ferry
†Rich, Joseph S., 52 Howard
Sargent, Geo. W., 763 Salem, M
Smith, Leroy S., 37 Essex
Stevens, W. H., 29 Holmes
Tarbox, I. F., 68 Cedar
Thomas, Edgar H., 24 Park av
†Vidito, Watson, 116 Medford

MANCHESTER—Dennis, Alpheus
Haraden, Albert
Philips & Killam
†Roberts & Hoare

MANSFIELD—Angell, Wm. H.
†Booth, Charles A. & Son
Cook, L. W. & Son
Hodges, L. M. & Son
Houghton, A. E.

MARBLEHEAD—†Bowden, T. J. & Son, Pleasant
Broughton, J. Glover
Doane, Joshua S.
Hains, Robert
Ireson, John H.
Johnson, J. O.
Lindsey, Joseph W.
Lindsey, Philip B.
Martin, Benjamin F., 2d
Newton, Samuel F. G., Jr.
Parker, Harry J.
†Peach, John F. & Co.
Ramsdell Arthur S.
Stacey, Thomas F.
Thompkins, T. B.

MARION—Briggs, Geo. S.
Briggs, Wm. Howard
Chadwick, C. H.
Clark, James H., Jr.
Luce, E. C.
†Peckham, Louis

MARLBORO—†Andrews, Henry K. W. & Son, 46 Florence
Bailey, C. H., Water st
†Clisbee, Julius A., 1 Highland
†Hallett, E. S., 302 Main
†Hurley, Thomas, People's Bank bldg
†Powers, E. L. & Co., 9 Liberty
†Vigeant, J. T., 45 Broad
†Warren, J. E. & Co., 25 Florence
†White, Henry O., 20 Gay

MARSHFIELD—Baker, H. E.
Sprague, Fred. W.
White, Luther

MATTAPOISETT—Dexter, John S.
Hammond, John S.
Purrington, E. B.

MAYNARD—Croft, Wm.
Shattuck, S. B.

MEDFIELD—Harding, N F.
Maker, Frank E.

MEDFORD—†Bennett, Robt., 11 Bennett
Brooks & Co.
Brownell, Milton C.
†Coughlin, M. J., 45 Everett

†Crockwell Bros., 35 West
†Gibson, Richard, 39 Lawrence
Hall, Jno. B., 117 Jerome, W. M.
†Harn & Hopkins, 534 High, W. M.
Holman, Isaac N., 98 Lincoln, W. M.
†Hopkins, Harvey A., 187 Middlesex
Hopkins, Jonathan, 32 Orchard
Johnson, Chas. E., 27 Henry
Johnstone, Wallace S., 14 Williams
Lovering, Lewis H., 15 Bowers, W. M.
Mitchell, Thomas O. H., 170 Riverside
Morton, Walter, 31 Daisy
†Norton, Jno. F. (Large)
Olson, Otto, 31 Winchester
Poland, Chas. H., 34 Wash'n
†Smith, E. B., 7 Edmunds
Stewart, J. A. & Son, 27 Marshall
†Yerxa & Yerxa, 4 Main

MELROSE—Allen, Wm. S., 11 Baxter
Ames, Benjamin, 7 Gooch
†Carter Bros., 458 Main
Morton, F. E., Reading Hill
Nutter, Hy. L., 43 Baxter
†Everson, C. H., cor Main & W Linden
Garrett, Josiah J., 214 E Foster
Gibbons, Robt., Jr., 121 Trenton
Goodno, W. A., 35 Winthrop
Holden, Lewis A., Sargent st
MacLean, John, 53 Elm
McDonald, John, Angus, 56 Howard
McDonald, John, 12 Orient pl
Morss, Wm., 21 Orient av
Morton, F. E., Reading Hill
Nutter, Hy. L., 43 Baxter
Prior, Daniel J., 60 Perkins
†Ripley, C. A. & Co., 390 Main
†Woodland, George W. & Co., cor Main & Franklin
Woodward, David R., 31 Upham
Main & W Linden

MELROSE HIGHLANDS—Darling, Geo. H., cor
Grant, F. W., Chipman av
Howie, Danl H., 15 Franklin
†Macdonald, Angus, 56 Howard
Russell, Edmund W., 1 Fairview
†Sargeant, E. N., 37 Franklin
Smith, Fred. W., 77 Woodland
Stewart, W. H., 36 Albion

MENDON—Allen, Chas. H.
Beal, Rufus G.
Davenport, John L.

MERRIMAC—†Gibbs, M. S.
†Heath, Jno. B.
†Libby, J. C.

MERRIMACPORT—Chase, F. H. G.
Whittier, James

METHUEN—Copp, George W.
Frederick, J. C.
Freeman, J. H.
Gilchrist, Aaron
Smith, George A.
Towne, Jesse A.
Whitten, Albion H.

MIDDLEBORO--Bryant, Leavitt W.
Finney, Frank
Mendall, Sylvanus
Pierce, Frank
Porter, Henry G.
Southworth, Warren H.
Sparrow, Fred. C.
Starbuck, George W.

MIDDLETON—Dernier, Edward
Richardson, Elijah

MILFORD—Britton, W. H., 78 S Bow
†Dillon Bros., 86 High
Murdough, A. B., 26 Front
Weed Bros. & Lent, 23 Front
Whitney, Otis & Co., 55 Spruce

MILLBURY—Bancroft, Henry L.
Batchelder, Arthur H.
Chase, G. F.
Searles, Chas. E.
York, Joseph

MILLVILLE—Haggerty & Beasley
Reid, H. B., Mattapan

MITTINEAGUE—Toomey, David A., Westfield, bel Calden av

MONSON—Danforth, A. H.
Graves, J. N.
Harvey, George A.
Orcutt, John

MONTAGUE—Moore, Alpheus
Moore, Gilman
Whitney, Edward
Wotton, H. W.

NAHANT—Perkins Bros
Wilson, Joseph T.

NANTASKET—Beale, Herbert O.
Wade, D. O.

NANTUCKET—Bennett, Edward C.
Field, William
Fisher, Joseph W.
Folger, Eben R.
Gardner, Frank W.
Robinson, Charles H.
Smith, E. B.
Taylor, Benjamin F.
Tracy & Pitman
Worth, Charles W.
Wyer, William H., 2d

NASHOBA—Collins, P. G.
Sweetser, Lorenzo

NATICK—†Barker, William F.
Brierly, George
Caswell, Frank J.
Felton, D. C.
†Foskett, C. J.
†Sweetland, Charles
Wilson, E. T.

NEEDHAM—Flewelling, H. A.
Locke, Henry S.
†Lyman, A. J.
Parker, A.
Sutton, F. D.

NEW BEDFORD—Ballou, J. L., 35 Crape
Bosworth, William, 122 Campbell
†Bliss, Geo. H.
Bosworth, William, 168 N Second
†Brightman, Chas. O., 72 N Water
Bullman, Henry T., 105 Bonney
Chase, C. F., 24 Howard av
†Davis, Z. B., Pope st
Demoranville, J. B., 101 Shawmut
Faunce, L. H., 63 Parker
†Gay, G. W., 232 N Water
†Gay, T. Franklin, 112 Hillman
†Hammond, F. W., 177 N Water
†Hammond, Henry F., 177 N Water
†Hathaway, D. & Son, 23 Centre
Hazard, Fredk., 340 Cedar
†Keen, Leonard, Jr., 94 Middle
Kimball, Albert, 319 Cedar
†Kirby, William A., 113 Middle
†Landers & Vance
Look, John W., 177 N Water
†McLeod, John M.
†Meany, John J.
†Morris, J. N., 73 Grinnell
†Peirce, Chas. E.
Pope, Abner P., 19 Bethel
†Sherman, R. A. & Son (Large), 7 Leonard
Sistare, F. B., 113 Willis
Smith, H. McB., 599 Union
Sorelle, Jos., 1009 Acushnet av
Sturtevant, Geo. A., 199 N Water
Sturtevant & Sherman, 194 N Water
†Sullivan, John B.
†Sullivan, M. H., 168 N Second
†Sylvia, M. L., 65 Achusnet av
†Tripp, Henry W., Clinton
Ulric, Vincent, 81 Bullard
Walker, William, 665 County
†Warren, J. C.
Williams, John, 527 S Water
Wood, Matthew P., 106 N Water

NEWBURYPORT—Adams, Richard G.
Adams, Rufus
Bailey, John E.
Brooks, Arthur J.
Currie, C. E. & Son
Hatch, L. M. & Sons
Lampry, Eli
Langley, John
Morse, William & Co

NEW SALEM—Eaton, P. J.
Moulton, Charles J.

NEWTON—†Currier, Jas. F.
Grant, Jno. J., 184 Adams
Hanson, Chas. S., 66 Charlesback rd
Henderson, W. J., 237 Wash'n
Johnson, Wm. F., c Pearl & Waban
King, Fred'k W., Bigelow terrace
MacLeod, S. K., 15 Centre pl
Porter, W. E., 244 Church
†Rockford, Jno. C., Hunnewell terrace
†Ross, H. F. Co., 244 Church
Stuart, T. & Son Co.
†Wellington, H. F., 244 Church

NEWTON CENTRE—Beal, J. T., Ripley terrace
Cousens, Jos. E., 161 Summer
†English A. J. & Co., Union opp Depot
†Garey, Chas. B., Gibbs n Summer
†Ireland, Chas. H. & A. F., Ward n Summer
Keith, Geo. A. & Co.
MacLellan, Jas. A., Beacon c Langley rd
Porter Bros., Paul n Cypress
Steeves, Sidney G., Union n Langley rd
Stevens, F. W., Glen av

NEWTON HIGHLANDS—†Beal, H. M.
†Boisclair, Louis D.
†Jones, A.
†McMullen, W. B.
Ross, Lyman A.
†Sanderson & Ruggles
Sullivan, E. M.

NEWTON LOWER FALLS—†Baker, P. C.
Saunders, Wm. B.

NEWTON UPPER FALLS—Hurley, Dan'l, High n Winter
Piper, S. A., c Chestnut & Boylston

NEWTONVILLE—Billings, J. D., 200 Walnut
Healey, Edw. J., 47 Clinton
†Higgins & Nickerson, Bailey pl
Lyons, Fred'k D., Court n Wash'n
O'Sullivan, D. P., Cabot n Harvard
†Ross, H. F. Co., Crafts n Wash'n

NORTH ADAMS—†Barden, Chas. F.
†Bresnehan & Phillips, 3 Chestnut av
†Butler, Chas. E.
†Cary & Ware
†Cole, Jno. M.
†Cummings, Jno.
†Elmore, D. W.
†Harrington, R. N.
†Hicks, O.
Kemp, B. S.
†Osgood, Thos.
†Pike, C. N.
†Porter & Hannum (Large)
Sheldon, I. F.
†Sheehan & Dobson
†Wood, H. C.

NORTH AMHERST—Haskins, H. H.
Haskins & Bosworth

NORTHAMPTON—†Adams, C., 29 Gothic
†Bishop, Alex. & Son, 12 Perkins av
†Crouch, C. S., 66 Pleasant
Currier, F. P., 194 Main
†Harlow, C. N. & Co., 116 Pleasant
†Herbert, Joseph (Large), 33 Hawley
Hibbard, J. P., 16 Lincoln av
Huxley, John, 13 Arlington
Livermore & Bailey, 25 Gothic
†Mather & Whitney, 45 Pleasant
†Matthews, A. C. (Large), 24 Centre
†Mathews, Henry (Large), 29 Highland av
O'Neil, T. J., 32 Washington pl
Toohey, J. P., 17 Park
†Twohig & Sullivan, 152 State
†White, C. W., 222 Bridge

NORTH ANDOVER—†Costello, D. J.
Holt, Peter
Rea, J. H.

NORTH ANDOVER DEPOT—Brierley, Jas.
Costello, D. J.
Currier, A. A.
Daw, P. P.

NORTH ATTLEBORO—†Bennett, Henry H., 195 Washington
†Magnan, N. J., Dexter pl

NORTH DIGHTON—Perry, Job
Waldron, Daniel
Waldron, Willard

NORTH EASTON—Baldwin, Joseph
De Witt, Geo. H.
Hanson, Oliver
†Johnson, Jno.
Mack, Alexander
Randall, S. A.

NORTHFIELD—Holton, S. C.
Moore, W. M. & Co.

NORTH MARSHFIELD—Oakman, J. H.
Sherman, Leander

NORTH READING—Campbell, Warren A.
Fowle, Timothy
†Holt, Solon O.

NORTH SCITUATE—Bailey, T. F.
Lee, Geo. C.
Merritt, Billings H.

NORTH WILBRAHAM—Baker, J. T.
Holt, Solon O.

NORTON—Harvey, John
Sweet, Joseph F.

NORWELL—Merritt, C. C.
Turner, D. W.
Turner, Samuel

NORWOOD—Bagley, Geo. F.
Howard, Milton M.
Walker & Goodwin

OAKHAM—Brook, Charles
Leydon, Dennis
Packard, James

ONSET—Nye, H. F.
Smith, Herbert

ORANGE—Cobb, Geo. L.
Hamilton, C. L.
Howe, J. D.
McKenna, James
McKenna, Martin
Rawson & Johnson
Shumway, R. T.
Slate, A. F.
Stratton, H. L.
Tyler, Chester

Wilbur, J. Y.
Witherell, E. E.
ORLEANS—Hurd, Amos O.
Knowles, Ezra
OSTERVILLE—Bearse, Wm. H.
Bolt, F. M.
Hall, Azor
Robbins, Abbott L.
OXFORD—Child, Geo. W.
Dodge, Wm. A.
Yeaton, Willis S.
PALMER—†Marcy, F. F. & Co
PAXTON—Brown, Wm.
Dwyer, A. H.
PEABODY—†Beckett, Clarence L.
†Blake, Augustus S.
Callahan, John S.
†Clark, Mayhew S.
†Drown, I. A. & Co.
Giddings, Edward
†Lummus, Abram
Martin, Patrick J.
†Pierce, Calvin
Saunders, John K.
†Spaulding, W. & L. E.
PEMBROKE—Foster, Geo. M.
Sampson, Miles
PETERSHAM—Johnson, Andrew P.
Waugh, Geo C.
PIGEON COVE—Babson, Isaac N.
Hale, Charles T.
Story, James
PITTSFIELD—†Atwood, Luther L., 12 Bank row
†Bedell, D. C., Liberty c Depot
†Brown, Rollin N., 54 Lennox av
†Coleman, Wm. H., 210 Tyler
†Dodge & Devanney (Large)
†Drew, G. W., 56 Newell
†Faulkner, G. W., 246 Pomeroy av
Goodrich, C. J., Stearnsville rd
†Hall & Son, Melville bldg
†Horton, Chas. E., East End av
†Houle, Geo. L., 10 Center
†Hume, Edgar B., 15 McKay
†Jordan, Freeman, West opp Onota Farm
Kennedy, J. H., Bridgman
†Lambert, Nicholas T., 259 Lenox av
Leavy, John, 18 Pleasure av
†Lester & Sitzer, 656 North
†Merriam, Mercure & Co., 7 Cherry
†Merrill, C. E., 262 North
†Michael, M. E., Commonwealth av
†Miller, S. I. & Bro., 28 W Housatonic
†Moore, Eldad E., 335 South
†Osteyee Bros, 11 Cherry
†Powers, Jno. J., 271 Columbia av
†Proper, Hiram, 87 Wellington av
†Riley, Thos. P., 182 Union
†Rosenbary, Ernest A., 41 Tyler
†Russell, Geo. H., 187 Bradford
†Strong, Jno. K., 133 Elm
†Wright & Balzer, 96 Columbus av
PLYMOUTH—†Barnes, Joseph
†Barnes, Joseph
Burgess, Isaac S.
†Churchill, John W.
Diman, Thomas S.
Kierstead, Andrew & Son
†King, S. C.
PRINCETON—Doolittle, P. C.
Hartshorn, Charles
Nierick, J. C. F.
Padgham, Ed. A.
PROVINCETOWN—Brown, John C.
Hedge, Wm. H.
Hill, Geo. C.
Lyford, Byley
Nickerson, Solomon D.
Ryder, James
Small, Alfred
Snow, Josiah
Snow, Reuben S.
QUINCY—Baxter, Daniel S., 171 Wash'n
Baxter, James S., 6 Pleasant, S Q
Crane, George, 159 Wash'n
Frouland, Martin W., Apthorp, N D
Grant, F. W., 4 Hillside, W Q
Johnson, Julius, 64 Centre, S Q
Langley, G. O., 61 Wash'n
Litchfield, Amos L., 16 Quincy, S Q
Litchfield, Amos M., 9 Marsh
Litchfield, Ira, 20 Pearl, S Q
†Lofgren, Wm. B., 20 Chestnut
McDonald, Arthur, 48 West, W Q
†McKenzie, Chas. W., 26 Intervale, S Q
Parker, Warren S., 7th, Hancock ct
†Perkins, Fred A., 6 Cherry av
Poland, Jno. E., 6 Freeman, N D
†Pratt, J. W., 4 Bennington, S Q
Randall, Walter S., 11 Bigelow
Saunders, O. B., Vassal, N D
Smith, Henry W., 146 Water, S Q
Shackley, Jonas J., 33 Bates av, W Q
Walters, Lewis, 3 Hall pl, W Q
RANDOLPH—Alden, Morrison M.
Campagna, Eugene W.
Libby, Horace B.
Perry, E. A.
Stanly, Frank A.
RAYNHAM—Wilbur, Fred. C.
Wilbur, Wm. F.
READING—Bancroft, Albert I.
Black & Stewart
Broad, N. W.
Dimock, Wm. R.
Ellenwood, Jno. S.
Ellinger, Dan'l N.
Folsom Bros.
Gill, George E.
†Gorton & Currier
†Johnson, H. R.
†McIntire, Wm. L.
Nickerson, Chas. F.
Surette, A. M.
Temple, A. W.
Temple, David C.
†Wight, A. O.
READVILLE—Bunker, C. E.
Marks, Richard
REVERE—Dodge, H. D.
Graham, W. E.
Hartford, L. M.
Ray, Milton
Shay, A. H.
Swift, Wm. H.
Walbourne, Joseph C.
†Weaver, Isaac
RICHMOND—Barnes, Frank, Jr.
Salamon, Timothy B.
Styles, Jerome B.
ROCHDALE—Nicholls, J. B.
ROCHESTER—Sherman, Thos. A.
ROCKLAND—Hibbard, W. H.
Kierstead, Jesse
Lewis, George
Moulton, Henry S.
Veledge, Benjamin
ROCKPORT—Choate, A. B.
Choate, J. N.
Clark, Albert
Drown, Joseph
Fears, Isaac P.
Hooper, John & Son
Knowlton, Daniel
Pearson, Nehemiah
Savage, Jesse F.
†Smith, W. T.
Wallace, James S.
†Wetherell, J. N.
ROSLINDALE—†Blanchard, W. H.
†Brown Bros., 27 Conway
†Burke, Jas. J., Hyde Park av
†Fossett, H. M.
†Ourish, J. S. & Co.
†Rogers, Alex., 325 Poplar
ROWE—Stanford, Geo. E.
Todd, Walter E.
ROWLEY—Bailey, Frederick
Rundlett, Oliver A.
ROXBURY—†Arnold, Jos., 62 Hillside
Brown, T. S., 40 State
†Chute & Bagloe
†Eaton, J. F., 3 Atlantic
Enright, N. A., 76 Hillside
†Fuchs & Wangler, 5 Conant st pl
Hewett, F. H.
†McKay Bros.
†Morrison & Rackley
†Robinson, S. O., 54 Mt. Everett av
†Svedman, C., 205 Blue Hill av
†Sweeney, J. E., 104 Westminster
†Vickrey, J. A. & Son, 35 Hawley
RUTLAND—Henderson, Joshua
Spaulding, L. R.
SALEM—Abbott, Geo. F.
Ashby, Thos.
Balcomb, C. B.
†Bates & Touret
Bell, John H.
Blake, Augustus S.
Blouin, Francois X.
Bradstreet, N. P.
Brown, Joseph
Coffey, James
Easson, W. H.
Fanning, James
Farrin, J. F. (Estate of)
Gardner, W. D.
Gorman, Thomas
†Hamilton & Halcomb
Hamond, W. G.
Handy, K. Ward
Handy, Thos. W.
Harris, Oscar M.
Hutchins, Augustus
Hutchinson, George C.
Kimball, A. H.
Lord, Daniel B.
Lord & Neal
†Mack, J. J. & T. F.
Monaghan, D. A.
Morse, Eben H.
Moulton, J. C.
Norton, Robert G.
O'Hare, Thomas, 157 Derby
†Parsons, Jos. M.
†Pittman & Brown (Large), 255 Derby
Pollock, John, 215 Washington
Ryno, Wm., 15 Green
Smith, Arthur F., 11 Hazel
Smith, Wm. M., 6 Harbor
Steele, Charles W., rear 67 North
Stone, Isaac, 73 Flint
Upton, George L., 5 Walnut
Wardwell, John S., rear 61 Summer
Wason, Lyman P., 53 Boston
†Welch, James
Woodbury, Geo. P., 42 Howard
SALISBURY—Lord, Charles H.
Moody, Gardner S.
Pike, George F.
SAUGUS—Flye, John
Hall, A. J.
Paul, Wm. F.
Robinson, Benjamin F.
SAXONVILLE—Blease, Marshall
Hall, J. E.
SCITUATE—Coleman, Moses P.
Newell, Samuel
SHARON—O'Neil, John
Tamblyn, Henry A.
Tucker, George H.
SHEFFIELD—Bassett, A. J.
Crippen, F. S.
Curtis, Willard
Stone, A. P.
SHELBURNE FALLS—Davis, Joshua
Johnson, Samuel
Smith, Joseph F.
Stamford, Wm.
SHERBORN—Coombs, Jas. W.
Phipps, David N.
SHIRLEY—Ballou, G. M.
Liverman, I.
SHREWSBURY—Chapin, Harlan
Gates, George N.
Stone, Henry A.
SIASCONSET—Collins, John B.
Gardner, Wm. B.
SOMERSET—Crowell, Wm. W.
Davis, Leander P.
Hathaway, Ira A.
Marble, Benjamin
Marble, G. A.
SOMERVILLE—Abbott, Charles O., 7 Dana
Alley, Roscoe H., 102 Lexington av
†Andrews, J. M. & Son, 172 B'way
†Belding Bros., 62 Hudson
Berry, N. F., 48 Main
Bickford, Frank W., 61 Holland, W. S.
†Bowlby, Henry R., 71 Dover, W. S.
Brackett, H. S., 25 Webster
Bragg, L. R., 11 Allston
Burnham, Ira F., 54 Dover, W. S.
Calkin, W. W., 29 Melvin
†Clarry, O. C., 8 Washington
†Cliff, Z. E., 345 Summer, W. S.
Cummings, H. P. & Co., 90 Curtis, W. S.
Dodge, John A., 17 Hawkins
†Downing, J. F., 536 Somerville av
Edgett, Reuben, 347 Elm, W. S.
†Fayles & Doyle, 31 Winslow av, W. S.
Farrington, T. F., 95 Summer
Fenton, J., 18 Endicott av, W. S.
Foster, Wm. H., 22 Cameron av, W. S.
Freeman, W. W., 41 Claremon, W. S.
Fuller, Frank A. & Co., Sewall ct
Giddings, J. E., 37 Walnut
Glidden, W. L., 105 Porter
Goodrich, L. H., 25 Park av, W. S.
Gould, Arthur R., 44 Raymond, W. S.
Gould, Henry E., 390 Highland av, W. S.
Gunther, G. W., 18 Gilman terrace
†Harris, Charles E., 28 Moreland
†Higgins, R. B. & Son, 323 Broadway
Hunter, Clarence, 414 Highland av, W. S.
Hutchinson, G. E., 202 School
Johnson, H. N., 1 Union square
Kiley, Thomas, 48 Brastow av
Laighton, Mark, 52 Broadway
Lewis, A. R., 48 Kidder av, W. S.
McAvoy, N., 1 Washington av
McLean, Duncan A., 162 Lowell
†McLellan, John R., 116 Belmont
Mathews, Geo. F., 339 Medford
Morris, W. H., 304 Somerville av

Osgood & Stevens, 47 Otis
†Poingdester, John G., 97 Lexington av
Quimby, T. H., 277 Elm, W. S.
†Randlett, Irving N., 11 Jay, W. S.
†Reed, Clarence G., 336 Beacon
†Rice, Bernard A., 56 Willow av, W. S.
Rice, Israel P., 15 Chandler, W. S.
Rice, Wallace M., 326 Washington
†Richardson, R. M., 52 Broadway
†Robbins, Daniel E., 10 Cameron av, W. S.
Robinson, Geo. D. B., Stone av
Row, J. C., 463 Somerville av
Skilton, D. J., 10 Burnside av, W. S.
Snow, J. C. H., 54 Broadway
†Spaulding & Spaulding, 29 Farragut av, W. S.
Stackpole, John, 242 Broadway
Stevens, J. H., 7 Herbert, W. S.
Taylor, Odoniram J., 17 Aldersey
†Taylor Bros., 52 Gorham, W. S.
Telfer, Harry W., 32 Chandler, W. S.
Thompson, C. S., 6 Campbell Park pl, W. S.
Waugh, Wm. L., 17 Henry av
†Williams, S. & C. H., 59 Union square
Willoughby, Geo. T., 111 Central
Wilson, Geo. F., 27a Summer
Worcester, J. B., 24 Brastow av

SOUTH ACTON—Jones, S., Jr.
Reed, E.

SOUTHBORO—†Andrews, H. K. W. & Son
Hyde, Curtis
†Welch, J. E. & Co., Cordaville

SOUTH BRAINTREE—Borden, H. W.
Penniman, Thomas
Tupper, Martin L.

SOUTHBRIDGE—Aldrich, O. J.
Boyer, Alexander
Geleno & Merritt
Hobbs, H.
Truesdell, G. S.

SOUTH DARTMOUTH—Butts, A. A.
Davis, S. M.
Davis, Z. B.

SOUTH DENNIS—Alexander, H. G.
Nickerson, Jotham

SOUTH EASTON—Bonney, Lucien
Howard, H. L.

SOUTH ESSEX—Lufkin, George
McIntire, Henry
Perkins, Proctor P.

SOUTH FRAMINGHAM—Abbott, N. T.
Daisley, James
Fales, A. & Sons
Kyte, John P.
Wells & Tuttle

SOUTH GARDNER—Gale, H. W.
Howard, A. H.

SOUTH HADLEY FALLS—Hofmann, Aug., 25 Lamb
†Judd, B., Bardwell n Elm
Laraway, Chas., Abbey, Fairview
Paquette, Samuel, 460 Britton, Fairview

SOUTH HANOVER—Dwelley, Joshua
Stockridge, E. W.

SOUTH HANSON—Fuller, Thomas
Howland, Austin
Josselyn, Benj.

SOUTH HINGHAM—Cushing, E. H. & Son
Hersey, S. S.

SOUTH WEYMOUTH—Bowker, H. N.
Bullock, F. F.
Hobart, P. T.
Morton, E. W.
Seabury, John
Wade, D. N.

SOUTHWICK—Cushman, Chas. H.
Saunders, Chas. H.

SOUTH YARMOUTH—Baker, Isaac C.
Eldridge, Jeremiah

SPENCER—Baribeault, Narcisse
Horr, Merritt N.
O'Brien, William
Parks, Russell
Traill, W.

SPRINGFIELD—†Addison, Wm., 24 Homer
†Angers, J. A. & Bro., 327 Main
†Annable, C. H., 38 Sanford
Bailey, F. P., 98 Alderman
†Ball, A. A. & S. T., 146½ State
†Belanger & Beauchemin, 21 Stockbridge
Brady, William H., 85 Achusnet av
†Brooks & Shea, Elm & Water
Buckler, A. E., 356 Belmont av
†Burke, Thos. F., 51 Vinton
†Burnham, George M., 53 Bridge
Bushey, Nelson C., 390 N Main
†Campbell, Daniel W., 20 Abbee av
†Chesboro, E. L., 12 Cornell pl
Dalrymple, John, Carew c Sherman rd
†Dauphinais, Camille, 7 Beaudry (I. O.)
Dean, C. M., 22 Maple dell
†De Montigny, Napoleon, 36 Berkshire Bey
†Eaton, L. O. (Large), 188 Thompson
Fiske, Eli B., 23 Morgan
†Gaginer & Angers, 327 Main
Gaginer Bros., 600 Main
†Gilbert, Thomas B. (Large), 62 Dwight
†Hayden, Joseph W., 888 State
Hoag, William M. (Large), 112 Westminster
Howes, George E., 318 Eastern av
†Kelso, E. D., 19 Merrick av
†King, Herman L., 116 Bay
†Labelle, Jos., 222 Main (I. O.)
†La France & La Riviere (Large), 166 Main, I. O.
Langdon, Merrick H., 17 Willow
†Lyman, Geo. W., 62 Dwight
†Martin, Jas. A., 406 Wilbraham rd
†Martin, Joshua F., 14 Genesee
Meacham, Edward A., 121 Cedar
Morey, Frank P., 88 Quincy
Morse, Pascal L., 105 Main
†Newton, W. A. & Co., 337 Worthington
†Perrault, Alex., 18 Morris
Perrault, H. & Son
†Prouty, Alfred D., 465 Main
†Robbins, Geo. W. & Co., 31 College
Roberts Bros., 350 N Main
Ross, Richard B., 75 Auburn
Roy, J. G. & Co., 907 Armory
†Russell, N. E., 300 Birnie av
†Scott, John L., 282 White
Scott, Luther H. & Co. (Large), 23 Bridge
†Shattuck, E. W (Large), 98 Taylor
†Shea, Jerry & Son (Large), 16 Columbia ter
†Sherman, P. A., 109 Taylor
Short, Jonathan, 62 Harriet
Simmons, Samuel J., 423 Central
Stewart, Henry A., 531 Worthington
Taft, Geo. E., 76 Grand av
†Tirrell, E. W., 52 Liberty
†Walls, J. F. & Son, 89 Morris
†Warner, Fred G., 51 Revere
West, R. M., 38 Sanford
Wilson, C. P., South n Main
Wood, Emerson, 329 Walnut
†Wood, L. S., Willow & Stockbridge
†Wormley, Dan'l, 32 Willow

STOCKBRIDGE—Knowles, Geo.
Lawless, T. J.
Pilling, James F.
Quigley, John

STONEHAM—Avery, Alfred
†Drew, Hiram S.
Gove, Linwood L.
Hoyt, Lorenzo
†Libbey, Charles A.
Pickens, L. W.
Spencer, Frank W.
Staples, A. W.
Swan, John B.
Sweetzer, Stanwood G.
Tibbets, Richard

STOUGHTON—Clapp, Samuel
Drake, Ira
Francis, H. L.
White, Fred
Witt, H. C.

SUDBURY—Puffer, James J.

SUNDERLAND—Armstrong, J. M.
Darling, B. C.
Davis, A. H.

SWAMPSCOTT—Delano, Gilbert
Gardner, Peleg.

TAPLEYVILLE—Foster, James E.
Peabody, Elisha B.

TAUNTON—Bassett, Eugene P., Merchants' la
Bassett, James T., 11 King
Bassett, Lester E., 171 Tremont
Browne, Jno. C., 5 Vernon
Chase, Wm. H., 15 Trescott
Crane, John A., 16 2d
Crapo, Henry G., c Tremont & Fremont
Davis, Preston F.
Ellis, B. F., 44 Porter
Ellis, N. E., 169 High
Gallagher, William H., 73 Tremont
Hardy, Jno. M., 3 Maple av
Howes, H. G., Fairview av
McLellan, Henry, 44 Cohannet
Manter, C. I., 14 Trescott
Manter, Chas. L., 14 Trescott
Moore & Pond, 145 Broadway
Norton, J. D., 13 Berkley
†Pierce, Samuel P., 114 Summer
Presbrey, Jas. L., 134 Somerset av
Smerdon, Wm. H., Merc La
Strang, Jno. W., 41 Winthrop
Sullivan, D. J., 83 B'way
Westgate, Chas. F., 62 Weir
Wilbur, O. B., 62 Weir
†Williams, Frank D., 229 High
†Witherill, L. M., 29 Court

TEMPLETON—Ryan, John
Washburn, E.

TEWKSBURY—Briggs, A. S.
Frost, Nathaniel F.

TOPSFIELD—Potter, John H.
Roberts, Henry H.
Welch, William

TOWNSEND—Dudley, W. S.

TRURO—Brown, O. S.
Paine, Barnabas
Smith, Samuel H.
Snow, C. W.

TURNER'S FALLS—Fellows, J. C.
Lamoreux, D.
Lamoreux, N.
Thomas Bros

TYRINGHAM—Garfield, George D.
Moore, Guy D.

UPTON—Brown, Nelson H.
Brown, Wilfred L.
Hall, Thomas J.
Wood, Perry

UXBRIDGE—†Aldrich, L. S.
Lackey, Eugene
Paddock, Frank

VINEYARD HAVEN—Hinckley, H. N.
Tilton, Horace
Vincent, M. C.

WAKEFIELD—Biggs, E. E.
Brown, Alfred
Cooper, E. T.
Darling, L. D.
†Howard, Roger
Killorin, George W.
Parsons, Israel A.
†Smith, Geo. E.
Stevens, Merritt
†Talbot, C. & H. W., M.

WALPOLE—†Allen, M. W. & Son
Boyden, Porter S.
Kingsbury, George
Thomas Bros

WALTHAM—†Brown, J. B., 541 Main
†Dawson, George, Music Hall av
†Glancy, R. E., 53 Cushing
†Gragg, Herbert M., 67 Lawrence
Handrahan, John, 39 Common
†Howe, W. C., 40 Chestnut
†Rose, Norman J., 188 Hammond

WARE—Buckley, James A.
†Cummings, Herbert P. & Co. (Large)
Harwood, Frank W.
Hathaway, E. & L.
Nevins, Thomas
Oakes Bros
Ruggles, Estes S.
Sherman, F. L.
Vigeant, A. A.

WAREHAM—Barnes, Elmer
Barnes, Geo. S.
Greer, C. K. & Son, S Wareham
Wing, Geo. F.

WARREN—Foskit, E. L.

WATERTOWN—Benjamin, W. H., Summer st
†Hales, A. & Son, 21 Chester
Hutchins, A. L., Spring st
Iliffe, Wm., Melendy av
†Murdough, Albert B., Russell av
Whiting, Moses, Royal st
†Wilson, W. H., 84 Mount Auburn

WEBSTER—Aldrich, Geo.
Plasse, Paul
Upham, Frank A.
Snow, Jos.
Towne, W. E.

WELLESLEY—Allen, Andrew
Connolly, Andrew S.
Freeman, Philip

WELLFLEET—Collins, Benj.
Landerkin, Isaac W.
Newcomb, L. A.
Rodman, C. L.
Russell, George H.

WENDELL—Powers, Thos. L.

WENHAM—Conant, J. P.
Eliott, Charles F.
Morgan, William B.
Porter, Isaac
Quinby, Ivory

WEST ACTON—Harris, Frank H.
Hoar, John S.
Priest, Frank A.
Stevens, Levi
Wetherbee, A. W.

WEST BERLIN—Carter, Sidney
Dailey, E. W.

WESTBORO—Hathaway, B. C.
McKendry, George A.
Penniman, W. C.

WEST BOYLSTON—Cutler, Oliver B.
Warner, W. W.

WEST BRIDGEWATER—†Bartlett, Saml. D.

WEST DENNIS—Crowell, Allen S.
Crowell, T. F.

WESTFIELD—†Avery, E. D.
†Boyle, Jas., 5 Church
†Coffin, F. H.
Dean, A. H.
†Drake, Wm. M.
†Green, T. J.
†Houghton, Frank P., 11 Summer
†Humphreville, E. M.
†Jacobs, F. Z.
†Mahoney, P. J.
†Norton, Hiram B.
†Parker, Geo. C.
Robinson, L. M.
†Snow, Frank A.
†Wood, H. C. & Co. (Large)
WESTFORD—Drew, George
Fletcher, C. L.
Whalen, Thomas
WEST GLOUCESTER—Crispin, Andrew H.
Day, John W.
Roberts, W. H.
WESTHAMPTON—Jewett, A. G.
Loud, C. N.
Torrey, E. P.
WEST MEDFORD—Hann & Hopkins
†Lovering, Lewis H.
Mann, Moses W.
Norton, John H.
WEST MEDWAY—Adams. Albert M.
Ross, R. P.
WESTMINSTER—Kendall, George F.
Prescott, G. H.
Whitney, Augustine
WEST NEWTON—Ellice, Thos. H., Auburn n Crescent
Gillen, Chas., Cherry n Deroy
Hargedon, Jno., Derby n City line
†Hunt, Henry H., Webster park
Jepsen, Geo., Henshaw ct
Keller. Wm., Henshaw st
†Lucas, Milo, Lucas av
†Pettigrew, William, N Prospect st
WESTON—Brown, J. J.
Fuller, F. T.
Gould, Josiah S.
Gowell, William N.
Robinson, Fitz A.
Smith, J. M.
WEST SPRINGFIELD—Gosselin, Chas. A., Walnut st, Agawam
†McCarthy, Jas. F., 359 Main
Provost, Samuel, 342 Main
Robert, Arthur, 24 Walnut, Agawam
Roy, J. A., 2 King, Agawam
Toomey, David A., 89 Westfield, Mitt
WHITINSVILLE—†Prentice, J. V.
Van Steenberg, J. B.
WHITMAN—Bonney, C. H.
Hall. F. O.
Jackson, A. W.
Keene, F. F
Randall, C. O.
Taft, J. & Son
Whitmarsh, A. C.
Whitmarsh, F. P.
WILBRAHAM—Keyes, Elias S.
†Morgan, James S.
Wright, Marshall R.
WILLIAMSBURG—Bisbee, H. A.
Kingsley, E. D.
WILMINGTON—Carter, J. H.
Horton, H. M.
WINCHENDON—Cheney, George W.
Lyon, Timothy F.
Wright & Whitney
WINCHESTER—Beatie, W. B., 24 Richardson
Blaikee, Dexter B., 72 Everett av
Boyce, Jno. B., 13 Converse pl
Enman, J. L. M., Kendall n Mt Vernon
Polley, David L., 21 Main
Powers, Albert A., 24 Salem
Ritcey, Daniel H.
Sanborn, F. B. C., 100 Highland
Shattuck, Joseph H., 31 Kendall
Stevens, S. W., 18 Howard
WINDSOR—Coleman, W. M.
Jacobs, O. D.
WINTHROP—Bacon, James
†Coffin Bros
†Douglass, H. O.
†Ford, C. R.
†Griffin, Ernest
†Griffin, Sidney H.
†Moore. Geo. C
†Newcomb & Freeman
†Stanley, Geo. O.
†Stone, Chas. P.
Tewksbury, E. K.
†Vaille & Douglass
WOBURN—Ames, Erskine, 569 Main
Bancroft, Ambrose, 9 Highland
Blackburn, Christopher, 74 Winn
Bland, Jas., 26 Mt Pleasant
†Bonnell, J. S., 10 Auburn
†Brown, Geo. F., 8 Prospect
†Fowle, George E., 32 Prospect
Gooday, Callxte, 32 High
Greydon, Frank W., 7 Lowell
Kimball, George W.
Lamb, Cyrus
McFeeley & Greneleaf, Nicholas st
Ring, Timothy J., 18 Stoddard
†Singer, Wm. J., 36 Clinton
Smith, A. Y., 39 Beacon
†Smith, W. E., 7 Eaton av
Taylor, H. A., 15 Broad
Willoughby, E. K., 960 Main, N W
WOLLASTON—Berry, W. C.
McFarland, J. & Son
†Poland, J. E.
Sherman, A.
Sparrow, Josiah
Thomas, George E.
WORCESTER—Anderson, C. E., 58 Kendall
Batchellor, Silas H., 71 Beacon
†Beaudette, W. A., 8 Norwich
Belisle, Ell, 19 Portland
Bigelow, A. E., 7 Mt Pleasant
†Bishop, J. W. Co. (Large), 107 Foster
†Booth, A. N., 18 Schussler rd
Brady, Thos., 23 Austin
Brosnihan, M. E., Gibbs & Lochwan av
Buckley, J. M. & C. J., 67 Harrison
Casey, Patrick, 15 Market
†Central Building Co., 58 Front
Clark, Elbridge, 30 Channing
†Colburn, C. A., 660 Pleasant
Collie, Joseph, 2 Richmond av
Conger, A. C., 20 Shaffner
†Cross, E. J., 82 Foster
†Cutting, Geo. H. & Co. (Large), 11 Foster
†Dorais & Dupuis, 3 New Sutton la
†Elliott, James I., 518 Main
†Fairbanks, Alonzo P., 38 Elliott
Fish, J. R., 42 Piedmont
Fortier, A. I., 107 Southgate
Fournier, G. & Son, 156 Bloomingdale rd
Gallagher, Francis. 2 Plane
Gates, A. S., 69 Florence
†Geeser, C. P., Brattle n Holden
Goff, F. J. Y., 7 South av
Hadley, Herman G., 33 Russell
Hardaker, Jos. J., Central & Commercial
Higgins, Jeremiah J., 7 Eastern av
Holden, Jno., 44 Central
†Howard, S. I., 63 Main
Howe, Wm. B., 12 Shirley
Hubbard, F. M., 52 Bridge
†Hubbard, Geo. M., 51 Hollywood
Johnson, Fred., 8 Dayton
Joslyn, W. H., 70 Richmond av
†Knapp, C. H., 17 Baker
†Larose, Hubert, 5 Leland ct
†Lemay, A., 158 Washington
†Loftus, Jno., 71 Suffolk
Lynch Bros, 268 Shrewsbury
†McDermott Bros., 17 Jefferson
Marble, Alfred R., 195 Austin
†Melican, Thos. F., 3 Chapin
Merritt, Wesley, 8 W Oberlin
†Mellen, Henry & Son, 41 Queen
Millett, Philip A., 4 Kilby
Morton, J. D., 10 Clifton
Murphy, P. D., 74 Ward
Nelson, Nicholas, 5 Farwell
†NORCROSS BROS. CO., 10 E. Worcester (see adv index, page 1200)
Palmer, Addison & Son, 25 William
Pierce, George, 131 Pleasant
†Peters, Chas. L., 38 Newbury
†Petterson, L. M., 21 Edward
Porter, Raymond, 129 Piedmont
†Putnam, Willis E., 13 Cypress
†Rankin & Woodside, 38 Burncoat
Rice, G. H. & L. W., 4 Lowell
Rice, Jno A., 5 Gates
†Robbins, A. P., 110 Lovell
Schofield, Andrew H., 41 Downing
†Scoville & Wheeler, 518 Main
†Skoglund, Jno. H., 16 Mattson av
Spaulding, Geo. D., 78 West
†Sturtevant, Harry L., 6 Tirrell
Tannebring, Reinbold G., 177 Austin
Thompson, Geo. G., 87 Hamilton
Tolman, Ira W., 515 Main
†Vaudreuil, Jos. G., 93 Foster
Vaughan, A. J., 23 Bowdoin
†Vaughan, C. A., 28 William
†Ward, Edward D., 48 Alvarado av
Whitney, Edwin J., 29 Dewey
†Whitehead, Ernest, 21 Foster
Yates, Francis J., 7 Mendon
WRENTHAM—Willard, Artesmus L.

MICHIGAN.

ABBOTTSFORD—Cook, Peter
Stubbs, Thomas
ACME—Pelk, N. T.
ADA—Clark, S. H.
Holmes Bros.
Mairacon, H. C.
Schneck, William Y.
ADAIR—Siefert, Fred.
Stolp, Herman
ADDISON—Beck & Vogt
Chapman, M. L.
Hood,, R. A.
Knowles, L. I.
†Matthes, C. F.
Richardson, Jonathan
AGNEW—Ryder, O. B.
AKRON—Dutcher, G. W.
Shannon, E.
Shileto, A. & F.
ALBA—Brooks, T. P.
Moore, F. D.
Sloat, H. M.
Strickland, Wm.
ALBION—Belcher, S. H.
Carr & White
Ferguson, S.E.
†Loder, W. M. (also planing Mill), 1605 N Madison
Maher, G. W.
ALGONAC—Biscarner, Lewis
Jackson, A. C.
Quibble, John
Reid, Philip
Skinner, Charles
Skinner, Truman
ALLEGAN—De Wright, Martha
Howe, A. F.
Lewek, Fred.
Roberts, C. A.
Rockwell, Jas.
†Sturgis, R. E. & Co.
ALLEN—Derr, C.
Miller, S.
ALMA—Alverson, Jay
Bahlke, George
Baker, J. A.
Chase, Jas.
Decker, C. H.
Hutchins, Charles
Young, Geo. S.
ALMONT—French, L. C.
Hibler, G. G.
Rattrau Bros.
†Wicks, Powers & Son
ALPENA—Buford, J. B., 1105 W Chisholm
†Fox, Owen
Gagnon & Beaulieu, 423 S 7th
Gebhardt, Morrow & Co. (also Planing Mill)
Johnston, J. M., ft E Fletcher
ALPINE—Hard, A. D.
Paas, Philip
ALTO—Andrews, A. A.
Henry, James
ANCHORVILLE—Beauvais, Charles
Beauvais, Thomas
Chamberlain, August
Gagnow, Jos.
ANDERSON—Bullis, E. N.
ANN ARBOR—†Bliton, Henry
Clark, G. W.
†Hochrein & Braun
†Krumrei & Stadel
†Sauer, C. A. & Co.
ARMANDA—†Dickens, Chas. B.
ASHTON—Beck, F. R.
ASSYRIA—Packer, Theodore
Russell, S. H.
ATHENS—Horton, Charles
Simpson, Ed.
Wells, N. S.
ATLANTA—Leach, W. L.
McMurphy, James D.
West, R. J.
ATLANTIC MINE—Mesner, Michl
Senetter, August
ATLAS—Pratt, Charles
Rockafellow, Robert T.
ATWOOD—Paukett, William
Supernant Bros.
AU GRES—Hill, W. A.
Mudge, Url
AUGUSTA—Ferry, Sidney
Hall, F. B.
Tenny, Sidney
AURELIUS—Hunt, George
Snyder, G. B.
BAD AXE—Merrifield, Levi
Parks, Alex., Jr.
Stull, Harry
BANGOR—Allen, D. W.
Tubbs, Henry

BANNER—Bryce, A.
Patten, Henry
BARKER CREEK—Knight, John
Letherby, John
Worden, W. A.
BATH—Davis, J. C.
Farnsworth, William
Trumble, Edgar
BATTLE CREEK—Ashley, Marcus M., 81 Lincoln
†Bachofen, Wm., 27 S Wabash av, S
Baker, J. H., 67 Aldrich
†Blanck, Aaron E., 30 Jackson
†Brooks, W. L., 66 West
Bucht & Ashley
†Carpenter, Alfred, 57 Graves av
†Carr, Geo. G., 30 Corwin
†Crawford, Albert, 52 Beach
†Doland, Jno. L., 93 Main
†Fenn, H. B., 469 Lake av
Flinn, John W., 314 Garfield av
†Hall, Chas. T., 64 Beach
†Hall, Hy. C., 70 Beach
†Halladay, Henry
†Lewis, M. M. & Sons (Large)
†McMullen, Wm. J., 136 North av
†Miller, Silas A., 162 Champion
†Oxley, Albert W., 214 Upton av
†Pierce, Alimeron, 137 Grove
†Sleeper, W. H., 42 Mich av, S
†Soucey, O., 28 Broad
†Sturterant, Geo., 34 Rittenhouse
†Tait, Jno., 126 College
BAY CITY—†Beard, H. J., 101 Jefferson
†Burbridge, B. & Co.
Burgeson & Saunders, 125 Columbus av
†Eickemeyer, Kamm & Co. (Large)
†Fehrenback, 222 N McClellan
Fish, W. T., 108 Center av
†Harrison, Edmond, Wilson, S of 24th
†Heumann, Simon & Son, 422 N Water
†Holland, John, 10th & Birney
†Lamont, John, 1605 N Madison
Matthew (Large), 309 Columbus av
†McLean, Joseph, 606 N McLellan
†Mason, Z. T., 122 N Madison av
†Moore & Son, 418 Jefferson
†Sanback & Johnson (Large)
†Sovereign, A. L., 516 E Madison av
Wagar, A. N., 207 5th av
†Watkins, H. P., 909 N Sheridan
†Weber, Hy. C., 522 Trumbull
BELLEVILLE—Cole, S. K.
Soop, F. A.
BENNINGTON—Crugher, C. D.
Sawyer, D. E.
BENTLY—Edmonds, Peter
Hurd, Chas.
BENTON HARBOR—†McKellar, J. D.
†Newland, W. G.
Richards, W. H., Brittain av
†Vincent, Henry M.
BERRIEN SPRINGS—Gorham, Eli
Rennie, Robert
Wollam, Jas.
BESSEMER—Backon, J. P.
Gerhardt Bros.
Johnson, A.
†Mennie, Geo.
BETHEL—Hughes, A. B.
Miner, E. A.
BIG BEAVER—Bookham, L.
Strong, I.
BIG RAPIDS—Buckland, G. N.
Randall, R. H.
BIRMINGHAM—Brookham, Theophilus
Monroe, H. L.
Logan, J. R.
Simpson, Lewis
BLACKMAR—Briggs, Jay
Tanner, Lorenzo
BOSTWICK—Somerby, Jonathan
Somerby, William
BOYNE—Jackson, Samuel
Stackus, J. S.
BRECKINRIDGE—Histed, H. E.
Sexton, Ed.
Wood, D. R.
BRIDGEPORT—Carpenter, S.
Woolcott, A. D.
BRIGHTON—Colten, Caleb
Hacker, T.
Nelson, G.
Seger, O. W.
Taylor, W.
BRONSON—Clouse, William
Horton, A. J.
Ripley, I. F.
BROOKSIDE—Ashcraft, Curtis
Frye, J. F.
BROWN CITY—O'Brien, James
O'Brien, James
Witmer, A. H.
BUCHANAN—Brown, I. C.
Phelps, C. E.
BURDICKVILLE—Moore, John
Trumbull, John
BURLINGTON—Howland, E.
Ryer, John
BURR OAK—Bennyhoof, Frank
Froh, Christian
Vanausdel, Andrew
BUSHNELL—Dean, G. L.
Eavey, F.
BYRON—Campbell, O. G.
Gale, C. M.
CADILLAC—Born, J. C.
Brainerd, W. H.
Van Buskirk, W. B.
CALUMET—Baiari, A. A.
Blay, N. S.
Blomquist, John
†Shand, C. K.
Ulseth, Edw.
CAMDEN—Laughlin, Robert
Patrick, Thos.
CAPAC—Cohoe, H. C.
Glassford, Alex.
Hewitt, John
CARLTON CENTRE—Danley, J. & A.
CASEVILLE—McLean, Hector
Weeberry, Hy.
CASNOVIA—Falkner, John
Hanna, Alex.
Seiser, Adam
Treadway, B. S.
CASS CITY—Graham & McGillvray
McKenzie, William
CASSOPOLIS—River, George
Van Meter, S. C.
CEDAR LAKE—Ewers, Melvin
CEDAR RIVER—Ashefors, Andrew
CEDARVILLE—Mertaugh, C.
Sangstoff, John
Switzer, Joe
CHARLEVOIX—Burns & Cameron
Monroe & Enslon
CHARLOTTE—Bacon, J. H.
Hall, Martin
CHASE—Fisher, John
Hoover, William
CHAUNCEY—Fowler, Fred.
Inwood, George
CHEBOYGAN—Bourie, Jos.
†Cheboygan Mfg Co. (Large)
†Wheelock, Fredk.
Whilock & Clark
CHELSEA—Hoover, John
Maroney, Clarence W.
Staffan, Frank
CHESANING—Jersey, N. R.
Snow, Alonzo
CHESTER—Pierce, Wm.
Wyble, Frank
CLARE—Fox, David
CLARKSTON—Beardslee, F. D.
Curran, J. P.
Van Vleit, R. C.
CLARKSVILLE—Robins, Ezekiel
CLAWSON—Lawson, John
Newman, S. R.
CLAYTON—Granger, F. W.
Hamlen, Herman
Whitacre, J. G.
CLIMAX—Huller, Geo. A.
Radford, Jno.
CLINTON—Semark, Edw.
CLIO—Brown, Uriah
Buffum, J. W.
Dexter, G. S.
Howell, D. D.
Lobdell, F. M.
Mitts, T. H.
Roether, Ruby
COLDWATER—†Bennett & Davenport
†Brown, C. H., 30 E Pierce
†Brown, Frank A., 56 Peckham
Leroy, Adelbert, E Chicago st
†Leroy, Jas. E., Chicago st
†Parker, M. H., 126 S Monroe
†Ruthrauff, H. B., 113 N Polk
†Saxton, E. B.
†Sherman, A. A., 122 Harrison
†Sorter, Chas., 127 Jackson
†Walker, T. E., 238 Marshall
COLEMAN—Golden, Alfred
Lake, John
Zeigler, Amos
COLON—Godfrey, W. H. & Co.
Peters, J. P.
Tomlinson, O. C.
Whitmore Bros.
COMSTOCK—Anderson, D. B.
Hale, H. H.
CONWAY—†McFarlane Bros. (also lumber mfrs.)
CORAL—Holcomb, Daniel
Holcomb, S. S.
CORUNNA—Knight, William
Millard, Frank
CRESSEY—Firth, S. H.
France, S.
Reckemnor, Isaac
CORSWELL—Hazel, Thomas
McIntyre, H. G.
Miller, David
Niles, Andrew
Pomeroy, G. F.
CROTON—Race, Morgan
Race, Peter
CRYSTAL—Slack, Edward
Slack, E. W.
Swarthout, Charles
Yaner, Nicholas
CRYSTAL FALL—Lewis, Joseph
Nelson & Johnson
Sudds, A. C.
DANSVILLE—Field, H. H.
Keene, Joseph
Osborne, C. H.
DAVIS—McGregor, H.
Russell, William
Thompson, Myron
DAVISON—Elmore, A. A.
Good, H. W.
Rockafellow, Wm.
Wood, Wm.
DECATUR—Pritchard, W. H.
Sweetland, S. D.
DEFORD—Lewis, Elmer
DELRAY—Belisle, Hy.
Frasier, W. J.
†Kinnell, Jos.
Moran, G. S.
Sohonscheck, Wm.
Weller, G. A.
DETROIT—Abbott & Schermerhorn, 196 Alexandrine av, W
†Albrecht, Albert A. (Large), 1017 Union Trust bldg
Allan, John, 1307 Wabash av
Allan, Wm. A., 767 4th av
Anderson, Wilmot, 1078 24th
Angermier, Adam, 401 12th
Apel, Henry A., 61 Sycamore
Armstrong, Underwood & Co., 1379 St. Antoine
Asam, Wm., 526 Vermont av
Aurand, Angelo W., 40 Glendale av
†Bailey, George W., 266 Greenwood av
Ballman, John W., 550 Fort E
Barr, David L., 475 Wabash av
Bartell, Wm., 925 Holcomb av
Beaton, Angus, 216 Bagg
Beaubien, Jos. B., 681 Stanley av
Beebe, Wm. H., 807 Maybury Gd av
Belanger, A. C., 68, 21st
Bennett, Robert, 200 Locust
Bent, James, 508 Greenwood av
Bessenger & Moore, Telegraph bldg
Bierkamp, August H., 222 Bellevue av
Blundell, Geo. H., 483 Grand River av
Boden, Geo., W., 1175 Brooklyn av
Boomer, I. E., Forest av & D G H & M Ry
Booth, John W., 23 Elizabeth, E
†Boyd & Dawson, 109 Gerald av, H. P.
Brand, Jacob, 53 Columbia, E
Buchanan, Hugh, 145 Vermont av
Buchanan, Jas., 1392 14th av
Buchanan, Stephen A., 346 Warren av, W
†Burger, John A., 763 E Fort
Cannon & Moran, 619 John R
†Carew & Chase, Majestic bldg
Carroll, M. H., & Sons, 684 6th
Carter, Chas. C., 150 Wayne
Cattel, T. M., 480 Hancock av, W
Chevillot, Louis F., 374 Woodward av
Chevillot & Esper, 559 16th
Chipman, Cyrus O., 64 Balt av, W
Christy, Thos., 2217 Gratiot av
City & Suburban Homes Co. (Ltd.), 35 State
Claxton, Wm. & Son, 252 Frederick av
Cleff, Jno. H., 476 Williams av
Collins, W. D., 334 Howard
Conroy, Michael, 694 3d av
Coughlan & Martin, 1164 Jefferson av
Cowell, Jabez G., 929 16th
Cowhey, Edw., 1250 Trumbull av
Czeschinsky, Otto J., 263 Cleveland
Dalton, Nelson J., 115 Spruce
Daschke, John, 781 Riopelle
Deneen, Chas. W., 1522 Kirby av, E
Dennert, G. A., 317 Townsend av
†Depuy, Chas. J., 978 Greenwood av
Derra, Sebastian, 644 Russell
Dery, F. X., 867 Champlain
Dettloff, Otto H., 1170 Bellevue av
Dewey, Jas. S., Sherwood av nr Strong av
Dream, Patrick, 25 National av

Duart, W. J., 1165 15th
Duffus & Co., 185 16th
Dunn, Robt., 515 Commonwealth av
Durst, Peter, 99) Vermont av
Edgecomb, Wm. M. & Son, 842 14th av
Elvidge, Gostlow, 1417 12th
Erz, John, 30 Chestnut
Esper, Peter E., 521 Wabash av
Everding, Wm. F., 247 Fischer av
Ewing, B. F., 209 22d
Ewing, Wm. F., 715 Howard
Fairbairn, Thos., 94 Columbia, E
Falkenburg, F. H., 720 15th
Falklam, C. F., 603 Military av
Feldspausch, Constantine, 241 Jay
Finley, Hugh, 80 Eldred
Fischer, Clemens, 861 Forest av, E
Fisher, G. W., 55 Selden av
Floody, C. B., 145 Myrtle
Focht & Hansel, 1130 Jos Campau av
Follmer, Jos., 340 Concord av
Ford, George, 1196 18th
Forncrook, I. S., 184 Wreford av
Forrester, A. R., 298 Harrison av
Fox, Joseph, 155 Helen av
Fox, Wm. F., Co., 893 Wabash av
Frasier, W. F., 60 Dearborn av, D
Fritz, Aug., 228 Lawton av
Gamble, Geo., 1262 14th av
Gdaniec Peter, 320 Breckenridge
Gearing Bros. Co., 121 Wayne
Gearing, Jno. M., 868 14th av
Gearing, Jos. L., 926 Cass av
George, H. & Son, 531 Beaubien
Gier, J. J. & Co., Rivard & Piquette av, E
Goddeekis & Co., 295 Townsend av
Goedeke, A. & Son, 872 Jos Campau av
Geotsch, A. W., 1092 Medbury av
Graham, Beattie, 757 Campbell av
†Grant, Hy. V., 412 Hubbard av
Gray, Adam, 19 Selden av
Gschwind, Emil, 741 Frederick av
Gutow, W. J., 1063 Willis av, E
Haberkorn, J. H. A., 384 14th av
Hacon, J. G., 735 Woodward av
Hahn, H. L., 366 De Graw av
Hamel, John, 673 Morrell
Hamly, Robt. C., 291 Parkman av
Harrow, Jno. A., 284 Fort, W
Hart Bros., Cham. of Com. bldg
Hart, John J., 257 Stanton av
Heck, Henry, Jr., 823 McDougall av
Heck, Wm., 746 Jos Campau av
Heitmann, Aug., 757 Mt Elliott av
Helson, Richard, 41 Gilman
Henze, August F., 111 Benton
Herley, Jos., 930 Vinewood av
Hibbler, Wm. M., 1177 Kirby av, W
Hild, A. & Son, 680 Orleans
Hill, H. J., 61 Sibley
†Hofsommer, Geo. J., O'Flynn & Mack avs
Hoisington, E. A., 358 La Salle av
Hollister, Danl. W., 307 Kirby av, W
Howes, Jno. C., 247 31st
Hoyt, Wm. W., 156 Pollard
Hubeler, Henry, 367 Antietam
Huebner Mfg. Co., 236 Fort, E
Hugg, J. E. & Co., 445 Military av
Industrial Bldg. Co., 358 Brush
Jahnke, Herman, 763 Meldrum av
Jenner, Thomas, 1370 14th av
†Johnson, J. C., 791 26th
Jones, Edw., 73 Howard
Jones, Henry, 832 Milwaukee av, W
Kalsow, F., 143 Hale
Keddy Grille Co., 58 1st
†Keen, Aaron, 202 Palmer av, W
Keller, C. J., 657 Canfield av
Kelley, Martin, 390 6th
†Kinnell, Jos., 2084 River
Kluck, Chas. F., 39 Schoeder av, Del.
Knowles, B. M., 386 23d
Kuehl, Chas. W., 422 Chene
Kurnz, Bernhard, 305 Kirby av, E
Lamarre, Alex. P., 388 12th
Lamarre, P. A., 532 Wabash av
Lange, Anthony, 989 Farnsworth av
Langley, Wm. P., 161 Elizabeth, E
Langley & Jeynes, 681 Toledo av
Lardie, Gideon E., 1272 Monroe av
†Lardie & Peterson, 142 Park
Lempke, Wm. A., 31 Wolff
Lenz Ferdinand J., 485 Watson
Letourneau, Philip, 154 Sycamore
†Lever, Elmer T., 207 Westminster av
Leverenz, F. H., 1131 Bellevue av
Lewis, Jas. H., Montclair & Mack avs
Linderman, J. W., 212 23d
Lindner, Stephen, 408 Clinton av
Lindow, Chas. F., 106 Chestnut
Lipsinski, Frank, 764 17th
Lockerbie, Geo., 91 20th
Long, Jno. H., e. s. Woodmere av, 4 n of Fort, W
Lorenz, Chas., 60 Rademacher av, Delray
Lorish, Peter N., 694 Lincoln av
†McCausland, W. H. & Son, 116 Larned, W
McCormick, Thos., 971 Kirby av, E
McCrum, W. C., 945 Warren av
McDonnell, Daniel M., 787 Lincoln av
†McDonnell, R. G., 497 Willis av, W
†McEnhill Bros., 261 15th
McEnhill, John, 238 Porter
McGoldrick, Jno., 191 Wabash av
McIntosh, Chas. B., 201 Clairmont av
McIntyre Bros., 576 Ferdinand av
McIntyre, Robt. W., 579 Morrell
McIsaac, Jno., 544 Morrell
McKillop, Jno., 649 Wabash av
McLaughlin, Jno., 446 3d av
Malow, M. P., 783 Jos Campau av
Malow, Wm. F., 1104 Mt. Elliott av
Mapes, Geo. A., 157 28th
Marenette, J. E. & Co., 123 Larned, W
Martel, J. E. & Co., 121 Larned, W
Martin, Frank A., 533 Congress, E
Mason, Thomas, 122 Leverett
Mathes, C. F., 85 Linden
†Mayhew, E., & Son, 317 Grand River av
Menz, Herman, 308 Stanton av
Mertens, J. C., 1015 Harper av, E
Milette, Napoleon J., 187 Montcalm, E
Millar, T. W., 7 Miller
Miller, C. L., 515 St. Joseph
Miller, Geo H., 245 Howard
Miller, Jos. J., 1173 McDougall av
Misch, Otto, 91 Pulford av
Mitchell, Jas., 1100 16th
Moore, Geo. W., 630 Hastings
Morris, Robert, Jr., 664 4th av
†Moynes, G. F., 137 Brady
Munro, J. M., 277 Warren av, W
Murray, Daniel E., 83 15th
Nall, J. & E. B., Hammond bldg
†Neideck, J. M., 1042 Field av
Neidermeier, Amiel, e. s. Cicotte, 3 n of River R R
Nelson, Martin, 539 Mullett
NICHOLSON MFG. CO., 456 Brooklyn av
Norman, Jno. W., 1280 14th av
Notebaert, Peter, 144 Shipherd av
Nutt & Clark, Peninsular Bk. bldg
O'Donnell, Hugh & Son, 1336 18th
†O'Connell, H. P., 157 Larned, W
Ostrander, W. C., 24 Bethune av, E
Palmer, W. J., 1164 St. Aubin av
Palmer, Miles W., 167 St. Aubin av
Palmer, W. J., n s Charles, 2 e of Dearborn av, River Rouge
Park, David H., 1261 Canton av
Park, Roderick, 22 Hooker av
Parker, C. A., Carter & Cadet avs
Peterson, Jno. B., jr., 1759 Vinewood av
Petts, Geo. R., Cadillac av, n Jean av
Pieper, Wm. L., 1108 24th
Porath, Richard, 878 25th
Post, R. H., 661 Cass av
Praigg, N. S., 384 Putnam av
Pudrith, Christopher E., 677 Meldrum av
Putnam & Moore, 733 Wabash av
Raetz, Ernest, 167 Grandy av
Ray, J. I., 112 Abbott
Rebbeck, Henry, 265 Merrick av
Reed & Mouhot, 837 Wabash av
Reich, Wm. H., 60 Pulford av
Riggs, Wm. E., 1180 Hudson av
Riley, F. M., 335 Grand River av
Robertson, Robt., 94 Elizabeth, W
Robinson, Robt. C., 221 Putnam av
Robson, Benj., 288 B'klyn av
Roger, Thos., 1085 4th av
Rogers, Nelson J. & Sons, 285 23d
Roller M. W., 800 Hudson av
Root, Macajah S., 392 6th
Rotarius, Peter, 542 Erskine
Rose Bros., 416 Michigan av
Ross, W. G., 29 Milwaukee av, E
Rouse, Geo. B., 156 Sheridan av
Russell, W. D., 125 Selden av
Sachs, Peter, 777 Chene
St. John, Geo. H., 616 Trumbull av
Salter, Casper, Woodlawn av nr Gratiot av
Sandick, J. J., 155 Henry
Saunders, Amos, 75 Columbia, W
Scanlan, E. S., 550 18th
Scharnberg, H. J., 1006 Kirby av, E
Scheel, C. W., 365 Campbell av
Scheich, Thos., & Son, 12 Jay
†Scherer, Jno. J., 76 Rolf's pl
Schmitt, J. P., 410 St. Aubin av
Schneider, Emanuel, 194 Leland
Schoenrock, F. W. H., 418 Grauby av
Schoenrock, Richard, 14 Dane
Schukenecht, Frederick, 23 Schroeder av
Schulte, Jno., 747 Medbury av
Schulz, Albert P., 212 Melbourne av
Schwartz, H. W., 329 McMillan av
Seelbinder, G. L., 1156 Canton av
†Seidel, Jacob, 22 Cleveland
Seltz, Geo., 986 17th
Seldon, W. H., 213 Maybury Gd. av
Sharp, T. R., 299 Forest av, W
Shaw, Jno. W., 296 Hecla av
Sheid, B., 1192 18th
Sherman, Joseph P., 705 6th
†Shumaker, Wm. H., 124 Calumet av
Sidebottam, S. E., 44 Abbott
Sigmann, Jno. P., 76 Hazel
Singleton, Jno. N., 356 Frederick av
Smith, Jos. D., 115 Greenwood av
Speier, Fredk., Cicotte av nr Michigan av
Spicer, David, 34 Frederica, Delray
Stanfield, Robt., 26 Park pl, E
Stange, John, 767 Congress, E
†Starrs, Wm., 250 15th
Stegriy, Jno., 348 Hurlbut av
Stewart, R. R., 1320 Warren av, W
Stier, Edw. A., 1590 Medbury av
Stokes & Whittingham, Vermont av & Linden
†Stone, Alfred W., 116 Englewood av
Stowe, H. H., 633 Humboldt av
†Strelow, Albert, 700 Mack av
Stringer, S. Samuel, 845 Vinewood av
Strohbeck, Jno. G., 533 Meldrum av
Talbot, C. J., 1232 McKinley av
Tallman, Jos., 1327 Townsend av
Tallant, P. D., 467 Trumbull av
Tallman, Jos., 1327 Townsend av
Taylor, Jas. A., 1173 Kirby av, W
Taylor, Wm. H., 562 Warren av, W
Thomson, Jas., 1339 18th
Tramps, Fredk., 836 Jos. Campan av
Treacy, H. G., 1131 Warren av, W
Tumey, Jeremiah, 91 Dane
Ufford, C. F., 295 23d
Van Damme Bros., 529 Bellevue av
Vanstone, Geo. G., 397 Lawton av
Vetter, C. A., 318 Alexandrine av, W
†Vinton Co. (Large), 126 Woodbridge, E.
Volkening, Wm. F., 222 Howard
Voss, Robt., 850 17th
Waldecker, Fredk., 427 Lansing av
Wallich, C. J., 1341 Theodore
Wardell, E. W., 903 Hammond bldg
Wasner, Paul, 149 Buchanan
†Watts, Geo., 759 26th
Wendt, Ferd. A., 65 Greusel av
Wen, August, 318 Arndt
Whittaker, John & Co., 51 Church
Wieck, J. J., 209 20th
†Williams, Wm. E., 237 Harmon av
Wilson, T. E., Riopelle nr Byron, R R
Winfield, Geo. W., 117 6th
†Winterhalter, Geo. W., 365 Beawlien
Wobrock, Theo., 824 Field av
Wolf, Jos., 582 14th av
†Wood & Mapes, 614 8th
†Worden, Thos. M., 22 Cella
Young, H., 762 17th
Zinow, Wm., Wellington av nr Leuschner av

DE WITT—Gillett, H.
Williams, C. D.
DIAMOND SPRINGS—Cobb, Aaron
Haight, G. W.
Waterman, R. M.
DIMONDALE—Hesse, Isaac
McCarter, Jas.
Murphy, H. L.
DORR—Buer, J. L.
Buer, Wm.
DOUGLAS—Finley, Wm.
Graham, H. E.
Tisdale, W. G.
Walker, A. W.
DOWAGIAC—†Judd, Mark & Son
†Lindsley & Co.
DRAYTON PLAINES—Chamberlain, Ceo.
Maimee, F.
DRUMMOND—Anderson, H. J.
Seaman, Geo.
DRYDEN—Palmer, T. W.
Shinn, B. R.
DUNDEE—Berg, Ferd.
Drake, Frank
†Drew, W. W.
Fox, M. V.
Sparks, James
Van Nest, James
DU PLAIN—Hainer, W. F.
EAST COHOCTAH—Gilland, Hiram
EAST LE ROY—Snyder, J. D. & Son
EASTMANVILLE—Ackerman, E. R.
Garrison, M.
EAST TAWAS—Malloy, Thos.
Shaw, James
Oaks, G. A.

EATON RAPIDS—Haner & Polhemus
Knowlton, H. C.
Leisenring, P. C.
Williams, H. M.
ECHO—Hauer, Lansing
Murray, Peter
EDGEWOOD—Moore, W. A.
Stoner Bros.
EDMORE—Drake, Bryon
Swift, W. R.
EDWARDSBURG—Blair, William
Dever, D. L.
Keen, J. H.
ELK—Shanno, Hy.
Wright, Albert
ELK RAPIDS—McLaughlin, C. S.
Sterling, Waller
ELLSWORTH—Gotham, Chas.
Supernaw, Wm.
ELM HALL—Church, W. J.
Wyketh, Wm.
ELWELL—Dick, Geo.
EMMET—Furlong, Jas.
McMicken, Jos.
ENTRICAN—Cole, Miles
Lee, Josiah
Wood, Edw.
ESCANABA—Harris, F. E.
Hess, Jos.
†Kemp & Williams
Kennelly, Jas.
McMonagle, Neil
†Williams, Nicholas
EVART—McFarlane, Peter
Postal, Wellington
EXCELSIOR—Beaver, John
Beaver, Thomas
FAIR GROVE—†Fairgrove Mfg Co (Large)
Smalling, C. S.
Wise, J.
FARWELL—Black, D. S.
Breed, Chauncey
Dudley, Andrew
FAWN RIVER—Eckerson, L.
McLaughlin, J. A.
FENNVILLE—Hulbert, Loren
Schaffer, J. W.
FENTON—Abbey, F. L.
Brock, G. F.
Cramer, P. H.
Green, James
Holland, T. J.
Neely, C. E.
Owen, John
Smith, W. H.
Vosburgh, B. A.
FIFE LAKE—Adams, N. S.
Green, F. W.
Tracy, B. F.
FITCHBURG—Dewey, Z. B.
Mackinder, Geo.
FLINT—Dunbar, J. L.
Frost, A. C.
Glover, J. L.
FORT GRATIOT—Augustine, J. H.
Bragg, Wm.
Kaumeier, J. C.
Kaumeier, Lemuel
FOWLERSVILLE—Chapman, J.
Cobbley, Lewis
Reese, Jas.
Roberts, Geo.
Wert, H C.
FRANKENMUTH—List Bros
Roth, Christof
FRANKFORT—Allen, Geo.
Allen & Wagner
Wagner, Chas.
FREEPORT—Myers, Jno.
Wolf, F.
FREMONT—Clark, Wm.
Hawkey, C. I.
Seymour, G. C.
Thompson, Willard
GAINES STATION—Brown, G. W.
Crofoot, F. F.
GALIEN—Wheaton, Reuben
White, J. D.
GARDEN—Fountain, D. D.
Lemere, Napoleon
Truckey, Geo.
GAYLORD—Cook, Nelson
Fredrickson, Jorgen
Power, N. J.
Stofer, D. P.
GERMFASK—Russell, John
GILEAD—Hathaway, S. D.
McKinley, John
GIRARD—Johnson, G. W.
GLADSTONE—McWilliams, James
Sipple, R. H.
Witz, Jacob

GLEN ARBOR—Clark, W. A.
Dailey, Jas.
Harwood, A. H.
GLENDALE—Shear, J. A.
White & Rich
GOBLEVILLE—Ferguson, W. H.
Green, Ernest
GRAND BLANCK—Alvord, James
GRAND HAVEN—Harvey, Geo.
Stuiveling, Arena
Stuiveling, Simon
Stuiveling & Glerum
Van Loo, Wm.
GRAND JUNCTION—Merrill, Burt
Sweetland, A. C.
GRAND LEDGE—Huddleson, Samuel
Kelley, John
GRAND RAPIDS—†Ackerman, Jno. B., 120 N Union
Adams, C. H., 137 Travis av
†Barth, Geo. J. & Son, 407 2d
Barth, Wm., 610 Lake av
†Boyes, D. W., 275 Stocking
Brander, Reinder, 52 Ohio av
Cadwell, H. M., 180 2d
Camp, C. F., 1056 5th av
Campbell, Thos., 226 Clancy
†Campbell-McNabb Co., 145 N Ottawa
Courson, C. M., 812 5th av
Curtis, E. S., 64 Dunbam
Curtis, Jas. & Co., 56 Monroe
†Davidson, G. H., 228 Houseman bldg
Decker, E. W., 233 N Ottawa
†De Nio, Geo. Co. (Large), 163 N Ottawa
Dipple, C. W., 336 Thomas
Doran, W. H., 1026 5th av
†Fisher, J. H., 204 N Ottawa
†Foster, C. B., 183 S East
†Fletcher & Van Artsen, 42 Packard
†Gentz Bros., 37 Springfield av
Gibney & Son, 819 Garden
†Gulliford & Richens, Houseman bldg
†Hauser, Owen & Ames, 121 N Ottawa
†Haven, J. F., 258 Alpine av
†Hayden, Appleyard & Co., 90 N Ottawa
Hendricks, John, 170 Cass av
Hodson, J. C., 5 Ashland av
†Hoertz, Chas. & Son, 18 Porter blk
†Hulbert & Son, 514 S Union
†Jungbacker, Jno., 70 W B'way
†Kennedy, P. J., 1089 Jeffn av
Kuipers, Henry, 164 Alpine av
†Mohnke, A. W. (Large), Porter blk
Morgan, Albert W., 204 Dale av
Newhof, Thos., 22 Barth
†Newman & Davis, 468 S Division
Ocker, S. H., 78 Mt Vernon
Olree, Jno., 271 Palmer av
Oltman, L. P., 85 Kalamazoo av
Oom, Adrian, 133 Cass av
Parmelee, C. F., 36 Mechanic
†Pelton, C. H., 54 Lake av
†Rowson, Jno., 334 Paris av
Sahm, Elias, 860 S Division
†Smith, G. S., 99 N Ionia
†Stewart, W. H., 929 Stewart av
Vanderbee, Cornelius, 365 Grandville av
Vander Meer, Geo., 614 E Fulton
Vander Molen, Jacob, 632 Grandville av
Vander Molen, Joseph, 275 4th av
Verheek, G. A., 269 Turner
Wade, Edward, 38 Carrier
Whitmer, H. K., 155 Henry
Woodard, Chas., 154 Clinton
Young & Tubbs, 160 N Ottawa
GRANDVILLE—Foster, Jas.
Graham, John
Hibbard, Chas.
GRAYLING—Havens, Wright
Waldron, D. S.
GREENFIELD—Brown, John
Monnier, W.
GREENVILLE—Backus, Edw. E.
Chandler, George
Flowers & Glivson
Taylor, Jas.
Traver, W. M.
GREGORY—McClear, T. P.
Moore, John
GROSSE POINT—Cadieux, Isidor
Kerby, J. A.
Moran, Fred
Reno, Edw
Reno, Wm.
Tucker, E. J.
GROVE—Hotell, D.
HADLEY—Sweat, Saml.
Williams, Geo.
Yates, David
HAMBLEN—Phillips, Geo.
Sprague, H. S.
HAMBURG—Cunningham, J.
Sawyer, A. J.

HANCOCK—Francis Bros
Griff, John
McCarty, John
†Washburn, Daniel
HANNAH—Day, W. S.
Tompkins, Cameron
HARBOR BEACH—†Wellock, Robinson (also Planing Mill)
HARBOR SPRINGS—Judd & Sons
Rouse, S. J.
HARRIETTE—Daley, Jas.
Dell, Durphy
Kaley, O.
McCreary, H. E.
Mansfield, James
Snapp, G. T.
Snider, L. A
HARRISVILLE—Emerson, Geo.
Kibbie, H. C.
La Chapelle, Geo.
Southgate, Robert
HART—Billings, W. A
Carey, John
Collins, T. J.
Servis & Mason
HARTFORD—Challans, Wm.
Chandall, J. C.
Shepherd & Son
HAZLETON—Lee, H.
Lighthart, Joseph
HENRIETTA—Bates, Wm.
Fleming, Jas.
HIGHLAND STATION—Fox, J. B.
St. John, Enos
HILLMAN—Beckler, Adam
Hunt, James
Oswell, Christian
HILLSDALE—Baer, E. C.
Castle, Hiram
Fowler, A. F. & Son
Mead, H. B.
Stone, W. J.
Warn, Henry
HOLLAND—Dallman, Geo.
Huntley, Jas.
Kleyn, J. R.
HOLT—Douglas, Alfred
Thorborn, J. D.
Thorborn, J. R.
Thorborn, T. M.
West, Jacob
HOLTON—Neil, A. J.
Sevenson, Severt
HOMER—Snider, A. V.
Snider, John
HOMESTEAD—Johnson, H. W.
HOUGHTON—Berthold & Grigon
Cundy, J. G.
Gibbs, Chas.
†Grignon, Antonie
McCurdy, J. C.
McCurdy, Wm.
Rashleigh Bros
HOWARD CITY—Bennett, Joseph
Carpenter, J. G.
HOWELL—Brown, R. H.
Hugger, G.
†Wright, John W. & Son (also Planing Mill)
HUBBARD LAKE—Early, James
Scott, W. F.
HUBBARDSTON—Barker, F. J.
Frink, G. H.
HUDSON—Aldrich, Welcome
Gowan, A.
Munger, Jno.
Nichols, D. D.
Pettit, Daniel
Pomeroy, Henry
Spaulding & McQueen
Walker, A. S
HUDSONVILLE—Barnaby, C. H.
Densmore, L. E
Leinacre, Wm.
IMLAY CITY—Bolton, John
Bolton, John
Curtis, M. A.
Hagadorn, John
Kedder, Geo.
Shepard, Hy.
Steinberg, Irving
INDIAN RIVER—Downs, T. J
Hamper, Lewis
McGrew, Jas.
Raymond, P. D.
IONIA—†Bronhagel, F.
†Crookshank, Somers & Co. Inc. (Large)
†Thomas & Corbett
†Waidleich, Jno.
†Waterbury & Sommers
IRON MOUNTAIN—†Meyer, Robt.
†Parmelee, N. P. & Son
Sweet, W. H.

IRON RIVER—Cummings, Albert
De Grasse, Lorenzo
IRONWOOD—†Darrow, E. A.
Hazeltine, Albert
Kumm, Wm.
IROQUOIS—McKay, Hector
Vanluven, Calvin
ISPHEMING—†Grip, E. E. & Co.
Palmer, F. E.
†Regnstrom, Chas.
Vanchesteing, John B.
ITHACA—Bahlke, E. G., Jr.
Baker, C. H.
Beckwith, W. C.
Carr, Wm.
Coles, R. W.
Kinkerker, Fred
Murray, Geo.
JACKSON—†Alexander, W. A., 139 W Main
Barnes, Benj. C., 209 S Waterloo av
Dairs, Geo. H., 406 Stewart av
†Doig & Riley, 431 N Jackson
Doig, D. Jno. (also Planing Mills)
Dool, James, 221 Harris
Hastings, Wm. J., 224 Maple av
Howland, C. A., 15 Dwight bldg
†Knickerbocker, Geo., 229 E Wash'n
Lake, Robt., Liberty & Milwaukee
Leevar, F. O., 719 Greenwood av
Longcor & Hansett, 206 S Elm av
Newkirk, Edwd. T., 314 N Jackson
Pickles, Samuel, 303 S Water
Reattoir, C. P., 5 Merriman alley
†Schmid, Herman, 515 E Main
Shea, Daniel, 743 Kennedy
†Sweet, Nelson M., 416 W Gorman
Wright, Jas. H., 1315 E Main
JASPER—Drake, Hy.
Hubbard, J. H.
JEFFERSON—Cox, Sherman
Hannibal, J. B.
JENISON—Bush, H. S.
Defendorf, Frank
Rittama, Jacob
KALAMAZOO—Biggerstaff & Atkins, 210 Main
†Bosman, John C., 701 Davis
†Brundage, O. W., 522 Eleanor
Caster, Jno. A., 812 Cobb av
Crowell, Edwd. B., 500 Douglas av
De Ryke & Poth, 920 Boerman
Dodge & Curtis, Farmers av
Doyle, Jas., 122 N West
Flagg, Oliver B., 519 Pearl
†Flaitz, Frank, 613 Summer
Gallup & Loughead, Israel blk
Harrison, B., 630 Edwin av
†Huwiler & Frobenus, 726 N Edwards
†Manning, E. J., 502 Stanwood
Putnam, Lewis B., Jr., 524 Wheaton av
Roskam, Aric, 203 Emerson
†Shannon, Wm. H., 719 W Willard
Walton, David, Sr., 810 Wheaton av
Welsh, Wm. L., 115 W Dutton
†Wheaton, U. D., 531 W Ransom
Zeedyk, H., 909 Davis
KALKASKA—†French, N. A. & Son (Large)
Totten, L. P.
KESWICK—Eckman, E.
Oleson, O. M.
KILLMASTER—Glover, J. P.
KINGSLEY—Halliday, F. L.
Lamkin, Edwin
Madison, G. B.
Putnam, James
KINGSTON—Depew, L. N.
Milliken, Andrew
Ryckman, Jonathan
KINNEY—Almy, Thomas
LAFAYETTE—Benson, William
Lenox, P. P.
LAINGSBURG—Dodge, F. M.
Galligan, John
Higgins, William
Huntsburger, Adam
LAKE LINDEN—Elliott, W. R.
Faull, J. H.
Therrin, Charles
LAKEVIEW—Cornwall, H. C.
La Rue, J. W.
LAMBERTVILLE—Allen, Jas.
Hartz, J.
LAMONT—Fuller, A. M.
Hill, George
Lynn, Elbert
LAMOTTE—Garden, Smith
Hobson, James
Hulbert, M. D.
Innes, James
LANGSTON—Clark, H. T.
Knapp, Oscar
L'ANSE—Counting, Joseph
Trudeau, George

LANSING—Allen, J. W., 514 Sycamore, S
†Blasius, J. W., 109 Larch, S
Crandall, C. O., 822 Allegan, W
Daman, C. C., 910 Walnut, N
†Hgammeir & Openlander (Large)
†Jackson, Andrew, 308 Capitol av, S
†Kohler, Geo. J., 914 Walnut, N
Park, J. Q., 1108 Washington av, N
Sullivan, Jno. B., 712 Capitol av, S
†Stoll, Fredk., 1208 N Pine
LAURIUM—†Bray, Nichols S. (Large)
LAWRENCE—Stearns, Sidney
LAWTON—Baker, Andrus
Smith, M. H.
LAYTON CORNERS—Emmondeefer, Anthony
Hendling, Adam
Laux, Joseph
LEESBURGH—Eames, James
Phillips, U.
LENOX—Hare, William
Lindke, Albert
LE ROY—Grant, C. H.
Wilcox, Wm.
LESLIE—Baker, H. L.
Barnes, Edward
Bedell, Charles
Ellwood, William
Landfair, Lon.
Stilson, E. B.
Waggoner, G. H.
Warfield & Sons
Wheeler, T. B.
Young, John P.
LEXINGTON—Kessel, Frank
Pleasley, James
LINDEN—Boyd, A. M.
Brooks, Samuel
LOGAN—Long, Isaac
Sees, Hiram
Seese, S.
LOWELL—Aldrich, H. B.
Barber, Alec.
Burbick, E. S.
Culver, Alonzo
Finch, V.
Johnson, Gillferd
Packard, R.
Vanderlip, Berel
Wilson, B. G.
LUDINGTON—Aubrey, O.
†Boerner, Chas., 310 St. James
†Boerner, Geo. F.
Marburger, S. C., 614 N James
Saulsbury, William
Short, Thos., cor Lavinia & Danaker
†Tiedmann, August, 301 S Charles
Widmark, H. P., 247 E Dowland
LUM—Aldrich, R.
Stover, Daniel
Woodley, M.
LUTHER—Beckwith & Ward
Trimmer, George
LUZERNE—Delisle, Nelson
Rice, H. S.
LYONS—Huston, William
Steadman, T. A.
M'BAIN—Dunham, O. O.
Thomas, S. F.
M'CLURE—Daniels, W. W.
Ellis, Lewis
MACKINAC ISLAND—Couchois, Alfred
†Dewey & Bailey
MACON—Hendershott, Martin
Jackson, Richard
Jackson, J. L.
MADISON—Bunting, E. A.
Gurden, Richard
MANCELONA—Carlson, John
†Mancelona Mfg. Co.
Priest, C.
Underwood, R.
MANCHESTER—Field, J. D. & Son
Kramer, Joseph
Wetherill, Benjamin
MANISTEE—Magnam, F. X., 337 4th
†Newcomb, R. J. B.
Rabbery, Thomas
Smelling, Wm.
Tennant, Wesley, Cedar s of limits
MANISTIQUE—Larsen, John
Mosher, John
Ramsey, William
MANTON—Hollis, Frank
McLaughlin, William
MAPLE CITY—Berry, Charles
Cook, William
MARCELLUS—Avery, E. F.
MARINE CITY—Hornbustle, W. G.
Hornbustle, W. G.
Howard, Albert
Kinyon & Co.
Lipscomb, William
Robinson, James & Son

Scott, Adam
Zimmerman, C. F.
MARION—Benedict, George
House, Henry
McDonald, A.
Oleo, S. B.
Sprague, A.
MARLETTE—Little, George
McFarlane, Robert
Macklem, Benjamin
MARQUETTE—†Anderson & Andrew
†Gregory, H.
†Sinclair, J.
†Van Iderstine, C. C.
MARSHALL—Balcolm & Roer
Beals & Mann
Cummings, Eugene
King, J. P.
Thunder, George
Witmore, Isaac
MARSHVILLE—Curtis, Eli
Morse, Charles
MARYSVILLE—Rhadigan, James
MASON—Curry, S. R.
Desler, Jacob
MATHERTON—Frank, D. B.
Ludwick, J. H.
MATTAWAN—Beardslee, Ransom
Tuttle, J. F.
MAYFIELD—Evans, H.
Rollo, Peter
MAYVILLE—James, J. W.
Titus, Christopher
MEMPHIS—Hoffman, John
Wayte, Frank
MENDON—Caldwell, James
Pomeroy Bros.
MENOMINEE—Bang, Wm., 812 Stephenson av
Brown, W. M., 1323 Main
Golucke, Charles, 518 Stephenson
Keifer, J. F., 807 Spies av
Larson, N. A., 2400 Broadway
†McGillis, Angus F., 419 Ludington av
Maass, Frederick, 700 Baker av
†Oberkircher, Frank, 318 Ogden av
Place, E. C., 508 Taylor
†Spaulding, E. P., 807 Ogden av
Trafford, F. R., 805 Stephenson av
Whitehorn, Abram, 1008 Stephenson av
MICHIGAMME—O'Neil, Michael
Schwetzer, Louis
MIDDLETON—Payne, J. A.
Still, Dwight
MIDLAND—Bacon, Asa
Carpenter & McDonald
MILAN—Jackson, A. D.
Whitehead, Asa
MILFORD—Lowell, H. A.
Palmer, Wm.
Tower, Ibrook
MILLETT—Ward, Thos.
Woodward, M.
MILL GROVE—Beverly, C. H.
Durand, Hy.
MILLINGTON—Ream, Benj.
MONROE—Schmidt, Philip & Son
Sterling Mfg. Co.
MOOREPARK—Carter, N. B.
Grinder, Ezra
Nolf, W. S.
MORENCI—Horton, B. F.
Negus, G. W.
Smalley, F. P.
MORLEY—Anderson, A. C.
Smith, O. J.
Whaley, Chas.
MORRICE—Howard, H. A.
MOTTVILLE—Ferguson, T. H. B.
Knops, William
Smith, John
Wiley, C. F.
MT. CLEMENTS—†Brehler, Albert
Gutschow, James
†Slocum, George A.
MT. MORRIS—Adams, Lewis
Herrick, Austin
McCulloch, W. R.
MT. PLEASANT—Hidey & Newton
Lloyd, W. H.
Whitney Bros.
MUSKEGON—†Burk, Wm., 5th & Barney av, M. H.
NADEAU—Caron, Alphonse
Harmon, William
Vailliancoure, Francois
NASHVILLE—Walrath, Hiram
Wolcott, H. W.
NAUBINWAY—Gallagher, C. B.
Wood, George
NEGAUNEE—Driscoll, C. B.
Steel, Samuel
NEWAYGO—McComb, A. A.
Miller, R. D.
Pitwood, John

NEW BALTIMORE—Burgess, Cornelius
Furlah, Enos
Hubbarth, Frank
Marcereau, John
Wilson, Joseph
NEWBERRY—Campbell, D.
Main, Alex.
NEW HAVEN—Barrett, Seymour
Green, Roswell
NEWHAVEN CENTRE—Evans, Jerome
Hedding, G. W.
Tead, James
NORTH BRANCH—Bowers, Charles
Johnson, Arza
NORTH DETROIT—Methner, John
Mills, Ira
Sweet, R. W.
NORTHPORT—Dame, E. T.
Thomas, William J.
NORTHVILLE—Blair, W. W.
†Bovee, Marvin
†Lanning, Wm. J.
Louden, Levi
Waid, Henry C.
NORVELL—Lowry, W. B.
Pratt, Joseph
NORWAY—Blomgren, J. E.
NOTTAWA—Bowersox, Miles
Wellington, F.
NOVESTA—Gooden, C. F.
Wentworth, E.
Wheaton, Charles
OAKLAND—Meynard, John
Petten, H. H.
Schraa, Benjamin
Walters, S. G.
OAKLEY—Downer, A. P.
Harpham, Joseph
ODEN—Luce, C. E.
Ruggles, Norman
OLIVET—Gilbert, Whitney
Plumb, George
Savory, John
OMENA—Anderson, C. G.
Vanholt, Henry
OMER—Gillus, Jesse
Munich, John
Topp, Wilhelm
ONEKAMA—Harmer, Fred.
Telford, A. L.
ONTONAGON—Cane, Edward
Covillion, Thomas
Eichen, F. C.
Johnson, Mr.
Ross, Duncan
Winters, Henry
ORION—Beardsley, G. W.
Stanaback, P. S.
Willis, Chester
ORTONVILLE—Eaton, G. P.
Rathbun, William
OSHTEMO—Baker, A. J.
Drummond, William
OTISVILLE—Digns, John
Lossing, Frank
Rawlings, Edward
Taylor, William
OTSEGO—Kelly, J. D.
Stuck, C. F.
OTTAWA STATION—Fletcher. H., & Sons
OTTER LAKE—Barridge, G. W.
Haddon, C. P.
Hoard, Elisha
Lockhart, J.
Sheldon, R. H.
Sickner, William
Snyder, C. L.
Van Duzer, Walter
OWOSSO—Ball, Nathan
Burnett & Beswick
†Edwards, G. M.
PALMYRA—Finn, S. J.
Turrell, C. H.
PALO—Percival, J. C.
Reimer, William
PARIS—Furney, William
Judkins, James
O'Brien, Patrick
PAW PAW—Brown, J. M.
Curtis, Ella
Davey & Ocoback
Page, J. J.
Walker, J. H.
PENN—Arnold, Jesse
Wright, J. G.
PENT WATER—Henry, Jos.
Williams, V. M. & Co.
PERE CHENEY—Odell, E. M.
PERRINGTON—Norton, Warren
PERRY—Halstead, N. A.
PETERSBURG—Arnold, William
Sayre, G. C.
Trombley, William
PETOSKEY—Darling, S. & Son
Gray, Jos.
Sibert, P. L.
Wells & Kirby
Worth, M. S.
PIERPORT—Elliott, Jas.
Elliott, Samuel
PIGEON—Maier, Charles
Pfaff, Conrad
PIKE'S PEAK—Barrows, William
Osband, L. R.
Schunk, W. R. H.
PINCKNEY—Drown, Jerome
Grimes, Samuel
Harris, W. H.
PINCONNING—Whitney, J. H.
PINE RUN—Field, D. T.
Parker, William
PIPESTONE—Bowman, J. J.
Hess, W. A.
PLAINFIELD—Mapes, George
Vogtes, Fred.
PLAINWELL—McGrady, Jas.
Morris, T.
Truitt, J. W.
Whitcomb, J. D.
PLYMOUTH—†Beatty, Jno.
Robinson, W.
Smith, Morris
Vrooman, M. A.
POMPEII—Dobson, Archie
Jolly, C. P.
Westbrook, Frank
Worts, John
PONTIAC—Barling, John
†Dewey, W. A.
†Heitsch, Hubert
†Marsh Bros.
†Slater, O. A.
PORI—†Mullen, Henry
PORT AUSTIN—Davis, William
Nash, George
PORT HOPE—Miles, J. E.
Moore, W. J.
PORT HURON—Cady, L. E.
McMonagle, Timothy
†Marcotte, Elias R.
†O'Sullivan, Jas. (Large)
Pennebaker, Jas. J.
†Sheldon, Chas. R.
PORTLAND—Chappel, W. N.
Morehouse & Verity
Ramsey, S. S. & Co.
PROVEMENT—Mosier, Leo.
Danmondson, Simon
QUINCY—†Dove, Elmer
†Jerome, Edw.
†Wilbur, Albert
RANKIN—Lawrence, E. F.
RANSOM—Brown, J. L.
McGowan, Thomas
RAVENNA—Fox, O. W.
Merrick, D. J.
Patterson, James
Plumhoff, Fred.
REDFORD—Moore, O. D.
RESCUE—Carroll, Frank
Carroll, James
Hare, J. H.
Turner, Wesley
REW—Neller, Valentine
Potter, Warren
Steele, Myron
RICE CREEK—Sears, Clayton
Simonds, M.
RICHMOND—Allen, Nelson
Wheeler, H. M.
RIDGEWAY—Arner, J. D.
Linn, Daniel
RIGA—Bode, Herman
Ricklan, Matthew
ROCKFORD—Forrest, David
Lumore, Charles
Underhill, C.A.
ROGERS—Crow, T.
Kuhlman, E.
Kuhlman, L.
Kuhlman, M.
ROMEO—Bickford, R. M.
Lyons, E.
ROMULUS—Armstrong, Wm.
Davis, Jas.
Hall, Albert
Newington, Geo.
Parry, Griffith
ROSE—Hicks, Chas.
Miller, W. G.
RUTH—Frank, L.
Kramer, H.
Wyerkowski, J.
SAGINAW—†Armstrong, Wm. A., 1444 Genesee av
Bamford, Jno. F., 546 S 5th
†Boergert, Fred, 136 N 5th, E. S.
Brock, Thos., 129 Farwell
†Davies, J. C., 924 Genesee av
Decker, Jas., 2308 S Wash'n av
†Gelinas, Alexis, 527 Hill
†Heinemann, M. C., 1114 Carroll
Henderson, A. G., 210 Porter
†Hendrick, Roger C., 736 Owen
†Mutscheller, Michael, 136 Mott, E. S.
†Nickodemus, J. P., 1300 Jones av
†Parth, John, 317 N. Weadock av
Pinkerton, Wm. E., 1506 Carroll
Rock, John, 227 S Mich. av
Ruff, Jno. M., 410 S 4th av
Schorfheide, Wm., 216 S 9th
†Shimmons, Thos., 529 N Porter, W. S.
†Spence, Hugh & Bro., 418 Holden
Spindler, Jacob, 407 N Hamilton
Taub, Frederick, 400 N Hamilton
Van Slyke, Benjamin, 719 Johnson
Zwerk, G. C., 922 Fitz Hugh
ST. CHARLES—Annis, Truman
McNiele, Frank
Shepan, C. L.
ST. CLAIR—Fischer, Herman
Schenricker, F. J.
ST. IGNACE—†Daniels, Frank A.
Daniels, Jos.
Rutherford, Robt.
ST. JOHNS—St. Johns Table Co.
ST. JOSEPH—Johnson, J. H.
Reeves, G. W.
Stock, M.W.
Williams, Charles
ST. LOUIS—Lord, H. L.
Weeks, M. B.
SALINE—Briggs, Orrin
Moore, S. H.
Rentchler, Matthias
Simmons, W. D.
SANFORD—LANE, Chas.
Utter, Benj.
SANILAC CENTRE—McLaughlin, Jas.
Warner, Charles
SARANAC—Barber, J. C.
Chadwick, R. H.
Townsend, Isaac
SAUGATUCK—Hames, G. H.
Hancock, Philip
Pond, J. M.
SAULT STE. MARIE—†Hunt, Marshall
†Irvin, J. B.
†Lipsett, Sinclair (Large)
†Shirley, M. J.
†Swcatt, J. B. & R. C.
SAWYER—Brant, P.
Wilson, H.
SCHOOLCRAFT—Budrow, Frank
Ferguson, W. E.
SEBEWA—Baughman, J.
Baughman, M.
SEBEWAING—Rothfus, Jacob
Schubert, Robert
Zimmerman, John
SHELBY—†Carroll, G. W.
Hopkins, J. L.
†Kern, Frank
SHEPARDSVILLE—Carens, Henry
Doyen, Anson
Longcor, Jas.
Longcor, Oscar
SHEPHERD—Clay, Allen
Harry, M.
Keith, Marion
Kilmer, Israel
Johnson, Frank
Stilgenbauer, Henry
Stilgenbauer, Philip
SHERMAN CITY—Davis, I.F.
Leek, R. H.
Markle, J. A.
Melvin, Retan
SHERWOOD—Swain, Frank
Zimmerman, Levi
SIDNAW—Campbell, J. D.
Morris, W. J.
Sanders, Frank
Thornton, R. M.
SIGEL—Brown, N.W.
Morgan, Charles
SMYRNA—Buell, L. S.
Campbell, E. R.
Northway, George
SOMERSET—Roberts, Colin
Wilcox, Amasa
SOUTH BUTLER—Curtis, N. J.
Holmes, W. D.
Howe, Abasalom
Ramsdell, Frank

SOUTH GRAND RAPIDS—Howell, Milton
SOUTH HAVEN—†Crawley & Randall
†Letson & Griffin
Randall, Addison
Randall, Cornelius
Sisson, J. H.
SOUTH LYON—Goodle, M.
Hipple, Waldo
Hodgeman, J. T.
Tucker, Frank
Walter, F. & Sons
Whipple, Waldo
SOUTH RILEY—Kennedy, Jas.
Monroe, Charles
Stevens, H. H.
SPALDING—Labre, T.
SPARTA—†Clifford, Fred.
†Covert, Richard
SPRING GROVE—Bixler, Forest
SPRINGPORT—Bennett, B. N.
Briderstein, A. O.
Briderstein, F. A.
Carrington, C. L.
Cranson, C. J.
Gardner, H. L.
Heiser, S. P.
SPRINGVILLE—Alderdyce, Samuel
Bennett, Luke
Fellers, Frank
STALWART—Kinghorn, Robert
Sims, G. W.
STANDISH—Wellington, James
Wheeler, J. G.
STANTON—Fax, F. E.
Gage, J. F.
STEINER—Calkins, Edw.
Kohler, L.
Stumpmeyer, William
STIRLINGVILLE—Dexter, John
McDermid, John
STOCKBRIDGE—Ellsworth, Samuel
Haire, Hiram
STONY POINT—Glake, John
STRICKLAND—Benckley, E. A.
Green, Lewis
Hapner, H. B.
Jordan, John
Knight, Asher
Wooden, Thomas
SUNFIELD—Eldred, John
Hoover & King
McGuire & Reder
Trifagle, B. T.
TAYLOR CENTRE—Koth, Fred. & Aug.
TECUMSEH—†Kempf, Geo. J.
Keyser, Horatio
†Smith, Chas. D.
Omens, W. J.
†Van Winkle, A. S.
TEKONSHA—Demarest, H. & Foster Bros.
Foster, Edwin
THOMPSONVILLE—Hyatt, J.
Lucas, N.
THREE RIVERS—†Maxon, M. L.
TIPTON—Billington, Alonzo
Kimble, James
Pawson, C. C.
Smith, R. F.
Smith, W. A.
TOPINABEE—Buff, Jonathan
Davis, Henry
Goodrich, D. D.
McDonald, J. D.
McLaury, Wallace
TRAVERSE CITY—†Brown, W. L.
†Coleman, G. W.
†Moulton, Thomas
†Putnam, Frank
Tongue, A. H. & Co.
TUSTIN—Brink, Irwin
Somers, A. N.
TYRE—Des Jardins, J. M.
Sparling, Peter
UNION HOME—Hyde, John
UNIONVILLE—Russell, John
Wilson, S. H.
UTICA—Lee, J. H.
Runyan, John
Wentworth, Lyman
VANDALIA—Ely, Edwin
VAN DECAR—Sherwood, B. F.
VASSAR—Banghart, Theo.
Bradley, Alfred
Dailey, A. T.
Gibson, Charles
Swift, John
Wells & Holland
VERMONTVILLE—Allen, D. W.
Rawson, Edgar
Young, David
VERNON—Randolph, H. W.
VICKSBURG—†Clapp Bros. (Large)
Rapp, Wm. J.
Richardson, Jere C.
Robinson, E. J.
Stratton, James
Strome, E. C.
VINELAND—Hawkins, H.
Johnson, G.
WADHAMS—Berringer, John
Kipp, Isaac
WALDENBURGH—Berger, T. J. F.
Kandt, Henry
Webber, William
WALDRON—†Adaduska, C.
†Depner, Wm.
†McFarland, Wm.
†Staples, Wm.
WALES—Cameron, John
Cowles, Ebenezer
Signer, Benjamin
WALTON—Sauster, Eugene
Smith, Zacharias
WARREN—Ames, Milo
Tharrett, R.
Walker, George
WATERFORD—Chamberlain, Fred.
Chamberlain, Wm.
Ladson, W. F.
Phillips, M. R.
WATERVLIET—Martin, Isaiah
Pitcher & Blackman
WATROUSVILLE—Farnaim, Wm.
Hatch, J. A.
WAYLAND—Quinlan, Fred.
Richardson, W. B.
Smith, E. R.
Van Valkenburg, Lambert
WAYNE—Kelley, Don
Warner, Otis E.
WEBBERVILLE—Riker, John
Silsby, Henry
WEST BAY CITY—†Burd, Sylvester, 405 N Centre
†Harrison, Geo., 307 S Henry
†Harrison & Minaker, 1010 N Henry
†Millar, A. R., W Midland & Euclid av
†Pfeifer, J. E., 505 N Chilson av
†Ryan, D. L., 305 Catharine
†Schmidt, A. E., 512 N Chilson av
†Spear & Roese, 608 N Chilson av
†Stringer, Robt., 712 N Dewitt
WEST CARLISLE—Wildman, D. S.
WEST CASCO—Updike, Albert
Updike, Albert
WEST OLIVE—Marble, Wm.
Mountford, Samuel
WESTON—Pickles, E.
Roney, J. B.
Youngs, William
WETZELL—Smith, W. N.
Weiderbolt, Henry
WHITE OAK—Carter, Z.
Crandle, E.
WHITE PIGEON—Peck, Birdsey
Shade, Wm.
WHITTEMORE—Gouple, Napoleon
Lindsay, Joseph
McKay, George
WICKWARE—Burt, H. B.
WILLARD—Jageno, Otto
Naeser, Benj.
WILLIAMS—Garrison, A. L.
Hopkins, E.
WILLIAMSTON—Higbee, H. E.
Whipple, Herbert
WILLIAMSVILLE—Cannady, J. N.
WILLOW—Beining, Jacob
Charlesworth, Jas.
WIXOM—Parker, H. J.
Roberts, Wm.
WOOD'S CORNERS—Harrington, E. C.
Pierce, Ezra
Wood, Horace
WYANDOTTE—Belleville, Wm.
Classon, Fred.
Krouder, August
Longtin, Alesium
Stoddard, Harry
YALE—Brown, David
Deemer, Hy.
Goheen, Alfred
Mann, Geo.
Taggart, John
YANKEE SPRING—Buskirk, J.
Duffy, Dan'l.
ZUTPHEN—Geerlings, Jno.
Haveman, Hy.

MINNESOTA.

AASTAD—Bendekson & Son
ADA—Larson, H. L.
Rolfe, A. O.
ADRIAN—Hallas, F. G.
Pass, P. M.
†Timmons, W. E.
AITKIN—Falconer, D. M.
Mead, J. A.
ALBERT LEA—†Frandsen, Jens
†Olsen, Jorgon
†Paine, H. A.
†Sorenson & Kamp
ALDEN—Anderson, H. C.
†Hazel, R. F.
ALEXANDRIA—Alton Bros.
Bunton, H. W.
Wilson, H. H.
ALMA CITY—†Hoverson, Theo.
ANOKA—Case, W. I.
Marsh, Fred.
Pomroy, John J.
†Wasielewski, A. F.
ASHBY—Blakslee, Mason
Stoa, A. O.
Weston, O. J.
AUSTIN—Adams, Jos.
Beatty, Thos.
†Kinney, F. C.
†Leary & Mickelson
Litchfield, G. H.
Martinsen, T.
Thompson & Martin
Vennerstrom, John
BELLE PLANIE—Franks, M. J.
Krieger, Adam
BELVIEW—†Koherr, Fred.
BENSON—Baswell, E. V.
Conaty, Simon
†Hasbrouck, T. K.
BLOOMING PRAIRIE—†Thomas, A. C.
Byr, C. O.
†Byr, O. O.
Mohn, Jno.
Neeson, N. E.
BLUE EARTH CITY—†Lepper, G.
†Tressler & Enger
BRADFORD—Haldin, P.
Smith, A.
BRAINERD—Everett, Alonso
Floyd, S. A.
Fogelstrom P. G,
Harman, S. E.
Kiely, P. J.
Miller, H. C.
Robinson & Rowley
Smiley, D. W.
Wallace, John
†White, C. B. & L. U.
BRANDON—†Melby, E. F.
BRECKENRIDGE—†Anderson, C. H.
Roba, Wm.
BRISTOL—Ogg, F.
Shook, J.
Vanderbee, G.
BROWERVILLE—†Matteson, D. C.
Miller, B. P.
BROWNSDALE—Graves, J. B.
Thatcher, J. N.
BROWNSVILLE—Durs, August
Kneigga, Louis
McCan & Albaugh
Peters, H.
Peters, John
BROWNTON—Arnold, T. C.
Grasinger, Albert
Lloyd, J. A.
BRUNSWICK—Dahlgren, L. O.
Graff, John
Hokanson, E.
Wicklund, Erick
BUCKMAN—Miller, Nicholas
BUFFALO—Cooper, Hamilton
Cooper, Wesley
Hedstrom, John
BUHL—†Nelson, Andw.
CALEDONIA—Knetz, P. M.
Schlitz, Leonard
CAMBRIDGE—†Lund, Joseph
CANNON FALLS—Bancrofe, S. D.
Carpenter, Lester
CANTON—Edinaster, John
Wood, O. D.
CENTRE CITY—Berquist, Aug.
Carlson, Wm.
Stendahl, Peter
CHATFIELD—†Ellis, Wm.
Jones, M. D.
Kingsley, John
Turner, Richard

CLEARWATER—Marvin, S. H.
Newell, G. N.
CLEVELAND—Chambers, J. W.
Greene, E. A.
CLINTON—Larson, P.
CLOQUET—†Bodway, Peter
Gorham, Fred.
†Olson, A. M.
Redfield, F. L.
CORDOVA—Repp, S. C.
CROOKSTON—McLaren, J. B.
†Morberg & Nelson
Sargent & Clark
Walker, W. E.
DAWSON—Elstad, John
DEER CREEK—Hibbard, Everett
Smith, G. R.
DEERFIELD—Johnson, J. K.
Pirkel, Frank
DELAVAN—Bronte, O. O.
Richter, Otto
DELHI—Lagerstrom, C.
DETROIT CITY—†Jacobs, Frank
McGillivray, W. W.
Mereer, John
†Oakley, Charles
DODGE CENTER—Bond, V. C.
Ellis, M. H.
Orcutt, S. R.
Preston, Howard
Senford, E. A.
DULUTH—Anderson & Gow, 123 3d av, W
Bartlett, Harmony, 118 4th av, W
Bergquist Bros., 2032 London rd
†Blowers, E. F. & Co., 21 Lake av, W
†Brown, H. C., 5627 Grand av, W
Dahlman & McDermid, 5804 London rd
†Evans, C. E., 419 Lonsdale bldg
†Grandy, Jno., Burrows bldg
†Hilliard, J. W., 220 W Superior
†Johnson, F. L., 115 E 7th
†Larson, Halvor, 22 N 20th av, W
†Lounsberry, G. H., 332 W Superior
McKenzie & Ross, 127 1st av, W
McNabb & Roberts, 111 E 1st
Maxted, T. A., 111 E 1st
†Molitor, J. D. & Bro., 632 W Superior
†Pearson, Olaf, 207 W 1st
Ramsted & Todd, 11 N 54th av, W
Richardson, J. W., Manhattan bldg
Robert, J. A., Burrows bldg
†Roberts, Alex., 305 W. Superior
†Robitaille, J. A., 627 W Mich
†Schuler, Jacob, 121 W 1st
†Skansen, C., 103 W 1st
†Smith & Vokes, Exchange bldg
†Thorburn, Thos., Palladio bldg
Wickstrom & Hartz, 17 N 5th av, W
EAST GRAND FORKS—†Jarvis, R.
EASTON—†Howard, I. C.
EDGERTON—Steward, G. H.
ELBOW LAKE—†Lauman, Charles.
Miller, J. O.
Thompson, O. K.
ELGIN—Graham, J. H.
Houghton, J. N.
ELK RIVER—Chadbourne, W. F.
ELLSWORTH—†Montgomery Bros.
ELY—Jury, Thomas
ELYSIAN—Chase, J. G.
Shave, E. H.
Zarm, John
EXCELSIOR—Clark, M. D.
Jerolamen, James
McGrath, Robert
FAIRFAX—Christman, Isaac
Christman, Nicholas
Hindermann, Andrew
Purmes & Wagner
FAIRMOUNT—Davis, J. F.
Humphrey & Petrie
FARIBAULT—†Brown & Buer
†Hatch, A. H.
†Jones, W. E.
†O'Connell, J. H.
†O'Neil & Son
Paschall, Jas. W.
†Peltier, C. H.
†Ruggles, Liberty
FARMINGTON—Reeord, E. G.
Reed, F. L.
FELTON—†Fox Bros.
FERGUS FALLS—†Berge, P. L.
†Berge & Hodson
†Horder, T. N.
†Lauritzen Bros.
†Smith, W. Y.
FOLEY—†Luke & O'Connor
FOUNTAIN—DuMohn, F. X.
Sheers, Daniel
†Solie, John
FREEPORT—Hoeschen, Moritz
Micklish, Charles
FULDA—†Miller, Otto
†Ritchie, W. F.
GARDEN CITY—Bruce, Cornelius
GAYLORD—Wenholtz, William
GENEVA—Gay, George
Huggins, E.
GLENCOE—De Leeuw, Cornelius
†Keen, F. W.
Violet, Aug.
GLENWOOD—Aune, John
Hallett, George
Malby, Peter
Simmons Bros.
GOSSEN—Marten, John
Nenzen, John
GRACEVILLE—Burlingame, Henry
McBrady, Robert
McFadden, David
†Shannon Bros.
GRAND MARAIS—Jaekson, Fred.
GRAND MEADOW—Day Bros.
Simonson, Adam
GRANITE FALLS—†Crandall, R. W.
Knox, A. M.
GRANT—Myers, U. S.
Therrien, P.
GREEN ISLE—Dolen, Thomas
Sweeney, Michael
GRUE—Nelson, C.
Waller, J. P.
HASTINGS—Stewart, W. W.
HAY CREEK—Barghusen, John
Oelkers, John
HEIDELBERG—Unger, B. M.
HENDRICKS—†Edwards & Walker
HENNING—†Bogen, L.
Nelson, Martin
Thompson, J. B.
HERON LAKE—†Miller, Otto & Co.
HIBBING—†De Parois, Arthur & Co.
†Shandley, B. F.
HINCKLEY—†Campbell, V.
Craig, William & Son
†Dehm & Block
HOLUM—Holum, S. E.
Iverson, J. L.
INGALLS—Moen K. A.
Wymer, C. M.
IRVING—Borshaim, Andrew
Ditmarson, D.
ISANTI—Lunberg, E.
Swing, Peter
JACKSON—Barrett, Isaac
Chittenden, F. A.
Hanson, Rasmus
Wilson, J. A.
JASPER—†Jasper Stone Co.
Sullivan, F. G.
Tabbert, J. F.
Tabbert, W. F.
KASOTA—Fox, John
KASSON—Billings, Orlando
†Huelster, E. E. & Co.
KELLOGG—Hitchcock, Jas.
Robinson, John
KOST—Carlson, August
Danielson, Gustaf
Erichson, Gustaf
LA CRESCENT—Knapp, J. A.
Wilsey, J. R.
LAKE BENTON—Evans, Jesse
Lafferty, James
Strong, Andrew
†Taylor Bros.
LAKE CITY—Alexander, Ervin
Carlson, Oliver
Corwin, Warren
White, Robt.
LAKEFIELD—Luenberg, J. C.
Rue, H. K.
†Timm, W. F.
LAKEVILLE—Brost, Wm.
†Schaw, H.
LAKE WASHINGTON—Mann, Edw.
†Wildes, F. L.
LAMBERTON—Larsen, Aug.
LANESBORO—Artenston, Enoch
†Ask, O. C.
†Sanders, S. P.
LANGHEI—Aslahson, John
Franze, Geo.
LE ROY—†Garner, F. E.
Nason, Justus
Nason, V. A.
LE SUEUR—Mahler, Diedrich
Wierwill, Hy.
LEWISTON—Dorn, Martin
LINDSTORM—Holt, Peter
Nelson, C. O.
Ostergren, J.
LITCHFIELD—†Crosby, I.
LITTLE FALLS—†Como, Felix
†Harrison, A. Leon
†Mahan, Ed.
†Tulplett, Lewis
LONG PRAIRIE—Morrell, H. H.
Schomaker & Bro.
Smith, C. W.
LOWRY—Hanson, Anton
LUVERNE—Baker, G. W.
Fitzgeralds, Geo.
†Green & Gillham
Minard & Son
MADISON—Anderson, Peter
Davis, Frank
Lindseth, Ole
Opset, Hans
MANKATO—†Day, J. N. & Co.
†Hughes, Richard
†Johnson & Peterson
†Keyser, Clark
†Kleinsehmidt Bros.
†Mahlke, E. & Co.
†Molke, E.
†Nelsen, J. B. & Co. (Large)
†Romer, Theo.
†Wolf, Conrad
†Wysong, P.
MAPLE RIDGE—Nilson, P.
Swedell, C. J.
MAPLETON—Geissendorfer, Jacob
†Ham, J. D.
†Hoskins, C. A.
†Kreagel & Busch
Sanders, Chester
Ware, C. E.
Wishart, W. E.
MARINE MILLS—Liedstrom, Peter
Lund, John
Thompson, Nels
MARSHALL—†Fulton, P. H.
Jones, John
Mallory, J. N.
MARYSBURG—Brennan, James
MAZEPPA—Noel, John
MELROSE—Bussman, Hy.
Longer, John
†Richmond, E. C.
MILLVILLE—Fuller, Hy.
Lamont, Scott
MINNEAPOLIS—Acker, Frank, 2322 Logan av, N
†Anderson, C. M. & Co., 110 S 6th
Anderson, Fredk., 2810 Bryant av, S
†Aronson, Benj., 29 Central av
Bauman, H. J., 55 Highland av
Benson, J. A., 2534 Dupont av, S
†Brecht, Geo. A., 904 S 3d
Bruce Bros., 2605 15th av, S
Buck, J. B., 100 S 1st
†Carlson, J. A., 3611 Cedar av
†Cate, J. N., 816 Nicolett av
Cederstrand, A. & Co., 984 Central av
†Chadwick, L. L., 2934 Nicolett av
Christensen, H. C., 1118 Franklin av, E
Cole, Leroy, 2537 Clinton av
†Conrad, E. W., 3422 10th av
Constantine, J. H., 112 Washn av, N
Cooper, Barelay, 1114 Yale pl
†Craig, W. H., & Co., 415 6th av, S
Crawford, W. M., & Son, 11 S 4th
Dinsmore, F. T., & Co., 111 S 5th
Edmunds, Carl, 2933 Elliott av
†Engquist, John, 24 W Lake
Fall, F. H., 57 S 12th
Farlaak, Jno., 923 N E 2d
Gilman, J. A., 1159 N 6th
Hall, W. J., 422 14th av, S E
Hawkins, J. S., 9 Island Power bldg
Healy, T. B., 3115 2d av, S
†Heaton & Ellison, 1818 4th av, S
Ingham, Henry, 3140 5th av, S
Jabusch, Wm. J., 801 Garard av, N
James, J. H., 13 W 33d
†Jeffries, Edwin H., 816 Humboldt av, N
Jeub, Peter, 1705 N 2d
Johnson, J. D., 1014 Nicolett av
Jones, T. J., 3219 Oakland av
Kaech, A. L., 1718 N 6th
†Kneeland, E., 328 E Grant
†Lammas, W. H., 1909 Aldrieh av, S
Larawa, J. B., & Son, 217 S 5th
Lathrop, T. A., 112 S E 5th
Libbey & Libby Co., 244 2d av, S
Lindhjem, N. A., 1011 Franklin av E
Lindquist, Gustaf, 2529 29th av, S
†Lindsten, Ludwig, 2415 Fremont av
†Loverin, C. W., 2822 Lyndale av, S
Lunquist, A. G., 2540 10th av, S
McDonald, Miles, 121 Plymouth av
†McMillen, F. G., 4 S E 5th
Morong, G. W., 2916 Pillsbury av
Moxley & Wamdersee, 2410 Lyndale av
Reeord, I. B., 2018 Columbus av
Rhode, Erick, 1520 Adams
Richards, Frank G., 501 E 24th
Rolph, C. H., 11 E 26th

†Rydell & Carlson, 2114 Dupont av, N
Simons, C. L., 110 S 7th
†Smith, Wm., 2127 Fremont av, N
†Stout, Jno. C., 3108 Clinton av
Swenson, A. T., 700 Hennepin av
†Tyler & Co., 715 6th av, S
Urquhart, Wm., 1013 4th av, S
Weston, C. J., 58 S 12th
Wilkins, E. K., 247 15th av, N
MINNEISKA—Linstrum, Oscar
Wright, W. E.
MINNEOTA—Paulson, Martin
MINNESOTA—Schram, C. G.
MONTEVIDEO—†Biergert & Son
West, J. B.
MOORHEAD—†Merritt, W. H.
MORA—Eckman, Hugo
MORRILL—Ferguson, George
Ferguson, William
MORRIS—Bailey, J. W.
Bragg, Aug.
†Hancock, Frank A.
†Hancock, W. B.
†Hankinson, N. W.
Hill, E. F.
Mills, T. S.
MOTLEY—Waldron, H. E.
Williams, C. H.
NEBY—Bangen, S. O.
Holsenson, P. O
NERSTRAND—Heinwig, O. O.
Simmonson, Marcus
NEW AUBURN—Gruer, Charles
Ramstails, Frank
Richardson, J. T.
NEW MARKET—Baltes, Christopher
Clemen, B.
Fisher, Peter
Nick, John
NEW ULM—†Klinkhammer, Paul
†Kohler, H.
†Kopp, Hermann
Laetjen, John
†Nagle, Boock & Puhlmann
†Schapekalm Bros. & Co.
†Schapekalm, Herman
NICOLETT—†Hackeratt, A. H.
NIMROD—Harwood, Harley
Williams, B. F.
NORSELAND—†Olson, August
NORTHFIELD—†Lord, D. H.
Miller, Robert
Ryan, Philip
ODIN—Fossum, H. G.
Halvorson, H. J.
OLIVIA—†Hedlund, A. J.
Steadfast, C. J.
Warner Bros.
†Warner, William
ORROCK—Syverson, Hans
Wilson. William
ORTONVILLE—†Carlson, Jno. & Co.
OSAKIS—†Curtis, C. E.
OSSEO—Dubuque, J.
Rodeck, Wm. K.
OWATONNA—†Adsit, C. W.
†Case, W. J.
†Dezill, S. M.
†Goodill, H. M.
†Hammel Bros.
†Jacobson, Nels.
†Lee, H.
†McCleod, N. J.
†Peterson, N. P.
†Reasch, John
†Tesar, Jacob
†Woods Bros.
PAYNESVILLE—Drinkwater & Gerolamy
PELICAN RAPIDS—Logan, K. J.
Steuerson Bros.
Woodruff, D. D.
PERHAM—†Edwards, Wm.
PETERSON—Leithe, A. P.
Mathison, Ole
PICKWICK—Grannis, C. L.
Rutherford, J. F.
PINE ISLAND—Mellinger, E. F.
†Parham & Robinson
Thomas, Theo.
PIPESTONE—†Reader Bros.
†Redmon, G. S.
PLAINVIEW—Gorrell, W. A.
Grieger, L. F.
PLEASANT GROVE—Logan, George
PRINCETON—Briggs, E. A.
Martin, William
PROSPER—Babcock, J. J.
Donaldson, M.
RED WING—Carruthers, C. C.
†Heglund, Chas.
†Johnson, A. J.
†Landeck, John
†Lauver, Isaac
Lindow, Charles
†Longeer, W. J.
†Meisner, H. C.
REDWOOD FALLS—Bryan & Co.
†Dripps, B.
Woodward & French
RENVILLE—Carlson, C. F.
Howe, O. H.
RICHFIELD—Gilmore, Perry
Turner, George
ROCHESTER—†Elliott, D., c Main & Jumbo
†Gustine, L. S., Oakwood st
†Heffron, M.
†Klinber, A. L., 5th st
†Mertens, Fred.
†Olson, Charles, Prospect st
†Parkhill, John, College st
ROLLAG—Engeroick, John
Lee, I. G.
Westby, Karl
RUSHFORD—Knudson, Averk
†Knutsons & Sons
Larson, J. O.
RUSHMORE—†Smith & Stoven
ST. BONIFACIUS—Artiz & Ebert
Logelin, Albert
ST. CHARLES—Bennett, J. B.
Delany, J. H.
Dixon, Simon
Harris, W. H.
Hicks, J. A.
Young, D. D.
ST. CLOUD—†Gruber & Porwall
†Heimann, John
†Hohman, Peter
†Kosshiol, Marolock & Co.
†Kropp, Charles
†Kropp, John
†McGregor, H. & A.
†Raymond, J. H.
†Schellenger, Joseph
†Shroyer, James E.
†Wahl, Ambrose
†Wahl. John J.
†Wright & Smart
ST. JAMES—†Anderson Bros.
Schroeppe, H. W. & Co.
†Schweppe, Aug.
ST. PAUL—Anderberg, P. A. & Co., 399 Selby av
†Ash, Christopher, 270 Maria av
Anderson, Gustav, Moore bldg
Bartels, F. H., 165 Fuller
†Bauman, F. J., 503 N St Albans
Baumeister, L. W. & Co., 1243 Reaney
Berndt, Chas., 911 Fuller
Booth, J. J., 404 N Prior av
†Brandhorst, J. H., 652 Miss
Brown & Dowling, 208 W 5th
†Butler Bros., N Y Life bldg
†Calander, John, 148 8th
Cameron & Co., 719 Ashland
†Carlson, A. J., 441 Sibley
Carlson, J. M., 227 W 5th
Carlson, J. M., 227 W 5th
Conrad, J. H., 929 W University av
Crego, D. H., 1009 Marshall av
†Dahlman, Aron, 53 W 4th
Deeks & Deeks, Natl G A Bank bldg
Donohue, J. H., 58 Gilfillan blk
Dorrance, G. W., 568 Grand av
Eggar, A. H., 368 Dayton av
Fahl, Daniel, 36 Simon av S Park
Fee, Jno. J., 225 St. Anthony av
Fielding & Shepley, 216 W University av
†Fitzpatrick, Thos. & Son, 17 W 9th
†Fowble, C. A., 963 Burr
†Franzen, N. P. & Co., 761 Wabasha
Forrestal-Jame Co., Pioneer Press bldg
Garlough, S. L., 550 State
Gensch, R. Co., Bradley bldg
†Gordy, J. A. & Co., 168 W Wabasha
Gowdy, Chas. N., 214 Thomas
†Grant, G. J., 61 E 9th
†Grierson, T. W., 209 W 7th
Gronewold, W. J., 321 Banfil
†Guertin, Joseph, 20 8th
Hanson, O. L., 449 Wacouta
Harrington, D. D. & Co., 128 8th
Hasslen, John, 649 Sebly av
†Hennessy, P. M. Construction Co., N. Y. Life bldg
Hoffman & Reifler, Bank of Minn bldg
Husby, Thos., 887 Raymond av
Ingemann Bros., 1939 St Anthony av
Ivey Co., 1384 Selby av
Jasper, J. H. & Co., Bradley bldg
Johnson, Chas. A., 726 Marshall av
†Johnson, J. E., 519 St Peter
Jurgens, Julius, 388 Minn
Kay, Henry, 452 Edmund
Kenehan, Wm., 333 W University av
†Klinkerfues, E. F., 618 E 4th
†Koerner, Adolph, 693 Winslow av
Kohlman, Henry, 586 Inglehart
†Krapp & Holm, 224 W 5th
Larson, Albert, 636 Selby av
Larson, Hans P., 450 Bway
Larue, Oscar R., 21 E Fairfield av
Lettan, Aug., 670 Pine
†Linden, A. P., 112 E 10th
Lovens, C. N., 984 E Bayless av
Lund Bros., 62 E 4th
McCubrey, W. J., 332 Aurora av
†McGuigan, Alex., 90 W 3d
Mergens & Rexeisen, 737 Stewart av
Meyer, Anton, 1051 Stryker av, W St Paul
Michels, Peter, 266 W University av
Moore, David W., 902 Edmund
Morath, Jos., 423 Carroll
Morin, Jos. O., 306 Louis
Nelson, Jno. & Son, 734 Selby av
Nevin, John & Son, 282 Harrison av
†Newman & Hay, Cham of Com bldg
Nicholson, S. A., 230 W 7th
Nolan, Jos. P., Conrad & Grand av, S St. Paul
†Norlander, F. C., 1025 Bradley
Oakes, Geo. W. & Co., Drake blk
†Oace, Ole H., 131 Bellevue av
O'Connell, D. E., 301 Selby av
Oerting, J. P., 1717 Blair
Olson, G. W., North & Cable av
Peterson, Emil, 408 Selby av
Peterson, Gustav, 50 W 10th
Pierson, Jacob, 864 W University av
†Porten, Wm. Co., 569 Capitol blvd
†Rankin, Andrew, 484 Selby av
Rauen, F. M., 301 Carroll
Rheault & Martel, 514 Rice
Rheaume & St. Pierre Co., 597 Fairview
†Reardon, Timothy, 567 Temperance
†Rheaume, St. Pierre & Co., 597 Fairview av
†Ries, Geo. & Co., 918 Thomas
Rivers, J. H., 317 Market
Rohde, Jno., 247 W 3d
†Romer, F. J. & Son, 200 Ramsey
†St. Paul Building Co., 209 W 5th
Scharff. J. H., 910 E 6th
Schwalback, Jno., 553 Edmund
Scott, S. N., 595 Sherburne av
Skooglun, Chas., 105 Jessie
Taylor, Matthew, 201 W 5th
Tessmann, H. W., 473 W University av
Thornton, P. H., 23 Gilfillan blk
Trenter, G. C., 630 James
Trodden, A. J., 592 Arundel
Twomey, Andrew, 3d & Franklin
Wallton, Aug., 706 Bedford
Westburg, N. J., 154 W University av
Whitney, M. B., 1013 Cromwell av
†Wicken, F. J. & Co., 228 McBoal
†Wildung, C. P., 323 Van Minden
Zinke, E. W. A., Augusta & Congress av S St. Paul
ST. PETER—†McCabe & Rinkle
†Olson, Albert
†Olson, Gustaf.
†Ribbe, George H.
SANBORN—Carlson, John
Posz, F. C.
Teackel, C. P.
SANDSTONE—†Osell, J. P.
Sutherland, George
SAUK CENTER—Allen, Chas.
Beede, F. D.
†Dimond, F. N.
Fridland, Peter
Larson, Anton
†Suckstoff, Geo. W.
Suckstoff, S. C.
SHAKOPEE—Buch, Frank
†Hameyer, Wm.
Niedenfuhr, Gottlieb
Poetz, John
†Woehling, Aug. & Co.
SHERBURNE—†Burrill, Thomas
SLAYTON—Piper, George
†Young, F. F.
SLEEPY EYE—†McRae, A. R.
†Offermann & Co.
†Steinke, W. C.
SMITH'S MILLS—Pitman, W. S.
Reisenhighter, John
SOUTH BEND—Arundell, Thomas
Laird, A. E.
SOUTH STILLWATER—Hagon, George
SPRINGFIELD—Glock, Edward
Jaehn, Frank
Kenzenbach, Fred.
†Kreitinger & Yeager
†Ochies, A. C.
SPRING VALLEY—Lower, M. P.
Mason, Wm. M.
†Osterund, L. H.
Osterud & Gillickson
Pfremmer, C. F.
†Thayer, E. W.
STACY—Brewer, P.
Polson, Peter

STAPLES—†Batcher, Chas.
Stanley, J. G.
STEPHEN—Fuller, F. D.
Johnson, Gustav
STERLING CENTRE—Fisk, H. M.
Grover, S. M.
Troy, C. C.
STEWARTVILLE—Smith, E., & Co.
Staples, Noah
STILLWATER—Bieging, Wm., 808 W Oak
†Koutz, Herman
Kutz, Aug., 617 W Oak
Luiner, Frank & Co.
Northey, Mrs. Effie, 203 E Myrtle
†Olson, H. O. Co.
Sehmidt, Eugene
†Stewart, W. W.
THIEF RIVER FALLS—†Anderson, A. & Co.
†Burgess, Frank
†McCram, Wm.
Smith, Andw.
TINTAH—Bailey, B. L.
Walden, T.
TRACY—Downing, A. T.
Jones, W. D.
Little, W. H.
Rea, P. E.
Richard, W. J.
TRIUMPH—Harris, H. E.
Perrine, C. S.
TWO HARBORS—Carlson, Chris
†Nordstrom, Chas. F.
†Spurbeck, G. H.
VERNDALE—Allen, W. H. & Son
Pratt, J. W.
Proetor, Ernest
VINELAND—Baldwin, George
Johnson, John
VIRGINIA—Gimse, P. A.
WACONIA—Fols, Aug.
Kolberg, Frank
Sichenelder, Jos.
WADENA—†King, Alex.
†King, William
WARREN—†Erickson, P. O.
Hedman & Olson
†Linder, L. J.
†Nyland, P. J.
†Traey, O. S.
WATERTOWN—Carlson, Frank
Holquist, J. M.
WATSON—Lenner, P. D.
WAYZATA—Braden, R. L.
Swargert, Henry
WELCOME—Alcox, H. C.
Schumacher, P.
WELLS—Falbush, Aug.
Higgins, M. T.
WESELY—Jasau, Thos.
Lapie, John
Wosejpka, John
WEST DULUTH—†Evans & Grandy
WHITE BEAR LAKE—†Davis & Hartman
†Jaekson, W. H.
MeNamara, Michl.
WILSON—Elfman, Chas.
Hertzwarm, Peter
Hormberg, Gustav
Loerch, Edw.
WINNEBAGO CITY—Dagle, Frank
†Christie, T. R.
Ware, G. M.
Weir, G. A.
WINONA—Bartley, Louis, 158 W Wabasha
†Baumgart. Wm., 403 E King
†Behrens, Henry, 353 E Wabasha
Bohn, Conrad, 405 Center
†Bradley, E. A., 1120 W Broadway
Brown, Peter H., 677 Huff
†Clausen & Beseler, 162 Chestnut
Coll, Wm., 466 E 3d
Feidler, Wm., 451 E King
Gage, Daniel, 663 Olmstead
Gates, O. J., 507 Winona
†Grant, E. T., 714 W B'way
†Harders & Gatz
†Huseman, Fred., 627 Grand
†Knopp, John, 978 Sherman
†Meier, C. & Son. 117 Franklin
Motzen, Jno., 674 E B'way
Polzin, Frank, 266 E Sanborn
Proell, Frank, 664 Harriet
Seidlitz, H. W., 565 Sioux
Stahman, H. C., 569 Sioux
Sweazey, J. S., West end Fifth
Trautner, Andrew, 625 E 3d
Wendler, Fred., 1055 W Wabasha
WINTHROP—Johnston & Kregar
Larson, Chas.
Kenegar, Herman
†Larson, Gustav
Lindstone, A. P.
Lundholm, Oskar
†Webster, Chas E.
WOLVERTON—Gibson, Thos.
Simonds, V. W.
WRIGHTSTOWN—Townsend, C.

MISSISSIPPI.

ABERDEEN—†Berg, S. H.
BAY ST. LOUIS—†Sauger, Charles
BILOXI—†Harkness, W. T.
BOONEVILLE—Alexander & Patrick
Bowles—†Bowles, W. P.
CORINTH—Daniels, J. C.
Kirkland, R. L.
Moses, M. C.
New, L. M.
Reitz, A.
DURANT—†Nordquist, Ayon
GREENEVILLE—†Barnes, J. F.
†Harris, J. I.
†Mann, A.
†Neal, W. H.
HATTIESBURG—Brown, T. T. & Son
McDonald Bros.
Pittman, T. P.
Rawles, Robt.
Smith, W. H.
JACKSON—Culbertson, Charles
†Hardy, H. K.
†McGee, Wm. J.
Randle, J. T.
Taylor, H. M.
†Thompson & Hemingway
LEXINGTON—†Heinrich & Lofstrom
†Norquis, N.
LIBERTY—Day, Richard
MERIDIAN—Dobbs, C. H.
†Platt, J. E.
Roberts, W. D.
†Rubush, Chas. M. (Large)
†Wighwirth, J. G.
MONTICELLO—Gray, J. L.
Wilson, Jesse
Worley, O. C.
NATCHEZ—Barker, C. K.
†Kitteringham, W. K.
PORT GIBSON—Dennis, Wm.
Gassin, A. J.
Robbinson, A.
SARDIS—†Johnson, Andrew
†Weller, W. H.
VICKSBURG—†Curphey & Mundy
†Havis Lumber Co.
†Mackey, C. E.
†Mann, L. J.
†Newcombe, Gus. C.
†Spingler, A. & S.
YAZOO CITY—Bushong, F.
†Davis, J. H. & Son
†Glass, W. O.

MISSOURI.

ALBA—Hutchins & Hubbard
McAshland & Pugh
Sweed, John
ALBANY—Edmundson, Joseph
Wilson, Jas.
ALDRICH—Fox & Easley
ALEXANDRIA—McCoy, Chas.
Ruble, Jaeob B.
Scott, R. P.
ALTAMONT—†Elgin & Brown Bros.
ALTENBURG—†Grosse, Jno. F.
†Seibel, C. G.
ALTON—Peace, P. M.
Wilson, D. B.
AMAZONIA—Hobbs, O. S.
Moore, M. L.
AMITY—Wright, E. C.
ANNAPOLIS—Hampton, G. W.
Strothey, W. W.
APPLETON—Bedwell, W. E.
Gerhardt, Julius
ARCADIA—Evans, James
Miller, Louis
ARMSTRONG—Bradley, George
Yancey, Layton
ARROW ROCK—Bingham, W. E.
Stover, William
ASHLAND—Jones, G. B.
Madden, Eli
Madden, S. L.
BALLWIN—†Kling, John
BARRY—Jones, J. W.
Lindsey, George
BAY—Fritzmeier, F.
Wehmboener, Aug.
BELGRADE—Compton, J. M.
Mitehell, A. H.
BELTON—Sprinkle, Archibald
Taylor, Chas.
BENTON—Cannon, Rolland
Doty, A. J.
Leedy, D. H.
BETHANY—Gale, W. H.
Rupe, J. T.
†Sutton, Jno. H. & Son
Ward, E. B.
BEVIER—†Ballenger, Millard
†Chitwood, W. M.
†Riley, Saml.
BILLINGS—Alton, Thornton
Kastendrik, J. H., Jr.
Koeniz & English
Scott, Geo. M.
BLACKWATER—McMahan, W. N.
Shemwell, J. W.
BLOOMFIELD—Brunnon, Felix
Cunningham John
McClard, M. A.
White, Bennett
BOGARD—Fenton, C. L.
Worpph, W. R.
BOLIVAR—Ackerman, Alfred H.
Delaplain, Wm. M.
Stafford, Lewis
†Thompson & Son
Wolf, Jere
BONNE TERRE—Lewis, John
Marshall, Wm.
Mitchell, Wm.
Poston, S. F.
†Tetley, F. I.
BOONVILLE—†Cochran, W. J.
Felten, Jos.
†Roberts, E. H. & Son
Walther, Jacob
Williams, Wm. E.
BOWLING GREEN—Dixon, Jos. M.
†Beasley, N. M.
Mix, J. C.
BRANSHEAR—Sess Bros.
Steele, F. E.
BRAYMER—Gallagher, Thos.
Goffman & Mansell
Zimmerman, W. H.
BRECKENRIDGE—Greenwood, Jas.
Salisbury, Yates
BROOKFIELD—Armstrong, Crozier
Carr, Davis
Remington, J. E.
BRUNSWICK—Boston, Jacob
Carle, Jno.
Mitchell, J. X.
BUCKLIN—Grubbs, Wm.
Herman, Martin
BUFFALO—Hunt, W. T.
†Johnson, W. B. & Sons
Lundy, S. S.
BUTLER—†Deboe, A. E.
†Robinson, Charles E.
†Walden, W.
†Whitsett, I. Y.
†Wier, Alfred
CAINESVILLE—Bebee, N. C.
Omer, Jas.
Reed, A.
Shoemaker, D. M.
CALHOUN—James, J. E.
Slaek, Alfred
Wall, D. M.
CALIFORNIA—Biggs, T. M.
Bishop, Wm.
Chambers, Z. T.
Deaeons, John
†Sprouee & Ross
CAMERON—†Allen, J. C.
†Atkins. William
Loring, M. S.
†Mermin, Hugh
†Tipton, J. J.
CAMPBELL—Lawnsdale, W. P.
MeBride & Osman
CANTON—Emry, F. P.
Howel, Joseph
Wagoner, William
CAPE GIRARDEAU—Lindeman, A. H.
†Lindeman, Son & Co.
Vogelsang, Herman
CARTERVILLE—Campbell, A. J.
Keller, J. W.
CARTHAGE—†Cooper, Frank
†Dean, T. J.
†Jackson, Ellis
†Rose, Richard
†Ross, J. S.
CARUTHERSVILLE—Bradley, Geo. W. Also Lumber
Gilbert, Jos.
Saxton, Russell

CENTRALIA—Chamberlain, Edward
Horn, John
†Horn & Agy
CENTREVILLE—Barton, Nelson
Carty, F. C.
CHARLESTON—Pigg, Jefferson
Schofield, Edw.
Wainwright, A. W.
CHILLICOTHE—†Glore, O. P.
Park, S. B.
Richards, Samuel
CLARENCE—Gregg & Sherwood
CLARK CITY—Martin, J. B.
CLARKSVILLE—Collins, Aug.
Durr, T. E.
Ferrell, W. R.
Stilliman, W. L. H.
Simonds, J. N. & Son
Trimm, J. W.
CLEAR SPRINGS—Bullock, F. M.
Chapman, S. P.
CLIFTON HILL—Baker, Thomas
Gray, A.
CLINTON—Fugua, Richard
Kratz, W. J.
Lawson, W. J.
McNory, Linn & Coulter
Warren, F. C.
COLUMBIA—†Arnett, Wilfred
†Crist, John
†Duncan, A. T.
†Miller, F. T.
†Shockley, Sanford
†Stewart, B. F. & Son
CONCORDIA—Brockmann, Claus
Taestmeyer, Herman
Waekenhorst, Hy.
CRAIG—Baker, Nathan
Lewis, W. B.
Parrish, Anson F.
Wilson, E. A.
CREVE COEUR—Schroder, Henry
Stein, Theo.
CROCKER—Burgess, Wm.
Fitzgerald, Edw.
Krouse, Wm.
CURRYVILLE—Vertrees, S. B.
DE SOTA—†Hancock, Chas. H.
†Hopson & Paul
†Neck Bros.
DE WITT—Fisher, Ed. L.
Stucker, John
DEXTER—Smith, C. A.
Staab, Philip
DIXON—Golena, Jas.
Liesman, Fred.
Miller, W. M.
Murphy & Sweet
DOWNING—Chattan, Jas.
Isaacs, J. M.
West, A. M.
DRESDEN—Bentley, O. A.
Ferbis, J. F.
DURHAM—Grayham & Cuming
Turner, E. S.
EDGERTON—Davis, James
Higgins, John
EFFIE—McMahan, Jefferson
Reynolds, W. T.
ELMO—†Atherton & Pease
ELSBERRY—Brother, E. E.
Horton, J. M.
King & Temple
ELSTON—Schmitz, Fred
Tripp, F. M.
EMDEN—†Simmons, R. S.
EXCELSIOR SPRINGS—Courtney, J. K.
Stoddard, John
FAIRFAX—Bell, W. T.
Hair, Emmet
Maupin, Robt.
FARBER—Brown, G. B.
McCann, L. N.
FARMINGTON—Doughty, D. J.
Loomis, C. W.
†McCarthy, Jno.
FAYETTE—Cornell, John
†Downey, W. L.
Ferguson, Frank
Jones, S.
Megraw, Wm.
FLEMING—Downs, A. J.
Philips, John
FOREST CITY—Stegmaier, Frank
Wood, A. J.
FRANKFORD—Fields, Anderson
Owens, I. N.
FREDERICKTOWN—†Beggs, Jas. F.
McGraw, Benjamin
Matthews, Ancie
Rhodes, Malcolm

FULTON—†Reynolds, Horner & Co.
Russell, J. W.
Schlosser, Geo.
GALENA—Putley, John
GALLATIN—†Conaway, Jno.
†McSpaner
†Stout, H. A.
GALT—Cooper, J. A.
Fleshman, Thos.
West, Fernando
GARDEN CITY—King, C. K.
Yohn, D. P.
GLASGOW—†Hagedorn, D.
†Rall Bros. (Large)
GLENWOOD—How, Thos.
Mann, M. M.
GOLDEN CITY—Mardick, Jno. W.
GRANT CITY—Bulfinch, Geo.
Flood, John
Hunter, John
Killinsworth, P.
†Rybolt & Sutton (Large)
Shaw, Jos.
Sparks, W. P.
†Witmer, Bros.
GREEN CITY—Bookout, Chas.
Cosby, Z. T.
GREENFIELD—Butterworth, Benj.
Glasscock, P. W.
HALE—Belcke, J. V.
Dace, Chas.
†Smith Bros
HAMILTON—Altman Bros
†Moffit, A. J.
Naugle, J. F.
Scott, Stephen
HANNIBAL—†Buettler, G.
†League, Geo., c 10th & Bird
†Mattison & Warren, c Main & Church
†Reynolds, Jno., Paris st
†Richardson, Wm. & Son, 420 Chestnut
†Walker, Wm., 516 Broadway
†Wimbesley, Wm. D., Chestnut st
HARDIN—Merrifield, W. B.
Reyburn, John
HARRISONVILLE—Duffield, Oscar
Miller, Jacob
HARTVILLE—Chapman, John
†Shellhart & Duggan
HERMAN—†Bensing, Herman
†Klenk, William
†TeKotte Bros.
HIGBEE—Botts, J. H.
Leonard, Jas. F.
Palmer, Jas.
HIGGINSVILLE—Boyer & Son
Brelsford, L.
Pfleger, W. C.
Philips, B. F.
HOLDEN—Bell, P. B.
Brown, Michael
Kirk, G. B.
HOPKINS—†Akin, J. A.
Burch, J. H.
HUMANSVILLE—Cresop, W. P.
Hoyt, C. W.
White, Chas. W.
HUNTSVILLE—Poteat, William
INDEPENDENCE—Blankinship, C. S.
†Kennedy, Jno. A.
Kinsey & McCarroll
Yetter, Christian
IRONTON—†Baldwin Bros
Buckey, G. A.
JACKSON—Ade, J. J.
Beattle, Geo.
†Gryting, Axel O.
Pentzel, Aug.
Slack, J. F.
Taylor, W. W.
JAMESON—†Clark Bros
Gillespie, William
JAMESPORT—Bushfield, Geo. E.
Robinson, O. L.
JAMESTOWN—Albright, J. H.
Fulcher, J. H.
JASPER—Boling, Peter G.
Boots, J. Milton
Reed, A. J.
York, Jere
JEFFERSON CITY—†Binder, F. H.
Braun, Ernest
Davis, Chas. R.
†Eveler, John
Gordon, L. D.
Gruber, Herman
Kramp, Chas.
Laux, Jos.
Meenter, Wm. R.
†Nilges, Hubert
Opel, A. & Co.
Schmidt, Jacob, Jr.

Schneider, Henry
Sessinghaus, F. E.
Short, J. W.
Trippensee, William
†Wallace, Henry J.
JERICO—Clark, Geo.
Kiever, John
JONESBURG—Niemeyer, A. H.
Schneider, Fred.
JOPLIN—Deems, Wm. H.
Hand, R. A.
Henley, Daniel W.
Jackson, Jacob C.
†Overley, Elias J.
KAHOKA—Hess, G. Z.
Lloyd, John
Rex & Bell
KANSAS CITY—Adams, W. W., 817 Walnut
Anderson, W. T., 113 W 9th
Ball, E. S., 3215 Charlotte
†Bennetts, J. M., 112 E 9th
Berger, Jno., 1708 E 19th
Bliss, Carl L., 3404 Thompson
†Booe, N. E., 4421 Forest
†Brown, Geo. L. & Son, Amer Bank bldg
Bruening Bros., 1017 E 18th
†Calkin, M. F., 1703 Charlotte
Carter, J. W., 2707 Cherry
†Catlett, C. B., 4128 Locust
Collins, C. F., 1411 Main
†Cox, F. M., 528 New Ridge bldg
Culver, Ansel, 214 W 11th
Curtis, A. J., 1525 Grand av
†Daniel, M. W., 3700 St. John
†Davis, H. B., 24 E 7th
†Davis, Wm., 316 Olive
†Dennis, Dewitt, 331 N Bellaire
Dixon, A. C., 1510 Linden
Dunn, W. T., 806 E 14th
Dymock, Alfred, 917 Norton
Eastwood, J. L., 915 E 8th
Fleming, T. W., 2404 Kensington
Gipple, L. G., 3608 Balto av
Graham, J. W., 4037 E 6th
†Groves, Edw. T., 1315 Balto av
Hahn, Louis, 3922 Summit
†Hanes, S. W., 512 Spruce
Hayde, S. J., K C Life bldg
Heinz, Chris., 2452 Benton blvd
†Heilman, Jos., 1507 W 39th
†Hendrickson, Jno. C., 2600 Montgall
Hindman, J. W., 803 Kensington
†Hollinger & Mitchell, 1214 Main
Hucke & Sexton Contracting & Bldg. Co., Dwight bldg
Hutton, Wm. H., 1327 Monroe
Ingraham, L. H., 2604 Askew
†Kansas City Contracting Co., 4513 E 15th
†Kenerson, W. G., 3601 State Line
Klein, Louis M., 2629 Holmes
Latimer & Benning, Am Bank bldg
Lightner, H. E., 2729 Madison
†Lueneburg, Henry, 1811 Campbell
McBride, J. P., 25th c Belleview
McGinnis, D. D., 923 Central
Madorie, Hy. & Sons, 1122 Woodland
Malies, H. W., 4089 W Prospect pl
Moore Bros., New Nelson bldg
Morley, Patrick J., 705 Wyandotte
Murphy, J. R., 4137 W Prospect pl
Murphy, Wm. G., 3214 Holmes
Neevel, J. B., New Bridge bldg
Neil, J. T., 4047 Harrison
†Nickerson, L. S., 1115 E 23d
Parks, A. R., 38 N Topping
Ravens, Jno., 3349 Flora
Reynolds, Frank C., 1402 Denver
†Riley, J. E., 2513 E 6th
Ritterskamp, F. J., 2329 Forest
†Rowland, L. M., 817 Woodland
†Rudy, Chas. E., 418 Olive
†Schaper, Christ., 2315 Campbell
†Schweiger, T. G. Contracting Co., 1309 Balt av
†Schweiger Contracting Co., 1309 Balt av
Stauch, Theo., 3110 Jefferson
Stewart, Wm., 516 W 14th
†Summerson, C. H., 120 Park
Sutherland, Jno. R., & Son, 1319 Main
Taylor & Winn, 121 W 8th
†Thomas, Rowland C., 508 E 15th
†Thompson, Geo., 3511 Morrell
Tiberghein, J. R., 3925 Bell
Timmerman, F. H., 103 Spring
Tomlinson, C. R., 3253 Oak
Tuggle, J. J., 3110 Oak
†Vandenberg, O. P., 1514 Charlotte
Welsh, W. J., 1026 Norton
Wohlers, Jno. C., 818 E 12th
Wood, W. H., 1028 Norton
Woodling, Chas. F., 3712 Roberts
Wright, F. L., 5019 E 12th
KEARNEY—Courtney, W. T.
†Ingram, Jno. A.
KENNETT—Adams, E. E.
Ward, Isaac H.

KING CITY—†Demund Bros
†Helms & Holmes
Ummel, John
KINGSTON—†Paul, Wm. C.
KIRKSVILLE—Anderson, O. C.
Atterbury, Geo. T.
Chadwell, S. H.
Earhart, J. T.
Long, T. S.
KIRKWOOD—Bopp, Theodore
De Hoog, Richard
KNOX CITY—Saverly, S. A.
LACLEDE—Hendriekson, H.
LADDONIA—Barrett, D. F.
Swift, R. B.
LA GRANGE—†Bonney, Jos. E.
Marks, R. B.
LAMAR—Allen, Wm. T.
Blethroad, Simon
Cabron, Luther
McClure, Jas.
Work, Wm. H.
LAMONTE—Haverfield, Jno. M.
†Parsons & Lang
LANCASTER—Bunch, W. F.
Grant, D. A.
Kirkpatrick, E. R.
McNulty & Woodard
Meade, A. D.
Mellender, J. F.
Morehead, T. R.
LA PLATA—Herman, I. W.
Miles, Jno.
Soddrel, Jos.
LATHROP—†Blackwood, L. D.
Fagan, Thos.
†Gerhard Bros
LAWSON—Blaekwell, Jas. F.
Peterman, C. A.
LEBANON—Clark, F. S.
Frieze, Geo. M.
Krudwig, Mich'l
Pasley, B. F.
Rouse, Charles
Stone, C. F.
Walser, Fred.
Walser, Jno.
LEE'S SUMMIT—†Shaw, L. D. & Son
LEWISTON—Bureh, Wm.
Galbraith, Perry
Johnson, Lucius
Lemon, Taylor
McCann, J. L.
LEXINGTON—Bandon, Thos.
†Cheatham, J. E. & Sons
Mitchell, Wm. Z.
LIBERTY—Hall, G. W.
Porter, Henry
Simpson & Faubion
LINCOLN—Calbert, S. M.
Heubner, J. A.
Sharver, D. B.
LOCK SPRING—†Stout, L. T.
LOUISIANA—Bailey, E. H.
Davis, Chas. K.
†Sowards, J. W.
†Stewart, W. T. & Son
†Woods & Horton
LOWRY CITY—Fields, W. I.
Ream, Emanuel
Wyland & Hillegar
LUCAS—Barry, Samuel
LUTESVILLE—Cavaness, T. A.
Hahn, Sanford
Robertson, Wilson
Small, H. M.
M'FALL—Ellis, Robt.
Miller, George
Weir, Samuel
MACON—Caldwell, A. A.
Martin, J. W.
Morgan, J. B.
Morrison, R. W.
Shilling, Fred'k
Still, T. A.
Strong, Cyrus
Tuttle, H. G.
MADISON—Ellsberg, J. I.
Hecker, Gustave
Thompson, R. H.
Williams, W. E.
MAITLAND—Southwell & Belt
MALDEN—Gerkins, D. F.
Slusher, Wm. C. & Sons
MALTA BEND—†Slusher, W. C.
MANSFIELD—Baker, J. W.
Crippen, John
Crippen, N. A.
Newell, P. W.
MAPLEWOOD—†Wilson, J. W. & Son
MARCELINE—Davis, J. C.
Denniston, A. L.
Mackin, A. B.
Patrick Bros
MARIONVILLE—†Benjamin & Russell
Hudson, S. L.
Jeffries, J. M.
Nave, J. H.
†Russell, D. P.
Seott, H. R.
MARQUAND—Rockwell Bros.
†Whitener, J. V. & Son
MARSHALL—Ervin, Chalmers
Eshley, J. M.
Page, E. R.
Sehropshire, J. P.
Swisher, Adam
MARSHFIELD—Barnes, Milton
Hansard, J. K.
Puett, Wm.
Smith, Wm.
Triplett, C. E.
MARTINSBURG—Hildebrand, Henry
Hinkelmyer, John
MARYVILLE—Bailey, W. A.
†Bent, Lincoln
Curnutt, John H.
Darling, James
Lenneman, John
MeClaskey, J. S.
Miller, Ward
Platt, J. N.
†Searcy, Alex.
MAYSVILLE—Gourley, W. S.
Vermillion & Graham
MAYVIEW—Brock, D. R.
Jennings, W. H.
Snowden, H. F.
MAYWOOD—Anderson, J. T.
Moore, Edw.
MEMPHIS—Broadwater, Thos.
†Martin & Wetherspoon
Prather, Seth
Trickett, George
MERCER—Alley, D. L.
Bell, William
Cox, Edward
Jefferson, W. D.
MEXICO—Ballew, Jno. H.
Bryarly, J. W.
Campbell, J. P.
Fox, Wm. H.
Gilbert, Silas
Hagen, Robert
McDonough, Robert
Meyer, Henry
Rebman, Philip
Sebastian, Chas. W.
Shepherd, H. C.
Shepherd, J. C.
Umstad, John
†Weber, Aug.
Westerman, N. H.
Yates, Vincent
MIAMI—Coleman, William
Lemon, William F.
Meyers, Isaac
Minor, Thomas
MILAN—†Kern, E. G.
MILLERSVILLE—Cowan, D. R.
Ellis, A. B.
Stevens, John W.
MOBERLY—†Broddus, John M.
†Fish, Daniel E. (Large)
Howell, M. J.
Sharp, William
†Sinclair, George A.
Wilson, W. H.
MOLINO—Robinson, R. C,
Stewart, Jas.
MONETT—Moses, J. F.
Otterman, J. H.
Smith, Alfred
MONROE CITY—Bond, Wallace
Clark, C. B.
Powers, J. W.
Shaekelford, J. B.
MONTROSE—Alspach, J. B.
Slaughter, L. P.
MONTSERRAT—Mills, J. N.
†Walker, R. T.
MORLEY—Black, W. H.
†Earl, B. F.
MOUND CITY—†Burns & Agler
Lawnsdowne, W. M.
MOUNDVILLE—Martin, W. B.
Woodfell, L. C.
MOUNT MORIAH—Bennett, B. B.
Blount, Wm.
Hayworth, R.
Fratt, J. H.
NEOSHO—Anderson, Andrew P.
Davis, Charles S.
North, Fred.
North, Wm. H.
Seagrove, Alvin
NEVADA—†Beagles, J. L.
†Dye, J. A.
†Lacaff, Theodore
Rice, Thos. J.
NEW BOSTON—Anderson, G. A.
Anderson, N. A.
Anderson, W. A.
NEW CAMBRIA—†Darling, W. A.
NEW FRANKFORT—Reisacher, Louis
Wehinger, Jos.
NEW HAVEN—Murphy & Springgott
Shelton, W. I. & Co.
NEW LONDON—Swigert, Howard
Wallace, John
NEW MADRID—De Bow, Ed.
Glueck, Christ.
NEW MELLE—Brocksicker, Wm.
Sudbrock, E. H.
OAK GROVE—Kabrick, Butler
Kabriek, Henry
ODESSA—†Blake, E. F.
Crouch, W. D.
Galbraith & Murrer
Strader, H. F.
Streator & Gibbs
O'FALLON—Jasper, A. R.
OLD ORCHARD—Clark, J. C.
Lazier, W. & Bro.
OLEAN—Farris, T. L.
Stepp, D. D.
OSAGE CITY—Cowley, H.
Russell, G. W.
OSBORN—Tuttle & Blakely
OSCEOLA—Faurot Sylvester & Son
Kratz, H. A.
OWENSVILLE—†Hengestenberg, H.
†Rohlfing & Koehnig
Walking, Chas.
OZARK—Edwards & Forrester
Hurston, J. G.
Seott, Jno. H. & Sons
PACIFIC—Koppitz-Smith Mill Co.
Wolf, Wm.
PALMYRA—†Heinze, J. F. & Son
Jones, Chas. B.
Ryan, S. H.
PARIS—Farthing, Barnett M.
Miers Bros.
PATTONSBURG—Barnes, C. L.
†Sanders & Sutton
PIERCE CITY—Connor Bros.
Redpath, Chas. W.
Short, Jno.
Wall, Robt.
PILOT GROVE—Steger, J. M.
PLATO—Cunningham, Jonas
Cunningham, Joseph
PLATTSBURG—Chipman, J. H.
Collins, Stephen
Morland & Smith
POCAHONTAS—†Landgraf Bros.
Carr, Alonzo
Davis, Jno. C.
Goodson, Q. O.
Mumpower, E. M.
Ribelin, G. M.
Smart, C.H.
POPLAR BLUFF—†Greer, A. W.
†Jolly, H. H.
†Tetwiler, C. W.
Walker, L. B. & Co.
POSTOSI—Cook, Hiram
Fuller & Ellis
PRAIRIE CITY—Partz, E.
PRICE'S BRANCH—Simmons, W. A.
PRINCETON—Hill, E. E.
Lane, W. P.
QUEEN CITY—Brasfield, Kane
Dehl, Jacob
QUITMAN—Barnum, H. E.
Chammess, Martin
RAYVILLE—Enlow, C. W.
Tombleson, A.
RED BIRD—Binggemann, F. W.
Sewell Bros.
REEDS—Dome, John
Pritchard, J. R.
REPUBLIC—Bromwell, John
Hussey, E.E.
REVERE—Boice, N.
Riehey, A.
RICH HILL—Thomas, J. V.
Van Dyke Bros.
RICHMOND—Brown, Reuben
Byers, Wm.
Cates & Denton
Wigginton, Benj.
RICHWOODS—Page, J. T.
Pattenay, John
Rutledge, J.

RIDGEWAY—Perkins, G. F.
Stevens, W. W.
RIVER AUX VASES—Doriack, Eli
Stolle, Michael
ROADS—Shanks, George
Snowlarger, Abr.
ROANOKE—Brown, T. S.
Labban, S.
McCausland, W. H.
Smith, S.
ROCKPORT—Diatz & Keller
Heckel, Henry
Thul, P. H.
Watson, Gustave
Welch, W. & J.
ROCKY COMFORT—Hackwith, J. P.
Lamberson, H. P. & T. A.
ROGERSVILLE—Alderson, J. W.
Alderson, M. T.
Bailey, G. W.
Douglass, S. P.
ROLLA—Hunter, John, Jr.
McCaw, Robert
ROSCOE—Proctor, J. E.
Woods Bros.
ROSENDALE—Smith, Frank
Worley, W. F.
RUSH HILL—Fox, Sol.
Wilcox, J. Z.
RUSHVILLE—Seever & Hays
RUSSELLVILLE—Daniel, James
George, W. R.
Taylor & Carnar
ST. CATHERINE—Bade, Chris.
ST. CHARLES—†Bortfelt, Fred
†Bull, Carl & Son
†Heckman, John
Hollrah, Jno.
Hollrah, J. D.
†Meiser, W. & Co.
Pfaff, Jno.
Plume, Chas.
Schlueter, Theo.
†Strathman, C. F.
Wienkin. Louis
STE. GENEVIEVE—Boyer, A. A.
Geiler, F. & Bro.
ST. JOSEPH—†Adams, Frank, 509 S 15th
Benjamin, Jno. A., 1634 Frederick av
Bennett, Robt. W., 910 Jule
Booth, Lucius C., 835 N 25th
†Buddy, Philip P., 419 Main
†Burke, Josephus, 2614 Folsom
Calteux, P., 614 Messanie
†Chute, Elias, 726 N 23d
Costello, Michael, 2008 Messanie
†Craft, Wm. H., 322 S 20th
Crouch, Arthur, 826 Shady av
Dawson, Daniel, 2441 Patee
Donoghue, Daniel, 822 S 6th
†Easton, G. M., 1516 Olive
Fowler, L. A. & Co., 620 S 8 th
Garrison, Clinton D., 1408 N 2d
Hackett. Thos. W., 720 Mt Mora rd
Highsmith, Richard, 2103 S 12th
Jenkins, G. W., 315 N 9th
†Kenney, J. W., 314 N 17th
†King, Hugh, 713 Edmund
†Lehr, J. W., 1702 Fredrick av
Lewis, G. W., 7th nr Garden
Modrell. Robt. T., Williams & Kansas av
†Nicholas, Jno. R., 2206 S 6th
†Nowland, Chas. (Gen'l Builder), 814 Felix
Rackliffe & Gibson, 619 Edmund
Rector, L. M., 407 Main
†Rumsey, Chas., 1701 Beattie
Rusco, George W., 1913 S 11th
Schwartz, Louis, Colorado & Park av
Shaw, A. B. & Co., 1832 Frederick av
Stamey, T. W., 1703 St. Joseph av
Thirifay, Michael, 410 S 7th
Tibbetts, Frank L., 1905 N 22d
Trickett, J. W., 429 Francis
†Waldron, D. C., 924 Frederick av
†White, Wm. P., 612 Edmund
†Winn, Thos., 1402 Edmond
†Wolfe, S. W., 724 S 17th
ST. LOUIS—†Abrahams, S. & Son, 1133 Pine
Abston, Buford, 2700 Locust
Ahern, Michael, 1831 Olive
Albach, Michael, 401 Sidney
Almstadt & Shaner, 211 Chestnut
Althoff, August, 4540 Nebraska av
†Anderson, John H. & Co., 2707 Lafayette av
Anishanslin, Emil, 3921 N Euclid av
Ankney, Elijah D., 4584 Bell av
Armstrong, S. H., 500 N 18th
Arnold, Frank X., 3979 Sarpy av
Arnold, Geo., 4208 Sarpy av
Associated Micanics, Laelede cor Garricon avs
Aufderheide, F. C., 3906 Morgan
Aulbert, C. F., 815 McLaran av
†Bailey Mfg Co., 705 Olive
Baker, W. N., 5631 Garfield av
†Barnes, W. W., & Co., 1522 Chestnut
Basset, J. & J., 810 N 4th
†Bauer, Herman, 2126 Nebraska av
Beck, Jno., 2950 Mich av
Bengal, Edward, 708 O'Fallon
†Benham & Hamilton, 1524 Chestnut
Binsbacher, Sebastian, 314 Montrose av
Black, James, Commercial bldg
Blackstrum, Randolph D., 40 58 Penrose
†Blair, Geo. M., Benoist bldg
Bly, Thos., 1618 Old Manchester rd
Bohlem, F. P., 4561 N Market
Brigham, Edw. S., 2233 N Market
†Bright, James H. Contracting & Bldg Co., Lincoln Trust bldg
Brod, Jno. H., 1916 N 14th
Brown, E. W., 912 N B'way
Bruggemann, Fredk. W., 819 N 11th
Bruggemann, Geo. H., 3803 Finney av
Buckley, Thos. J., 4354 Hunt av
Buechel, Fidel, 2722 S 10th
†Buxton, Albert G., 816 Olive
Campbell, J. P., 4046 Laclede av
Campbell, Louis, 3011 Minn av
†Cartin, Thos., 108 N 9th
Casey & O'Keefe, 904 Olive
†Central Construction Co., Burlington bldg
Chamberlain, Chas. W., 105 N Ewing av
Clucas, Thos., 6230 Van Versen av
Clostermeyer & Green, 3045 S B'way
†Cochran, William, 4462 Finney av
Condon, Jas., 1915 Franklin av
†Crawford, Jas.. Odd Fellows' bldg
†Crosby, Herbert W., 1414 Locust
Crosby, Jno. P., 316 Olive
Crowder, D. F. & Co., 203 N Main
Culley, G. O., 2915 Caroline
†Cuff, Thos., Odd Fellows' bldg
†Darr, Fred'k E. A., 907 Manchester av
Davis, A. F., 2709 Morgan
†Davis, Jas. T., 2705 Caroline
Davis & Strottlemeyer, 911 Elliott av
Deniston, Chas. H., 1211 Chestnut
†Diedrich, Chas., 1418 S 18th
Dockery, Jno. A., 1922 Wash av
†Doerer, Xavier, 2107 Gravois av
Doerste, Robt., 2745 Shenandoah av
Donovan, Michael, 3717 Garfield av
Dooley, Frank X., 3005 Olive
Dooley, Jas., & Co., 456 N Sarah
Doubek, Jno. A., 2013 Cushing
†Dreher & Huen, 2311 Sidney
†Duffner & Stecker, 715 Locust
†Eggleston, Perry D., 4237 Wyoming
†Emig, Christian G., 4340 Hartford
Fay & Co., 3 S Ewing av
Fieberg, Julius, 205 S 3d
Findley, Jas., 3637 Clark av
†Fitzgerald, J. W., 1100 Grattan
Frank, G., 213½ Market
Freinhagen, Fred'k H., 659 Baden av
Fritz, Hugo N., 1727 S 3d
†Froehlich, C. G., 2818 McNair av
†Gahl, Wm. & Co., 1414 S 13th
Goodfellow, J. B., 17 S 10th
Gray, L. P., 3441 Henrietta
Green, A. P., 1375 Temple pl
Gregg, Geo. W., 1918 Franklin av
†Grone, Louis H., Benoist bldg
Hackett, T. W., 3013 Lucas av
Hall, Chas., 1914 S 12th
†Hall, C. F., 3229 Pennsylvania av
†Haeseler, Albert H., Wainwright bldg
†Hamilton, C. E., Benoist bldg
†Hambley, Wm., 1002 Chestnut
†Hammond Construction Co., 1409 St. Charles
†Hammond, Jno. G., 4168 Westminster pl
Hansen, Fred'k & Son, 2022 Mullamphy
Happel, Wm. J., 3626 Lierman av
Harper, W. H., 6408 Old Manchester ro
Hasselbrock, Fred'k W., 1410 Monroe
†Havener, G. T., 722 Chestnut
Heckman, Wm., 1516 N 15th
Heitmann, Chas., 1310 Howard
Hemminghaus, P. H., 2907 Harper
Higgins, R. T., 110 N 4th
†Hill, Geo. T. Construction Co., 209 N 17th
Hillebrand, Wm., 926 Allen av
†Hoffman Contracting Co., 604 Pine
Holmes, Edw. W., 1384 Lucretia av
†Hoyt, H. H., 1000 Cass av
Hueser, Fred'k, 2027 Wash
†Ittner & Bruce, 203 N 10th
Jansson, K. G., 1044 Garth av
Jeep, Jules M., 803 Chouteau av
Jones, R. F., 3846 Luckey
†Jones, S. L. Bldg Co., 620 Chestnut
Kean, A. C., 3516 Evans av
†Kelleman Contracting Co., Roe bldg
Kelling, Geo. J., 1007 Morgan
†Kennedy & Matthias, 105 N 7th
Kersting, Jno., 1041 Victor
Kinkeal, Frank, 5943 Ridge av
†Kinney, John V., 6128 S B'way
Knapp, Jno., 4907 N B'way
Knell, Dan'l, 2209 Sidney
Koenig, Fred'k, 2826 N 10th
Kopp, Louis, 4119 S Compton av
Kramer, Frank, 4018 Page boul
Krewet, Chas. A., 2808 Easton av
Lang, F., 219 Washington av
†Lange & Bergstrom, 601 S Newstead av
Lasswell, J. E., 1322 Cass av
†Lehman, Herman, 8 S 3d
Lemburg, Chr., & Son, 1225 Howard
Leslie, A. F., 2729 Laf av
Lloyd, C. C., 6436 Vermont av
Lockett, Jno. F., 4539 Wichita av
Loffhagen & Son, 1721 Morgan
†Low, Jno., Benoist bldg
†Lynds, Benjamin, 711 St. Charles
†Lynds, E. M., & Co., 1012 Chestnut
†McCully, Wm., & Co., Houser bldg
McGrath, J. J., 518 N Sarah
McLaughlin, J. P., 115 N Theresa av
McMahon, Jno., 4325 Maffitt av
†McNally, Peter, 3608 Olive
†McNevin, Jno. D., 3324 Wash. av
McVey, Sam'l T.. 2018 Market
Mackey, R. E., 4283 Easton av
Manley, Wm. H., 917 Mallinckrodt
Mason, Chas. H., 3808 Cottage av
Melcher, E. L., & Co., 723 N 23d
Meyer, Ferdinand, 212 S 3d
†Meyer, Peter H., 1117 Missouri av
Meyer, Wm., 2108 Obear av
†Michael, Chas. E., Odd Fellows' bldg
†Milburn & Rich, 413 Locust
Mitchell, F., & Co., 5642 Cabanne av
Moore, P. A. C., 3638 Liermann av
Morley Bros., 1727 S Jefferson av
†Morrison, R. W., Construction Co., 113 N 8th
Mueller, F. C., Benoist bldg
†Mueller, Henry G., 8312 Hall's Ferry rd
†Murch Bros. Construction Co., Odd Fellows' bldg
†Murphy, M. W., 1105 N Leonard av
Nagel, Hy. L., 4236 Easton av
Nagel, Jacob P., 811 N 9th
Nicolson, Wm., 902 Bayard av
Noorish, Robt., 2633 Morgan
†O'Donnell, Edward E., 205 S 13th
†O'Leary, Dennis, 4003 Easton av
Oetter, A. F., 4348 Duncan av
†Ogden, D. L., 223 Brooklyn
O'Leary, Dennis, 4003 Easton av
†O'Malley, Jno., 1447 Sarsfield la
O'Rourke, T. F., 9 N 8th
†Patterson Bros., 1500 St. Charles
Parker Mfg Co., 11th & Bissell
†Paulus, Robt., 317 Russell av
Paus, H. C., 418 Wash.
†Pelligreen, Nicholas, 816 Pine
Poertner, Casper H., & Son, 2610 Chouteau av
Powell, Jas. H., 3308 Commonwealth av
Price, Frank, 913 N 9th
Price, Geo. D., 821 Chestnut
Price, Wm. J., 4239 Easton av
Prosser, David C., 3217 Cass av
Raithel, Edw., 4018 Grove
Rascher, Frank L., 6838 Marquette av
Raub, Uriah, 23 S 11th
Reinhardt, Gus, 4419 S Grand av
Remmers, J. H., 1318 Allen av
Reynolds, W. H., 5577 Manchester av
Rice, Steadman, Whittier st
Riekemann, Chas., 1921 Congress
Riekemann, Henry, 3401 S 2d
Rocklage, Henry W., 1513 St Louis av
†Ross, Saml. M., 2801 Gamble
†Roos & Taylor Co., Chemical bldg
Sachse, Ernst., 918 N Newstead av
Sachse, F. W., 4359 Garfield av
Sachse, Paul C., 5000 St. Louis av
Sagner, Gustav T., 4564 N Market
†Saltmash, Dan. R., 3837 Easton av
Sauerwein, Philip, 2622 Osage
Sauerwein, Ph., Jh., 2725 Armand
Schaeffer, Julius H., 1910 N Newstead av
†Schenck, Jacob, Bldg & Contracting Co., c Salem & Penn
Scherer, Sebastian, 4439 Penn av
Schilling, J. H., 1118 Park av
Schisler, John, 2826 Wisconsin av
Scheier, Mich'l J., 3335 S 2d
Schmidt, Chas., 621 Athlone av
†Schneider, P., 2508 Elliot av
Schnell, Leon, 2147 E Fair av
Schroeder, Fredk., 3423 Henrietta
Schuler, C. W., 2842 Texas
Schulte, Wm. H., 2217 Oriole av
Siebert, E. H., 3509 Cass av
Sentenne, J. Harry, 800 Olive
Sexton, John W., 3414 Olive
Seyfarth, Chas. H., 1506 Arlington av
Shapiro, Jacob, 1006 N 9th
Sievers, Frank S., 2213 N 14th

†Slass, W. P., & Bro., 4727 Newcomb pl
Sparling, Jno., & Son, 4173 Morgan
Spector, J., & Co., 1022 N 8th
†Spore, Henry C., Ozark bldg
†Stafford, C., Bldg & Construction Co., Wainwright bldg
†Steinhoff, Wm., Wainwright bldg
†STEWART, JAMES & CO., Lincoln Trust bldg
Stidger, John H., 819 N 10th
Stiel, Frederick, 4364 Clayton av
†Storck, H., & Co., 115 Vine
Stoetzner, Emil, 167 St. George
Straub, Wm. C., 2339 Montgomery
Strauss, Jacob, 3240 Ohio av
Stuckenschneider, Stephen, 1409 Monroe
Sullivan, Dennis, 2108 Pine
Sutherland, Wm. M., Odd Fellows' bldg
Sypenske, H., & Co., 114 N 9th
Tarpy, Jno., 4235 Humphrey
†Taylor, Frederick, & Son, 220 Locust
Teegarden, A. A., & Son, 4906 Easton av
Thake, William, 2208 S 11th
Tilson, Rufus, 4227 Humphrey
†Turner, Jos. A., 1419 Whittier
†Valleroy, Celestin, 715 Locust
Vander Byl, P. H., 3315 Franklin av
Volland, Otto A., 1108 S 7th
†Wahoft, Henry, 5611 Reber pl
Waldmann, A. F., 4064 St. Louis
Wallin, A. G., 3730 Evans av
Wangelin, Frederick, 920 N 9th
†Ward, Edward, Benoist bldg
Weis, Joseph, 3643 Clark av
Werkmeister, Robt., 8218 Water
Wernels, Chas. G., 718 N Spring av
Whitaker, F. H., 927 Tyler
†Wieden & Son, 2602 Laclede av
Wildermuth, John, & Son, 1112 Lynch
†Williams, Geo. R., 2012 N 14th
Williams, W. H., & Son, 1004 Chestnut
Winkel, Aug., 1812 N Leffingwell av
Wipfler, Martin, 4830 Labadie av
Witler, Fredk. A., 4207 Choteau av
Wood, Wm. G., 3551 Olive
Woodlock, Andrew, 217 N 17th
Wright, Lealon A., Chemical bldg
Wunsch, F. W., 3229 Penna. av
†Zeller, Geo. P., 4556 Rutger
Zercher, C. S., 916 S 22d
†Zwicki, Fredk., 1775 S 18th

ST. MARY'S—Tlapek & Bartels
Voelker, Frank
ST. PETER'S—Heckman, Frank.
Taubler, Frank.
Treutter, August
ST. THOMAS—Luethen, Bal.
Wilde, Anton
SALEM—Garner & Son
SALISBURY—Kinstner & Son
SAVANNAH—Kinzer, W. H.
Mann & Wilcox
Tyrell, W. H.
Wilcox, Harvey
SCHELL CITY—Ensley, J. W.
Thompson, J. A.
SEDALIA—Cauliflower, John, c 9th & Engineer
Gallie Lbr & Fuel Co. (Large)
†Hurley & Co. (Large)
Johnson, T. H., 326 N Grand av
Moore & Thomas
Moss & Winters, 1524 S Vermont
†Moyer, Jerome, 1005 S Lamint av
Stephenson, L. C.
SELIGMAN—McCann, B. & Sons
SEYMOUR—Emory, F. E.
Higgins, C. E.
SHELBINA—Butler, S. G.
Fletcher, J. A.
McDaniel, William
McGill, J. W.
SHELBY—Runyan & Wilson
SHELBYVILLE—Fleming & Higbee
Gumby, S. E.
Kenny, E.
SILKESTON—Barnes & Smith
Heisler, Frank
Nations, J. H.
SLATER—Brown, J. P.
Heiler, Martin
Mann, Maurice
SPENCERBRUGH—Garrett, G.
Highnutt, H.
SPRING BLUFF—Huegeler Bros.
Sottebier, Frank
SPRINGFIELD—†Bowman Bros., 1412 Boonville
Brinell, C. J., 737 Summit av
†Buchanan, Perry, 310 W Olive
†Davis Planing Mill Co., 1202 Robberson av
Killback Bros., 418 St. Louis
†Shumaker, G. M. & Son, 236 E Walnut
†Springfield Planing Mill & Lumber Co., (Large), Phelps av & Campbell
SPRING GARDEN—Hoff, J. G.
Lumpkin, U. S.
Tornson, J. P.
STANBERRY—Dillon, Nathan
Hawkins & Heckenlively
†Valin, Louis
STEINHAGEN—Asroth, Aug.
Vogt, William
STONY HILL—Rethemeyer, Charles
Stolte, F.
STRATMANN—Bauer & Rapp
Rothwell, E. M.
SWEET SPRINGS—Elliott, R. H.
Ferguson, J. W.
Matthews, G. W.
Weller, W. P.
TARKIO—Clausen, E. P.
Marsh, S. E.
Searcy & McNulty
THAYER—Barnard, Clinton
Huddleston, Jesse
Luther, R. W.
McClure, W. L.
Wilson, J. W.
TINA—Davis, Lillia
TIPTON—Becker, J. H.
Cashat, R. L.
Conn, W. H.
Petty & Stephenson
TRACY—Hodges, J. B.
Smith, J. W.
TRENTON—Cline, J. W.
Harvey, T. J.
TROY—Anderson, Louis
Wright, C. L.
TULIP—Anderson, E. S.
Dry, E. B.
TURNEY—Althouse, C. H.
Haynes, W. M.
UNION—Berding, P. F. A.
Faughnder, G. W.
Keller, William
UNION STAR—Green & Foster
Laughter, S. D.
URICH—Anderson, M. W.
Jones, T. L.
McFarland, J. P.
Tompkins, O. R.
UTICA—Kerr, Isaac
Lemon, William
VANDALIA—Barrett, R. T.
Lake & Summers
Lane, William
Onston & Martin
Thole, H. A.
VERONA—Kent, Judson
Smith, W. R.
Stephens, B. A.
Trolinger, F. M. M.
Trolinger, W. J. P.
Vantuyl & Son
VERSAILLES—Duff Bros.
Kidwell, Joshua
Tillett, Samuel
VOYAGE—Pool, Leonard
Sale, B. F.
WACO—Conraa, S. M.
Edwards, H. N.
Rafferty, William
WALDRON—Lowe, W. L.
Payne, T. J. & Bro.
WARRENSBURG—Akin, Fred.
Carter, J. W.
Davis, L. T.
Douglas, W. M.
Herbert, J. C.
Hout, G. W.
Hubbard, J. C.
Miller, J. A.
Wood Bros.
WARREN STORE—Cole, F. R.
Light, Monroe
WARRENTON—Biesemeyer, H. L. K.
Hill, Simon
Witt, H. C.
WARSAW—Brown, H. W.
Russell, G. C.
WASHINGTON—Conrads, Julius
Gilsecke, Hy.
Hanesgen, Ferd.
Raaf, Joseph
Smith, Alfred
Westermeyer, Henry
Westermeyer, J. D.
WAVERLY—Johnson, M.
Milner, W. P.
WAYLAND—Bogguss, R. M.
Briggs, A. E.
Grate, Hy.
WEAUBLEAU—Goans, Richard
Woodford, S. M.
WEBB CITY—Keach & Butts
Magill Bros.
Robinson, I. E.
Simms, A. H.
Smith Bros.
Swartz, Lee
Swartz & Son
WEBSTER GROVES—Belliars, John
Creech, R. H.
Fuller, O. T.
Kernich, William
Prehn, John
WEINGARTEN—Donze, Hy.
Grither, John
WELLSTON—Garrettson, G. W. & Son
McBryer, Charles
WELLSVILLE—Cooch, Hy.
Cooch, William
Douglas, J. J.
Hayden, John
Hepler, J. Q.
Hepler, William
Thorpe, George
WENTZVILLE—Blacksuker, F. W.
Penn, James
WEST PLAINS—Benton, J. W.
Martin, J. H.
Mathews, G. E.
Turner, Wyatt
WILLOW SPRING—Harris, H. T.
Waller, W. F.
Wright, R. N.
WINCHESTER—Norton, William
Waples, J. C.
WINDSOR—Booth, M. F.
Bowen, William
Douglass, Logan
Haisley & Easley
Hall, J. W.
†Muir, George W.
Philip, E. B.
WINONA—Crawford, A. G.
Hoover, George
James, G. Y.
McCandless, C. C.
WOODHILL—Alford, William
Mehaffer, William
WOODLANDVILLE—Shears, Clarence
Stewart, T. B.
WOODLAWN—Pickett, S. P.
Rigsley, Y. J.
WRIGHT CITY—Arnold, R. S.
Jabin, Aug.
ZEITONIA—Merrifield, Harry
Smith, Alex.
Zeitinger, A. F.

MONTANA.

ANACONDA—Archambault, J. B.
†Green, George F.
†Jacobson, John
Law & Johnson
†Leck & Coy
McAkron & Hall
†Noble, George W.
†Price, Archibald
†Prouex, J. B.
Snelling, John
Starr, C. W.
ARMINGTON—Depew, T. C.
Hackshaw, William
Saul, J. H.
ASHLAND—Burch, George
Jones, Walter
BELT—Burley, Charles
McCallum, A.
Saul, John
BIG TIMBER—Everett, Edward
Gordon, Bros.
Lamphere, O. M.
Morand & Bovington
Wagner, Jacob
BILLINGS—†Crown, R. R.
†Mitchell, John M.
†Ross, D. A.
Sawyer Bros.
BOZEMAN—†Alderson, M. W.
†Babson, William H.
†Bessey, William B.
Bowen, William
Brandenburg, W. F.
McKenzie & Slater
†McLellan, John T.
†Morris, Peter T.
Newman, Charles
†Noe, E. P.
†Vreeland, F. W.
†Warburton, Frank E.

BUTTE—Allen, H. A., 115 N Main
†Bookman, E. T., 22 W Mercury
Charles, H. L., 628 E B'way
Conroy, F. P., 613 Park
†Coughlin, J. H., 227 E Granite
Davis, J. M., 706 Maryland av
Decker, G. L., 621 W Quartz
†Dunckel, E. N., 207 Colorado
Godin, Hormedes, 524 W Park
†Grenon, Joseph, 151 W Aluminum
Grose & Holbrook, 26 W Daly
†Hogan, J. F., 9 W Quartz
†Kelley & O'Brien, 20 E Quartz
Leach & Greer, 338 E Park
†McCoy & Co., 139 W Park
Marshall, J. W., 404 E Granite
†Mattson, Andrew, 209 W Porphyry
†Montana Bldg Co. (Large)
†Perham Bros. & Gruber
Riddell, J. A., 25 W Park
†Riley, W. E., 49 E Quartz
†Shackleton & Whitewey Construction Co. (Large), 516 Main
Sherwood, Wellington, 9 W Quartz
†Smith G. M., 321 S Idaho
Taylor, G. E., 10 W Galena
†Vroom, B. E., 1323 E Jefferson
Vroom, W. H., 846 E Galena
†White, Wm. & Co., Bee Hive bldg
†Whitman & Whitney, 66 W B'way

CHICO—†Nelson, J. W.

CHINOOK—Clarke, J. W.
Thomas, Oscar

CHOTEAU—Arnold, Joseph
Dunlap, J. N.
Webb, J.

FORSYTH—Coss & Hampson
Snook, R. W.

FRIDLEY—†Terry, D. S.
Will, Philip

GREAT FALLS—†Duncan Bros.
†Lease & Richards
†Roberts, William

HELENA—Black, J. A., 19 N Jackson
Black & Landt, 200 Breckenridge
†Brackman & Roth, 6th av c Ewing
†Capital Lumber Co., 133½ N Main
Crawford, William, 338 N Main
†Deysinger, Nicholas, 35 N Park av
†Fiske, E. W., 111 7th av
Gremm, F. C., 826 8th av
†Hansen, Andrew, 35 Pine
Hanson, A. P., 35 Pine
†Ketchum, J. P., 13 N Park av
†Reed, G. B., 118 W Lawrence
Reilly, C. J., 311 W Main
Richards, T. C., 909 B'way
Schimpf, Fred., 1043 Breckenridge
†Smith, H. F., 1119 5th av
†Steaburn & Sandon
Wagner, Edw., 1631 E Lynndale av
Winter, F. H., 117 Breckenridge

KALISPELL—Torkleson, J. L.
†Whiteside, Fredk.

LEWISTON—Cone, D. J.
Kane, D. J.
Moshner & Roberts
Simmons, Henry

LIVINGSTON—†Hornbeck, F. S.
†Kernode & Davis
†Ross, A. H.
†Smith, D. I.
†Sohl, J. F.
Thomas, R. C.
†Wolcott, H. J.

MILES CITY—†Helland, Hans
†Maples & Ross
†Miles City Lumber Co.

MISSOULA—†Kirkoby, A. P., 600 S 6th
†Newton, E. S., 502 Madison
†Sheldon, D. A., 209 Vine
†Taylor, A. A., 13 Higgins av

PHILIPSBURG—Botschneider & Wipf
Hamm & Horn
Williams, G. S.

PONY—Lloyd, H.
Sparrel, George
Walter, H.

RED LODGE—Levin, George
Egan & Hayck
Smith, James

UBET—Pike, William
Sprague, J. E.

WHITE SULPHUR SPRING—Shorey, J. D.
Tague, E. A.

YORK—French, S. D.
Hedley Bros.

NEBRASKA.

AINSWORTH—Martin, Robert
Pennell, L. H.

ALBION—Chilson, H.
Rankin, J. M.
Wager & Kingham

ALLIANCE—Bills, Joseph
Reck, S. C.

ANSELMO—Lowe, C. J.

ARCADIA—Brown, George
Madsen & Leatherman
Moncrieff, John

ARLINGTON—†Jewett, J. H.
Mohr, Thomas
Moore, Frank

ASHLAND—Bryan & Service
Depner, A. S.
Dexter, Rodney
Merrill, C. H.
Paul, J. I.

ATKINSON—Grunstead, L.
Hahn, Jacob

AUBURN——Bair, M. N.
Parrish, J. W.
Williams, A. V.

AURORA—Miller, Robert
Spaulding, G. H.

AVOCA—Brackman, Hy.
Sriver & Peckham

BEATRICE—†Arnold Bros., 410 S 5th
†North, L. H.
†Werner, Louis

BLAIR—Hansen, Peter L.
Ridler, James S.
Vaughan, W. C.

BROKEN BOW—Chapel, C.
Hopkins, W. F.

BROWNVILLE—Dougherty, T. C.
Summers & Poun

BURWELL—Matthews, Hiram
Schuyler, J. H.

CALLAWAY—High, S.
Idell, S. R.

CENTRAL CITY—Baird, J. B.

CLARKSON—Hand, Joseph
Pechanec, John

CLAY CENTRE—†Mead & Taylor
Thomas, M. U.

COLUMBUS—Curtiss, S. P.
Pearsall, James

COOK—Mastalka, J. S.

COWLES—Hurd, William
Wolf, William G.

CRAB ORCHARD—Van Osrol, Nathan

CRAWFORD—Hitt, A. C.

CREIGHTON—Copeland, J. G.
Gillette, N.
House, John
House, Luther

CRETE—Goodwin, L. A.
Hill, C. A.
Jackson, J. M.
Shimonek, J. S.
Young, F. M.

CURTIS—Adams, H. W.
Ham, J. E.

DANNEBROG—Christensen & Rasmussen
Peterson, J. C.
Sorenson, C. P.

DAWSON—Kennedy, William
Pierce, Benjamin

DU BOIS—Bellamy, Henry S.
Church, C. L.

DUNBAR—Scott, David

ELBA—Holm, John
Holm, Mark

ELK CREEK—Hake, W. A.
Merwin, William

ELK HORN—Jeffries, H. B.
Rasmus, Henry

ELGIN—Lobdell, C. W.
McCord, Samuel
Parker, W. H.
Parkins, J.

ELMWOOD—Durbin Bros.
Ede & Uhley

EUSTIS—Webber, David
Willey, Levi

FALLS CITY—Neeley, T. J.
Sperry, Bennett

FRANKLIN—†Doty, C. H. & Son

FREMONT—†Cherry, A. F.
†De Long, A. H.
†Denny, P. D., 649 N Main
†Seeley, Son & Co., 333 N Broad
†Wilkey, W. C., 77 S Clarkson av

GIBBON—Eastman, A. M.
Furgason, R. E.
Winchester, M. W.

GORDON—Gealy, A. W.
Sailor, C. H.

GOTHENBURG—Byers & Winchel
Granger, Frank
McCarthy, G. E.

GRAND ISLAND—Wartnaby, Geo.
Winn, G. E.

GRANT—Hunt, W. H.
Mowry Bros.

GREEN ISLAND—Falldorf & Kirschke
Fent, D. H.
Geer & Harrison
Heywood Bros.
Kelly, S. D.
Kruse Bros.
Peters, Peter B.
Wartnaby, G. A.

GREENWOOD—Kimberly, Wm.

GRESHAM—Bader, Gustave
Polehn, F. R.

GRETNA—Fox, John W.
Staley, O. A., 410 N Denver
Weed, H. M.
Zimmerman, Hans

HENDERSON—Niebert, Martin
Mosher, J. E.
Wall, Isaac

HICKMAN—Cluster, J.
Cluster, J.
Franklin, Robert
Larsh, B. F.

HILDRETH—Bridges, Harvey

HOLDREGE—Johnson & Noorlin

HOLMESVILLE—Hixon & Coughman

HOWE—Dovel, V. C.
Lighthill, Thomas

HUMBOLDT—Neher, D. M.
Wagner, W. F.
Whitney, Egbert

HUMPHREY—Reinhartz, M.
Schroeder, Louis

INDIANOLA—Thomas, R. H.

KEARNEY—†Crossley, W. F.
†Isdell, Robt. G.
†Knutzen, Walter
†Rose, M. P.
Wickham, John

KENESAW—Hoffman, H.

LANHAM—Lohrengel, William
Steffens, William

LAWRENCE—King, R. B.
King, R. B.

LEIGH—McFarland, James

LEXINGTON—Jensen, S.
†Thomas, R. D.
Winges, John

LIBERTY—Spencer, E. T. & Son

LINCOLN—†Arthur, Wm., Grand Hotel
†Bishop, N. Y., 1621 G
†Brownson, J. M., 1150 Saratoga
†Butler, Jno. J., 1232 O
Cameron, J. J., 2302 Holdredge
†Campbell, C. D., 1702 S 11th
†Campbell, W. L., 921 Peach
†Clyce, F. P.
†Fraas, Jno., 815 K
Gaddis, R. J., 346 N 13th
†Harrison, T. P.
†Hutton, A. H., 1806 L
†Jausen, Louis (Large)
†Kaar, Theo.
Lawrence, W. D., Farmers' & Merchants' Ins. bldg
†Mason, F. A., 2035 S
†Ryman, J. F. & C. W., 400 S 9th
†Schaaf, C. A., 1616 O
†Sheeley, Chas. G. (Large)
†Sheeley & O'Shea (Large)
†Stevens Bros. Co. (Large), 2418 N N st
†Wilson, Geo. A., 1117 P

LINDSAY—Rankin, Peter
Reede, P. P.

LINWOOD—Keltka, Aug.
Sorrick, M.

LODGE POLE—Fusha, John F.
Rose, F. M.

LOUP—Owens, W. T.

M'COOK—McAdams, John
Sheppard, J. H.

MADISON—Adams, J.
Irwin, William
†Kaul, C. F.

MILLARD—Appel, John
Koch, Herman

NAPONEE—Fox, Hy.

NEBRASKA CITY—Brown, H. G., 711 1st, Corso
Hoops, E., 1313 Central av
Koontz, William, 1204 Central av
Manson, I. B., 515 1st, Corso
Meyers, L., 1311 Central av

NELIGH—Lytle, J. B.
†Mills, J. N.
Thornton, Fred.

NEW CASTLE—†Anderson & Suicker

NEWMAN GROVE—Lyon, C. W.
Rodman & Waltman
NORFOLK—Brummond, Aug.
†Herrman, John B.
†Hight, W. B.
Kern, W. L.
†Langenberg, Fritz
†Loescher, Theo. F.
†Miller, C. G.
†Morrison, A.
†Reckard, Geo.
†Sundell, C.
†Zuelow, Carl
NORTH LOUP—Babcock, N. W.
Colby, H. N.
NORTH PLATTE—Austin & Hagsett
OMAHA—†Akin, J. W., 902 N 50th
†Barnes, T. B., 3904 N 22d
†Boien, P. S., 1008 N 29th
†Brooks, Wm. S., 1610 Capitol av
†Buck. G. W., 2029 Willis av
Coatsworth, J. T., 1513 S 25th
†Estill, Geo., N. Y. Life bldg
Everitt, Wm., 1901 S 15th
†Finlayson, Duncan, E 1824 Blnney
†Finney, E. C., 2316 S 19th
†Hamann, Hy., 429 Ramge bldg
Hamilton R. P., & Co., 1901 Binney
†Hempen, Hy., 713 S 27th
†Hendee, H. K., 4402 Dodge
†Hendricksen, J. P., 4835 Capltol av
†Hokanson, C. W., 717 S 25th
†Hough, P. C., 1620 Cass
†Jacobberber, Hubert, 4731 N 37th
†Jobst, B. J., 625 Paxton blk
Joseph, Harvey J., 2729 Hamilton
†Joy, C. W., 2901 Pinkney
Kerr, E. W., 2110 Ohio
Kessler, L. A., 830 S 39th
†Kluge, Chas., 1119 D
†Kunz, Philip J., 3307 S 20th
Larson, Hans, 616 Mercy
†Latowsky, Wm., 1047 Atlas
Lundburg & Son, 115 S 17th
Mahannan, Jno. E., 3516 S 20th av
Marston, E. C., 112 N 17th
Maus, Jno. H., 2115 Lake
†Murphy, M. T., 2016 N 20th
†Nelson, Edw., 2510 Parker
Newman & Johnson, 207 N. Y. Life bldg
Ochiltree, Jno. T., 2505 N 20th
†Parrish, W. H., 2616 Burdette
†Partridge, Chas. W., 634 Paxton blk
†Paul, Wm. R., 3325 Parker
†Petersen, Walter, 14 U. S. Bank bldg
Phelan & Shirley, N. Y. Life bldg
Phelps, Walter J., 2816 Hamilton
†Pierson, A. J., 801 N 20th
†Reed, Albert, 2702 S 19th
†Reynolds, F. F., 2816 N 26th
Rice, Wm. F., 1815 St. Marys av
†Rosenberry Bros., 1501 Marcey (Large)
†Sheppard, W. T., 1555 N 17th
†Soderberg, Peter, 2323 S 21st
†Spaugenberg, Frank, 2435 S 20th
†Sprague, Goe. W., 4544Seward
†Stevenson, S. G., 1703 St. Mary's av
†Swanson, A. E., 1618 Capitol av
†Taylor, Jno. C., 1807 Cass
Thurston & Ordens, 314 S 15th
Tubbs. David F., 1812 N 26th
Wahlstrom, A. G., 2808 Cass
†Weeks & Voss, 321 S 12th
†Young. J. J., 2853 Miami
O'NEILL—Boyd, A.
†Clark & Hunt
Mullen Bros.
ORD—Harris, C. L.
Haworth, Perry
Millard, George
Wentworth, D. W.
PANAMA—Jackson, Edwin
PAPILLION—Alden, Howard O.
Barton, Robt. F.
Grothie, Emil
Rhodes, Fred. D.
Slothawer, Jacob
PAWNEE CITY—†Cotton & Lane
Hamilton, N. A.
Jenkins, H. S.
PERU—Cole, D. C.
Hayes, J.
PLATTSMOUTH—Babington, D. E.
Bates, P. D.
Boyd & Bradshaw
Despain, A. D.
Jones, D. M.
Larson, L. G.
Pickens, W. H.
RULO—Frederick, L.
Raffnale, Daniel
ST. PAUL—Hill, Henry
Pine, Walter
SARGENT—Beers, R.
Brown, M. F.
Potts, J. N.
SCOTIA—McDonald, J. A.
Sumner, A.
SCRIBNER—Bauer, Peter
Kellner, Adolph
SEWARD—Anderson, M. C.
Fallen, J. A.
SHELBY—Hewitt, James
Innis, Robert
SHELTON—Blakely, Thomas
Smith, Chas. H.
SHICKLEY—Carlson, John
SOUTH OMAHA—†McDonald, T. C., 2216 J
†McDonald, T. C., 2216 J
SPRINGFIELD—Hoyt, H. T.
STANTON—Babb, J. W.
Carrier, F. S.
Underberg, C. W.
STAPLEHURST—Schmidt, C.
Wled, Julius
STROMSBURG—Carlson & Netzell
Gestrine & Palm
SUPERIOR—Amberson, B. C.
Budd, J. C.
Budd, Joseph
Green, W. H.
Harding, John
Sheffer, R. K.
SYRACUSE—Jones, Thos.
Stanboro, Willlam
TABLE ROCK—†Griffing, O. W.
TEKAMAH—Brooklings, Charles
Woodward, P. S.
VALLEY—Gardner, Alex.
VERDON—Price, L. L.
Tingley, A. G.
WATERLOO—Colvin, Charles
Jacobson, William
WAUNETA—Williams, R. H.
WEEPING WATER—Jamieson, T. F.
Matthews, S.
WESTON—Staudinger & Rockafellow
WEST POINT—Miller, Al.
Remm, Fred.
Walter, F.
WOOD RIVER—Hoppel, J. W.
Jewett, J. R.

NEVADA.

AUSTIN—Finnegan Bros
Flint, A. A.
Schivin, William
BELMONT—Ball & Deady
CARSON CITY—Catlin, A. P.
Spooner & Prezean
RENO—Clough, C. E.
Curtis, M. J.
VIRGINIA CITY—McIntosh, W. A.
Pottle, A. E.
WINNEMUCCA—Hill, J. A.
O'Donnall, James
Wolff, Christ.

NEW HAMPSHIRE.

ALSTEAD—Dickey, H. D.
Dickey, John F.
Webster, G. C.
ANTRIM—Downes, Charles F.
Waldron, George E.
Worthley, E. T.
ASHLAND—Fifield, Frank
Huckins, Frank S.
Page, C. A.
York, John S.
ATKINSON—Nesmith & Mason
Sargent, Charles B.
AUBURN—Chase, J. P.
Emery, C. W.
Purgree, George W.
BARRINGTON—Berry, J. W.
Hall, E. T.
BATH—Bailey, George
Lang, Moses
Phelps, Horace N.
Rollins, O. P.
BELMONT—Norris, Cyrus B.
Phillips, A. J.
Sweat, J. W.
Twombley, H.
Willard, R. J.
BERLIN—†Gilbert, A. N.
McGivney & McGuire
Snodgrass, Robt.
BETHLEHEM—†Corliss, M. J.
†Thayer, H. A.
BRADFORD—Hoyt, John
Jones, T. A. J.
BRISTOL—George, C. P.
Hastings, R. S.
Perkins, David
Remick, Geo.
†Wells, B. L. & A.
BROOKFIELD—Lang, D. W.
Pike, J. C.
Plummer, Samuel M.
Wiggin, G. A.
Willey, J. H.
BROOKLINE—Cochran, Bela G.
Shattuck, E. C.
CAMPTON VILLAGE—Hart, Frank P.
James, D. B.
CANTERBURY—Morrill, C. F.
Morrill, S. A.
CHESTER—Hall, L. W.
†Hardy, Albert M.
Nichols, William P.
CHESTERFIELD—Davis, Chas. B.
Johnson, Burton G.
Phetleplace, Geo. L.
Safford, Ellon A.
CHICHESTER—Brown, Franklin
Sanborn, Charles R.
CLAREMONT—†Beckwith, H. R., Union blk, Tremont sq
†Chandler, Ira, 10 Prospect
Cutting, Seth, Prospect st
†Dean, J. L.
Farrington, George B., Main st
Foster, A. W.
†Osgood, George
†Rosslter, Robt.
†Stockwell, George T.
Thrasher, Bert, Chestnut
COLEBROOK—Haynes, Aaron B.
Hicks, A. C.
Rolfe, Fitz C.
Rolfe, W. S.
COLUMBIA—Hammond, George
Lyman, William
CONCORD—†Danforth & Forest, 20 Pleasant
†French, Benj., 5 Lahanto
†Goodhue, Geo. (Large)
†Hutchinson, E. B. Bldg Co., South End
†Kimball, W. D., 128 South
†McIntire, Harvey, 70 N Main
†Mead, Mason & Co. (Large)
Miller, John R., 22 Warren
Nutting, Erwin E., 154 N Main
†Sanborn, John H., 202 N Main
†Scott, F. W. & Co., 204 N Main
†Shallies, Ira B., 70 N Main
Sleeper & Putney, Hall's ct
CONTOOCOOK—†Putney, W. S.
DANBURY—Jewett, A. W.
Traver, W. H.
Worthing, W. P.
DOVER—Beede, Augustus H., 20 Mt Vernon
†Bishop, R. G., 8 Flsher
Blanchard, Jno. H.
Coleman, W. S.
†Dorr, Chas. C.
†Dow, Chas. C. (Large)
†Frost, E. H., 270 Central av
†Hanson, D. E., 14 Klrkland
†Shaw, H. M., 14 Hough
†Stewart, B. D., 14 First
†Tibbetts, Jno. F.
†Twombly, N. & Son (Large)
Wiggins, O. R.
DUBLIN—†Ball, A. L.
Wilson, Thomas S.
EAST JAFFREY—Bailey, E. H.
Towne, Liberty
Towne, S.
EAST KINGSTON—Philbrick, E. W.
Philbrick, Frank J.
Webster, Dana
ENFIELD—Babbitt, George W.
Collins, Oscar F.
Pilsbury, J. S.
EPPING—Burleigh & Purrington
Dame, Byron
Pike, Robert
Stone, G. C. & Son
EPSOM—Murphy, Jno. W.
Philbrick, Jackson C. & Son
EXETER—Goodale, Geo. E.
Harvey, Chas. P.
Marden, Albert J.
Shaw, George B., P O box 241
Young, C. W
FARMINGTON—†Copp. F. R.
FITZWILLIAM—Cummings, B. F.
Tenney, H. C.
FRANCETOWN—Colburn, E. W.
Downes, H. P.
Whitfield, James H.
FRANKLIN FALLS—Babbitt, C. M. (Large)
Elils, Chas. H.
†Page, A. W.
Tuttle, Addison D.

GOFFSTOWN—Brown, James C.
Carleton, William U.
†Dodge & Barnard (Large)
Hart, W. H.
GONIC—Ciliey, S. I.
McDuffie, G. W.
GORHAM—Wiiley, James E.
Wiiley, James E.
GREENFIELD—Burnham, D. W.
Warren Bros
GREENVILLE—Sanborn, W. H.
Sargent, G. W.
HAMPSTEAD—†Emerson, J. H.
HAMPTON—Dearborn, S. W.
HANCOCK—Copeland, Alva
Hunt, Lewis
HANOVER—Bond, Jno. J.
Pelton, D. B.
HENNIKER—†Bunnell, Seth A.
†Carnes, Willis N.
HILLSBORO—†Hoyt, W. C.
Jackman Bros
Ward, Walter
HILLSBORO BRIDGE—†Hoyt, S. D.
†Rumrii, Peter H., & Sons.
†Ward, W. A. J.
HUDSON—Cummings, Hiram
JACKSON—Harriman, A. C.
KEENE—Burnham, F. K., 66 Mechanic
Dodge, E. D., & Sons.
†Ellis, Calvin H. (Large).
†Gordon, Geo. A., 64 Beaver
†Joslin, J. C., 82 Spring
†Pemberton, Charles K., 158 Spruce
†Purceli, Henry, Railroad st
†White, C. M., Leverett sq
KENSINGTON—Brown, Oscar W.
Shaw, George B.
KINGSTON—Furber, John
Lyford, Alfred
LACONIA—†Davis, A. L.
†Jameson, Joseph
†Laconia Lumber W'ks
Merili, Geo. D.
†Stone, H. F.
Tate, Geo. A.
Thompson, H. H.
LAKEPORT—Buzzell, C. E., Gold st
Emerson, E. E.
†Meader, John M.
Smith, Wm. D.
LANCASTER—Simonds, E. E.
†Smith, John H.
Wymon, E. W.
LANGDON—Knight, Ernest
Lucas, R. A.
LEBANON—Buck'in, Ira
†Mason, J. S. & Co
Simpson, G. N.
Whipple, Lyman
LISBON—Douglass, Benjamin
Morgan, S. D.
Wilbur, Byron
LITTLETON—Chandler, J. B., 34 Main
†Cudworth & Noyes
Dunn E. D.
Fogg, J. A.
LYMAN—Hoskins, E. F.
Whipple, J. F.
MANCHESTER—†Aldrich, L. M., City Hall
Allen, W. H., 1338 Elm
Atwood, C. W., 319 East Spruce
Beaudet, Clement, 146 McGregor
Bessette & Groux, Amory c Lafayette
†Bixby, Clinton H.
†Brunelle & Demers, 150 Amory
†Bunton & Bernard, 44 N Main
†Colburn, C. H., 323 Laurel
†Dana, Jos., 672 Main
†Daniels, E. J., 282 W Hancock
Dudley, George H., 159 Laurel
Dusablon, O., 155 Central
Goings, F. M., 45 Falls av
Haskell, E. F., 112 Manchester
†Head & Dowst Co. (Large)
Holbrook, Geo., 127 Manchester
†Holmes, E. A. G., 224 Manchester
†Johnson, M. D., 98 Salmon
Little, H. F. W., Nutfield la
†Maynard, John H. (Large)
†Mead, Mason & Co. (Large)
Mendell, J. H. & Co., 1276 Elm
Merrill, A. H., 36 Messaiiesic
Moison, W. H. & Co., 278 W Hanover
†Piper, H. A., 112 Manchester
†Plamonden, G. A., 386 Harvard
Provost, F. T. & Co., 21 Amory
†Seward, Jno. F., 27 Warren
†Vance, Jno. F., 191 Bowman
†Veasey, E. B., 383 Concord
†Wilson, J. A., 558 E Spruce
†Wilson, Jacob, 67 Blodget
MARLBORO—Adams, A. A.
Sawyer, Albert
MEREDITH—Bickford, Frank E.
†Clark, Geo. H., & Co. (Large)
MILFORD—Manning, C. L.
Sanderson, L. C.
Winters, Thomas
MOUNT VERNON—McQueston, Thomas H.
Richardson, Daniel
NASHAU—Caron, Francois
†Chagnon Alphonse, 103 Ash
†DuBois, P.
†Duncklee, L. P., & Son
†Erb, W. M., & Co.
†Holt. D. F.
†Jones, B. K., & Co.
McGregor, Charles & J., Lowell rd
Melien, E. A., 252 Main
†Nashua Building Co.
Osgood Construction Co.
†Sanders, James A., 7 Union
Sloan, John F., 9 Foundry
Spalding, Chas. C., 34 Norton
Taidif & Bellavance
†Woods, J. V., 50 Haines
NEW BOSTON—Wilder, E. D.
NEWBURY—Holt, Fred
Snow, Charles A.
NEW CASTLE—Davidson, G. H.
NEWINGTON—†Hoyt, B. S. (Large)
NEW IPSWICH—Lawrence, E. A.
NEW LONDON—Woodward, Charles
NEWPORT—Bascom, S. H.
Dyer, George H.
Partridge, Charles H.
Robinson, H. A.
NORTH HAMPTON—Berry, Fred W.
†Moulton, W. B.
NORTH SANDWICH—Quimby, I. G.
Webster, J. Y.
NORTHUMBERLAND—Amory, F.
Cole, A.
PENACOOK—†Chandler, Wm. P.
Cross, Herbert L.
Hardy, Chas. L.
Holden, A. W.
Rolfe, Laurin W.
†Taylor, Durgin & Sebra
PEQUAKET—Hammond, J. (Albany)
Hurley, E. F. (Albany)
Piper, J. N. (Albany)
PETERBORO—†Anderson, Saml., & Son.
†Gilchrist, Granam
PITTSFIELD—Lane, C. H.
Winkley, Herbert O.
Smith, J. A.
PLYMOUTH—†Emerson, Thos. I.
PORTSMOUTH—†Anderson & Junkins (Large)
Brooks, Walter T., 32 Gates
†Dame, Byron
†Humphreys, Chas. W., 1 Salter
†Kiernan, W. F.
Littlefield, Albion, 20 Maplewood av
Manson, W. J.
†Marden, J. W. & Son, 81 Market
†Pendexter, Dan'l P., 13 Hanover
†Sugden Bros, 27 Cabot
†Webster, Benj. F. (Large)
RANDOLPH—Hunt, H. H.
Leighton, R. I.
RAYMOND—†Healey, E. S.
ROCHESTER—Clark, Jno. T.
†Dame, John W., 20 Pine
RYE—Locke, Jno. F.
†Rand, Chas. M.
RYE BEACH—†Batcheider, B. D.
SANDOWN—†Worthen, Walter
SEABROOK—Gove, Edward D.
Perkins, Samuel
SOFFORD—†York, Chas.
STRAFFORD—Caswell, Joseph O.
Perkins, Paul
STRATHAM—Batchelder, A. & D. P.
Leavitt, H. H.
Tuttle, Isaiah W.
SUNAPEE—Abbott, Amasa S.
Sargent, J. V.
SUNCOOK—†Batchelder, Geo. F.
Pourke, E. S.
Cleveland, Chas.
Marden, John
SURRY—Blake, Louis F.
Carpenter, Mason A.
TAMWORTH—Bryant, W.
Varney, N. H.
TILTON—†Gilman, F. A.
Page, Daniel M.
WEST LEBANON—†Bacon, A. (Large)
†Bacon, Chas. A.
WEST SWANEY—Eastman, A. S.
Richardson, George
Woodward, J. W.
WHITEFIELD—Connor, Harlow
McDonald, C.
Temple, Freeman L.
Thayer, Harvey
WILTON—†Emerson, Henry L.
WINCHESTER—Hildreth, E. C.
WOLFBORO—Prindall, Charles
Prindall, Everett T.
Smith, John
Warren, J. H.
WOODSVILLE—†Gordon, Jas.

NEW JERSEY.

ALLENTOWN—Anderson, A. A.
Carr, Joshua
ANGLESEA—Brower, Howlett
Hewlett, E. S.
ARLINGTON—†Bellis, Wm. C., Devon nr Midland av
Caimar, Howard, 144 Kearny av
Clarkson, Jno., 584 Chestnut
Crookall, Hy., 37 Woodland av
†Duffy, Thos., 540 3d, E N B
†Enstice Bros., 211 Kearny av
Jacobson, Jno. J., 402 Elm
Mathey, Geo. W., 57 Sherman av
†Murphy, Mich'l, 220 Central av, E N B
†Pierce, Cyrus A., Argyle av, nr Laurel av
Reeves, Moses E. & Son, Passaic av n Midland av
Rodda & Abel, Devon, nr R. R.
Stillweli, Geo., 76 Davis av
Swenson, Elof, 408 Elm
Zeliff, J. E., 129 Dukes
ASBURY PARK—†Albertson, Benj., 619 Lake av
†Brenner, S. W. & Sons, Bradley Beach
†Dey, Jno. M., Ocean Grove
†Griffin, M. C., Ocean Grove
†Henderson, G. W., Jr.
†Kirkbride, S. W. (Large), 605 First av
†Lippincott, Adon, 907 Main
†Martin, Jno. W.
†Meyill, Holmes, Ocean Grove
†Sexton, D. W. (Large), 205 Sunset av
†Stewart & Herbert, Bradley Beach
Wilson & Son, 1031 Summerfield av
ATCO—Frye, E. C.
ATLANTIC CITY—†Adams, Henry C., 126 N Massachusetts av
†Ailison, Jos. D., 1015 Atlantic av
†Amole, Eli S., the Amole, S S Carolina av
†Borden, Wm., 124 N Virginia av
†Champion, Wm. E., 1818 Baltic av
†Conover, Charles P., 1726 Arctic av
Conover, Jas. B., 104 N Ohio av
†Cox, Chas. A., 2318 Baltic av
†Cramer, Chas. H., 921 Baltic av
†Crowley, Jos. C., 30 N Florida
†Donnelly, Daniel K., Caroline av c Baltic av
†Donnelly, Edw. R., N Carolina av c Baltic av
†Harris, Richard P., 28 S Kentucky av
†Hess, John B., 106 Georgia av
†Ireland, John A., 21 N Georgia av
†Knauer, Daniel, 157 S New York av
†Lawson, Daniel F., 214 N S Carolina av
†Mattis, Beriah, h 1807 Arctic av
†Mattis, Eben S., 921 Pacific av
†Moore, Alfred, 2306 Arctic av
†Moore, Fred'k T., 105 N Tenn av
†Muth, Frank F., 120 N N Carolina av
†Parker, Stephen R., 131 N Connecticut av
†Parsons, G. B., 37 N Maryland av
†Scully, C. J., 613 N Indiana av
†Smith, J. Summerill, 30 N Georgia av
†Smith, Wm. H., 13 States av
†Souder, Frank A., 1013 Arctic av
†Thompson & Champion, 1806 Arctic av
†Weeks, W. W., 16 S Ohio av
†Wooiton, Paul, 103 N Virginia av
†Young, Nicholas W., 13 S Ohio av
ATLANTIC HIGHLANDS—†Roberts, D. J.
†Southall, Jno. & Sons
†Stout, Jacob
AVALON—Cress, Capt.
Preston, C. M.
AVON—†Samson, Robt.
BARNEGAT—Everingham, B. A.
BARNESBORO—Shuster, Jos.
Skinner, J. T.
Tomlin, Jas. A.
BAYONNE—Ahlfeld, Carl, 81 W 22d
Barnes, Wm., 91 W 8th
Bernhardt, V., 31 W 18th
Ritner, W. Jno., 272 Boulevard
Boyd, E. S., 39 E 45th
Bradford, Turner, 23 W 13th
Brown, J. W., 11 E 44th

†Bull, John & Sons (Large), 10 W 13th
†Bunn, Jno. W., 19 W 43d & 20 W 44th
Byers, John S., 34 E 19th
Cadmus, Geo., 3 W 34th
Cohen, Morris, 40 E 27th
Conk, Anthony, 36 E 25th
†Couch, Saml. J., 37 W 43d
†Forquer, James, 625a Av D
†Hannon, Jas. (Large)
†Herbert, T., 9 E 15th
Hicks, Wm. L., 13 E 46th
Hill, M. A., 17 North
Jennings, Edgar T., 34 E 35th
†Leec, Geo. W. (Large)
Lohman, Peter M., 24 W 33d
McCarthy, Danl., 163 Orient
McDonald, Terrence J., 419 Boulevard
Morecraft, Jos., 34 Grand
Mott, Wm. H., 25 Cottage
Mowry, Saml., 557 Av C
Odell, Saml. M., 66 W 50th
Pharo, J. Anderson, Av D n 33d
Rubine, Harris, 26 E 27th
†Ryan, Wm. C., 34 W 42d
Seaton, Jno. W., 9th n Boulevard
Siefken, E. W., 47 W 51st
Sipple, Gustavus, 21 E 15th
Stanbrough, A. L., Hartley pl c Linden
Titus, Fred., 43 W 50th
Townsend, Chas., 94 W 37th
Tucker, Barnett, 81 W 20th
Van Cleaf, W., 42 E 6th
Vreeland, Frank R., 21a E 15th
Vreeland, J. K., 29 W 32d
Watson, Richard, 86 W 22d
†Watters, W. H. (Large), 627 Av B
Winters, H. W., 476 Av E
Wood, Chas. T., 849 Av D

BEACH HAVEN—Butler, G. S. & Son

BELLEVILLE—Dickerson, R. E.
Kellsall, Jas.
Tucker, John J.

BELMAR—†Adams, Daniel S.
Brag, Thos. W., Third av n B
Brown, H. C., c 6th av & E
Burroughs, J. G. & Son, 9th av n F
Irons, Jno. R.
Hutchinson, Forman S.
Robinson, W. A., 8th av n E
†Titus, Jas. V.
Connolly & Wolverton, 17th av

BELVIDERE—Gardner, Geo. I.
King, John H.
Searles, Wm. H.

BERLIN—Bishop, Wm. H.
Mager, Geo. B.
Sharp, Ayers
Yapp, Wm.

BERNARDSVILLE—†McWilliams, H. & J.

BEVERLY—Blow, Wm. E.
Logan, Garrett G.
Merritt, Theodore G.

BLOOMFIELD—Albinson, Jas., 110 Newark av
Baldwin, Benj. F., 109 Franklin
Bitterle, Alfred, Hendricks pl
Bland, John, 24 Willow
Cadmus, Geo. W., 661 Bloomfield av
Cadmus, Theo., 104 Thomas
Callin & Peters, 19 Baldwin
Doremus, Andrew, Jr., Walnut ter
Fritz, Augustus, People's Park
Griffith & Moore, 41 Orchard
Johnson, Thos., 131 Spruce
Lockwood, Chas. M., 26 Henry
Lucas, Chas., Paterson rd
Nicholl, Jas. T., 46 Ella
Raab, Wm. R., 75 Baldwin
†Riher, Geo., 276 Glenwood av
Spaulding, Geo., 235 Franklin
Vreeland, Jno. R., 518 Broad
Vreeland, Lester O., 48 Harrison
Westervelt, Samuel, 185 Wash'n av
Wilson, Fred A., 36 Linden av

BLOOMINGDALE—Mead, H. W.
Tintle, James

BOONTON—Blowers, Ezra
Hopler, Jas.
Hopler & Grimes

BORDENTOWN—!Appleton, Chas. J.
†Ayres, Jno. H.
Bell, Samuel S. F.
Burton, Jos. P.
Eldridge, Daniel
Hancock, Isaac S.
†Herbert, Thomas
Herbert, W. H., 81 2d
†Higgins, Jos.
†Woodward, Jas. B. (Large)
†Tantum, Edson B.

BOUND BROOK—Bush, Jas. P.
Coddington, J. B.
Foster, E. B.
Wilson & Son

BRIDGEBORO—Bramell, William
!Elliott, A. N.
Haines, Theodore
Schurch, John

BRIDGETON—†Bacon, Smith
Maier & Barnes
†Nichols & Sharp
Pierce, Wm H.
Riehle, S. P.
†Sharp, Leander
†Sharp, Sherman
Shaw, S. A.
†Smith & Sonover (also Lumber)
†Steelman, Jos.
Williams, C. B.

BROWN'S MILLS—Eckman, Frank
Emmons, Joshua
Kinsley, Chas.

BURLINGTON—Davis, Sheldon S.
Haines, Hy. A.
Inglin, Alfred, 218 Jones av
Kimball, W. H.
Kiple, Atwood, W Union
†Lippincott, J. D., 165 W Broad
Miller, Joseph, 306 Stacy
Norcross, J. J., 450 Locust av

CALDWELL—Bond, W. H.
Gould, Wilbur
Hamilton & Harrison
Paddock, Sherman
Tompkins, Theo.

CAMDEN—Bachmann, Geo., 19 N 30th
Barcklow, Saml. D., 506 Cherry
Beckett, Josiah, 277 Chestnut
Bicking, Wm., 227 N 3d
†Borden, Wm. D., 438 S 3d
Burch, Wm., 1023 N 18th
Burkart, Wm. B., 54 N 2d
Butcher Jos., 115 N 4th
†Cogswell, Benj. W., 113 Woodlynne av
Coles, C. B., & Sons Co., Front & Kaighn av
†Cole, Geo. W., 1017 Bulson av
Collins, Hy. J., E 332 Vine
Copes, Hy. J., 1009 Division
†Cornelius, Fredk., 835 N 6th
†Cole, Ruben B., 26 S 35th
†Cox, Chas. W., 902 Cooper
†Cunningham, Jas. J., 438 S 2d
Curry, Jacob C., 408 Pine
Day, Jos. R., 261 Kaighn av
Day, Geo. W., 208 Mt. Vernon
†Day, Wm. H. (Large), 517 N 6th
Fawcett, Loring W., 607 Berkley
Fiedler, John H., 2726 River av
Ferrell, G. W. & J. G. W., 506 Spruce
†Geiger, Andw. D., 634 S 3d
Glover, Chas. W., 203 Erie
Gravener, Isaac J., 937 N 31st
Harden, Frank J., 621 Cherry
†Heater, Frank, 335 Lemon
†Heston, Thos. G., 526 N 3d
Hinchman, Hy. G., 6 S 3d
†Holl, Geo., 310 B'way
†Holl, L. F., & Son, 539 Berkley
†Hosier, Wm. R., 105 N 25th
Howell, E. W., 530 Henry
Hunter, Chas. S., 564 Royden
Johnson, Chas., 26 N 5th
†Kaighn & Draper, 426 Haddon av
†Keen & Frazier, 2717 High c Hill
Larsen, Jno. M., & Son, 1800 B'way
Lord, David E., 1310 B'way
†Lynn, Jefferson G., 2924 Cramer
McCauley, Wm. A., 438 Kaighn av
McQuay, Thos. J., 772 Line
†Mardara, T. F., 315 Benson
Mears, Wm. T., 303 Chestnut
Reeve, Jas. H., 614 Pine
Rogers, Caleb F., 2937 Cramer
†Syre, Charlton H., 546 Line
Schael, Robert, 2801 Wayne av
†Schmidt, Charles E. A., 755 Ferry av
†Severns, Wm. 527 Arch
Spencer, David B., 811 Haddon av
†Sherman, W. H., 33 Haddon av
Smith, Frederick, 684 Vanhook
Smith, Wm. H., 1680 Ferry av.
Spencer, David W., 700 B'way
Stant, Benj. F., 1175 Haddon av
Stehr, L. H., 1131 S 3d
Sterling, David J., 706 S 6th
Stratton & Son, 557 Trenton av
†Stubbs, Clifford, 1930 S 6th
†Sweeten, B. F. & Son, Cooper & Delaware
†Turner & Stewart (Large), 828 Bway
Vincent, Elijah, 1419 S 10th
Wallen, Richard S., 706 Spruce
Ward, Aaron, 821 S 8th
†Welsh, Jno. J., 551 Spruce
†White, Isaac F., 313 West
Williams, Wm., 230 Market
Wizst, Hugh, 1635 S 6th
Wrifford, Chas. A., 307 S 3d
†Wrifford, Wm., 724 Washn

CAPE MAY—Cassidy & Hand
Church & Elwell
Hand & Ware
Sayre, Thomas J.
Stevens, Wm. T.
Ware & Eldridge
Williams, Boody & Williams
Williams, Enos R.
†Wylie, S. W.

CAPE MAY C. H.—Garretson, Charles F.
Grace, Geo. W.

CAPE MAY POINT—Reeves, J. N.
Springer, A. W.
Wright, A.

CARLSTADT—Rasmus, John N.
†Sauter, Gottlieb
Seger & Wulling

CARTARET—Herman Bros.

CHATHAM—Carley, Wilton G.
Hedges, David G.
Lerch, Christian
Walters, Samuel

CLAYTON—†Beckett, H. D.
†Haines, Geo.
†Dean, Frank A.
†Entrikin, Jno. M.
Newlin, Jonas M.
Nields, Hy. G.
†Thompson, W. A. P. (Large)
Widdoes, H.

COLLINGSWOOD—Doughty, A. K. H.
†Gill, Henry
†Patterson, Walter L.

COLUMBUS—Page, Abner

CRAMER HILL—Grover, John
Jeffries, John D.
Jenkins, Alfred H.
†Mansfield, H., Box 102
Price, Charles E.
†Townsend, S., Cooper & Westfield av

CRANFORD—Fox, Chas. J.
Kreiel, Deidrich
†Mendell, W. W.
†Waterson, John

CROSSWICKS—Anderson, Thos. B.

DEAL—†Switzer, W. H.

DOBBINS—†Craig, John R.

DOVER—†Allen & Palmer
Monez, Jos.
†Vreeland, Jacob J.
†Wilcox, Nathaniel B.

DRAGSTON—Keys, Alonzo
Lock, Joseph
Tribet, Charles

DUNELLEN—†Apgar, Jno.
†Tinsworth, Lewis

EAST ORANGE—Ackerman, Abram A., 53 N Clinton
Ayres, Edmond B., 377 William
Bonnell, N., 12 Steuben
Carlock, Jno. H., Sr., 141 Dodd
Carter, Azariah H., 373 William
Clark, Charles, 374 William
Collyer & Coddington, 12 Hedden pl
Condit, Edward I., 12 Washington
Coryell, Jno., 353 Main
Cowell, Chauncey E., 10 Academy
Coyne & Coudit, 26 N Munn av
Curtis Bros., 20 Sterling
Davis, Jos., 85 Main
Frederick, Wm. H., 187 Elmwood
Fritz, A. H., 1 Brighton av
Hageman, E. H. & Sons, 10 S Walnut
Haskin, Wm. H., 198 Main
Hill, Martin W., 58 Hedden pl
Lee, Jos., 46 Meadow
McDermott, Robert, 382 Main
Matthews, Chas. M., 8 Halsted
Maurer, Fredk., 28 N Grove
Mayes, Chas. F. & Son, 61 Greenwood av
Moller, Jno., 17 Wash'n pl
Obner & Reichert, 103 N 14th
Ryan, Michael, 56 Tremont av
Smith, Ira V., 55 Dodd
Stewart & Co., 500 Main
Strobert, Geo., Mt. Pleasant av
Struck & Co., 20 R. R. pl
Tucker, G. H., 360 Central av
Weber, Frank F., 482 Main

EGG HARBOR CITY—Prasch, John, Jr.
Robberberg, Geo.
Vess, Henry
Winterberg, Charles

ELDREDGE—Hand, Walter N.
Hoffman, Reuben

ELIZABETH—Applegate, Jno. K. & Son, 136 B'way
Beglan, Mich'l, 423 Fulton
†Bust, Geo., Jr., 557 1st av
†Budd, Thomas B., 286 Morris av

Budd & Sherrer, 57 Jefferson av
†Byrnes, Michael (Large), 2 Julian pl
Cantwell, Timothy J., 425 Spring
†Clifford, Wm., 446 Livingston
Dederick, Henry M., c 4th & Livingston
†Dippel, Dan'l, 523 Franklin
Dixon, Geo., 21 Butler
Drake, Willis S., 634 S Broad
Earle, Jno., 225 South
†Felmley, Jno. E., 339 Fay av
†Fisher, Spencer L., 123 Orchard
†Flocken, Chas., 352 N Point rd
Frederick, Chas. L., 421 Franklin
Frederick, Henry, 525 3d av
Heise, Wm. G., 38 Niles
Keimig, Nicholas, 419 E Jersey
Marsh, Horace, 118 Catherine
†Noonan, Thomas, 252 B'way
†Pierson, Walter C., E Broad & Chestnut
Ryan, Moses W., 352 Marshall
†Schlotterer, G. H., 622 Franklin
†Skillen, Jno. (Large), 1205 E Broad
Stephens, Wm. C., 146 Reid
Sayre, E. M. & G. R., 46 Orchard
Sheridan, Jno. M., 939 Grove
†Warren, James W. (Large), 261 W Grand
Walters, Chas. B., 98 W Jersey
†Wilson, Robt, 210 Broad
†Winans, T. M., 825 Grove

ENGLEWOOD—†Barrett, David L.
†Bogart, Andrew D. (Large)
†Demarest & Son
Fitchen, J. F.
Graesing, A.
Gulnac & Tallman
Lydecker, John
†Mackenzie, R. H.
†Oberg, F. G.
†Phelps, F. W. & Co.
†Reeve, Wm. D.
†Stagg, Chas. J.
Westervelt, John S.

FAIR HAVEN—†Smith, A. E.
†Smith, G. W.

FANWOOD—†Bornman, John
†Frentz, Augustus

FARMINGDALE—Dorsett, Jas. E.
Fairy, Levi W.
Hulshart, Harry
Le Fevre, R.
Wasley, A. B.

FLEMINGTON—Applegate, Wm.
Large, Wm. H.
Sheppard, Wm. E.
Swallow & Buchanan
Webster, Jno.

FLORENCE—Durrell, Edward
Kimble, Wm.
Lucas, Robert
Spencer, Albert G.

FREEHOLD—†Brower, Alonzo & Son
Flood, Wm. H.
†Gordon, John B.
Hampton, C. H.
McDermott, Wm. Jr.
Rue Bros., 5 Broad
Soden, Wm. H.

GARFIELD—Garrettson, Wm., Spencer pl
Kuebler, Gustave, Belmont av
Martin, Michael, Orchard & Belmont
†Shaw, Jas., Commerce
†Warnaar, C.

GLASSBORO—Stanger, John
†Crane, Jno. M.

GLEN RIDGE—†Coulter, D. V.
†Jacobus, Israel

GREENBANK—Birdsall, A. L.

GREENWICH—Brown, Edgar
Carney, Mark
Headley, Charles

GUTTENBERG—Bussman, Theo.
Sneath, Geo. H.

HACKENSACK—Adams, Frank R., Myer n Union
†Birley & Wood, Bridge n Main
Bratt, Jas., Cleveland n Kansas
†Dederick, Wm. E., 100 Berry
Hotb, Jno. C., Central av n 20th
May, Chas. A., 1st n Passaic
†Monroe, Wm. H.
Nevard, Wm. H., Essex n Prospect av
Paton, Edmund M., Central av n 1st
Pulis, Wm. P., 47 Hudson
Sturr, Garrett A., Union n Atlantic
Westervelt, L. C., 185 State
†Zabriske & Voorhis

HACKETTSTOWN—Smith, G. W.
Stryker & Bro.

HADDONFIELD—Allright, Henry
Baker, Caldwell
Hoopes, John C.
Stone, L. J.

HAINESPORT—Bradigum, C. W.

HALEDON—Conklin, George B.
Fredericks, Charles L.
Van Riper, Richard
Veenstra, Aaron

HALEYVILLE—Godfrey, Saml
Steelman, George

HAMBURG—†Dimmock, J.

HAMMONTON—†Bernhouse, Wm.
Myers, Charles P.
Strickland, E. W.

HANCOCK'S BRIDGE—Davis, Albert & Son
Davis, Warren

HARMERSVILLE—Buecher, Jedediah F.
Davis, Ed

HEISLERVILLE—Bingham, Joseph
Thompson, L.
Thompson, T. J.

HARRISON—(See Newark)

HOBOKEN—Baack, Ernest, 204 5th
Bonynge, Henry A., 931 Washn
Brannley, Jos. F., 828 Willow av
†Clayton, Arthur W., 951 Bloomfield av
Clementz, Louis, 615 Washn
Dingman, Alexander, 535 Garden
†Einarsen, T. & Bro., 522 Bloomfield
Erb, Fritz, 59 5th
†Erxmeyer, Henry, 218 Park av
†Farrell, Martin, 1106 Garden
†Foley, Michael, 1000 Hudson
Hammel, Jno. & Bro., 519 Garden
Monstery, Ole A., 72 Garden
†Muller, Ehrlich & Co., 78 Madison
†Rath, Robert J., 259 6th
†Runton, Jno. & Son, 10th c Clinton
Staats, R. P. & J. H., ft 3d
Stagg, Garrett, 700 Park av
Straubinger, John, 406 Bloomfield
Waddington, R. & Son, 619 Jefferson
Weir, Alex., 615 Park av
Wilsey, Geo. L., 1017 Willow av

HOLLY BEACH—†Smith, F. E.

HOPEWELL—Drake, W. E.
Sutphin, H. D.
Wycoff, Jacob S.

HURFFVILLE—Andrew, Joseph
Jones, Jesse
Woodrow, R. F.

INDIAN MILLS—Dickerson, H. S.

IRVINGTON—†Elsden, George
Force, Charles M.
†Hageman, J. V.
Howard, George W.
Quinn & Wassmer
Sullivan & Hopper
Wonderly, Silas, 105 Chadwick av

JAMESBURG—†Perrine & Bucaklew Co. (Large)

JERSEY CITY—Anderson, Alex., 353 5th
Anderson, Wm. S., 43 North
Atkinson, G. H. & Co., 76 Montgomery
Bachus, John, 21 Greenville av
Bambach, Geo., 546 Jackson av
Banks, Jas. Y. & Co., 249 N Y av
Barry, Edmund J., 209 St Paul av
Beck, Geo. E., 790 Ocean av
Bonner, Martin J., 92 Booraem av
†Byrne, Patrick, 434 Montgomery
†Campbell, Neil (Large), 149 Mercer
Campbell, Peter F., 877 Montgomery
†Cane, W. H. & F. W., 246 12th
Carswell, Geo. A., 11 Jones
Cole, Wm. L., 715 Newark av
†Connolly, Michael T. Co. (Large), 242 17th
†Cook, Chas. H., 389 Fairmount av
Cummings, M. & Son, 534 Mercer
†Cutley, Jos. H., 508 Pavonia av
Cristofano, Michael & Co., 148 Montgomery
†Delatush, Henry Co., 526 Newark av
†Dittmar, A. J. & Son, 261 12th
Drake & Smith, 813 West Side av
†Du Bois, Jacob (Large), 98 Oakland av
Early, Patrick M. & Co., 59 Newkirk
†Foote, Alex., 54 Oakland av
Foulkes, Jno., Jr., 103 Stegman
Freund, Hy., 735 Newark av
Gautier, Wm. H. & Co., 1 Exchange pl
Henry & McGivney, 15 Exchange pl
Holmes & Cogan, 96 Garfield av
Hughes, Jno. M. Sons, Colgate & Montgy
†Jewkes, Jos. & Sons (Large), 676 Montgy
Jones, George H., 133 Coles
Joost & Raab, 154 Delaware av
Keary, Thos., 114 Erie
Kelly, Edw. F., 197 3d
†Kiernan, Jno., 40 Mill rd
†King, Samuel B., 479 West Side av
Klein, Frederick, 232 Duncan av
Kretzmer Bros., 223 New York av
†Lane & Russell, 50 Harrison av
Lindsay, James C., 76 Montgomery
†McAndrews, Jno. T., 196 Hopkins av
McCarthy, Dennis F., 1717 Hudson boul
McDonald, Peter, 12 Bartholdi pl
Mabee, Geo. H., 261 1st
†Mahony, Thos., 196 Morgan
Martin, Henry, 90 York
Moller, Eugene, 319 4th
Mullins, Dennis, 14 Oakland av
Niblett, Henry Z., 198 R R av
Noonan, Robt. D., 20 Sussex
Palisade Construction Co., 15 Exch pl
Pickell, Geo. J., 521 Com'paw av
Robertson, Wm. & Son, 15 Exchange pl
Rock, Bruno H., 172 St. Pauls av
Rowland, J. T. & Son, 197 1st
†Shanley, B. M. & J. F. Co., 26 Exch pl
Shedden & Simms, 46 Prescott
Smith, Nat. E. & Son, 576 Newark av
Stern, Wm., 168 Woodlawn av
Stillman, F. M. Co., 26 Exch pl
Stuart, Jas., 40 Kearney av
Tucker & Stonier, 23 Gregory
Tumulty Bros., 59 Brunswick
Van Keuren & Son, Prior & Grand
†Warren, James, 199 Morgan
†Wheelihan, Jno. & Sons, 763 Montgy av
†Whyte, Wm. R., 34 Oakland av
Youmans, Wilbur, 36 Oakland av
Zahn & Borcherding, 89 Bleecker
Zwernemann & Son, 1 McPerson pl

JULIUSTOWN—Allen, Geo.
Stackhouse, Jonathan

KEARNEY—(See Arlington).

KEYPORT—Bromer, Jacob W.
Brown, C. H.
†Davison & Marks
Geran, Alfred D., 29 Main
Hulsart, Michael
Tilton, George W.
Young, Chas. I., Osborn n Warren
Young, Geo. M.
Young, Henry A. & Co., 46 E 1st

KINGSLAND—Harrington, L. B., Jr.
Joralemon, Jesse

LAKE HOPATCONG—†Cook, Cyrus C.

LAKEWOOD—†Allen, Amos
†Applegate, Howard
Hyde, Walter
†Irons, George E.
†Le Compte, C. R.
Newman, Jno.
Peters, Jno. B.
†Reynolds, W. L.
†Shue, A. W.
†Starr, Elmer

LAMBERTVILLE—Green, J. S.
Parker, Fred. R.

LEED'S POINT—Blackman, Samuel
Strickland, Gideon C.

LEESBURG—Bringham, Jeremiah
Carlisle, George
Long, John S.
†McKeag, B. F.

LITTLE FALLS—†Wilson, W. D.

LIVINGSTON—Hoffman, J. F.
Smith, Nelson
Williams, Sigler

LONG BRANCH—Applegate, Enos
Bennett, Uriah
†Culberly, Isaach M
†Farry Dewitt
Hughes, R. H. & Co.
Hughes, R. H., 3d av
Sharp, Wm. N.
†Smith, Wm. R.
†White & Coyne
†Wooley & Burchell
Wright & Ryan

LUMBERTON—Hackney, Frank W.
Lippincott, Joseph R.
Watson, Moses

MADISON—†Cregar & Trowbridge
Hamilton, Francis
†Lum, Israel D.
†O'Brien, J. F.
Springstein Jos.
Ten Eick, Cornelius
†Wood & O'Donnel

MANASQUAN—†Morris, Jacob H.
†Mott, Chas.
†Mount, W. A.

MANTUA—Craig, S. H.
†Curron, A.
Dilks, Cooper
Paul, W. R.

MARLTON—Farrow, I.
Farrow, Samuel D.
Sharp, John B.
Wood, Thos. B.

MATAWAN—Lisk, C. W.
Lisk, Theo.

MAY'S LANDING—Harris, William
Kears, Thomas
Troule, John

MEDFORD—†Allen, Hy. C.
Carrigan, Stacey

Stackhouse, Jesse C.
†Stackhouse, Mark
MERCHANTVILLE—Carson, Samuel W.
†Compton, Samuel
Teghtmeyer, William
MIDDLETOWN—Pease, H. L.
Root, A. C.
MILLBURN—De Hart, Horace
Reeve, George W.
Reeve, Geo. W., Oak Ridge
Reeve, Jno. A.,
MILLVILLE—Carroll, Nelson B.
Chambers, Andrew J.
†Goodwin, Eugene B. (Large)
†Hoffman, Henry
McKean, W.
Reeves, F. & Son
Sheppard, Seeley F.
Wood, Samuel B.
MONTCLAIR—Bescherer, Jacob S., 4 Montague pl
Berggren, Wm., 41 Portland pl
Bettison, Harry, 50 Greenwood av
Bing, Edw. D., 25 N. Fullerton
Brook, Wm. H., 71 Forest
Brooks, Abraham, 179 Glenridge av
Bscherer, Jacob, 42 Park
Bunten, Geo. T., 88 Park
Campbell, Geo., 147 Forest
†Carlson, Jno. S., Greenwood av, c Walnut
Carlson, Ludwick, 36 Montclair av
Carman, Geo. R., 581 Columbus av
Crawford, Frank, 9 Label
Dodd, E. Forrest, 115 Walnut
Dodd, Isaac A., 3 Walnut pl
Dodd, Wm. B., 30 Lex av
Du Bois, Frank H., 22 Willard pl
Feltey, F. E. J., 27 Lex. av
Gardner, Jno. B., 296 Bloomfield av
Garrabrant, Jno. H., Wildwood av
Greener, Alfred, 96 Church
Lockwood, Jesse H., 115 Gates av
Meade, Horace C., 637 Bloomfield av
Myers, Wm. T., 292 Orange rd
†O'Neil, Jno. F., 68 Orange rd
†Riker, Peter D., 46 Montague pl
Sargent, Robt., 64 Forest
Smis, Benj. G., Mountainview pl
Smith, Andrew F., 15 Mountainview pl
Smith, Frank A., 90 Park
†Smith, J. C., Cooper av
Speller, Jno., 12 Frink
Stagg, Harry, 590 Bloomfield av
Styles, Silas M., 66 Greenwood av
Taylor, Warren S., 14 St. Luke's pl
Terhune, Peter, Valled rd
Van Orden, Geo., 104 Park
Williams, Wm., Linden av
MOORESTOWN—†Bispham, Samuel I
†Hansen, Henry A.
Le Coney, Horace, Central, n Mill
†Maines, George
MORRISTOWN—†Allen, Geo. W.
†Barkman, Wm. F., 6 Speedwell av
†Coe & Mitchell (Large)
†Compton, D. M., 6 Harrison
†Couch & Smith, 26 Ann
†Dalglish, Robt
Davis, W. E. (Stair Builders)
†Greenwood & De Coster, 49 Spring (Large)
†Kuttel & Tiffenbach, 123 Morris
Lee, C. F.
†Lindsley, Chas. R., rear of P. O.
†Schenck, Aaron
†Reeve & Burr, opp Depot (Large)
†Toms, Stuart M., Atno av c Clinton
†Wildey, David H.
MOUNT HOLLY— †Bullock, W. L. (Large)
†Esham, E. W.
Howell, Frank P.
†Huff, Isaac B.
MULLICA HILL—Iredell, J. F.
Lippincott, Henry
NEWARK—Allen, Wm. H., 8 Bloomfield av
Alward, H. C., 74 Summer av
Anderson Construction Co., 269 Runyon la
Austin, John, 256 Market
Baker & Evans, 35 Arlington
Baldwin & Johnson, 6 Willow
†Becker, L. C., & Bro., 504 Bank
Behler, Fred., 24 Dey
Bingham, Wm. K., 375 Mulberry
Blair, James, 99 Jefferson
Cadmus, James, 21 Essex
Callan, Jno., 21 N 13th
Carnahan & Wallace, 97 Central av
Carter, A. P., 44 Webster
†Castle, Samuel & Sons, 57 Cutler
Champlin, Henry W., 198 Vanderpool
Christiansen, Wm. A., 149 Belmont av
Clark, Samuel H., 678 N 7th
Cox, Thos. F., 109 Murray
Crane, W. M., 109 Roseville av
Crosby, Jacob L., 48 Gould av
Crowder, A. J., 36 High
Davis, Jas. N., 4 Nichols al
Day, Charles T., 618 N 7th
Day, Jas. H., 131 Walnut
Dickman & Sommerock, 646 Bergen
Donehue, A. J., 144 Summer av
Doremus, Harry C., 92 Brunswick
†Doremus, H. M., & Co., 79 Orange
Drake, Elkanah, 41 Camp
Dreher, Richard, 27 Peshine av
Dunn, John H., 7 S 9th
Durphy, S. F., 121 Oliver
Eckmeter, Jas. M., 313 Halsey
Eitel & Co., Ferry cor Brill
†Enstice Bros. Co., 763 Broad
Erler, Edward E., 336 Sussex av
Ferguson, Jas. W., 376 Summer av
Ferguson Bros., 131 Essex av
†Fray & Tucker, 84 N Y av
Garrabrants, A. J., 232 E Kinney
Garrigue, Edward, 132 8th av
Gatchell, Albert N., 304 Sussex av
Gegenheimer, John P., 592 Bergen
Gegenheimer, Philip, 290 Camden
Gibson, Theodore G., 23 Warren pl
Gould, Daniel E., 152 Badger av
Gould, Henry D., 95 Commerce
Grimm, Joseph, 361 S 9th
Hammill, John, 131 Van Buren
Hardy, Fred, Court & Howard
Harrison, E. H., & Bros., 268 Market
Hauser, Julius, 88 Alyea
†Hedden, Charles M., 273 Halsey
HEDDEN, V. J. & SONS, 431 Ogden
Hoagland, C. H., 54 Garden
Hood, C. W., 678 Mt Prospect av
Hopkins, Robert L., 15th c Avon av
Huggan, Jas., 13 Arch
†Husk, M. E., 128 Wakeman av
Huxster, Edgar L., 944 Highland av
Jacobus, Jas. W., 118 8th av
Jacobus, George, 183 2d
James, Thos. M., 838 S 14th
Johnson, Samuel P., 43 Camp
Jones, William, 12 Stirling
Keating, Jas., 879 Clifton av
†Kilgus, Fred, 70 S 8th
Kirchner, Wm. C., 168 Van Buren
Kitchin & McDougall, 170 Summit
Kirk, Geo., 520 3d
Kleeman, A. E., 493 S 10th
†Knight & Lindsley, 179 Central av
Kopp, Charles, 419 15th av
†Kopp, John, 432 S 9th
Kramer, August, 644 S 13th
Krast, F. X., 71 Boston
Kuebler, Robert, 752 De Graw av
Lanning, Jas. W. & Son, 118 Market
Laughlin, Frank P., 138 N. Y. av
Lautenschlaeger, A., 184 Hamburg pl
Lee, William W., 764 Mt. Prospect av
Levy, S., 267 W Kinney
†Lines, S. D., 111 Sherman av
Locknish, Jno. M., 126 Camden
Loranger, Arthur, 12 Orchard
Lutter, Chas., 154 Seymour av
McCarthy, John, 169 Sussex av
McPeek, F. P., 275 N 6th
Maier, Christian, S 20th, n S. O. av
Meisol, M. Albert, 179 Sussex av
Merrill, Geo. M., 219 Clinton av
Mickens, Ludlow, 160 Sylvan av
Mott, W. H., 59 Newton
Mueller, Rudolph, 571 Bergen
Mulcahy, David B., 68 High
Murphy, M. & Son, 220 Central av
†Nairn, William & Co., 8 Bloomfield av
Newark Home Builders' Co., 854 Broad
Newark Mantel & Furniture Co., 59 Poinier
Nungesser, John V., 19 Hillside pl
†Oakley, E. I., 18 Walnut
†Obner & Reichert, 69 N 14th
Oliver, E. O., 196 Barclay
Orben, Chas. S., 36 Clinton
Orr, Alex. C., 108 Cutler
Osborn, Wm. H., 47 Grafton av
Parker, Wm. C., 15 Wright
†Parsons, Edward, 131 N J R R av
Peter, Lucas, 92 Niagara
Philhower, H. T., 175 Walnut
Pierson, Fred L. & Co., 71 Chestnut
Poole, Fredk., 26 Arch
Quinn, Jas., 50 Bergen
Reardon, Jno. T., 218 Oliver
Reiff, Henry J., 135 Prospect
Rhodes Bros., 245 S 10th
Richardson, Nathan, 25 Webster
Rizzolo, D. R., 128 Market
Roh, Robt., 308 S 7th
Roll, Charles W., 79 Bleecker
Romine, J. W., 116 Central av
Russell, Charles M. & Co., 109 Trel av
Sayer & Buchanan, 39 S 8th
Schaedel, Henry J., 118 Bruce
Schaufler, Albert, 459 S 17th
†Schneider, Herman C., 500 15th
Schoner, Edw. D., 75 Green
Schonover, A. D., 256 Market
Schork & Lautenschlager, 169 Hamburg pl
Schweikert, Reinhold, 50 Jacob
Sharp, Thos., 143 Penna av
†Sharwell, Samuel C., 312 N 6th
Shaw, Jas. G., 75 Chestnut
Shaw, James J., 85 Chestnut
Sheldon, John S., 220 Market
Skolnick, Jacob, 204 Broome
Smith, Frank R., 92 Clay
Smith, G. J., 149 Sylvan av
Smith, Jos. M. Co., 15 Nassau
Sullivan, W. J., 612 Bergen
Taylor, Wm. F., 313 Chestnut
†Terhune, F. A., 668 Mt. Prospect av
Thompson-Stairett Co., 51 Wall
Toepper, A., 191 W Kinney
Townley, Wm. H., 138 Milford av
†Trautwein, Geo. & Son, 296 W Kinney
Trautweir, Gottlob, 291 Norfolk
Trivett & Walters Co., 103 Brill
Tunstead, George S., 222 Norfolk
Utter, Frank N., 186 Brunswick
†Van Houten, Wm. H., 186 Orange
Van Ness, Frank E., 32 Bleecker
†Varley, George, 29 Hudson
†Vliet, E. B., 40 Lafayette
†Vliet, W. & J., 85 Academy
Vogel, H. W., 35 Rose
Vreeland, D. H. & F., 112 8th av
Vreeland, J., 356 S 8th
†Vreeland, Jas. F., 90 Oration
Wakefield, Robert F. & Sons, 174 South
†Waldron, E. M. & Co. (Large), Cabinet c S 6th
Webber, Geo. A., Poinier c Pa av
†Williams, Runyon & Milne, 64 High
Willison, James T., 216 Bloomfield av
Wilson, Charles A., 92 Parkhurst
Winterbottom, Theo. L., Kirk's al nr Ward
Winterbottom & Van Houten, 148 N J R R av
Wittel, Jacob, 550 Bergen
Young, Henry, 65 James
Young & Nolan, 403 Mulberry
Zeliff, J. S., 11 Hinsdale pl
Zeliff & Jacobus, 116 8th av
Zwigard, Frank, 741 S 20th
NEW BRUNSWICK—Board, Lewis, 126 Easton av
†Britton, Israel, 180 Baldwin
Croken, Jno. H., Talmadge n Livingston av
†De Hart, Stephen H., 287 Redmond
†Dunn, Charles A., 10 Spring
†Eagen, Jno., Hamilton c Guilden
†Hardy, Thos., Jr., 262 Seaman
†Holman, J. & T., 180 Townsend
†Leary, Wm. E., 299 Powers
McDowell, Geo. R., 228 Suydam
†Manly, Andrew T., 12 Easton av
†Outcalt, Jacob V., Townsend & Drift
†Rule, George B., 71 John
†Sedam, Jos. A., 253 George
†Sylvester, Chas. C., 177 Redmond
Van Deursen, Jno., 120 New
†Van Nortwick, Wm. B., 77 Neilson
Wright, Albert M., 202 Handy
Wright, Pascal L., 74 Jersey av
NEWFIELD—Daughtery, F. S.
Jones, Wm. R.
Woolford, John
NEW GRETNA—Leek, John P.
Loveland, Chas.
Sherman, Josiah
NEW MILFORD—†Cooper & Demarest
NEWPORT—Bass, Clinton
Gandy, Franklin
NEWTON—†Trace, Geo. W.
Glesner, Chas. M.
Lattimore, Hugh
†Walker, Geo. A. (Large)
NUTLEY—*Cueman, A. & S.
Kierstead, Lester
Whitefield, Henry M.
OAKLAND—†Demarest, Samuel P.
OCEAN CITY—†Bourgeois, Geo. A. & Son
Champion, Jos. G. & Co.
Cordery, Lewis E.
†Corson, Leander S.
English & Johnson
Hand, Jos. F.
†Moore, G. P.
†Sampson, Samuel B.
†Stanton, H. N.
OCEAN GROVE—†Carman, Jno.
†Dey, Jno. M., 137 Main

Emery, C. N., 121 B'way
†Griffin, M. C., 66 Heck av
Jeffrey, Jno. E.
Oakley, E. V.
†Proctor, F. A.
†Spinning, Frank
†Watson, L. E., 52 S Main
OCEANIC—Bruce, W. H.
Jeffrey, Chas.
Pearsall, Wm.
Seaman, Geo.
†Wyckoff, Chas. E.
†Yeomans, Jno.
ORANGE—Anderson, Jas. S., N Center & William
†Attridge, Thomas, 18 N Centre
Ayres, Edw. B., 21 Reock
†Berryman, John, 7 Alder pl
Brown, Jos. M., 59 Greenwood av
Callaway, Fred'k W., 249 Main
Carhart, Hennell, 26 Stetson, O. V.
Cooke, Geo., 5 Alden pl
Cowell, C. E., 10 Academy
†Curtis, Alfred G. & Co., 119 Essex av
Dailey, Geo., 143 William
De Coster, Chas. H., 163 Scotland
Doc, Wm. H., 36 Tremont pl
†Fairchild, Peter B., 21 Reock
†Ferguson, Thos., 131 Essex av
Frederick, Albert, 263 Wash'n
Gassner, Jos., 144 Alden
Gray, Wm. H., 150 Lincoln av
Hedden, Morris, 67 Argyle av
Heihig, Louis, 13 Berwick
†Hoffman, John A., 86 S Jefferson
†McCloskey, Charles A., 87 Lakeside av
Matthews, Clifford, 17 Minton pl
Matthews, Henry M., 8 Minton pl
Meeker, C. B., 50 Mechanic
Morlock, Sebastian, 19 N Jefferson
Neil, Chas., 94 Watchung av
†Oakley & Roberts, 211 White
Pearce, George, 203 Tremont av
Pearson, Alex. E., 63 Centre
Porter, Wm. R., 4 Fairview av
†Preiss & Co., 127 Essex av
Pring, Jno., 277 Main
Schweinberg, Fred'k, 58 S Jeffn
Sickler & Vreeland, 200 Scotland
Smith, Junius W., 67 Tremont av
†Smith & Edwards, 24 N Centre
Smith, J. W., 67 Tremont av
Tomkins, Horace B., 161 Scotland
White, Edward, 146 Day
Wolfe & Jilson, 30 Oakwood av
PALERMO—Corson, Lelander
Price, Chas. E.
PALMYRA—Bishop, Joseph
Miller, Warren
PARRY—Courtney, William
PASSAIC—†Bakeland & Whritenour Co., 64th
†Baker Bros. Bond n Paterson av, Wallington
Berridge Bros, 200 Harrison
Bolton, Geo. B., 328 Lafayette av
Boon, Meindert, 164 Jackson
†Burrows, A. W., 259 Highland av
Coman, M. J., 30 Bloomfield av
Conant, W. F., Clifton av n 2d
Davis, W. L., 136 Quincy
†Devanney, Jno., 11 Wall
De Vries, Danl., 229 Hope av
Draper, Aug., 77 Columbia av
Dyckmann, Geo. W., 278 Bloomfield av
Galvin & Conkling, 125 Wash'n av
Geens, Mathew, 47 Maple
†Glassner, Sol., Monroe c 6th
Hetteman, Harry A., 237 Summer
Jelleme & O'Leary, 185 Main av
†Kevitt, E. N., 25 Garden
†Kuller, Nathan, 44 Quincy
Lyon, G. S. & Co., 341 Bloomfield av
Moreland Bros., 52 Lexington av
†Morrell, Edward & Son, Prospect st & Howe av
Roosman Bros., Highland av
Sarapie, Sol., 94 Quincy
Snoop, Herbert, 26 Spruce
Strong, Lambert, 236 Summer
Van Hine Bros, Lafayette n Wickham
†Warshow, David, 222 Columbia av
Westenbrook, Ira, 144 Burgess pl
Whitelow, Thos., Bloomfield av n D L & W R R
Woods, Jno., 133 Summer
PATERSON—Ackerman, Saml., Peel c E 7th
Alher, Henry, 101 Lyon
†Atkinson, Jno., Jr., 732 Market
Banim, Wm., 426 Market
†Becker, Chas., 255 Atlantic
†Berdan, Jno. R., 29 Hamilton av
†Berger, Gotlieb, 110 N 8th
Berry, Jno. M., 129 Paterson av
†Blauvelt, Augustus, 148 Governor
Blauvelt, John, 308 Tyler
Boversma, Peter, 131 Peel
Bogert, C. C., 89 N 3d
Bounds, B. P., 24 Temple
Braddock, James, 375 Crosby av
Brandes, Lambert, 131 E 16th
†Breen, Leonard, 45 Lowe
Breen, Leonard, Jr., 39 Watson
Bush, Bernard, 115 Straight
Bush, J. G., 77 Madison av
Dawson, Sam'l C., 86 Graham av
†De Bawn, James & Son, 195 16th av
Deeths, Milton, 28 Holsman
Demarest, I. B., 192 Park av
De Ruyter, Peter C., 47 Watson
De Vries, Peter A., 73 Butler
†Dickinson, Andrew, 82 Goodwin
Dickinson, W. H., 146 E 31st
Donnelly, Francis E., 263 Sussex
Eakins, J. W., 153 Pearl
Eelman & Brooks, 859 Market
English, Saml. S., 153 Pearl
†Fanning, Jos. H., 77 Ellison
†Fek, Jacob, 148 N 3d
†Ferguson, Jno. W., Paterson Nat Bk bldg
Gardenier, Jno., 219 Water
Gery, Jno., 60 Montgomery
Gohle, C. W., 306 River
Gravatt, Chas. C., 192 Hamburgh av
†Groves, Samuel, 11 Paterson
†Gutherson, W. T., 103 Goodwin
†Hamilton, Job, 83 Jefferson
Hanlor, Wm., 426 Totowa av
†Hartley, Jno. S., Mill opp Van Houten
†Henry, David Building Co., 6 Smith
Hodge, Roht. M., 488 Main
Hogan, D. M., 30 Mary
Holtsma, Peter, 257 E 23d
†Hopper, Jno. H., 148 N Main
Hopper, Peter R., 56 N Straight
Jackson, Chas. E. & Co., R R av & Clay
Jackson, Frank R., Beckwith & Mainz
†Jackson, Geo., 42 Virginia av
†Jacobus, Chas. G., 80 River
†Jersey, Theodore, 278 Tyler
†Kavanaugh, Edw. A., 53 Cortland
†Kay, James E., 95 Haledon av
†Kell, Jos., 12 Chadwick
Kellher, Hugh, 141 Martin
†King, Albert, 90 Madison
Kinney, H. C., 75 Henry
Knott, Jacob, 219 Clinton
Kook, Bernard, 157 Lyon
Kort, Martin, Jr., 154 E Main
Lynch, Michael, 1245 Madison av
Lynch, Patrick, 552 Main
†McCormack, Thomas, 43 Wayne av
†McKiernan & Bergin, 1st Nat Bank
†Mesereau, Chas. H., 724 E 28th
Miller, Andw. W., 548 E 22d
Miller, Jno. L., 149 Park av
Monroe, Geo., 69 Paterson
†Moshier, Stephen H., 94 Albion av
Mullen, P. A., 45 Morris
Persen, Jno. H., 25 Temple
Petric, David, 333 15th av
Plajet, A. W., 51 Goodwin
†Prall, Leonard W., 3 Jane
†Quackenbush, Danl E., 14 Knickerbocker av
†Quackenbush, N. C., 177 Madison
Quigley, Jno. J., 363 Marshall
Riley, Jos., 219 Ellison
†Rogers, Jeremiah M., 65 Marshall
†Romaine, Lambert, 7 Lake
†Sandford, Leonard, 219 Paterson
Schamach, Saml., 85 Prospect
†Schwartz, Henry, 131 Gould
Seaman, W. H., Jr., 155 N 7th
Shippe, Jos. F., 127 N 7th
Sikerlec, Nan, 1060 E 22d
Simpson, L. M., 533 Totowa av
Standing, Wright, 434 Market
Stifel, Bernard, 56 Sassafras
Strait, Warren N., 130 Marion
Straut, Andw., 275 Pacific
Taylor, A. H., 65 Wayne av
Taddeus, Jacob, 67 Keen
Tiddes, Jacob, 126 N 4th
†Vanderbeck, J. R. & Co., 29 E 15th
Vanderveer, Edw., 46 Haledon av
†Van Emburgh, Jeremiah, 276 B'way
†Van Houten, A. B., 74 Paterson
Van Houten, Adrian G., 140 N 1st
†Van Houten, James, 81 Goodwin
†Van Kirk & Co., Fulton & Erie R R
Van Ostenbredge Bros., 278 6th av
Weir, Jas., 44 Oak
†Weir, Jas. H., 73 Crooks av
†White, Jas., 186 Mill
Winters, J. W., 75 Hamburgh av
†Zabreskie, Elmer E., 14th & Madison av
PAULSBORO—†Ackley, D. R.
Adamson, Wm. J. (Large)
Titus, Chas. M.
PENNINGTON—Drake, R. H.
Lanning, Wm. L.
PENN GROVE—†Barber, Chas. E.
†Denny, Charles F. (Large)
†Keen, Edward
†Titus, Hudson S.
PENNSVILLE—†Brown, Harry C.
†Palmer, Chas.
PERTH AMBOY—Crouse, Ira R.
†Dayton, Spencer & Son
Donohue & Leavy
Dressler & Hollander
†Koyen, Emil
†Mercer, Geo. W. (Large)
Perrine-Buckelow Co.
Petersen & Jacobsen
Seyler & Welker
†Wickstrom, Axel
PHILLIPSBURG—Connolley, Jno. J.
Kinney, A. G.
†Laubach, Casper (Large)
PHILLIPSBURG—†Kinney, A. G.
†Laubach, C. J. (Large)
†Mutchler, Connelly & Donnelly
PITMAN GROVE—Carry, G. W.
Champion, E. L.
†Lord, Samuel
PLAINFIELD—†Abbott, John, 413 W Front
†Augleman, Abraham, 540 W Front
†Bodine, Jno., 33 Grandview av, N P
†Bohl, Wm. H., 57 Grandview av, N P
†Brokaw, Wm., 661 W Front
Bullman, Geo. W., 34 Manning av, N P
Cain, Bryant R., 17 Grandview av, N P
†Compton, Alfred H., 961 W Front
Cottrell, Philip, 556 E 2d
Dahl, Jno. S., 127 Beckman
Doane, Chas. E., 56 Norwood av
Force, David N., 426 Carlton av
Hammond, Leander W., 79 Manning av, N P
Hansen, Herman, 221 E Front
Higgins, Jno. D., 15 Stone, N P
Hoffman, Henry H., 688 W Front
Hoffman, Scring P., 27 Duer, N P
Holcomb, Horace, 45 Mountain av, N P
Hulbert, Ira G., 1136 W Front
Hummer, Geo., 22 Stone, N P
Kirch, Jno. D., 128 Duer, N P
Kirch, Wm. H., 66 Duer, N P
Lloyd, Jno., 173 North av
Lunger, Jas. S., 90 Westervelt av, N P
McNally, Jno. A., 675 W 4th
Manning, J. & Son, 1054 Dunellen av
Mills, David A., 104 Summit av, N P
Mills, Jno. B., 917 Watchung av
Milne, Jno. C., 31 Harrison av, N P
Mundy Bros., 312 Spooner av
Noel, Chas. J., 281 Jackson av
Overland, Jno. H., 815 W 4th
Palmer, Henry R., 522 E 2d
Paugborn, Jas. F., 1088 Arlington av
Pearson, Wm. J., 15 Vine, N P
Pound, Walter S., 447 W 5th
Randolph, S. F., W 8th n Clinton av
Reighton, Geo. W., 1270 Park av
Ruckman, Wm. H., 81 Manning av, N P
Runyon, Augustus S., 114 Lafayette pl
†Saums, Ralph V., 36 Clinton av
†Schenck, Edgar C., 36 Jackson av, N P
Silvers, Randolph G., 112 Westervelt av
Smalley, Ambrose, 16 Linden av, N P
Smith, Wm. H., 345 Watchung av
Stimpson, Chas., 203 W 6th
Stryker, Arthur A., 1122 Grant av
Ten Eyck, C. B., 74 Franklin av, N P
Thatcher, Bateman, 136 E 4th
Titus & Pope, 39 Summit av, N P
Wilson, Chas. M., 206 W 6th
Winckler, A. J., 32 Park pl, N P
Wyman Haberle, 309 W 4th
Young, Byron E., 337 Watchung av
PLEASANTVILLE—Adams, Elijah
Adams, Joel E.
Adams, Pardon
Race, John
POINT PLEASANT—†Erickson, Peter R.
Neary, H. W.
POINTVILLE—Gaskill, Aaron
Pancoast, Charles
PORT MONMOUTH—Seyfert, Wm.
PORT MORRIS—†Allen Bros. & Reynold
†Allen, J. T. & Bro
Dixon, C. H.
PRINCETON—Stillwell, S. H.
†Warren, Wm. J. & Son
Wright, James C.
Wright, Josiah W.
RAHWAY—†Cox, D. H.
†Lampher, Henry
†Lockhust, Jas. H.

†Moore, J. T.
†Muddell, E. & Son
†Westervelt, Wm.
RANCOCAS—Bounds, Elwood
Funk, Charles
Malloy, Jas.
RARITAN—†Dilts, Asa R.
RED BANK—†Baldwin, Geo. W., 71 White
Bennett, Wallace H.
†Cooper, Francis C.
†Davis, T. B.
Denise, F. C.
†Gaunt, Sam'l M.
Gill, Hy. E.
†Morton, Walter H., Broad n Irving
Rogers, Chas. A., 36 Maple av
Root & Dibben
Stillwagon, Daniel B., 64 Tower Hill av
RICHLAND—James, David J.
Parks, S. Thomas
RICHWOOD—†Lacy, W. A.
†Munyon, Thos.
RIDGEWOOD—Van Dien, J. B.
†Zabriskie, P. G.
RIVERTON—†Bishop, Jos.
†Grant, A. A.
†Lowden, Louis
†Ruddcrow, Samuel
Schmidt, Jacob
ROADSTOWN—Smick, Isaac
ROCKAWAY—Berry, David C.
Mattox, S. M.
Schofield, Geo. E.
ROSELLE—Hope, James W.
Meeker, John N.
ROSENHAYN—Creamer, N. L.
Garton, John
†Williams, Chas. J.
RUTHERFORD—Bachman, Henry
†Beck, Louis
Emerson, Chas. C.
†Hackett, Augustus P.
Howard, Chas. H.
†Nicholas, Isaac B.
Planer, Chas.
Rohrback, Jacob
SALEM—†Bell, W. W. & Co. (Planing Mill)
†Dunham, James E.
Hall, Geo. M.
†Powers, John
†Sickler, Henry F.
SCOTCH PLAINS—†Bornman, Jno.
†Trentz, August
SEABRIGHT—†Fowler James
Prichard & Williams
†Shropshire & Fary
SEA ISLE CITY—Frederick, W. T.
Hues, Isaac A.
Huntley, Uriah H.
†Petersen, Jacob L.
SEAVILLE—Corson, Nicholas
Corson, Leander
Hoff Bros.
SEWAREN—Hughes & McIlroy
SHILOH—Ayars, Frank
Davis, Albert
SHREWSBURY—†Borden, R. & A. W.
†Borden, Wm. L.
SMITHVILLE—Appleton, Marcus
SOMERVILLE—Brown, James B.
Conover & Gunzleman
†Perrine & Wagoner
†Stryker, H. C.
SO. AMBOY—Disbrow & Slover, Bordentown turnpike
†Inman, Wm., Feltus av c Ferris
Munn, Wm. L., Henry n Stevens av
†Sexton, J. A., B'way c Main
Stilwell & Hughes
SOUTH ORANGE—Armstrong, Samuel, Munn av n S Orange av
Badger, John, 71 Valley
Bearder, Gideon B., Halsted nr S O av
Coon, Rodman, 176 Valley
Heffer, Henry, 10 Sloan
Howard, Geo. W., 44th nr Halsted av
Huggan & Shiels, 16 Valley
Neuhaus, Fred., 11 Grove
Smith, Calvin, 63 Valley
Snyder, Chas., Norwood c S Orange av
Van Iderstine & Odell, 11 1st
White, Leslie B., Crawford nr S. O. av
Young, Peter Y., 452 Valley
SOUTH SEAVILLE—†Blake, George A.
Collins, J. P. & Bro.
STANHOPE—Clift, T. J.
Drake, A. J.
STANWICK—Lovesey, H. C.
Rodgers, J. S. Co. (Large)
STEWARTSVILLE—Stone, R. K. & Bro.
SUMMIT—Campbell, G. W.
Hughes, John W.
†Lum, George E.
McManc, Wm.
Ovens, James G.
Swanson & Nelson
Wood & O'Donnell
SWEDESBORO—†Hunter, John M.
Souder, William W.
TENAFLY—Atwood, L. D. & Co.
†Harold, John P.
Johnson & Buckley
Newcomb, William
†Vail, E. G.
THOROFARE—Denster, Jacob
Wilson, John T.
TOM'S RIVER—Brewer, Charles T.
Gilberson, W. T.
Haines, W. D.
Harris, Franklin
TOWN OF UNION—(P. O. Weehawken)
Clark, James, 231 4th
Clark, William, 508 Fulton
Henke, Paul, 226 Palisade
Husser, Gottlieb, 130 Main
Kuenzler, William, 612 Blum pl
Nielson, John, 314 Franklin
Walentowitz, Albert, 5 Palisade av
Woolmington, Chas., 315 Harrison pl
Woolmington, John H., 270 Hudson blvd
TRENTON—Adams, Daniel, 50 Commerce
†Adrendt, H., 757 Beatty
†Berry, P. J., 128 N Warren
†Cadwallader, Cyrus, 517 Monmouth
†Case, A. J., 701 Chestnut av
Clark, Alex., 195 W Hanover
Clayton, H. I., 264 Bellevue av
Cooper, Fredk G., 14 Dickinson
Cornish, A. H., 129 Brunswick
†Cox, W. C., 1523 S Clinton av
†Cray, Martin, 309 S Clinton av
†Cubberly, D. I., 246 E Front
Douglass, Albert S., 32 Lamberton
†Fell, Geo. E., 6 Ribsam Bldg (Large)
Foraker, J. T., 659 Stuy av
Forsyth, Joseph, 403 Division
†Garmer, B. J., 1014 Chestnut
†Gibbs, Harry, 1061 S Broad
Harle, W. A., 114 Bayard
†Haslach, Henry, 225 2d
†Hooper, Jno. W. (Large), 439 E State
†Hunt, Wm., 219 Passaic
Jemison, T. M., 114 Butler
†Johnson, A. S., 321 S Warren
Johnston, R. S. (Large), 312 S Broad
†Kafer, Chas. (Large), 115 S Stockton
Kent, Reuben, 1119 Anderson
†Kirk, Wm., Jr., 223 Hamilton av
†Kite, Peter F., Factory and Broad
†Laird, Geo., 425 Princeton av
†Lanning, J. W. (Large), 314 N Broad
Lindsay, Jno. N., 517 S Warren
Martin, Jos., 228 Academy
†McIntire, C. H., 417 N Montgomery
McNeal, R. L., William & Chambers
Martinette, W. E., Melrose av
Meara, Jas. A., Pennington av
†Meara, J. A., Pennington av
Meyer, Wm. H., 40 Barnes
†Mills, Wm., 453 Chestnut av
†Morgan, W. J., 307 Bellevue av
†Morgan, Wm., 829 Division
†Mutchler, W., 72 Division
Myers, Lemuel G., 320 N Willow
†Parrish, C. W., 29 Morris av
†Proctor, Phineas B., 53 Garfield av
†Radford, Jos., 946 Lamberton
†Randall, A. A., 509 Market
†Risdon, John, 123 Mott
†Skillman, A. J., 220 E Hanover
†Slack, G. H., 234 Morris av
†Sutton, Israel S., 414 Market
†Terry, S. B., 89 Lamberton
†Trier, J., 61 Pennington av
Voorhees, Ashley C., 592 Brunswick av
†Willey, E. S. & Bro., Broad st Park
Woodward, John, 1322 S Clinton av
TUCKAHOE—Godfrey, Hiram
†Parker, Thomas
†Steelman, John R.
TUCKERTON—Headley, S. C.
TURNERSVILLE—McCurdy, Thomas
UNION HILL—(See Weehawken)
VERONA—Jacobus, George H.
Jacobus & Farrand
Jacobus, Raymond V. N.
VINELAND—Allen, William E.
Capen, George P.
Charleson, Andrew
Clark, George H.
Down, John S.
Foulk, Walter F.
Turner, John
Turner, Walter E.
WADING RIVER—Williams, Jesse L.
WALDWICK—Halsted Bros.
WASHINGTON—†Bryant, William R.
†Devemer, James P. & Sons
†Lance, Archie
WEEHAWKEN—Becker, Charles
Hauser, Albert, 103 Maple
†Kleinke, August F., 1576 Palisade av
Kleinke, Fredk. R., 568 Palisade av
Leach, James F., 12 1st
†Saldarine, Jos., 564 Palisade av
†Schwartz, Frederick J., 62 Bonn pl
WENONAH—†Brown, D. W.
†Chew, S. H.
Martin, Chas. H.
WESTFIELD—†Hodge, Wm., 204 S Broad
†Huffman, Grant, 168 Mountain av
†Murphy & Son, 109 Westfield av
†Knapp, Samuel, 170 Downer
Moffet, James
†Sparkman, W. N., Quimby c Elm
†Weekes, Chas. L., 274 North av
†Wilcox, John N., 103 Central av
†Winter, Edw. C., 44 1st
WEST HOBOKEN—Adriance, Franklin, 521 Clinton av
Bayer & Dawson, 150 Wechawken
†Bove, Hobart, 700 De Mott
Hughes, Josephus & Son, 535 Elm
†Kleinke, F. R., 568 Palisade av
Pinnow, Emil, 371 Clinton av
Reich, G. R., Hackensack plk rd
Schlopmann, Henry, 144 Hudson blvd
†Twohy, Peter, 513 Malone
WEST LONG BRANCH—†Kruge, Frank F.
Monroe, V. P.
WEST NEW YORK (P. O. Taurus)
†Gerisch, Chris., 13 75th
Mingst, Nicolus, 14 15th
Swartz, George, King n Pierce av
Thos & Tepper, 10 Wallace
WEST ORANGE—Delaney, Francis, 53 Gaston
Drummond, Thos. S., 262 Watchung av
Flemming Bros., 10 Watchung av
Hansen, John C. & Son, 10 Joyce
Hays, Frank B., 15 Whittlesey
McCloskey, Chas. A., Lakeside av
Vogel, Adolph, 35 Park av
Williams & Woodruff, 39 Park av
WESTWOOD—Ackerson, James H.
Delaney, Andrew A.
Horn, A.
WOODBRIDGE—Drumond, B. L.
Lee, John F.
WOODBRIDGE—Lee, John F.
McElroy, James M.
WOODBURY—Allen, Thompson
†Best, Joseph B.
Garrett & Ridgway
WOODSTOWN—†Carney, Samuel
Parker, Thomas B.
†Stretch, James G.
YARDVILLE—Bowers, John W.
Clymer, John
Cubberly, Isaac
Parent, Henry P.

NEW MEXICO.

ALBUQUERQUE—Archie, William
Bliss & Weir
Edick, George
Fox, R. P.
Hayden & McCluer
†McQuade, J. W.
†Medler, E.
†Strong, W. W.
DEMING—Elliott, Huss & Co.
LAS VEGAS—†Best & Treverton
†Elder, Thomas
†Hill, John
†Marlin, J. K.
†Morrison Contracting Co.
†Smith & Mair
RATON—Givens, J. R.
Stevens, C. D.
ROSWELL—Trotter & Daniels
SANTA FE—Soehnchen, W. H.
Windsor, A.
SILVER CITY—Black, Robert
Laizure & Grabe
SOCORRO—Chase, E. T.
Faddis, F. C.
Lurnbough, L.

NEW YORK.

ADA—†Gallagher, John
AKRON—Belger & Corbett
ALBANY—Albany Construction Co., 93 State
Albany Material & Construction Co., Tweddle bldg

Alexander, Wilbur, Maple av
Bell, Thomas, 26 Quackenbush
†Blake, Peter, 173 1st
†Burdiek, James H., 651 B'way
Christian, F. W., 167 S Swan
Close, Richard, 438 Sheridan av
Coleman, Patrick, 15 Warren
Collins Bros., Bensen bldg
Cook, Asbury, 197 Elk
Davis, Chas. J., 29 Herkimer
De Tiere, F. J., 140 Madison av
†Dyer, Jno., Jr., Albany Trust Co. bldg
Dunfee, John & Co., 38 State
Federal Construction Co. of Albany, 51 State
†Feeney & Sheehan (Large), 160 Montgomery
Fiset, Michael, 253 S Pearl
Fleming, James P., 362 Mad av
Gabriel, Otto, 38 Alexander
Gander, Anton, 14 Osborne
†Giek & Sayles, 264 Hudson av
†Giguere & Lebuis, 23 Plain
Holmes, J. M., 207 1-2 Jay
†Keeler, Peter, Bldg (Large), 464 Orange
†Keeshan, Dennis J., 117 Elk
Kelly, James J., 125 Beaver
Kelly, William, 233 Western av
Keyes, Charles E., 18 William
Kirseh, John, 140 Philip
Kirk, Driscoll & Co., 38 State
†Knuth Bros., 175 Quail
Kroman, H., Jr., 513 1st
Laden, Jas. H., 3 Van Zandt
†Laird, Peter & Son, 26 Howard
Ludlam, Henry C., 122 Perry
†McCann, Patrick (Large), Dove cor Sheridan av
Mead, Maurice, 237 Sheridan av
Molitor, Jas. & Son, 645 3d
Mullin, Andrew J., 64 Hamilton
Nicoll, Wm. C., 179 Lark
Ogier, Charles F. & Son, 476 2d
Olena, Henry F., 4 Grand
†Pattinson, Jas. W., 269 2d
Pasquini, Attilio, 86 State
†Ryder, M. L. Building Co., 217 Lark
Stecher, Geo., 149 4th av
Sewell, J. & J. W., 15 W Spring
Steel-Concrete Construction Co., 100 State
†Stephens, Thomas & Sons, 277 Lark
Strevel, George, 134 Chestnut
Van Dyke, C., 11 Mosher
†Van Patten, J. A., 19 Garden
Van Wormer, Henry, 208 Central av
Waldbillig's Sons, 423 1st
Walsh, E. A. (Est.), 165 Madison av
Washburn, Wm. E., 415 1st
Wensley Bros., 81 Bradford
Wensley, Richard, Lancaster nr Allen
White, Jas. H., 7 Trinity pl
†Wickham, Richd., Jr., Chapel & Sheridan av
†Winchell, Jos. H., 431 S Pearl

ALBION—†Bowles, Jno.
†Buell, Ward S.
Gage, Jno. H.
Grear, P. L.

ALDEN—Johnson, J. M.
Witty, W.

ALEXANDRIA BAY—Ellis, Jas M.
†Reid, J. B.

ALFRED—Crandall, J. R.
Place, W. O.

ALLEGHENY—Snyder, Benj.

ALTAMONT—Livingston, J. P.
†Shoonmaker, Hiram
†Weaver, I. J. & Son

AMITYVILLE—Ketcham, E. & Sons
Ketcham, T.
Ketcham, W.
†Purdy & Ketcham

AMSTERDAM—†Bauder, S. P., 20 Clinton
Carson, Silas, 16 Lombard
†Clemens, Chas., Caroline c Division
†Grieme, Henry C., Erie
Jones, Jno. B., 16 William
†Lasher, Jno. D. (Large), 204 Spring
†Machold, B. P., 19 McDonnell
†McNeils, C. Son, 96 Spring
†Paris, Justus C., 168 W Main
†Smith & Frederiek, R. R. pl
†Wright, George, 147 W Main

AQUEBOGUE—Aldrich, John E.
Corwin, Wm.
Smith, Elisha, Old South rd

AQUEDUCT—(See New York City, Borough of Queens)

ARDSLEY—†Greennan, Jno.
Hardy, Chas.

ARVERNE—(See New York City, Borough of Queens)

ATTICA—Boehme & Walker
Ranger, Wm.

AUBURN—†Almutt, Jno. L.
Bowen, L. P.
†Carl, L. R.
Carr, James
†Dean, T. R.
Derby, C. W.
Freese, Stephen
†Hoover, John
†Talbot, Jas. L., 125 Penna av
†Hugg, H.
†Miller & Krieglstein
†Springstead, Don F.
Stout, James C.

AVOCA—†Redhead, Thomas J.

BABYLON—Ketcham, W. A.
Howell, Elmer W. (Large)
Burton, Chas. W.
†Kellum, Henry J.

BALDWIN—†Payne, Edwin H. (also Lumber)
Smith, Forest D.

BALDWINSVILLE—†Kinslow, J. & Co.
†Lonergan, S. J.
†Miller, Wm. H.
†Richardson, Wm.
†Thomas, Jno.
Van Dusen, Geo.

BALLSTON SPA—†Bush, A. J. (also Lumber)
†Streever, Chas. H.
†Thompson, Dan'l (Large)

BARNARD'S CROSSING—Defendorf, Geo.

BATAVIA—†Brice, Jno.
†Bucholtz, Jno.
†Cummings, J. S.
†Glade, Jno. (Large)
Homelius, H. W.
†King, Asa
†Pickert, Jno.
†Readshaw, John
†Savacool Bros.

BATH—†Clough & McChesney (Large)
†Davison, W. H. & R. J. (Large)
†Miller, J. W. (Large)
†Shannon, M. E. (Large)

BATH-ON-HUDSON—†Dahm, Geo. B.

BAYPORT—†Ashley & Breckinridge
†Penny, Sam'l

BAYSHORE—†Homan, L. G. (Large)
†Hulse, Van Buren
†Kirkup, Chas. E.
†Pullis, Jno. B.

BAY SIDE—(See New York City, Borough of Beach)

BEACH RIDGE—†Miller, Martin W.

BEDFORD STATION—Griffin, G.
Mills, G. H.
Mills, Nathan

BELFAST—Histed, Geo.
Koudolf, J. P.
Sullivan, Frank

BELLPORT—†Carman, Geo.
†Hawkins, Edw. H.
†Robinson & Watkins (Large)

BELMONT—†Bower, J. & Son
†Haynes, Clark

BERGEN—†Munger, C. N.

BERLIN—†Sheldon, Harvey J. (Large)
†Sheldon, Henry E.

BERNE—†Wolford, Chas. H.

BINGHAMTON—†Ackerman, Cornelius H., Ackerman bldg
†Alden, Geo. H., 22 MilFord
†Armstrong, J. H., Moeller & George
†Barton, Geo. W., 20 Birch
Boughton, E. A., 63 Collier
Buck & Ireland, Ackerman bldg
†Coffin, A. N., 69 Broad av
†Cosgrove, Patrick J., 241 Vestal av
†Dewey, C. F., 26 Sherman pl
†Drass, S. B., 110 Murray
†Farley, Tracy & Co., 50 Clinton
Ford, M. I., 69 De Russey
†Gernon, Hy., 38 Gaylord
†Hoyt, Broughton, 20 Telegraph
†Johnson, Wm. B., 23 Wash
Keeler & Co., 2 Catharine
Leach, Adelbert C., 515 Chenango
†Lewis & McCallum, 22 Lewis
†Meacham, T. B., 63 Grand Boul
†Mitehell & Stevens, Binghamton Sav Bank bldg
†Moffatt Bros. (Large), 22 Lewis
†Monell, C. H., 7 Chestnut
†Moore & Wheeler, 55 State
†Newing, Wm. J., 62 Walnut
†Pender, B., 26 Mather
Preston, Calvin B., 61 Hayes
†Reynolds & Son,
†Rittenburg, C. A., 207 State
†Seymour, Edw. W. & Son, 191 State
†Shirley, A. F. & Co. (Large), 90 Chenango
†Stephens, E. P. & Son, 311 Water
†Stevens, W. D., 102 Laurel av
†Sturdevant, Henry L., 52 Hayes
†Sullivan & Badgley, 155 Washn
Van Patten, G. C., 145 Riverside Drive
†Waterman, Geo. P., 15 Serrell av
†Worden, Benj. B., 17 Spruce

BLACKCREEK—McElheny, N. C.
Quinton, A. F.

BOVINA CENTER—†Coulter, James L.

BOWMANSVILLE—†Myers, L. P. (large)
†Nessler, Frederick
†Stutzman, Simon

BRAINARD STATION—Fellows, Jno. T. (large)

BRENTWOOD—†Kallan, C. W.

BREWSTER—Brewster, W. F.
†Hancock, Nath'l
Hubbell, Geo.
†McQuay, J. H. (large)

BRIDGEHAMPTON—†Fordham, E. C.
Hedges, John B.
†Ludlow, James M.

BROCKPORT—†Berry, T. C.
†Cleveland, M. A. (large)
Heinrich & Wineyard

BROCTON—†Bailey, E. J.
†Hardinger & Ferguson
†Smith, Orton

BRONXVILLE—†O'Neil, D.

BROOKLYN—(See New York City, Borough of Brooklyn)

BUFFALO—Adrian, Jacob, Jr., 579 Abbott rd
Ahner, Fredk., 1182 Jeffn
Alderman, Fredk. G., 213 W Utica
†Allison, Jos. F., 50 Plymouth av
†Arend, Henry, 2202 Main
†Argus, George, 220 Forest av
Barrows, Chas. P., 274 Dewitt
†Batt, Chas. A., 38 Northampton
†Baynes, Henry T., 17 Riverside av
Berrick's, Charles Sons, 1151 Main
†Bingel, Conrad, Jr., 618 Oak
Boysen, Wm. F., 209 Hoyt
Brady, Jno. J., 206 Trenton av
†Brown, Andrew B., 318 Normal av
Brown, Wm. H., 327 Hampshire
Brown, Wm. W., 1181 Seneca
†Burke, Wm. H. & Bro., 696 Ellicott sq
†Burrows, Wm. F., 310 Niagara
Byers, Jas. W., 337 Penn
†Carter, Geo. W., & Sons' Co., 25 Builders' Ex
Chappelle, Frank H., 36 Winter
Churchyard, Jos. J. (also Planing Mill), 648 Clinton
Coatsworth, Wm., 77 Milton
Cockburn Bros. & Co., 18 Builders' Ex
Craine, Robt. C., 262 Breckenridge
Cwiklinski, Alex., 235 Clark
Dark & Co., 654 Main
Dean, Henry, 1518 Fillmore av
De Freis, Jno., 476 High
Dietrich, Geo., 83 Northampton
†Dobbins, Jas., 63 Thoma
†Dorer, Wm. S., 89 Southampton
Duchscherer, Philip, 228 Herkimer
†Feist, Jno. & Sons (also Planing Mill), 115 Ash
Flierl, Christian, 1356 Genesee
Forback, Christian, 113 French
†Frailey, Jeffersou, 253 Asbury al
†Fromwiller, Geo., 56 Hartmann pl
†Ganu, Leonard W., Ellicott & Booth al
†Gardner, Edwin H., 750 Elm
Geiger, Jno., 149 Jersey
Greth, Wm., 553 Michigan
Grill, Frank E., 138 Chester
Haas, Fred W., 574 Riley
†Hager, Edw. M. & Sons Co. (also Planing Mill), 141 Elm
†Haist, Edw. R., 1701 Main
Halliday, Raymond D., 438 Woodlawn av
†Harty, Jno. P. Sons, 344 Niagara
†Hasselbeck, Jacob, 971 Walden av
Helbling, Jno. G., 53 Pratt
Henrich's, Wm. Sons, 193 Spring
Hensen, Wm. F., 1010 Jefferson
†Hering, Peter, 24 Winter
Herman, Chas. F., 76 Kingston
Hoeffler, Jno. J., 610 Masten
Hoelscher & Son, 24 Morton pl
Hoffmeyer Bros., 308 Dearborn
Huber, Jno. J., 750 Elmwood av
Klein, Philip, 28 Maynard
Kohr & Felton, ft of Church
Kempf, Geo. & Sons, 99 Locust
Knight, Jno. H., Ellicott sq
Kurth, Chas. L., 495 Northampton
Lanctot, H. H. & Sons, 303 Ellicott sq
†Lang, O. S., 170 Norwalk av
Lannen, Jno., 667 Oak
Leman, Geo. D., 136 Delaware av
Lenz, Jno. A., & Bro., 359 French
Lenz & Kreuder, 363 French
†Lienert, Louis, 28 Eaton
Little & Metzger, 74 Ryan
†Long, Geo. Baker (Large), Marine B'k bldg

Luther, Wm. M., 111 Richmond av
McDermott & Edmonds, 18 Builders' Ex
McDonough & Eustes, Carroll & Van Rensselaer
Metz Bros., 324 Landon
†Metz, Joseph, & Sons (also Planing Mill), 292 Elm
†Miller, F. C., 98 East
Mosier & Summers, 1266 Seneca
†Niederpruem, Gibbs & Schaaf Co., D S Morgan bldg
†Olmsted, Wm. C., 6 Arnold
Pellman, Henry F., 158 Pearl
Peters, Geo., 238 Howard
Queen City Construction Co., Mutual Life bldg
Rehler, Frank H., 192 Winslow av
† Reuling, Henry, 122 Fillmore av
†Rickert, Jacob B., 30 Villa av
Rollins, C. L., 184 South Park av
†Roos, Edw. H., 636 Linwood av
†Romer, Isaac J., 380 Rhode Island
Roth, Aug., 414 Dearborn
Rupp, Chas. A., 11 Builders' Ex
Schaefer's, H., Sons, 578 Elm
Schmidt, Wm., 98 Roehrer
†Schultz, Geo. S., 352 Glenwood av
Simon, G. H., 61 Laurel
Slater, Wm., 179 Lafayette av
Slattery, Jas. W., 455 Pearl
†Smith & Voss, White bldg
Spring, Geo. A., 172 Austin
†Stage, F. N., 1016 Lafayette av
†Steinmiller, Geo., 46 Balcom
†Stokes' Bros., 500 Mooney bldg
†Sullivan, Jno. J., 24 Briggs av
†Summer, Emory, 235 Herkimer
†Tilden, J. H., 12 Henry
†Trimmer, A. J., 2365 Main
Valliquet & Neelon, 467 Pearl
†Van Scoter, Wm. B., 11 Leroy av
†Walbourn, Hy., 153 Park
Walter, Henry, 163 Laurel
†Wiley, Geo. B., 96 Baynes
Wittlief, Wm., 616 Grant
†Youngman, Chas. R., 650 West av

RUSKIRKS—†Carey, Franklin (Large)
BYRON—†Shedd, C. D.
CAIRO—†Lampman, E. & Son
CALDWELL—Bates, Geo. W.
Nichols, Oscar F.
†Smith, Chas. M.
†Worden, Henry
CALLICOON DEPOT—†Martin, Herman (also Lumber)
CAMBRIDGE—Davidson, R. W.
Hedges, McCrea
Hoxie, F. E.
CALEDONIA—†Cameron, D. A.
CANANDAIGUA—Dunham, Percey
†Kisor, Matthew
†Kisor, Wm.
†Robertson, C. F. (Large)
Rouse, Geo.
†Saunders & Mead
†Smith, Hugh M.
CANASERAGA—†Zimmer, Adam
CANASTOTA—Barrett, Wm.
Fancher, Chester
†Mayer, D. F.
Sherman, Asa
CARLTON—Kelsey, O. S.
†Smith, Jas. A.
CARMEL—†Fowler, E.
CARTHAGE—Parmeter, G. W.
Patterson, A. W.
CASSADGA—†Knott, L. & Co.
†Putnam, C. S.
CASTLETON—†Sossan, M.
CASTLETON CORNERS—(See New York City, Borough of Richmond)
CATSKILL—†Dayter, B. F.
†Lapman, Edwin & Son (Large)
†Robb, J. W.
†Van Loan, Van Ness
CATTARAUGUS—†Bates, Oscar C.
†Blakeley, W. V.
†Demont, Riley
†Kysor, W. E.
†Nash, C. D.
†Rich, Fred S.
†Smith, Henry J.
CAYUGA—Freese, John M.
Oliver, John
Steinbergh, G. H.
CEDARHURST—Baker, Chas. L.
Christensen, Christian
English, M. Joseph
Woolsey, Nicholas J.
CENTER CAMBRIDGE—†Dodds, H. & Son
CENTRE MORICHES—†Chichester, Edw.
†Chichester, Elbert
Edwards & Lamb
†Penny, Joshua F. & Son
CENTRALIA—†Bloomfield, J. Tyler
CENTRAL ISLIP—†Cordingley, Jos.
CENTRAL VALLEY—†Bush, J. Wallace
†Ford, C. T.
CHAPPAQUA—Boyd, Daniel G.
Bullock & Smalley
CHARLOTTE—†Bricker, Jos. J.
†Corbert, R. C.
†Fortier, J. M.
†Thorpe & Fleming
CHATHAM—†Coon, Lewis
CHERRY CREEK—Hess, C. E.
Smith, H. F.
CHERRY VALLEY—†Hardendorf, Levi
Wikoff, Nornan H.
CHESTER PARK—(See New York City, Borough of Queens)
CHEVIOT—†Winfield, Jos. T.
CHURCHVILLE—Collins, A. R.
†Snyder, Chas. D.
†Stripp, F. H.
CLARENCE—†Dietz, William
CLAYTON—†Strough & Brooks
†Webster, W. A.
CLIFTON SPRINGS—†Morphy, R.
†Sommers, D. F.
CLINTON—†Easingwood, Arthur
†McBride, Jno. E.
†Mahan, Chas.
CLYDE—Barber, Wm. J.
†Tuck, C. H.
COBLESKILL—Courter, Stanton
†Karker, H. D. & Co.
†Murphy, W. H.
COEYMANS—McElroy, Jonathan
Southard, Alonzo
COHOES—Archibald, Andrew, Amity, n Columbia
Blanchard, Jos., Jr., 63 White
Breault, Medard, 193 Ontario
Buchanan, Wm. D., 29 Imperial av
Cummings, Dennis, 39 McElwain av
Goddard, Aaron, 111 Congress
Hane, Jno. H., 110 Heartt av
Molleur, Israel, 331 Saratoga
Peat, Nelson, 133 Bridge av
Thorpe, Jno. 73 Heart av, V. S. I.
COLLEGE POINT—(See New York City, Borough of Queens)
COMMACK—Hubbs, A. C.
Hubbs, J.
Sammis, E.
COOPERSTOWN—Hinds, Geo. A.
Houck, Lafayette
Root, Charles L.
CORINTH—Smith, Alon
Smith & Handy
Thomas, E. K.
CORNING—†Benger, Jno., 11 Montague av
†Borst, Alex., 72 E Erie av
†Bradley, T. & J., Drake blk
Bucher, J., 187 E 2d
Clark, Caleb, 70 E 2d
†Cole & Billinghurst, 71 W Pultney av
Mead & Taft (Large)
†Shea, Jas. W., 315 E 2d
Taylor, Harvey R.
CORONA—(See New York City, Borough of Queens)
CORTLAND—Beers & Warfield
†Corwin, D. G.
†Elster, Wm.
†Keeler, J. D.
†Meager, Nathaniel, 57 Groton av
†Oothoudt, Myron
COXSACKIE—Anthony, E. S.
†Bornus, J. H.
†Brown, Jno.
Cox, W.
CROTON FALLS—Adams & Ganung
CROTON-ON-HUDSON—†Canney, F. A.
CROWNPOINT—†Bevins, G. W.
Davis, Truman H.
CUBA—†Grady, C. H. (Large)
†Hutchings, J. W.
†Peckham, P. P.
CUTCHOGUE—†Bebe, Joshua T.
DALTON—Seely, W. B.
†Wheeler, Frank
DANSVILLE—†Schwan & Drehmer
DEER PARK—Brennan, John
Whipple, V. C.
DELEVAN—†Goo, C. T.
Van Valkenburg, A. V.
DELHI—Dean, Hiram K.
†Jackson, Thos. J.
†Menzie, Jas.
†Woodruff, L. M. & Son
DELMAR—Allen, P. Z.
Engle, M. W.
DEPOSIT—†Babcock, E. A.
Brokaw & Co.
Daly, Jas.
Fuller, A.
Monson, George
Phillips, J. H.
DOBBS' FERRY—Ackerman, Alonzo
Gillespie, Patk. J.
Hasbrouck, Harriet
Lester, Anthony S.
Nichols, N. B.
Young, Arthur
DONGAN HILLS—(See New York City, Borough of Richmond)
DUNKIRK—Aldrich, B. F., 425 Swan
†Higgins, P. J., 17 E 5th
Buscher, F. J., Front
Gunter, Louis, 1 Fawn
†Higgins, P. J. (Large)
Hilliard, Jno., 36 E 5th
Juhre, Herman, 92 Smith
†Kolpien, Frank L., 753 Elk
Meister, Peter, 73 King
Thomas, John W., 437 Swan
Welsh, T. C., 518 Elk
DUNTON—(See New York City, Borough of Queens)
EAST AURORA—Buffum, W. B.
†Havens, F. D.
EAST HAMPTON—Babcock, T. E.
Conklin, C. B.
Conklin, G. B.
Conklin, W. D.
Eldredge, George
Huntain, J.
Tillinghast, S.
EAST ISLIP—†Howell, George B.
EAST MARION—Clark, H. B.
Horton, B. S.
EAST MORICHES—†Chapman Bros.
Foster, W. J.
Reeve, Abner
EAST OTTO—Colvin, W. W.
Cook, M. W.
EAST QUOGUE—†Terrell, R. S.
ELDRED—†Mills & Co.
Wait, Geo. A.
ELIZABETHTOWN—Livingston, Woodruff
ELLENVILLE—Smith, James
Terwilliger, T. F.
Vermoy, James S.
ELMHURST—(See New York City, Borough of Queens)
ELMIRA—†Allington, Jacob & Son (Large), Railroad av c 7th
†Allington, W. C. (Large), c Windsor av & Grove
†Blackwell, E. H., 609 W Water
†Cotrell, S. H., 715 College av
†Cunningham, John, 101 South av
†Elmira Building Co., Robinson bldg
†Evans, E. F., 367 Wallace av
†Hathaway, Wm. W., 370 Fulton
Langford, J., 358 W Water
†Lewis, D. W., 600 Maple av
†Neily, George W., 116 Partridge
†Neish, W. A., 710 W 2d
†Pulford, C. A. (Large), c Erie & Falck
†Shappee, Cooley D., 814 W Gray
†Stowell, Charles N., 319 William
†Swan & Murray (Large), 613 Baldwin
†Thurston & Haskell, 363 State
Vanwhy, Jos. M., 313 Mt Zoar
†Williamson, J. C., 55 Sly
ELMIRA HEIGHTS—Jackson & McKay
Johnson, Chas. P.
Price, Jas. B.
Stevens, Geo. W.
EPHRATAH—Christman, L. M.
Hagar, James H.
ESOPUS—McLean, Orlando E.
Traver, T. A.
EVERGREEN—(See New York City, Borough of Queens)
FAIRPORT—Bly, W. B.
FARMER—Drake, S. A.
Holton, E. K.
FARMINGDALE—Burton, O. M.
Ketcham, N.
FAR ROCKAWAY—(See New York City, Borough of Queens)
FAYETTEVILLE—Garlock, Hiram
Heuber, Frank
Hopkins, E. L.
FISHKILL-ON-THE-HUDSON—†Forrestall, Jas.
†Hall, Frank B.
†Munger, J. E.
†Murray, Jas. A.
†Murray, Patrick
FLORAL PARK—(See New York City, Borough of Queens)
FLORIDA—Mapes, M. L.
Mapes, Walter

FLUSHING—(See New York City, Borough of Queens)
FOLSOMDALE—Schmelze, Henry
Simmons, John, Lincoln c Parsons av
†Skuce, Mrs., Broadway n Lawrence
Smith, Joseph L., 37 Leavitt
Stapleton & Hogan, 5 Jaggers av
†Sullivan, Dennis, Myrtle av c Linden
†Tuohy, Thomas F., 42 Main
Tway, C. Charles, Locust
Muir, John
West, Joshua, 45 Union
FORT EDWARD—Allen, Seth H.
Bibbins, Wm. H.
Ensign, Geo. R.
Piatt, G. W.
†Somers, John
Tucker, Z.
†Wiggs, Byron C.
FORT PLAIN—Dillenback, Ed.
†Edmonds, Richard
Fisk, Paul
†Henzie, Fred.
†Pickord, John A.
Southerland, Louis
†Stearns, Josiah
FOSTERS MEADOW—(See New York City, Borough of Queens)
FREDONIA—†Annis, Bradley
†Edmonds, R (also Planing Mill)
†Harrison, E. D.
†Kimball, E.
†Sly & Coddington
FREEPORT—†Miller, Wm.
FULTON—Alger, Ranson P.
Dann, Wm. D.
GENESEO—†Forbes, E. J. (Large)
†Stapley, Myron N.
Vickers, John W.
GENEVA—†Baker, Charles W.
†Benjamin, C. K.
†Berryman, F. L.
†Dadson, G. Wm.
†Dove, Wm. G.
†Kisor, L. E.
†Persons, S. F. & Co.
†Primps, Joseph
†Rice, H. G.
†Sattler, William
†Schnirel, Reinhold
†Staats, B. D.
†Stein, Thomas
†Turner, C. E.
GERMANTOWN—†Disher, Jno. J.
GLEN COVE—Burns, D. E.
GLENDALE—(See New York City, Borough of Queens)
GLENS FALLS—†Acker, J. F. & Co.
†Acker, W. E., 4 Nelson
†Alexander, G. M.
†Austin, W. G.
Cardinal, H. J.
Centerbar, J. S., 48 Hunter
†Davidson, M. E.
†Gage, Horton A., 125 Sherman av
Gates, E. H., 14 3d
†Gifford & Williams
†Harrington, F. T., 5 Flandreaux av
†Hogan, John, 5 Delaware
†Lalone, Oliver, 80 Sherman av
†Lawrence, Wm. E., Opera House blk
†Lockhart, George E., 42 Notre Dame
†McAuley, Frank W., 72 Sherman av
†Sheehan, D. J., 14 Leonard
†Shippey, F. P., 61 Uncas
†Swan, S. S., 84 Bay
†Thompson, A. W., 23 South
GLOVERSVILLE—†Brott, H. R. (Large)
Duell, A. E., 75 Forrest
†Dye, J. K., 17 North
Hays, D. A., 6 Fosdick
Henry, A. L., 10 Hamilton
Hoffman, Frank
Lair, J. M., 33 Grand
Satterlee, E. A., 45 S Main
Wager, M. C., 247 Kingsboro av
†Warner, David, 69 Grand
Young, Abram
GOSHEN—†Kipp, Geo. A.
†Wier, Jos. R. (Large)
GOUVERNEUR—Beardslee, L. E.
†Carpenter, J. H. (Large)
Johnson, Jas. H.
†Stacy, Geo.
†Van Duzer, S. B. Mfg Co (Large)
GRANVILLE—†Granville, P.
†Gravelin, William
Ludden, Frank
Norton, Alonzo
Raymond, L.
GT. KILLS—(See New York City, Borough of Richmond)
GREENE—Bingham, F. M.
Cleghorn & Coon
Kelsey, William T.
GREEN ISLAND—(See Troy)
GREEN RIDGE—(See New York City, Borough of Richmond)
GREENWICH—Caswell, Chas.
†Richards, J. W.
†Wills, Jas. G. (Large)
GREENWOOD LAKE—Ten Eyck, Geo.
GROVELAND STATION—†Morrison, Wm.
HALCOTTSVILLE—†Morse, Abner (also Planing Mill)
†Sanford, A. M.
HAMLET—†Richards, Jos.
†Waters, H.
HAMLIN—Baird, Jas. A.
HANCOCK—Becker, Jos.
Bussman, N. J.
Dennison, F. J.
†Morley, Walter B.
HARRISON—†Hunt, Sam'l
HARTSDALE—Dobbs, G.
Lander, Jos. H.
HASTINGS-UPON-HUDSON—†Sargent & Schmidt
Schlachter, Jacob
Schlachter, John
HAVERSTRAW—†Carson, A. J.
Hardy, C.
†Springfield Bros
†Zorn, John
HEMPSTEAD—Denton, Horace, c Main & Jack
Smith, F. D., Baldwins
Smith, M. R., Franklin st
Velsor, Henry E., Front st
HENDERSON—Sawyer, C. F.
Walton, George
HERKIMER—†Beckwith, D. C.
†Edwards, S. W.
†Gay, William H.
†Heintzelman, Peter
Pierce, C. C.
†Wheeler, A. B.
HIBERNIA—†Tompkins, Isaac
HICKSVILLE—†Finfgeld, Jos.
Molloy, Wm. H.
HIGHLAND FALLS—†Graber, Leo
†Muller Bros (Large)
HINSDALE—Swarty, Levi
HOBART—†Grant, A. H.
HOLBROOK—Hiller, G.
HOLLAND—†Cutler, H. C.
†Cutler & Manchester
†Puff & Strabel
HOLLEY—Cole & Putnam
Murphy, John
HONEOYE FALLS—Austin, W. R.
Case, G. W.
Hyde, M. C.
†Pierce, M. & S.
HOOSICK—Andrews, Chas.
Bratt, H. H.
Bratt, J. M.
HOOSICK FALLS—†Easton, Rising & Worden
HORNELLSVILLE—†Butler, Ephraim Y.
Crehmer, Geo.
†Spink, William H.
†Tucker, Seth
Wing, Jno. H.
HORSEHEADS—Jackson & McKay
ILION—†Cole, Elmer M.
INWOOD—Foster, Jos.
Merritt & Safford
IRVINGTON—†Buckhout, Sylvester
†Howell, Geo. B.
†Hunter, Alex. M.
†Huston, Bernard
†Kiernan, Michael
†Raynor, Benj. S.
ISLIP—Enwright, Daniel J.
Howell, G. B.
Kellam, C. W.
†Velsor, W. S.
ITHACA—†Alexander, Frank G., N Aurora st
†Bogart, Fred. J., E Clinton
†Crowley, T., 29 E Green
†Driscoll Bros & Co, S Aurora st
†Lamkin, W. E., 27 E Green
†Oltz, S. M., 87 N Albany
†Perry, Wm. H., S Cayuga
†Randolph, Fred'k P., 30 Sears
†Smith, Charles
†Van Order, Chas. G., S Cayuga
†Wanzer, Charles, 103 N Cayuga
†Warwell, Geo. H., 13 W Mill
†Wood, A. B., 24 N Aurora
JAMAICA—(See New York City Borough of Queens)
JAMESTOWN—†Anderson, J. B.
Ellis, J. S., Hallock st
†Erickson & Lendbeck
†Gamble, Louis
†Lawson, Jonh F.,
†Lawson, C. A., 109 Newlands av
Lawson, John F.
†Morse, C. E., 109 Winsor
†Rogerson, D. M., 41 College
JOHNSTOWN—Bates, C. W.
Haddock, S., 106 Water
†Hess Jonah, 22 Cayadutta
Seaman, Jas.
Simmons, P. M.
KEESEVILLE—Prescott, Buckley & Callahan, (Large)
KINGSTON—†Brink & Rossa, 76 Furnace
Brundage, Thos. F., 192 Downs
†Burhans, Webster H., 274 Wash'n av
†Costello, Wm. D., 237 W Chestnut
†Dederick, A. E., 57 Foxhall av
Gerhardt, Henry B., 281 Hasbrouck av
†Griffin, Adelbert, 189 Tremper av
†Gronemeyer, Frank, Sr., Mary's av
†Halverson, Gunder, 79 O'Neil
†Hunt Bros., Franklin c Pine
†Lindhurst, Jno., 53 2d av
McKeon, Thos., 61 E Chester
†Mauterstock, Albert, 109 B'way
†Measter, Peter, 43 Henry
†Neice, Judson S., 132 Wash'n av
†Osterhoudt, Peter C., 48 Clinton av
†Otis, H. W., 231 Albany av
†Snyder, Wm. R., 121 Downs
Southard, Thos. G., 37 Liberty
†Van Gaasbeck, A. W., 9 Wynkoop pl
LAKE GEORGE—Smith, Charles M.
Worden, Henry
LANSINGBURGH—See Troy
LARCHMONT—†Campbell, W. E.
†Carstairs, R. A.
†Decicco, M.
Forsythe, James
†Irvine & Isbister
†Lee & Adams
†McKeand, J. & H.
LAUREL HILL—(See New York City, Borough of Queens)
LE ROY—†Albee, E.
Merritt, M. A.
Williams, L. T.
LESTERSHIRE—Allen, Geo. W.
Horten, G. M.
Rulinson, Geo. P.
Shulte, John
†Van Slyke, Elmer W.
Varguson, Henry F.
Weeks, W. H.
LIBERTY—†Cotter, Frank
†Edmonds, William F.
Grant & Kinne
LINOLEUMVILLE—See New York City, Borough of Richmond)
LITTLE FALLS—†Boyer, Horace M.
Little, Andrew
Perrine, Adolphus
Thompson & Scullen
LITTLE NECK—Black, Malcolm A., Old House Landing rd
LIVINGSTON MANOR—†Woolsey, P. H. & Co. (large)
LOCKPORT—†Blackley, Wm. J. (Large), 54 Pine
†Brague, Benj. F., 444 Pine
Freeman, Wm. T., 475 Prospect
†Galbally, Peter, 43 Prentice
†Huston, Wm. E., Lincoln bldg
†Lentz, Benj. F.
†Le Valley, F. J., 375 N Transit
†Markley, Thomas P., 91 Mulberry
†Nottleman, Wm. H., 567 Walnut
†O'Brien, Andrew M., 339 East av
Powers, David, 222 Lock
†Stahler, Wm. B., 39 Spruce
†Stainthorpe, C. N. & Co., 126 Main
†Sylvester Jerome W., 16 Pound
Webber, Jno. V., 175 South
†Wille, L. C., 421 Washburn
Worden, Wallace, 189 Union
LONG ISLAND CITY—(See New York City, Borough of Queen)
LOWVILLE—McHale, Thos.
LUDLOWVILLE—Emery, John
Van Patten, O. S.
LUZERNE—Chadwick, Duane
McMaster, Chas.
Stone, Henry
Thomas, E. K.
LYONS—Aggett, W. W.
Ellsworth, G. W.
Gray, John
Guenther, J. F.
Parmeter, F. H.

Radder, Frank H.
Rush, Wm.
Williams, E. H.
MACHIAS—Armstrong, Frank
Gold, Elias
Neff, B.
MALONE—†Boardway, Charles
Carlisle, F. C.
Covey, A. J.
†Gibbs, John B.
Hastings, C. E.
Henry, A. M.
Hugaboom, S. G.
Johson, ——
†Kelley, John
†Lamica, Andrew
Moore, Orville
Murtagh, P. J.
Polley, Thos.
Smith, Thos. C.
Tebo, Henry
MAMARONECK—†Burger, George
Krewett, John F.
Reardon, Joseph
Sands, Merrit
Spader, P. H.
MANHASSET—†Haak, Fred
†Henderson, Jno. C.
†L'Hommedieu, C. F.
Webb, Chas. H.
MANOR KILL—†Phelps, Wallace
MARATHON—†Holmes, John
†Peebles & Salisbury
†Underwood & Gloover
MARGARETVILLE—†Coulter, Henry M.
†McCadden, John
†Scott, Adam J.
MARINER HARBOR—(See New York City, Borough of Richmond)
MARION—†Smith, Hastings B.
MARLBORO—Frederburgh & Wygant
†Kelley, Marcus D.
MASPETH—(See New York City, Borough of Queens)
MATTEAWAN—†Forrestel, James
†Hall, F. B.
MATTITUCK—Gildersleeve, Lester
Robertson, Charles
Ruland, F. S.
MECHANICSVILLE—†Hulin Bros.
Partridge, F. E.
†Slavin, James
Strang, Adelbert
MEDINA—Gledhill, Frank
Mallison, Frank
Marren, Edw.
MERIDIAN—†Bellinger, W. L.
Bouck, A.
MERRICK—Verity, William R.
METROPOLITAN—(See New York City, Borough of Queens
MIDDLEBURG—Sheldon, Carr
Tibbetts, E. F.
MIDDLE GRANVILLE—Bump, M. F.
Ives, Henry
McCotter, William
†Wilson, Ashley
MIDDLETOWN—†Black, G. H., 5 Bonnell
†Brown, Daniel P., Commonwealth av
Carpenter, W. W., 9 John
†Chambers, James P., 37 Knapp av
†Crane-Giles Co. (Large)
†Crosby, Samuel B., 42 Grand av
†Dailey, T. W., William n E Main
†Jones, Oscar E. & Co., Wawayanda av
†McWilliams, Edwin, 23 John
Matthews, Eli W., 325 North
†Miller, Peter F., 38 Houston
Scudder, George H., 159 E Main
†Sinsbaugh, L. V. & Co., 10 Linden av
†Sinsabaugh, L. V. & Co., 10 Linden av
†Taylor, C. Z., 3 Railroad av
Wood, James, 5 Chestnut
Wood, John, 5 Montgomery
MIDDLE VILLAGE—(See New York City, Borough of Queens)
MIDDLEVILLE—Harris & Dank
†Law, Gordon
MILLBROOK—Chamberlain, Wm.
Woodhouse, Harry
MILLERSPORT—†Lederhaus, F.
MILLERTON—†Bees & Trafford (Large)
Van Allen, St. John
MINEOLA—†Andrews Bros.
Hingle, C. L.
†Terry, George H.
MONROE—†Hall, Joel M. (Large)
Hall, W. I.
MONTGOMERY—†Brooks, Chauncey
MONTICELLO—Smith, Charles A.
Thomson, A.
MORICHES—Hawkins, C. B.
Ryder, S. M.
MOSCOW—†Brophel, B. C. (Large)
MOUNT KISCO—Baxter & Wilson
†Dakin, J. R. & Son
Dauchy, Alex.
MOUNT VERNON—†Borgwald, John
†Burden, John, 193 Stevens av
†Carpenter, I. T., 20 RR av
†Evans, S. T.
†Forrester, W. P.
†Jenkins & Plume, N 5th & N 3d av
†Kain, Patrick H.
†Kolpin, Chris., 29 N 7th av
†Lawrence, E. P., 155 Lincoln av
McCarten, A. J., 28 Prospect
†Mayer, Fredk., 258 S 8th av
†Ringrose, William B., Wakefield
†Robinson, Harry J.
†Thomas, Samuel & Son, 32 RR av
†Ultcht, Albert A.
NAPLES—Coons, J. P.
Loveland, J. H.
Porter, R. T.
Slayton, C. W.
NEWARK—Conrad, Justin
†Hedden, J. S.
†Hoffman, Wm.
†Plighter, William
†Van Buren, Charles
NEW BRIGHTON—(See New York City, Borough of Richmond)
NEWBURGH—†Burhans, L. & I. L., 62 Mill
†Burton, Wm. H., 3 Front
†Crevling, Whitfield, 234 Bway
†Eaton, David, 285 1st
†Furlong, James, 308 Water
†Hamilton & Todd, 63 Campbell
†Hanretty, L. M., 78 Carpenter av
†Hilton, William H., 107 Front
†Martin, W. F., 157 Chambers
McGuigan, Hugh, 102 Washn
†McKenzie, Thos., Clark & Bankard av
†Moores, Wm. R., 47 Henry av
†Mosher, George, 93 Front
†Nott, Fred S., Plank rd & Bway
†Scott, F. A., 3 Front
†Templeton, James F., 32 Chambers
Theall, William L., 10 Lander
†Thorn, Wm. H., 238 1st
†Tweed & Woodruff, 31 Lutheran
†Usher, George, 62 Mill
†Van Wagenen, Henry, Robinson av & Washn
†Waring, Thos. C., 95 Front
†Wheeler, H. A., Avoca nr S William
†White, George W. & Sons, 217 Ann
NEW DORP—(See New York City, Borough of Richmond)
NEW ROCHELLE—Booker, M. O., 12 Relyea pl
†Dassler, Samuel W., 21 Walnut
†Doern, Valentine Sons, 11 Charles
†Doherty, M., Lockwood av
†Donahoe, John, 11 Bayard
Doyle, John, Walnut
†Ensinger, Louis, Mayflower av
Kirchoff, William, Church
†Koch, William & Co., 38 RR av
†Murphy, P. & Son, Sickles av
Rivers, A. J., Main
†Robinson, Charles T., 83 Centre av
†Rofferty, William H., Liberty av
†Seacord & Carpenter, Le Count pl
†Switzer, W. H., Woodland av
†Watson, George, Lockwood av

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—†Ackerson, T. B. Co., 297 Marlborough rd
†Akerly, Hiram A., 173 Berry
Alffermann, Eugene, 330 Gates av
Allen, Louis A., 38 DeKalb av
Anderson, Albert, 5211 4th av
†Anderson's, John D. Sons, 952 Greene
Anderson, Wm. H., 101 Downing
†Arit, Henry, 34 Starr
Armstrong Bros., Malbone & Rogers av
Arnold & Son, 278 Baltic
†Ashfield, F. J. (Large), 350 Fulton
Ashton, John, 1325 Fulton
†Atlantic Contracting Co., 44 Court
†Auer, John & Sons, 957 Bway
Backus, Oscar, 273 Atlantic av
Bailey, Wm. O., 625 DeKalb av
†Baker, James E., 3 63B'way
Baker, Wm. H. & Son, 75 Patchen av
Baldauf, John, 66th nr 11th av
Bals, Conrad E., 35th cor Av F
†Banta, Harry B., 29 Bergen
Barton, James C., 203 Eckford
Battell, Fredk., 6886 Wythe av
Bauer, Christian, 1487 Flatbush av
Bauer, Emil C., 6 Stanhope
Bauer, John, 927 Bway
Baylis, Henry, 12 Greene av
Becker, Chas. F. T., 1002 60th
†Bedford Repair & Construction Co., 1318 Fulton
Bedell, Benj. S., 324 6th
Bedford, Wm., 61 N Henry
†Beer, Louis (Large), 808 Bway
Behr & Debold, 412 Willoughby av
†Bell, Wm. & Son, 3d av cor 93d
†Bennett, David C., 79th nr 4th av
†Bensonhurst Building Co., 18th av nr 85th
Berckmeier, Albert, 131 Noll
Beres, Valentine, 184 19th
Berryman, John H., 227 Evergreen av
Bierschenk, Chas. M. & Co., Norman av cor N Henry
†Bishop, E. H. & Son (Large), 1060 Prospect pl
Bishop Bros., Bath av nr Bay 21st
Blackford, Wm. E., 103 Devoe
Blott, Benj. W., 328 15th
Blumenstein, E. G., 797 Monroe
Body, Benjamin H., 98 Pineapple
Body, Chas., 223 DeKalb av
Borman's, Richard Sons, E 94th nr Av K
†Borough Construction Co., 62d nr 2d av
Bostick, Abraham, 508 Clermont av
Boulton, Philip G., 250 Baltic
†Bowen, Wm. T., 4241 Fulton
†Boyd, Eugene S., 29 Rockwell pl
†Braun, Chas., 218 23d
Brenneis, John, 96 Montrose av
Brenncis & Hanold, 280 Boerum
†Brewster, Jas. N. & Co., 600 Kent av
Briley, Arthur, 549 Macon
Brocklehurst, Robt., 178 Franklin av
Bromell, Thomas, 67 Sullivan
Brooklyn Repair Co., 1391 Fulton
†Brooklyn Repair Co., 564 DeKalb av
Brown, Henry J. & Son, 1534 Fulton
Brown, J. K Co., 181 3d av
Brown, Robt. J., 188 S Elliott pl
†Brown, Rufus H., 1357 Rogers av
†Brown, Wm. A. A., 542 Flatbush av
Bryant, John, 194 Division av
Buckley, Wm. & Son, 321 16th
Buckman, C. & Son, 43 16th
Buell, Chas. S., 26 Court
Bulkley, Washn, 98 Emerson pl
†Burke, Edward, 1055 E 34th
Burggraf, John, Prospect pl & Albany av
Burwell, Michael J., 126 Carlton av
Cahill, Lawrence, 286 Chauncey
Calend, V. & Sons, 60th nr 13th av
Cally, Jno., 91 Warren
Camadelia, Jas. V., 44 Court
†Campbell, James, 232 State
Campbell, Samuel, 121 Meserole av
Campbell, Joseph, 325 Mhtn av
Cantor, Reuben, 32 Varet
Carey, Jas. L., 44 Court
Carley, William A., 3d av cor 93d
†Carlin, P. J. & Co., 26 Court
Carlson Bros., 369 Flatbush av
Carman, Jno. W., 1428 Flatbush av
Cashman, Jno. J., 44 Court
Caufield, Cornelius F., 819 Grand
†Caufield, Jas. A. (Large), 469 Marion
Chapman, Geo. F., 850 Lexington av
Chapman, Jos. N., 578 Hamilton av
Chappell, J. H., 64 Willoughby
Chase, Augustus L. & Son, 175 Clymer
†Chatterton & Hatch (Large), 44 S 8th
Christensen, Henry S., 276 13th
†City & Suburban Bldg. Co., 22d av nr 86th
†Clark, Wm. H., 251 Ainslie
†Clayton, Walter F., 434 McDonough
Coe, Erastus, 542 Evergreen av
Colgan, G. A. Co., 81 9th
Conklin, Edw. H., 316 Berry
Constant, Peter J., 422 Gates av
Cooney, Wm. & Son, 211 Luquer
Corbin, John R. Co., 1516 Flatbush
Corrigan, Edw., 1245 Nostrand av
†Cozine, C. G. & Co., 4241 Fulton
†Craigen Construction Co., Nostrand & Church avs
Crawford, Henry S., 206 Troy av
Crockett, Jas. W., 150 7th av
Cumming & Van Cleef, Ocean av & Neck rd
Cunningham Bros., 24 Emmett
†Dady, Michael J. Co., 350 Fulton
Darton, Wm., 1584 Bway
†Davies, Thomas, 211 India
Defilippe, Dominick, 103 Liberty
Degner, Chas., 111 Stuyvesant av
Deinhardt, John, 793 Willoughby av
Denicola, Gaetano, 2 Nassau pl
Dennis, B. J. & Son, 266 Schenck av
Desmond Bros., 449 Columbia
De Souza, Joseph, 231 Nassau

Detlefsen, Charles M., 6 Sullivan
Diamond, Bernard, 172 Atlantic av
Dickson, Robert, 208 S Oxford
†Dietrick, Conrad Sons, 27 Boerum pl
†Donlon, Frank, 176 Shepherd av
Donaldson, Wm. H., 389 S 5th
†Donnellon, W. C., 207 Mantague
Dorion, Harry, 825 Gates av
Doris, Timothy, 272 Pearl
†Dougherty, Wm. E., 47 Raymond
Draper, Hy. C., 247 Bridge
Drumond, John & Co., 67 Henry
Dunkhase, George, 574 Manhattan av
Dunn, P. H., 586 Classon av
Durney, John, 390 15th
Eagan, Thos., 60th nr 12th av
†Eastern Construction Co., 48 Classon av
Eberle, Otto A., 10 Nassau
Ebetsch, John & Son, 1056 DeKalb av
Endling, Julius, 323 Patchen av
Egan, Patrick J., 39 Lincoln pl
Egan, Thos. E. & Sons, 335 11th
†Eggers, John D. (Large), 599 Leonard
Egnor, Warren H., 385 Gold
†Ehrlich, Leo., 85th & 18th av
†Eirich, Jos., 1636 DeKalb av
Eklund, A. A., 222 Lefferts pl
†Erickson, Fred'k, 708 Wythe av
†Erickson, Martin, 218 20th
Erickson, Otto, 29 Rockaway av
Etringer, Henry, 1450 Bushwick av
Evenson, Niels, 600 1-2 DeKalb av
Fader, Frank J., 87 Franklin av
Fallon, Thos. R., 269 Flatbush av
†Farrell, J. J., 399 11th
†Faulkner, Geo. W., 584 Lex av
Fee, Thos. F., 208 Flatbush av
Fenton, Jas., 40 DeKalb av
†Ferguson, Robt. B. (Large), 254 Lee av
Fetner, Jos., 853 Myrtle av
Fioto, Antonius, 59 Union
Fitzgerald, Jeremiah H., 126 Laf av
Fitzpatrick, Thos. J., Bay 13th nr Bath av
Fleet, Jeremiah, 77 Hoyt
Fletcher, E. Chas. N., 401 Wythe av
Fogg, Fred'k M., 402 Bridge
Foley, M. M., 2247 Homecrest av
Foote, Jas. C., 66 N Oxford
Fox, Geo., 201 Hudson av
Forbush, A. A., 200 Classon av
Franz, Chas., 365 Kosciusko
Fraser, John, 44 Rochester av
Freeman, John J. Co., 69 Douglass
French, John H. & Bro., 316 51st
Frisse, Jos., 33 Ten Eyck
Frost, T. A., 1094 Putnam av
Fuhrberg, Henry, 265 Irving av
†Fuller & O'Connor, 44 Court
Gahagan, Walter H., 189 Montague
Gallagher, F. J., 490 Park pl
†Gallagher, Bernard & Son, 134 Bway
Galvin, John, 98 Willoughby
Ganter, Frank J., 271 Sumner av
Gardner's, Peter Son, 657 Gates av
Bascoine & Hornby, 4241 Fulton
Gately, A. L., 111 Bedford av
Gay, Wm. C., 410 Berry
Gellerman & Weinstein, 118 Belmont
Getzoff, B., Sutter av nr Osborn
Gibson, Andrew, 204 Eckford
Gibson, Wm., 205 Nassau
Gildersleeve, Edw. J., 48 15th
†Gillies, John J., 278 Division av
Glynn, Albert J., 1824 Nostrand av
Goebel, C. F. & Bro., 237 Varet
†Godfrey, Emslie Co., 4 Court sq
Gomman, Jos., 8 Devoe
Gordon, Albert, 2160 Fulton
Graf Bros., Peter, 624 Met av
†Grasman, H., 1725 Bway
Graham, Jas. P., 85th nr 22d av
Graves, Wm. L., 994 Atlantic av
Greenberg, Max, 23 Siegel
†Greenman, W. B. (Large), 350 Fulton
Greer, Andrew H., 502 Franklin av
Grening, Paul C., 26 Court
†Griffiths, Henry, 93 Kent
Gundermann, Ferdinand, Jr., 445 Schenck av
Gundermann, Henry F., 250 Wyona
Hackett, C. C., 97 Hoyt
Hall, Albert C., 146 Cumberland
†Hahn Bros. (Large), 68 Stanhope
Haley & Keegan, 50 Dobbin
Hamblin, Lewis D., 290 18th
Hamlin, D. D., Greenwood av cor E 5th
Hammond, Levi, 558 Nostrand av
Hardy, Harry H., 148 Wyona
Harned, John L., 1263 Fulton
Harris, Isaac, 485 Flatbush av
†Hart, Chas., 617 Degraw
Hart, Jacob, 258 Pearl
Harter, Jos., 24 Dean
Haskell, J. P., 85th & 19th av
†Hassan, Wm. S., 468 56th
Hatch, E. & T., 224 Eldert
†Hatch, Wm. H., Prospect av nr Ocean Parkway
Hearns, John, 165 Ryerson
Heinen, Dederick, 21 Webster pl
Hellmund, Frank H., 476 Gates av
Hellyer, John J., 60 Franklin
Hendrikson, Olaf, 189 Moffatt
Henry, Michael E., N Y av & Kingston av
Herd, Wm. E., 1450 Atlantic av
Herman, Elias, 1024 Laf av
†Herold, Wm. (Large), 209 Powers
Hession, John F., 135 Skillman
Hestermann, Conrad & Son, 172 Hamburg av
Hickey, John J., 253 8th
†Hill, Henry B., 75 Hancock
Hill & Hayes, 200 N 10th
Holder, Henry, 867 Bedford av
†Holler, J. & F., 17 Koscko pl
Holmes, Christian, 250 54th
Homburg, Henry, 13 Union av
Hooper, G. D., 120 Adams
Horie, J. F. & E. J., 261 Wyckoff
†Hough, Samuel L. (Large), 344 Roebling
Howard, Seth W., 470 3d av
Hoyt, Frank H., 83 Ashland pl
Hulin, Samuel F., 318 13th
Hulsart & Meekes, 350 Tompkins av
Hupe, Fred'k H., 152 Freeman
Hyde, Cuyler C., 797 Hancock
Jenkins, Theo. S., 44 Court
Jansen, Henry, 1283 Putnam av
Jensen, Lorenz T., 72 Rapelye
Jersey, F. R., 1041 Pacific
Johanson, John A., 98 Stuyvesant av
Johanson, August, 143 Clermont av
†Johnson, Andreas, 10 St. Felix
Johnson, Charles E., 37 5th av
Johnson, John A., 1121 Prosect pl
Johnston, Wm., 16 Court
Jorgenson & Norgard, 1432 Flatbush av
†Kay, Wm. E. (Large), 508 51st
Kelk, Wm. E., 264 5th av
Kellegrew, Wm. F., 355 Court
Kelly, Jas. B., 56 Poplar
Kelly, Patrick J., 125 N 7th
Kelly's, Jno. H. Son, 45 Concord
Keogh, Jas. W., 16 Court
Kerrigman, Jas. E., 302 Rodney
Kerrigan, John, Bay 10th & Bath av
Keyes, Jno. T., 163 Clifton pl
†King & Fogg, 82 S 8th
King, Thos. J., 374 Reid av
Kinkade, Moses D., 387 Douglass
King, George, Bath av nr Bay 14th
†Kinsey, Jno., 14th av & 73d
Kirby, Jno., Ovington av cor 6th av
†Kirches, Henry (Large), 51 Butler
†Kobelt, A., 86th & 22d av
Koch, Matthias, 350 Fulton
Koenig, F. H., 349 Jamaica av
Koester, Chas. J. L., 3317 Av I
Koestner, Aug. W., 34 E 2d
†Kohlmeier, Wm. (Large), 318 S 1st
Krahe, C. A., 7th av nr 90th
Krekeler, Thos. Co., 2280 Fulton
Kretschmer, Fred'k, 98 14th
Kueckel, Frank, 410 Van Buren
Kunkel, Fred., Hendrix nr Hegeman av
†Lake, Wm. B., 2 Lake pl
†Lamb, Albert J., 503 Evergreen av
†Lambertson, Jere, 24 Hanover pl
Lang, Michael, 202 Leonard
Larbey, J. F., 53 Flatbush av
Larson, Frank, 335 Flatbush av
Layton, John H., 274 Bedford av
Leary, Patrick, 258 Concord
Lee, Joseph F., 351 Baltic
Lee, Thos. H., 308 Clarkson
Leech, Frank, 420 Court
†Libbey & Keese (Large), 519 Flushing av
Lifshitz, Abraham, 134 Boerum
Lineburgh Bros., 700 Lex av
Lins, Hermann & Son, 23 Emerson pl
Loeffler, Henry, 851 Gates av
†Long & Steinmetz, Dorchester rd & E 17th
Lonsberry, Edward B., 168 Calyer
Lundquist, Albert, 191 Patchen av
Jow, John, 59 Bond
Lowden, George, 471 Clermont av
Lucas, Jas., 121 Grove
Lues, Herman, 1234 Bway
Lund, Fred, 152 Lee av
Lupton, John, 773 Madison
Luria, Meyer, 54 Boerum
Lusso, Hector, 91 Fulton
McCastline, Joseph, 116 Tompkins av
McCormick, John J., 340 7th av
McElvery & Getty, 624 Flatbush av
McGann, Thos., 1500 Bergen
McGill, Jas. A., 29 Rogers av
McGrath, Thos., 188 Emerson
McInnis, Jno., 184 10th
McKay, David, 93 Hanson pl
McKeever, E. J. & S. W., 367 Fulton
McKenna, Jas., 175 Schenectady av
†McKnight, Alex. (Large), 158 Walworth
McKnight, Samuel, 195 Waverly av
McKiernan, Jno. L., 87 Ft Greene pl
†McKane, Jas., Sheepshead Bay
McLoughlin, Wm. T., 599 Bergen
McMurdo, Jas., 105 Quincy
McNamee, John, 16 Court
McQueen, Wm., 1054 Bedford av
MacArthur, aJs., 22 Ormond pl
†MacDonald, Gordon D., 663 Franklin
Mack, Andrew T., 406 9th
Madeo, D. & Sons, 66th nr New Utrecht av
†Mader, Louis, 204 Vernon av
Magill, Geo. H., Neck rd nr Ocean av
Magilligan, Jno. J., 56 Berkeley pl
Mahegin, Jeremiah D., 336 Bway
†Mahoney, Edw. J., 156 Sterling pl
Maillie, Jno. F., 1253 Prospect pl
Martell, Daniel, 113 Pacific
Martin, B. L., 350 Cumberland
Martin, Lemuel N., 1327 Fulton
Masset, Frank J., 1063 DeKalb av
Matthiessen, John, 171 Central av
Max, Harris, 245 Watkins
Meagher, Matt. T., 1127 Willoughby av
Maxwell, Alfred C., 29 Powers
Meehan, Thos. F. & Co., 47 Van Brunt
Mendalis, Nathan, 429 Bway
Merlin, Geo. C., 767 Fulton
Merlin, Robert, 166 S Portland av
Merryweather, Chas. A., 298 Tompkins av
Meyer, Hy., 78 Norwood av
Meyer, Myrtil, 373 Fulton
Michael, Webster S., 158 Hall
Miller, Chas., 385 Harman
†Miller, Luke, 80th nr 7th av
†Miller & Schmidt, 394 Waverly av
Mills, Jno. J., 74 St James pl
Moehlin, John, 232 Knickerbocker av
Mohawk Realty Co., 189 Montague
Monahan, Thos. & Sons, 689 Franklin av
Mooney Bros., Surf av nr 8th
Murphy Bros., 25 av nr Cropsey av
Moore, John W., 307 Kingsland av
†Moores, Robert L., 437 Marion
Morrell, Henry E., 155 Adelphi
†Morris Bldg. Co., 184 Franklin
†Morris & Selover, 39 DeKalb av
Morrison, Geo. N., 228 State
Mould, Edw., 54 Logan
Muller, Wm. A., 44 Stanhope
Myers, Wm., 225 Driggs av
Murphy, M. J., 270 Union
†Murphy, S. P., Surf av nr W 16th
Murray, Thos., 92d nr 5th av
Murray, J. P. & Co., 215 Montague
Myers, Wm., 225 Driggs av
Nally, Patrick J., 631 Vanderbilt av
Needhammer, Fred, 845 Flushing av
†Nelson, John F., 693 Hicks
Nelson, John F., 693 Hicks
Nelson, Nels M., 311 20th
Newman, Wm. H., 364 Graham av
Newman & Co., 1127 Willoughby av
Nickson, Alfred B., 444 1st
Noble, David, 2021 Fulton
Norman, F. O., 239 State
Nolan, Peter E., 374 Gates av
Norman, F. O., 239 State
Nordstrom, O. W., 37 5th av
Norton & Gorman, 303 Douglas
†O'Brien's, P. F. & Son, 148 Lee av
O'Connor, Jas., 117 Willoughby
O'Connor, Richard, 257 Bainbridge
O'Connell & Kennedy, 189 Montague
O'Connor, Thos. G., 44 Court
O'Donnell, W. & M., 100 4th
†Oelkers, Geo. W., 402 Cumberland
O'Hare, Michael, 52 Carroll
O'Hara, Patrick, 247 Prospect av
Olin, John, 617 Baltic
Oliver, Jefferson, 336 DeKalb av
O'Neill, Peter C., 1424 St John's pl
†O'Rourke, John H., 264 39th
Orpen, Wm. H., 478 Koscko
Owen, John, 255 Skillman
O'Rourke Engineering Construction Co., Commercial opp Clay
Owen & Koehn, 252 Baltic
Paganucci, John & Bro., 8 Park av
Palmer, Jas. M., 344 5th av
Page, Frank C., 646 Marcy av
Palen, David M., 2136 Gravesend av
Payne, Robert, 782 Marcy av
Pearse, George, 176 Sumner av
Peden, Chas. L., 505 Lex av
Peer, Jas. W., 849 Atlantic av
†Perinchief, Edwin M., 426 Lex av
Perkins, George, 264 Degraw
Perkis, Edmund, 320 Smith
Perry, Jas. T., 769 Gates av
Peters, John, 160 7th av
Peterson, Bengt., 509 Waverly av
Peterson, Henry W., 520 Glenmore av
Pfeiffer, Morris, 70 Belmont av
Phillips, Geo. W. Co., 215 Montague

Phraner, Chas. A., 427 Carlton av
Pioneer Construction Co., 1745 Pitkins av
Pipe, George W., 1510 Fulton
Pitt, J. R., 1090 Coney Island av
Pope, A. & Bros., 379 Rutland rd
Porter, John G. & Co., 158 Classon av
Portman, Fred, 128 Snyder av
Potts & Partridge, Saratoga av & St. Marks
Powderly, Thos., 1233 Atlantic av
Powers, Jas., 825 Pacific
Pruden, Chas. L., 26 Court
Qualmann, Henry, 2742 Church av
Quattlander, John & Son, 192 Clymer
Rae, Fred'k P., 400 Nostrand av
Ramsay, Hugh, 2037 Bergen
†Randall, Stephen, 41 Dobbin
†Randall, Geo. M., 16 Bedford av
†Raymond, Ernest, ft Hamilton av
Raymond, Francis, 33 Love lane
Reich, John, 101 Hill
Reseguie, D. M., 14 Grand av
†Reynolds, Chas. G., Sterling pl cor Bklyn av
Reynolds, Wm. H., 22 Court
Reynolds, F. C., Sheepshead Bay
Richardson, Chas., 1125 Flatbush av
Richter, Wm., 2332 Pitkin av
Rieger, Chas., 318 Arlington av
Ries, Chas., 143 Sheffield av
†Ries, Henry, 75 Bradford
Riker, Henry M., 160 Ralph av
†Riley, Jas., 601 Degraw
Riley, Patrick, Carroll nr Franklin av
Riordan & Welsh, 18th av nr 86th
†Rissler, Chas., 327 Irving av
Rocker, Henry, 129 Bradford
Rogers, H. A., 335 Adams
†Rogers, Wm., 173 State
Rohmann, Richard, 471 Marcy av
Rose & Loomer, 182 Ryerson
Rossteucher, John L., 277 Starr
†Roth, Chas. & Son, 232 Atlantic av
†Rush, Frank H., 393 Greene av
Rush, Myron C., 327 Franklin av
†Russell, Geo. L., Flatbush av nr Allen pl
Ryan, Daniel J., 723 3d av
Ryan, Wm. J., 7 4th
Ryan, N. Co., 491 Smith
Sawkins, John C., 2409 Church av
Schaedle, Geo. W., 144 Devoe
†Schaefer, Hy. E. M., 330 Hart
Schapiro, Rudolph, 800 Myrtle av
Schermerhorn, Jas. A., 481 Vanderbilt av
Schermerhorn, Thomas K., 95 Liberty
Schmidt, John, 375 Pacific
Schmitt, Philip P., 203 Throop av
Schneck, G. Sons, 350 Johnson av
†Schuhmann, Wm., 412 Greenwood av
Schneider, Christian, 122 Debevoise
Schumm, John, 175 Knickerbocker av
Semmel, Wm., 165 McKibbin av
Seablom, Axel W., 627 Bergen
†Seaman, L. W., Jr., & Son, 133 Grand av
Search, Robert W., 360 Sumner av
Sedelmeyer, Jacob, 147 Skillman av
Shaw, A. B., 350 Rutland rd
Sheehan, Jno. C. & Co., 2004 Atlantic av
Sherman, Thos. H., Terrace pl nr 20th
†Shelley, Abraham B., 67th nr 14th av
†Sherwood, Samuel T., E 19th & Dorchester rd
Simmons, Chas. A., 312 50th
Simpson, William, 14 Emerson pl
Sinclair, Francis & Son, 535 Vanderbilt av
Singer, Paul, 227 14th
†Skelton, Christ. P., 1004 Flatbush av
Sley, Jas., 3d av nr Bay Ridge av
Slingerland, Geo. W., 509 3d av
Sloan, Hugh F., 335 Adams
Small, Archibald J., 115 Clifton pl
Smith, August & Co., ft 25th
†Smith, Howard J. & Son, 256 St James pl
Smith, John, 106 Livingston
Smith, John C., 225 Miller av
Smith, John H., 727 Laf av
Smith, M. & Son, 511 Lorimer
Smith, Samuel N., 5064 DeKalb av
Smith & Robede, 80th nr 3d av
Smith & Thompson, 47 Park pl
Sommer, Geo. A., 746 DeKalb av
Soule, Hobart S., 4 12 Gates av
Spaeth & Senger, 1480 DeKalb av
†Spence Bros., 5201 3d av
Stagg & Son, 72 Myrtle av
†Stalb, Jacob, 15 Covert
†Stechel, Christian, 65th nr 7th av
Stevenson, Jas. M., 347 Franklin av
†Stone, Arthur G., 44 Court
Stone, Herbert C., 1230 Fulton
Stone, Wm., 733 Atlantic av
Stoothoff, Stephen W., 2569 Pitkin av
†Strauss & Charig, 189 Montague
Strong, Edw. P., 641 E 38th
Strong, Joseph, 223 Evergreen av
Strube, Fred & Son, 271 Jerome
Sutherland, John, 231 15th
Sutphin, Wm. D., 142 Hall
Sweet, Rowland, 133 Laurence
Sweney, Harry, 180 DeKalb av
Swenson, Olaf, 177 7th av
†Terboss, Henry V., E 32d nr Av C
Terhune, Jas. A., 136 S 8th
†Thatcher, John & Son, 54 Park av
Thompson Bros., 375 Flatbush av
Tibball, Thos., 357 S 1st
Tietjen, Henry & Son, 440 Met av
Todd, Sylvanus, 10 Lawton
Tormey, Hugh & Son, 10 Dean
Treadwell, Samuel J., 270 Navy
†Trevor, John, 360 S 5th
Tucker, Geo. T., 18 Ormond pl
Tunison, Peter W., 1122 Bushwick av
Turpie, Wm., 103 Carlton av
Ungar, Morris, 30 Meserole
†Vail, Edw. G., 1832 Bath av
†Valot, John, 247 Nostrand av
Van Duyne, Frank E., 94 Bradford
Van Duzer, Jacob, 991 Willoughby av
Van Note, Peter J., Cropsey av nr Bay 35th
Van Wagenen, Simon, 152 Division av
Vetter, Jacob, 282 Boerum
Vincent, Jas. B., 55 Rogers av
Vofrei & O'Hearn, 427 40th
Vreeland, Anizi D., 550 Evergreen av
Wagner, Jos., 84 Debevoise
Wagner, Nathan, 867 Park av
†Waldron, Wm. H., 1873 Pacific
Walker, John J., 324 Grand av
Walsh, Patrick J., Bath av cor Bay 20th
Walsh Bros., 76th nr 21st av
Walsh, Peter, 130 High
Ward, Thos., 122 Cumberland
Ward, Wm., 504 Myrtle av
Warner, Jno. E., 451 Evergreen av
Warren, Gustav, 74th nr 11th av
Watson, Peter, 270 17th
Way, Orland E., 2203 Church av
Weber, Fred, 579 Park av
†Webster, Lewis C., 198 Reid av
Webster, Fred, 49th & 10th av
Weidner, Jos., 1084 Flushing av
Weild, James, 241 Halsey
Weissmantel, Charles, 527 Elton
Weige, William, 263 Kent av
Welch, Wm. L., 456 Tompkins av
Westerg, Eric, 28 Suydam pl
White, Jas. H., 807 Marcy av
†Whitehead, Sylvester C., 1387 1-2 Fulton
Wicks, Richard V., 82 Laf av, 181 11th
Widmann, Fred'k, 190 Emerson pl
Wilders, George, 175 9th
Williams, George W., 777 Met av
Williams, John E., 169 Lexington av
Williamson, David H., 606 Atlantic av
Williamson, Francis, 642 Atlantic av
Williamson, James C., 657 Gates av
Williamson, James C., 187 Guernsey
Wilson, John, 1190 Bedford av
Wilson, John, 213 N 9th
Winkler, Fred'k W., 1084 Decatur
Winkler, Wm., 185 Harman
Winter, Wm., 549 Classon av
Winterson, Fred G., 216 Flatbush av
Witt, Paul, 88 18th
Welbeck, Hy., 204 Knickerbocker av
Wolfenden, J., 1036 Laf av
Wolff, Gabriel, 119 5th av
Wolling, Fred'k, 194 Troutman
Wood, Harry, 201 Clifton pl
Woodham, Fred'k R., 312 Tompkins av
Woods, Isaac F., 678 Drigs
†Wright, Wm. W., 224 St James pl
Wuttke & Son, 7 Hull
Young, Thos. J., 136 S 4th
Ziccardy, D. A., 103 Prospect av
Zink, Adolph, 163 N 3d

Boroughs of Manhattan & Bronx

NEW YORK—Abbott-Gamble Co., 32 Bway
Abell, Jno. T. & Co., 506 E 56th
Ablondi, E. & Sons, 73 Park
†Acken, Samuel I. & Sons (Large), 1181 Bway
Ackerson, T. B. Co., 140 Nassau
†Acme Realty Co., 500 5th av
Adams, Louis, 217 5th
Adamson, J. H., 57 Ann
Adler, Geo., 60 Cortlandt
Ahneman & Younkhere, Bway nr W 236th
Aitken, William, 1552 Kelly
Alliegro & Spallone, 443 St Anns av
Allison, John W., 253 W 16th
Altieri, Jerry, 206 Bway
Altomare, Vincent, 1 Centre Market pl
†Amalgamated Theatre Bldg. Ass'n, 1440 Bway
Ambrosius & Herzog, 28 St Marks pl
†American Construction & Supply Co., 17 Battery pl
†American Steel House Co., 796 11th
American Kiln & Construction Co., 31 Union sq W
American Supply & Construction Co., 32 Bway
Amend, Geo., 16 Grand
Amster, Joseph, 77 Norfolk
†Anderson, August, 20 Burling slip
Anderson, John C., 21 Pearl
†Angus, John, 152 E 36th
Anderson, Wm., 923 6th av
†Angus, John, 152 E 36th
(Antonius, Henry, 342 E 86th
Appell, Edw. J., 1576 Bway
Arcaro, G., 62 Spring
Archer, Jed O., 40 E 20th
†Armstrong, George, 613 Kingsbridge rd
Archer, Geo. F., 170 Bway
Arnold, Frederick, 142 Liberty
Armstrong, Jno. W., 104 W 24th
Ash, Wm. H., 411 W 42d
†Ashley, E. E., 207 W 145th
†Atlantic Construction Co., 62 William
†Baecker, George, 160 Maiden lane
†Baird, Matt. Contracting Co., 433 E 82d
†Baker Construction & Mfg. Co., 444 E 138th
Baker, W. E. & Co., 170 Bway
†Baffrey, Ray, 1123 Bway
Baldwin-Green Co., 60 W 109th
Bandel, Albert, 185 E 115th
Baldwin-Green Co., 60 W 109th
Ball, Stephen, 1003 Park av
Balze, Aug., 123 W 22d
Bandel, Albert, 185 E 115th
†Barnard Realty Co., 1947 Bway
Bardsley Bros., 151 Baxter
Bartlett, Hayward & Co., 100 Bway
Barone, Salvatore, 3 James
†Barrow, William, 2291 2d av & 62 William
Barry, Edward, 119 W 29th
†Barry, Jno. J., 793 E 167th
Barwick, William A., 214 W Houston
Basini & Caldi, 751 E 174th
Bates, L. W., 74 Bway
Bauer, Michael, 2079 8th av
Baxter, Chas. R., Throgg's Neck
Baxter, Chas. Son & Co., 2580 3d av
Beaudet, H. J., 132 Nassau
Beck, B. M., 821 Bway
†Beekman, Lemuel F., 36 8th av
†Beacon Contracting & Construction Co., 280 Bway
†Bell, Enoch C., 520 Willis av
†Beaver Construction Co., 22 William
†Beet, William, 140 Broad
†Beinhauer, Alfred (Large), 289 4th av
Beinhauer, Fredk., 208 E 65th
Bell, Enoch C., 520 Willis av
Bellman & Sanford, 149 Bway
†Belmont & Volz, Unionport rd, Unionport
Bender, David, 143 4th av
†Benjes & Stiefel, 402 E 53d & 140 1st av
Bennett, William H., 133 Cedar
†Benson Brothers, 2471 8th av
Bergeron, Louis W., 123 W 124th
†Bergmark, O., Depot sq & Webster av
Berlin Construction Co., 220 Bway
Bernstein, Benj., 1985 Bway
Bernstein, Jacob, 8 E 113th
Bertelsen Bros., 559 Lenox av
Berry, Martin H. & Son, 60 Cliff
Besant, Wm. N., 348 6th av
Beverly, Edward, 139 E 88th
Biasiotto & Bacchetti, 529 Broome
Bigelow & Hinds Co., 1133 Bway
Biringer, Peter, 989 2d av
Blaikie, W. & A., 108 E 126th
Blessing, Michael, 437 Lex av
Blewett, Jas., 663 Lex av
Bloodgood, Wm., 108 E 106th
Bloomfield, Joel, 209 E 19th
†Bogert, Albert G. & Bro., 113 Bank
Bohek, George, 108 E 119th
†Boland & Son, 204 E 63d
†Bond, Chas. F., 136 Liberty
Booth, Samuel H. & Sons, Centre av C I
Bonanno, P. & Son, 170 Worth
Booth, H. F., 1123 Bway
Booth, Dailey & Ivins, 17 Park row
†Booth, John F., 59 William
Boulger, Benj., 39 Cortlandt
Boreham, Herbert W., 1559 Bway
Bourne, Francis, 840 E 168th
Boyce, T. H. & Co., 49 Christopher
Boyd & Selfridge, 949 Bway
†Bradley, William, 536 W 48th
Bradley, Wm. & Son, 277 Bway
Bradley & Buckles, 868 Amsterdam av
Brady, Jas. B., 4 E 42d
†Brady, John T. & Co., 22 E 42d
Brady & Give, 11 Moore
†Braender, Philip, 63 W 125th

Brandt, L. & J., 1947 Bway
Braveman, Silverson & London, 230 Grand
†Braeunig, August (Large), 1012 E 137th
Brandstetter, Ch., 203 E 94th
Brassington, John D., 259 W 27th
†Breen, Thomas H., 1126 Lexington av
†Brengel, Wm., 751 7th av
Brennan, Peter J., 1931 Bway
Brigham, Walter S., 2268 Bway
†Brettell, F. R. & Son, 132 Nassau
Broadway Bldg. Co., 170 Broadway
†Brody, Adler & Koch, 132 Nassau
Brooks, Philip F., 925 6th av
Brophy, William, 5 Clarke
†Brose, Andrew, 1 Madison av
Brown, Andrew B., 492 Columbus av
Brown, Geo. & Co. (Inc.), 1123 Bway
Brown, Gilbert C., 1123 Bway
Brown, H. & Son, 375 Pleasant av
Brown, Isaac T., 39 Cortlandt
†Brown & Co., 215 W 103d
Brown & Fleming Contracting Co., 129 Broad
Brunswick Construction Co., 100 Bway
Bryce, Robert, 107 W 29th
Buchanan & Son, 4 Benson
†Buek, Chas., 500 5th av
Buerger, Emil, 171 E 112th
Buffett, Wm. H., 7 E 42d
Bulloch, Samuel R., 52 Bway
†Bunn & Nase, 1123 Bway
Buonocuro, A., 348 E 110th
†Burgess & Robertson, Amsterdam av & W 162d
Burke, James A. & Son, 188 W 102d
Burke, Luke A. & Co., 401 W 59th
Burns, Wm., 396 Bway
Buttons, James, 1176 Boston rd
Byers, Moses G., 21 W 62d
Byrne, James C., 301 W 43d
Byrnes, Patrick J., 105 E 31st
Cadoo, Geo. J. & Co., 357 W Bway
Cahill, Lawrence, 92 5th av
Cahill, Wm., 2081 Arthur av
†Caldwell, John, 259 W 27th
Caldwell, Jno. A., 45 Bway
Callaghan, Michael J., 112 Cedar
Calkins, S. W., 642 Columbus av
Camden Construction Co., 41 Cedar
Cambels, John, 153 W 25th
Campbell, Archibald, 515 W 169th
Campbell, Bernard, Throgg's Neck
Campbell, Murdoch F., 126 W 19th
†Campbell, Wm., 214 W 68th
†Campbell & Clement, 38 Park row
Canavan Bros., 118 W 101st
†Cane, W. H. & F. W., 17 Park row
Canino, Angelo, 98 James
Canter, F. J., 121 Chambers
Cantwell, T. J., 984 6th av
Cape Construction Co. of N. Y., 17 Battery pl
†Carey, M. J. & Co., 1123 Bway
Carolina, Hubert E., 2 E 133d
Carlin, John, Bway & 186th
Carmina, B. & S., 89 West
Carroll, James, 599 Washn
Carroll, Wm., 54 Prince
Casey, Abraham L., 1771 Bway
Casey, John, 83 Pine
Casey, Richard H. (Large), 109 W 30th
Cavanagh, Chas. W., 23 W 64th
Century Bldg. Co., 74 Bway
Century Construction Co., 5 E 42d
†Cetta, F. & Son, 53 Nassau
Ceva, Frank & Son, 173 Prince
Chalmers, George & Son, 39 W 98th
Chamberlain, A. B. & Co., 29 Bway
Chandler, R. D. & Co., 11 Thompson
Chapman, Francis H., 43 Cedar
Chapman, Robt., 1874 Park av
Christie, Robert & Son, 122 W 29th
Christie, Jas. W., 119 W 30th
Chute, Dean W., 5 E 14th
Chute, H. N., 23 E 8th
Church Construction Co., 126 Liberty
Citrin, L., 40 Norfolk
†Clark, Fred., 520 Hudson
†Clark, John W., 86 Roosevelt
†Clark, Nathan E., 1211 Madison av
Clark & Co., 100 Bway
Clarke Realty Co., 39 Cortlandt
Cleary, Jno. F., 130 Greenwich av
Clements, Chas. J., 147 E 23d
Cluse & O'Rourke, 3d av & E 148th
Cobban, David H., 107 W 49th
Cobban, Robert & Son, 961 Columbus av
Cockburn, Wm. H., 703 Amsterdam av
†Cocker, J. C. Bldg. Construction Co., 151 W 68th
Cockburn, Wm. H., 703 Amsterdam av
Coffey, Wm. J., 243 N 57th
Cohen, Morris O., 176 E 105th
†Collins Bldg. & Con. Co., 155 W 140th
Collins, Lloyd (Inc.), 17 Park row
Colonial Construction Works, 516 E 72d
Colwell, Hugh, 17 E 129th
Collareta, Luigi & Son, 162
Condon, Thomas, 59 Crosby
Conklin, Geo. L., 39 Cortlandt
Conley, Owen J., 96 Bway
†Connor, Thos. D., 1123 Bway
†Conover, W. A. & F. E., 253 Bway
Contant, Edmond, 107 E 9th
†Consolidated Construction Co., 49 E 132d
†Construction Realty Co., 112 W 42d
Cook, Ferguson A. & Son, 127 W 40th
Cooney, James H., 954 Lex av
Cooke, Henry D., 35 Bway
Corn, Henry, 1170 Bway
Cornell, Chas. G., 32 Bway
Corning, Edward, 621 Bway
Cornell, J. N. H., 32 Bway
Corson, George W., & Sons, 161 E 84th
Corwin, Oliver H., 68 Trinity pl
Cosgrove, David W., 142 W Bway
Cosine, Ogden W., 223 W 42d & 958 8th av
Costenbad, Philip, 502 W 158th
†Cowen, Chas. A. & Co. (Large), 1123 Bway
Coyle, Wm. J., 674 Columbus av
Craig, Wm., 44 W 67th
†Cranwell & Son, 1931 Bway
Cranwell Construction Co., 1931 Bway
Cresti & Co., 177 Worth
†Crocheron, Henry S., 73 Christopher
Crockett, Thomas A., 179 W. B'way
†Crockett, W. & W. F., 310 E 60th
†Crockett & Hamilton, 10 Grand Circle
Cronk, John, 115 W 37th
Crosbie, Martin J., 240 Spring
†Crosier, Perley S., Arden, Williamsbridge
†Crosier, Chas. W., 354 W 17th
Crozier, Jno. N., 178 E 124th
Crump, Wm. R., Pleasant av, Williamsbridge
†Crow, Wm. L., 287 4th av
†Cruickshank & Murison, 4214 Park av
Cunningham, T., Co., 608 E 15th
Cunningham, R. A., & Co., 343 E 16th
Cuozzo, D., & Bro., 150 Nassau
Cusick & Ryan, 536 W 49th
Cutting, G. H., & Co., 20 W 34th
†Dall, J., Construction Co., 12 E 23d
Darling, Oscar, 17 Park Row
Davie, Jas., 107 W 100th
Davies, Thos., 1947 Lex av
Davis, Chas. F., 104 W 25th
Davis, John W., 543 W. B'way
Davis, R. L., 625 Hudson
†Dawson & Archer, 150 5th av
DeClark Bros., 155 Perry
†Deeves, J. H., & Bro., 287 4th av
†Deeves, Richard & Son, 309 B'way
†Deisler & Stevenson, 241 W 55th
Delaney Bros., 63 Madison
Delaney, Thos. H., & Co., 136 W 30th
Dell, Cahow & Co., 115 B'way
†Dennis, Stanley A., 280 B'way
Deuchar, Wm., 2574 8th av
De Witt, Orville W., 172 W 77th
†Diamond, Jos., 61 W. Park av Westchester
Dickie, Wm. R., 313 W 133d
Diedrick, P., & Co., 339 E 47th
Dierken, P. J., 507 W 156th
†Dieterlen, Theodore, 124 E 129th
Dittisky, Morris, 305 E 77th
Diller, Chas. S., 271 5th av
†Diller, Wm., 271 5th av
Dillon, Patrick, 145 E 41st
Dinneen, John J., 913 6th av
Dittmar, Carl H., 121 W 125th
Dixon, Wm. F., 156 5th av
†Doane & Edelman, 126 William
Dobbie, Alex D., 323 W 125th
Dobson, Peter, 202 E 41st
Doern's, V., Sons, 18 E 42d
Donahue, Cornelius A., 175 Waverly pl
Dore, Geo. W., 87 Christie
Dorn, Wm. J., 1361 Boston rd
†Douglas & Waldron, 7 E 42d
†Downey, John, 410 W 34th
Downs, Sewell, 119 Varick
Doyne, Wm., 143 Grand
Drake, Chas. W., 29 B'way
Drake & Stratton Co., 100 B'way
†Drummond, R., & Son, 133 W 53d
Du Bois Mfg Co., 218 Thompson
†Ducker Co., 277 B'way
†Duff, Robt., 132 W 16th
†Duffy, Terence J., 131 W 31st
†Duggan, Frank, 175 E 62d
†Duncan, Alex, & Son, 101 Prince
Dunfee, John, & Co., 78 Broad
Dunn, F. C., & Co., 41 Wall
Dunne Bros., 507 W 21st
Durand, Octave, 253 W 92d
Duval, Joseph, 146 E 84th
Eadie, J. M., Co., 1 Madison av
†Eakins, John R., 6889 Columbus av
Eben & Lothman, 203 W 69th
†Edgar's, Geo. C., Sons, 2 W 88th
Edgar's, Geo. C., Sons & Co., 2 W 88th
Edwards, Chas., 2594 B'way
Egerton, Jos. E., 2527 3d av
Eichler, Chas., 401 W 27th
†Eidlitz, Marc, & Son, 489 5th av & 308 E 59th
Eisenbach, Geo., 130 B'way
†Elderd, Wm. E., 202 E 124th
†Elgar, James, 335 W 24th
Elgar's, Jas., Sons, 19 Lex av
Elting, Cornelius W. H., 1831 Park av
†Empire Construction Co., 194 Front
Emrich, Joseph, 150 B'way
Engesser, Henry, 403 E 16th
†Eppert, Peter, 772 2d av
Erikson, I., 590 Lex av
†Erskine & McGregor, 205 W 19th
Essig, Albert, 2138 8th av
†Etkin, Max, 401 E 19th
†Evans, Edwin, 871 Park av
Evans & Thomas, 1741 B'way
Ewing, Fred, 304 W 130th
Extrom, Frank H., 261 9th av
Ezelius, Frederick, 19 1st
Fairbanks, Jonathan, 361 W 29th
Fajans, Isidor, 54 Lex av
Falls, Joseph
Fangel, J. P., 99 4th av
†Fanning & Reilly, 150 5th av
†Farley, Jos. A., Construction Co., 5 E 42d
†Farley, Jno. T. & Jas. A., 571 5th av
Farmer, Richard A., 60 William
Farrely, Hooper & Co., 2105 7th av
Federal Construction Co., 55 B'way
Feinstein & Aaron, 112 Canal
Fenn, J., 4229 Park av
Ferguson, Geo. E., 31 Pine
†Ferguson, John W., 253 B'way
Ferrell, Frank J., 150 W 27th
Ferrier, W., Co., 2664 B'way
Fessler, W 37th
†Fettretch's, Jas., Son & Co., 477 Park av
Fielder, Jessie I., 1848 Lex av
Fifty-fifth Street Co., 100 B'way
Finley & Handford, 535 Pearl
Finn, J. T., & Co., 150 W End av
Fink & Adams, 38 Gold
Fischer, F. W., & Co., 160 5th av
Fishbough, Peter C., 21 Hudson
Fischer, F. W., & Co., 160 5th av
Fisher, F. A., 125 W 31st
Fissell & Wagner, 1133 B'way
Fitch, Lewis B., 8 Bronx Arcade
Fitzgerald, James V., 131 Morningside av E
Fleischmann Realty & Construction Co., 7 E 42d
Fleming, Ira W., 102 E 126th
Flood & Ryan, 103 E 125th
Florence, Jno. C., 106 W 28th
Floy, Henry Co., 220 B'way
Flynn, Thos. F., 347 7th av
Fogelstrom, J. A., 627 Columbus av
Forham, John, 304 W 41st
†Forty-ninth Street & Madison Co., 100 B'way
Foster, Patrick J., 21 E 15th
Foster, Wm., 250 Fulton
†Fountain, G. E. & G., 34 E 64th
†Fountain & Choate, 114 E 23d
Fowler, Wm. J., & Co., 1821 Madison av
Fowner, Jas. S., 149 B'way
Foy, Alphonse L., 12 Chambers
Foy Bros., 415 E 65th
†Francini, C., & Co., 14 Maiden la
Franklin, Henry, 118 W 26th
Franklin, John B., Jr., 247 Spring
†Frees, John, 612 E 156th
Friedman, Robt., 63 E 103d
Fries, Longin, Eastchester rd, Westchester
Froeligh, Henry W., 93 Greenwich av
Fuller, Elam H., 175 W Houston
†Fuller, Geo. A., Co., 137 B'way
Fulton, John, 451 W 32d
Fudman Construction Co., 26 Cortlandt
Gabay Construction Co., 114 E 23d
Gabler, Jno. C., 86 Cortlandt
†Galbraith, Andrew, 1559 B'way
Galef, G., 88 Delancey
Galef, Henry, 30 Rutgers
†Gallagher, Patrick, 11 E 59th
Gamble, James, Contract Co., 15 William
Garland, James J., 10 Peck sl
Garner, Jas., 259 W 14th
†Garnsey, Erasmus D., 134 W 23d
Garrabrants, Henry, 337 E 67th
Gatti, R., & Co., 64 Washington Sq S
Garvin, Vincenzo, 248 3d
Gedney Bldg. Co., 111 W 11th
Gehiker, F., 3 Bleeker
Geldart, Rich. W., 2 Stone
Gelb, Leopold 281 7th
General Building & Construction Co. (Large Builders, etc.), 100 B'way
General Construction, 136 Liberty

General Supply & Construction Co., 24 State
Gens, Kate, 308 E 49th
Gerhartz, Victor, 920 3d av
Gest, Guy M., 277 B'way
†Getty, Hugh, 274 9th av
†Gibson, William M., 1720 B'way
Gilbert, Lawrence, 145 W 26th
Gilbert, Wright L., 144 Chambers
Gilbreth, Frank B., 17 Park Row
Gilbertson, Chas, 264 W 26th
Gillespie Bros., 1133 B'way
Gillespie, T. A., Co., 71 B'way
Gillics, John, Co., 60 B'way
†Ginsburg, Bernard, 132 Nassau
Giordano, Geo., 6 Cannon
Glassman & Lehr, 103 Mercer
Godeffroy, A. E., 52 B'way
†Goetschius, John H., 539 Hudson
Goldberg, Nathan, 236 Delancey
Goldsmith, Israel, 56 Willett
Gollick & Smith (Inc.), 1133 B'way
Goodwin Bros., 17 Battery pl
†Gordon, Hyman, 8 Delancey
Gordon, Isaac, 1789 Madison av
Gordon, John, 24 E 12th
†Gorman, Maurice J., 298 Willis av
†Gray, Patrick K., 103 E 105th
Gray, A. & W., & Co., 233 W 33d
Green, W. E., 1133 Bway
Greenwich Construction Co., 434 105th
Greenless, Thomas, 4th av, W'msbridge
†Greenless, Wm., 238th nr. Vireo av
Gregory, Elisha, 123 Liberty
†Gridley, Edward (Large), 240 W 27th
Griffin, Sam'l H., 462 Washington
†Griesser, Wilhelm Construction Co., 11 B'way
Griggs, C. Robinson, 150 Nassau
†Grissler & McGregor, 122 E 11th
Gross & Hermann, 169 E 92d
Gross & Horn, 249 Front
Guarantee Construction Co., 72 Trinity pl
Guerber, Louis A., 171 B'way
Guggolz, Wm., 2305 Bathgate av
Guidone, T. & Galardi, 114 E 23d
Gumaer Edw. B., 39 Cortlandt
Gumpel, David L., 83 Bleecker
Gurley, David L., 55 E. Houston
Haas, Julius, 215 E 64th
Haas & Freid, 90 E 10th
Haas & Luft, 945 6th av
†Haase & Lippman, 1936 3d av
Haberman & Son, 139 W 116th
Hackett-Hankinson Const. Co., 93 Watts
Hagemann, Theo., 1630 1st av
†Haight, Ehurn F., 175 W Houston
Haines, Chas. D., 99 Nassau
Haines, Elmer T., 99 Nassau
Hall, A. C. & H. M., 9 E 42d
Hall, B. J., & Sons, 108 Wall
Hall, George, 158 Prince
†Hall, W. W. & T. M., 11 E 42d
Hall's, Wm., Sons, 39 E 42d
Hall & Grant Construction Co., 140 Nassau
Halligan & Son, 549 6th av
Hallinan, James, 376 W 35th
Hamburger & Kleinfeld, 194 Bowery
†Hamilton, Jno. L., & Sons, 350 W 27th
†Harkinson, Wm. A., 116 W 33d
Hanretty, Robt., E., 409 W B'way
Hansen & Arctander, 360 Alex av
Hansen, Christian, 142 7th av
Harding, Lewis, 118 E 13th
Hardy, Geo. H., 116 W 31st
Harley, Peter S., 29 W 124th
Harper, William G., 229 N 50th
Harris, H., 138 4th av
Harris, Samuel, 168 Eldridge
Harris, H., & Co., 138 4th av
Hart, James A., Co., 256 B'way
Hart, Max, 99 Nassau
†Hart, Wm. H., 11 9th av
Hart, Wm. J., 220 W 51st
Hart, Wm. M., 117 W 124th
†Hartman & Horgan, 287 4th av
†Hartung, Peter, 318 E 95th
Haveron & Co., 3 Pearl
†Hawkes, Hy., 46 Cedar
Hawkins, Charles A., 118 E 13th
Haydock, Ephraim, 300 W 11th
Hayman, Geo. W., 2 Grand
†Hayes, Richard, 103 E 125th
Hazell, Arthur M., 11 B'way
Healy, James, 207 E 105th
Heckman, Simon A., 373 G'wich
†Hedden, V. J., & Sons Co., 1 Madison av
Hederman, Thos, 564 Columbus av
Hedlund, John, 218 E 21st
†Heesch & Sibbert, 131 Beekman
Heimerdinger, Eugene M., 398 6th av
†Heinicke, H. R., 160 5th av
Helm & Kjellgren, 943 6th av
Helprin, Simon, 138 Madison
†Henderson, Alex., 307 W 21st
Henderson, Louis H., 60 W 135th
Henderson, Robt., 110 W 26th
†Henderson, Wm., 1123 B'way
Hendrick & Co., 239 B'way
Henley, Thomas, 51 Ann
Hennebique Construction Co., 1123 B'way
†Hepburn & Mathison (Large), 547 Broome
Herbert, H. M., & Co., 51 Liberty
Herman's, Phillip, Son, 407 W 14th
Herrel, Jno., 418 W 42d
Herrmann, Adam, 372 Canal
Herrmann, Geo., 221 W 35th
†Herrmann's, Philip, Son, 407 W 14th
Herzog, Carl, 207 Spring
Hesketh, Chas., 260 W 143d
Hesketh, James, 158 Greenwich
Hesketh, Robt., 300 W. 144th
Heumann, Henry, 210 E 38th
Hickey, Patk. J., & Son, 111 W 37th
Hickman, John F., 76 John
†Hildebrand, Geo. (Large), 38 Park row
Hildenbrand, Wm., 1 B'way
Hill, Isaiah L., 209 E 40th
Hill, Geo., 130 Lawrence
Hill, Wm. C., 42 E 23d
Hilliker & Fowler, 465 Columbus av
Hilmers, Herman C., 35 B'way
†Hines, Frank H., 104 W 124th
Hirt & Kolbe, 412 2d av
Hislop & McColloch, 2251 B'way
Hodge, Wm. F., 211 Varick
†Hoe's, James C., Sons, 10 Liberty pl, 83 G'wich & 54 Gansevoort
†Hogencamp, Jno. W., & Son, 136 W 55th
Holbrook, Cabot & Rollings, 44 Union Sq E
Holland & Co., 493 W B'way
†Hollerith, George, & Son, 1421 Prospect av
Holmes, James H., & Co., 95 Wall
†Holmes Bros., 265 B'way
Honduras Syndicate, 42 B'way
Hood, Jas., 52 Fulton
†Hood, R. H., Co. (Large), 220 B'way
Hopwood, Wm. F., 1029 Boston rd
†Hopkins & Roberts, 245 B'way
†Hopper, Isaac A., & Son (Large), 1170 B'way
Hooper, John J., 217 W 125th
Hopwood, Wm. F., 1029 Boston rd
†Horn, E. C., 1440 B'way
†Horne, Wm., Co., 245 W 26th
†Houpt, Harry S., 112 W 42d
Houston, Thomas H., 65 W 54th
Howard, James, 239 Waverly pl
Howland, Geo. L., 809 6th av
†Hudson Bldg. (Inc.), 33 Wall
Hughes, Andrew, 2774 B'way
†Hughes Bros., 162 E 27th
Hughes, Evan, 229 Mercer
Hulsart, R., & Co., 150 Nassau
Hummer & Montene, 225 E 103d
Hunt, Elisha J., 200 E 38th
Hunter & Son, 51 E 62d
Huntley, George F., 24 Frankfort
†Hurley, John, 156 5th av
Hutchings, W. E., 322 Columbus av
Hynes, John, 300 E 64th
†Imhoff, Anthony G., 121 E 13th
†Inkelas, Max, 1359 3d av
†Importers' Bldg. Co., 27 William
†Inness, Thos. B., 1123 Bway
†Interborough Construction Co., 1 Madison av
†Interurban Bldg. & Real Estate Co., 32 Bway
†Ivy Courts Realty Co., 230 W 107th
Iwanowius, Gustave A., 1585 Park av
Jackson Construction Co., 44 Pine
†Jackson, Geo. G., 208 W 17th
Jackson & Sharp Co., 25 Broad
†Jacob, August, 1010 Washn av
Jacob, S. & Sons, 424 E 102d
Jacob & Youngs, 1133 Bway
James, Chas. & Co., 215 W 90th
Janpole, Wm. M., 206 Bway
†Jeans & Taylor (Large), 453 Bway
Jennings & Welstead, 227 W 50th
Jervis, Wm., 330 W 41st
Jervis, Wm., 330 W 41st
Johnson, Alex. P., 747 Madison av
Johnson, John P., 303 E 78th
Johnson, Olaf, 76 Grand
Johnson, Robert, 204 E 58th
Johnson & Parson, 612 W 110th
†Johnson-Kahn Co., 500 5th av
Johnson, Wm. B., 43 Peck slip
Johnson & Allen, 403 W 24th
Johnston, Andrew J. & Son, 163 Maiden lane
Johnston, Robert E., 164 St Nicholas av
†Johnston, A. J. & Son, 165 Maiden lane
Johnston, Thos. H., 188 E 93d
†Jones Construction Co., 3 Union sq W
Jones, Edwin C., 750 6th av
Jones, Samuel, 7 Bway al
Jones, Thomas W., 18 Fletcher
Joralemon, Walter, 187 Grand
†Jordan, Jno. & Son, 447 W 28th
Joyce, Martin, 403 W 29th
Jump, Geo. W. Co., 154 W 26th
Just, Geo. A. Co., 452 5th av
Kammerer, Jacob, 210 E 26th
Kane, Terence P. W., 141st nr 5th av
Kane, M. & Son, 31 Perry
Kaplan, Edw., 665 E 145th
Kaplan, J. & L. Leventhal, 1726 Madison av
Katz, Harris, 2 Pitts
Kaufman, Gustav, 1 Bway
Kavanagh, Patrick H., 118 Cedar
Kearney, F. J., Spafford & Burnett pl
Keating, J. L. & Co., 236 E 35th
Keegan, Jno. J., 511 E 80th
Kehoe, John & Co., 401 E 18th
Keller, Jacob, W Farms rd, Van Nest
Keith & Campbell, 305 W 24th
Kelley, Samuel D., 4 Gold
Kelly, Jas. A., 50 E 41st
Kelly, Robert E., 121 E 41st
Kelly & Kelley, 45 E 42d
Kelsey, N. Grant, 127 Bible House
Kelynack, Richard, 1495 3d av
Kennaugh, Wm., 462 W 52d
Kennedy, David T., 19 W 74th
†Kennedy, John J., Mosholu av nr Bway
Kennedy, P. H., 563 Amsterdam av
Kennedy & Monks, 156 5th av
Kennelly, Maurice V., 64 Vesey
Kenny, Michael L., 456 4th av
Kenny, Robert, 8 Union sq E
Keogan & May, 153 Hudson
Ketcham, Tredwell, 447 Willis av
†Keystone Realty Co., 160 5th av
†Kight, A. B., 1947 Bway
King & Horne, 217 W 125th
†Kingston, Jno. W., 1117 Westchester av
Kinnicutt, John, 120 W 25th
Kirkpatrick, Wm. J., 437 Lenox av
†Klappert's, C. W. Sons, 328 E 25th
Klaw & Erlanger Construction Co., 214 W 42d
†Kleban, Louis E., 171 Bway
Klein, John, 547 W 54th
Klein, William, 191 3d & 505 E 15th
Klett, John C., 503 W 166th
†Klingman, F. & Co., 1133 Bway
Kloth, Adolf, 427 E 14th
Knapp Portable Bldg. Construction Co., 112 W 42d
Kneeland, Sylvester H., 32 Bway
Knickerbocker Construction Co., 208 5th av
†Knowles, Jos. C., 500 5th av
Kolowsky, Gottfried, 251 W 35th
Koplowitch, Max, 93 Delancey
†Kottek, Jacob, 87 Nassau
Kraft, Joseph, 415 E 121st
Kramer, Edward, 549 E 154th
Krause, Frank, 66 Pearl
Kruger, Otto, 314 E 75th
Kreps & Nezold, 80 Duane
†Kruse & Baker, 103 E 125th
Kruger, Otto, 314 E 75th
Kunz, Nicholas, 102 Manhattan
Kunzmann, Jno., Av B, Unionport
Kunzmann, John, Av B, Unionport
†Lackey & Buckbee, 225 W 51st
†Lahr's, Adam Sons, 66 Att'y
Lakner & Co., 133 3d av
Lambert, Emile, 106 W 26th
Lane, Alfred A., 154 W 103d
Lane, Joseph & Co., 432 Columbus av
Lang & Schwenker, 7 Rector
Langley, John, 119 E 23d
Larkin, Michael & Son, 519 E 16th
Larkin, P. & T., 614 E 15th
Larsen, Andrew, 836 E 138th
Larson, Frank, 771 Columbus av
Lautz, C. & Son, 8 Lewis
†Lawrence, Isaac C., 348 W 16th
Lawrence, John, 13 Beach
Lawrence, Thos. H., 9 Rector
Lax, Henry, 114 4th av
†Leahy, Thos. B. (Large), 9 E 42d
Leary, Samuel B., 204 W 93d
Leary, Jas. D. & Son, 17 State
Leary & Curtis, 129 W 125th
Lebensfeld, Wolf, 313 Broome
Legouff, Robt. J., 133 Washn pl
Lehmann, Charles, 176 3d
Lehigh Construction Co., 26 Bway
Lehmann, Charles, 176 3d
Lein, H. W., 162 W 46th
Leitch, Alexander, 235 E 84th
†Lennon, John J., Riverview Terrace, Morris Hts
Lenox Construction Co., 159 W 125th & 2105 7th av
Leonard, Wm. B., 7 Chambers
Lessing, Fred, 19 Thompson
Levin, Abraham, 82 Division
Levering & Jarriques Co., 552 W 23d
Levitin, Aaron, 35 Monroe
Levin & Zatotzky, 83 Delancy

Levinsky Bros., 248 Broome
†Lentilhon, Eugene, 489 5th av
†Leslie, John, 770 St Nicholas av
†Lewis & Jones, 2 W 14th
L'Hommedieu's, J. H. Son, 1133 Bway
Liberty Construction Co., 132 Nassau
†Lincoln & Ranney (Large), 460 W 41st
Linton, Adam, 13 E 13th
Lippe, H. F. & Bro., 1788 1st av
Lipps, Henry, Jr., 115 Ellicott av, Wmsbridge
Lisman & Sigel, 133 Suffolk
†List & Lennon, 147 Columbus av
Littlejohn, A. S., 390 W End av
†Lochmann, C. & Son, 451 2d av
Logan, Wm., 129 Broad
Loonie, J. J., 1931 Bway
Lotz, Frank, Morris Park av
†Lowen, Chas. Co., 29 E 19th
†Lowry, Jas. L., 305 W 40th
Loughran, Jno. J., 39 Cortlandt
Louisiana Construction Co., 42 Bway
Low & Flogans, 485 E 138th
Ludford, Francis, Cambreling av nr Pelham av
Lustbader & Glantz, 430 E 72d
Lust, Louis, 40 6th av
Luyster, C. W. & Sons, 35 Nassau
Lynch, Patrick H., 53 Convent av
Lynch, Valentine, 101 W 42d
†Lyons, Frank, 280 Bway
†Lyons, Jeremiah C., 128 Bway
McAfee, Robert, 55 Ann
McArdle, Jos. M., 253 W 27th
†McBrien, Edward C. (Large), 244 W Houston
†McCabe, Michael F., 69 Wall
†McCafferty, Eugene, 412 W Bway
McCallum, Jno., 223 E 23d
McCarthy, Dennis C., 122 E 11th
McCarthy, Patrick, 143 W 49th
McCarthy & Macy, Prospect & Westchester avs
McClave, Hamilton & Co., 149 Bway
McClintie-Marshall Construction Co., 17 Park row
McCloskey, Andrew J., 445 Amsterdam av
McConnville, Jos., 7 E 42d
McCloskey's, Chas. Sons, 70 E 85th
†McCormack, Michael, 1110 Park av
†McCullagh, John H. & Sons (Large), 148 W 4th
McDermott, Jos. H., 372 Lenox av
McDermott & Buckley, 27 E 21st
McDonald, Jas. P. Co., 35 Nassau
McDonald, John B., 17 Park row
McDonald & Onderdonk, 2906 Jerome av
McEntee & O'Brien, 1123 Bway
†McEntyre, P. B. & Son, 220 W 36th
McGill, Hugh, 304 Columbus av
McGill, John, Vireo av, Woodlawn
McGirr, Wm. J. Co., 553 W 44th
McGivney & Rokeby Construction Co., 1 Bway
McGuire, F. J. Construction Co., 968 St Nicholas av
McGuire, Jas. C. Co. (Inc.), 26 Cortlandt
McGuire, Peter, 1289 Columbus av
†McGuire, Samuel K., 151 W 28th
McIntyre, William, 280 Bway
McKay, Wm., 117 John
†McKean's, Wm. Sons, 48 Bank
McKee, Albert L., 261 W 25th
McKee, John, 348 Lenox av
†McKeefrey, John, 289 4th av
McKeon, Frank J., 312 W 43d
McKeon, Wm., 202 E 43d
McKeown, Thos., 521 W 110th
McKerness, Wm. H., 249 Mercer
McKiernan, Jno. J., 2421 Bway
McKerness, Wm. H., 249 Mercer
McKnight, Hugh, 25 E 10th
McKune, C. S. Co., 503 5th av
†McLaughlin, Jno., 346 E 81st
†McLaughlin, Thos. F., 348 E 81st
McLaughlin, Thos. J., 1123 Bway
†McLaughlin, Thos. J., 2647 Bway
McLaughlin, Wm. E., 147 E 23d
McLennan, D., 122 E 11th
McLeod Co., 95 Liberty
†McManus, Thos. & Son, 45 E 42d
McMorris, Jas., 413 4th av
†McMurray & Co., 508 W 24th
McMullen, Arthur & Co., 17 Park row
McMullen & McBean, 640 Lenox av
McMullen, Weand & McDermott, 21 Park row
†McNally, Harry Bldg. Co., 396 Bway
McNeice, David J., 128 Bway
McNulty Bros., 550 W 23d
McQuade, Jno. J., 1298 Lex av
McQuien, Donald, 53 Great Jones
†McMorrow, Patrick, 477 Central pk W
†McMurror, C. & Son, 247 Spring
McNally, Edward, 200 E 73d
McSkimin, 76 E 125th
MacArthur Bros. Co., 5 Nassau
Macartney, McElroy & Co., 26 Cortlandt
Macdonald, Benj. J., 15 William
Macdonald, Chas., 2 Wall
†MacIntosh Construction Co., 150 Nassau
†Mackey, O. T. & Co., 235 W 50th
MacKenzie, Wm. Contracting Co., 156 5th av
Macdonald, Jno. H., 149 W 30th
MacKenzie, Quarrier & Ferguson, 114 Liberty
Madden, John, S W 137th
Magee Bros., 20 Bible House
†Maher, John & Son, 500 5th av
Mahoney, Michael J., 12 Chambers
†Mahony Bros., 101 W 42d
Mahlstedt, H. & Son, 629 E 146th
Malcolm, David, 152 W 52d
Manning, C., 312 W 47th
Malloy, Rexford & Co., White Plains rd nr Briggs, Westchester
Mangieri Co., 250 E 116th
Manhattan Bldg. & Purchasing Co., 63 Wall
Manson, Donald A., 50 New & 9 Coenties slip
Many & Murphy, 620 W 25th
Margowitz & Jacobs, 212 Clinton
Maring, Henry, 103 E 125th
Markey, Jas. J., 162 E 35th
Marshall, Frank, 142 E 42d
Marshall, M. J., 954 Lex av
Marrin, E. & P., 520 E 18th
Martin, J. L., Albany av & E 231st
†Martin, Jno. T., 135 E 34th
†Mason & Co., 138 E 42d
Masterson, Philip, 246 E 33d
Marucchy, Chas., 425 W Bway
Masters, Chas., 217 W 28th
Matthieu, Peter A., 990 6th av
May, Benedict P., Fordham av, C I
Matthews, Ed. A., 21 Park row
May & Jekyll, 1 Madison av
Maybury Chas. B., 865 6ht av
Mehan, Thos. F. & Co., 7 Water
Melin, Otto, 172 Wooster
Menton, D. J. Co., 230 W 116th
Metzler, Harry, 2143 Mapes av
Merrill, H. B., 1 Madison av
Meade, Wm. C., 156 5th av
Merrick Construction Co., 1 Bway
†Merritt, Wm. J., 100 Bway
Meyborg, C. P., 35 W 8th
Miller, Wm. S., 141 E 40th
Miller, Geo. S., Main st, C I
Miller, H., 129 Broad
Miller, Jeff. D. Co., 92 5th av
Miller, John D., 39 Cortlandt
Miller & Mann, 100 W 54th
Miller's, J. C. Son, 237 W 55th
Miller & Sommer, 235 Broome
Milliken Bros., 11 Bway
Milmond, Chas., 231 8th av
†Miner, John D., 150 Nassau
Minott, Jno. T., 123 E 97th
†Mitchell, Donald, 304 W 53d
Mitchell, J. W., 116 W 16th
Mitchell, Jas. E., 334 W 24th
Mitchler, Adam, 142 W 63d
Mockabee, John B., 236 Columbus av
Monks, Jno. & Sons, 82 Beaver
Moncrieff, Charles, 465 W 150th
†Money, Chas., Poplar, Westchester
†Monk, eorge, 92 8th av
†Moore, Frank E., 249 Spring
Mooney, Thos. J., 403 E 23d
Moore's, A. Sons, 1 W 68th
Moore, Chas. C. & Co., 26 Cortlandt
Moran, Jas., 166 W 56th
Moray, Oliver B., 60 E 85th
†Morehead Realty Co., 1978 Lex av
Moreland, J. & L. Co., 166 E 106th
Moreland, J. L. & Co., 1910 Park av
Morgan, Chas. F., 14 Pearl
Moriarity, Jno. J., 26 W 41st
Morrell, Cornelius S., 59 Ann
†Morris Building Co., 26 Bway
Morse, D., 131 W 35th
Morton, Chas. & Co., 500 5th av
Mount & Robertson, 28 Beaver
Muench, Matthias, Av D, Unionport
Muldoon, James, 173 E 120th
Mulholland, James, 510 W 45th
Muller Co., 157 E 85th
Muller, Geo., 251 E 84th
Mulligan, Geo. (Large), 33 E 32d
Mulligan, Jno. G., 271 Bway
Murdock, Harvey, 116 Nassau
Murphy Construction Co., 112 W 42d
†Murphy Bros., 489 5th av
†Murphy Bros., 422 W 156th
†Murphy, Jas. D. Co., 1183 Bway
†Murphy, Jno. H., 55 W 57th
Murray, Wm. J., 147 E 125th
Murray & Co., 259 Av C
Murray & Hanley, Walnut av & E 141st
Murray & Charleston, 123 E 16th
Myers, Chas. S., 132 Nasau
Naughton Co., 258 Bway
†Naughton Contracting & Construction Co., 309 Bway
Naumann, Henry C., 130 E 87th
Nelson, Andrew W., 228 E 22d
Nelson, A. & Co., 103 W 95th
New T Construction Co., 520 W 29th
New York Building Co., 936 W End av
Netherland Construction Co., 674 Columbus av
Nicholson, Edward, 48 W 125th
Noble & Gauss, 3109 Park av
Noone, T. Collins & Co., 154 E 91st
NORCROSS BROS. CO., 160 5th av
North, Morris, 155 2d
North Bros., 1224 S Boulevard
Nurnberg, Paul, 219 E 59th
Oakes, Thos., 4259 Park av
Oakes, Thos., 695 E 179th
Obermeier, Anthony J., 311 W 39th
O'Brien Bros., 55 South
O'Brien, Michael, Duncomb av, Wms'bdge
O'Connell, Michael, 2075 Arthur av
†O'Connor, Francis X., 256 W 54th
O'Dwyer, M. Co., 161 6th av
O'Flaherty, Martin, 35 Columbus av
O'Gorman, Maurice J., 298 Willis av
†O'Gorman, Wm. (Est. of), 298 Willis av
O'Keefe, Jno. J., 33 Ferry
Ohlson, Erick A., 208 Pearl
†O'Leary, John, 39 Cortlandt
Oliver & Burr, 256 Bway
Oliver, Chas. D. & Co., 1123 Bway
Olsson, Neilson, 4th st, Unionport
Olt, L. Fred'k, 118 E 88th
Oppenheim, Louis, 1571 2d av
Ormston & Kellam, 306 11th av
O'Rourke Eng'g Construction Co., 26 Nassau
O'Shea, Walter L. & G. H., 29 Bway
†Outwater, Edwin, 510 W 24th
Overhuise, Benj. F., 179 E 77th
†Overington, Thos., 121 E 77th
Owens, James, 240 E 84th
†Oxnard Construction Co., 32 Nassau
Pacey, Jas. W., 1123 Bway
Palladino, J. & W., 415 E 106th
Palmeteer, Neal, Riverdale av nr Rock
Packard, R. G. Co., 130 Pearl
Palmer, George, 2232 7th av
Panos, Harris & Co., 22 New Bowery
†Parker, John H. Co., 227 4th av
Parry, Elton E., 2123 & 2182 Bway
†Patterson, Geo. W., 160 W 27th
†Paul, Edw. E., 289 4th av
†Pauly Jail Bldg. Co., 1123 Bway
Pearson & Lehne, 703 Columbus av
Peck, Geo. F., 368 Columbus av
Penn & Son, 211 E 74th
Penn Construction Co., 26 Cortlandt
Penney, Thos., 216 Fulton
†Pennock, J. E. & A. L., 1133 Bway
Phillips, Frank W., 54 W 31st
Picken & Lilly Construction Co., 1961 7th av
Pierce, John A., 122 E 11th
Pierson & Goodrich, 281 4th av
Pigueron, Geo. H., 5 E 42d
Pihlman, Gustav I., 266 1-2 William
†Pinchbeck, J. A., 674 Columbus av
Pinckney, H. I. & Co., 19 Fulton
Pinelli Bros., 26 Sheil, Wmsbridge
Piper, Wm. H., 585 S Boulevard
Platzer, Otto, 120 W 125th
Polakoff, Louis, 991 Lex av
Pollak & Dubinsky, 194 Bowery
Porter, Isaiah, 15 Cherry
†Porter, John G., 36 Beekman
Prescott Construction Co., 1133 Bway
Price, Jno. A., 108 W 135th
Price, Walter S., 108 W 135th
Priestley, Thos. S., 5 Hudson
Prindle, Wm. A., 2289 2d av
Prime, Jas., 2499 Arthur av
†Probst, Herman, 10 W 22d
†Prodgers, Geo. W., 287 4th av
Pugh, Paul B. & Co., 101 W 66th
Qualey, Jos. S. Co., 29 Bway
Quinn, Patrick, 71 W Bway
†Rae, Thomas & Son, 405 W 24th
Rahn, W., 313 E 101st
Raiman & Ackerman, 200 E 29th
Rader & Goldman, 95 4th av
Radner, Morris, 208 Broome
Randall, Harry M., 863 Washn av
†Randall, Stephen M., 1123 Bway
Ranzenhoffer, Leopold, 123 Columbia
Ratgkin & Berman, 820 5th
Rathbone, C. & Co., 2123 Bway
Rau, Chas. G., 906 Columbus av.
Rau, Jno. W., Bway cor W 111th
†Ravekes, Albert & Son, 162 Mulberry
Reddy, Patrick W., 111th & Lenox av
Redmond, Michael, 746 E 176th
Reed, Washington B., 585 7th av
Reese, Thos. J. Co., 15 Whitehall
†Regan, John, 181 E 119th

Reid, Ralph H., 62 Amsterdam av
†Reid, M. & Co., 18 E 20th
Reid, Walter & Co., 156 5th av
Reinmiller, Conrad H., 1070 Union av
Remington Construction So., 135 Bway
Remington, Wm. H., 66 Bway
Rendt, Emanuel F., 18 Beaver
†Reynolds, Patrick, 102 E 12th
Richards & Jost,
Richards, J. T. & Co., 603 W 45th
Richmond & Wessell, 535 E 82d
Rigney, Jno. T., 2199 S Boulevard
Riley, Wm. J., Spuyten Duyvil rd, S D
Robb, Jas., 450 W 31st
Robb, J. & W., 505 W 35th
†Robbins, Harry A., 20 W 34th
Roberts, James S., 189 E 115th
Roberts, Jno. B. & Co., 1133 Bway
†Roberts, Peter & Co., 33 Sullivan
Robertson & Stevens, 415 W 48th
†Robinson, A. J. Co., 123 E 23d
Rodler, Albert, 186 William
Rodgers, J. C. & Son, 17 Park row
Rodgers, McMullen & McBean, 21 Park row
Roe, Wm. B., 44 Broome
Roedel, C. Fred'k, 230 Av B
†Rogers, Geo. W., 44 Bway
Rogers, Henry B., 2537 8th av
Rolf, Bernard, 39 Cortlandt
Roman, Jos. M. & Co., 136 Liberty
†Rosenberg & Levin, 310 E 4th
Rosenquist, August, 441 W 54th
Ross, Charles R., 116 Cedar
Ross, Donald, 132 W 25th
Rost, L. & Co., 1644 Madison av
Rowland, Geo. R., 44 Bway
†Royal Home Building Co., 194 Bowery
Rubing, Henry, 241 E 38th
Rue, Elwood, 233 W 30th
Runcie, John H., 228 1-2 Columbus av
Runey, George, 581 Columbus av
Russ, John P., 987 1st av
†Russell, W. H. C., 224 E 36th
Russell, Edward W., 165 Crosby
Rutherford, Richard, A., 157 Goerck
Ryan, John, E. 223d nr 2d av, Wmsbridge
†Ryan & McFerran, 106 E 23d
Ryan & Sons, 31 Laurence
Ryan-Parker Construction Co., 21 Park row
Ryder, Fred'k, 309 W 42d
Sallman & Winkler, 256 E 105th
Salvatore & Scocca, 339 E 125th
Sandberg, F., 168 W 129th
Sandberg & Feck, 39 E 42d
Sanderson & Porter, 52 William
Sands, Frank B., 24 Gold
†Sanitary Construction Co., 56 Pine
Saunderson Bros., 106 W 30th
Sayward, Jno. F. & Co., 21 W 24th
Scales, George, 1806 Madison av
†Schaefer, John V., Jr., 9 E 59th
†Schaettler, F., 533 W 34th
Schamach, S., 118 W Bway
†Schneidecker, Charles, 556 W 170th
Scheeler, John, 578 E 153d
Schenker & Litterman, 528 E 16th
Schiavone, Bart, 4177 Park av
Schiavone, Dominick, 4176 Park av
Schildwachter, Geo. P., 104 W 129th
†Schiller, E. L., 729 6th av
Schinkowsky, Julius, 15 Leonard
Schlesinger, Hyman, 136 Columbia
Schlesinger & Schlesinger, 403 W 59th
Schmid, Chas. S., 525 W 40th
Schmid, Martin A., 825 Forest av
Schmidt, B., 502 W 32d
Schmidt, Gottfried, 309 E 73d & 104 Av D
Schmidt, Fred (Est. of), 824 W Chester av
Schnaier, Robt., 957 Madison av
Schmitz & Eulenstein, 1960 Anthony av
†Schnell, Chas., 121 Edgecombe av
Scholz, John, 11 Stanton
Schorer, F. A., 153 W 18th
Schorr, Henry, Boston rd & Longfellow
Schorn, Edw., 1545 Av A
Schott, Henry, 207 E 20th
Schukraft, Charles T., 168 Eldridge
Schuyler, Martin V. B., 2712 Decatur av
Schuyler, Oscar E., 193d nr Webster av
Schuyler, Philip, 69 1-2 Watts
Scollan, Jas. S., 509 W 59th
Scott, John H., 63 Prince
Scott, Thos., Morris pk av, Van Nest
Scowcroft, Edward T., 2509 Bway
Scrafford, Fred'k A., 315 W Bway
Sebover, David, 620 6th av
Seeger, Chas. A., 506 6th av
Seitz, F. A. & F. J., 143 W 125th
Selleck, Geo. H. & Co., 66 W 132d
Seidewitz, Ferdinand, 132 W Bway
Sexsmith & Hauser, 1 Madison av
Seymour, Wm. F., 44 Ann
Shanly & Ryan, 21 Park row
Sharpe, Elmer G., 301 W 128th
†Sheehan, Jno. R. & Co. (Inc.), 160 5th av
Sheehan, John C. & Co., 253 Bway
Sheil, Robert F., Williamsbridge
†Sheridan, B. & Sons, 317 E 75th
Sherwood, Wm. M., 156 E 25th
Shields, John, 1 Madison av
Siegel, Chas. M., 309 Bway
Siegel, David, 79 Spring
Signell, John V., 256 W 116th
Sillinski, Andrew, 598 St Ann's av
Silman & Whittle, 114 University pl
Simken, Geo. B., 37 Vandewater
Silverman, C. M. & Co., 1442 Madison av
Sinclair Bros., 796 7th av
†Singhi, Henry U., Jerome av nr E 184th
Sittig, Edmond, 921 Tinton av
†Slade, Wm. G., 317 Bway
Slagle, Geo. W., 1831 Park av
†Slater, Thos., Commonwealth av, Van Nest
†Slattery, John, 368 Park av
†Sloane & Moller, 331 E 64th
Smellie & Loudon, 2856 8th av
Smith, Charles, 102 Maiden lane
†Smith, Elward & Co., 116 W 39th
†Smith, Havilah M. & Son, 34 Watts
†Smith, Paul W., 130 Bway
†Smith, Samuel W. B., E 138th & Mott av
†Smith, Theophilus G. & Co., 29 Bway
Smith, Augustus, 39 Cortlandt
Smith, Edw. & Co., 43 Ann
Smith, Ed. Construction Co., 215 W 125th
Smith, Francis H., 16 Exch pl
Smith, Harry W., 66 Bway
Smith & Brinckerhoff, 322 W 106th
Smith & Robinson, 17 State
Smyth, Samuel, 405 E 61st
Snare & Triest Co., 39 Cortlandt
Sodergren, Eric, 159 St Nicholas av
Solis, William C., 329 W 13th
†Sollitt, R. & S. Co., 786 1st av
Solomon, Jacob, 126 Av C
Spader, Charles, 35 Jane
Spangenberg, Charles, 210 E 59th
Spearin & Preston, 17 Battery pl
Spearing Bros., 136 W 30th
Speer, Henry, Jr., 253 Bway
Spence, John, 131 E 18th
Spence, John & Co., 215 W 125th
Spencer Realty Co., 35 Nassau
Spota Bros., 52 Spring
Spratt, Jas. K., 293 Bway
†Springsted & Adamson, 424 E 107th
Squier, Albert C., 60 Bway
Squier, J. Bentley, 60 Bway
Staats, William, 225 E 58th
Stadtmauer, Elias, 117 Norfolk
Staiger, Chas., 224 E 9th
Stair, Chas. A., 81 Barclay
Stange Bros., 85 Lenox av
Stanley, Walter, 346 E 76th
Stapleton, William, 6th st, Unionport
Steel, Alex., 56 Grove
Steele, Adam, 228 W 10th
†Stevens, Jno. W. Building Co., 156 5th av
Stern, Abraham, 93 Goerck
†Stevens, John W., 886 Tinton av
†Stewart & Abbott Co. (Ltd.), 32 Bway
Stewart & Pyper, 217 W 124th
Stoler, Abraham, 91 Hester
†Stoddard & Hughes, 246 W 29th
Storms, John J., 82 W 90th
†Story & Flickinger, 52 Bond
Stringer, James, 1962 Bway
Stubbs, William S., 95 Crosby
Studley, James H., 210 W 35th
Stueck, Dederick, 932 8th av
Sturm, Andrew, 906 2d av
†Sullivan, Patrick, 389 Broome
Sutherland & McNeill, 265 Greene
†Swallow, W. Shelton, 135 Bway
Swanson, John, 144 Varick
Swoboda & Martin, 865 Courtland av
Tabachink, L. & Co., 73 Division
Talty Bros., 499 W 145th
Tape Bros., 203 E 58th
Tauber & Klafter, 177 Broome
†Taussig, Gustave F., 489 5th av
Tennant, John H., 4 7th av
Tether, Russell W., 150 E 23d
Theurer, Charles, 174 E 74th
†Thompson-Starrett Co., 51 Wall
Thompson & Potter, 132 W 16th
Thompson, Walter E., 1123 Bway
Thorburn, Donald, 177 E 123d
Thorn, Francis H., Mosholu av nr Riverdale av
†Tide Water Bldg. Co. (Large), 25 W 26th
†Toelberg Construction Co., 1438 Boston rd
†Tolmie & Kerr (Large), 205 W 30th
Tompkins, George W., Poe pl nr Coles la
Townsend, James, 200 W 129th
Traynor, Frank, 217 7th av
Trapp, Nicholas H., 103 Greenwich
†True, Herbert H., 729 6th av
†Tucker, Jno. J. & Sons, 156 5th av
†Turner, Ernest M., 1123 Bway
†Turton, Jno. K., 1133 Bway
Tyrrell, Daniel, 229 Mercer
†UDall, Jno. Clark, 1 Union sq W
Uffeln, William, 328 E 21st
Umberfield, John C., 266 Columbus av
†Ungrich, L. K. & L., 475 W 144th
Vail, Benj. H., 58 West
Van Doorn, Wallace & Son, 229 W 36th
Van Dusen, William H., E 239th nr Keppler av
Van Gieson, Richard L., 827 Amsterdam av
†Van Houten, Erskine, 1181 3d av
Van Hove, G., 53 Rose
†Vassar's, Geo. Son & Co., 111 5th av
Vickers & Morris, 150 Nassau
†Villaume, Hy., 1123 Bway
Vlask & Schlass, 750 Columbus av
†Vought, Henry H. & Co. (Large), 112 W 42d
†Vreeland, J. C. Building Co., 1133 Bway
†Wahlig & Sonsin Co. (Inc.), 1353 Boston rd
†Waite, Guy B. Co., 409 E 31st
†Wakeham & Miller, 1133 Bway
Waldman, Nathan, 162 Att'y
Walker, Jas. E., 120 E 59th
Walker, William, 158 6th av
†Wallace, J. G. Co., 1123 Bway
†Wallace, William, 202 W 18th
Waller, William B., 212 E 9th
†Walsh, Patrick J. (Large), 503 5th av
†Walsh, Richard L. Co., 11 Liberty
Ward, R. R., 1633 Park av
Warn, Charles, 106 E 28th
†Watkins Bros. Co., 537 W 149th
Watt & Sinclair, 245 W 28th
Watts, William, 38 W 13th
†Weber, John & Sons, 12 E 23d
Weber, Louis Building Co., 427 E 61st
Webster, Frank E., 451 Columbus av
Webster, Jared P., 203 Columbus av
†Webster, Lewis C., 59 William
Webster, Walter J., 40 W 62d
†Wechsler, Louis, 1133 Bway
†Weed, H. M. & Co., 124 W 45th
†Weeks, Herbert A. Co., 127 W 40th
Weinrich, Alex., 908 2d av
†Weiting, J., 219 3d av
†Wells Bros. Co., 160 5th av
Wells, Harry W., 227 Mercer
Wendt, Chas., 122 William
Werner, Wm., 894 Forest av
†Westervelt & McIntyre, 290 W 11th
Wey, Jno., 304 E 32d
Whiffin, Wm. R., 1544 Park av
Whisten's, Wm. Son, 857 6th av
†White, Geo. W., 34 Stone
White, John J., 2214 Bway
†Whitenack, J. Odell, 99 Vandam
Wieting, Jno., 219 3d av
†Wight-Easton Construction Co., 160 5th av
Wilhelm, Nicholas, Fulton st, Wakefield
Wilkens, Henry H., 207 E 51st
Williams, Jas. C., 241 W 125th
Williamson, Sidney, 92 E 224th, Williamsbridge
†Wills, Chas. T. (Large), 156 5th av
†Wilson, Jas. T., 149 W 28th
Wilson, John B., 11 E 10th
Winne, Andrew A., 801 6th av
†Winterhouse & Drumm, 7 Bway al
Wintersdorf, John, 602 E 11th
†Wiswell & Polley, 771 E 165th
Wolfer, Stephen J. & Son, 761 2d av
†Wood, Henry S., 120 Bway
Woodruff, A. B. & Co., 192 Lewis
Woolley, Daniel C., 27 Perry
†Wright, W. H. & Son (Large), 2803 3d av
Wright & Brown, 304 W 25th
Young, Geo. T., 206 W 51st
ZIMMERMANN, JACOB A. (Large), 1358 B'way. (See adv. index, end of book)

Borough of Queens.

AQUEDUCT—(See Woodhaven.)
ARVERNE—Stults, Geo. F., Vernam av
Stult, Geo. F., Verman av
BAY SIDE—Duel, Louis, Warburton av
Haak, Herman, Park av
Hamill, Geo. J., 3d st
Johnston, Jno. J., Bell av
Van Riper, A. M., P. O. Box 47
CHESTER PARK—(See Woodhaven.)
COLLEGE POINT—Becker Bros. & Sons, High nr 15th
†Brick, Jno., 7th av n 15th
Burghoff, Wm., 88 15th
Eisenacht, Peter, 17th n 3d av
Frommelt, Louis, 10th n 3d av
Muller, Herman, 13th n 7th av
Rau, Jno. F., 86 13th
Roszel Bros., 5th av n 11th
Wagner, Wm. J., 33 13th

CORONA—Boch, Henry, Sycamore av cor Oak
Buckle, Gottlieb, Newins st
Buggelen, Harry, Grand av
Busch, Jos. C., R. R. av n Central av
De Jough, Jacob S. J., Junc. av n Prometcha
Doyle, Miles, Prometcha av n Nat'l av
Hackermann, Wm., Vine c Grand av
Halbsgut, August, Myrtle av
†Jayne, Jno. F.
Jensen, Raymond, Home st
Johnson, Jno. P., Forrest n Junc. av
Johnson & Berntson, Grove n Junc. av
Lawrence, Wm. D., Locust st
Livingston, Alex., Buena Vista
McKerty, Jno B., Park n Central av
Mazzei, Francesco, Moore st
Terhune, Chas. E., Corona av
Thulin, August, R. R. av n Mulberry av
Varrone, Michael A., Corona av
Zittel, Fred'k B., Jackson av
DOUGLASTON—Hamilton, Wm. J., Pine st
DUNTON—English, Michael J., Hulst av
Grimes, Benj. F., Jr., Chichester av
Morrell, Wm. N., 32 Bway
ELMHURST—†Card, W. C.
Coors, Albert, Hoffman boul
Cowdry, Chas. H., Ludlow av n 6th
Duryea, Wm. H., 4th nr Traines Meadow rd
Goeb, Edw., Grove nr Junc av
Hobbs, Geo., Hoffman boul
Manwaring, Jos., Cook av
Remsen, Elmer E., Hoffman boul nr Trotting Course la
Ries, Henry, Bway
†Surbeck, Eibe F., Hoffman boul
EVERGREEN—Beinhauer, Henry, North st
Boesch, Andrew, 199 Cooper av
Denig, Chas., Bleecker nr Covert av
Dieckhoff, Henry, 1876 Myrtle av
Gamper, Jacob, 179 Norman
†Hafner, Wm., Ralph st
Heinel, Robt., Classer nr Harman av
Kossmann, Jacob, St. John's pl
Kress, Jno., Vermont av
Michel, Jno., Linden st
Muller, Henry, Bergen av
†Roeber, Herman, St. Nicholas av
Roeder, Fred'k, Norman st
Schaub, Jno., Cooper av
†Schildknecht, Jos., Wyckoff av
†Sherman, Robt. B., Cypress av
Tredob, H. F., Summerfield
Wolsiefer, Adam, Linden st
FAR ROCKAWAY—Burkander, Wm., Clarke av
Carman, Richard H., Sheridan boul nr Mott av
Fulcher, Chas. A., Grove nr Cornago av
Johnson, Epenetus S., Lealand av
Kaiser, Geo., Remsen av
O'Rourke, Ralph, Grove nr Mott av
Riordon, Cornelius, Oak pl cor Mott av
FLUSHING—Boyle, Jas., 78 W Amity
Brush, Chas. E., 150 Ash
Cain, Hanse, 22 Central av
Carlson, Chas. G., 137 Smart av
†Combs, Lewis V., 286 State
Dayton, Jno. & Co., Bway cor 14th
Dobson, Jno. W., 234 Amity
Falkinburg, Jno. N., 592 Sanford av
Fowler, Jos. B., 151 Washington
Haak, Wm. A., 318 Barclay
Harvey, Andrew, 79 Bway
Hilbers, Henry N., 19 Sullivan
Howell, Lemuel, 170 Amity
Kennedy, Martin J., 37 Madison av
†Lake, Emmet J., 263 Jam av
Plessis, A. G., 323 Boune av
Raab, Jos., 147 Farrington
†Reed, Josiah W., Franconia av
†Richardson, Edw., 43 Percy
†Roberts, E. J., 330 Amity
Ryan, Wm. C., 35 Madison av
†Simmons, Jno. J., 271 Lincoln
Smith, Jos. L., 37 Leavitt av
Stapleton, Edw., 36 Juniper
Sutherland, Jas., 142 Forest av
†Terrell, Marcus L., 46 Pine
Turner, Jno., 108 Forest av
Valentine, Jno. B., 52 Union
Van Dewater, Silas T., 62 Barclay
Wagner, Geo. H., 2 Taylor av
Webb, Aaron, 145 Colden av
FOSTER'S MEADOW—Chivers, Edw., Ocean av
Hendrickson, Samuel D., Rosedale av
Hubner, Jos., Grand av
GLENDALE—†Evans, Robt., Tomp av
Thomsen, Fred'k, Webster av
Wagner, Frank, Myrtle av
HOLLIS—Sprague, Frank, Farmers av
JAMAICA—Ballard, Jno. S., Lincoln av
Bangert, Valentine, 34 Orchard
Barnes & Howell, New York av
Bedell, Valentine, 18 Canal
†Bruckner, Jno., Prospect st
†Carmen, Fred'k E., 101 Herriman av
Carman, Harry B., 26 Grand
Deremer, Wm., Locust av
Fitzgerald, Jno., 64 Chichester av
Glaser, Henry, Grand cor Shelton av
Hoffman, Chas., Bay nr Grove
Kassner, Wm. A., Hillside av nr Bay
Madock, Alfred, 12 Blanco pl
†Mazzei, Dominick, Phraner av
Meinikheim, C. Andrew, 18 N Y av
Miller, Jno. D., Dean st
Mulligan, Jas., 8 Abbott
Post, Silas B., 502 Fulton
†Reh, Jno. J., 610 Fulton
Seaman, Jno. R., 66 Bway
Siebert, Martin, 53 Grand
Skidmore, Jas. R., 178 Shelton av
Smith, Jno. W., 18 N Y av
Spaulding, Geo. B., 17 N 1st
†Smith, Lawrence E., 590 Fulton
Strenk, Jos. T., 60 Cath
Tristram, Robt. E., South st
Wright, Jno. R., 23 Canal
Youngs, Wm., 334 Fulton
LAUREL HILL—Reid, Wm., Washn av
LITTLE NECK—Black, Malcolm A.
Cornell, Geo., Bway
Stewart, Jno., Bway
LONG ISLAND CITY—Andrews, Geo., 91 4th
Appleton, Albert C. M., 691 Vernon av
Askey, Jno. H., 229 Newtown av
†Austin, Jas. V., 500 2d av
Batterman, Randolph R., 363 Lockwood
†Bertolini, Antonio, 256 Hoyt av
†Bostwick, Thaddeus, 603 Bway
Butler, H., 139 Newtown av
Brown, Thos. A., 699 Crescent
Carabine, Arthur, 364 Jackson av
Cole, Wm. A., 112 Wilbur av
†Couch, Wm., Main cor Woolsey
Cyriax, Fred'k, 45 Academy
Dorn, Geo., Thomson av
Einhardt, Edward, 41 5th av
Fastenau, Henry, 613 Hamilton
Fickinger, Henry, Jr., 904 Crescent
Fiedler, Fred'k, 222 15th av
†Fischer, Geo., 408 12th av
Fitzpatrick, Jno. J., 640 2d av
Fleiger, Geo., 252 Academy
Foote, Henry S., 285 Jamaica av
Geiser, Jos., 835 Albert
†Genovese, Jos., 224 Hoyt av
Gramling, Chas., 32 Grand av
Gramling Bros., 460 B'way
Gross, Ernse, 184 Chestnut
Hemlein, Valentine, 487 Grand av
Hoper, Wm., 516 2d av
Keller, Jos., 201 Camelia
Kellinghausen, Jno., 248 9th
Koch, Wm., 805 Steinway av
Kolb, Jno., 61 Crescent
Lehr, Henry, 210 Prospect
†Leininger, P. A., 725 Debevoise av
†Loud, F. F., Fulton av
McKenna, John, Hallets' pt
†Moore, Michael, 248 Harris av
Muether, Wm., 15 Prospect
Murnane, James, 272 Crescent
Nagel, Claus, 251 8th av
Nagel, Henry, 251 8th av
Nowinski, John, 179 Hunter av
Paaren, Sander, 183 9th av
Peterson, Charles, 540 B'way
Pfenninger, Albert, 132 Camelia
Phillips, Peter N., 238 Mott av
†Quinn, H. F., & Sons, 32 Hunter's pt av
Reidy, Jno., 803 Ely av
Reuhl, John, 568 Vernon av
†Schmidt, Otto, 388 Moore
Seidel, Geo., 487 B'way
Smith, John, 491 Radde
Smith, Wm., 116 Academy
†Terry, J. Rufus, 357 Webster av
†Thomas, Hugh M., 91 4th
Thompson, Fred'k, 317 Albert
Tiedemann, Adolph, 77 7th
Tollmer, Chas, 223 B'way
Tracy, Conrad, 321 Albert
Vanderwall, August, 818 Ely av
†Van Riper, F. G. & G. T., 24 Jackson av
†Vill, John, 246 Chestnut
Walsh, Thos., 14 Newtown av
Willemann, Geo., 391 Jackson av
Woesthoff, Jno, 138 4th
†Woodruff, C. Curtis, & Co., 213 10th
†Westhoff, John T. (Est. of), 69 3d
MASPETH—Engel, Gustave, Columbia av
Hopp, Frederick C., Fisk av
Losee, Charles, Fisk av
Losee, Frank E., Fisk av
Schell, Joseph F., Hempstead rd
Stines, James H., Masp av
METROPOLITAN—Ballweck, Jno., & Son, Harman st
Depp, Jno. H., Martin n William
Hildebrand, George, Covert av
Hubbs, Chas, Atlantic av
Kessler, Louis, Onderdonk av
Kraus, Jacob, 72 Zeidler av
Kuolt, Leopold, Fresh Pond rd
†Metz, Adam, Greene av
Muller, John, Forest av
Reinhard, John Zeidler av
Schott, John, Flushing av
Soeldner, Jno., Gates av
Spitzer, George, 676 Harman
Werner, Edwd., Onderdonk av
MIDDLE VILLAGE—Asch, August, Met av
Ehman, Chas., Met. av
Hendel, Andrew, Morton av
Hoerning, Geo. J., Furman av
Terwilliger, Theo, Furman av
OCEANUS—Baldwin, Frank, Fairview av n Boul
Craw, F. W., Pleasant av
Cummins, Jas., Wainwright av n Wash'n av
Jones, Hugh, Conway n Boul
Mott, Jno., Brandreth av
Oulton, Sampson B., Waverly av n Surf av
Priestley, Thos., Boul opp Centre
†Schoncke Bros. (Large), Lincoln av c R R av
Schuster, Edw. C., Boul
Smith, Jno. W., Boul
Smith, Wm., Division av
Truebenback & Melahn, Boul
Ward, Joshua, Kneer av nr Boul
Weist, John J., Pleasant av n Boul
OZONE PARK—Colyer, Jno. M., Welcome pl
Hitchcock, Ethan A., Liberty av
Jacobson, Alfred, B'way
Sheppard, Jno., G., Van Wicklen pl
Stoothoff, Stephen W., Oakley av
QUEENS—Finn, Alphouse, Springfield rd
Morgenthaler, Marx, Hempstead rd
RICHMOND HILL—Brand, Edwin V., Garfield av
Brush, Gustave, Curtis av
Bulmer, Wm. H., Welling st
Clapp, Henry B., Jamaica av
Clark, Thos., Union pl
†Cullingford, Howard J., Chestnut st
†Dunning, E., & Co., Jamaica av
Hartmann, Benj., Ward st
†Jeffrey, Henry T., Beaufort st
Johnson, Gustave, Elm st
Koford, Jas. N., 3301 Jamaica av
Ludemann, Henry, Chestnut st
Lundgren, Carl, Jamaica av
Mitchell, Ardon, Lefferts av
Riis, Andw. J., R R av
Snowdon, Chas. B., 275 Johnson
†Solms, Chas, Jamaica av
Stage, Daniel, Lefferts av
Van Horn, Walter C., Cedar av
†Vetter, C. Ernst, Hillside av
†Wade, Wm. H., Briggs av
†White, Jas., Jamaica av
White, Jas. A., Spruce st
ST. ALBAN'S—Green, Jas. W., Farmers' av
SPRINGFIELD—Decker, Wm. N., 5th av
Foster, J. White, Lincoln av
Griffin, Howard B., Wash'n av
WEST ARVERNE—†Schoncke, Bros.
WHITESTONE—Barto, Chas., 18th nr 7th av
Dare, Stockwell, 7th av n 24th
Denley, Thomas B., 6th av c 20th
Grotz, Jacob, 21st n 11th av
Hansen, Jens P., 18th st
Hiem, Nicholas, 9th st
Hipple, Geo., 12th av
Kelly, Edwd., 11th av n Flushing rd
Leicht, Alvin F., 4th av
†Leut, Geo. W., 4th av
Payne, Jeremiah F., 7th av c 16th
Rapelyea, Martin, 21st n 8th av
Rose, Wm. H., 163 7th av
WINFIELD JUNCTION—Keyser, Chas. H., Prospect st
Keyser, Jacob, Fisk av
Randell, Geo. C., Colnmbia av
WOODHAVEN—Bennett, Wm. A., 139 6th
Blydenburgh, Geo. B., Grant av., Chester Park
Brower, Alex., 2d n Shore av
Brust, Jno., Jamaica av
Bushfield, Thos. H., Centre av
Debard, Alfred, Grafton av n Canal
Dubost, Guillaume, 102 6th
Freimuth, Fredk., Water n R'kway rd
†Jones, Elisha N., Hopkinton av n B'way
Droesch, Frank, Woodhaven av n Ferris
Eichholtz, Gottlieb, Thrall pl n B'way
Jaeger, Louis, 170 Shaw av
Larson, August P., 73 Johnson av
Le Page, Joseph, Water n Park pl
Mills, Oliver C., Centre av
Ogden, Samuel T., 154 2d
Randall, O. A., 4 Court Sq
†Singer, Chas., Woodhaven av
Smith, Elisha, Old South rd
Solly, Jno., Grant av

Velson, Oscar W., Woodhaven av
Wells, Wm. H., Grant av
Wick & Hubley, Benedict av
Yaeger, Fred'k, Cedar la
WOODSIDE—Dobbert, Henry, 5th st
Jolly, Philip, Anderson av
Kelly, Jno. P., Percy st
Lyons, John, Percy st
Mansfield, Walter, 5th st
Young, Howard, Thomson av

Borough of Richmond.

CASTLETON CORNERS—Burbank, Jno. W., Josephine
Stocking, H. M., Houseman av
Vroom, E. M., Manor rd
Vroom, R. B., Todt Hill rd
DONGAN HILLS—Dennis, Fred'k C., Liberty av, Garretson
Schultz, Chas., Sea view av, Garretson
Vreeland, Jas., Rich rd, Garretson
GT. KILLS—Brown, Norman, Giffords la
Gibson, Wm. T.
McDowell, David F. S., Shore boul
HUGUENOT PARK—Androvette, Wm. H.
Miller, Geo. W., Huguenot av
Winant, Stephen B. Jr., B'way
GREEN RIDGE—Nichols, Wm., Shore rd
LINOLEUMVILLE—Breitung, Bernard, Chelsea av, Chelsea
Decker, Jno. H., Lex. av
MARINER HARBOR—†Burke, Jno. C., Washington av
Bush. Jas. C., 77 Van Pelt av
Conklin. Clarence C., 77 Van Pelt av
Ellis, Abram, 14 Union av
Martineau, W., 108 Summerfield av
Merrell, Jno. D., 31 Simonson av
NEW BRIGHTON—†Cahaline, Dan'l J., 23 4th av
†Lyon, Robt., 96 York av
McIntyre, Archibald, 1st st
McNamara, Jas. T., 2d st
Norman & Young, 22 Clinton av
Peterson, Benj., Jay st, St. George
†Russell, Wm. H. C., 2d st
Spencer, Jas. J., Bismarck av
†Sullivan, Jas. S., 187 Jersey
†Sullivan Jas. D., 31 Tyson
†True. Chas. F., 340 Rich ter
NEW DORP—Burke, Thos., Egbert av
Coleman, James S., Beach av
Edwards, Wm. A., & Sons, 1st st
riffin, Chas., Grant City
Howard, Fred'k, Grant City
Keller, David C., 4th st
Kirchhoff, Adam, Prospect pl
La Cornic, A., Grant City
NEW SPRINGVILLE—Decker, Willard D., Rich turnpike
Ellis, Wm., Rich Hill rd
Penet, Gustave, Thompson st, Grant City
PORT RICHMOND—†Hagaman, Andrew, 6 Blackford av
Kelley, Edw. C., Rich av, Graniteville
†Larson, Tonnes C., 66 John
Muddell, E. H., Decker av
Palin, Jones, Sherman st
Parker, Selden P., 9 Post av
Simonson, Geo. A., Willowbrook rd, Graniteville
Skerritt, Francis H., Granitville
Thompson, Sam'l L., 54 Bond
Wells, Albert W., 48 Sharp av
Whitford, Edgar K., 18 Grace Church pl
PRINCEBAY—Peterson, Emil
RICHMOND—Siemer, Herman, Center st
ROSEBANK—Balding, R. A., Ft. Wadsworth
Barrenger, Chas., Garretson
Guastavino, Thos., Fletcher st
Kassebaum, Jos., 54 St. John's av
Langere, Raphael, Chestnut av, Clifton
O'Connor, Thos., 171 N Y av
Thompson, Andrew, Bay View av
Woodland, John W., Egert pl
Holck, Cornelius F., Lyman av, Ft Wadsworth
ROSSVILLE—Ayres, Geo., Shore rd
Ellis, Chas. C., Huguenot av, H
Kelley, Dennis, 182 N Y av
Kelsey, Abram R., W'drow rd, Woodrow
Vanschoike, Geo., Wash'n st
SEA SIDE—Johnson, Eusebia
Winant, David L., Armadale
STAPLETON—Barrett, Albert J., 36 Rich rd
†Beinert, Chas., 123 Rich rd
Cummings, Thos., Jr., 10 Metcalf
Downey, Andrew, 39 Harrison
Downey, Jos., Parkinson av, Grasmere
Fleschner, Jos., Pine pl
Hanley, Wm., 132 Hillside av
Kennedy, Jno. J., 10 Laurel av
†Kennedy, Wm., 142 Vand'bt av
†McDowell, John, 17 Broad
Martin, Thos. J., 232 Rich rd
Moneghan Bros., Rhine av, Concord
Nichols, Alfred, 148 Bay
Oliver, Jos., 164 Rich rd
Otto, Henry, 3 Laurel
Schuler, Markus, 135 Targee
Spruck, Henry, & Son, 181 Broad & 100 Targee
Ueberwasser Bros., 65 Targee
†Wolff, Philip, & Son, 14 Wright
Woodland, Jas. R., 25 Osgood av
TOMPKINSVILLE—Andrews, Wm., 43 Griffin
Burbanck, Wm. D., 65 St Paul's av
Kiernan, Bernard V., 56 Rich turnpike
Shay, Chas. T., 23 Castleton av
Strohm, Henry, 45 Montg'y av
TOTTENVILLE—Abrams, Andrew, 338 Amboy av
Daggett, Wm. H., Amboy rd, Rich Valley
Depew, Jas. H., Amboy rd, Rich Valley
Disosway, Gabriel, Riverside av, Rich Valley
Joline, Wm. E., Amboy av
Lee, Robt., 285 Amboy av
Wood, Jacobson W., Amboy rd
WEST NEW BRIGHTON—Cruser, Elmer E., Davis av
†Corson, David T., 35 Bodine
Decker, John P., 13 Dougan
†Deppe, Fred'k, Jr., 10 Greenleaf av
†Deroche, Julius, Manor rd
†Drinnan, Wm. A., 54 Castleton av
†Filmer, Drew, Greenleaf av
Francis, James S., 8 Greenleaf av
Ganaway, Jno. H., 5 Water
Grimshaw, Wm., 31 State
Hargreave, John, 27 Post av
†Haughwout, David E., 154 Jewett av
†Higgins, Calvin, 10 Marion
Houseman, Ernest, 179 Bway
†Housman, Isaac, 107 Columbia
Lynch, Michael M. B., 10 Caroline
Lynch, Wm. H., 14 Caroline
†Lyons, Robt., 96 York av
†Meserceau, Edward, 5 Post av
Ransom, Dillon B., Columbia st
Wheeler, Jas., 49 Berger av
Whitford Bros., 18 Grace Church pl

(END OF NEW YORK CITY.)

NEW PALTZ—†Kaiser, J. T. & Son
Lefevre, A. P.
Stein, Jesse, Jr.
NEW SPRINGVILLE—(See New York City, Borough of Richmond)
NIAGARA FALLS—Allen, Fredk. J., Walnut av c 2d
Blows & Co., 329 5th
Booth, Walter, 809 Elmwood av
Borter, Chas. M., 601 Ferry av
†Brass Bros. Co., 1110 Whitney av
Crowie, W. H. & Sons, Pierce av n 18th
Field, John, 329 Main
†Finnell, John H., 450 Elmwood av
Haeberle, Charlotte Mrs., 1004 Cedar av
Hareman, Fredk., 1317 Michigan av
Horst, George A., 1316 Linwood av
Hotchkiss, F. P., 329 5th
Hughes, H. L., 1631 Cleveland av
Kilberer, Fredk, 1013 Niagara av
†Lennon, Jno. Son & Co.
†Long, Geo. B.
Mason, Henry J., 346 Prospect
Noblett, Jno. E., 1014 Cleveland av
Phillips, David, 253 3d
Reese, Jacob W., 1911 Lockport av
Schumacher & Moyer, 742 8th
Snyder & Gillett, 1109 Ontario av
†Steinbrenner, Carl, 1339 Cleveland av
Stivers, David, 11th n E RR
Turver, Chas. H., 957 North av
Wentworth & Taylor, 24th c Gerald av
NORTH CHATHAM—Johnson, Lewis L.
Ring, Abram L.
NORTHPORT—Baldwin, John
†Bishop, A. H.
Burt, Willis B.
De Vean, John D.
Robbins, B. T.
†Ruland, D. S. B.
†Sammis, Chas. T. (large)
NORTH TONAWANDA—Allan, Wm.
†Jacobs, Calvin
Thompson, Hubman & Fisher (large)
NORWICH—†Boswirth, I.
†Cook, W. H.
†Hall, S. H.
†King, Frank W.
NYACK—†De Baun, M. W. & H.
†Gates & Garrabrant
†McElroy, Charles
†Post, John H.
OCEANUS—(See New York City, Borough of Queens)
OGDENSBURG—Earl, John, 20 William
†Fitzgibbons, Jas., 117 Elizabeth
†Flora, P., 4 Pottery la
Flora, Thos., 122 State
†Green, Landon A., 7 East River
†Hannan, John N.
†McGinnis, Michael, 157 State
†Paquett, A., 144 New York av
Pinard, Louis A., 18 S Water
†Proctor Mfg. Co., East River, W S
†Reid, Jos. B., 42 Jay
†Whalen, Thomas, 61 New York av
Wilson, David J., 72 Knox
†Wright & Clarkson, 39 Ford av
OLEAN—Anderson, S. A.
Bussler, A. C.
Gillingham & Son
Miller & Sheldon
ONEIDA—†Avery, G. F., 111 Elizabeth
†Johnson, L. H.
†Lou, Walter
†Quackenbush, C.
†Tillottson, W. J.
Williams, Wm. R., 62 Lenox av
ONEONTA—†Briggs & Miller.
†Hecix, D. L.
†Packer, J. W.
†Woodin, W. H.
ORIENT—Havens, C. B.
Young, J. H.
OSSINING—Cuatt's, Jno. Sons, Prospect pl
Mitchell, Chas., 152 Main
Murray, Anthony B., 3 Leonard
Powers, Wm. O., Belleview av, W H
†Smith, Gilbert H., 37 Dale av
Smith, John, 156 Croton av
OSWEGO—†Allen, Wm. D., ft Market
†Baltes, Frank J., 51 E Cayuga
Bell, Alfred T., 108 W Seneca
Bragdon, Danforth, 5th av, Hillside Park
†Cochrane, James K., 20 Lavery's la
†Coy, Edward, 108 N Seneca
Coy, James W., 119 E 9th
Coy, Thomas & Son, 113 W Cayuga
Crowley, Wm., 308 W 1st
Cunningham, Thomas, 325 W 5th
†Curtis, Justin, 121 E Bridge
Cuyle, Nathan J., 51 E 10th
Dalton, Jas. W., 327 W 5th
Foley, Hy. R., 173 W 8th
†Harding, Jas. C., 50 W Bridge
†Henrick, John, 52 W 2d
†Hines, Hampton, 54 E Mohawk
Hommer, Hy. G., 65 E 1st
Imlay, Alex F., 144 E 3d
Keeney, Albert, 86 E 6th
†King, John L., 175 E 5th
†McLaughlin, Anthony, 60 Mitchell
Otis, J. Edw., 165 W 5th
†Paine, A. & Sons, 142 W 2d
Preston & Williams, W 3d, N Bridge
†Pringle, James N., 96 W 2d
Raley, Peter, 23 W Cayuga
†Ratigan, James F., 227 E 7th
Rogers, Charles D., 102 W 2d
†Seebers, Henry W., 77 E 1st
Seebers, Julius A., 180 E 2d
†Smith, Augustus H., 140 W Seneca
Smith, John, 64 E 5th
Smith, Thomas A., 156 E Oneida
†Turner, Edwin P., 213 W 4th
†Wiley, Obadiah L., 136 E 1st
†Williams, Arteas P., 45 E Seneca
OWEGO—†Bower, M. L.
†Ford Bros. (large)
†Greene, R. D.
OYSTER BAY—†Clarke, J. W.
Duryea, George H.
Henderson, R. J.
Hendrickson, Oliver
†Lundy, William
Rhodes, Jesse
OZONE PARK—(See New York City, Borough of Queens)
PALMYRA—†Williams, G. C.
PATCHOGUE—Bailey, Edwin & Son
Conklin Bros.
Gould, Charles E.
Overton, Horace.
Ryder, Syms
†Silsbe, Richard
Tenell, E. G.
PATTENS MILLS—†Taylor, James B.
PATTERSON—†Mead, Alex.
†Newcomb, A. L.
PEEKSKILL—†Barker, Arsbury
†Brotherton, Wm.
†Chase, Charles H.
†Hopkins, Requat & Hopkins
Lindenau, Paul
McGovern, Jno.
Price, C. E.
Storey, Willard B.

Thompson & Baxter
†Washburn Bros.
Wright, James R.
PENN YAN—†Waddell, Geo. W.
Willoughby, Hy.
PERU—Mason, A. & Sons
PHELPS—†Caves, Joel
Edison Bros.
PHILADELPHIA—Indian River Chair Co.
PHILMONT—Horton, J. W.
PHOENICIA—Voss, T. A.
PIKE—Gardner, O. F.
†Ward, J. H.
PINE BUSH—Shafer, John F.
PITTSFORD—Spellman, Charles K.
PITTSTON—†Kautz, Theo.
PLATTSBURG—†Buckley, Jno. C., 8 S Catharine
Cross, Napoleon, 6 Margaret
Fitzgerald, Wm. H., 30 River
†Lynch, James R., 31 S Catharine
†McQuillan, Arthur, Battery st
†Merrihew & Adams, 118 Oak
Ritchie, Zephy, 53 S River
†Rogers, Halsey H., 201 Morgan
Shutts, S. A., 40 Sailby av
†Tracy, Chas., 46 Sailby av
PLEASANTVILLE—Brundage, R.
Washburn, Hy. E.
POCANTICO HILLS—Foster, F. C.
Turner, W. J.
PORT CHESTER—†Alves, Conrad
†Church, Edwin
†Gleason, George
Hubbard, N. B.
†Lewis, Henry A.
†Mertz's, Geo. Sons
†Ramsey & McCann
Rudd, Oliver J.
†Sherwood, G. W.
Stanley, M. C.
Townsend, D. P.
Wilson, Jared L.
Wetmore, Wm. S.
PORT HENRY—Sumner, F. M.
†Wallace, George W.
PORT JEFFERSON—Loper Bros.
Smith, J. W.
PORT JERVIS—Durant, B. T., Matamoras
Gobble, F. S., 45 Jersey av
Murrian, Patk., Franklin
†Post, G. A., 70 Hudson
Quick, A. J., 15 Mary
†Wilkins, Wm. F., 6 Buckley's ct
PORT RICHMOND—(See New York City, Borough of Richmond)
PORT WASHINGTON—Carpenter, Eugene
Hendrickson, Edwin
Hults, Wm. H.
Whitmore, Jacob
POTSDAM—Moore, D. A. & W. A.
POUGHKEEPSIE—†Burgess, James D., 289 Church
†Cannon, C. L., 5 N Hamilton
†Davis & Shover
†East, James E., 142 Pine
Heideman, Wm., 131 Church
Keating, Thos., 15 Charles
Kimlin, James, 236 Mill
Madsen, Fred, 1 Grove
Manning, I. G., 84 Winnikee av
†Montfort, Washington J., 276 Church
Pollock, E. Price, 56 Montgomery
Ridgeway, S. B., 385 Church
Rust, Wm. H., & Son, 363 Mill
Seaman, Hy. H., Winnikee av & Smith
Smith, Jas. W., 365 Main
Smith, Jas. W., 424 Main
†Titus, Willet, 59 Catherine
PRINCE BAY—(See New York City, Borough of Richmond)
QUOGUE—†Camerden, Wm. H.
RENSSELAER—Dahm, Geo. B.
Van Allen, Geo.
RHINEBECK—†Ackert & Brown, 45 E Market
Decker, R. A.
RICHMOND—(See New York City, Borough of Richmond)
RICHMOND HILL—(See New York City, Borough of Queens)
RIPLEY—Morse, G. A.
Osborne, L.
Wright & Crandall
RIVERHEAD—Britton, Thos.
†Duryea, E. G.
†Hempstead, Chas. H.
†Lane Bros.
ROCHESTER—Baird, Wm., 42 Bartlett
Blackburn, Wm. H., 597 Lake av
†Boogert, Herbert, 56 Sullivan
Brice, Jno. G., 234 Wilder
Bristol, Herbert L., 176 Monroe av
†Casey & Murray, Powers bldg
Chatfield, E., 1 Grandview ter
Cherbonneaux, Jas. W., 53 Railroad
†Christiansen Bros., 320 State
Clark, Eber R., 19 Morgan
Clark, Edgar, 31 Locust
†Congdon, Richard, 60 Spring
Comber & Field, 178 East av
Crouch, Smith W., 34 Edmonds
Currier, Chas. E., 291 Court
De Lamater, Geo. H., 8 Winthrop
De Lano, F. B., 32 Mt Hopt av
†Denniston & Co., E & B bldg
Devendorf, W. I., 3 Evans
Doud, L. J., 156 Cady
†Ellsworth & Grant, Insurance bldg
Enders, P., Rustic n Clifford
†Etts, John W., 207 Frost av
Fehrenbach, Frank, 570 Jay
Ferguson, W. G., 10 Tacoma
†Finucane, T. W., Co., 3 Elton
Fisher, Hy. C., 56 Finch
French, W. L., 286 Webster av
Friederick, Henry J., 45 Friederick park
†Gleason, Fred, 29 Prospect
Glerum &Schiever, 17 Ely
Gorsline, Swan & Rice, Powers bldg
Gosnell, John, 9 Woodward
Hack, Adolph, 7 Englert
Hager, James H., 16 Bloss
†Hammill, J. P., 5 Bauer
†Harris, J. D., 38 Rutgers
†Hetzler, Charles, 330 Smith
†Hilenbrandt, John N., 30 N Water
†Hoffman, C. J., & Sons, 3 4th
†Hopeman, A. W., 7 Hopeman pl
Horn, Chas. L., 309 Joseph av
Hosenfeld, Leo, 16 Cayuga
Howe, William, 505 Av D
†Husmann, Henry, 1 Carl
Ingran, Geo. P., 53 Berkeley
Karweick, John, & Son, 48 Ranber
†Kay, J. R. & S. P., Co., Mill ft Brown
Keener, Jno., Jr., 129 Main, W
King, W. H., 395 Hayward av
†Knapp, Hower, Triangle bldg
†Kramer, K. P., 204 Caroline
Kreckel, J. C., 17 Cayuga
La Force, Martin, 69 Remington
Le Barron, Chas. W., 52 Elm
Levin, William, 10 Rhine
†Link, A., Mill c Furnace
Lockwood, Willis J., 62 State
†Long, Jeremiah M., 343 Frost av
†Luther, John, & Sons Co., 162 North
McCartney, Wm., 366 Parsells av
McKibbon, Daniel S., 7 Cobb
Mahaney, Michael C., c Flint & Genesee
Mandel, Albert, 161 Syke
†Marson, Wm. H., 17 Spring
Mattern, Geo., 327 Av A
Mathews, Wm. L., 407 Jefferson
Miller, John C., 318 Garson av
Millichamp, H., 378 Hayward av
†Montgomery, Wm. J. & G. E., 334 South av
Mulliger, Joseph, 94 Lime
Oberlies, H., 396 Gregory
Oberlies, L. J., 706 Clinton, Av S
†Osborne, James P., 59 Spring
†Pappert, A., & Sons, 707 Clinton av
Patterson, R., 48 Jefferson av
Pendrie, J. S., 63 Spring
Perkins, W. A., 308 Plymouth av
†Pike, John B., 13 Minerva pl
Powell, W. J., 49 Judson
Randall, F. T., 80 Finch
†Rapp, Fred H., 87 Clarissa
Ratt, F. C., 1393 South av
Rice, Henry, 127 Gregory
Rohr, Samuel E., 243 Scio
Ruebsam, Blasius, 326 Joseph av
St. Helens, Roger, 318 State
†Salter, Thomas, 118 Frost av
†Sauer, F. J., 31 S Water
Sauer, H. C., 42 Gregory
Scheck, Jacob, 574 Joseph av
Scheve, Hy., 311 Av A
Seitz, F. C., 207 Hudson av
†Siebert, C. S., 626 S Clinton av
Stephany, Frank, 49 Lowell
Stevenson, Jno., 12 Market
Stewart, J. L., 126 N Water
†Staucher, Edw., 155 Portland av
†Stuart & Lays, 31 S Water
Tosch, Herman, 600 Joseph av
Van Alstyne, A. W., 6 Beacon
†Vanderwerf, J. A., Wilder bldg
Vanderwerf, L., 379 Alexander
†Wagner, J. G., 20 Leopold
Walch, Robert, 51 Taylor
Walker & Avery, 65 Arcade
Wegman, George, 720 N Clinton av
Wemp, Allen A., 83 Webster av
Whitley, Henry, 75 Concord
Williamson, R., 33 S Water
†Yauch & Pfluger, 73 Lincoln
†Zielinski, Stephen, 513 Hudson av
ROCKVILLE CENTER — †Kessler, Chas. (Large)
ROME—†Baldwin, S. C.
†Burney, T. E.
†Calkins, J. R.
†Carey, Lawrence
†Gerwig, J. W.
†Hilts, Ezra, & Son
Long, J. G.
†Martin, Lyman A.
†Neice & Moose
†Putnam, R. A.
RONDOUT—(See Kingston)
ROSCOE—†Thompson Bros.
ROSENDALE—Coutant, Morgan K.
Davis, H. A.
†Van Nostrand Bros.
ROUND LAKE—Hewitt, Henry
Thorn & Hewitt
Waite, Augustus M.
ROXBURY—Jenkins, Alfred
Keator, Jason B.
RYE—Billington, Edwd.
†Bird, Henry
Byrnes, Thos. T.
†Doyle, Michael
Garland, Horace W.
Halsted, James D.
Heil, Henry
SAG HARBOR—Connor, H. J., Suffolk n South
Halsey, G. E.
Payne, C. P., Meadow n L. I. R. R. Depot
Sherman, M. L., Montauk av n Ackley
ST. JOHNSBURG—Hoffmeister, Fred
Wittkopf, John
SALEM—Button, Charles W.
Cruikshank, W. J.
SALEM CENTRE—Godfrey, Geo.
SANDY HILL—†Cunningham, Jno. J.
Cushing, M. E.
Doyle, Jas. F.
†Flood & Sherrill
Gannon, Jule
Gaulin, Paul
Grant, Jno.
†McCarty, Jas.
Morris, Norman
SARANAC LAKE—†Branch & Callaman (Large)
SARATOGA SPRINGS—Case, W. J., 49 Spring
Crocker, Harry, 63 Putnam
Hammond, W. J., Gardner's la
Heath, Stephen T., 15 W Harrison
Humphrey, H. L., 159 Grand av
Robertson, W. J., Gardner's la
SAUGERTIES—†Howard & Valkenburg
McNally, Geo. W.
SCHAGHTICOKE—Cronk, Jos.
Gamble, Sam'l
SCHENECTADY—†Carman, Wm. R., 446 S Centre
†Caw, Wm. G., 311 State
†Conway, J. M., 423 State
†Ferguson, John, 764 E Liberty
†Hanigan, Edw., 633 Blaine
†Hougtaling, Isaac L., 821 State
†Mahoney, David, 327 Brandywine av
†Molony, Jas., 816 State
Plant, Jno., 1210 State
Pruner, E. O., 348 Schenectady
Sitterley, John N., 639 Hamilton
†Simkins, A., 325 Schenectady
Van Natten, Jno., & Son, 105 Irving
SCHUYLERVILLE—Sweet, Wm.
Van Dusen, N.
Van Volkinburg, R.
SEA CLIFF—†Bader, Jno.
Coombs, Henry P.
Edwards, Charles
Gardner, Charles
Martin, John
Pearsall, W. V. D.
Swinson, August
SENECA FALLS—†Cudebec, Orlando B.
Doty, James R.
Fleming, F. W.
Follet, G. B.
Galpin, C. S.
†Guinnip, Marcellus
Harding & Doty
†McKevitt, Charles
†Moorehouse, Fred W.
Peck, B. F.
Ruthrauff, Henry
Seba, Thos.
Smith, Charles
†Stahl, Peter A.
SHELTER ISLAND—†Bateman, Thos. H.
†Burns, Thos. M.
SHUSHAN—Adams, F. D.
Durrin, A. L.
SIDNEY—†Bennett, M. D.
†Clark, G. A.
†Curtiss, C. H.
†Hall Bros. (Large)

†Jameson, Jas. (Large)
Phelps, H. J.
Richmond, E. R.
Robinson, Miles
Warner John
SILVER CREEK—†Montgomery, L. B. (Planing Mill)
SKANEATELES—Adams, Frank
Dent & Folts
Jewell Bros.
Loss & Platt
Moreland, Parley
White, Julius G.
SMITH'S BASIN—†Gleason, D. I. & Sons
SMITHTOWN—†Norman R. Smith & Son
SOUTH STOCKTON—†Clarke, J. H.
SPENCERPORT—†McCabe Jno. B.
Nichols, E. D.
SPRINGLAND—(See New York City, Borough)
SPRINGFIELD CENTER—†Ferris, W. A.
SPRING VALLEY—†Lake, D. M.
Singer, Jno. A.
STAPLETON—(See New York City, Borough of Richmond
SUSPENSION BRIDGE—Haeberle, Geo.
Hughes, John B.
Wagner, Jacob, Jr.
SYRACUSE—Abbott, Moses L., 1316 Madison
Algire, Nahun, 177 Bassett
Allen, Ervin, M., 806 Ostrom av
†Baker, James E., 216 Tallman
Ball, Jno. C., 334 Bryant av
†Barker, Jacob L., 405 Jackson
†Broadhurst, Isaac H., 313 Herkimer
Brown, Chas. R., 216 W Cohen
†Bruce, Daniel H., 807 Court
Cahill, Rhody, 213 Milton av
Chapman & Wilcoxen, 117 Townsend
Clark, Albert R., 129 Purple
Clift, Jos. F., 109 Pinnacle
†Coon, Thos., 142 Fitch
Cramer, Jay L., 108 Norris av
†Crossett, Jas. J., 824 Dudley
Dada, Jno., 153 Garfield av
Darrow, Geo P., 111 Linden
Doxstader, Geo. F., & Son, 439 E Water
Earll, Edw., 219 Cayuga
Fargo, Andrew J., 308 S Beech
Foster, Wm. R., 215 Summer av
French, Chas. H., 218 W Jeff'n
Frennette, John W., 341 Seymour
Funda, Henry, 609 N Geddes
†Gee, John W., 101 N West
Gilbert, Harrison C., 405 Cedar
Gill, John D., 103 Judson
†Goettel, Philip, 308 Highland
†Grossman, Wm. M., 106 Delaware
Harnois, Louis, 208 Prospect av
†Harrington, Chauncey, 1104 E Adams
Harrington, Jno., 1517 N Salina
Harrington, Jno. C., 106 Mildred
†Hayden, Oscar E., 139 Furnam
†Hefferman, Timothy, 100 Catharine
†Hemmer's, John Sons, 213 Sunset av
Hueber Bros., 134 Garfield av
†Hunt, Frank, 526 Cedar
Jenkins, De Witt C., 515 Kirkpatrick
Johnson, Wm. & Son, 217 Tully
†Kimmey, Frank M., 1210 W Onondaga
Kraus, Jno. E., 615 Butternut
La Montagne, Chas. E., 1600 Burnet av
Lee, John, 313 Burt
Link, Geo. H., 111 S Alvord
McAllister, Geo. L., 506 S Crouse av
†Mahlerwein, Geo., 606 S Clinton
†Millard, Fred'k G., 301 Cortland av
Miller, Chas. F. W., 130 Spring
†Nearing, G. Wells, 203 Kellogg
Nicholson, David W., 610 Bear
†O'Brien, Michael, 530 Cedar
†O'Brien, Thomas, 639 Madison
O'Connell, Fred'k J., 217 May av
†Overton, W. A., 529 Tailman
Paige, Albert E., 117 Onondaga av
Parker, Wells G., 714 S Beech
†Posthill, Jas. W., 400 Merriman av
Reagan, Arthur C., 206 Cayuga
Saulpaugh, Wm. H., 1318 E Fayette
†Schattle, George, 315 Burt
Schilly, Geo., 711 Townsend
Schilly, Valentine, 606 Ash
†Sherlock, Wm., 411 Canal
Sloeum, H. S., 338 W Brighton av
†Smith, Chas. J., 105 Raynor av
Smith, David, 343 E Castle
Sprague, Henry J., 143 Wood av
Stewart, John A., 210 Woodland av
†Strickland, Fred. W., 211 Furman
†Tinker, Geo. E., 107 W Newell
†Umbrecht, Charles, 214 Prospect av
Van Heusen, Wm. H., 701 University av
Veith, Otto H., 514 S Clinton
Werner, Adam, 404 Park
†Wildman, Elijah, 232 Lafayette av
†Wisehoon, Chas. F., 717 E Laurel
Yeakel, Philip, 407 Jackson
†Young, Elmer E., 218 W Brighton av
TARRYTOWN—Blouin, Joseph
†De Rever, Irviug
Manton, Edward
†Minnerby, Constantine
†Page, David
†Powles, Wm.
Purdy, D. W.
TICONDEROGA—†Remington, C. G. & Co.
TOMPKINSVILLE—(See New York City, Borough of Richmond)
TONAWANDA—Fehrman, Wm.
Pettit, Isaac
TOTTENVILLE—(See New York City, Borough of Richmond)
TROY—Behan & Cavanaugh, Young bldg
†Bergmann, Andrew, 896 3d av, Lans
†Bergmann, Jos., 24 8th, Lans
Bison, Joseph, 425 1st
Boland, Chas. P. Co., 2108 7th av
Boughton, eo. E., 2205 15th
Brady & Fitzpatrick, 436 1st av
Breton, F. & Bro., 117 Earl
†Bulmer & Haynes (Large), Front nr Fulton
Bulmer & Richards, 107 Washn
†Calhoun, D. H., Ford, Albia
†Campbell, Wm., 416 Grand
Carey Bros., Earl nr Bridge av
†Cass, Chas. A., 2 Front
Chesebrough, Daniel P., 641 6th av, Lans
Chriss, Danford, 132 George, G I
Cleghorn & Coon, Hudson av, G I
Curtis, Geo. A., 218 4th av, Lans
Cushing, Garrett, 2387 6th av
†Duncan, Charles (Large), Fulton & Front
Edelman, Wm. F., Church nr Quackenbush
Howes, Alfred, 47 South
Koerner, Fred, 126 President
†Lashar, G. W., William rear P O
Lee, John H., 434 10th
Le Roy, Giles, 458 River
Mack, Nathan, Lark cor Vandenburgh av
McIutyre, Geo. L., S Laundry pl
McCabe, C. & J., 15th cor Marshall
†Martin, Wm. E. (Large), Federal c Front
Meeker, C. A., 19 Ferry
Meneely, Andrew, 27 15th, Lans
Milligan, Wm. F. & Son, 119 William
Moore, Lawrence, N 1st rear 520 River
Phoenix, F. L., 5 Maiden lane
Quest & Walsh, 462 River
Richardson, Merwyn, 119 6th av
Roth, Lewis & Sons, 65 13th
†Schumann, Hy. W., 2d av & 21st, Lans
Skov, John, 21 17th, Lans
Smith Bros. & Gragan, 92 William
Smith, C. W., 22 16th
Soutar & Ritchie, 107 Church
Spence, Geo. & Sons, Church, Bway & Fulton
Stone, John A., 1738 Higland av
Titcombe, Jno. V., 701 5th av, Lans
Trank, A., 761 2d av, Lans
Truax, Lester, rear Congress Hall
Van Hosen & Gontier, Church nr St Paul's Church
†Vaughan, Patrick, 183 4th
Witze, Geo. F., 202 4th
Wylie, John W., 42 Bridge av
TUCKAHOE—†Bennett, R. G. & Son
UPPER JAY—Knapen, A. D.
UTICA—Allen, B. & Sons, Park av & Catharine
†Balch, Orville, 1717 Bleecker
Bellinger, De Verde J., 4 Noyes
†Clark, Chas. F., 41 Tracy
Corbett, John, 231 Rutgers
†Davis, Geo. E., 169 Kossuth
Desmond, Henry, 40 West
†De Vito, Frank S., 637 Bleecker
Dieffenbacher, C. F., 41 Chestnut
Diesenthold, Christian, 100 Lincoln av
†Doll, Michael, 261 3d av
Dwyer Construction Co., 217 Bleecker
†Embley, Walter, 22 Faxton
†Fey, Louis A., 251 Seymour av
†Fisher, Wm., 13 Union
Fleming, Andrew P., 131 Kemble
Foley, Patrick H., Clarendon bldg
†Frank, Jacob, 109 Erie
Fullride, Frederick W., 17 City
Garrett Bros., 170 Howard av
Gass & Son, 48 Shaw
†Geer & Taffner, 8 Union
Geiger, Oswald & Son, 2 Schuyler
†Griffith & Lloyd, 88 South
†Griffiths, Daniel & Son, 206 Brinckerhoff av
Griffiths & Pierce, 72 Charlotte
†Hahn, Geo. F., 25 Erie
Hensel, August, 105 Erie
†Hickey, Thos. C., 24 Elm
Hughes, Jno. F. Construction Co., 33 Charlotte
Jones, Wm. H., 733 Mary
†Jones & Shippy, 124 Elizabeth
Jordan, Patrick A., 12 Brayton Park pl
Kassing, H., 61 Kemble
Kerner, P. & Sou, 2 Canal
Kunkel, Martiu G., 74 Sunset av
Leefeldt, Geo. T., 72 Lincoln av
Leefeldt, J. F. & Son, 72 Lincoln av
†Lloyd, Richard G., 39 South
†McDermott & Lancaster, 107 Washington
McGauley, Edw., 30 City
Marshall, C. H., 42 Clinton pl
Metzger, Fred'k, 217 3d
Miller, Chas. N., 523 Blandina
Richards, Edmund, 86 John
†Richards, Richard & Son, 42 Elizabeth
Rieben, Samuel, 95 Taylor av
Roberts & Reese, 31 Pearl
†Roberts & Williams, 70 Charlotte
Roberts & Williams, 64 South
Schurr, Bernard, 20 City
†School, Peter J., 203 Elizabeth
Schraeder, Richard, 382 Brinckerhoff av
Schwab, John D., 20 Mohawk
†Scott & Yeoman, 65 South
Sherry Bros., 419 Seymour av
Shetler, James, 209 Howard av
Sherry Bros., 419 Seymour av
†Thomas, Philip Sons, 137 Kemble
Thomas, Rees, 43 Oswego
Troy Public Works, Mann bldg.
Ulrich, John, 135 Brinkerhoff av
Vogt, Jacob, 257 Lincoln av
Vogt Mathias, 31 Morris
West & Sons, 293 Lincoln av
†White, Geo. L., 109 Miller
†Williams, John R., 24 Blandina
Williams, Thos. H., Stewart bldg.
Wilhelm, Wilhelm, 12 Fay
Yeomans, Darwin A., 6 Union av
VALLEY FALLS—†Mesick, E. D.
VALLEY STREAM—†Abrams, Jno. H.
VERNON—Brown, J. M.
Burleigh, J. F.
VERONA—Hall, Gilbert
†Curtis & Webster
Pettingall, Chas.
†Towne & Crawford (Large)
WARWICK—†Dator, J. A. (Large)
WATERFORD—Sherman, Ephriam, 112 Broad
Reavy, Thos. H., 3 Saratoga av
WATERLOO—†Barlow, Moses
†Denniston, Robert
†Lawrence, W. B.
WATERTOWN—†Bigham, Thos., 74 State
†Brennan, Hodge & O'Brien, Flower bldg
Burns, C. C., 41 Franklin
†Case & Folsom, 12 River
†Charlebois Bros. (also Mfrs.), 85 Factory
†Cleveland, M. L., 40 Ten Eyck
Clevelaud, S. R., 31 Ten Eyck
†Haley, Ward & Burns, Bauk bldg
†Hardiman, John, 40 Massey
†Hinds, F. A., 26 Flower bldg
Hodge & Wright, 32 Pleasant
Kenney, W. E., & Co., 26 Stone
†Murphy, T. H., 43 W Prospect
Peters, Sanford D., 100 Academy
†Phillips, Patrick, 40 Massey
Retcor, W. J., 2 Gill
Robin & Hotchkin, 16 River
†Townsend, Geo. F., 55 Court
†Ward, J. F., Bank bldg
†White & Sullivan, 27 Moulton
WATKINS—Howard, Abner
White, George R.
White & Coughlin
WAVERLY—†Baldwin, H. J. & Son (Large)
WESTBURY STATION—†McCord, T. J.
Preston, Richard W. & Son, 293 5th av
YAPHANK—Davis, A. L.
YONKERS—Ames & Lockwood, 39 Sterling av
Anderson, Chas. L., 10 Bashford
Barnes, J. D., & Son, Park Hill av & McLean
Baumaun& Umstadter, Bronx River rd
†Brewer, W. B., 24 Poplar
Collins, Peter A., 141 New School
Chadburn & Edwards, 109 Linden
Earl & Kingsley, 26 Dock
Gower, Fielding, 290 Willow
†Halsey & Bro., 6 Wells av
Kipp Co., Market pl
Lutkins, Andrew R., 165 Highland av
Lynch & Larkin, 170 Stanley av
McCarthy Bros., 60 Arthur
Mackay, K., 64 Main
Mallison & Phillips, 32 Ashburton av
Mee, F. B., 30 Nepperham
Peene & Garthwaite, 75 Ravine av
Perry, Joseph & Son, 104 Waverly
Pyne, Thos., 71 Fairview
Quick, S. F., & Sons, 3 Atherton
Scott, Oliver Jno., Chicken Island
†Sherwood, John, F., 31 Cedar pl

Soctemon Bros., 15 Nepperham
Spickerman, E. R., 16 Hawthorne av
Swanston, Danl., 136 Alexander av
Taylor & Dundon, 37 Randolph
Thompson, Jas. M., Ft. Lowerre Station
Thompson & Ferrier, 45 Bennett av
Williams, Wm. H., 157 Buena Vista av
Wilson, S. B., 20 Locust Hill av
YOUNGSTOWN—†Servis, A. J. & Son

NORTH CAROLINA.

ASHBORO—Davis, M. L.
Redding, A. D.
ASHEVILLE—†Kelly & Felthaus.
†Revell, Oliver D.
†Tennent, J. A.
†Westall, J. M. (Large).
BURLINGTON—Mitchell, A. C.
CARTHAGE—†May & Kivett.
CHAPEL HILL—Brooks, C.
Strand, J. H.
Utley, F. J.
CHARLOTTE—†Ahrens, F. W.
†Asbury, Josiah
†Asbury & Finger
†Cochrane, W. A.
Cooper, L. W.
†Gordon, J. F.
†Miller, Jno. E.
Orders, J. Y.
†Propst, E. L.
†Ross, J. D.
†Taylor, Francis
CONCORD—†Luther, C. A.
Luther, J. P.
†Probst, A. H.
DURHAM—†Norton, C. H.
EDENTON—†Ralph, Theo.
ELIZABETH CITY—†Kramer, D. S.
†White, B. E.
GOLDSBORO—†Porter & Goodwin
GREENSBORO—†Rain, W. C.
†Brooks, A. F., 636 S. Elm
Smith, John Y., 510 Arlington
HENDERSON—Bunn, Robt.
HICKORY—†Elliott, J. D. (Large)
Elliott Bros.
Killian & Whitener
Moose, Dan.
HIGHLANDS—†Boynton Bros. & Co.
HIGHPOINT—†Hall, Dennis H.
Hedrick, E. T.
Linden, T. R.
Smith, W. P.
JONESBORO—†Thomas, W. A. & Co.
LUMBERTON—Dees, J. M.
†Hightey, G. P.
MOREHEAD CITY—Davis, A. C.
Pelletic, L. R.
MURFREESBORO—Deane, W. D.
NO. WILKESBORO—Church, J. W.
Church, A. N. & Sons
Shook, J. W.
Warner, J. W.
Wilkesboro Mfg. Co.
RALEIGH—†Allen, J. S., 517 N. Bloodworth
†Barrow, W. B., 311 N. East
†Clifton, W. V., 538 N. Person
†Coffey, J. W., 107 W. Jones
†Hamilton, L. M., 218 Elm
†Hunnicutt & Weir, 206 S. Salisbury
†N. C. Bldg & Supply Co., 101 N. West
†Royster & Moser, 125 W. Martin
†Whitaker, Wm. (col.), 16 Worth
Zachary & Zachary
RANDLEMAN—Frazier, Robt.
Redding, A. O.
Tolley, R. K.
RUTHERFORDTON—Arrowood, John F.
Callahan, J. N.
SALISBURY—Howard, W. B.
SALEM—See Winston-Salem
SANFORD—†Brown, Jno. W.
†Gilmore, Geo. W.
†Matthews, J. B.
Wombile, Geo.
SHELBY—Rudisell M. E.
Weathers & Co.
SOUTHERN PINES—†Chatfield & Messer
Poe, W. E.
Stuart, W. J
WILMINGTON—Applegate, P. A.
Eubank, Jno. W.
Gray, Jesse W.
†Hanby, J. H., 115 South 6th
Howe, Jno. H., 116 Castle
Landon, Thos. G.
†Morrell, Chas. D., 210 N. 6th
Presson, Thos. J.
Rodgers, B. B.
†Shepard, E. M.
Smith, Lewis B.
Thomas, Frank, 129 Dock
Tyler, Thaddeus, F., 122 S. Front
WILSON—†Deans, Jno. B.
WINDSOR—Butler, J. M.
Butler, K. L.
Butler, N. Y.
Cooper, Peter
WINSTON-SALEM—Cooke, Cooper & Co., 109 W 4th
Cooke, Cooper & Co., 109 W. 4th
†Fogle Bros. (Large)
Gale, H. A., 655 W. 4th
†Cummings, J. M.
†Miller Bros. Co. (Large)
†Miller, J. C., 123 Liberty
†Pitts, R. H.

NORTH DAKOTA.

ARTHUR—Boettcher, Emil
Morrison, Robert
AYR—Hyslop, Wm.
Riddell, J. P.
BARRIE—Allen, J. L.
Kloustad, Ole T.
BARTLETT—Picon, Dana B.
Schroeder, W. A.
BATHGATE—Cook, Wm.
Crinckshank & Rafferty
Sabraw & Sons
BELFIELD—Abrahamson, C.
Andersen, J.
Friend, John
BISMARCK—†Glineburg & Lovin
Hoagland, J. P.
Johnsen, Louis
Pierce, E. S.
CASSELTON—Bullis, Harry
Burley, Jesse
Catant, E. I.
Edwards, T. J.
Elders, W.
Irish, Cephas
Lockhart, I.
Porter, John
DAVENPORT—†Sandberg, Anton
DEVIL'S LAKE—Paul, H. C.
White, O. T.
Wilkinson, A. M.
DRAYTON—Arthur, J. B.
De Lisle, Christian
Trotter, Charles
DUDLEY—Thome, M.
EDGELEY—Alister, M.
Mick, W. H.
York, J. W.
ELLENDALE—†Bornholdt, Jacob
†Martin, Jos.
†Van Meter, Jno. H.
ENDERLIN—†Crandall, J. W.
FAIRMOUNT—Almy, A. A.
Anderson, Emil
FARGO—†Bowers Bros.
†Campbell, J. S.
†Cleist, A. A.
†Runner & Johnson
Schlauser, John & Sons
†Shanley Bros.
†Shanley, B. F.
†Thompson, J. H.
†Wilson, Stewart
FORMAN—Forman, W. C.
Pattern, M. D.
GRAFTON—Aas, John
Lewis Bros.
†Nollman & Lewis
Robertson Lumber Co.
GRAND FORKS—†Bailes & Perkins, 314 Alpha av
†Bjornstad, E. N., 316 Belmont av
†Costello, T. F., 715 Alpha av
†Dinnie Bros., 314 Alpha av
†Eikhof, Jno., 206 S. 3d
†Gunderson, Ole, 127 S. 6th
†Hunter, K. C., 304 Int'l av
†Killen, Jno., 302 S. 3d
†Moran, M. J.
†Osler, T. S., 1320 University av
†Turner, A. F., 411 N. 5th
HATTON—†Colton, E.
HILLSBORO—†Moburg, E. J.
HUNTER—McComb, D. H.
McMullen, J. H.
JAMESTOWN—Bergquist, O. F.
Calkins, E. L.
Hotchkiss, H. C.
LAMOURE—†Alister, A.
LANGDON—Gardiner, Paul
†Loynes, James
LISBON—Burnett, J. A.
Howland, W. A.
Stone, A. R.
LORDSBURG—Cutter, Louis, Sr.
Masse, L.
M'HENRY—†Mulkern & Greb
MILTON—†Strand & Sigwaldson
MINNEWAUKON—†Moen, Hogan
NEW ROCKFORD—†Clark & Kinniard
OAKES—Crandall Bros.
†Good, W. W.
Williams, G. S.
ORISKA—Bonners, H.
Marquart, Charles
PAGE—†Atten, H. E.
PORTLAND—†Parsons & Field
ST. THOMAS—Johnson, J. H.
Miller, Robert
STEELE—†Storey, J.
SYKESTON—Carroll, Henry
Graufmann, Wm.
†Walters, Z.
THOMPSON—Eng, Amos
Ray, William
TOWER CITY—Frost, C. E.
Hill, E. M.
Locklin, C. D.
VALLEY CITY—Bailey, Robert
†MacDonald, Duncan
VIKING—Hagen, E.
Moen, H. J.
WAHPETON—†Albrant, W. C.
Gardner, James
McKenzie, F.
Northwestern Construction Co.
Rems, Joseph
†Schuler Bros.
WALHALLA—Peters & Peters

OHIO.

ADA—Allen, L. J.
Auspach, C. S.
Geesman, Wm.
Livingston, Henry
Schurtz, W. D.
Schuster, D. A.
ADAMSVILLE—Gaumer, Riley
Sherer, W. S.
ADARIO—Gipe, Frank
Gipe, Joshua
Hisey, Jacob
ADDYSTON—†Atwell, Geo.
†Dinning, Jas.
†Smith, Thos.
†Strimple, Jno.
AKRON—†Akron Lumber Co., 1027 S. Main
Brown, James, 54 Central Office bldg.
†Carmichael, Geo. W. & Co., 524 Hamilton bldg.
†Coleman, Eugene O., 205 Worcester av
†Ewing, L. D., 121 Kirkwood
†Gordon & Runyeon, 134 Benjamin
Hall, J. W., 107 Cross
Hankey Lbr. Co., 1036 S. Main
†Henninger & Eiton, c. Main and Cedar
†Henry, Hiram C., 204 Torry
†Hunsicker Bros., 204 Hubbert av
†Jackson, D. & Co., 116 W. Exchange
†Lyman-Allen Lumber Co., 896 S. Main
†McClellan, Wm. A., 305 Water
Petit & Abbass, 120 Sterling
Reading Mfg. & Bldg. Co., 107 The Viaduct
Sprigle, E. P., 220 Pine
Star Planing Mill Co., 209 Cherry
†Summit Lumber & Building Co., 120 W. State
†Swain, Jos., 306 Crosby
†Thomas Lbr. & Building Co. (Large), 231 Cherry
†Waltz, Madison, 402 S. Maple
†Weaver, J. C., 123 Oakdale av
†White & Dietz Lumber Co., 212 River
†Wilson, N. C. Lumber Co., 888 S.Main
ALBION—†Berry, L. S.
Lee, J. M.
ALEXANDERSVILLE—†Dryden, D. C.
Leighty, William
Lesher, William
ALLENSVILLE—†Fry, Charles
ALLIANCE—Boone, Robt. M.
Mauss, Frederick
Pettit, W. P.
AMANDA—†Borchess, Wm.
†Clark, Levi
Conrad, R. D.
†Hilliard, J. T.
†Howard, Jos.
†Kearshner, Jacob
†Mallon, James

†Mallon, Nathan
Nye, Alfred
Peters, M.
Will, Chas
Will David
AMELIA—Smith & Gray
AMESVILLE—†Crawford, J.
†Williams, W.
ANNAPOLIS—Carroll, Cyrus
Ferrell, J. W. & Son
Fulton, S. G
Shields, A. A.
Shultz, R. M.
ANTIOCH—Brown, John R.
Hubbard, Geo. E.
ANTRIM—Hanna, R. W. & Son
Knouff, J. D.
Stockdale, Moses
ARCANUM—McKeown, John
Pierce, O. B.
Siler, L. B.
Thomas, S. B.
ASHLAND—Barr, Jas.
†Myers, J. W. & Co.
†Chearer, Kagey & Co.
†Shutt, Wm.
†Stueee, Thos. G.
ASHTABULA—Bailey, Emmett
†Bailey, E. E.
†Baldwin, W E..
†Beekman & Hedbury
Davis, E. James
†Drumeller, S. P.
†Hopkins, Frank
†Johnson, John
†Knapp, J. A.
†Morrison, Wm.
†Schrock, C. S.
Schrock, J. F.
†Thompson, E. A.
†Whitman, Horace
ATHENS—†O'Bleness, Henry (Large)
Towsley, Geo.
Wright, Henry
ATWATER CENTRE—Conrad, A.
Costello, J.
AUBURNDALE—Chandler, Wm.
Hale, James
†Lee, D. D. & Co.
Potter, W. S.
BALTIMORE—†Auer & Att
†Wiest, Wm.
BARBERTON—Fink, David A.
†Gerst, Dan'l.
†Hines, Albert
†Jackson Lumber Co.
Peters, Dan'l
Willems, Fred'k
BARNESVILLE——Ellis, L. B.
Fowler & Strahl
Patterson Bros.
BATAVIA—Hambleton, Edward
BELL—Tannehill, E. W.
Tannehill, Wm.
BELLAIRE—Burrows, H. W.
Fish & Hess
Jones & McGraw
Woods, John H.
BELLEFONTAINE—Good, Samuel
Mangans, J. F.
†Ranney, J. B.
Scott, D. L.
Woodside, George
BELLEVUE—†Wise & Son
BELPRE—Forbes & Neff
Obleness, A. G.
Patton, Milton
BEREA—†Allen, Jno.
†Brown, A. J.
†Elmore, Chas.
BERN—Lowe, R. F.
Tarleton, L. C.
BERNARD—†Biehm, Geo.
†Biehm, Lewis
†Martin, J. C.
BEVERLY—Ball, Ross
Grubb, C. M.
BISSELL'S—Sprague, C.
BLACHLEYVILLE—Houser, D. R.
BLAKESLEE—Kebbie Bros.
BLOOMFIELD—†Chipp, P. J.
Lyon, O. M.
BLUFFTON—Althouse, Ewing & Co.
Swinehart, A. E.
Townsend & Co.
BOLIVAR—Lessick, John
Smith, Geo. W.
BOWERSTON—Brower, David (Large)
BRADFORD—Basil, Asbury
Rike, Jos. & Son
BRICE—Burnett, Wm.
BRIDGEPORT—Barker, F. H.
Carr, Owen
Catlett, H. H.
†Clark, James
†Frazier, T. T.
Kidney, J. D.
BRISTOLVILLE—Burr, F.
Chaffee, Ed.
Mahan, E. T.
Mahan, Milton
BUCKLAND—Neese, Ambrose
Sites & Brenneman
BUCKRUN—Assenheimer, J. L.
Fenner, G. W.
Hipp, J. G.
Messner, Fred'k
†Roehr C. (Large)
†Ross Bros. (Large)
BUCYRUS—†Fenner, G. W.
†Hipp, J. G.
†Messner, Fred'k
†Roehe, August
†Ross Bros.
†Shealy, David
†Ulmer, Adam
BURGH HILL—Fitch, Wm.
Henry, Wales
BURTON—Crittenden, L.
†Ford, W. S.
†Johnson, C. H.
Kinney & Williams
CADIZ—†Long, E. M. & Sons (Large)
CAMBRIDGE—Berton, Jno. & W. S.
Blair, Wm.
†Forney, Chas. W. (Large)
Hawkins, O. J.
†Hoyle & Scott (Large)
†Huminger, H. C.
†Jackson, James
Linn Bros.
†Warden, John
†Wharton, Wm.
CANAL DOVER—†Collier & Baer
†Wentz, F. & Co.
†White, Enck & Co.
CANAL FULTON—Biller, Daniel
Gilcher, H. & Son
Kittinger, Lewis
Kittinger & Stock
Myers, Henry
CANFIELD—Porter, A. S.
CANTON—†Bostick, Cyrus S., 1227 S Cleveland
†Bowen Bros., 719 S Cleveland av
†Brumbaugh, Sam'l, 1521 E State
Burnheimer, Jas. C., 408 W. S.
†Davis, Wm. L., 211 W. 4th
Hill, Edw. C. & W. F., Cedar st
†Holwick, Daniel L., 900 S Cleveland av
Schott, Jos., 521 Lawrence av
†Skinner, D. W., 615 Penna av
†Starkey, Henry
†White, Geo. H., 1408 Woodland av
CAREY—Deardorff, John
Gear, Jacob
Schmuck, John
Sipes, David
Williams, S. C.
CARROLLTON—Bricker, Wm. F.
Ryder, John G.
CARTHAGE—†Arthur, Chas. M.
†Arthur, M. Allen
†Ashar, Jno. W.
†Busse, Julius
†Connett, Abel C.
†Denman, Wm. L.
†Hamilton, W. H.
†Ismael, Geo. A.
†Kuderer, John
†Lang, Jos. S.
†Lang, W. John
†Nieber
Phillips, Geo. W.
Phillips, Hurlburt
†Rugg, C. W.
†Waitman, Jos. S.
†Wiley, Wm. F.
CASTINE—Banta & De Camp
CHARDON—Conley, F. C.
McNaughton, J. M.
Welch, A.
CHASEVILLE—Vandyke, Wm.
CHAUNCEY—Nye, Harvey & Co.
CHESHIRE—Brown, Geo. W.
Good, Wm.
Hix, Jas.
CHEVIOT—Bentel, Edward
†Brielmeyer, Jno.
†Dempster, Parker
†Fisher, Henry Jr.
†Holtgrewe, Fred'k
†Pavy, Thos. J.
†Reinke, Chas. B.
†Spaeth, Adam
Zorn, Fred.
CHICAGO—Andrews, S. P.
Beelman, Adam B.
†Beelman, J. L. & E. L.
Carpenter, D. N.
†Williams, W. A.
CHILLICOTHE—Biedeman, Israel, 121 W Main
†Gerber, Jos., 160 Vine
Leasure, Theo., 72 N Bridge
McAtee, B. M., 605 Vine
Meyer, Jno.
Nolze, H. C., 348 Clay
Reid, H. N., 153 S Walnut
Siegfried, Geo., 241 W Water
CINCINNATI—Albrecht, Jno., 3751 Borden
Anderson, Geo. W., 17 Carter av
Arlinghaus, Jos., 2127 Loth
Atkinson, Robert, 912 Race
Aufdembrinke & Frerking, 19 W Canal
Baasch, Jno., 124 E University av
Barr, Thos. B., 242 Ludlow
Barr, Wm. B., 805 Broadway
Beall, Wm. T., 3743 Beechmont av
Beckmann, F. W., 716 Laurel
†Behrens, Henry, 15 E Baker
†Belmont, Louis, 2177 Gilbert av
Bennewitz, A. W., 423 Sycamore
Bentel Bros., 3250 Montana av
Bernard & Stoehr, 2248 Vine
Rice, Edward, Roanoke Flats
†Bierlein, John & Co., 314 E. 6th
Blassing, Wm., 418 Arch
Bohne, Henry, 1772 Townsend
Boller, Louis, 1426 W Liberty
Bonsall, G. W., 818 W 4th
Brammer, Eaml. V., Phincipio av, Linwood
Brenglemann, B. H., 1138 York
Britt, Chas. E., 221 W 3d
Brockmann, John H., 1608 Logan
Broering, Bernard, 2420 Halstead
Brookfield, Benj., 1331 B'way
Brown, Jno. W., 4701 Harris
Buening, Gerhard, 1552 Barton
Burdge, Pepper & Hull, 7 W Canal
Burroughs, Chas. E., 1713 Highland av Mt Auburn
Cameron, M. A., 306 W 9th
Carey & Zimmerman, 41 E. 4th
Chappelow, C W. & Co., 216 Longworth
Clark, Jno. W., 507 Bauer av
Conner, Chas. F., 2210 Florence av
†Cooper Bros., Union Trust blrg
†Cotteral Building Co., 35 Blymyer bldg
†Coyle & Schoonmaker, 418 Vine
Dale, J. C., 220 E 6th
Davenport, Jno. V., 428 Pioneer
Davidson, Alvin, 604 Walnut
Delaney J. & Co., 1768 E McMillan
Dexter, Andw., 905 Poplar
Donohue & Haigh, 7 W 9th
Douglas, S. B., 138 Mason
Drake, Clinton F., 3944 Colerain av
Drach, Louis, Construction Co., 5th & Vine
Dreyer, John B., c Livingston & Linn
Drott, Geo., 2725 W 6th
Elber, George, 1739 Elmore
Eickbusch, Herman, 1629 Dudley
†Elkardt Bros., 1901 Montrose
Ellick, Frank C., 2005 Central av
†Ellis, W. H. & Co., Mitchell bldg
Epperhart, Jno. H., 4700 Hamilton av
Evans, Ben., 705 B'way
Farrell, Jas. A., 766 W 5th
Farrell, John J., 1213 Rose av
Farrell, Simon, 7 W 13th
Feller, Jno. G., 2429 Vine
Feller, Mathias, 2442 Clifton av
Fellers, John A., 1029 Locust
Fischer, Alex., 3211 Colerain av
Fischer, Frank, 26 Allison
Fisher, A. O., 423 Plum
Fox, Charles E., 2216 Reading rd
Fox, W. Boyd, 755 McPherson av
†Frank & Kasheimer, 657 Sedam
Friend, Geo. H., 612 State av
Fussner, Val., 756 Hopkins
Geismann, J. H., 3903 Colerain av
Gibbs, E. B., 655 W 9th
Gilfillen, Frank, 1624 Bruce av
Goldkamp, Wm. & Son, 1706 Madison rd
Gorman, G. A., 1050 Central av
Grant, David S., 1057 Delta av
Greimann, Wm., 156 Dorsey
†Griffith, Jas. & Sons, Reading rd & E 12th
Grossman, Louis, 533 W 7th
Harden, Ruluff W., 709 Harriett
Harig, Henry & Co., 327 Livingston
Hayes, Bailey H., 408 Shestnut
Hazen, L. P. & Co., Reading rd
Heinemann Herman, 1776 Elmore
Heister, Peter, 233 Main
Henkel & Sullivan, Bodman bldg
Hermann, Hy., 1673 Blue Rock

Hillebrand, J. F. & Son, 503 Milton
†Hirchfield, Theo. & Son, 2900 Henshaw av
Hoffman, Herman, 937 Betts
Holtgrewe, Fred. H., 1754 Baltimore av
Holtzinger, H. E., 509 George
Hookman, Geo., 2212 May
†Hornbrook, S. W., box 135 Builders' & Traders' Exch
Hotchkiss, Elisha, 1220 Oak av
Hummel, Jacob, 421 David
Hunt, Geo. A., 2418 Gilbert av
Jasper, Hy., 2116 Freeman av
Jennings, Silas T., 2354 Ohio av
Jeynes, Jas. W., 630 Shillito
Juergens Bros., 1135 Sunset av
Katker, Rudolph 520 Slack
Keckle, Frank X., 314 15th
Kirchner, F. H. & Co., 8th & Plum
Kister, H., 3 Builders' & Traders' Exch
Kittering, S. W., 936 Linn
Krieger, John, 3080 Henshaw av
Kuhlmann, Jos. A., 425 Wade
Lakamp, Herman H., 1037 Rittenhouse
Langhorst, Fred., 1907 Western av
Langhorst, Theo., 1604 John
Lauber, A. C., 941 Enright av
Lawrence, Wm., 2505 May
†Laxford, G. F., 609 W 5th
Ledermair, John, 631 Delhi av
Lee, Jno. L., 835 Carlisle av
Leimann, Wm. & Bro., 2331 Clifton av
Lewing, Geo., 1611 Gest
Lindemann, John H., 2615 Jefferson av
Little, Jos. T., 2432 W. 6th
Louderback, Michael J., 652 W 4th
Lowry, Thos. F., 1329 Chapel
McGrew, Alex., 804 W 5th
†McLennan Bros., 721 Reading rd
McMiller & Taft, 1249 Plum
Marcus, M., Building Co., 1515 Plum
Martin, J. C., 623 Plum
Matthews, Wm. J., 258 Robb av
Mertens, G. H., 745 State av
Meyers & Stegemeier, E. S. Winfield av S. of Midland av
Miles, Eugene, 3837 Edgewood av
Miller, Wm. & Son, 2020 Elm
Mills & Ott, 216 George
Miltenberger, H. C., 1045 Linn
Moore, Daniel W., 412 W Court
†Morton & Johns, 413 E. 2d
Murr, Samuel, 68 Race
†Murray G. & Bro., 531 Clinton
Naylor, M. E., 32 E. 13th
†Nieber, G. Fred., 329 Perry
Nienhaus, Geo., 1145 Sloo
Nostheide, Wm., 1852 Westwood av
Otte, Fred, 1924 Western av
Owens, M. R., 216 Post sq
Payne & Co., Commercial Tribune bldg
Peacock, Edw. A., 323 E 8th
Peacock, Samuel D., 12 E Commerce
Penker, Max, 14 W Elder
Perry, Rucker, 2024 Plum
Plump, G. H. & Sons, 1415 Mansfield
Powers, H. D., Woodburn av, Evanston
Powers, Jos. J., 916 Clinton
Purcell, H. B., 903 Betts
Ramsay, Solomon, 924 John
Rauen, Henry, 3602 Warsaw av
Reeves, Wm. N., 818 Lock
Reeves, Wm., 110 Sycamore
Reuwer, Fred. H., 1833 Sycamore av
Rice, Boone, 1 Allen
Rigney, John, 222 E 12th
Rolfes, John, 222 E 12th
Ruttan, Saml, 606 John
Scheit, Jacob, cor. Central av & David
Schlueter, H. G., 1040 Straight
†Schmitt, J. B., 208 McFarland
Schuberth, Wm., Jr., 419 Home
Schur, Geo., 1770 Carll
Schulten, Herman, 5th av S. of Midland av
Schwalbach, Peter, 516 Klotter av
Scott, Wm., Dorchester av & Josephine
Seyfried, Conrad, Roll Road & Herron av
Sims, Fillmore, 1880 Gladstone av
Smith, Benj. F., 2790 Observatory av
†Smith, Peter, 1812 Fairmount av
Smith, Wm. R., 220 Post sq
Sollenberger, Jas., 4721 Wilmer av
Staffen, Joseph, 3210 Fairfield av
Stein, Jos. C., 1726 Central av
†Steinbicker Bros., 953 W Court
†Stemn, Herman, 1626 Pleasant
Stemler, John, 233 Main
Stephens & Hoog, 221 George
Stoever, John & Co., 555 Poplar
†Stewart's, Wm. H. Sons, 1011 Plum
Stoever, John & Co., 555 Poplar
Sulau, Geo. 4234 Dane
Taylor, Chas., 2917 Alms pl
Tueting, F. W., 1725 Bremen
†Vaughan, Geo. W., Sr., 133 Sycamore
Voorhees, Geo. E., 817 Wade
Walton, Reuter & Co., Pickering bldg
Webb, L. M., Contracting & Construction Co., 111 W 2d
†Weber, Adam, 4220 Spring Grove av
Wehrly, Noah W., 1626 Forest av, Walnut Hill Hills
White, Wm., 2509 Kemper lane
White, Wm. C., 544 Delta av
Wickware & Reif, 2913 Monfort
Wiley, F. B., Kellogg av & Turkey Bottom rd
Wiley, W. C. & Sons, 1211 Herchel av
Willis, Isaac D., 315 E 3d
†Wilson, Anson, Builders' & Traders' xech
Wilson, T. H., 101 W Front
Wulfeck, Edward C., 413 Milton
Zink, Lorenz, 264 Stark

CIRCLEVILLE—Cook, Amos
Fosnaugh, Henry W.
Graham, J. A.
Salter, W. K.

CLAIBORNE—McPherson, Jos.
Thornbury, John

CLAIRINGTON—Dietrich, Fred
Gordon, I. B.

CLARKSBURG—Downing, B.
Rittenhouse, Thos.
Wilkins, Isaac

CLAYTON—Betz, F. C.
Mikesell, Cyrus

CLEVELAND—Adams, Wm. F., 1022 Clark av
Akers, Jno. K., 1846 Pearl
Alexander, Oscar F., Williamson bldg
Allen, Arthur W., 126 Greymont
Allen, Jas. T., 8 Echo
Anders, Carl, 172 Champlain
Austin, Samuel., & Son Co., 1257 Broadway
Bailey, Chas. L. & Son, 26 Kinsman
Baldwin, Lewis L., 893 Central av
Banko, Henry, 23 Atwater
Banse, John C., 107 Steinway av
Bauck, Charles., 1643 Woodland av
Beckwith, Edward G., 16 Westake av
Bennage, Geo. W., 91 Malcolm
Benner, Wilson, 13 Ashley alley
Benninger, Mathias, 301 Hamburg
Benz, Henry L., 10 Diamond Park
Biedermann, Geo., 23 Prague
Blakely, Justus S., 16 Wierfield
Bodigheimer, Ignatius, 37 Bolton av
Bram, Michael, 617 E Madison av
Brightmore, Jos. T., 14 Long
Bronson, Frederick R., 2301 Spafford
Brown, Fredk. D., 65 Fowler
Buckingham, A. E., 266 St. Clair
Carpenter, David L., 632 Doan, Glenville
Carson, C. A., 168 Melrose av
Case, Charles A., 1302 Euclid av
Caunter, Geo., & Son, Builders' Ex.
Chlanda, Anton, 84 Hege
Christner & Swaffield 885 Wilson av
Clare, Samuel, 2369 Elmwood
Clark, Arthur W., 686 Lake
Coblentz & Miller, 7 La Salle
†Cohen, Henry J., 219 Fruitland av
Conant, Ward L., 1701 Denison av
Congo, Albert N., 15 Norwich
†Cook, Geo. A., 221 Archwood
Cook, Nicholas, 206 Prospect
Coover, Chas. E., 642 Hough av
Corbett, Thos. A., 414 Herald
Cottrell, Wm. E., 426 Cedar av
Crawford, Chas. S., 22 B'way
Dawson & Luther, 41 McConnell
Delike, Fred E., 4 Evins ct
Dennis, Slate S., 141 Marble
Dieffenbach, Harry L., 250 W Clinton
Dister, Geo. F., 643 Bridge
Dobbert, Charles W., 307 Russell av
†Dorenkott, Hy., 17 Schott
Dorenkott, John, 6 Grape
Dorman, Rufus S., 125 Cedar av
Dunbar, Wm. & Co., 148 Champlain
Dunn, Wm. L., 1181 Pearl
Durkee, Wm. H., 674 W Madison av
Eggert, Louis C., 1057 Giddings av
Eischen, John B., 1016 Gordon av
Faulhaber, Jno. F., 55 Root
Fawcett, Jno. W., 1807 Doan
Ferguson, Chas. A., 32 Penrose av, E. C.
Ferguson, David W., 46 Auburndale av
Ferguson, Wm. B., 25 Kelton
Fifield, Geo. W., 16 Hollingsworth ct
Fornehner, Chas. W., 265 Wade av
Fornehner, John J., 312 Walton av
Fornehner, Wm. & Frank, 914 Clark av
Formire, Merritt D., 773 Scovill av
Freeman, Owen, 140 Taylor
French, Albert, 2225 Detroit, Lakewood
Giel, Jno., & Co., 80 Dike
Gillin, James C., 23 Collins pl
Gillin, John F., 91 Quincy
Gillin, Stanley H., 3 Hough pl
Glause, F. & Son, 7 Norwood
Gravenstreter, Jos., 5 Hague
Gray, Osbourne, 1226 Curtis av
Griese, D. C., & Walker Co., Soc. for Saving bldg
Haase, August F., 78 Mather
Hahn & Lepole, 1331 Rhodes av
Hamilton, Herbert, 755 Parkwood av
Hamilton, Thomas, 2966 Superior
Hamley Bros., 257 2d av
Hannah, Jas. F., 85 Aiken av
†Hannemann, Jno., 90 Starkweather av
Hansen, Abelgaardt, 17 Malcolm
Hansen, Andrew J., 53 Lena av
†Hansen, Rasmus, 49 Root
Harbaus, Martin C., 365 Hamilton
Jacquet, Albert A., 230 Bridge
Jahnke, Charles, 114 Brighton
Jepson, Peter, 14 Hazel
†Jepson, Wm. W., 78 Brightwood av, E. C.
Johannes, Chas., 48 Ravine
†Jones & Meyers, 175 Edwards av
Kachler, Wm. G., 52 Bliss av
Kelley, Andrew W., 136 White av
Kenna, Edward, 1088 1st av
Kennedy, Daniel, 80 Hough av
Ketteringham, Edw., 686 Woodland av
Ketteringham, W. B., 12 Jennings av
Kiplinger, Wilson, 208 Robison av, Invle
†Kittinger, Frank S., 269 Melvin
Knobloch, Geo., 22 Lewiston
Kruger Bros., 153 Dower
Krug Bros., 188 Wason
Kuehny, Wendelin, 132 Elton
Landreth, Albert R., 50 W Jackson
Lang, John, 25 Justus
Lehman, Clifford E., 267 Becker av
Letts, Edson J., 196 Lake
Little, Frank W., 51 Clement
Lowe, Parker, 286 Oakdale
†Luekens, G. H., 76 Penn
Lukas, Frank, 1689 B'way
†McAfee, William J., 86 Classen
†McAllister, Wm. B., Co., 20 Newton
†McGorrey, Edward, 233 Lincoln av
McMillan, George B., 235 Case av
†McQuoid, Robert, 1025 Cedar av
Marquard, Phil., Bldg Co., 28 Cook
Marsh, Wm. E., 67 Mayfield
Masek, Jos., 40 Ivy
Mercier, Theodore, 207 Waring
Merkel, Frank L., 104 Becker av
†Miles, Chas., 184 Robison av, Glnvle
Miller, James W., 802 Quincy
†Mills, Warren H., 40 Lockwood av, E C
Moentk, Chas. W., 25 Prame
†Moore, Jno. D., 168 Murray Hill av
Moore, William, 8 Court pl
Moorehead, J. Harry, 469 E Prospect
Morse, L. Dwight, 40 Mansion
†Neracher, Adolph, 25 Longwood av
Oehmke, Julius, 44 Mapledale av
Oswald, Daniel, 83 Barber av
Oviatt, Martin J., 26 Garden
Page, Jno., 1213 Lex av
Palmer, John, 147 Amesbury av
Parks, Seymour L., 1037 1st av
Pennington, Alex. W. & Son, 34 S Water
Pfarr, Fredk. J., 56 Ida
Pietrowski, F. & Son, 57 B
†Prasek, Chas. J., 105 Fleet
Quere, Jno. F., 566 Gordon av
Radcliffe, Chas. D., 34 Greenwood
Rawlings, John, 33 Oakland
†Reaugh, J. A. & Son (Large), Garfield bldg
Redlin, John, 187 Dunham av
Rigs, John, 58 Anndale
†Righter, William, 159 Muirson
Robertson, John M., 1094 1st av
Rochford, Henry J., 41 Hazard
Roe, R., & Son., 3 Franklin av
†Rutherford, Geo. A. Co., 40 Sheriff
Samman, Peter, 760 E Madison av
Sanford, Frederick B., 36 Redell
Sayle, William, 15 Calvert
Schad, George, 43 Bleeker
Schade, Jacob, 269 Commonwealth av
Scheck Bros. & Co., 70 Auburn
Schlund, August, 43 Foljambe
Schlundt, Chas. & Son, 318 Burton
Schneider, Geo., 678 Doan, Glenville
Schoonard, Frank B., 67 Minton
†Schreiber, Chas. A., 56 John
Schultz, Paul 445 Fleet
Schwitzer, Geo., 59 Malcolm
†Searl & Son, 205 Van Ness av
†Sibbison, Magnus, 1194 E Madison av
Sidley, Frank J., 30 Wellesley pl
Silvers, Julius, 316 Pearl
Simmons, Jas. & Son, 71 Champlain
Skeel Bros., 63 Center
Skeel, Geo. F., 16 Fayette
Skeel, Joseph, 17 Marble
Slatmyer, Henry G., 130 Lake

Stanley, Norman W., 116 Burton av, Glnvle
Stndeny, Jno., 1575 Central
Sweeney, Pat'k. R., 307 Grand av
Switzer, Geo., 59 Malcolm
Tapp, Thos., 27 Foster av, Glnyle
Tatro, Joseph D., 80 Pear
Thompson, D. W., 23 Elmsdale
Thompson, Walter I., Rose bldg
Thran, Christian D., 24 Norwich
Tiffany, Burritt E., 2150 Dean
†Trattner, Herman 168 Forest
Tyler, Theo. V., 22 Mason
Urban, Michael, 70 Edna
Van Auken, Daniel A., 1955 Lorain
Vanderwerf Co., 30 Vincent
Venning, Josiah, 1345 Wilson av
Vick, Charles H., 34 Pear
Voll, George, 146 Southern av
†Wagner, Jos. M., 58 Edmunds
†Waldeck, Peter, 616 Quincy
Walker, Charles, 198 Wade av
Walkey, Wm. W., 25 Dewey av, Glnvle
Walser, Martin E., 7 Almira
Walters, Frank M., 45 Aberdeen
Walter, Wm., 2166 E Madison av
Warren, Jay B., 131 Champlain
Watterson, Horace A., 25 Outhwaite av
Wells, Charles, 9 Poe av
Wetzig & Schoeppe, 49 Baden av
†Wharton, R. J., 42 W Hudson
White, Frank T., 6 Marion
Wilber, E. Bruce, 30 College
†Wilford, Thos., 2093 Doan
Williams, Henry T., Chamber of Commerce bldg
Wojahn, Gustav, 92 Nora
†Wood, Wm., Jr., 182 Lawn
Yea, D. P., 1111 St. Clair
Young, Martin L., 111 Hough av
Young & Albers, 205 Woodbridge av
Younger & Farmer, 817 Giddings av
Zickuhr, Theo., 558 Burton
Zika, Andrew J., 1455 Rhodes av
Zuckerman, Julins, 128 Linden

CLEVES—†Balsley, Harry
†Balsley, Ralph
Behymer, Adolph
†Camery, Sam'l G.
†Carlin, Francis M.
†Russell, Benj. H.
†Wiggins, Wm. H.

CLYDE—Beamers, J. F.
Howard, A.
Howard, H. M.
Hughes, John
Mohn, S. S.
Sharp, Arthur
Shorts, John
Weeks, John F.

COLLEGE CORNER—†Jones, G. W.
Kauffmann John
†Kauffmann, Andrew
†Kellough, W.

COLLEGE HILL—†Dennis, Burton F.
†Dennis, Lyman M.
†Jones, Sam'l L.
†Simons, Mont
†Smith, Albert L.

COLUMBIANA—Keller, Fred
Snyder, Louls C.

COLUMBUS—Ault & Loose, 943 E Rich
†Bauman, Ernst, Marion av nr Parsons av
†Baumann, Ferdinand, 934 S 3d
†Beckett, E. E., 674 S Ohio av
†Bridge, H. A., 97 N Prospect
†Bues, Frank E., 107 N Washington av
Burkett, D. C., 519 Linwood av
Central Supply & Cons. C., 306 N High
†Coleman, J. H., 57 W. Park av
Edgar, R. A., 84 S Front
Eis and Davis, 34 E Cherry
†Ewers Bros., Vine & Armstrong
†Francis Bros., 225 N 17th
Gallaher, Frank, 111 Cypress av
†Gifford, H. C., 223 W Goodale
†Good, Jacob, 562 E Main
Hall, E. M., 455 S Champion av
†Harding, David P., 255 N 19th
Hummell, John G., 846 S 5th
†Knox, William E., 283 N 19th
Kuntz, Jacob E., 5 S High
Leibrand & Son, 1394 S High
McCune, A. J., 1272 S 4th
†McGrath, D. W., Ruggery bldg
†Mathew, A. W., 1156 Falr av
†Miller, P. R., 42 Spruce
†Nichol, F. H., 1153 Neil av
Phillips, W. H., 705 Oakwood av
Pixley, M. M., 325 S 3d
†Powell, J. B., 479 E Long
†Richter, Henry, 711 S Front
Sager, A. C., Town & Belle
†Shanahan, Patk., 857 Penna av
Smiley & Rauney, 34 Spruce
Smith, C. & Son, 40 W Town
Spencer & Son, 244 W 9th av
Stutson, J. W., 642 E Main
†Swartz, W. H., 169 S 3d
†Wright, R. Clark, 80 N High

CONNEAUT—Andrews, C. L. & Son
Darling, O. C. & Son
Miller, W. H.

CORNING—Hearing, D. R.
†Rodgers & Bell

COSHOCTON—Richardson, Henry
†Schrigley, Geo.
Tish, John
Tish, Wm. S.
Williams, E. W.
Williams, S. M.

CREEDVILLE—†Glassmyer, Jno. H.
†Gutzwiller, Albert
†Wire, Chas.

CRESTLINE—Bauer, J. F.
Poffenbaugh & Bauer

CROTON—Franks, John
Franks, Tod
Gallogly, F.
Hale, Daniel

CUYAHOGA FALLS—†Bates, A. R. & Co.
†Deeds, R. & Son
†Falls Lumber Co. (Large)
†Howe & Co.
†Schnabel, Edw. P.
†Stoll, Fred'k
†Walsh Milling Co.

CYGNET—Robertson, R.

DARRTOWN—Kendall, Richard
Teague, Davld

DAYTON—Anderson, Chas., Mumma Lane nr Ludlow
Arnold, Benj. F., 1133 W 3d
†Artz, Jasper E., 40 S High
†Bernholzer, Nicholas H., 211 S McClure
Bonner, J. M., 24 E Bradford
Brannon, Wm. A., 602 N Linwood (Linden)
†Butt, Regnal R., 119 E Cass
†Connolly, Wm. F., 541 E Wyoming
Crusoe, F. W., 133 S Morton av
Davis, John I., 434 S Bank
Deeter, Chas. Wm., 312 E Oak
Dickman, Chas. F., 529 E Hickory
†Ditzel, Henry F., Bickham n Linden av
†Ditzel, John F., 313 E Johnson
†Downing, Wm. H., 31 So Pulaski
Drayer, Edgar J., 336 E Oak
Dubel, N. E., 1238 S Brown
Duibley Chas., 308 W Homestead av
Engle & John, 130 S Martz av
Everhardt, John W., 1107 W Germantown
†Feight, John G., 4th & Hawthorn
Fetzer, Wm. P., 223 S Goodhue
Fravel, Luther, R. S., 203 S B'way
†Fistoe, Elijah B., 239 E Green
†Gallaher, Rollo, 253 S High
†Garst, Hamlin, 246 S Hopeland
Gilbaugh, Geo. A., 1229 Wayne av
Glaser, Geo., 606 E Xenia av
Grant, Jas. K., 26 S Shortline la
Hager, Henry M., 120 S Campbell
Hause, S. E., 102 S Garfield
†Hawker, David, 454 S Garfield
†Highlen & Hahn, 32 N Jefferson
Hodapp, Gustav A., 833 E Xenia av
Hoerner, John N., 233 S McClure
Klinkert, Christian, 1554 S Wayne av
Koontz, A. C. & C. C., 236 S High
†Kramer, Fred J., & Son, 220 W Hartford
Kunz, Christ, 100 E Cass
†Laughlin, Jas., 118 S June
May, C. W., 20 E Locust
†Meredith, Wm. E., 645 W Negley pl
†Meyer, August, 511 S Main
Mitchell, Jas. J., 4 Ohio blk
†Myers, M. D., Alley bet 2d & 3d 2
†Neibert Bros., 358 S Broadway
†Oneth, J. A., 15 S Henry
†Otto, Edmund S., 116 S Boltin
Powell, Lewis S., 427 S Hawthorn
†Prinz, John H., & Son (Large), 142 E Jones
Reid, Jas., & Co., Reibold bldg
Requarth, F. A., Co., Monument & Sears
Robinson Bros., 121 W Hanna la
†Rouzer, John, C. (Large), 73 S Wyandot
Schomasker, Edwd. H., 325 E Jones
†Shiveley, Jno. D., 2111 W 3d
†Shue, Samuel W., 559 S B'way
Simmerman, Jacob, 421 W Homestead av
Smith, D. L., 19 S St Clair
Sterrett, C. P., 212 E Newcom av
†Stokes, Chas. T., 622 W Washington
Suman, Ruben F., 127 S Campbell
Talbott, H. E., & Co., Reibold bldg
Toenges, Fred G., 252 S High
Turvene, Hy., & Son, 557 S B'way
Weaver, Fred T. G., & Son, 612 E May
†Wehner, Jos., 121 W Ziegler
Wirth, Paul, 3d & Canal
Wise, M. F., 1181 W Grand av
Wise & Slorp, 1022 E May
Wolf, John H., 62 E Green
†Zlzert, Jos., 1519 N Main

DECATUR—Gayley, Jos.
Pittinger, Wm.

DEERSVILLE—Adams, D. W.
Scott, Jas.
Spiker, Wm. & Son

DEFIANCE—Baker, P. A. & Bro.
†Decheaux Construction Co.
Fisher, J. O.
McClary, A. G.
McClary, W. S.
Tuttle, Chas. E.

DELAWARE—†Lear, Edw. F.
†Long, Worthington
†McDonald, Jas.
†Miller, C. F.
†Rubrecht, Joel
†Wachter, Isaac

DELHI—†Holtzkemper, Carl H.

DELPHOS—Clime, Jas. H.
Ricker, Herman

DENNISON—†Berton, John
†Greenlees, Jas.
Henderson, John
†McNairy, Samuel
†Roblnson, W. H.

DESHLER—Davls, C. F.
Lytle, D. L.

DRESDEN—Brown, John W.
Crabtree, W. B.
†Fedden, John
†Morris, Jos.
Poorman, John F.

DUDLEY—Blake Bros.
Glidden, C. M.
Rowlands, J. L.

EAST FAIRFIELD—Lodge, H. N.
McAston, Geo. B.
McAston, Jas. D.
Patton, W. W.

EAST LIBERTY—Bushong, Milt
Chamberlain, Koss

EAST LIVERPOOL—†Hall, Robert (Large)
Hall, Robert (Large)
†Kerr Bros.
McClain, J. C.
†McHenry, Harvey
Smith Bros.

EAST MONROE—Leverton, G.

EAST PALESTINE—†Hofmeister, J. C.

EDISON—Ewers, A. M.
†Rhinehart, D. M.

EDON—Everhart, E. W.
Luke, Mahlon
Palmer, W. P.

ELBA—Smith, John

ELKTON—Barnett, N. C.
Crawford, Wm.
Morian, M. C.
Reynolds, J. W.

ELMORE—Heigenick, H.
Whitmore, Lee

ELMWOOD PLACE—†Alexander, Wm. A.
†Ammann, Jno.
†Apking, Henry
†Berner, Henry
†Blust, Wm. A.
†Brucker, Jno.
†Bunnemeyer, Henry
†Casper, Meinrad
†Crawford, H. V.
†Denman, Geo. C.
†Hahn, Chas. H.
†Harris, Cbas. W.
†Kern, Jno. W.
†Keune, Fred'k
†King, J. Martin
†Lank, Elhannan
†Long, J. Frank
†Long, J. W.
†Meyer, Jno. H.
†O'Brien, Dennls P.

ELYRIA—Bates, A. & T. J.
†Dickinson, L. A.
Duffy, Wm.
Myers, Philip
†Swope, I. F.

EMERSON—McMillan, G. A.
Philpott, Jos.
Waterman, W. J.

EMPIRE—†Stone's Jas. Son

EVANSTON—†Barlage, Henry
†Brueggemann, Wm. L.
†Cepgar, Thos. G.
†Davies, Abraham
†Filager, Jas. J.
†Ingram, Jno. W.

†Johnson, Jas.
†Lang, Wm. L.
†McLennan, Wm. A.
†Noakes, Arthur L.
†Plump, Gerhard H.
†Rhea, Alfred P.
†Ruby, Jno. J.
†Rump, Arthur R.
†Schneiderbernd, Henry
†Sieving, J. Henry
†Wehrly, Noah W.
†White, Geo.
†White, Thos. C.
†Wilker, Henry J.

FARMERSVILLE—Bason, D.
Bason, L. K.
Snyder, H.

FINDLAY—†Alge Bros.
†Ames, C. O.
†Bender, Felix
†Bolander, A.
†Byal, B. L.
†Cramer, L.
†Duttweiler, F. W.
†Fassett, H. H.
†Folk Bros.
†Helms, A.
†Horne, Geo. J.
†Jumper, W.
†Kiehofer, W.
†Kratt, Geo. & Co.
†McKinley, D. T.
†Macklin, C. H.
†Overhalt, Jno. C.
†Powell, D.
†Schwab, G.
†Seymour, J. S.
†Wietz, Fred'k

FLAT ROCK—Miller, M.

FOREST—Harman, H.
Young, J. W.

FOSTORIA—Barkley, E. L.
†Buessey, Peter
†Kiser, O.
Spencer, R. B.

FRANKLIN—†Roof, Wm. S.

FRAZEYSBURG—†McNaught, D.

FREMONT—†Arnett, Frank O.
†Brinkley, Chas.
†Engler & Kiser
†Foster, Ashiel
†Hague, B. F.
†Rich, S.
†Steinle Bros.
†Swartz, R.
†Steinle Bros. (Large)

GALION—Bilsing, Henry
Byrd, F. L.
Crissinger, E.
Foltz, H. D.
Herr, John
†Jacoby, Jacob
King, John
Maples & Skilbon
†Taylor, A. Co.

GALLIPOLIS—Haptonstal, Jas.
Jacox & Odell
Mullineaux Bros.
†Smeed, Frank
†Sprague, M. K. M. A.

GAMBIER—Fobes, W. R.
Jolley, R.
Woolison, B.

GARDEN—Baker, S. C.
Davies, Thomas
King, William

GENEVA—Bedell, L.
Dorman, C. A.
Hayward, William
Hazelton, Jno.
Stow, David
York, E. L.

GEORGESVILLE—Boyd, Clayborne
Goings, G. W.

GEORGETOWN—Crouch, Jno.
Edwards, Cyrus
Marshall, John G.

GERMANO—Benedict, George
Rilea, John W.
Hilbert, Reuben
Ryder, J. L.
Scott, W. W.

GILLESPIEVILLE—Dobins, W. I.
†Shinault & Dixon
Smith, C. W.
Tracy, J. E.

GILMORE—Berkshire, B. J.
Johnson, J. M.
Johnson, S. W.
Kail, S. M.
Kinsey, B. H.
Kinsey, S.

GIRARD—Fisher, Adams

GLENDALE—Bagley, Jas. M.
†Disser, Geo. T.
†Donovan, Dennis
†Foster, Fred'k C.
†Glaser, Geo. W.
†Gordon, Thomas
†Kloeb, Wm. G.
†Muthert, Chas. Sr.
†Phelan, Patrick
†Schaefer, Henry W.

GRAFTON—Felt, J. B.
Kellogg, C.
Richardson, George
Rogers, L. M.

GRAND RAPIDS—Foor, J. S.
Sterling, Levi

GRANVILLE—Daniels Bros.
Hampshire, Oliver
Huson, Burton
Stine, A. P.

GRATIS—Lesh & Milan
Prugh, A. G.

GRAYSVILLE—Smith, Milton

GRAYTOWN—Carter, J. H. H.
Green, Charles
Helle, Barney
James, Oscar
Meyers, Wm.

GREENFIELD—†Baldwin & Hallam
†Caldwell & Sammie
†Elliott & Wilson
†Henry, Jno.
†Murray, J. M.

GREENFORD—Bush, A. W.
McCline, A. H.
Myers, Jacob
Schroy, Wm.

GREENSPRING—†Bishop, Aaron
†Freese & Stoner

GREENVILLE—†Beck, Jos.
†DeCamp, Sam'l
†Dewyer, Dennis
†Fry, Wm.
†Gardner, M. S.
†Kerr, J. A.
†Neiswonger, A.
†Swope, Marion

GROVE CITY—Grant, A. G.
Neiswander, A.

GROVERHILL—†Gekler, Henry
†McCray & Allen

HAMDEN JUNCTION—Wagner, Henry
Walters, Z.

HAMERSVILLE—Rich, W. W.
Totman, F. M.

HAMILTON—†Arent, M., 111 N. B.
†Bender, J. F. & Bros. Co. (Large), Dayton c Lowell
†Compton, Freeman, 230 Sycamore
†Daugherty Bros., Ludlow, bet 12th & 13th
†Dunwoody, Dan'l
†Eisel Co. (Large)
†King, Jno. H. (Large)
†Lingler, Geo., 161 Washington
†Ross, Jno. L. (Large), 2 W. 10th
†Small, B. F.
Vandegriff, Geo. A.
†Yeagle & Weber, Prospect Hill.

HANOVERTON—Grin, Isaac
Milbourn, T. C. & L.
Sinclair, L

HARRISBURGH—Manning, J. A.
Wood, Edw. T.

HARRISON—Brinkman, L. Edward
†Brinkman, Wm. H. T.
†Calloway, Chas. A.
†Cretz, Chas. E.
†Cretz, Frank
†Long, Jacob C.
†Schneider, Peter
†Siefferman, Geo.
†White, Harvey F.

HARRISVILLE—Mercer, Jacob

HARTFORD—Ford, E. J.
Gilkey, A. S.
Hart, F. C
McDowell, R. J.

HARTWELL—†Gieswein, Adam
†Kerkoff, Bernard
†Kestler, Mich'l
†Rudel, Archibald
†Tudor, David C.
Williamson, Peter S.

HAZLEWOOD—†Dowell, J. M.
†Riele, Wm.

HELENA—Fairbank, J.
Richard, Geo.

HILLSBORO—Hughes, Solomon
Thornburgh, C. A. & Co.
Wright, D F.

HOCKINGPORT—Ruth, C. V.
Stone, D. F.

HOLMESVILLE—Kidd, Wm.
McCullough, E. M.

HOME CITY—†Carter, Joshua
†Magness, Chas. W.

HUBBARD—Arndt, Fred
Hulbert, William
McCutchen, William
Smiler Charles

HUDSON—Lewis, W. W.
Read, Charles P.
Sanford, R. M.

HURON—†Cleveland, Chas. C.
Deo, George
Duncan, H.

INDEPENDENCE—Gondy Bros.
Myers, Jacob, Jr.
Patten, E. H.

IRONTON—†Bashman & Son
†Foster, A. H.
†Hall, Thomas R. (Large)
†Henry, Levi M.
†Morgan, H. C.
Pool, Hardy
†Schwickart & Sons
†Shelton, Chas. L.
†Williams, L.

JACKSON—Jones, C. C.
May, Lysander

JEFFERSON—Andrews, Loomis & Brown
Brown & Miller
Jones, F. C.
Wooley, John

JEFFERSONVILLE—Bragdill, William
Barnhart, L.
Bush, J. B.
Clybourne, James
Duff, W. D.
James, A. C.

JERUSALEM—Phillips, James L.
Wiley, W. F.

JOHNSTOWN—†Hodge, J. B.

KENT—Barber, E. N.
Bodenbaugh, L. E.
Thomas, R. W.

KENTON—†Barlow, Thomas
†Burkart, Jno.
Collier & Robey
†Lambert, S. E.
Madory Bros.
†Scott, John S.

KIRKERSVILLE—†Legg, William & Son

KRUMROY—McChesney, E. A.
McChesney, H. G.
Palmer, William

LAKE FORK—Rush, J. J., Jr.
Sample, A. M.
Spade, John

LAKESIDE—†Byington, L. W.
Capell, F.
Carpenter, R.
Cooper, W. A.
Miller, F.

LAKEWOOD—†Christford, Jas. W.
†French, Albert
†Harris, David J.
†Moore, Jno.

LAMARTINE—Kail, James
Kail, J. T.

LANCASTER—Geiser, Jacob
Getz, W. F.
†Orman, J. B. & Bros.
Sifford & Shultz
†Vorys, J.

LATTASBURGH—Beal, Simon
Hammond, F. M.
Myers, John

LAURELVILLE—Steel, John
Steel, J. S.
Steel, Samuel

LEBANON—Bundy, D. B. & Son
†Burdsal, Wm.
James, O. A.
Luce, Joseph
Montford, John & Samuel
Smith, A. D.
Yeager, Benjamin M.

LEETONIA—Greenamayer, John A.
Greenamayer, T. A.
Harper, James, Sr.
Moyer, Jacob
Myers, Thomas J.

LEROY—Pentz, E. F.
Reynolds, J. P.

LEWISVILLE—Bender, H. J.
Neuhart, Louis
Ullrich, Francis

LIGGETT—Weaver, J. W.
Whitmore, J. W.

LIMA—Chapin, D. D., 512 E Market
†Crum, H. G., 135 W Spring

†Crum, C. E., 142 W Eureka
†Dingeldine, Philip, 617 S Penn
†Duden, W. H., 612 S West
†Evans, Timothy, 214 S Pine
Kemper, E., 423 N West
†Kemper, L. M., 811 Elizabeth
†Kepner, B. H., 253 S Pine
†Kepner, L., 212 W Kibby
†Kepner, T. W., 850 E. High
†Kerr, Geo. S., 769 W Wayne
†Kiplinger, D. E., 613 Worth
†Kiplinger, Wm. S., 327 W Kibby
†Markel Co.
†McKibben, W. M., 906 Bellefontaine
McKinney, Jas. M., 724 W North
†Neubretch, J. S., 408 S Pine
Ruhlen & Miller, 122 E Wayne
†Smith, S. A., 661 W Spring
Smith & Sherrick, W., 161 E Eureka

LINDSEY—Mosier, Samuel
Murray, George
Meyer, G. H.

LISBON—†Baker & Tritt
†Livingston, R. G.
†Morrison, John R.
Sloan, James
†Sloan & Adams
Wallace & Tracy

LOCK—Cornell, J.
Morehead, John
†Spitzner, H.

LOCKLAND—Cavett, Larkin B.
Cox, John
†Davis, Chas. W.
†Dohme, August
Ellis Warren W.
Mace, Robert C.

LODI—Turner, H. C.

LOGAN—†Price, Aaron
†Risley, D. M.
Risley & Blosser
Strentz, J. W.

LONDON—Benham, J. H.
Cloud, Thomas
†Core & Culp
Davidson, Harley
Holt, Charles
Legg, John
Lenhart, Henry
McClintock, Frank
†Self, James

LONG BOTTOM—Caldwell, G. H.
Hanley, J. R.

LORAIN—†Demmer, A. A.
Kipp, John
†Myers, J. A. C.
Pierce, F. W.
Weitzel, Louis

LOTTRIDGE—†Dixon, A. & Co.

LOVELAND—†Breehne, Chas.
†Donley, Jno. W.
†Ertel, Oscar

LOWELLVILLE—Hellger, Lewis

LUDLOW—Jay, E. A.
Thompson, W. C.

LYNX—Burr, Clinton
Easter, Jas. A.

M'ARTHUR—Thorpe & Kennard
Ullom & Clemens

M'CONNELSVILLE—Drake, James
Harlan, B. H.
McGrath & Humphrey

MADISON—†Fisher, Frank
Fuller, S. M.

MADISONVILLE—Brenner, Jacob
†Carson, Wm. J.
Cornish, Jos.
†Cumming, Alonzo H.
Deem, Calvin M.
†Fischer, Albert
Fischer, August
Fischer, Frank J.
†Gehlert, Jno. C.
Gomlen, Wm N.
†Grosse, Edw. C.
†Haas, Robt.
†Hunt, James M.
†Kopper, Morris L.
Miller, Geo. J.
†Leming, Wm.
†Louther, Robt. W.
†Low, Wm. T.
†Magill, Jacob N.
†Patten, Edw.
†Putz, Edw. J.
†Sabin, Jas.
†Shawver, Oscar A.
†Shawver, W. Harvey
†Ware, D. Wm.
Wellman, Hy.
Wilson, W. H.
Work, Wm. C.

MALTA—Gillespie, Oscar
Holcomb & Son
Humphrey, A. G.
McGrath & Humphrey

MANCHESTER—Hines, Frank

MANSFIELD—†Berry, Charles (Large)
†Bloor, T. G.
†Hursh, Frank
†Hursh, Joseph
†Mowry, Sam'l (Large)
†Roose, Jacob
†Small, Simon (Large)
†Stevick, C.
†Webber, Frank D. (Large)
†Wolff, Jacob

MANTUA STATION—†Keyse, A. M.
Plum, D. A.

MARCY—Friedley, Peter

MARIETTA—†Boescher, Jacob
†Brabham, W. & Son
†Cochlan, Pierce & Co.
†Hanna, John
†Hovey, J. H.
†McCoy, W. W.

MARION—†Apt, Jacob (Large)
Bader Bros.
Baldauf, John
Davidson, George
Showers, Jno. W.
†Sloan, J. J.
Stafford, Wm.
†Ullon & Clemens
Warrick, J. A.

MARSHFIELD—Nickels, Harvey
Nickels, John

MARTIN'S FERRY—Boyd & Moore
Moore, C. C.
Newland, Isaac

MARTINSVILLE—†Puckett, J. B.

MARYSVILLE—Amarine, Samuel
Ousler & Son
Sharer & Sons

MASSILION—†Curley, George W., 358 S Erie
†Evans, R. H. & Co. (Large)
†Gise, Lewis W., 212 E Main
†Koontz, F. L., 21 Wash'n av
†Laviers, Thomas, 85 Henry
Rhine, P., 144 Wellman
Schrock, G. W., 8 W Tremont
Shrock, W. F., 85 Green
Smith, A. W., 43 Locust

MAXIMO—†Gulling Bros.

MECHANICSBURG—Bates, T. M.
Buffington, Geo. W.
Byers, George

MEDINA—Clement, W. A.
Curtiss & Brown
Fretz, Levi
Goodwin, Hiram
†Gruninger, G. F.
Levett & Waters
Smith, Albert

MELMORE—Brooks, S.
Chamberlin, J.
Herbst, E.
Pitman, H. C.

MENDON—Rager, J. W.
Werts, Peter

MESOPOTAMIA—Rigle, F. S.
Wanzer, R. D.
†White, A. T.

MIAMI—Chambers, I. V.
Taylor, William

MIAMISBURG—Cotterman Bros.
Groby, D.
Plocher, John
Reedy, P. M.
Spangler, J. B.
Weaver, Joseph

MIDDLEBOURNE—Henry, John W.
Spear, William R.

MIDDLEPOINT—Clark, John M.
Estel, E. A.
Goodwin, E.
Woolary, H.

MIDDLEPORT—Riddle, Peter
Russell & Russell
Sanders, Hod.
Webb, S. D. & Son

MIDDLETOWN — †Caldwell & Iseminger (Large)
†Denny & Simpson
†Kemp, F. M., & Sons
†Shafer, Jno., Heno

MILLERSBURG—†Findlay, Adams & Co.
†Schlop & Close

MILTONSBURGH—Haren, George
Menkel, H. L.

MINERAL CITY—Davis, W. L.
Sattler, C. E.

MINERVA—Meyers, J.
†Starkey, Jno.

MINGO JUNCTION—Risher & Dean

MINSTER—Hogenkamp, B.
Knostman & Feldman

MONTGOMERY—†Bull, Jno.
†Cameron, I. D.
†Gruber, Wm.
†Ready, D. P.
Snyder, R. P.

MONTRA—Ambos, Jacob, Jr.
Staley, J. P.

MOONS—Adams, Jno.
Johnson, J. H.
Waln, B. M.

MORGANSVILLE—Guckley, S. A. & J. C.

MORRISTOWN—Tracy & Bowles

MT. CARMEL—Cross, E.
Phillips, J. D.
Rose, J. L.

MT. GILEAD—†Mt. Gilead Building Co.
Purcell & Miller

MT. HEALTHY—Holle, Hy. J.
†Holliday, Chas.
Williamson, Frank

MT. LIBERTY—Hawkins, Joseph
Mastellar, W. H.
Tucker, J.

MT. PERRY—Sniff, John W.

MT. PLEASANT—†Bennett, J. M.
†Coleman, Jas.
†Harbourt, Benj.
†Mitchell, Thos. F.

MT. VERNON—†Bounds, W. A.
Cochran, W. H.
†Fowler Bros.
Mitchell, Charles

MT. WASHINGTON—†Boswell, Jno.
†Gloeckner, Aloysius
†Hartman, Jacob
†Hartman, Wilbur
†Meyer, Morris
†Seniour, Thos. M.
†West, Frank
†White, Jos. W.

NEWARK—†Dyell, Jno.
†Farmer Bros.
†Jones, B. B.
†Kammerer, Chris.
†Kneupler, George G.
†Linn, James C.
†Shauck, Edgar A. (Large)
Taylor, D. J.
†Wilcox, Alva W.
†Woolway, Samuel

NEW BERLIN—Snyder, W. H., & Co.

NEW BREMEN—Brinkmeyer, W.
†Heinfeld, Herman
Heseker, Henry
Kuck, Henry

NEWCOMERSTOWN—Benton & Baxter

NEW KNOXVILLE—Hall, Adam
†Lutterbein & Kattman
Meyers, John
†Schneppe, Fred

NEW LEBANON—†Shaner, John

NEW LEXINGTON—McGerr, S.
Strosnider, Thomas

NEW PARIS—Kirkpatrick, Wm.
†White, Robt. F.

NEW PHILADELPHIA—Kinseley Bros.
†New Philadelphia Lumber Co.
†Nagley & Son

NEW RICHLAND—Fischer, C. C.
†Gebley, J. R.

NEW RICHMOND—Hulshult, Wm.
†Watson & Crawford

NEW RIEGEL—†Wangler, Anthony

NEW RUMLEY—Maxwell, S. A.

NEW RUMLEY—Maxwell, S. A.
Maxwell, W. E.
Schultz, George W.

NEWTON FALLS—Everett, J. C.
Hollister, J.

NEWTONSVILLE——Clemons, R. F.

NEWTONSVILLE—Clemons, R. F.
Work, J. P.

NEW VIENNA—Bowers, G. F.
Duncan & Hines
Hildebrand, T. E.

NEW WINCHESTER—Fink Bros.

NILES—†Edwards Bros.
†Naylor, Wm.
†Niles Lumber Co.
†Rose, J. W.
†Thomas, W. F.
†Wagstaff, E.

NORRISTOWN—Toalston, Joseph

NORTH HAMPTON—Haulman, J. R.
Otewalt & Rust

NORTH SOLON—Carl, Philip
Harper, Jas.
Harper, R.

Thomas, C.
†Tichtworth, Geo.
NORWALK—†Bragdon, F. M.
†Carpenter, W. G.
Cazeau, C. C.
Chaffee, J. M.
†Crosby, Jonas M.
†Lester, F. M.
†McGuckin, Jas.
Sigourney, A.
†States, Geo. W.
NORWOOD—†Amos, Harry
†Bennett, Wm.
Best, Albert E.
Butler, Jno. F.
†Hadley, N. B.
†Hambly, George E.
Kleine, F. W.
†Leimann, F. G.
Rottman, Herman
Rohling, Henry A.
†Stockman, Valentine
†Simpkinson, Wm. H.
†Wiggins, C. G.
†Williamson, M. M.
OAKLEY—†Bauer, Chas. E.
†Homeister, Wm.
†Kroose, Jno. H.
†Lester, Wm. N.
†Schuyler, Geo. N.
†Westerbeig, G. H.
OBERLIN—Edwin, J. C.
Glenn, C. H.
Hopkinson, C. C.
Squire, I. E.
OKEANA—Black, W. H.
Brown, H. W.
Sizelove, G. W.
ONTARIO—†Jolly, Chas.
†Penhallow, Albert
†Wolff, C. A.
OREGONIA—Allen, Amos
Gill, T. H.
Sherwood, Thos.
Young, John W.
ORRVILLE—Bissell, Wm. & Son
OTWAY—King James M.
Oursler, Jas. A.
OZARK—Pugh, A. & Son
PAINESVILLE—Brakeman, R.
Havnar, Samuel
†Larue, R.
Stocking, C.
Wilcox, C.
PATASKALA—†Brooks, Henry
PATTERSON—†Jackson Bros.
PAULDING—Bashore, A. F.
Berry, W. D.
Kirk, E. B.
Ludwick, Edward
PAYNE—Warner Bros.
PEMBERTON—Spencer, Ezra
PERRYTON—Martin, I. D.
PIEDMONT—†Corban, Jno., & Son
†Corbin Bros.
†Moore, J. H.
†Rowland, G. W.
†Sears, J. J.
PIQUA—Barnett, C. C.
Biser, C. D.
†Fry, A. M.
†Gertner & Fergus
†Irwin, Albert
Linn, E. A.
†North & Hirmesbright
†Rengle, Clements
Richardson & Son
PLAIN CITY—Beach, Amos
Bigelow, Daniel C.
Morse, J. D.
Riley, Wm.
PLAINFIELD—†Baker, R. L.
Derr, Andred
PLEASANT RIDGE—Acomb, George H.
Acomb, William C.
†Auten, J. C.
†Cliver, Silas V.
Ferguson, A. C.
Hill, H. D.
PLYMOUTH—Hornbeck, D.
Saviers, Henry
POMEROY—Arnold, N. W.
Baber, F. W.
†Bauer, Geo.
†Genheimer, John
PORT CLINTON—†Bertsch, Edward
†Petersen, H.
†Tadsen, M.
†Thorne, James E.
PORTSMOUTH—Appler & Reeg.
Baker, Robert
Burch & Hagaman
Gilson, J. B.
Johnston, Thomas H.
†Kepper, F. R.
Mead, Isaac F.
Pattin, William S.
Simpson, James
Thompson, George W.
Ullrick, Loderick
Williams, John M.
POTSDAM—Baer, Nathan
Minnich, Adam
PRICETOWN—Abrahams, A. C.
Faris, Levi
RANDOLPH—Davis, D. B.
Fenton, C. H.
RAVENNA—†Frank, P. L.
†Dole, J. G., & Son
†Loomis Bros.
Shaw, J. J.
READING—Engel, Louis P.
†Feldhaus, Jno. J.
Schneider, George
REINERSVILLE—Brill, W. H.
Gilliland, J. M.
RICHMOND—Stewart, H.
Stewart, H. M.
RICHMOND DALE—Morton, J. W.
†Wetter, George
RIO GRANDE—Brandyberry, W. W.
Brandyberry, William
Roach, W. W.
Swanson, D. A.
RIPLEY—Collins & Bartholomew
Creekbaum, T. J.
Sutherland, William
RISING SUN—Day, E. F.
ROCKY RIDGE—Blacky & Neimeister
ROOTSTOWN—Bradshaw, J. H.
Hallock Bros.
ROSCOE—Gross, Potter
Waddell, Samuel
ROSEVILLE—†Baker, William H.
ROUNDHEAD—Baughman, Charles
†Cordery, F. C.
RUSHSYLVANIA—Kramer, John
Oder, W. J.
Taylor, John
RUSSELLVILLE—Lornunda, John L.
Prine, Thomas
Shotwell, John
ST. BERNARD—†Gohmann, Henry
Riehle, Aug.
†Russell, Simeon B.
†Schmidt, Herman
ST. JOHN'S—Darst, Jacob
Northrup, James
ST. PARIS—Barley, C. N.
Pond, E. A.
SALEM—†Bolan, Jonathan
†Farr, M. E.
Moore, J. C.
Morlan, Joseph
Seeds, Guy
†Stratton, Lewis
SALINEVILLE—Falcon, William
Turss, William H.
SANDUSKY—Biehl, C. N., 106 Plum
Biehl, H. J., 909 Hancock
†Biehl, Jacob, & Son
Bier, John G., 1006 Hancock
†Callan, M. J., 915 Wayne
†Doerzbach, Geo. W.
†Feick, Geo. & Co., Central av
Fettel, August G., 730 Central av
O'Donnell, A. G.
†Pye, Jacob
Smith, John H., 718 Sycamore Line
Webber, John P., 802 Central av
Weichel & Hegemer, 226 Lindsey
Weidmann & Hegemer, 226 Lindsley
Zorbach, L., 311 Stone
SARDINIA—Collins, C.
Holmes, C.
SCOTT—Cheeseman, William
SEBASTIAN—Borgert, B.
Borgert, H.
Sginck, John
Unrast, B.
SHARONVILLE—†Heffner, L. W.
†Hudson, Jno.
†Sotcher, Firman S.
Townsend, William B.
†Van Hise, Benj. F.
SHELBY—Baker, O. M.
Bushey, J. A.
Hafer, John
Williams & Beaver
SIDNEY—†Altenbach, Jos. & Son
†Bemus & Krumine
†Schneider, George
†Smeltzer, Reuben
SILVERTON—†Kessner, Frank
†Pflanz, Philip
†Schmidt, Philip
†Shoemaker, Andrew J.
†Speyer, Louis
SOUTH SALEM—Bell, Samuel
Holloway, J. C.
Hamilton, S. J.
Kingery, J. L.
Kingery, J. M.
Mowbray, W. W.
Robbins, O. C.
SPRINGDALE—†Butler, Richard
†Denman, Frank P.
†Sharp, Madison C.
SPRINGFIELD—Arbogast, J. O., 40 Franklin
Aborgast, Wm. A., 141 S Yellow Spgs
Athy, Raymond W., Limestone & Leffel la
†Bartholomew, O. N., cor Cliff & Cedar
Berry, E. W., 53 Fisher
†Booth, Jas. W., 42 Euclid av
†Clark, S. G., & Sons, 78 W Main
Copenhaver, Ruben, 325 E Main
Curtis, Jno. C., 73 Vine
Dalie, J. H., North c Spring
Frock, W. H., 242 Dibert av
Gladfelter, Ryburn R., 296 W North
Harris, Geo. H., 30 W Perrin av
Hatfield, Wm., 65 E Ward
Hern, W. J., 674 S Limestone
Hollenback, Boyd U., 74 Scott
Lannon, John, & Son, 242 Pearl
Leffel, S. D., 155 Rice
Messer & Short, 66 Dibert av
Miller, C. N., 30 W Jefferson
Numberger, Wm. F., 418 Lagonda av
Parke, Jno. N., 17 N Mechanic
Poole, Wm., 77 W Pleasant
Poss, Anthony, Limestone & May
Rabey, A. P., 173 Chestnut av
†Rankin, Dennis, Primrose al
†Rapp, Chas., 175 N Yellow Sps
Rapp, Louis, 175 N Yellow Sps
Rayner, T. S., 398 Cedar
Russell Bros., 351 N Limestone
Seiver, Wm. R., 99 S Western av
Walker & Fryant, 263 Dibert av
†Wallingsford, W. E., 235 S Center
Wilbirt & Reeder, Grape al n Main
Yonker, Henry, 110 W Main
SPRING VALLEY—Goetrell, Thomas
Reeves, John J.
Stanley, Frank
STEUBENVILLE—†Burke, Thos.
Hill, J. E.
†McDowell, W., & Son
†McFeeley Bros.
†Mulcahy & Fitzsimmons
†Nicholson, Ed.
†Shane, J. A., 302 Logan
†Still, Jno. R.
†Yocum, C. M.
STEWART—Dye, E. S.
Hess, James
STOCKPORT—Allard, John
Phillips, William
STRONGSVILLE—Bartlett, J. J.
Howe & Bedford
SYLVANIA—Fletcher, Wm. C.
TALLMADGE—†Alling, W.
TAPPAN—Cox, W. S.
Davis, E. W.
Hilton, J. H. T.
TAYLORSVILLE—Boyd, William
Osborn, A. J.
THOMPSON—Palmer, H. B.
Stocking, A. M.
THURSTON—†Bope, W. W.
TIFFIN—Baker, Chas.
†King, Jno. E.
†Morcher, Frank
Rodgers, L. W.
†Sheely, Jacob W.
TIPPECANOE City—Taylor, J. H.
†Tipp Bldg. & Mfg. Co.
Trupp, C. & Co.
TOLEDO—Ankenbrandt, John, 2825 Fulton
†Arnsman, J. H., 2454 Fulton
Bender, Gottfried, 2402 Walnut
†Bener, Henry, 661 Hamilton
Bentley, A. & Sons, Spitzer Arcade
†Bright, Wm. W., 2030 Adams
†Bruner, Fredk. A., 3224 Glenwood av
†Bucholz, August, 826 Forrer
†Burnap & Burnap, 603 The Nasby
†Hauser, Martin, 412 Huron
†Heidtmann, Wm., 1949 Chase
†Hight, Wm. G., 3167 Detroit
†Holtz, Jos., 944 Western
†Johns, Jno., 915 Monroe
Johnson Bros., 1579 Catawba av
†Kenson, A. H., 664 Norwood av
Kiebler, Geo. J., 640 Hicks
†Kinker, Gerhard, 325 Field av

Lee, D. W., 2424 Auburn av
Lee, J. W., 120 Huron
Lighthiser, George, 3182 Glenwood av
Lux, Frank A., 2202 Erie
McKinney, Thos. & Son, The Nasby
†May, Martin D., 1529 Missouri
†Mcinka, Chas. A., 2474 Putnam
†Mellish, J. B., 119 Winthrop
Miller, John N., 1805 Wakeman
Murray, L. H., 383 Wisconsin
Musson, E. A., 1033 Ontario
†Nichols, Geo. W., 2118 Lawrence av
†Nobles, Anson, 2033 Chase
Prentice, W. H., 360 W Central av
†Rosenstretter, Rudolph B., 2448 Putnam
Roshong, F. C., 2333 Malcwood av
†Rothbart, Malte., 912 Nebraska av
†Stahl, F. R., 659 Norwood av
†Stone, John J., 2220 Franklin av
†Strauss, Philip C., 36 S Michigan
Taylor, William H., 1543 Macomber
Taylor & Northcott, 1013 Monroe
†Terwilliger, Chas. H., 810 Monroe
Trippensee, Gustav, 2806 Stickney av
†Valentine, C. D., 2256 Jerome
†Van Etten, John W., 643 Oakwood av
Voss, E. H., 2227 Summit av
Whitney & Gayhart, The Spitzer
Wisner & Webb, 1002 Adams

TORONTO—Blackburn, Joseph H.
†Goodlin & Johnson
Melcalf, Cooper & Goodwin
Myers & McFerren

TROY—Lind, Samuel
†Pearson, Willis A.

UPPER SANDUSKY—Cress, Charles
†Hamm, J. H.
†McEldowey, Geo.
†Mease, Jno.
†Read, W.
Read, Willard
Schenfler & Richards

URBANA—†Acker, A. K.
†Benn, Wm.
Benson, John
†Krider, J. C.
McCray, A. C.
†Norton, O. W.
Stewart, W. L.

URICHSVILLE—†Hilton, Hunt & Van Vleck
†Parks, N. H.
†Romig, P. A.
†Taylor, Henry

UTICA—Sinsabaugh & McConnell

WABASH—Londenback Bros.

WARREN—Boyes, George E.
†Coe, Thos. R.
Harwood, Henry
Long, Zachariah
Rarick & Hillman
†Rowe, Wm. F.
†Sidells, Bryan T.
†Truesdell, John H.
White, A. P.

WAUSEON—†Palmer, M. T. & J. C.

WAVERLY—Downing, O. P.
Hoeflinger, George
Rheinfrank & Breitenbach

WAYNESBURG—Edleman, R.
Myers, A. J.

WELLINGTON—Black, Sumner
Gosling, E.

WELLSTON—†Ohio Building Co.

WELLSVILLE—Grant, J.
Lichtenberger, A.
Louray, E.
McCann, James
†Murdock, G. F.

WEST CAIRO—Brenneman, D. D.
Shearer, Jonas
Solomon, Jonas

WEST CHESTER—Cummins, J.
Miller, S. C. & Son
Wrieden, H.

WEST LEIPSIC—Burckholder, George
Eckenroad, Frank
Meiser, W. H.

WEST LIBERTY—Jordan, Isaac N.
Reams, J. F.

WEST MILL GROVE—McRill, A. C.
Ort, Thomas
Rumbaugh, John
Sweet & Lee

WEST UNION—Biely, Samuel
Holmes, Fathan
Robuck, O. C.

WILLIAMSPORT—Compton, Milton
Howard, Richard
Johnson, J. M.

WILLOUGHBY—Brown, C. R.
Rassiter, William

WILLOW WOOD—Hockenberry, Wallace
Wullenbelt, William

WILMINGTON—†Baker, Chafin
†Hazard Bros.
†Ludlum, William
†Vance, John P.

WINEBURG—Kaufman, Jacob
Stilgenbauer, N.

WINKLE—Walker, H. & Son

WINTON PLACE—†Best, Richard P.
†Crane, Amos
†Hembrock, Wm. H.
†Smith, Frank W.

WITHAMSVILLE—Durham, Daniel
Fisher, W. S.
Morris, James E.
Whittaker, William T.

WOOSTER—†Ames, Samuel
†Dencke & Feyhtner
Kuehn, William
†McClure & Smith
Miller, James F.
Myers & Long
†Shepperd & Wilo
†Snyder, M. L.
†Stence & Myers

WYANDOT—Brandt, J.
Gelbaugh, C.

WYOMING—†Brown, Henry S.
†Carmack, Richard
†Schuberth, Chas. F.
†Schuberth, Wm.

XENIA—'Collins, A. C.
†Dice, J. W.
†McCurren & Son
†Owens, H. W.
Owens, T. C.
†Thornhill Bros.

YOUNGSTOWN—†Boak, G. S., 22 Delason av
Dingledy, Geo. H. (Est.), 17 Basin
†Douglass, J., & Co., 116 S Champion
†Fiehler, August D., 1513 Hill
†Frolund, M. W., c Market & E Woodland av
†Heller Bros. Co., 244 S Phelps
†Hoffman, Fredk., 28 Mill
†Hood, Beard & Co., 20 Decker
†Mattix, C. K., 219 Market
Mauser, Christ., & Son, 25 N Walnut
†Nuber, F. P., Wiseman
†People's Lumber Co.
†Schcetz Bros., 121 N West av
†Sinclair, R. H., 945 Shehy
Tibbitts, B. C., 1628 Edgewood av

ZANESVILLE—†Bluthart, John L., 145 Marietta
†Clements, W. A., 1064 Linden av
†Evans, R. H., & Co., 622 Main
†Evans, R. J., & Sons, 622 Main
†Fouts, G. E., 1325 Moxahala
†Frazier, Wm. S., 247 Ridge
†Handshy, W. C., 248 Ridge
†Israel, F. L., 451 Moxahala
†Linn, J. W., 32 Hall
†Lorimer, W. A., 55 Main
†Mast, Emanuel E., Green av
†Moorehead, J. R., Luck rd
†Pettit, P. M., 34 Branch
†Redman, A. B., 19 Hall
†Shainholtz & Halstead, 945 Putnam
†Vinsel Co., Brighton boul

ZIMMERMAN—Engle, John
Gruber, E.
Harshman, W.
Lautz, G.,
Macher, E.

OKLAHOMA TER.

ALVARETTA—†Dillon, B. D.

BLACKWELL—†Chambers & Million

BLOOMINGTON—†Barnes, E. F.

CLIFTON—†Williams, A. S.

CORDELL—†Poldoruf, H.

CRESCENT—†Fisher, H.

DENT—†Withrey, J. G.

EL RENO—†Buse, F. A.
Godfrey & Postlewaite
†Hennessey & Kane
Riley, W. H.
Skinner, E. J.

ENID—†Miller & Loudon

ERWIN—†Small, A. D.

FILSON—†Dwyer, John

FORT SILL—†Lister, James

GUTHRIE—†Brickner, J. T.
†Kennedy & Cotton

HENNESSEY—†Renshaw Bros.

KINGFISHER—Morley, George
†Wells & Ash

LAMONT—†Kearns, J. A.
†Rosewell, A. C.

LEXINGTON—†Kershaw & Petrie

MANGUM—†Stubbs, C. A.

NEWKIRK—Edmond, J. G.
†Tubs, M. M.
†Wilson, H. T.

NORMAN—McCoy & Bethune
Manire, M. E.

OKLAHOMA—†Krueger, Robert
†Lee, L. F.
†Lillard, B. C.
†O'Keefe, T.
†Rawles & Bailey
†St. Clair, W. M.
†Stone, L. C.

PARTRIDGE—†Hostetter, W. J.

PAWNEE—†Veatch, Capt. H.

POND CREEK—Ross, D. B.
Vetter, Wm.

RED MOON—†Hand, U. S.

SHAWNEE—†Dexter, E. S.
White, W. C.

THOMAS—†Nichols, A. B.

TONKAWA—Cox, George
†Mize, Al

YUKON—†Boling, H. N.

OREGON.

ALBANY—Conn, I. F.
†Kelley, W. F.
†McChesney, John
†Tocker & Kropp
†Shell, D. C.
Vunk, R. B.

ALSEA—†Tom, D. R.

AMITY—†Gilbaugh, J. W.

ARLINGTON—†Hall, F. M.
†Peterson, I. C.
†Veig, Nels

ASHLAND—†Cole, G. W.
†Cardell, W. A.
†Glenn, D. L.
†Goff, E. W.
†Payne, A. S.
†Penter, W. H.
†Swank, M. E.
†Veighte, C. H.
†Weeks, H. P.

ASTORIA—†Ferguson & Houston (Large)
†Hartwig, Ludwig
McPharlan, Anthony
Miller, William
Nylund, John
Palmberg, C. G.
Surpenant, J. W.

ATHENA—Eckert, John
Hansell, G. W.
Jacobs, W. W.
Price, A. R.

AUMSVILLE—Bleakney, Lewis
Crum, William
Everett, Lewis

AURORA—Kraus, Henry
Voght, Henry

BAKER CITY—Angell, C. E.
Dupuis, Charles
Grant & Haynes
Haggart & Hughes
Myers, Arnold
Sparks, R. R.
White, J. C.
White, M. P.

BALLSTON—Ackley, David
Chapman, Edwin

BANDON—Langhead, J. A.
†Logie, Peter
Topping, O. F.

BEAVERTON—Fenton, Henry
Hocken, W. O.

BONANZA—Campbell, A. R.
Patterson, S. H.

BROWNSVILLE—Cushman, D. C.

BURNS—Harris, T. D.
Sweitzer, John
Worthington, A. C.

CARLTON—Kelsey Bros.

CENTRAL POINT—Sims & Karney

CHITWOOD—Chitwood, D. J.
Foster, H. N.
Pepin, L. F.

COQUILLE—Balch, Albert
Bennett, J. D.
Cecil, J. H.
Collier, H. J.
Goodman, W. A.
Krewson, Thomas
Lukins, Andrew
Morgan, L. H.
Sackett, J. A.

CORNELIUS—Contrue, Alex
Goodin, Wm. A.
CORVALLIS—Heckert, W. O.
McFadden, S. G.
Peterson, A. F.
CRESWELL—Hunter, H. C.
Scott, Levy
DALLAS—Campbell, A. E.
Campbell, J. M.
Francis, O. L.
Grant, G. O.
Grant, William
Hubbard, D. L.
Hubbard, John
McKinley, John
Morrison, F. H.
Riley, D. J.
Shultz, A.
DAYTON—Little, George
DENMARK—Clever & Sydrum
Corkhill, Joseph
Malchorn, Samuel
DUFUR—Reichiin, F. A.
Templer, W. A. B.
Whipple, W. H.
Wright, W. J.
ECHO—Cockett, Frank
Donaldson, R. G. H.
Gates, E. S.
ELGIN—Boyd, Thomas
Harris, E. L.
Henderson, James
Sisson, Samuel
ELKTON—Baldwin, E. H.
Benedict, Mr.
Roberts, J. S.
ENTERPRISE—Akin, A. H.
†Burleigh & Johnson (Planing Mid)
Goodman, Miles
Wagoner, Jacob
EUGENE—Anderson, W. H.
Eddy, John
Roney, Nelson L.
Somers & Alley
FALLS CITY—Raymond & Moyer
Teal, J. B.
FOSSIL—Halsey, C.
Morrow, James
Parker, Charles
Wallace, John
Watson, F. P.
GALE'S CREEK—Clapsham, Samuel
Veach, A. J.
GARDINER—Butler, J. H.
Hutchins, J. B.
GERVAIS—McNeill, A.
Schrieber, Joseph
Weiss, John
Werle, Frank
GOLD BEACH—Macy, John
Wolf, H. H.
GOSHEN—Berkshire, D. F.
Dillard, W. W.
Hutchinson, H.
Wilhelm, Wilson
GRANT'S PASS—Chapman, Z. H.
Hammond, W. H.
Hubbard & Freed
Pitzer, Charles
Telfard, H. C.
HALFWAY—Denney & Leep
Grubb, H. H.
HALSEY—Allingham, W. H.
Morgan, F. M.
HAMILTON—Baker, George
Bingham, S. M.
Frink, A. C.
HARNEY—Emgel, P. E.
George, Adam
Kirkland, C. C.
HARRISBURG—Butler & Scott
Canter, M. W.
HEPPNER—Emmett, William
Jones, L. O. E.
Jones, T. J.
Lord, G. W.
Rogers, Frank
Yeager, James
HIGHLAND—Kirk, T. J.
Likewise, A.
Olsen, P.
HILLSBORO—McGrunder, John
Malone, R. D.
Moore, W. E.
HILLSDALE—Johnson, W. L.
McCarkle, W. S.
Schwartman, C.
HOOD RIVER—Foster & Stranahan
Langille & Stranahan
HUBBARD—Disbrow, J. D.
Jordan, Albert
Jordan, J. R.
Kurtz, C.
HUNTINGDON—Bruen, J. J.
Post, T. M.
Simons, Ralph
INDEPENDENCE—Ferguson, W. S.
Kennedy, Jasper
Quimby, C. F.
Richardson Bros.
ISLAND CITY—Goodnough, C. D.
Harrison, M. A.
Scranton, J. S.
Smith, J. O.
Voswinkler, Oswall
JASPER—Bush, J. A.
Conant, C. S.
JEFFERSON—Caldwell, M. G.
Dugan, G. M.
Hawk, A. M.
Shoemaker, J.
JOSEPH—Donnelly, Patrick
Hays, John
Stanley, J. J.
Wells, H. B.
JUNCTION CITY—Crawford, James
Sherman, W. H.
KLAMATH FALLS—†Goeller, G. F.
LAFAYETTE—Lewis, G. E.
Moore, George
Shaw, W. P.
LA GRANDE—Cavana, H. S.
Hughey, Thomas
Souder, S. J.
LAKEVIEW—Clark, W. E.
Foliett, G. A.
Handley, J. M.
Hazelton, Harry
Lessing, A.
LEBANON—Banta, John
Boyle, J. G.
Bryant, Z. T.
Crisp, B. H.
Crouch, B.
Harden, W. E.
Longsberry, M.
Marks, Alvin
Williams, Alvin
Wilson, Harry
LEXINGTON—Carr, E. T.
Davis, W. T.
Leach, Alva
M'MINVILLE—Arthur, W. C.
Gault, J. W.
Schenck, H.
MACLEAY—Bosler, J. S.
Hurst, Wm.
MEDFORD—Bashford, G. W.
Skell, C. W. & Son
Wood, H. F.
MEDICAL SPRINGS—Bowman, Henry
Goble Bros.
MEHAMA—Eskew, M. L.
Krise, V.
Selles, J. J.
MILL CITY—Hoeye, D. F.
Tanner, William
MILTON—Banister, Willis
Phelps, D. J.
Williams, B. F. & Co.
MILWAUKEE—Schmalle, Theodore
Tschaner, S. T.
MONMOUTH—Barzee, F. S.
Boothby, R. T.
Dicus, J. P.
Haley, Max
Quimby, O. A.
MONTAVILLA—Bain, H. C.
Blackburn, J. E.
Coles, J. W.
Downing, W. H.
Higgins, J. W.
Thompkins, W. A.
MOUNTAIN DALE—Birge, O. W.
Fowles, T. A.
Shorey, Charles
MT. ANGEL—Kneib, H. F.
Palmer, Thomas
MT. TABOR—Brown, Alex.
Campbell, W. J.
Riner, J. W.
Schelhammer, T. B.
Teller, Anton
MYRTLE CREEK—Oatman, H.
Wiley, Wm.
MYRTLE POINT—Rogers, L. S.
Schroeder & Deitz
NEWBERG—Hardrick, F.
Heacock, W. P.
Heater & Heater
Kauffman, I. B.
Rees, J. S.
NEW BRIDGE—Barshaw, Thomas
Hilton, A. J.
Nash, W. M.
NEW ERA—Findlay, J. M.
Rief, John
NORTH POWDER—Foster, Henry
Vandecar, Sanford
NORWAY—Barkdoll, J. P.
McNair, A.
NYE—Cole, C. & A.
OAKLAND—Hardsock, E. H.
Stephens, R. L.
OREGON CITY—Kinney, G. C.
Mars, W. W.
Miller, G. R. H.
Tower, Abe
PALESTINE—Stooksberry, Saml.
PARK PLACE—Bounds & Kent
Brown & Wheeler
PHILOMATH—Gregson, Moses
Smith, J. E.
Taylor, Joseph
Williams, A. J.
PLEASANT HILL—Mulkey, W. & W. D.
POINT TERRACE—Sweet Bros.
PORTLAND—Aiken & Peebles, 227 Clay
Backstrand, J. A., 790 Kerby
Bays & Son, 682 Borthwick
†Berkey, W. D., 393 Water
Bestow & Lewthwaite, 841 Front
†Blagen, N. J., 433 Market
Brandes & Cobb, 235 2d
Buckner, W. L., 330 Stark
Burton, J. H., 231 Meade
Clark & Ross, University Pk
Crandall & Heiny, 25 Front, N
†Davey, T. A., 209 Columbia
De Burgh, C. R., 148 Grand av
De Lin, Andy, 266 3d
†Dill, S. H., 225 Clay
Diliane, Jas., 849 Thurman
Dorfer, A. J., Taborside
Elliott, E. B., 746 Michigan av
Gilbert, O. W., 880 Grand av, N
Goetten, Wm., 661 E 13th
†Gordon, G. W., 212 3d
†Grahs, E. J., 353 E 1st, N
†Green, C. W., 388 Ross
Griffith, W. R., 731 E Taylor
Haines, W. F., 554 E 15th
Hand, J. F., 809 Weidler
Hanna, L. P., 191 E 34th
Harris, D. J., Arbor Lodge
Henderson, Ernest, 653 Milwaukee
Henley & Kuy Kendall, 213 Wash'n
Hickman, A. C., 511 Savier
†Hobkirk & Killgren, 4, 2d
Howard, G. W., 705 Mississippi av
Hyland, James, 207 Main
Irving, Frank, 827 1st
†Jackson, W. G., 250 11th
Kehm, Conrad, 61, 10th, N
King, F. E., 866 E 7th, N
Krimbel, Jacob, 507 Burnside
Kroner, Ernest, Marquam bldg
Leo, F. G., 639 E 26th
†Lewis & Lewis, 307 Madison
Loughry, Henry, 118 Grand av
McDonald & Stephens, 406 Wash'n
McDuffee, Jacob, 973 Belmont
McHolland Bros., 81 E 19th, N
†McInnis, A. R., 335 Grand av, N
McKenzie & Wallace, 466 Everett
Melton, J. A., 307 Stark
Miliard & Easterbee, 313 Ankeny
Moore, J. F., 366 7th
Morginson & Chandler, 42 E 24th, N
Morse, J. H., 1104 E Main
Muir, Alexander, 273 5th
Muir, Thos., 899 E Burnside
Nash Bros., University Pk
Paulsen, N. C., 508 Tillamook
Pollock, R. L., 204 Jeff'n
Powers, A. W., Woodmere
†Preston, P. A., 329 Stark
Riner, J. W., Mt. Tabor
Rockafellow, A. J., 127 16th, N
Roper, A. E., 380 E 8th, N
Ross & Clark, University Pk
Ryan, Edwd., 834 Corbett
Shipley, Geo., 951 Belmont
Shorno, A. D., 671 E Ankeny
Shorno, L. C., 533 Montgomery
Smith, C. W., 646 E Madison
Smith, Geo. D., 274 Taylor
Spore, C. L., 413 E 6th
†Stewart & Winslow, 26 6th, N
Stokes, Wm. R., & Co., 64 Grand av
Stout, H. B., 530 Washington
Striegl, F. C., 327 Mill
Swenson, Swen, 101 9th, N

Vandemarr, F. J., 497 Skidmore
Vanderhoof, G. L., 148 1st
Wakefield, Geo., 390 E Oak
Walker, T. W., 354 Montg'y
Walling, Gabriel, 480 Union av, N
Walls, R. H., 632 E Madison
Walter, S. A., 363 14th
Walton, D. S., Portsmouth
Wendland, R. A., 250 Ankeny
Wiggers, W. H., 431 Williams av
Wiley, Wm., 479 E 10th
Williamson, Arthur, Glencoe Sta.
Wilson, J. F., 314 Sacramento
Winans, H. A., 673 4th
Winniford, D. R. B., 881 Grand av, N
Wiser, P. L. G., 961 Hendricks av
Woodman, F. H., 554 E. 19th
Zeller, J. A., 28 E 6th, N

PRAIRIE CITY—Butts, F. J.
Coats, Wm.
Dollina, George
Donaldson, W. A.
Hubbard, U.
Miller Bros.

PRINEVILLE—Belknap, H. A.
Kiser, G. W.

ROCKWOOD—Brown, John
Dickensen, Frank
Dickensen, Walter
Engles, James
Prettyman, G. B.

ROSEBURG—Bennett, M. J.
Clements, David
Orcutt, G. W.
Patterson, F. F.
Perkin, J. A.

RUSSELLVILLE—Camp, E.
Emory, C. N.
Emory, R. N.
Reilley, Jno.

ST. JOHNS—Bernard, Obed

ST. PAUL—Coleman, James
Goyette, Joseph
Hughes, A.
Pfifer, A.

SALEM—Benoit, J. G., Oak and University
Buettner, Frederick W., Trade and 24th
Chapman, C. A., 404 14th
Craven, Zedekiah, 262 Front
Gilham, A. T., 5th and Shipping
Gray, John, 542 Front
Howard, J. E., n Yew Park
Irwin, John, 61 State
La Folette, Joseph, 101 Court
Lewis, J. R., 411 15th
O'Donald, Jonathan, 105 State
Olinger, A. M., 338 Trade
Southwick, F. B., Marion and 12th
Stanton, Elmer A., Capitol and Leslie
Thomas, R. T., 523 State
Wickstrom & Cheney, 500 High

SCIO—Claxton, T. J.
Curl, John
Guyer, A. C.

SEASIDE—Anderson, M. O. & Co.
Coffman, L. D.

SHELLBURN—Bridges, Daniel
Fitzgerald, John
Smith, J. M.

SHERIDAN—Barbour, Joseph
Deaken, J. W.
Edwards, Anderson
Evans, George
Mays, I. P.
Young, J. L.

SILVERTON—Cline & Bleakney
Cocking, T. J.
Drake, C. W.
Hinkle, C. M.
McCauley, F. C.
Smith, S.

STAYTON—Berson, Seth
Borchet, Herman
Davie, J. P.
Thomas, Frank

SUMMERVILLE—German, J. E.
Johnson, S. C.
Logan, J. W.
McKenzie, Finlay
McKenzie, J. L.

SUMPTER—Anderson, Wm.
Berrie, N. T.

SWEET HOME—Jackson, E. C.
Russell, O. H.

THE DALLES—Anderson, A. J.
Glenn, Hugh
Hoyle, M. W.
McCrum, Wm.
Slyvester & French

TIDEWATER—Gault, E. R.
Goodman, A. J.

TOLEDO—Dedrick & Son
Harmon, L. M.
Rosebrook, G. H.

TURNER—Crocker, S. B.
Knight Bros.

TYGH VALLEY—Beattie, Robert
Derthick, H. A.

UKIAH—Boynton, W. S.
Sellers, W. T.

UNION—Coffinberry, Charles
Gilfillen, T. G.
Irwin, Marion
London, R. C.

WHITESON—Patton & Campbel

WILBUR—Darrow, James
McDay, John

WILHOIT—Dickinson, W. W.
Sherman, D. C.

WILSONVILLE—Monmer, A.
Myers, C. O.
Voight, A.

WOODBURN—Carter, J. T.
Pennebaker, J. H.
Rossart, Charles
Tout, W. B.

WOODSTOCK—Davidson, Jas.

WOODVILLE—Hill, E. M.
Taber, B. F.

PENNSYLVANIA.

AARONSBURG—Dutweller, Frank
Hull, Thomas
Stover, G. M.

ABBOTTSTOWN—Duncan, Henry
Miller, S. G.

ADDISON—Lake, Samuel
Wright, H. H.

AIRVILLE—Gemmill, J. C.
McSherry, W. R.

AKRON—Miller, L. Z.
Minnich, Henry
Pickell, Herbert

ALBA—†Kiff, Charles

ALBURTIS—Bear, David
Bickel, Edward
Butz, Peter
Geiss, G. G.
Marstellar, Thomas
Romig, Henry
Schmoyer, L. S.

ALEXANDRIA—Croso, Benjamin
Piper, Peter

ALIQUIPPA—†Curran Bros.

ALLEGHENY—†Bruggeman, J. F., (Est. of) 502 Avery
†Campbell & Co., 1200 Sandusky
†Cochran & Davis, 106 Erie
†Cochrane, Geo. A., (Large), 1212 Washington av
†Eberz & Son, 711 1st
†Evans, A. E., 5 McIntyre av
†Faubel, Peter, Drover nr Taylor av
†Gillin, R. N., 114 S Diamond
†Gold, J. S., 116 Ward
†Graham, R. J., 120 Ohio
†Graf, Geo. S., 410 Leman av
†Grau, Wm., 1514 Gladstone
†Gwinner, Fredk., 1801 Market
†Graham, R. J., 120 Ohio
†Habits, Thos. N., 912 Monitor
†Heck, Jno. & Co., 2325 East
†Heisch, Jno., 1251 Franklin
†Hays, Sefton & Co. (Large, also Planing Mill), 2050 Chartiers
†Helms, Conrad H., 1787 Perrysville av
†Henrich, Damian, 32 Ives av
Ingrham, Jno. B., 616 Rebecca
†Keown & Tootill, 215 Park Way
†Kunze, H. A., 605 Sandusky
†Little, S. J. Planing Mill Co., 1110 Rebecca
†McCain, Robt. C., 219 Alpine
†Mackintosh, Geo. P. & Co., Ltd., 807 Penna av
†Meyer, Victor Sons, Brighton rd
Neely & Reefer, 33 Broadway
†Patterson & Shaw, 220 Alpine av
†Perryer, Geo. C., 1113 Sherman av
†Reif, Chas., Jr., 133 Perry
†Rose & Fisher, 821 Penn av
†Ross & Gailey, 158 Watson boul
†Sefton, Ross K., 510 E Diamond
†Smith & Duff, 1151 Buena Vista
†Steele, Commodore H., 224 Grant av
†Stewart, W. G., Faulk av
†Tannehill, R. C. (Large), 2019 Perrysville av
†Thompson, L. A., & Co., 102 Erie
†Trimble, John H. & Bro. (Large), 2022 Chartiers
†Trimble, W. F. & Sons Co. (Large), 1719 Greenwood
†Wherry, Jas. & Co. (Large), 857 W North av

ALLENSVILLE—Dachinback, J. M.
Fultz, P.
Headings, J. S.

ALLENTOWN—†Albright, Amanda, 944 Liberty
†Crilly, Hugh E. (Large), 443 N 2d
Donecker, O. C., 548 N 4th
†Edwards, C. G. & Co. (Large), B. & B. Bldg
†Gangemere, W. H., Co. (Large), B. & B. bldg
†Good & Quier, 430 Turner
†Hardner, G. H. (Large), Lentz bldg
†Hertzog & Daubenspeck
†Lawfer, J. Harry (Large), 27 N 8th
†Lehr, Israel L. & Son, 617 N 7th
†Martz, J. F. (Large), 541 Hamilton
†Meixcell, M. J., 511 Court
†Ochs, Milton T. J. (Large), 227 N 5th
†Ritter & Smith (Large), 113 S 7th
†Schelden, Harry G., 611 Hamilton
†Schout, Charles A., 326 N 9th
†Sterner & Kress, 1017 Hamilton
†Stettler & Roth, 727 Maple
Yingling, H. B. & Son (Operative), 822 Hamilton

ALTOONA—†Brandt, Frank, 1722 Margaret av
†Buchler, Adam, 4th c 7th av
†Bunker & Fleck, 410 7th av
†Cassidy, Chas. H., 290 W Chestnut av
†Elder, Jas. A., 2204 5th av
†Enyeant, J. M., 812 8th
†Flanagan, John, 907 16th
†Haines, E. R., 2602 8th av
†Hughes, W. V., 1121 11th av
†Orner, Martin V., 2601 8th av
†Rhine, Geo. W., 200 7th av
†Stoke, Wm., 20th n 9th

AMBLER—†Barkeson, Jas.
†Bartleson, Jas.
†Beck, Albert
†Heppler, L. B.
†Patterson, Jas.
†Russell, Benton S.

AMITY—Bebout, Isaac
Johnson, W. J.

ANSONVILLE—Davison, J. C.
Strong, C. S.

ARDMORE—Warner, C. A.

ARENDTSVILLE—Lower, Dorsey
Lower, J. C. D.

ASHLAND—†Dreshman, Christ
†Madgeburg, Wm. (Large)
†Loeper, Antone E. A.
†Maurer, Jacob J.
†Smith, Chas. H.

ASPINWALL—Creese, Ezra
Dyer, John
†Emrick, F. E.
Martsole, Fred.

ATGLEN—Goodman, P. L.
Linton, Hezekiah

ATHENS—Burns, John
Campbell, F. K.
Lamberson, W. A.
†Snell, Jos. H.
†Tripp, Joseph M.
†Weller, F. E.
†Wood, Elias B.

AUSTINVILLE—†Hall, L. L.

AVOCA—Dommermuth, F. F.
Spencer, Edmond

AVONDALE—†Mackey, Robt. K.
†Russell, Marshall
Wood, M.

BAKERSVILLE—Friedline, Sam'l F. (also Planing Mill)

BALDWIN—Donnelly, Samuel H.
Rogers, G. W.

BALFOUR—†Lesher, Jacob

BALLY—Witman, F. & Son

BANGOR—†Graffin, W. T.
†Greer, Wilson
†Merrill, Irving
†Stiles, John
†Wilcox & Co.

BARNESVILLE—Dunwoody, Israel
Grube, John

BARNESVILLE—Dry, M. R.
†Messersmith, D. D. (Large)
Weber, Frank

BARTONSVILLE—Bush, D. P.
Depue, E.

BATH—Snyder, Peter

BAUMSTOWN—†Hook, E. D.

BEALESVILLE—Carter, A. E.
Regester, C. E.

BEAVER—Brooks, D. P.
Tallon, Robt. E.

BEAVER FALLS—†Brierly, F. K., c 6th & 1st av
Creese, Samuel, 1505 6th av
Goehring, E. A., 1819 7th av
†Haller, J. A., 1200 6th av
†Harrold, Simon, 404 11th
†Hughes, Jno. M., Patterson Heights
Hunter, G. S., 2403 7th av
Jackson, W. J., 1407 5th av
†Kirker, L. C. & Son, c 4th av & 9th
McCain, W. P., 903 9th av
†Mitchell, J. S. & Son
†Wareham, G. C., 803 9th
BEAVERTOWN—†Herbster, Jacob F.
BECKERSVILLE—Glass, Henry
Mengel, J. L.
Selfrit, Howard
Selfrit, Joseph
BEDFORD—†Claar, Sam'l S.
BELFRY—Gotwalts, Chas.
BELLEFONTE—Bartley, David
Bartley, Frank
Cole, Robert
Cowdrick, M. W.
Derstine, John
Fox, Joseph
Gault, Samuel
Hunter, S. C.
Miller, Isaac
Resides, Wm.
Stoner, W.
Tate, D. K.
Tate, G. W.
Witmer, O.
BELLE VERNON—†Miller, John
BELLEVILLE—Axe, Isaac
Axe, R. S.
Edly, A. S. & J. M.
BELLEVUE—†Bumgarner, Sam'l
Douglass, A. W.
Emanuel, John
Greenough, James
†Knauff, George
BELL'S MILLS—Cary, J. F.
Graffins, Wallace
Rupert, H. S.
BELLWOOD—Gheer, T. P.
Goss, A. L.
Lanon, C. V.
BEN AVON—Dunn, H. L.
†Klicker, Charles W.
†Wineberg, Edw.
BENDERSVILLE—Blocher, Andrew
Blocher, Edward
Thomas, J.
BENEZET—Bennett, D. W.
Brown, J. E.
Dempsey, D. & Son
Dickey & Friedman
Forsythe, Wm.
Murphy Bros.
BENNETT—†Murphy Bros.
BENSALEM—Dyer, Wm.
Larer, D. A.
BENTLEY CREEK—†Chase, J. Wilson
Cooper, E. H.
Cooper, M. E.
†Marcellus, F. J.
†Vincent, F. P.
BENTON—Appleman, P. L.
Cox, C. R.
Fulmer, J. D.
McHenry, I. R.
Wesley & Smith
BERLIN—Brubaker & Engle
Dively, Herman
Musser, Cyrus
Philson & Dively
Swartzendruber, J.
BERRYTOWN—Fuller, Abel
BERWICK—Faust, Joseph
Reedy, Daniel
Seiler, Scott
Sult, Theodore
Whitmire, D. B.
BERWYN—Burns, W. H.
Lohb, E. A.
BETHLEHEM—†Lilly, Wm. E.
†Speck Bros.
†Stoudt & Snyder
BIG POND—Leonard, H. Irvine
Leonard, J. Bryan
†Sanders, G. B.
†Wilder, E. D.
BIRDSBORO—†Focht, L. H.
†Mauger, A. E.
†Moore, R. & Son
BLAIRSVILLE—Altman, J. F.
†Fair, D. M. & Son (Large)
Hossack, J. M.
†Lapstey Bros.

BLOOMSBURGH—Gorey, Thomas
Jury, B. U.
Rhodemayen, Wm.
Ritter, W. L.
Shaffer, Samuel
Sterner, W. E.
BLOSSBURGH—Biddle, Isaac
Fulkerson, Enoch
Lenhart, Caspar
Morrell, Joseph
BOLIVAR—Brendlinger, J. E.
Henderson, J. C.
Henderson, W. B.
McClennahan, S. M.
BOYERTOWN—Houck, Philip
Shealer, John
BRACKNEY—Gage, I. B.
Gage, J. C.
Porter, Wm. M.
BRADDOCK—Blakeley, Thomas J.
†Braddock Lumber Co.
†Braddock Union Planing Mill Co.
Copland Building Co.
†Dowler, Eli R.
†Hogg, Geo. (Large), 541 Braddock av
†James, David J.
†Rankin, Joseph & Co.
†Reed Bros.
Rossell, Frank
†Smith & Lowman
†Vogel, George
†Wallace, Joseph K.
BRADFORD—Beckwith, Alonzo M.
†Boss Bros.
†Dick, John
†Graham & Bros.
†Hanley, William
†Hayes, James W.
†Nelson, August G.
†Unruh, E. N. (Large)
Wilson, James T.
†Winter, Samuel D.
BRIDGEPORT—†Kerns, R.
BRIDGETON—Liggitt, D. A.
Torbet, W. W.
BRIDGEVILLE—McMillen, W. & Co.
Marchman, R. L.
†Warensford, T. A.
BRISTOL—†Degroot, John
†Lawrence, Ernest
BROOKDALE—Gonsalus, V. P.
Luce, Warren
BROOKLYN—Grenell, M. B.
Waldie, A. S.
Whitman, J. M.
BROOKVILLE—Baumgardner, D. H.
Braden, James
Hall & Lucas
Hastings, C. B.
Sadler, Martin
BRUMFIELDVILLE—Breidenbach, F.
Brunner, G. R.
Ehrgood, William
Herner, Nathaniel
Holloway, Jacob
Romig, Samuel
BRYN MAWR—†Dilworth, M.
†Florer, H.
†Gray, William
†Hatch Bros.
†Ristine, George
†Wolfe, Hy. P.
BURGETTSTOWN—Neil, J. G.
Neil, Samuel
Nicholls, T. F.
Pedicord, D. T.
Scott, J. L.
Shane, Miller
BURLINGTON—†Davis, T. J.
†Hill, L. D.
Selleck, M. D.
Stanton, J. B.
BUTLER—Cochran & Stoner
†Emrick, D. B.
Milheim, John G.
Rancher, Frederick
Scanlon, Michael
†Schenck, George
†Schenck, Theo.
Smith, Jas.
Weigand, Edward E.
Weitzel, Danl.
Wick, P. C.
CALIFORNIA—Powell, J. A. & Co.
CAMDEN—Gould, D. H.
McGowan, J. F.
CAMPBELLTOWN—Flory, John
Flory, Levi
Grumbren, Adam
Yingst, Daniel

CAMPTOWN—Bramhall, Martin L.
Fee, Martin
Ross, Lewis W.
CANNONSBURGH—†Briceland, J. & Son
Cowan, Thomas
Crawford, W. H.
Dunlap, W. H.
Holliday, A. C.
†Schaughency, M. C.
Taylor, W. G.
CARBONDALE—†Edgett, W. H.
†Kinback, William
Thompson, W. G.
CANTON—Coons, Giles M.
Crawford, Byran H.
Fellows, David E.
McKee, Jay
McKee, Reed
†Northrop, Austin
†Rogers, Harry L.
Shipman, Charles R.
Taylor, Hollis H.
†Williams, C. B. & S. F.
Wright, Chas. E.
†Nolan, John
†Mallery & Wetherby
†Mills, F. W. & Co.
Wetherby, C. L.
CARDINGTON—†Zell, Jacob
CARLISLE—†Brindle, A. N.
†Brown & Rinehart, E High
Myers, John
†Porter, James
†Wetzell, A. J.
†Wetzel Bros.
Wetzel, E.
CARNEGIE—Clothier, Charles W.
†Dushane & Lewis (Large)
Gamble, Samuel
Gow, George
†Hewes, George D.
Morton, E. Clark
Thompson, W. H. S.
†Wiester, F. M.
CASTLE SHANNON—†Gibbs, Chas. B.
CATASAUQUA—†Goldsmith, Franklin (Large)
†Louchridge & Mullen
Young, James
CENTRE SQUARE—Frantz, G. W.
CEYLON—Craig, R.
McClellan, George
Maple, Charles
CHAMBERSBURG—†Arras & Franklin
Craig, J. W.
†Evans, Charles
Minnich, G. A.
Monath, Samuel
Rhoads, Maurice R.
Yost, Daniel S.
CHAPMAN—Herrold, H. W.
Richenbach, Amos
Shaffer, Jacob
CHARLEROI—†Kline & Wise
†Twiss, C. C.
CHERRY HILL—Seldin, W. P.
Sherman, Beach
White, Melton
CHERRYVILLE—Miller, Darius
Miller, W. H.
CHESTER—†Bell, Samuel R., Jr. (Large)
†McConkey, Robert
†Hewes, William J. & Bro.
†Hoffecker, Joseph S.
†Kerr, A. R.
†Lane, Joel
†McCray, Heston D.
†Nolan Bros. (Large)
†Oliver, J. & T. (Large)
†Provost, William, Jr. (Large)
†Sheaff, G. W. & Son
†Taylor, J. Irvin (Large)
Ward, William
Wiser, William J.
CHESTER SPRINGS—Beerbrower, T. A. & Co.
Wood, R. H.
CHRISTIANA—Finimore, Harry C.
Hall, Benjamin
Shealer, D. P.
CLARK'S SUMMIT—†Sylvius, C. E.
†Woodward, Frank
CLARKSVILLE—Jefferson, Barnett
CLAYTON—Stauffer, H. L.
CLEARFIELD—Hess & Lukens
Gulick, L. P. & L. D.
†Shank, S. P.
†Snoke, J. D. & Bro.
CLIFFORD—Abers, Alonzo
Bennett, Jeremiah
Burdick, L. D.
Chamberlain, Charles
Tuttle, Perry

CLIFTON HEIGHTS—Bishop, Edgar
Kelley, Francis
Manly, T. F.
Riggs, Frank
CLINTON—Matchett, J. T.
Morgan, J. M.
CLINTONVILLE—Hovis, C. W.
Ridotte, C. M.
COAL CENTRE—Hornbake Bros.
Wilkins, A. J.
COALPORT—Beers, J. M.
Britton, W. H.
Lightner, T. G.
COATESVILLE—†Ash, Charles H.
†Coates, J. Howard
†Dean, Frank A.
†Entriken, John M.
Newlin, J. M.
Nields, H. C.
Thompson, W. A. P.
Widdoes, Howard
CODDING—Hall, A. C.
COLERAIN—Ferguson, A. M.
Matthews, E. F.
Rubican, John
COLEVILLE—Boylan, W. J.
McCord, Henry
COLUMBIA—Cramer, Henry H.
Daron, Samuel
†Ferguson Sons
†Forry, John D.
Paules, G. W.
COLMAR—Reifsnider, H. J.
COLUMBIA CROSS ROADS—Wheeler, F. B.
†Woodward, P. B.
COLWYN—Moore, M. H.
CONCORDVILLE—Green, E. W.
Wells, J. M.
CONESTOGA—Benedict, Amos
Henry, Abraham
Shenk, H. B.
Warfell, A. G.
CONNELLSVILLE—Basley, George
Basley, J. R.
Brown, C. H.
†Calhoun & Co.
†Connellsville Construction Co.
†Cox, R. B.
†Fayette Lumber Co.
†Harry, S. J. (Large)
†Harlett, W. E.
CONSHOHOCKEN—†Martin, Alex.
COOPERSBURGH—Fox, John F.
Jordan, W. H.
Shaffer, Daniel
COOPERSTOWN—Blanchard & Rodgers
CORAOPOLIS—Baldwin, Charles
†Boyd, H. C.
Curry Bros.
†Jolly, John K.
†Knopf & Cornelius
†McKelvy, J. T.
Medberry, J. B.
Vandervort, Ezra
CORRY—Blakesley, Judson
†Hall, E. A.
†Mount, William & Son
Nichols, A. A.
CORYLAND—Mott, John C.
COVERT—Richmond, Homer A.
Smith, C. Albert
CRAFTON—†Munnell, James
†Verner, S. G.
CRANBERRY.—Feringer, Paul
Matteson, Charles
Zeigler, A. M.
Zeigler, J. F.
CURWENSVILLE.—Addleman, Henry
Caldwell, H. L.
Hoover, G. B.
Leach, Ivan
Leach, Perry
Shaffer, Ira
Whittaker, A. B.
DALTON—†Carlton, George W.
†Francis & Dean
†Von Storch, B. F.
†Von Storch, W. H
DANIELSVILLE.—†Marsh, H. S.
DANVILLE—†Diseroad, Casper
†Hoover Bros.
Reifsnyder, G. F.
Shepperson, Wm.
†Trumbower & Werkheiser (Large)
DARBY—Kirkpatrick, E.
Roberts, John T.
†Tarbottom, Thos.
Tyler, Hy. W.
DELAWARE WATER GAP—Hauser, F. D.
Newhart, Joseph
Schellenberger, M.

DELTA—Barnett, Allen J.
Dorsey, J. H.
Jones, W. H.
DENNY—Doerr & Beck
Runnell Bros.
DERRICK CITY—Berry, J.
Thompson, W. A.
Wiggins, William
DEVON—†Dawson, J. W.
†Warner, Lewis
DIXONVILLE—Boucher, J. C.
Boucher, William
Clawson, A. B.
Clawson, E. T.
Longwill, J. A. H. & Bro.
DONALDSON—Minning, John
Strong, H. S.
DORRANCETON—Bonham, John
†Gordon, Henry M.
†Marcy, G. L.
Pace, Charles E.
†Ransom & Bonham
DOUGLASSVILLE—Delwiller, John
Fisher, J. W.
Potts, Henry
DOWNINGTOWN—†Fisher, George H.
Guthrie, G. T.
McCarns, George W.
McCarns, J. W.
†Moore, Wm. W.
Sypherd, Charles
DOYLESTOWN—†Bailey, T. B.
Flack, James
†Hager, William L.
Martin, Jonas
Nyce, David D.
Treffinger, Lewis
Weiss, William
DUBOIS—Bliss, Austin
†Clark, T. O.
†Cyphert, George V.
†Orner, A. D.
†Orner, Frank
Patterson, Thomas
Sobers, W. H.
Work, Nels
DUNCANNON—Auchmuty, S. J.
Bothwell, W. L.
Hawley, C. L.
DUNMORE—†Cole, Janson
Huff, Curtis
Packard Wm.
Parsons, Benj.
Sanders, John
Swingle, Adelbert
Wells, Saml. O.
DUQUESNE—†Buckholtz & Stratton (Large)
Morgan, Alex. H.
†Morgan, W. C.
†Voss, Otto
Workman, A. V.
DUSHORE—Eberlin, J. J.
Huffmaster, H. G.
Kisner, Charles
Lawrence Bros.
Litzelman, John
McHenry, G. L.
EAGLEVILLE—Moors, Jos.
EAST BETHLEHEM—Deems, Simon
Quail, Charles
Smith, R. G.
EAST CANTON—Kendall, Sylvester H.
EAST M'KEESPORT—Hill, J. Q., B'way av
Thompson, Parker, B'way av
EAST MAUCH CHUNK—†Herman Anthony & Sons
†Rehrig, Aaron
†Steine, Christ.
EASTON—Cameron, Jos.
†Fehr, Wm.
†Keim, Reuben
†Danterman, Wm. A.
†Lerch, Frank J. & Co. (Large)
†Morganstern, L. F.
†Pittenger, Edw. S.
†Raeder, Adam
†Raub, Jacob (Large)
†Ricker, Jacob W.
†Schimmel & Heil
†Steinmetz & Walter (Large)
†Walter, E. J.
EAST PETERSBURGH—Bemendorfer, C. M.
Moore, A. B.
EAST SMITHFIELD—Chamberlain, Calvin S.
†Chamberlain, J. A.
†Evens, John L.
Fosburg, J. P.
†Gavitt, George W.
Kellogg, O. B.
Knickerbocker, J. H.
Phelps, Wellman E.
Riggs & Knickerbocker

†Tracy, J. M.
†Wood, Newton
EAST STROUDSBURG—†Hoffman, A. Y.
†Hoofman, Charles S.
†Rinker, Edgar
EAST TROY—†Hunter & Hoose
Sawyer, Jas. F.
EDDYSTONE—†Kerr, Alva R. & Co.
EDGE HILL—†Hoover, W.
EDWARDSVILLE—†Jones, Herbert S.
†Linn, Jacob & Son
†Williams & Meredith
ELIZABETHVILLE—Bickel, John H.
Reist, Wm. H.
Schreffler, H. W.
ELKLICK—†Shaner, W. D.
Young, H. W.
ELLIOTT—Rismer, Frank
Schwartz, Geo.
Taylor, Alex
ELLWOOD CITY—Frey, A. C.
Shaner, W. D.
Young, H. W.
ELRAMA—†Ramage, G. W.
ELYSBURG—Fahringer, Alonzo
Fahringer, Nathan
Tietworth, George
Yeager, Peter
EMAUS—†Binder Bros.
Hinkel, O. J.
Steinbach, Wm. N., 7th
†Wagner, Oscar S., 5th
†Wieder, T., New st
EMLENTON—†Cubbison, J. R.
Eakin, I. R.
†Sloan Bros.
†Sommerson, Geo.
EMPORIUM—Cramer, W. H.
Fry, Charles
Kriner, J. W.
EPHRATA—Hoover, M. G.
Urich, George
EQUINUNK—Lloyd, Allen
Lloyd, Henry
ERIE—Ackerman, Wm., 149 E 21st
Adams, Geo., 521 German
Adams, James W., 521 German
†Aitken, Alex. B., 521 W 11th
†Andrews, David J., 1912 Sassafras
Atholf, Benj., 2018 French
†Baldwin, Wm. P., 217 E 24th
Barnes, Walter R., 922 W 9th
†Constable Bros. (Large), 5th & Sassafras
Fassett, G. W., 324 W 8th
Graham, J. E., 2750 Peach
Graham, W. M., 29th & Peach
†Gunnison Bros., 233 E 22d
Held, Joseph, 2613 Chestnut
Hillmann, Peter, 263 W 25th
Himberger, H. H., 732 Brown's av
Kemm, Sam'l L., 129 W 19th
†Kirschner Bros., 438 E 22d
Knoll, Benedict, 130 W 20th
Leach, Jas., 1712 Myrtle
Loesel, Michael, 149 E 18th
McCormick, John, 645 W 10th
†McKendrie, A. C., 1031 Walnut
McLeod, Peter, 547 W 7th
Malthauer, Jacob, 2630 Myrtle
Marks, Chas., 214 W 21st
Mayerhoefer, Jacob, 555 E 7th
Menzing, Fred, 533½ E 9th
†Miller, F. W., 3d & Sassafras
Pressly, John T., 2424 German
Schoof, P. C., 322 W 23d
Schafer, Julius, 124 E 5th
Schriefer, J. C., 2122 Liberty
†Schroeck, Adolph, 904 E 11th
†Shenk, Henry Co. (Large)
Sherline, W. A., 617 German
Tompkins, W. A., 729 E 18th
Uht, Amandus, 434 E 9th
Weber, A. S., 512 E 9th
†Zesinger, F., 26th & Brown's av
ESPYVILLE—Carkhuff, Abraham
Collins Bros.
Johnson, R. T.
EVANS CITY—Cooper, J.
†Mickley & West (Large)
West, C.
EVERETT—†Cottage Planing Mill Co.
EVERGREEN—Allen, Arthur
†Fenner, Delanson
FACTORYVILLE—Reynolds, J. W.
Reynolds, Sol.
FAIRCHANCE—Brown, J. L.
Custer, H.
Davis, T. J.
Monteith, Alexander
FASSETT—†Hunt Bros.
FELTON—Dougherty, W. H.
Stabley, Wm.
FERNWOOD—†Connors, Wm.

Hooper, R. C.
†Hoopes, Rufus
Hoopes & Lowden
Zell, J.
FINLEYVILLE—†Jones, Bros. & Co.
Stewart, W. H.
FLEETVILLE—Holly, M. C.
Lewis, Pardon
Newcomb, O. H.
FLEMINGTON—Bressler, J. P.
Keller, Joel
Keller, John
Keller, P. J.
Leitzel, J. A.
Moore, J. E.
Tidhlow, B. F.
FLORENCE—McConnell, D. M.
Plotts, T. B.
FLORIN—Arndt, Ephrain
Arndt, Theo.
Menaugh, J. H.
FLOURTOWN—McCook, David
Smith, G. C.
FOGELSVILLE—Becker, Benjamin
Desch, Frank
Frees, Wm.
Kuhns, W. H.
Reinhart, Frank
FORT WASHINGTON—†Ford, E. G.
†Sperry, Danl.
FORTY FORT—Dilley, Geo. B.
†Glahn, Adam
Mensch, Stephen A.
Price, Orvil
FRACKVILLE—†Haupt, Henry
Moyer, Samuel
FRANKLIN—Brady, J. W.
Corrin, A. B.
Eshelman, W. H.
Varnell, Frank
FRANKLINDALE—Compton, Jacob
Hemenway, Wm. H.
FRANKSTOWN—Crawford, Henry
Crusse, Samuel
FRAZER—†Parmer, Ottomar
FREDERICKSBURG—Klinger, Jere
Stroh, Simon
Walmer, George
Wise, John
FREDONIA—Martin, Wm.
Mitchell, M. A.
FREEDOM—Mohler, W. T. & Co.
Park, J. I.
FREELAND—Boyle, J. K.
Burger, A. K.
Cumins, John
Seipie, S.
FREEPORT—†Arnold, John
Long, A. J.
Syphax, H. S.
GALETON—†Joslin, Eugene
Kelley, N. Roger
GALLITZIN—Berkey, David
Bracken, M.
GEORGETOWN—Lake, F. M.
McHaffie, Wm.
Nash, George
Winch, J. B.
GETTYSBURG—†Diehl, Levi J.
Johns, Wm. H.
†Smith, Jos. J.
†Stallsmith, Melville E.
GILLET—†Avery, M. E.
Jenkins, G. R.
†Kiersted, Isaac
Vernier, J. W.
GIRARDVILLE—†Coop, George
†Davis, Charles
McGovern, F. B.
O'Donnell, John
Seaman, C. J.
GLADWYNE—Haley, Jos.
Herbert, Harry
Smith, Wm. H.
Stirk, Jno. B.
Winters, Eugene
GLENFIELD—Graham, J. W.
Robinson, H. V.
GLEN HOPE—Cooper, T.
Dewalt, George
Dewalt, J.
Hindman, Howard
Hindman, John
Rex, R. J.
Rex, T.
GLENOLDEN—Meckert, J. W.
Nicholas, W. L.
Ubriah, L.
GOODVILLE—Fox, Jefferson
Stauffer, Samuel
Stauffer & Sensenick
GORDON—Haas, Daniel
Holshue, Jesse
Morgan, W. W.
Moyer, W.
Raspbridge, Thomas
GRANVILLE CENTRE—Bailey, A.
†Wright, W. B.
GREENE—Lee, W. M.
Peters, Cooper
GREENSBURG—†Bott, L. W.
†Fair, D. M. & Son (Large)
†Patterson, R. S.
†Stark, H. F.
†Wentzel, Jas. O.
GREEN'S LANDING—†Weller, F. E.
GREENVILLE—†Heilman Bros.
†Leech & Smith
GREENWOOD—Heacock, Bartley
Heacock, Jesse
Lemon, Elijah
GROVE CITY—†Say, W. J.
GROVER—Rittenhouse, James
HALIFAX—Chuhb, Hiram
Pottlcher, S. B.
HALLSTEAD—†Roosa, E. H. B.
HAMBURGH—Geary, E. M.
Heinly, Jacob
Longalow, Sam'l, N 4th st
Machiner, Frank S.
Miller, P. N., N 4th st
Motes, John J.
Motes, M. H.
Rauhenhold, A. J., S 4th st
HAMPTON—Auldt, Roht.
HANOVER—†Conrad & Klunk (Large)
†Coulson, J. W. & Bro.
†Hoffman, Wm. H.
Rohrbaugh, J. F.
Slagle, W. H.
HARFORD—Barnard, W. E.
Patterson, W. E.
HARRISBURG—Alleman, G. R., 326 Lincoln, Steelton
†Ball & Jones, 127 Pine
†Baughman, Jos. J. (Large)
†Bowers, Geo. A., 313 Peffer
Bowers, Jacob, 153 Myers, Steelton
Coder, John J., 500 N 3d
†Egolf, A. D., 503 Reiley
†Ferrell, Thos., 502 Camp
†Gates, Wm., 10th n Market
†Giede, 260 Broad
†Kammerer, Andrew, 819 Market
†Kast, L. F., 1331 Susquehanna
†Kime, S. S., 331 Reiley
†Leho, E. N., 1922 Berryhill
†McKelvey, J. J., 1316 Bartine av
†Mentzer, S. F., 1430 Market
†Miller, Chas. H., 214 Baltic
†Miller & Ulrich, 1108 Bartine av
†Moeslein, E., 18 N 3d
†Moret, Reuben, 608 Forster
Ness, Jacob, 220 Peffer
†Null, J. R., 232 Cranberry av
Rupp, H. & Son, 111 S 3d
†Ryan, J. P., (Large), 504 South
†Shenk & Wengert
†Sollenberger, Diller S., 523 Peffer
†Weaver, Warren O., & Son
Yousling, John Y., 123 Broad
Zimmerman, J. H., 1329 Howard
HASTINGS—Buck, C. A. & S. H.
Holtz, John
Yengst, M. B.
HATBORO—†Puff, Jacob
†Thoman, Walter
HATFIELD—†Benner, E. B.
†Cressman, S. R.
HAVERFORD—Wonnop, W. W.
HAZLETON—†Bontz, Martin
†Boyle, P. F.
†Campbell Bros.
Campbell, Hugh
Cooper, J. W.
†Daniels, John
Frederick, S. Y.
†Hazleton Mfg. Co.
Knelly & Frederick
†Leihensberger Bros.
May, Frederick
†Schauh, Justus
†Veale Bros.
†Wagner, Jacob
HELLERTOWN—Pfeiffer, Frederick
Roth & Coulter
HENRIETTA—Falkner, D.
Glass, Wm.
Smith, J.
HEREFORD—Hallman, Joseph
Schuler, Thomas
Schultz, Irwin
HERNDON—Derrick, D.
Moyer, R.
HIGH SPIRE—Albert, John
Bower, J. F.
Gemmill, David
Parthemore, Mathias
Sides, Samuel
HILLIARDS—Turk, S. M.
Watson, W. J.
HILLTOWN—Courter, George
Gehman, Horace
Sellers, Francis
HOLLENBACK—Ely, D.
HOLLIDAYSBURG—Coudson, J. B.
†Hunter, M. S. & Son
Thompson, W. F.
HOMESTEAD—†Bryan, Isaac
Elliott, R. M., & Co.
†Erlberck Bros. (Large)
Freeborn, Harry
†Hall, George M. (Large)
†Honse, J. M.
Morgan, Thos. W.
Snyder, J. O.
Walker, Lewis
†Wickerman, G. V. L. (Large)
Wolfe, John
HONESDALE—Brown, R. H.
†Honesdale Hdw. & Bldg. Co.
†Kreitner Bros.
HONEYBROOK—†Lowry, Geo. A.
HOOKSTOWN—Bryerly, T.
Culy, J. E.
Laughlin, T.
HOPEWELL—Evans, Isaac
Simon, H.
HORSHAM—Webster, Benjamin
HORTONS—†Huey, G. W.
HOUTZDALE—Aikens, John
Campbell, John
McDonald, R. O.
Miller, J. W.
HOWARD—Pletcher, D. W.
Pletcher, H. S.
Pletcher, R.
†Schaffner, Albert M. (Large)
HOYT—Stroh, Henry
Thomas Bros.
Wynkoop, Chas. H.
HULMEVILLE—Douglass, H.
Rue, L. B.
Townsend, Edmund
HUMMELSTOWN—†Grove, Geo. H.
†Moyer & Koons
†Shuey, Wm.
HUNTINGDON—†Hall, J. C.
†Isenberg, John L.
†Kidd, W. S.
†O'Mara, W. J.
Oakman, Isaiah
Steel, F. S.
HUNTSDALE—Eberly, Amos
Kissinger, Levi
Walker, Amos
Young, John
INDIANA—Baker, Phil
Carrahan, J. R.
De Lancy, J. O.
Hastings, John S.
Kerr, Roht.
†Kerr, Valentine
Klinginsmith, Wm.
Kuntz, Wallace
Lockard, E. M.
INGRAM—†Jackson & Fulton
IRON BRIDGE—Halderman, A. D.
Hilderbrandt, F.
Spare, S. P.
IRWIN—Graham, John
†Price & Brush
Shaffer, Adam
JAMESTOWN—Mallorie, W. H. & Son
JARRETTOWN—Rodemick, J. S.
JEANETTE—Layton, J. R.
Leonard, H. W.
†Mellott, Geo. W.
Oakley, H. C.
Shatzer, Louis
JEFFERSONVILLE—Shoemaker, A.
JENKINTOWN—†Ball, Jas. W.
†Carson, Samuel D.
†Stringer, W. J.
JERMYN—Hallstead, Wm. H.
Hoffecker, L. W.
Matthews, Geo. H.
Salisbury, Geo.
Wall, J. A.
JOHNSTOWN—†Horner, B. F., 444 Franklin
†Hornick, C. C.
†Lloyd, W. & Son, 426 Main
†Lloyd & Jones, 320 Vine
†Rose, W. J. & Sons, 328 Lincoln
†Soly, Lucas, 429 Davis
†Smith, W. H. & Bro., Hickory st
JUNIATA—†Colestick, S. H.
†McNeel, J. G.

†Parker Bros.
†Robison, J. L.
KEMBLESVILLE—Pratt, Norris
Willard, Wm.
KENILWORTH—†Eckes, Jacob
KENNETT SQUARE—†Miles, Diveney & Co.
†Miller, John
†Stiner, A. E.
†White, H. C.
KING OF PRUSSIA—†Frorer, Henry (Large)
KINGSTON—†Colley, W. G.
†Edwards, Chas. B.
Long, T. A.
Nelson, Bert
†Shepherd, J M.
†Shepherd & Monks
Stairbird, E. C.
KINZUA—English, James
Foyle, Henry
Hartness, Albert
Morrison, O. J.
Morrison, Roscoe
KITTANNING—†Claypool, J. S. & Co.
†Heilman Bros.
†Heiner, Wm. A.
†King, F. M.
McGregor, John G.
†Milson, Bert
Watt, Thos.
KOSSUTH—Kline, H.
Kline, J. M.
Miller, Evan
KREMIS—Hecker & Reinhart
Reinhart, Reuben & Bros.
KULPSVILLE—†Gotshall, W.
KUTZTOWN—Kline, Daniel
Steinberger, Alphon
Wesner, Laines
LADDSBURGH—Eilenberger, Wm. H.
Hope, Thos.
LANCASTER—†Auxer, Adam J., 528 E Chestnut
†Bachman, J. M., 830 Columbia av
†Balby, Samuel H., 514 S Shippen
†Breneman, H. N. & Son, 135 N Duke
†Burger, John Adam & Son, 43 S Prince
†Erisman, Clement S., 602 W Chestnut
†Evans, Clifton, 28 S Lime
†Flick, G. Samuel, 606 E King
†Gable, John S., 148 New Vine
Geist, Abram, 21 Green
†Hergenrother & Ewing, 601 S Lime
Jeffries, Samuel B., 40 E Marion
†McLaughlin & Gesell, 220 E Walnut
†Morrow, Robert M., 241 Cherry
†Oster, Geo., 136 N Mary
†Rapp, D. H., 536 St. Joseph
†Wohlsen, Herman F., 429 Green
†Wohlsen, Peter N., Jr., 531 S Christian
Zook, Joseph S., 527 N Lime
LANDIS STORES—Landis, M. H.
Weller, P.
LANDIS VALLEY—Hollinger, Levi
LANDISVILLE—Helman, J.
LANESBORO—Lovelace, J. F.
Norton, P. L.
LANSDALE—†Ambler, Jno. F.
LANSDOWNE—†Bishop, Edgar C.
†Hooper, J. Willard
Saunders, Wm.
†Shuster, Wm. C., Jr.
Vaughan, H. E.
Wilson, J. S.
LANSFORD—†Hall, J. R.
LAPORTE—Hackley, A. J.
Lameraux, I. L.
Lawrence, C. T.
Lawrence, W. J.
Walborn, Joseph
LATROBE—†Anderson, Geo. C. & Sons (Planing Mill)
†Kuhn, A. L.
Mowry Geo., Derry Sta
Osborne, Samuel M.
†Smith, D. W. & Co. (also Lumber)
†Toner & Baker (Planing Mill)
†Williams, G. W. (also Lumber)
LAUREL—Kaufman, Albert
Lutz, Wm.
LAURELTON—Katherman, Joseph
Miller, S. S.
LEACOCK—Fink, Samuel
Miller, David
LEBANON—Freeman, A. J.
Geesaman, Peter
Miller Bros.
†Reinoehl Lumber Co.
†Spangler, Samuel J. B.
Walter & Lebo
†Weikle, Wm.
†Witmer, A. H.
†Zeigler, Uriah C.
LEECHBURG—Elliott, A. J.
Walferd, Michael
LEESBURG—Anderson, Robert
Frankenburgh, S. W.
Parshall, J.
Rice, E. E.
Simpson, Thomas
LEETSDALE—†Seaman, W. H.
LEHIGHTON—†Bibbighaus, Fink & Co.
Christman, Edw. H.
Clymer, Wm. H.
†Diehl, Geo. W.
†Eaches, John & Sons
Everitt, Chas.
†Everitt, Nathan
Green, Hiram
Krum, Smith & Co.
LE RAYSVILLE—†Morris, T. J.
Morris, W. T.
LE ROY—†Williams, S. F.
LEWISBURG—†Betzer, John
Housel, Frank
†Lesher, Andrew
Yoder, W. E.
LEWISTOWN—Christman, Thaddeus
Montgomery, R. H.
Muthersbaugh, Johnson
Smith, Wm.
Yetter, Irvin
LIMA—†Graul & Thomas
†Rush, Seiper
LIMESTONE—Beer, S. K.
McCormack, J.
McCormack, M.
LIMERICK—Aldauffer, I. R.
LINCOLN UNIVERSITY—†McAllister, G. K.
Otley, J. C.
†Ponzier, James
LINDSEY—Kinsel, E.
†Long, Jas. K. (Large)
Redding & Means
LINE LEXINGTON—Crouthamel, I. O.
Esser, J. M.
LINESVILLE—Beardsley, Hiram
Bears, John
Britton, J. N.
Collins, O. W.
Cram, O. H.
Cunningham, W. A.
LINFIELD—Miller, Albert
LINGLESTOWN—Bergner, John
Feeser, David
Urich, John
LINWOOD STATION—Ewing, James
Green, J. A.
Hendrixson, I. F.
Vernon, F. S.
LITCHFIELD—†Catlin, A. J.
†Tomkins, Ira A.
LITTLE GAP—Costenbader, George
Green, David
Litchenwalter, Lewis
Wagner, Lewis
LITTLESTOWN—Crouse, A. W.
Elinc, John
Hesson, George
LOCK HAVEN—†Beck, John
Friedel, J. H.
Glossner, Daniel
†Good, Geo. S.
†Johnson, J. C.
Shaffer, Chas.
Scheid, Chas.
†Xander, Allen
LOYSVILLE—Ebert, W. D.
Hollenbach, A. A.
Kell, P. G.
Stumm, James
LUMBER CITY—Cupples, J. R.
Henry, W. M.
Hile, W. B.
Jameson, R. H.
Russell, A. W.
Spencer, J. L.
LUMBERVILLE—Flack, G. W.
Rose, Willett
LUZERNE—Bryant, Jos. A.
Curry, J. L.
Edwards, Chas.
Matbers, Charles
†Pemberton, W. & W.
Sage, Thos.
†Snyder, Alexander
LYKENS—Douden, Edwin
Messner, J. W.
Snyder, Isaac
M'CONNELLSBURG—Bender, M. M.
Hoke, George
Linn, John
M'CONNELLSTOWN—Grubb, Abraham
Heiffner, A. M.
Isenberger, Joseph
Lebhart, Wm.
Snare, Albert
Snare, S. C.
M'DONALD—Aitken, J. L.
Hunter, J. A.
†McBeth, A. B.
M'KEANSBURG—Reber, Joshua
Reigel, Solomon
Reinhart, Benjamin
M'KEESPORT—Brown, J. M.
†Hoey, Edw.
†McCord, William
†McCune, D. P
Murray, Thos. H., 13 Hayden
Richpeter, Charles
†Stratton, Daniel
Sykes, W. H.
Verner, S. S.
M'KEE'S ROCKS—†Dorr, A. O.
†Green, G. W.
†Herbst, Jacob
†Huber, A. & Son
Zinkham, Wm.
MACUNGIE—Breich, Wm. F.
Wimmer, Wm.
MAHAFFEY—Cunningham, John
Davis, Miles
Elling, Gust.
Fink, A. D.
Tate, W. E.
MAHANOY CITY—Drum, David
Drum, Charles
†Kester, J. W.
Koch, Thomas
Schoener, G. U.
†Schoener, Wm. M.
†Smith & Champion
Timm, Adolph
MAHONINGTOWN—Patterson, Wm.
Rhoades, Abraham
Rhoades, David
MANCHESTER—†Dewes, Warner
MANHEIM—†Gingrich, N. W.
Ritter, Henry S.
MANOR DALE—Cline & Piper
Hiltz Bros.
Kuhns, J. K.
MANSFIELD—Burton, E. L.
Davis, George
Doane, Eugene
Ellis, Harry
Gillett, M. E.
Haight, O. T.
Mann, B. C.
MAPLETON DEPOT—Shore, D.
Stubbs, S. P.
Swope, H. W.
MARIETTA—†Bahn, Adam
Erisman, Clayton
Naylor, Howard
Sweigart, W. H.
MARIENVILLE—Desmith, Albert
Williams, James
MARSHALLTOWN—Harvey, Thomas
Nields, W. B.
MASONTOWN—Darrall, W. W.
Debolt, R. L.
Housaker, G. W.
Williams, T. O.
MAUCH CHUNK—†Neast, Charles
†Sanders, Josiah
MAYTOWN—†Lenhart, S. B.
MEADVILLE—Beers, C.
Braymer, Whitney
†Crowe, John
†De Vore, C. F., Neason's Hill
†Higgins, C. K. & Son
†Huttelmayer, A. A.
†Jackson, P. S. & Sons
†Keisel, A.
†Ray, S. H.
†Richards, Paul H.
Stein, Martin
Stein, Veith
†Stewart, Hy., 207 Walnut
†Stewart, T. B.
Wimmer, Isaac, 477 Poplar
MECHANICSBURG—Coover, George
†Coover, Wm. H.
Dougherty, W. H.
MEDIA—†Eaves, Wm., Jr.
Fisher, G. F.
Graul, John
Newbold, Wm. R., Jr.
†Seal, Joseph C.
†Worrall, Winfield S.
MERCER—Fike, J. Florence
Huey, Leander
†Mercer Milling & Bldg. Co.
Miller, Harry
Orr, James
Patterson, R. K.
Ringer, Lewis
Zahniser, M. C.
MIDDLETOWN—†Fink & King
†Hoffman, H. C.

McNeal, Martin
Schock, Howard
†Sides, W. S. & Son
MIDWAY—Parkinson, Isaac
Parkinson, William
MIFFLINSBURG—Miller, Enoch
Miller, Enoch
Shivley, J. A.
MILL CITY—Ager, Henry
Cerd, Louis
Ennus, D.
Secorc, James
MILLERTON—Delrain, Wilson
Kinnert, G. W.
MILL HALL—Keenan, John
Mayers, John
MILLMONT—Bowersox, Abram
Bowersox, O. H.
Catherman, Allen
Catherman, Wilson
MILLVALE—†Forsyth & Hillman
MILLVALE—†Wilkins, Wm.
MILTON—†Foust, Jacob
†Johnson, J. W.
Kint, Isaac
†Koch, S. H.
Phillips, M. H.
†Robison, J. W. S.
Waldron, Chas. L.
MINERSVILLE—†Hopkins Bros.
Mowry, James
Osman, Charles
MOHRSVILLE—Althouse, D. H.
Megle, Edwin
Putsch, George
Rothermel, Daniel
MONACA—Hartman, Henry
†Mitchell, J. S. & Son
Mowry, C.
Schwartz, F. R.
MONONGAHELA CITY—†Bartley, Thos. & Son
†Blythe & Co.
Coatsworth, Chas.
†Colvin, F. R. & J. G.
Smock, Robert
†Stephens Bros.
Woodward, David
†Yohe Bros.,
Yore, C. N.
Yore, Frank
MONROE—Dearolph, John
Masters, R. H.
Texter, J.
MONROETON—Bull, Walter
Mason, David
Miller, Amos
MONTGOMERY SQUARE—Bender, H. C.
MONTOURSVILLE—Hall, Collins
Kauffman, Jacob
MONTROSE—Ayres, Gordon
Burgess, H. C.
Carey, C. W.
†Gill, A. H.
Hyde, Martin
Radeken, P. J.
Ring, G. J.
MONROETON—Booth, Jas. M.
†Northrop, Jos.
MORRISVILLE—Cox, W. H.
Hutchinson, Cheston
Ryan, Edward
Speek, John
MOULTON—Carr, F. P. & W. H.
Eachus, E.
Swan, I. F.
Wells, G. E.
Worrell, Jos.
MORWOOD—Gehman, G. L.
Reinhart, M. H.
MOSCOW—†Van Brunt, C. P.
MT. CARMEL—†Geiger, Gibson & Co.
†Keefer, George H.
†Mt. Carmel Lbr. Co.
White, William H.
MT. OLIVER—Grotefend, Albert
Klein, A. F.
Strauss, Charles
MT. PLEASANT—Christian, Jacob
Fishell, John
Lindsey, S. W.
Shaw, D. Z.
Swartz, E. B.
MUNCY—Schook & Poust
Wagner, J. R.
MYERSTOWN—†Lehman, Henry
†Loose, C. & Son
†Snyder, David
†Yost, Cyrus R. (Large)
NANTICOKE—Aldeman, J. P.
Elliott, Charles
†Fahringer, F. &. I.
Jones, Thos. P.
Kamowski, Jos.
†Ransom, Beers & Boone
†Zimmerman, J. W.
NATRONA—†Staffen M. J. (Large)
NAZARETH—Messinger, Frank
Roth, Henry W.
Winderly, Frank
NEIFFLER—Roshow, Milton
NEW BERLIN—Benner, Wm.
Dauberman, S. E.
Wetzel, D. C.
NEWBERRYTOWN—Herman, S. P.
Whissler, M. R.
NEW BETHLEHEM—†Andrews, C. E. Lumber Co. (Large)
Cribbs, C. W.
NEW BLOOMFIELD—Clegg, Christian
†Clouser, Andrew
NEW BRIGHTON—Garmen, Conrad, 11th av
†Lundy, H. F., 513 12th av
†McDanel, R. B. & Sons (Large), c. 1st & 11th
†Martsolf Bros. (Large), 7th, bet. 4th & 5th avs
NEW BUENAVISTA—†Fair, D H. (also Planing Mill)
†Long, Abraham B.
NEWBURG—Creamer, Geo. F.
NEW CASTLE—†Barnett Bros.
Campbell & Young
†Fisher, Henry
†Kline Lumber & Construction Co.
†Lawrence County Lumber Co. (Large)
†McCullough, W. S.
†Miller, W. R.
†New Castle Lumber & Con. Co.
†Stewart, John V.
†Strausheckert, Geo. & Son
†Vance, J. M.
NEW CHESTER—†Witter, Geo. F.
NEW GALILEE—†Young, R. G.
NEW HAVEN—†Patterson, Cooper
NEW HOLLAND—Townsley, J. H.
NEW KENSINGTON—Berg, Albert
†Doherty, Geo. S.
Kaine, M. G.
†Laughlin, R. O.
†Laughlin, W. J.
†Sinclair, E. J.
†White, Henry
NEWLONSBURG—†Kuhns, J. H.
NEWMANSTOWN—Rutter, L. P.
NEW PARIS—†Hiner, Jos. A.
†Otto, Jeremiah
NEWPORT—†Clay, Josiah
Fickes, B. F.
Horting, W. M.
NEWRY—Bugle, John
Campbell, John
Cassidy, D. P.
Conrad, James
NEWTOWN—Ellis, Winfield
†Girton, G. B.
Girton, H. J.
†McClannen, D. J.
NEW TRIPOLI—Mautz, M. D.
Snyder, Frank
NIANTIC—Sell, Jacob J.
Sell, Jno.
NICHOLSON—Clark, Willis
Stephens, A. W.
Worden, H. S.
NINEVAH—Horn, Jonathan
McGlumphy, J. S.
Shape, R.
NORRISTOWN—†Charles, H. F.
†Groff, J. B.
†Hurst, Jas. A.
†Keeler, Henry A.
†Lawler, M. F.
†Loveridge, J. C.
Price & Wager
†Schneider, B. F.
†Simpson, Harry L., Jr.
†Shoffner & Bro., 320 De Kalb
†Smith, T. V.
†Spencer, J. W.
NORRITONVILLE—Beyer, J.
NORTH EAST—Coon, I. H.
Fairchild, D. H.
Staley, A. B.
Woodruff, N. S.
NORTH TONAWANDA—†Ayres, J. M.
†Johnson, Jno.
†Stratton, W. J.
Thompson, A. R.
NORTHUMBERLAND—Lesher, Robert
Maurer, B. F.
†Renninger, Edward W.
Vandling, Peter
NUREMBERG—Beltz, George
Beltz, Wilson
Schlach, Sol.
Schlauch, Amos
OAKDALE—†Wallace, T. C.
OAKS—Boileau, Chas. S.
Gregor, J. B.
OAKLAND—Behan, J. C.
†Chance, C. H.
Hetrick, Joseph
OGONTZ—†Conrad, Wm.
Pool, Saml.
OIL CITY—†Anderson, Thos. S.
Caldwell & Borland
†Earp & Kelley Lumber Co.
†Fulmer, J. H., Clifford st.
Ross, Jno. D.
OLYPHANT—†Brown, M. & Son
Carr, Bernard
†Mitchell, S. P. & Son
Morgan, David
†Shank, J. M.
†Snook, S. M.
ORANGEVILLE—Henry, J. D.
Hering, A. B.
Herring, C.
Neyhard, A.
ORWIGSBURG—Kocher, James
Kramer, M. & Co.
Reigel, Samuel
OSWAYO—Daggett, E.
Maynard, D.
OVERBROOK—Young, M. H.
OXFORD—Walker & Gibson
Wright, Jno. C.
PALM—Gerhard, H. K.
PALMERTON—†Snyder, Paul
PALMYRA—†Shade, Jno. W.
PARDOE—†Paston, James
PARKESBURG—Darlington, Theo.
†Shoemaker, Robt. P.
†Young, T. C.
PARNASSUS—Aker, J. N.
Ellis, H. B.
PARSONS—†Burt, Peter
†Ney & Hicks
†Ross, G. V.
PATTERSON—†Brindle, Jos.
PECKVILLE—Barber, Edgar
Peck Bros.
Peck, W. W.
PEELY—†Elliott, Chas.
PEN ARGYL—†Ede, Walter
Milton, Frantz
Repsher, Jno.
†Shannon, Ede
PENBROOK—Koons & Moyer
PENNLLYN—†Lutz, J. W.
†Thomas & Davis
PENNSBURG—†Fox, Aaron
PENNS STATION—†Myers, J. E. & Co.
PENNSDALE—†Winner, Wm.
PERKASIE—Bishop, Jonas M.
Detwiler, Jacob
†Haring, Harvey
†Nace, Carey B.
Nace, H. B.
PERRYOPOLIS—†Herwick, J. T.
†Layton, Abe
PERRYSVILLE—†Schramm, S. J.
PETERSBURG—Nale, Henry
Temple, Thomas
PHILADELPHIA—Ahlers, Lewis, Salmon bldg
†Allen, Jas. J., Real Estate Trust bldg
†Allison, Frank W. & Co., 1710 Rittenhouse
†Altemus, Lemuel, 5428 Ella, Olney
Ambrose, Isaac, 1341 S. Juniper
Amoroso, Achille, 758 S. 6th
Anderson, Joseph, W 79th, c Eastwick av
†Anderson, John M., 1321 S. 18th
†Appleton & Burrell, 1204 Chancellor
†Armstrong & Latta, Land Title bldg
Armstrong, Geo. W., 209 Sansom
†Arthur, James, Real Est. Trust bldg
†Ash, Geo. W., 1325 Marvine
†Ashby, Jos., 2d st. pk., Fox Chase
†Atkinson, John, 24 S 7th
†Atkinson, Samuel, 2218 N Carlisle
†Atkinson, Samuel, 2323 N 15th
†Axenroth, Chas. A., 330 N. Lawrence
Bahn, W. H. & Co., 5711 Arch
†Baldwin, Wm. M., 4113 Chestnut
†Ballinger, R. C. & Co., 218 N. 13th
†Barraclough, Horatio, 3231 N. Front
†Bartilucci, Ferdinand, 725 S. 7th
†Barton, R. M., 958 N. 11th
†Bean, Nathaniel M., 4351 Gtn. av
Beatty, Jno., 212 Wharton
Beaver, Robert L., 3123 Reach
†Bechtel, Joseph, 906 N 6th
†Beck, Ambrose, 136 N 13th

Bell, Chas. E., 223 S. American
†Benson Improvement Co., 4531 Springfield av
†Berner, Jas. W. & Co., 225 S Sydenham
Bertrand, Paul, 1031 N. Lawrence
Bickel, F. L., 1348 E Palmer
Bird, Jos., 1029 Race
Biscoe, W. E., 3950 Ludlow
†Blatz, Francis J., Lawrence, bel Ruscomb
Bleim, I. E., 1619 N 19th
Botwright, John H., 904 S. 9th
Boyd, M. P., 852 N 15th
Bradford, Wm. R., 2510 N Bouvier
†Bradin, James A., 2036 Sansom
Bramble, Collin F., 2202 N. Colorado
Breidling, Jno., 34 W Rittenhouse, Gtn
Breig, John P., 437 Brown
Breininger, Fredk., 4548 Richmond
Brinkworth, John H., 2152 E Dauphin
Broadbent, John O., 91 Herman, Gtn
†Broome, Fredk., 4003 Sansom
Brocklehurst, Harry, 514 Norris
Broome, Fredk., 4003 Sansom
Brown, Jos. R., 3533 Brandywine
Brown, Wm. R., 2143 E Firth
Bryan, T. & W. J., Ltd., 216 Dock
Bryan, T. & W. J., Ltd., 276 S American
Buchanan, Jno. M., 2432 N Howard
Buckley, Wm. E., 2602 N Fairhill
†Bull, Wm., 4904 Baltimore av
Buner, Andrew J., 218 E Wister, Gtn
Burns, Isaac, 66 E Coulter, Gtn
Busmeier, Otto, 119 Catherine
Butler, Howard J., 1233 Olive
Button, S. M., 2332 N Orkney
†Buzby, Wm. P., 1007 Chancellor
Cale, Alex., 48 E Chestnut av, C Hill
†Caldwell, Jno., 131 Gatzmer
†Campbell, Alex A., 2012 Poplar
Campbell, Colbert C., 1227 S 13th
Campbell, Saml., 1906 Gtn av
Campbell & Son, 2224 Panama
Carberry, Thos. J., 6114 Stenton av, Gtn
Carr, Philip S., 142 Queen, Gtn
†Castor, Frank G., 8204 Frankford av
†Castor, F. G., 8204 Fkd. av
Chapman, Thos. B., 2204 N Sydenham
Chick, J. B., 10 N 58th
Christy, H. S., 4082 Haverford
†Clark, C. E., 115 N 13th
Clark, S. K., 2105 Bolton
Clipsham, Anthony, 1820 Federal
†Clipsham, Jos. A., 1829 S 16th
†Collins, S. M., 3821 Pearl
†Conneen, Andrew M., 1257 N Adler
†Cornell, Jno. S. & Son, Land Title bldg
Correll, D. M., 432 S Van Pelt
Corriston, Wm., 52d c Merion av
†Costello, Peter E., Torresdale av
†Coulter, Chas., 3722 Irving
†Cox, Wm. S., 2158 N 27th
Cramer, Sam, 2918 Dauphin
†Cridland, Sylvester, 1633 N Camac
†Crouse, Jos., 2076 E Cumberland
Cullen, Walter, 418 N 10th
Cuthbertson, E. L., 334 Rox. av, Rox
†Dagney, J. H. & T. W., 7th c Oak la
†Dahl, Henry C., 408 S 5th
†Davis, Thos. M., 240 Cherry
†Davis, Thos. M., 218 Arch
Dawson, Geo. G., 918 Butttonwood
Deetz, M., 2305 Adams
†Deitrich, Frank, 2054 E Lehigh av
†Detlefs, Jno., 1235 Brown
Dickinson, John G., 619 Commerce
Dickson, John & Son, 3045 Frankford av
†Dietrich & Bowser, 939 N 7th
Dilks, Harry M., 3434 N 20th
Dillan, H. P., 1300 Ritner
†Dillon, M. P., Jr., 70 Laurel
†Doan & Biles, 1725 Ranstead
Donato, Antonio, 809 S 8th
Donovan, Jno. I., 139 N 12th
†Dougherty, W. R. (Large), 1604 Sansom
†Douglass, Leslie, 146 Bread
Downward, B. H., 7203 Woodland av
Doyle, James, 878 N 46th
DOYLE & DOAK, 1509 Sansom,
(See adv. index, end of book)
†Draper, Thos. W., 328 N 5th
†Duncan, John, 920 Walnut
Dunlap, J. F., 1510 Melon
†Dutton, W. H. & Bro., 411 S 5th
Duvall, Grafton H., 1735 Oxford, Fkd
Dyer, Albert, 716 Cherry
Dykes, Jas., 2189 E Norris
†Easterbrook, Wm., 519 Commerce
†Eccles, Thomas, 520 Cypress
†Eckman, Chas. H., 2126 N 16th
Eddleman, Wm. H., 453 Green la, Roxb
Eddowes, Jesse C., 1620 N 22d
†Ehmann, John, 1026 Mountain
Elliott, Geo. I., 4672 Franklin, Fkd
Elliott, Louis R., 1700 N 18th
Elvidge, Fredk., 5625 Morris Gtn
†Engle, Chas. B., Oak la, c Union av
†English, Frank G., 1003 N Marshall
†Erwin, Benj. F., 2911 N Reese
Erwin, Jas. P., 1937 Brandywine
Evans, Burd P., 706 N 9th
Evans, H. G., 1504 N Marvine
Evans, James L., 1815 N 7th
Fassett, Albert J., 1624 Carpenter
†Faulkner, Hy. G., 2993 Richmond
Fay, Edward, 2666 Richmond
Feinman, Reubent, 507 S 6th
†Ferguson, Wm. & Son, 405 S 21st
†Ferguson & McDowell, 638 N 20th
Fesler, Wm., 2957 N 3d
†Fetter, Chas. W., 8026 Ditman, Hbg
Fisher, Geo. W., 1505 N Clarion
Fitzgerald, John J., 1704 Rittenhouse
Ford, Samuel D., 876 N 49th
Ford, M. J., & Son, 834 Latona
Fossell, Geo. C., 128 Chelten av, Gtn
†Foster, Jas., 3046 Chestnut
Foulk, Wm. H., 7825 Gtn av
Frain, Jno. B., Real Estate Trust bldg
Franks, Henry L., 814 N 10th
†Freiling, Wm., 2553 N 5th
†Fritzinger, Jno. W., 468 Lyceum av, Rox.
†Fry, W. J. & Co., 1311 Sansom
Funk, E. Y., 1502 N 21st
Gaertner, Jno. F., 1065 Gtn av
†Gardner, Geo. W., Jr., 511 N 40th
Garrett E. B. & Sons, 28 N 52d
Gibeau, Henry, 2404 Lehigh av
†Gibson, Harry, 3937 Haverford
Gibson, Wm. D., 1836 Moyamensing av
†Gill, Harry, Jr., 2200 Gtn av
†Gill, Jno. N., 1213 Filbert
Glassmire & Diamond, 2d c Wyoming av
Glazier, Herbert S., 1841 Ginnodo
Glenn, S. J., 1602 Kater
Goger, Chas. W., 1306 Mt. Vernon
Gohn, Andrew, 3826 Hamilton
Goodfellow, G. & Son, 130 S Clifton
Gorman, Jno. F., 4024 Locust
Gottschalk, John B., 2247 N 5th
†Govett, Lewis W., 319 S Juniper
†Grant, J. Frank, 1625 N 13th
†Griffith, Robert B., 38 S 33d
Groman, Reuben B., 2224 N 6th
Gruhler, Wm. J., 77 Herman, Gtn
Gruters, Walter, Peach, nr Meadow, Fkd
Guenzel, Herman C., 406 Vine
†Haibach, Philip, 2530 Thompson
†Hall, Jairus P., 1314 N Marvine
Haldeman, Geo. D., 1417 N Marvine
Halteman, E. S., 1701 N Croskey
Hambleton, Edw. S., 1727 Hollywood
Hare, Jas. W., 1810 S 17th
†Harris & Sherlock, 1204 Fitzwater
†Hart, Jesse & Sons, York rd c Albanus
Harting, Sam., Gtn av c Johnson Gtn
Hartley, Robert B., 1131 Crease
†Havens', Lewis Sons, 518 Girard bldg
†Hawn, Edward C., 723 Ranstead
Hazlett, Hugh, 1701 N 20th
†Headman, Enos R., 2539 Gtn av
Heinke, Charles A., 63 E Penn, Gtn
†Heist & Doherty, 1503 N Warnock
†Helsengreen, Theo., 4049 Olive av
†Henderson, Wm., 108 S 20th
HENDERSON & CO. (Ltd.) (Large),
1221 Arch. (See adv. index, end of book)
Herzog, Bernard, 252 Diamond
†Hess Jacob P., 217 Sansom
Hill, Chas. L., 932 Moyamensing av
Hill, Jno. B., 241 Kalos, Wiss
†Hill & Stevens, Union av & P. & R. Ry., O. L.
†Hindle, Arthur, 1522 N 21st
†Hoersch, H. & Bro., 5425 N 2d, Olney
Hoffman, Allen, 112 S Front
Holm, F. J. & Son, 4205 Brown
Hooven, Jos. H., 2021 N Lambert
†Hoover, F. L. & Sons, Inc., 631 Chestnut
Hottenstein, Jos., 8605 Gtn, av
†Howden, Jno. 245 N. 16th
†Hubbs, Louis A., 3325 Cumberland
†Huckel, Wm. F., 4326 Paul, Fkd.
Hudson, Henry H., 156 Queen, Gtn
Hudson, W. C., 637 N Preston
†Hunsberger, Ulysses S., 713 Sansom
†Hunt & Warrington, 1638 N Carlisle
Hunter, John, 1728 Latona
†Hurley, T. Ellsworth, 3117 Sp. Garden
†Hurlock, W. A. & Son, Stephen Girard bldg
†Huston, Wm. A., 1311 Jeff'n
†Ingham, Wm. F., 846 N 16th
Inlander, Ignatius G., 721 N 9th
†Irwin, Henry M., 1613 Ranstead
Isaacman, Louis, 507 Kater
Jacoby, W. D., 105 Delaney
†Jarden, Chas. R., 1235 Pine
Jarrett, Chas. F., 2631 Poplar
Johnston, James B., 1534 Fawn
Johnston, James, 1713 Sansom
†Johnston, Wm., 5314 Wyalusing
Jones, Wm. H., 3639 Market
Jorden, Jno. H., 30th c Columbia av
†Judge, Edw. F., 3042 Richmond
Keating, Edw. J., 1033 York
Keefer, Elisha H., 1308 Rodman
†Keeney, Theo. M., 116 N 16th
†Kendrick & Co., 1709 Sansom
†Kendrick & Roberts, Inc., 1118 Chestnut
†Kennedy, Amos D., 2122 Gtn av
†Kerr, Alex., 256 S G22d
Kerr Wm., 1832 Naudain
Kessler, Geo., Drexel bldg
†Ketcham B. & Sons, 1029 Brown
†Kettler, Henry, 1145 S 8th
Keystone House Repairing Co., 1124 Somerset
†Kiely, Cornelius, 1933 E Orleans
Kilpatrick, Jno. T., 1933 Moravian
King & Hay, 1612 N 19th
Kinnard, Jacob, 701 N 34th
†Kinnier's, Jas. Sons, 111 E Chelten av, Gtn
Kirby, Jno., 3447 Fkd. av
†Kister, Henry M., 129 S 7th
†Klebe, John, 1109 Dauphin
†Klebe, John, 2228 N 11th
Knauss, Jno. F., 630 Thompson
†Knight, Owen, Somerton
†Knoll, Geo. W., 2647 Amber
Knowles, Jno. T., 2108 Tryon
†Knox, Samuel & Co., 2109 Wharton
Knudsen, Neil, 2857 Ruth
†Koch, Henry, 408 Fairmount av
†Kohl, John W., Arcade bldg
†Kolp, Henry, 1000 Buttonwood
Kooker, Chas. H., 810 Berk's
†Kramer's Sons, 1314 N Front
Krauss, Christian W., 20 S Orianna
†Krautter, Fred'k. J., 2817 Kensington av
Krewson, Thos. C., 803 Master
Kuehne, Otto G., 2273 Gratz
Kurtz, Isaac R. & Co., 1619 N Marvine
†Lam Building Co., 624 Cherry
†Lamb, Jas. F., 263 S 12th
Lamm, Daniel, 420 Addison
†Lange, Frederick, 2268 N Woodstock
†Laverell, Wm. D., 1730 N Uber
Lazaroff, M. T., 904 Moyam'g av
Lesher, James H., 3920 Folsom
Levin, Jos., 309 Wash'n av
Lewis, Oliver P., 2153 N 7th
Lightfoot, John C., 5543 Morris, Gtn
†Lingo, J. M., 6 N 20th
†Linn, Amos W. & Sons, 4767 Garden, Bdg
Lipp, Fred. H., 408 N 31st
†Little, Thomas & Son, 1222 Clover
Loflin, Jno. B., 3512 Filbert
†Loflin, Geo. W., 241 N 63d
Loughlin, James, 1208 Nectarine
†Loughran, John, 701 Clearfield
†Lovett, Henry L., 316 Callowhill
†Lower, Edward K., 217 Quarry
Luff, Sam'l L., 700 N 19th
Lynch, Jno., 1508 Seybert
Lynch, Thos. A., 1618 N Carlisle
Lyon, Geo. C., 4114 Baltimore av
McBreyer & Kennedy, 5213 Market
McCann, Jas., 1704 Poplar
†McCarty, Thomas, 345 York av
†McCaul, Charles Co., 10 N 11th
†McClelland, David A., 515 S 20th
†McClellan, Samuel, 219 S 16th
McCleman, Hy. A. & Bro., Juniper c Moyg av
McClintock & Weaver, 60 W Johnson, Gtn
†McCloskey, Jas. F., 212 New
McComb, Hugh E., 1912 N Marshall
†McCorkell, A. F. & Son, 2010 N Randolph
†McCoy, John, 1113 Cherry
McCullen, Robert A., 1835 S 20th
McDevitt, P. J., 1918 Cherry
McDowell, Jno., 37 N 7th
†McFadden, John, 2039 Rittenhouse
McGarigle, Daniel J., 3837 Brandywine
McGarry, Michael J., 2023 Cherry
McGinnis, Robert, 210 N 9th
†McKee, Robert, 919 Corinthian av
McKee Bros., 1231 Ludlow
McKenna, Jno. & Sons, 213 N 10th
†McKinley, Joseph, 3335 N 5th
McLaughlin, John, 3730 Cuthbert
McLaughlin & McNamara, 3973 Elser
†McLeister, John, 2218 Pine
McNeill, John, 2412 N Fairhill
McNutt, Jos., 1929 E Allegheny av
†McShain, John, 631 N 17th
†McVaugh, Thos. S., 2d st pk bet. Cothman

McVickar, Jas., 913 S 13th
MacTavish & Hazzard, 1515 Pine
†Machin & Brown, 147 N 7th
Maginnis, John, 132 S 4th
Mahan, Jas. H., 1659 N Adler
†Mahon, P. F., 3016 Chestnut
†Main, Francis P., 1217 Federal
†Manderfield, George C., 331 Montrose
Mark, Frank, 2019 Somerset
Matlack, Jno. C., 2356 E York
†Matthews, Francis E., 3964 Pulaski av
†Melloy, Cormick, 921 S 20th
†Mendenhall, Hayes, 3942 Haverford
†Merritt J. Lingo, 2 S 20th
†Meyer, Wm. Co., Ltd., 206 Quarry
†Michaelsen, F. C., Land Title bldg
Miller, Jno. F., 217 N Clarion
†Mitchell Bros., 2125 Race
Mitchell, Jno., 2929 N 8th
Mitchell, D. A., 132 Clifton
†Mole, Jas., 1718 Cayuga
Monagan, Jas. H., 2009 Sansom
Montcith, Geo. R., 3017 N 4th
†Morgan, Wm. A., 2654 Tulip
†Morgner, Rich'd C., 2047 N Reese
Morrice, Jno. McK., 1702 N Bouvier
†Morris, Wm. V., 319 Dickinson
Morrison, Matthew, 2322 N Howard
Morrison, Sam'l, 3635 N 5th
Morrow, Wm., 320 Harmony
Moyer, Michael H., 3837 Hamilton
†Moyer, H. M., 629 Dauphin
†Moyer, D. C., 305 Buttonwood
Murphius, G. T., 720 N 15th
Mutschler, Otto, 602 Buttonwood
Myers, Geo., Co., 3705 N 5th
†Myers, Jacob & Sons, Witherspoon bldg
Myers, Jos. F., 1327 Ridge av
†Neff, Reuben W., 6609 Gtn av
Newby, Jas., 44 Vogdes
Noble, Thomas, 1842 Sepviva
Norris, Jno. J., 2048 Reed
Nutz & Worthington, 1308 Wallace
Oakes & Tvas, 45 N 13th
†O'Brien Bros., 5624 Chew, Gtn
†Oler, Horace H., 1600 N Front
Otto, Franz, 821 Spring Garden
Packard, Theo. H., 705 N 9th
†Park, John K., 2419 Coral
†Parker, S. D., 5925 Baynton, Gtn
Parkinson Bros., 647 E Clearfield
†Parrott, Harry J., 431 N Darien
Patterson, Jas. M., 416 S 21st
†Patterson, Wm. J., 46 W Southampton av, C Hill
†Payne, Geo. F. & Co., 401 S Juniper
†Payne, John L., 144 Broad
Paynter, F. S., 1749 S 4th
Pedrick, Jno. D., 2504 N 18th
Pennock, J. E. & A. L., 307 Walnut
Penrose, Thos. H., 321 S Lawrence
†Peoples Bros., 1301 N 27th
Perelstein, Saml., 531 S Randolph
†Peters, Sylvester M., 512 Erie av
Pharaoh, Jesse R., 309 Master
Pilkington & Kendrick, 4014 Irving
†Platt, Chas. J. W., 1018 Appletree
†Price, Jos., 327 S 20th
Priestly, Wm. H., 2619 N Mascher
Pugh, Sam'l L., 1223 Vine
Quinn, Jos., 1404 N Front
†Raff, A. Raymond, 1635 Thompson
†Ransome Construction Co., Harrison bldg
Rauschning, R. T., 513 N Orianna
Rea, H. C., 1815 Francis
Rea, Saml. J., 1608 Fairmount av
†Reber, C. M., 1018 Spring
†Reber, M. H., 1018 Spring
†Reeves, Stacy & Sons (Large), 1611 Filbert
Rheiner, Wm. J., 1345 Venango
†Ribble, Nicholas, 1510 Cuthbert
†Richards & Shourds, 1125 Spring
Richey, Merritt W., 5008 Pentridge
†Riley, Sam'l R., 627 Filbert
Ringle, Wm. T., 1216 Addison
†Rinker, Frank H., 440 Winona, Gtn
Ritchie, Geo., Jr., 3621 Woodland av
†Ritchie, Jos., 2733 Oxford
†Roberts, Jos. H. & Son, 121 Wildey
†Roberts, J. H., & Son, 1227 Palesthorp
Robinson, Russell, 8954 Frankford av
Robson, Robt., 1827 Naudain
Roeder, Chas. M., 1927 N 11th
Rogers, Chas. H., 2918 York
Rollison, Jos., 2218 E Lehigh av
†Romig, Franklin D., 207 Ionic
Rose, Jacob, 513 Carpenter
Roth Geo. S., 2418 E Graver's la, C Hill
†Rouleau, Francis, 2402 N 27th
†Roydhouse, Arcy & Co., Fidelity bldg
Ruff, John G., 1529 Filbert
†Rust, Harry R., 828 Filbert
Sanders, A. T., 2145 N Marvine
†Saunders, Harry T., 230 N. 22d
Saunders & Sollenberger, 1106 Cambria
†Schmid, Matthew, 1308 N 6th
†Schmidt, H. C., 817 Indiana av
Schmidt, Rudolph, 1731 N 4th
†Schneider, Henry P., 9th & Tioga
Schoch, Hy. R., Stephen Girard bldg
Schock, Wilbert, 45 Springfield av, c Hill
†Schreiber, August, 2030 N Howard
Schuler, D. C., & Son, 2327 N 6th
†Schultz, Henry G., & Son, 3340 N Carlisle
Schwab, Leonard, 1246 N Warnock
Schwartze, Charles E., 617 Cherry
†Scott, Robert, 2422 Nectarine
†Seeds, Thos. M. Jr., (Large) 1216 Race
Seidel, Chas. G., 1527 S Lambert
Sexton, Wm. H., 228 Ionic
†Sharp, C. F., 1706 De Lancey
†Sharpless, Thos., 1117 S 47th
Shedwick, Wm. J., 618 N 34th
†Shoemaker, H. B. & Co., 17 S 9th
Shoemaker, Samuel, 5603 Haverford
Simpson, Alex. P., 181 W. Price, Gtn
†Sipps, Geo. L., 212 W Washn
†Sladen, G. E. & Co., 1224 Clover
Smith, Anthony J., 1111 S 27th
Smith, John H., 1032 Cross
Smith, Jos. R., 530 Pine
Smith, Isaac, 742 Martin Rox
†Smith, Walter B., Real Estate Trust bldg
†Smith, Wm. J., 1823 S 5th
†Snyder, L. V., 128 S 2d
Soden, R. H., 425 Locust
Sorber, Geo. A., 13 Harvey, Gtn
Souder, Harry, 1313 Castle av
†Spare, Stroud P., 1601 Brandywine
Speck, Gottlieb, 2044 N Lawrence
†Spencer, Chas. J., 722 Beach
†Sperry, Daniel W., 1305 Arch
†Stafford, John, 1112 Chestnut
Stanley, David, 514 S 22d
Stapler, R. R., 1508 Cambridge
Staples, John, 4822 Yocum
†Steele, Wm., & Sons (Large), 1600 Arch
Stehr, W. W., 2316 Adams
Steinmetz, A. & Co., 321 Arch
Steinmetz, George W., 434 N 60th
†Sterling, Bowman S., 608 Chestnut
Stevenson, G. H., 2911 Diamond
†Stevenson, Jas. L., 3001 Diamond
Stevenson, W. T., 2346 Meredith
†Stewart Bros., 2526 N Orkney
Stewart, D. L., 407 Cherry
Stoddard, H. H., 1507 E Susquehanna av
Stone, W. E., 2148 E Norris
Straw, R. J., 3618 Powelton av
†Street, Tamany P., 903 Carlton
†Strickler, Chas., 2075 Margaret, Fkd
Strittmatter, Balthasar, 931 Silver
Strockbine, Harry, 427 Fairmount av
†Strode, R. W. & Sons, 6 N 18th
Stroup, Oliver P., 1723 N 10th
†Sturts, Ernest H., 2614 Ridge av
Summy, Daniel C., 1730 Christian
Suplee, Amos, 1210 Federal
Suplee, Edwin F., 3440 Filbert
Sylvester, Charles, 338 N Lawrence
†Tarlo, Robt. & Son, 413 S 5th
†Taylor, Geo. W., Strahle, Fox Chase
Taylor, James H., 247 N Watts
†Tecklenburg, Wm., 2005 N 5th
Thomas, W. B., 1013 Ridge av
Thompson, I. Walter, 200 S Hutchinson
Thompson, John B., 1608 Ludlow
Thompson, J. P., 1721 Ionic
Thompson, Jno. D., 308 S 12th
Thompson, Jos. N., 2044 Cuthbert
†Thompson, Samuel, 214 Chancellor
†Thompson, Starrett Co., Real Estate Trust bldg
†Tomlinson, Jos. S., 1710 Venango
Toms, Frederick B., 1916 S 13th
†Tourison, Ashton S., 6805 Gtn av
†Townsend, Asher C., 1311 S American
†Trafford, Thos. C. (Large), 2355 N 15th
Tryday, Walter, 1623 Sansom
†Vanderslice, J. B., 5th & Luzerne
†Vanderslice, Thomas L., 1858 N 22d
Van Leer, Geo. R., 3838 Market
Vaugh, Wm. F. & Son, 322 Jackson
Vodges, Frank H., 3970 Mt Vernon
†Walker, Benj., 3953 Gtn av
†Walker, G. L., & Son, 1014 Glenwood av
Walter, Jacob P., 1325 Ogden
Warren & Stevens, 28 N 5th
†Watson, Geo. & Son, 907 N Marshall
†Weadley, Sidney H. (Large), 670 N Park av
Weber, Philip, 1326 N 4th
Weil, John M., 4881 Lancaster av
†Wells, C. F. & Son, 228 S 8th
†Welsh, Matthew, 7000 Woodland av
†Welsh, Thomas M., 758 S Broad
Welstead, A., 2315 South
†Wenzelberger, Jacob F., 2344 Bridge, Fkd
West, Cornelius, 1134 Herbert, Fkd
Westcoat, A. H., 1717 Brandywine
Westerhood, George W., 809 S 19th
Weyman, F. B., 1103 E Susquehanna av
†Whelan Bros., 1301 Wolf
†White, John C., 421 N 8th
White, Lemuel A., 1101 Tioga
White, Rush J. & Sons, 2115 Wallace
†Whitehead, Alfred, 1624 Latimer
Widd, Wm., 2431 Callowhill
†Wiggins, John R., & Co., Heed bldg
Wildey, Chas. R., 1133 Crease
†Wilkinson, Robt., 1705 Carlton
†Williams', Arthur H. Sons, 419 Locust
†Wilson, A. C., 4060 Powelton av
†Wilson, John A., 1222 N 11th
†Wilson, J. Sons, 1125 Brown
Wilt, Chas. B., 159 W Springfield av c Hill
Woelfel, Chas., 614 Cambria
†Wolff, John F., 774 N 46th
Wood, Theophilus, 2610 Edgemont
Woodoth, D. F., 216 Quarry
Woodward, Lewis, 1709 Panama
Wright, A. J., 2043 Westmoreland
†Wright, John D., 2222 S 13th
†Wright, Wm. C., 22 Harvey, Gtn
†Wulf, Theo. W., 1224 Dickinson
Yard, Edw. D., 1720 N 23d
Yerkes, Krewson, 1203 Somerset
†Yoder, Andrew D., 1221 Jeff'n
Yost, William P., 2860 Emerald
Young, Chas. F., 3725 Ludlow
Yundt, Charles, 2108 N 6th
†Zane, Anthony M., 26 S 15th
†Zane, George W. & J. M., 22d c Lehigh av
Zimmerman, Wm., 1916 S 4th
Zoelle, John, 1438 Gtn av

PHILIPSBURG—†Hoover, Hughes & Co.
†Jones, Jacob
†Lukins, J. A. & Son
†Murray Lumber Co.
Rhule, G. M.
Wilcox, H. B.

PHOENIXVILLE—†Carter, Harry.
†Elliott, Harvey V.
†Harley & Young
†Hawk, Alex.
†Keenan, Jas.
Knerr, Wm.
Lowry, Irvin

PICKERING—†Young, Jesse K.

PICTURE ROCKS—†Little, A. C.

PITCAIRN—†Graham, J. M.
†Lesher, Frank
†Palmer, C. W. (Large)

PITTSBURG—†Adams, R. L., 5126 Penn av
†Alberts, W. E., 375 Spahr
†Anderson, Wm. & Son, 421 Wood
†Bennett, W. B., 5708 Rural
†Benz, L. & Bros. (Large), 14 S 13th
†Bigelow & Stevens, 5159 Stanton av
†Bollinger Bros., 133 1st av
†Bollinger, G. L. Construction Co., Empire bldg
†Booth & Finn (Ltd.), 1942 Forbes
†Bossinger, Edw. H., 200 Brushton av
Breitweizer, Wm. G., House bldg
†Brown, Benj. F., 5990 Center av
Brown Bros., Ann nr Seneca
Browning Bros., 31 Strawberry ay
†Calhoon & Miller, 4213 Sherman
†Commercial Building Co., 345 4th av
Corcoran, J. G. Co., House bldg
Cowan, J. S., 506 4th av
†Crawford, D. F. Co., 603 5th av
Day & Goodwin, 5990 Center av
Deeds Bros., Westinghouse bldg
†Dick, Wm. J., 15 Scott pl
Dykman, J. E., 7222 Kelly
†Ehmer, Valentine, 141 Wash'n av
Ehrlinger, Jno., 71 Van Braan
†Feth, John P., 3327 Madison av
Fischer, F. L., 2004 Ann
†Gillespie, T. A., Co., Westinghouse bldg
†Golden & Crick, 3512 5th av
Gould Building Co., Farmers B'k bldg
†Groah, Benj. A., & Co., 409 Market
†House, Edw., 703 Oakwood
†Howley, W. E., Bijou bldg
†Jones, Evan, 619 Park bldg
†Kerr & Fox (Large), 2565 5th av
†Kerr's, Wm. Sons (Large), Lewis bldg
King, Geo. W., 4315 Main
†Krall Bros., 7016 Hermitage
†Kress-Hanlon Co., 4779 Liberty av
†Kreusler, H. L., 3301 Penn av
†Lehrmann, Hy., 174 Monostery
†Lauer, J. & Sons, 814 Portland
†Lydick, J. A., 318 N Euclid av

†Lydon, Mark, 5409 Keystone
†McCaslin, Saml., 6824 Kelly
†McGavern & Lytle, 311 2d av
McGinnis Bros., 202 S. Millvale av
McGregor, A. & Sons 2708 Wylie av
†Martsolf, Fred'k C. (Large), 218 4th av
†Mason, Wm. B., 29 Penn av
†Meyer, J. Martin, 2116 Sarah
Milby & Reed, 623 Park bldg
Miller, Wm. & Sons (Large), Frick bldg
Miller & Witzel, Bristol nr Augustine
†Murphy Bros., 213 6th av
†Murphy & Hamilton, 409 Market
†Nelson & Buchanan, 200 Lewis blk
†Nickel, Geo., 4406 Calvin
†Nicola Building Co., Farmers B'k bldg
†Ott Bros., 414 Wash'n av
†Pittsburg Building Co., 401 Liberty av
†Ploch, Wm., 56 S 19th
Pitssburg Building Co., 401 Liberty av
†Powell, W. T., 508 4th av
Pownall, W. D., 9 Granville
†Price, Wm. W., 301 Ferguson blk
†Richmond, Andrew & Son, 541 Wood
Schmunk, G. Henry, 513 Lewis blk
†Scott, Jno. F. & Co., 506 Smith blk
†Siebert, Jno. & Sons Co., 1700 Jane
†Senge, Michael. 5272 Keystone
Shearer, Isaac W., 235 Brushton av
†Shenk, Henry, Contracting Co. (Large), Lewis blk
†Siebert, Jno. & Sons Co., 1700 Jane
STEWART, JAS. A. & CO., German Westinghouse bldg
†Stratton, Lewis & Co., 327 1st av
†Thompson-Starrett Co., Frick bldg
†Van Ormer. Harry C., 5932 Harvard
Williams, A. H. & Sons, Wood & 6th av
†Wilson, A. & S., Co. (Large), 543 3d av
†Wilson, Alex., 4507 Forbes
Wollett, Thos. D. & Sons, 31 Wash'n av
Wright, R. S., Ferguson blk
†Zahn & Cameron. Tradesmen's bldg
†Zimmerman. F. E. & Co., 119 1st av
Zanniser, W. J., 4326 Butler

PITTSTON—†Allen, W. R.
†Dershimer & Griffin, 123 S Main
†English, Robt. J.
†Hoover, A. R., 808 Wyo. av, W P
†Jenkins Bros., 332 Delaware av, W P
Johnson & Bennett
†Martin, T. H., W P
†Reilly, J. J.
†Snell, Henry
†Snell, W. G. & Son, W P
Wicks, John
†Wilson, G. K.

PLAINSVILLE—†Harding, M. S. (Large, also Lumber)
PLEASANT GROVE—†Tollinger, Franklin
PLUM—†Beers, J. W. (Large)
PLUMSTEADVILLE—†Snyder, Sam'l A.

PLYMOUTH—Bates, Jno. F.
†Bonham & Bonham
Marks, L. E.
†Perkins, Harry
Ransom, Chas. C. (Large)
Thomas, Theo. G.
Watkins, Chas.

PLYMOUTH MEETING—Bowers, David
Brooke, Evan
Pearce & Cambern

POINT MARION—Franckenberry, W. S.
Johnson, N. M.
Litman, T. R.
†Sidwell, H. J.

POINT PLEASANT—Nonemaker, T.
Samsel, J. M.

PORT ALLEGHENY—Brown, E. H.
Helmer, A. D.
Williamson, J. H.
Wright, Wareham

PORT CARBON—O'Neil, P. J.
†Runkle, Chas. R.
Slattery, J. W.

PORTLAND—†Datesman, P.
†Kuntz, R.

PORT ROYAL—†McCahan, Wm. A.

PORT TREVERTON—Arnold, Calvin
Gensemer, Adam
Neitz, B. B.
Reichelderfer, Samuel
Reichelderfer, Thomas

POTTSGROVE—†Kramer, J. B.
†McGinnis, J. Y.

POTTSTOWN—†Davidheiser & Keiser
†Davidheiser & Wiand (Large).
†Gabel Bros.
†Wolf, H. B.
†Yocum Bros.

POTTSVILLE—†Baumgarten, A., 518 W Arch
Kilgus, Jacob, Pierce st
†Medlar, L. T., 7 N 9th
†Moyer, H. M., Morris bldg
†Schum, A. D., Norwegian n 2d
†Wolf & Aregood, Sanderson ab Railroad
†Zimmerman, H. & Son, 4th c Arch

POWELL—Rosengrant, Jas. S.

PRICEBURG—†Walzo, John
†Weiland, Geo. W.

PROSPECTVILLE—Barlow, David
Fry, Geo.

PUNXSUTAWNEY—†Depp, W. R.
Hughes, Nicholas
Long, J. K.
McCleary, Robt
Reese, Hiram

QUAKERTOWN—†Biehn, Milton B.
†Shearer, Samuel & Son
Stoneback, J. W.
Taylor, C. M.
†Weidemeyer, John N.

QUINCY—Milley, David
Smetzer, Jacob

RAVEN RUN—Moyer, W. I.
Whalen, James

RAWLINSVILLE—Duffy, F. P.
Evans, Elmer
Evans, Jacob
Jones, Samuel
Miller, C. D.

READING—†Beard, Geo. W., & Co. (Large)
†Brossman, Adam B (Large)
†Focht, L. H. (Large), 529 Court
†Heckman, Harry A., 40 N 8th
†Heine, Jos. A., 1904 Park
†Hemmig, Albert, 249 Washington
†Hinnershitz & Rehr, 124 Cedar
†Kline, Jacob, 639 Walnut
†Koch, J. S., 234 G'wich
†Kretz, A. H. (Large)
†Kutz, W. C., 422 Chestnut
†Landis, E. W. (Large)
Matz, J. F. & Son, W Reading
†Moser, David, 920 Washington
†Rehr & Fricker (Large), 124 Cedar
†Roland & Leader (Large), 856 Penn
†Rummel, W. H., 1250 Perk av
Schaetzle & Weinfold, 668 N 12th
†White & Wagner, 1207 Oley

REBERSBURGH—Bierley, R. D.
Brungart, H.
Garrett, G. P.
Lose, S.
Stover, Elias
Weber, George

RED HILL—Beyers, Abraham

REHRERSBURGH—Aunspach, Daniel
Deglen, John
Gerhard, J. G.
Moyer, D. W.
Moyer, Wm.

RENOVO—Irwin, H. M.
Jones, Jas.

REYNOLDSVILLE—Evans, Thos.
†Hayes, John M.
†Miles, Robert L.
†Myers, Jeremiah
Young, J. V.

RICE'S LANDING—Black, John
Davis, R. I.
Denny, Clark
Jewell, John
Kline, James

RIDGWAY—Conn, T. S.
†Hyde, Murphy & Co.

RIDLEY PARK—Buchanan, Jacob
Shirley, J. R.
Stone, Josiah

RIEGELSVILLE—Clark & Cooley
Wolf, Samuel
Wolf, William

RINGTOWN—Kester, J. B.
Landig, Joseph
Stauffer, E. K.

RIVERSIDE—Bucher, Samuel
Krickbaum, Wm.
Campbell, Joseph
Yeager, Henry

ROCHESTER—Barto, A. J
Bennett, S.
Kountz, Wm.
Miller, Wm. & Sons.
Trax, L. W.

ROME—†Barnes, Truman, B.
†Marshall, Leslie G.

ROSEMONT—Ferguson, G. W.
†Gray Bros.
Pyle, Jesse
Sim, Charles

ROSS—McDowell, John
Moore, W. H. C.

ROUZEVILLE—Donnelly, A.
Haugh, A. G.
Reaves, Joseph
Sheldon, William

ROXBURY—Buck, John
Hamilton, J. R.
Swanger, Harvey

ROYERSFORD—†Adams, Lewis
Mowry, Jacob (Large)

RUSSELLVILLE—Chamberlain, Titus
†Wickersham, Richard & Bro.

RUTLEDGE—Henderson, Wm.
Lap, M. B.
Lawton, Eli
†Wells, C. M.

SABINSVILLE—Cole, C. B.
Gee, C. B.
Gee, V. R.
King, Alfred
Riley, Bliss

SAEGERSTOWN—Birge, Monroe
Fearinger, Eli
Heist, George
Sigendoll, Henry
Woodring, Wm.

SAEGERSVILLE—Kressly, Reuben
Snyder, H. G.
Weaver, David

ST. CLAIR—†Kear & Crowe
†Klinger & Loftus
†Lachman & Hughes
†Mettam, Albert
†Oestreich, Maurice & Son
†Thorn, W. W.

ST. MARY'S—†Butsch, M. C.
Brehm, Andrew
†Ernst, Thos.
†Jacobs, Jos.
†Schlimm, Jos.
†Valentine Bros.

ST. PETER'S—Kimes, J.
Schlipf, H.
†Templin, John & Prizer

SALTSBURG—†Carnahan Bros
Martin, John, Jr.

SAYRE—Beloud, G. Fred'k
†Basford & Kunes
†Carey, Chas. J.
†Hakes, Fred. R.
†Johnson, Mahlon
Maney, Thos. P.
Reeves, Madison W.

SCHAEFFERSTOWN—Hartman, B.
Hartman, Jacob
Leandis, J. H.
Miller, Wm.

SCHUYLKILL HAVEN—Henne, E.
Henne, W.
Meck, Charles
Sterner, Jerry
Sterner, Robt.

SCOTTDALE—Eicher Bros.
Johnson, Lowery
†Stoner, A. F. & J. P.
†Wirsing, J. W.

SCRANTON—†Benore, John (Large), 710 Scranton
Boland, C. T., 1131 Pittston av
Boland, P. S., 508 Oak
Burke Bros., Connell bldg
Cadden, Michael A., 1125 Luzerne
Dunning Engineering & Construction Co., Mears bldg
Dean, Reuben C., 1440 Church av
Dunn, Benjamin, 1113 Del
†Elias, David P., 1310 Washburn
†Finn, Ezra & Sons, c Ash & Penn
Flanaghan & O'Brien, 1717 Luzerne
Hagen, Ferdinand & Son, 526 Alder
Hower & Stender, Jeff av & Ash
Huff, Curtis, 507 S. Blakeley
†Hughes, Edwin G. & Co., 230 S Main av
Keiper Bros., 815 Quincy av
Lathrop, Shea & Henwood Co., Board of Trade bldg
Lord & Waterman, 948 Wyo. av
Marwick, J. & Co., 1427 Luzerne
†May, Patrick F., 344 S. Wash'n av
†Moyer, F. M., 920 Penn av
†Muldoon, Pat'k, 1226 Penn av
Mulherin, John, 1107 Mitchell
Mulherin & Judge, 1400 Remington
†O'Neil, John T., Commonwealth bldg
†Parks, John, 409 Hallstead ct
†Schroeder, Conrad (Large), Connell bldg
Stripp, Matt, Board of Trade bldg
Snook, S. M., Mears bldg
Sprague & Henwood, Board of Trade bldg
Spruks Bros., 220 Webster av
†Washburn, Williams & Co., 131 Mer'dn
Williams, Edwin S., Coal Exch. bldg
†Woodling, J. J., 617 Dupont ct

SEIBERLINGVILLE—Dengler, Jos.
Fenstermaker, Jonas
Gehringer, James
Gehringer, Joel
Wagaman, Jacob

SEWICKLEY—†Beal, E. H.
†Challis, Daniel W.
McMillan, John
†Moore, Albert
†Scott, E. W. & Son
Walker, Reason
SHAMOKIN—†Coates, T. J.
†Heim, D. D. (Large)
†Kessler, Jos. W. (Large)
Raup, H. P. & Sons (Large)
†Reed, Francis T.
SHANNONDALE—Hankey, M.
Wolfgang, S.
SHARON—Budd, B. F.
†Cook, Rine & Son
†South Sharon Lumber Co. (Large)
†Taylor Bros.
†Wallis & Carley
Weaver, C. W.
†Wishart, A. & Son
SHARON HILL—Bonsall, A.
Knight, F.
Winner, J. F.
SHARPSBURG—†Yerkins, C. W.
†Yerkins, Geo. T.
SHARTLESVILLE—Clouser, A.
Moyer, J. G.
SHENANDOAH—Bell, Jos.
Burns, John
†Cooney, John
Conville, John
Davis, Jesse B.
Dougherty, Christ.
†Johnson, J. W.
Kennelly, Daniel
Laing, John
Laing, William
Lindemuth, John
Master, M. H.
Metger, Henry
O'Hearn, James
Schoppe, Charles
SHENANGO—Hogue, John
Shaffer, A. P.
Shaffer, Byron
SHIPPENSBURG—†Heller, Marcus
Hosfeld, John (Large)
†Smith, ——
SHOEMAKERSVILLE—†Hechman, Adam S.
†Hechman, Jere W.
†High, Cyrus
†Wheeler, Charles
†Williams, Samuel
SILVARA—Crawford, Benjamin
SILVER CREEK—Crosby, N.
Fogarty, J.
Rooney, T.
SKINNERS EDDY—Lake, Edw. S.
SKIPPACK—Faust, J. U.
Pool, C. M.
SLATINGTON—†Bachman, Henry J.
†Follweiller, A.
†Kern, Griffith
SMITHFIELD—Field, E. W.
Huhn, Henry, Sr.
Lewis, Thomas
Vance, James
SOUTH BETHLEHEM—†Berger, Morris
†Beysher, Cornelius (Large)
Birkel, Benedict H.
†Danzer, William F.
SOUTH WAVERLY—†Genwing, Sherman A.
Seacord, Willie E.
SPARTANSBURGH—Bammer, A. W.
Sliter, J. D.
Taylor, M.
SPORTING HILL—Breneman, H.
Miller, F.
SPRINGBORO—Fish, R. H.
Seeley, Andrew
West, Henry
SPRING CITY—†Keiter, John
Rettew, John
†Spotts, Henry
SPRINGDALE—Gumbert, John
Miller, T. D.
SPRINGFIELD—†Gates, William
†Patterson, James H.
Stacy, N. P.
STEELTON—Malehorn, John G.
Reitzel, Samuel E.
†Schell & Dunkle
Wise, William H.
STEINSVILLE—Follweiler, J.
Jones, T. F.
STEVENS—Long, Heflly & Beringer
Wolf, Jacob
STEWARTSTOWN—Fisher, J. M.
Waltmeyer, J.
STONE CHURCH—†Harring, Milton B.
STRASBURGH—Aument, John R.
Book, M. F.
Ingraham, J. F.
STROUDSBURGH—†Drake, Lewis
Garrison, John
Lee, Wesley
SUGAR RUN—†Crandall, G. B.
Gamble, J. J.
Mann, G. W.
Snell, E. J.
SUMMIT HILL—†Breslin, Andrew
SUNBURY—†Keefer, G. W.
†Keefer, J. S.
†Kelley, Elmer E.
†Malick, S. P.
†Ruthrauf & Keefer
†Simpson, William
SUPLEE—Piersol, George Warren
SUSQUEHANNA—†Ash, Charles
†Belcher, M. B.
†Benson, C. L.
Foster, W. H.
Keene, William
Perry, F. P.
†Perry & Lewis
Tarbox, S. W.
†Washburn, James
SWARTHMORE—Lewis, A. C.
SYLVANIA—Card, J. R.
Keyes, A.
Stevens, Horace
TAMAQUA—†Becker & Schilbe (Large)
†Christ, I. & Co.
†Schilbe, J. A.
†Urich, Jos. B.
†Weaver, Daniel, & Son (Large)
TARENTUM—†Ferris & Campbell
Morrell, G. R.
†Myers & Sefton
†Ready & Bartholic
TELFORD—Detweiler, W. D.
Wolf, J. B.
THOMPSONTOWN—Shuman, David
Tennis, E. A. & Bro.
TIDIOUTE—Lott, H. C.
TIONESTA—Chadwick, J. R.
Foreman, H. M.
Hepler, H.
Huling, J. A.
TITUSVILLE—Kough, J. J.
Nixon, James A.
Robinson, Myron C.
Walker, E. H.
TORRESDALE—†Robinson, Russell
TORREY—†Reynolds, Sidney F.
TOWANDA—Acla, Jno. W.
†Brutsman, Andrew R.
†Fenner, Delanson, Jr.
†Fenner, Orlando
Drislane, Richard
†Searles, Irving W.
TRAPPE—Poley, Anthony
Poley, John
Shuler, Daniel
TREMONT—Fulmer, D. C.
Fulmer, W. E.
TREVORTON—Martz, Jacob
Schweitzer, John
Shutz, J. M.
Sigafoos, Michael
TROY—†Allen, John B.
†Case, Charles J.
†Kerrick, Nelson
McNulty & Butler
†Palmer, Philip A.
†Parke Bros.
†Rockwell, Curtis P.
†Sucese & Case
TULLYTOWN—Moon, William
Wharton, J. S.
TUNKHANNOCK—†Crawford, Wesley
†Jennings, S. W.
Jennings, Wallace
Moss, A. B.
TURTLE CREEK—†Clark, H. S.
†Jobe, E. A.
TUSCARORA—Kershner, John
Lenk, Moses
TYRONE—Beam, John W.
†Beyer, F. D. & Co.
†McCamant, S. & Co.
Nivling, John A.
Shirk, T. T.
ULSTER—†Howie, T. J.
ULYSSES—Eddy, E. R.
Hosley, D. E.
Merrill, G. W.
UNION CITY—Clark, Eugene
Jackson, W. E.
Middleton, J. W.
†Wright, George
UNIONTOWN—Snead, Robert
†Union Planing Mill Co.
UNIONVILLE—†Cox, Jesse O.
Love, G. W.
UPPER DARBY—Thompson, Andrew
Zell, Jacob
UPPER STRASBURG—Bowen, J. B.
Gipe, J. & Son
Leedy, M. J.
Worthington, R.
URSINA—Keslar & Shannon
Zimmerman, H.
UTICA—Cousins, L. F.
Glenn, W. S.
McCracken, S. P.
VAWTER—Bostwick, C. P.
†Steinfest, Joseph
Van Etten, Frank
†Vibbert, C. M.
WALNUT POST—†Andreas, Amandas P.
WARREN—Baker, Edwin F.
Grindley, John G.
Hamlin, Charles
†Hamm, C. E.
Hand, John M.
Hansen, John
†Newmaker & Reed
†Swanson, Theo. F.
Uhdey, C. W.
Walker, John A.
Wickizer, J. H.
WARREN CENTRE—Barton, J. William
Sommers, E. T.
WARRENSVILLE—Delker, Frederick
Kimble, W. S.
Meyers, Frank
WARWICK—Painter, William
Sheiler, Thomas
WASHINGTON—†Darrah, George B.
†Driehorst, L. P., 140 W Wheeling, South
Stewart & Rossell
†Van Kirk, E. M. M.
†Van Kirk, Nelson & Son (Large)
†Vester, Stewart & Rossell (Large)
†Walker & Slater (Large)
WATERFORD—Burns, C. M.
Finn, C. H.
WATSONTOWN—Barto, D. F.
Cummings, James
Miller, William
WAYNE—†Dyson, Joseph
†Johnson, R. H. & Co.
†Lengle, J. D.
†Maguire, Frank T.
Wilson, Yerkes
Young, Milton
WAYNESBORO—†American Mfg. Co.
†Hess, D. W. (Large)
Weirhime, John
WAYNESBURG—†Funk, M.
†Harkins, Arch
Milligan, Robert J.
Patterson, F. M.
†Sellers, A. H.
Wilson, W. T.
WEBSTER—Anderson, C. E.
Fell, W. A.
Henderson, J. J.
WELDON—Luff, F. H.
WELLS—Dagget, M. W.
Moore, John
†Van Bencoten, Jerome
WELLSBORO—†Benjamin, William
Dimmrick, Oscar
†Forsyth, A. J.
Louden, Robert
†Sturock, A. J.
Weller, Frank
Weller, William
WEST ALEXANDER—Bushfield, S.
Hays, J. S.
WEST BURLINGTON—Dickenson, E. K.
WEST CHESTER—Burns, Harry M.
Darlington, Howard G.
†Farrell, M. & T. E.
†Griffith, E. R. & W. H.
Jefferies, P. E.
Jones, William H.
†McFadden, John W.
Malin, William H.
†Walker, E. C. (Large)
WEST CONSHOHOCKEN—Nobbit, Alfred
Schrack, Frank
WEST ELIZABETH—Arthur, James
Wilson, T. J.
WEST FAIRVIEW—Livingston, George
Luse, F. D.
May, Daniel
Shaull, W. H.
WESTFIELD—Burdic, D.
Fenton, H. J.
Gardner, C.

Gardner, H.
Hancock, J. W.
King, H. D.
WEST FRANKLIN—McKee, Bradford
WEST GROVE—Cooper, Cyrus
Little, Hy. P.
WEST MIDDLESEX—Gundy, Jacob
Gundy, John
WEST NEWTON—†Finley & Campbell (also Lumber)
†Neff, C. C. (also Planing Mill)
†Seholl, M. F. (also Planing Mill)
WEST POINT—Kriebel, Aaron
WESTPORT—Emery, J. L.
McCloskey, W. T.
Myers, I. C.
Smith, James
WEST WHITELAND—Speakland, W. H.
Walker, J. J.
WEST WILLOW—Eckman, Jacob
Miller, H. M.
WETONA—Sargeant, D. M.
WILAWANA—Squire, Henry M.
WILKESBARRE—†Auten, Joseph H., 72 S Main
†Coil L. J., 59 Gildersleeve
Davey & Washey, 110 E Market
Dickover, Geo. T., Simon Long bldg
Eckert, George P. F., 434 Carey av
†Eyerman, Joseph, 519 S River
Gaynor, Joseph M., 77 S Grant
†Hahn, L. H., 103 N Meade
†Houser, John B., 19 Barney
†Hull & Sherred (Large), 370 S Main
Kehoe & Mowery, 720 S Franklin
Lynch, Michael (Large), 177 Moyallen
Malloy, Michael C., 389 N Wash'n
Mandeville & Son, 121 S Fell
Miall, Richard E. S., 24 Barney
†Patterson, Samuel, 263 E South
†Pethick & Curtis (Large), 1 Hickory
†Ross, Giles, 345 S River
†Shepherd, Wm. H. & Sons (Large), 478 S Main
†Silvius, George D. (Large), 33 S Welles
†Snawley, Wilson A., 167 Academy
†Smith, Wilson J. (Large), 318 S Franklin
WILKINSBURG—†Crosbie Bros.
Guthrie, Edwin F.
†Haslett, T. H.
†Lee, Chas. E.
†Long, J. Luther
†Lytle Bros.
†Peffer, E. Z.
†Pines, J. R.
†Smith, S. L., & Co.
WILLIAM PENN—Knouse, Horace
Staley, Chas B.
WILLIAMSPORT—†Bennett & Rothrock, 120 W 41st
†Guise, J. H., 117 W Willow
†Harman & Jones, 320 Locust
†Hartman, Jno. H. & Bros. (Large), 225 W North
†Huffman, W. H. C. & Sons, 233 W 3d
†Kurtz, I., 734 Edwin
Rhoads, Frank D., 415 W 3d
†Schrade, J. C., 540 Packer
†Sheffer, Amos, 944 Erie
Snyder, A. H., 630 W Edwin
†Stuempfle, David, 332 Penn
†Waltz, Andrew H., 321 Louise
†Waltz, G., 958 Erie
†Weeland, C. W., 21 6th
Winters, J. C., 1005 Market
WILMOT—†Biles, W. C.
Farr, D. M.
†Schrann, J. W.
WINDBER—†Penna. Lumber & Construction Co. (Large)
WINDFALL—Case, Herbert H.
WIND GAP—†Fitzgerald, Speer & Co. (Large)
†Hahn, Milton
†Keller, J. C.
WINDHAM CENTER—Wheaton, Fred A.
WINDSOR—Barshinger, Jacob
Dellinger, Daniel
Schmuck, Reuben
Techopp, Samuel
WORCESTER—†Geyer & Son
WRIGHTSVILLE—Ashton, D. P.
Smith, J. P.
Weller, R. H.
WYALUSING—Ellsworth, Jno.
Lathrop, Wm. B.
Stevens, Chas. F.
Van Dyke, Cortlin
WYNCOTE—Bean, L. M.
†Hauser, M. E.
Heacock, Edw.
WYNCOTE—Dohlenty & Burke
South, Isaac, Jr.
YELLOW CREEK—Fluke, Marshal
YOE—†Strayer, Abraham S.
YORK—†Geise, Chas. E.
†Gilbert & Co.
Hake, Saml.
†Menough, Jas. L.
†Oermann & Blaebaum
†Seaerist's Jacob Sons
†Spangler & Bro.
Werner, Frank C.
†Wolf, Howard N.
YORK FURNACE—Downs, J. E.
Love, John
Rittenhouse, George
Shoff, William
YORK SPRINGS—†Criswell, Edward
WYOMING—†Rozelle Bros.
†Shulde, Jno. J.
YARDLEY—Livezey, B. F.
South, Isaac
Fiskel, J. W.
Koontz, J. H.
Koontz, Philip
ZELIENOPLE—German, Nicholas
Kauffman, Jacob
†Kauffman & Fogel
Vogle, Jacob
ZION—Lesh, Conrad
Royer, John
ZION GROVE—Brobst, G. W.
Foose, Benjamin
Hontz, Jonathan
ZION HILL—Hoff, Samuel
Stonebach, Milton
ZOLLARSVILLE—Gayman, David
Ullery, Simon

RHODE ISLAND.

APPONAUG—Gardner, Russell
Greene, John R.
Williams, Albert
ARLINGTON—Dudley, Edwin
Keach, Charles
AUBURN—†Alwood, Thos.
Phillips & Randall
Streeter, W. B.
William Bros.
BARRINGTON CENTER—Fisher, Lewis T.
Perry, Hiram F.
BLOCK ISLAND—Hall, C.
Hayes, Frank
Rose, John
Thomas, John
BRISTOL—Alger, Jno.
Ball, Sumner
Barber, Chas. A.
Buffum, Jos. L.
†Darling, Wm. J.
Doran, Jno. F.
†Potter, Jno. R.
Rounds, A. S.
Rounds, Spencer
CENTERDALE—Hutchinson, Jno. E.
Sweet, Benj.
CENTRAL FALLS—†Dexter, T. F., 6 Summer
†Dolan, J. Stephen, 181 Healey
†Monast, Vibon, 23 Ledge
Patt, Walter J.
Plante, Louis
†Simmons, Geo. A., 17 Illinois
EAST GREENWICH—†Holland, James
Hunt & Spencer
†Jones, C. T.
†Shippee, L. C.
EAST PROVIDENCE—Brown, William T.
Champlin, John C.
Hoar, R. G.
McDonald, Allen
Martin, Benjamin
Miner, Joseph
McDonald, Allan
Murray, Peter
Peckham, Daniel E.
Straight, E. S.
Whitford, Stephen A.
Wilkinson, James
FOSTER CENTRE—Ray, Howard
GREENVILLE—Clemence, R. W.
Mann, William W.
HOPE VALLEY—Barber, Ernest A.
Langworthy, B. P.
Palmer Bros.
JAMESTOWN—Anthony Bros.
Anthony, Geo. D.
Barber, George L.
Champlin, Christopher L.
Champlin, Wm. A.
Easton, Chas.
Gill, John F.
Higgins, B. D.
Knowles, Hy. T.
Wright, Theo. D.
LITTLE COMPTON—Brownell, G. H.
Burgess, Geo. L.
Grinnell, H. A.
NARRAGANSETT PIER—Briggs, G. T.
Burns, Robert
Congdon, A.
Knowles, H. N.
NATICK—Sheldon, William
Massell, Fred
NEWPORT—Aibro, David P., 63 Third
Allan, Frederick A., 7 Caleb Earl
Armstrong, G. E.
Barker & Beaumont
Bishop, Allen H., 131 Broadway
Barlow, Wm. F.
Braman, Chas. A.
Brazier, Jno. H.
Brotherson, Moses, 128 Spring
Burdick, C. H. & Sons, 31 Howard
Carter & Sherman
Champlin, George H., 13 Redwood
Coffin, Wm. H., Commercial wharf
Collon, John, 31 Dennison
Curry, Robt. W., 71 Mill
Dowling, James, 15 East
†Dowling, Philip, 15 East
Dring, Walter
†Fagan, P. J.
Gillies, Jas. M.
Goddard, Wm. I.
Graham, James, 14 Levin
Hammett, John R., 13 William
Hammond, Chas.
Hazard, Jno. A.
Holland, A. W.
†Johnston, J. D., 70 Pelham
King Bros.
McCormick, M. A., Kinsley's wharf
McLean & Mason, Frank
Maher, Anthony, Maher ct
Melville, Jno.
Patterson, Peter, 5 Ayrault
Peckham, Cyrus H., 30 East
Peckham & McKinnon
Peckham, Nathaniel H.
†Reagan, Thos. H.
Sayer, Albert
†Stoddard & Gladding
Weaver, Freeborn C.
Tanner, B. F., Commercial wharf
Tew, H. C., 38 State
Wilbor & Manchester, 24 Sherman av
Wilkey & Moon, 18 Market sq
Wilson, Nathaniel, 20 Second
NORTH SCITUATE—Bates, Daniel O.
Phillips, Virgil V.
OLNEYVILLE—See Providence
PASCOAG—Gorey, Allen
Gorey Bros.
Sheldon, Wm. H.
Smith, Edward
PAWTUCKET—†Aubin, G. E.
Ball, O. S.
†Bliss, J. T., 22 Slater av
Carr, Wm. B., 22 Slater av
Chace, Phillip W.
†Cole, Wheaton, 23 Elm
Harrington, Geo. A.
†Hill, Jonathan
†Kirk, Robt. H. & Son, 113 West av
Murphy, Patrick, 136 Brook
†Read, Arthur W., 117 Pine
Rollins & Co.
†Rowley, Frank G., 161 Main
†Salisbury, Jos. F., 30 Webb
†SMITH, BENJAMIN F. CO. (Mills, etc.), 19 Mason
Vigeant, Hy
Wales, Jno. D.
†Wilmarth, D. L., 32 Capital
†Wilmarth & McKillop (Large), Freeman st
PHENIX—Allwood, Thomas
Hill, Albert F.
PORTSMOUTH—Ashley, C. B.
Ashley, James B.
Dyer, Walter A.
Randall, Perry G.
PROVIDENCE—Adams, Harry C., 75 Westminster
Alexander, Chas. L., 313 Fountain
Andrews, Geo. L., 688 Public
Ball, Asa R., 189 Mass. av, Edgewood
Barbour, A. J. & Co., 8 Steeple
†Barry, David J., 64 E Manning
Beaty, Thos. F., 20 Stokes
Bebean, J. J., Jr. & Co., 77 Orange
†Beck, Vere W., 108 Orange
Bellini, Jas., 118 Spruce
Benson, Emil, 334 Willard av
Bigney, Eden H., Oliver e Westminster
†Bishop, Jno. W. C. (Large), Butler Exch

†Bouchard Bros., 172 Linwood av
†Bowen, Vincent & Co., 107 Chapin av
Bradley, Edw. & Co., 20 Clifford
Budlong, Louis A., 27 Bowen
Budlong, Moses, 160 Benefit
†Buffington, Eugene L., 135 W Clifford
Bunker & Chase, 1507 Broad
Burlingame, Asa, 24 Bernon
†Butler, John, 39 Jenkins
Calder, Chas. W., 125 Whittier av
Capitol Hill Bldg. & Cons. Co., 10 Schaffer
Caudelet, J. E. & Co., 9 Sackett
†Chapman, G. E. & Co., 150 Linwood av
†Charles, Andrew F., 4 Pearl
Charles, Peter F., 18 Plum
Chase, John A., 5 Baltimore
†Clary, Jas., 116 Pine
Condon, Stephen, 139 Massachusetts av
Crowe, Thos. A. & Co., 7 Ward
Deane, Nahum, 87 Richardson
†Dillon, John D., 40 Garnet
†Doane, Thos. H., 99 Chapin av
Dolan, Patrick, 13 Lawn
†Douglass, Daniel P., 254 Thayer
Douglas, Wm., & Co., 109 Waterman
Edwards, W. H., & Son, 659 Westminster
Evans, Edgar F., 860 Broad
†Evans, H. R., & Son, 10 Mathewson
†Famiglietti, R. & V. N., 598 Charles
†Fletcher, Samuel C., 83 Friendship
†Forbes, Kenneth D., 128 Jenkins
Gaboriault, H. A., 957 Westminster
†French, Geo., & Co., 54 Friendship
Gale, Wm. H., Jr., 145 Pine
Gammons, Benj. L., 326 Carpenter
†Gilbane, Wm., & Bro., 96 Harris av
†Glover, David & Co., 358 Benefit
†Halcrow, Wm. J., 88 Clifford
Hartwell, Williams & Kingston 49 Westminster
Helgerson, Jno., 204 Blackstone
Hulmes, Geo. M., 31 Arch
Jackson, Chas. F., 105 Indiana av
Jackvony, Antonio, 633 Charles
Jordan, Caleb B., 732 Plainfield
Keech, Chas., 31 Sussex
Kingston, Jas. W., 135 Cranston
Kurze, Adolphe G. 290 Lowell av
Landry, Chas., 672 Prairie av
Lavoie & Trottier, 39 N Main
Learned, A. C. J. & Co., 5 Charles
McGhee, Robt., 81 Friendship
McGrath, Jno. H., 74 Preston
McGregor, James, 12 Charles
†McLeod, John, 517 Hope
†McNamara, Luke, 187 Amherst
†Machon, John T., 177 Oaklands av
Macneill, Kenneth S., 229 Pine
Macpherson & Co., 197 Dean
†Maguire & Penniman (Large), 48 Custom House
Manchester, Albert C. (Large), 136 Dorrance
Mann, Martin, 21 Ralph
Marsden, Thos. E. & Co., 75 Westminster
Matteson & Stone, 23 Central
†Millerd, Samuel W., 16 Harkness
Mullin, John E., 35 Baker
Murray, Thos. H., 13 Hayden
†**NORCROSS BROS., 16 Exchange.**
(See adv. index, end of book.)
Northrup, S. G., 62 N Main
†O'Brian, Lewis A., 180 Benefit
†O'Neil, M. R., 143 Dyer
Pay, Alfred W., 16 Crawford
Perkins, Isaac H. & Co., 240 Pearl
†Phillips, Charles A., 105 Wayne
Phillips, Lemuel O., 20 Camben av
Phillips, W. H., 37 Daniel av
Phillips, W. J., 9 Cross, Auburn
Plympton, Warren H., 157 Dexter
Rancourt, Dolphis, 76 Corliss
Randall, Stedman A., 314 Prairie av
Redford, Benj., 30 Garnet
Richardson, Wm., 194 Pond
Ripley, J. A., 45 Lester
Rising, Leland E., 1261 Eddy
Rivard, Napoleon, 138 Wendall
Robbins, W. A., 386 Fountain
Sample, Jas. W., 906 Broad
†Sanford, C. F., 12 Temple
Smith, Thos. P., 1076 Westminster
†Sprague, J. L., & Co., 75 Warren
Stage, Geo. W., 193 South
Straight, Edwin S., 15 Purchase
Stubbs, Thomas, 369 Washington
Sweet, Byron D., 1937 Westminster
Sylvester, Quincey, 69 Bassett
Tallman, Nelson I., 345 Fountain
Taudvin, Joseph, 506 N Main
Thurston, Edw. O., 216 Richmond
Tillinghast, John B., 40 Frank
Titus & Goff, 25 Thayer
Turgeon, E., 16 Babcock
Villari, Giuseppe, 495 Union av
Walsh, John C. Co., 9 Pleasant
Watson, Wm. H. J., 120 Governor
Wells, Joseph A., 24 Louisa
Whalen, Jas. F., 671 N Main
Wheeler & Bugbee, 39 Meeting
Wilkinson Bros., 177 Pine
Zulll, Henry, 7 Livingston

RIVER POINT—Tucker & Champlin

RIVERSIDE—Higgins, Abner
Jencks, S. T.
Nadeau, Octave

SOUTH PORTSMOUTH—Coggeshall, Chas. I.
Coggeshall, Edward A.
Coggeshall, Joseph S.
Manchester, John E.
Sisson, George E.

TIVERTON—Bartholomew, T. A.
Durfee, Charles A.
Gifford, Jason W.
Grinnell, Charles S.
Grinnell, Elmer A.
Sumner, Judge
Stewart, S. F. (No Tiverton)

TIVERTON FOUR CORNERS—Cory, P.
Manchester, Christopher
Millard, David H.
Wilcox, Moses H.

VALLEY FALLS—†Morin, John B.
Richard, A. & Son

WAKEFIELD—Bell, L. F.
Brown, J. W.
Burns, Robert
Gardner, Robert H.
Northrup, Horace
Pollock, J. W.

WARREN—Barton, B. H.
Hall, William
Loughran, Thos. J.
McGann Bros.
Miner, N. R.
Smith, Richard

WARWICK—†Lockwood, J. A.

WASHINGTON—Foster Bros.
Mathewson, George
Shippee, H. M.

WESTERLY—†Babcock & Wilcox
†Barber, W. W.
Barker, Wm. H.
†Kenyon, Albert
†Moore, W. J.
Maxson & Co. (Large)
Percy, Stephen
Sherman, Robert A., 139 Main
Watrous & Coy

WICKFORD—Bullock, James H.
Hammond, James H.
Straight & McKenzie

WOONSOCKET—Archibald, Geo. W., 624 S Main
†Bouvier, Napoleon, 17 Bennett
†Bradford, Jas. E., 138 Main
†Comstock, Metcalf, Union Village
†Daigneault, Alfred, 83 E Front, Villa Nova
†Dufresne, Evariste, 147 Rathbun
†Dufresne, Joseph, 35 Kendrick av
Ferrier, Dennis
Fleurant, John F.
†Gilman, Jos. & Co., Longley bldg
Gledhill, B. W., 23 Crawford
Jalbert, Jean, 17 Jalbert av
Jenison, Ormando J., 214 Park av
†Leclair, Laurent, 45 Summit
†Norton & Kennedy
Rousseau, Alexandre
St. Onge, Olivier & Co.
Simard, Adolphe E., 28 Cook's Hill la
†Simson, George, 275 Park av
Taft, Alonzo M., 132 East
†Warfield, Geo. P., 47 Carrington av

SOUTH CAROLINA.

ABBEVILLE—Sign & Taggart
Sprout, Z. G.

AIKEN—George Bros.
Hines, J. H.
Staubers, John

ANDERSON—†Brissy, W. L. (Lumber)
†Guest, C. M.

BARNWELL—Dicks, R. W.
Dyches, J. H. P.
Woodward, J. W.

BLENHEIM—Carlisle, J. C.
Thompson, J. R.
Thompson, R. J.

BRANCHVILLE—Evans, A.
Pierson, W. E.
Smock & Pierson
Tairey, W. H. B.
Warren, W. M.

BUCKSVILLE—Miller, Wash.
Singleton, Samuel

CHARLESTON—†Adams & Hutchinson
Alexander & Wessel
Balentine, S. F.
Bullwinkel, J. D.
†Caulfield, M., 61 Laurens
Culliton, Pat'k
†De Costa & Edwards, 4 State
†Dehrmann, G. H., 249 E Bay
†Devereux, J. H.
†Devereux, N. A., 15 Judith
†Hanley, J. F., 11 Fishburne
†Hollings, L. J., 255 Ashley av
†Keregan, Jno. E.
†Kramer, B. F., 60 Meeting
†Lanier, I. F., 34 Shepard
McCarrell & Sloan, 53 Broad
O'Callaghan, C. P.
†Oliver, Henry (Large)
†Powers, Peter G.
†Pregnall, H. N. (Large)
Pregnall, J. T.
†Schumacher, H. D. (Large), 614 King
†Simons & Mayrant
†Snelson, Contracting Co.
Stoppelbeen, M. S.
Stoppelstein, Warren
Toomer, M. S.
†Treahy, M. J., 5 Horlbeck al
†Viett, E. T., Magnolia av c Meeting
†Zacharies, H. T., 179 Meeting

CHESTER—Albright, G. A.
†Carpenter, J. C.
†Carpenter, M. A.
Lattimer, W. A.
Simvill, J. R.

COLUMBIA—Barret, S. J.
†Heidt, W. J., Columbia
†May, W. J., Columbia
†Stewart Contracting Co., 1500 Main
Walker, L. A., 1106 Lumber
†Waring, Clark, 1428 Laurel
†Waring, Geo. W., Wright's Hotel

DARLINGTON—La Motte, H. J.
Mooney, C., & Son

FELDER—Dunning, J. H.
Raurch, Alexander

FLORENCE—Wilkins, W. J.

GAFFNEY—Baker, L.
Cecil & Curry

GREENVILLE—Cagle, J. W. (Large)
†Gibson & Morris
†Grady & Jordan
Grandy, J. D.
Jenkins, A. R.
Palmer, W. A.
Shumate, W. T. & Co.
Stuart, Alex.

GREENWOOD—Blythe, W. V.
Wells, J. W.

LAMAR—Mancill, W. P.
Odorn, J. C.
Taylor, J. H.

NEWBERRY—†Davis, W. T. & Co. (Large)

ORANGEBURG—Ayers, D. W.
Robinson, W. F.

ROCK HILL—Holler, A. D.
Roddey & Whitner

ST. GEORGE—Connor, W. D.
Klanber, L. A.

SPARTANBURG—†Carson, J. L.
†Carter, Avery
†Moore, Charles
†West, J. F.
†Willard, Charles R.

SUMTER—Green, Moses

WILLISTON—Cockrain, J. C.
Lee, Solomon

WINNSBORO—Gibson, S. D.
McCarley, H. M.
McDowell, S. C.
White, G. A.

SOUTH DAKOTA.

ABERDEEN—Brandes, E. A.
Fossum, A. C.
Schachte Bros.

ALEXANDRIA—McPherson, Andrew
Wardwell, W. G.

ALPENA—Hillis, J.
Hillis, Willis
Hise, Elmer

ANDOVER—Martin, Albert
Webster, S. W.

ARLINGTON—Remke, Emil
Snyder, W. S.

ARMOUR—Lalley, Henry
Thompson, Harry

ASHTON—Martin, George
Dillin, J. J.

BIG STONE—Radcliffe, S. F.
Schless, J. J.
Valliant, Alfred

BOWDLE—Decker, A. V.
Warriner, Wm.
BOZ—Bartlett, M.
Hague, R.
Hopkins, N. F.
BRIDGEWATER—Croop, Peter
Hapgood, J. H.
Jamison, D. G.
Riley, Thomas
BURCH—Burch, A. L.
CANASTOTA—Clark, A. B. & Son
CANTON—Edwards, T. W.
Gunderson, G. C.
Gunderson, M.
Simmons, L.
CEDAR—Kellogg, E. W.
CHAMBERLAIN—Cox, Thomas
†Satterlee, F. P
CLARK—Ackerman, Christian
McLaughlin, Dennis
CUSTER—Johnson, Alfred
Lewis, J. M.
DEADWOOD—†Barker, John
†Carver, John
†Mullen & Munn
Rickel, J. M.
Shaw, Aaron
Tuplin, James
DELL RAPIDS—Bishop, A. L.
Meldrum, J. G.
ELK POINT—Kent, J. R.
Kent, Marcellus
Quick, E. M.
ELKTON—Hesse, Wm.
Murphy, F. J.
EMERY—McDonald, P. H.
Shiltz, Karl
ETHAN—Patrick, John
Smith, August
FLANDREAU—Hawkins, Wm.
†Loeseau, J. H.
Nichols, B. F.
Simpson, Thomas
FRANKFORT Fellows, Charles
Lockwood, S. H.
FREDERICK—Boom, C. D.
Collins, A. L.
Jeffers, J. E.
Rolf, F.
HOT SPRINGS—McKay, H. D.
Sparks, H J.
HOWARD—Dempewolf, George
†Seney & Smith
HURLEY—Kyte, T. W.
HURON—Boos, Nicholas
Coffin & Tobnie
Lind, Otto
KIMBALL—Barr, Robert
Kemp, Fred
LEAD—Ballantyne, Alex.
Falconer, J. G.
Stewart, Robert
MADISON—Borland, G. P.
Buckley, John
†Garner, A. J.
†Glatz, Charles
Hall, W. D.
Jenks, J. B.
Prochl, August
Walker, J. M.
MARION JUNCTION—Clark Bros.
MILLTOWN—Gerner, Frank
Jones, G. E.
MITCHELL—Anderson, George
Briggs, Samuel
Calhoun, H. H.
Keith, M.
†Kings, A. J.
Purdy, J. C.
Shultis, Free
Wright, Jacob
MONTROSE—Beach, Charles
Brown, W. M.
Odell, Robert
Robins, Charles
Robins, John
Webster, O. R.
MT. VERNON—Anderson, L. V.
NEW HOPE—Aldrich, L.
Erickson, A.
Lyman, L.
NORTHVILLE—Bisbee, W. E.
Kellogg, Joseph
†Webb, W. B.
ORDWAY—Cook, Isaac
Dillingham, Albert
PIERRE—Magnus, Wm.
Smith, George
PUKWANA—Kennedy & Baatz
Lowe, Hugh
RAPID CITY—Barber, S. D.
Boyd, W. H.
†Brenner, Jno. R.
†Ryther, L. R.
†Sweeney, McMahon & Whalen
†Young, A. E.
RAYMOND—Beckar, John
Gregory, G. W.
REDFIELD—Albricht, J. H.
Brockman, August
Hendersman, H. J.
Lovejoy & Hunt
Moore, W. W.
ROANOKE—Hunter, William
McComb, J.
ROSWELL—Clark, O. E. & Sons
RUNNING WATER—Button, S. H.
Hillinger, G.
Treffrey, Robert
ST. LAWRENCE—Albright, John
Mudgett, B. W.
Spaulding, O. D.
Van Valkenberg, W. H.
SALEM—Frost, Charles
Schwartz, Henry
SCOTLAND—Fallon, Edward
Maywald, W. & Son
SEDGWICK—Rudin, G. A.
Swift, S. M.
SIOUX FALLS—Almos, A. O.
Booth, R. H. & Son
Cashman, Louis
†Jordan Bros.
Love & Manning
†Madison, Jno.
Marson, T. C.
†Mills, F. D., & Son (Large)
†Randolph, J. M.
SPEARFISH—†Burgess, J. M.
†Russell, J. H.
SPRINGFIELD—Young Bros
SPRING VALLEY—Fawsey, P.
STURGIS—Burns, Rob
Grams, William & Co
Loop, N. H.
Mayhew, Henry
Slolander, Jno.
TWIN BROOKS—Waldron, John
TYNDALL—Forrest, C. M.
McElroy, Bernard
VALLEY SPRINGS—Nelson, Samuel
VERMILLION—Christie, T. A.
†Matson, E. C.
Pickett, Andrew
Williams, George
VOLGA—Peterson, Lewis
Rott, Daniel
WATERBURY—Werlnee, S.
Waterbury, L. I.
WATERTOWN—†Brickell, Chas.
†Brickell, L. E.
†Rowe, A. L.
Rowe, G. F.
WILMOT—†Howell, S. J. & Jno. D.
WITTENBERG—Miller, A. F.
Ropp, J.
Strohecher, G.
YANKTON—Burgi, Frederick
Burgi, Gottfried
English, A. M.
Goetz & Levi
GOODWIN & WILLCOX
Sylliasen & Anderson
†Valentine, W. B.

TENNESSEE.

ACORN—Roberts, O. R.
Stratton, S. E.
Young, Martin
ACTING—Bans, A. J.
Jones, E. A.
Setterly, G. W.
Whisman, James
ADAMSVILLE—Hamilton, W. H.
Meeks, J. O.
ALBION VIEW—Levii, J. M.
Lust, J. M.
Mangold, L.
ALEXANDRIA—Flippen & Botts
Garrison, Wm.
Williams, J. H.
Wood, P. L.
ANTIOCH—Aldred, J. N.
Baker, T. B.
Collins, J. A.
BANNER—Cardwell, C. A.
Cardwell, Wm.
Franklin, T.
Mize, R.
BEARDEN—Childress, James
Gore, W. L.
Wardruff, Robert
Weisgarber, E. C.
BECKWITH—Hardy, H. L.
Libscomb, Granville
Vanhouser, James
BEERSHEBA SPRINGS—Cagle, B. S.
Cagle, C. F.
BETHEL SPRINGS—Kemp, N. D.
McCann, W. H.
BEVERLY—Norwood, T. D.
Terry, J. H.
BIRDSVILLE—Hartsell, A. B.
Hartsell, Wm.
BLAKEVILLE—Blake, F. W.
Dunman, Ell
BLANCHE—Brown, C. A.
Coats, J. J.
George, S. R.
McDaniel, A. A.
Malone, M. A.
BLOOMINGTON—Brown, B. C.
Brown, J. H.
Maddox, J. S.
Mahan, W. C.
Richard, Z.
Tilley, W. F.
Vaughn, W. C.
BOLIVAR—Jones, T. J.
Taylor, James
BOONEVILLE—Bearden, James
Ousley, S. F.
BRAXTON—Biles, D.
Graham, John
Hilton, Jesse
Owens, P. L.
BRAYTON—Francis, J. W.
Glen, James
Slater, James
BRISTOL—†McCrary, Saml. (Large)
†Smith & Wilson
Alexander, Jas., 1005 Bass av
†Wagner, Robt. F.
BRITTSVILLE—Lindsey, W. E.
Miller, W. H.
Solomon, W. P.
Vickers, John
BROWNLOW—Hensley, C. E.
Hensley, J. R.
BRUNSWICK—Rittenhouse, D. G.
Vaughn, M. L.
BUXTER—McEtheridge, Alexander
Meade, Samuel
BYRDSTOWN—Garrett, Lige
Parris, Joel
Reagan, J. C.
Reagan, W. F.
CALF KILLER—Elrod, F. E.
Milligan, R. N.
Simpson, Selby
CALHOUN—Bales, A. A.
Bales, C. A.
Davis, A.
Lawman, J. C.
Lawman, Thomas
Sanepaw, G. W.
CAMDEN—Dwiden, Gray
Garrett, J. W.
CANADAVILLE—Cooper, N. T.
Vincent, Emanuel
CAPPS FORD—Cauge, W. W.
Lane, I. C.
Lane, J. K. P.
Lane, T. D.
Robertson, Lemuel
Smith, J. P.
CARINGER—Frye, Jos.
Hill, L. D.
Hill, P. C.
CARTHAGE—Allison, L. B.
Apple, A. J.
McKee, J. P.
Organ, J. B.
Robertson, W. H.
CHATTANOOGA—†Adams & Sneider (Large), 120 E 8th
†Andrews & Breeding, Keystone blk
Armstrong, W. H. 34 W 9th
Canfield, W. W., 803 Pine
†Cheney, Robert D. & Co., 812 Chestnut
†Clem, David W., 203 W. 8th
†Converse Bridge Co., Bridgedale
Cosby, W. M., 404 Chamberlain
Coyne, Chas., 843 E 9th
Dillard, Robt., 505 Boyce
Dyer, C. H., 421 Cedar
Ethridge, Wm. B., 102 E 8th
Fisher & Brown, P. O. B., 246
Franklin, H. G., 105 W 6th
Goldner, M. H., 328 Market
Heibeck, Jno., 407 Cedar
Hitzfeld, L. A., 14 E 7th
Hunt, J. D., Market bet 6th & 7th
Kidd, Milton, 121 E 9th
May, W. F. & Co., 109 Carter
†Parks, H. D., 34 Elyria

True & Co., 13 Market sq
†Smith, F. L. & Son
†Willis, T. T.
†Wilson G. B. & Co.
CLEVELAND—†Humphries, W. A.
†Marshall, S. W.
Schenck, ——
CLINTON—Dail, W. R., Jr.
Henderson, G.
Kirkpatrick, Lewis
Marshall, W. S.
Peters, S. T.
CLOVER HILLS—McKanny, J. O.
Martin, Robert
COALFIELD—Jackson, G. W.
Ruffner, A. A.
Ruffner, C.
COG HILL—Brown, E. D.
Cass, J. W.
Couch, W. T. & Son
King, W. B.
COLDWELL—Miller, H. J.
COLLIERVILLE—Leake, T. G.
Strong, H.
COLUMBIA—Alford, Michael
Alford, Roy
Lamar Bros.
Lancaster, J. C.
Stewart, Thomas
COMMERCE—Barber, Jacob
George, J. W.
CONCORD—Dalton, J. L.
McLin, W. O.
COOKEVILLE—Byers Bros.
Martin, W. J.
Mecham, T. C.
Powell, H. F.
CORNERSVILLE—Haynes, C. R.
McConell, D. L.
Millsap, W. M.
Reed, T. D.
Stallings, J. N.
CORONA—Sanders, James
Winters, James
COSBY—Hicks, W. Y.
Wilson, Thomas
COTTONTOWN—Estes, D. W.
Jackson, Alfred
COVINGTON—Fallin, Richard
Nicholson, W. D.
COX—Patty, J. S.
Wolf, Alexander
CROOKED FORK—Flybarger, D.
Kelly, W. C.
CROSS PLAINS—Roney, Frank
Spain, W. T.
CUMBERLAND GAP—Roop, Charles
Smith, W. T.
DANCYVILLE—Key, David
Key, T. T.
Killy, Wm.
DANDRIDGE—Miller, C. C.
Pryor & Sons
Swann, A. H. & Son
Vance, J. W.
DARDEN—Flowers, J. C.
Willson, W. E.
DE KALB—Brymer, John
Dewelse, S. T.
Warren, F. D.
DEL RIO—Askew, C. F.
Askew, Joseph
DE RAY—Givens, Andrew
Hamlett, J. D.
Kelsey, J. W.
Wheeler, J. M.
DICKSON—Dilley, W. H.
Easley, A. D.
McWilliams, Jos.
EDOM—Burry, W. R.
Luttrell, M. C.
Luttrell, S. S.
Rusling, J. M.
EIDSON—Alvis, John
Burdine, N. E.
Cobb, Jesse
Cole & Stapleton
Green, N. M.
Sheffield, W. A.
ERWIN—Albertson, A. A.
Loveless, James
Tipton, W. S.
ESTILL SPRINGS—Ferris, A. G. & W. F.
EUREKATON—Burns, J. B.
Hill, James,
Howse, L. C.
Scott, S. R.
EVE MILLS—McConley, W. S.
Samples, Wm.
Sewell, J. B.
FAIR GARDEN—Allen, S. G.
Elrzor, M. M.
Heack, James
Thurman, J. A.
FALL RIVER—Hazelwood, G. F.
Scott, T. J.
FARMINGDALE—Walker, D. H.
Walker, M.
FAYETTEVILLE—Mayes, W. S.
Robinson, R. A.
Waggoner, J. L.
FENTON—Brooks, Taylor
Fugate, Jos.
Martin, J. M.
FILLMORE—Davis, W. M.
Mansfield, M. D.
FINCASTLE—East, J. R.
Meadow, T. W.
Stratton, R.
FLOURSVILLE—Galloway, S. N.
Rupe, F. J.
FRIENDSHIP—Dabney & Dobson
Hamell F
Harwell, J. P.
GAINESBORO—Settle, T. G. & Sons
GALLAVILLE—Forester, W. H.
McCannahan, R. M.
GALLATIN—Gallatin Planing Mill & Lumber Co.
†Simpson & Sons
GALLAWAY—Blades, W. H.
Robbins, W. D.
Wall, T. R.
GASSAWAY—King, S. A.
Mullin, Jerry
Tassil, S. T.
GATLINBURGH—Bartlett, L. C.
Couner, R. C.
GEORGETOWN—Newell & Beard
GILLENTINE—Gillentine, H. C.
Glass, Fred
Smith, Verner
Smith, Z. M.
Walling, Harvey
GLOBE—Cregger, J. P.
Richardson, F. H.
GOODLETTSVILLE—Buck, D.
Kemper, J. J.
GORMAN—Murville, George
Spencer, George
Talley, Thomas
GREENFIELD—Bricker, R. J.
Robertson, J. W.
GREEN HILL—Carter, N. H.
Taylor, Samuel
GREENVALE—Green, R. B.
Sloan, J. C.
GREENWOOD—Shepherd, J. B.
Shepherd, Wesley
GROVELAND—Crain, George
Harris, R. J.
Mitchell, George
HAMPTON—Brumit, E. M.
Holly, R. J.
Manning, J. M.
HARRIMAN—Hawks, W. V.
Lake, W. A.
†Tenn. Bldg. Co.
†Veazey & Richardson
HAYSVILLE—Alexander, M. B.
Bandy, J. I.
Blankenship, I. T.
HIGH HEALTH—Gilliland, J. F.
Kite, I. A.
Rainbolt, J. M.
HOPSON—Whitehead, Jackson
Whitehead, J. H.
HORSESHOE FALLS—Sluder, J. A.
HUDGENS—Carr, J. J.
Carr, W. M.
HUMBOLDT—Brown, W. W.
†Christie, B. H.
Harris, W. H.
McAlister, Jno.
McIlwain, Chas.
HUNTINGTON—Christenberger, J. J.
Gee, W. W.
Morgan, B. F.
Payne, R. N.
Woodward & Vickers
HUNTLAND—Jones Bros.
HURRICANE BRANCH—Coppock, E. J.
Coppock, William
Lett, Robert
HURRICANE—Dugger, H. J.
Eskin, James
HUSTBURGH—Glenn, Patrick
Moore, Percy
Young, C.
INDIAN CREEK—Erwin, P. P.
Tinker, J. P.
IRON CITY—Dean Bros.
Key & Sons
Perkinson, Benjamin
Prowell, James
JACKSBORO—Graham, J. H.
Webb, J. H.
Peterson, Samuel
Warwick, Wesley
JACKSON—†Brown, J. M.
†Clayton, M. H.
†Darnell, James
†Heavner, U. R., & Co.
†Long, L.
†Parish Bros.
Sherrod & West
Smith Bros.
†Vandebrook, P. L. & Son
JAMESTOWN—Crowley, J. Y.
Robinson, John
JONESBORO—Gott, L. J.
Springle, G. W.
Young, H. J.
KINCAID—Fine, Jno.
Shields, John
KINGS CREEK—Stone, J. M.
KNOXVILLE—†Cooley, Bros., 402 Chamberlain
Crumley, Homer J., 502 N. George
Dunn, J. M., 116 W. Baxter av
†Galyon, L. A., 205 N. Florida
Geering & Russell (C), 303 S.Central av
†Getaz, D. & Co. (Large), 315 E. 5th av
Glass, H. E., 902 E. Church
†Houghton, Francis M., 215 E. Brookside av
Miller, B. B., 1332 Corson
Selden, A. K., 1416 Linden av
†Stephens & Powers, 917 E. Park av
†Winters, ——, 216 W. Woodland av
Worsham, Hugh F., 2540 Jefferson av
LA GUARDO—Jones & Lawrence
Ligon & Brown
LASEA—Derryberry, W. A.
Hardeman, Monroe
LAURELBURGH—Cole, A. J.
Pane, B. W.
LAWRENCEBURGH—Gunselmann, N.
Rau, George
LEADVALE—Daniel, T. L.
Wogington, J. H.
LEAPYEAR—Edwards, Wm.
Sprinkle, M.
LEEDOM—Davidson, J. H.
Diggs, P. K.
Diggs, W. J.
LEE VALLEY—Cole, S. S.
Gonce, Jeff.
Gonce, Wm.
Hardin, James
LEFTWICH—Harrison, A. J.
Rook, S. S.
LEXIE—Collins, A. W.
Plath, G. W.
LEXINGTON—Jacob & Armstrong
LIBERTY—Stark Bros. & Bratten
LIBERTY HILL—Acuff, H. L.
Wolfinberger, U. S. G.
LINCOLN—McInistion, A.
Mason, J. T.
Simms, J. E.
LIVINGSTON—Estes, J. A.
Moredock, E. K.
Nichols, T. J.
LOCO—Rountree, F.
Rountree, J. M.
LOCUST SPRING—Anderson, Jesse
McLau & Brown
LOGANTON—Carpenter, C. C.
Morrow, E. G.
LONG HOLLOW—Ley, Elisha
Shelby, R. J.
Weaver, Henry
LOST CREEK—Keys, Abe
Longmire, B.
LOST MOUNTAIN—Hope, David
Keller, Wm.
Myers, John
LOUDON—Chance, A.
Loudon Lumber Co.
LOUISVILLE—Hartsell, A.
Hitch, Ellas
McCarthy, A. H.
Mitchell, J. A.
LURAY—Maness, M. W.
Scarboro, W.
M'KENZIE—Looney, W. B.
Wingo, Theodore
M'LEMORESVILLE—Delaney, I. L.
Drummond, H.
Robeson, R. S.
MADDOX—Butter, W. C.
Butter, W. J.
MAGGART—Dickens, F. G.
Dickens, J. M.
MANCHESTER—Leming, G. W.
Scott, T. J.
Stotler, J. W.

MARENGO—Allen, C. C
Allen, Jesse
Langford, V. M.
Webb, J. W.
MARTIN—Houser, H. B.
Jeffress, E. R.
Murrell, R. W.
MARYVILLE—Amons, T. J.
Moore, J. D.
Moore, W. A.
MATNEY—Lipps, G. W.
Stikes, Elcany
Stikes, John
MAURY CITY—Agee, J. B.
Robertson, T.
Williamson, Thomas
MEMPHIS—†Abele, E. A., 63 Jefferson
Alexander, Jas., 1005 Bass av
Apple, John W., 151 Robeson
†Barth, Jos. (Large), 122 Exchange
Blake, W. H., 88 Vance
Brown & Son, 861 Marley av
Callahan, C. F., 967 Miss av
Clausel, B. R., 370 2d
Cole, J. E., 2095 Adams av
Cosby, V. T., 17 Bradford
Crane, F. G., 7 Hernando
†Creson & Williamson, Bldrs Ex
Dingler, Jno., 130 Manassas
Eberhart, Adolph, 28 Robeson
Flanders, L. H., 865 Madison av
†Garrett, Jas. H., 223 Beal
†Gettingby, A. W. (Large), 69 Avery
Greene & Johnson, 333 Johnson av
†Haines & Emmons, 33 Madison
†Hinds, Wm. N., 1087 Elmwood av
†Hodges & Chamberlin (Large), 55 E Court
†Hunter & Frey, 3 Monroe
†Kaiser, Peter, 674 N 2d
†Kay, Jno., 1277 Orleans (Exton)
Keech, H. M., 415 Court
†Kehse, P. F., 12 De Soto
Lanning, A. B., 526 S Cooper av
Letson, J. J., 1378 Bass av
†McMaster, Jas., 497 7th
Maynard, J. T., 331 Main
†Mohr, Geo., 19 Huling
†Nicholson, T. C., 43 Gayoso
†Pritchard Bros. (Large), 779 Lauderdale
†Smith, J. L., Twigg av & La Rose
†Snowden, H. P., 230 W Virginia av
Styles, B. C., 46 Poplar
†Terry, W. A., 698 Virginia av
†Todd, Geo., 715 Walker av
†Voight, H. E., 430 Union
Wagner, Clinton J. (Large), Planters' Ins. bldg
Wooten, L. E. & Co., 70 Jefferson
Wright, J. N., 55 4th
†Wright, W. G., 62 Adams
†Young, Fred B. (Large), 1219 Miss av
MILLIGAN—Roberts & Haggard
MISER—Colburn, S. W.
Smith, John
Taffelmire, W. A.
MONT EAGLE—Tucker & Graenicher
Usher & Richmond
MORELOCK—†Sayler, J. K. P.
MORRISTOWN—Colwell, Michael
†East Tenn. Wood Working Co.
Range, J. W.
MOUNTAIN CITY—Crosswhite, A. T.
Luttrell, M. C.
Parry, A. C.
MT. HOREB—Edgar, W. I. I.
Rankin, J. T.
Rankin, S. T. L.
MT. STERLING—Burch, W. B.
Hollandsworth, L. D.
Smith, R. L.
Warren, E. D.
MT. VERNON—Austin, James
Boregard, Samuel
MULBERRY—Neeld, T. J.
Wood & Sons
MURFREESBORO—Bowman, J. L. W.
Crosslin & Wiggs
Edwards, Andrew
Henry, W. C.
Ivie, W. M.
Jackson, Henry
Jackson, J. W.
NAOMI—Jones, J. S.
Orr, Charles
NASHVILLE—Abernathy, G. W., 605 Joseph
Adler, John K., 938 Addison av
Akin, Samuel, 800 Joseph av
Alexander, John, 1305 Hynes
Allen, Solomon H., Dickerson pike, 3 miles
Alley, Frank H., Highland bet Brown & Farrel
Alley, Robert H., 600 S 12th
Andrews, George A., 1201 N Spruce
Archie, Ambrose, 705 Deluge
Ashby, Felix G., 835 S Spruce
Averitt, Peter J., 436 Chestnut
Averitt, Saml H., S 5th & River
Badacour, L., 1911 N Summer
Baessler, J., 515 Joseph
Bailey, J. W., 531 S Cherry
Baker, T. M., 73 Wharf av
Baker, Wm. F., 410 Sylvan av
Bashaw, J, T., Sr., 827 Spruce
Bassett, John, 425 Houston
Bazell, J. R., 701 Line
Bean, G. A., 918 Madison
Bearden, A., 30 Lafayette
Bearden, A. J., 905 Woodland
Bearden, P. P., Decatur n Fain
Beazley, Geo. W., 38 S 3d
Beeles, G. W., 1607 N High
Bennett, J., 811 Paris
Bentley, J. E., 114 Lafayette
Bentley, W., 925 N Front
Bernal, Jno. K., Woodland n 2d
Binkley, F. M., 1710 N Vine
Binkley, Wm. F., 1280 S College
Birchett, E. M., 418 S Front
Blackman, F. H., 1720 Paris
Blount, M. B., 1007 Madison
Blunkall, E. B., W Nashville
Bond, J. W., 519 Spruce
Bowden, W. D., 118 Spring
Bowen, A. C., 622 Bascobel
Bowen, George, 617 Ramsey
Bowen, O. W., 704 S College
Bowers, S. H., Printers' al n Union
Bowers, W. D., Printers' al n Union
Bowling, J. A., W Nashville
Boxley, Milton, 11 N 4th
Boyd & Morgan, 320 N Cherry
Bradford, S. A., 517 Mulberry
Bradley, J., 517 McTyeire av
Bradshaw, J. W., Shelby av c Cumberland River
Bradshaw, R. M., Amelia av n Poston
Brandon, A. W., 708 Fatherland
Brantley, W. S., N 1st c Main
Breen, N., 31 Lindsley
Bridge, John W., 131 S College
Brooks, J. T., h 1008 Scott
Brown, C., 1708 N High
Brown, Robert, 1708 N High
Brown, S., 943 Jefferson
Brown, T. A., 1020 Waller
Brown, W. A., 1213 Brown
Brusby, J. R., 809 N 2d
Bryant, J., 619 Union
Bryant, T., 1623 N High
Bryant, W. A., 227 Shelby av
Buie, D. R., 517 Joseph av
Bunch, Oscar, 110 N Addison av
Burchett, E. M., 35 Fillmore
Burkholder, C. R., Maxwell House
Burnett, G. M., 46 Maple
Burnett, J. R., 923 Warren
Burnett, L. T., 1513 Tilden
Burton, F., 615 Joseph
Busby, P. R., 1003 Lischey av
Byron, A. G., 107 Claiborne
Carr, J. B., 128 Spring
Cartwright, E., 616 N Vine
Chaney, D., 1825 Park
Chapman, G. B., 1505 Lockeland av
Chilton, T. L., Tennessee n 13th, W Nashville
Clark, J. I., 20 Claiborne
Clark, M. P., 2200 Jefferson
Cleary, J., 1218 N Summer
Cobb, J. H., 210 N 5th
Cookerly, W. E., 422 N Cherry
Cooper, W. R., 74 S 5th
Corbitt, Wm., 1613 Jefferson
Cratty, C. W., 412 S Spruce
Crenshaw, B. W., 208 Sycamore
Davis, Wm. M., 67½ Bridge av
Dean, J. F., 61 Maple
†DeHart, I. N. & Son, 1300 Church
Draughon, E., 330 Arrington
Dukehart, Wm. T., 118 Broad
†Dunn, W. F., 1641 Tilden
Dunnavant, J. J., 228 Marks
Dwyer, Wm., 1215 N College
Eason, W. E., 510 S Spruce
Etsler, J., 506 Fatherland
†Evans, T. C. & Son, 414 Deaderick
Finney, R. R., Caldwell av n 17th
Fisher, J. R., Murfreesboro pike, 2 mi
Fitzgerald, E. B., Waller n Olympic
Flinn, J., Hillsboro pike, 2½ miles
Graham, M. M., 418 Deaderick
Green, W. R., 313 S Front
Griffin, H. & Bro., Printers' al n Union
Griffin, R. A. & Son, Mulberry n S High
Harper, J. T., Tenn. & 14th, N. W.
Hawthorne, A. E. & Co., 912-916 Broad
Haynie, Wm. I., 940 S Summer
Hedrick, P. L. & Co., 619 Union
Hill, E., 129 S College
Holt, W. F., 209 Green
Hopkins, E. R. V., 112 Russell
Horvell, J. L., 129 S College
Hunt, B. G., 116 Lafayette
Hutchinson, J. H., 224 Treutlan
Jackson, L. A., 315 Hancock
Jackson, W. W., 315 Hancock
Jenkins, J. W., 128 N Second
Jones, G. L., Watkins c Pearl
Kincaid, G. W., Mansker n Cumberland River
Kinkead, G., 209 S Market
Lawrence, E. J., 218 McCreary
Lawrence, L. P., Cumberland al
Lawrence, W. T., Cumberland al
Lesuer, J. E., 907 Fatherland
Lightman, J., Dickerson pike, 3 miles
Lillie, C. S., 407 Sylvan
Litten, E., 454 N Cherry
Lynch, A., 506 Joseph av
McCollam, R. B., 1904 Hayes
McConnell, F. P., 1717 Tilden
McEady & Mason, 67½ Bridge av
McGinness & Co., Fatherland
McPherson, C., 701 Line
Martin, P., 515 Sycamore
Miles, W. G., 167 Fain
Miller, S., 626 Fatherland
Mitchell, J. B., 322 Arrington
Moody & Vaughan, 223 Maxwell al
Moore, C. G., 1223 Pine
Moore, G. & Sons (Large), 527 S Spruce
Morris, J. M., 292 Fillmore
Murnon, R., 1315 Grundy
Neeld, R. A., 18 S 4th
Parker, J. T., 1005 N Market
Parmer, H. E., 418½ Deaderick
Patrick, J. W., 500 Meridian
Pease, T. J., 813 Central av
Pold, F. H., 1614 N High
Quinn, J W., 1012 Cheatham
Regan, J. S. & Son, Maxwell al
Rives, C. W., 319 N Summer
Rives, N. G., 319 N Summer
Robertson Bros., 901 Cedar
Robertson Jas. F., 1208 Fatherland
Robertson, T. J., 1415 Jefferson
Robison, J. W., Kentucky av n 10th, W N
Rogers, S., 911 Gleaves
Ruffin, J. W., 701 Joseph av
†Sanders, J. S. & Sons, 69 Bridge av
Scott, J. W., 1282 S Cherry
Sinnot & Dyer, 421 Jackson bldg
Smith, C. W., 441 N Cherry
Smith, R., 61 Maury
Stackman, W., 1915 Line
Strong, H. E., Kentucky n 9th, W N
Stubblefield, J. R., 418½ Deaderick
Sullivan, J. E., 214 Treutlan
Tate, Z. C., 128 Fain
Taylor, J., 157 N Summer
Taylor, R., 141 N Cherry
Thurmond, C. M., Butler av n Harding pike
Tolar, T. J., 512 Joseph
Trotter, J. K., Blakemore av n Hillsboro pike
Tucker, J. P., 300 Fillmore
Tuley, J. M., 215 Marks
Turbeville, R. E., 1207 Magnolia
Vaughn, J. A., 1803 McGavock
Vester, J. J., White's Creek pike, 2 miles
Walling, J. A., 222 McLemore
Walker, Peter, 1622 Church
Walpole, E., 712 Stevenson
Warden, P. M., 306 Marks
Watterson, T., Shelby av & Cumberland River
Weaver, W. T., 12 Elmwood
Webb, J. A., 328 Arrington
Wene, J. R., 1211 Phillips
Willard, T., Cumberland al n N Spruce
Williams, J. R., 1628 N 2d
Word, W. P., Callendar al n W Church
Yeaman, J. H., 123 N Cherry
NETHERLAND—Byers Bros
NEWBERN—Hamilton, John
Smith, Jacob
NEWMANSVILLE—Drain, T. F.
McCannis, E. D.
White, J. T.
White, W. F.
NEW PROVIDENCE—Adkins, R. B.
Dandy, W. H.
OTTO—Matheny, W. B.
Sewell, J. A.

OTTWAY—Hannon, J. P.
Morris, Henry
OVERALL—Cabler, J. F.
Morris, Samuel
Vaughan, John
PALMYRA—Davis, R. S.
Estes, Joseph
Harris, W. H.
Hollis, J. P.
Swift, Robert
PAULKS—Black, J. M.
Hurst, D. R.
PAW PAW—Andrews, Saml.
Hinds, J. A.
Roberts, J. S.
PEDIGO—Suratt, Horace
Webber, George
POST OAK SPRINGS—Jones, J. W.
Lewis, A. B.
Smith, F. P.
Smith, G. W.
Smith, J. H.
RIDGE POST—Clenier, J. M.
Knight, M. B.
RIPLEY—Hart, Chas.
Haynes, John
McCloud, Robert
Paugh, P. H.
Pratt, A.
Smith, Thomas
Souther, John
ROCKDALE—Craig, Robert
Dooley, James
Johnson, Duke
Parris, James
Potts, F. O.
Wright, F. M.
ROVER—Creek, Dallas
Hall, John
Thompson, James
RULE—Oaks, Gideon
Oaks, W. C.
Southern, Wm.
ST. JOSEPH—Eers. C.
Pratt, Frank
SEVIERVILLE—Blain, J. R.
Chambers, J. A.
Douglass, J. E.
Rawlings, M. S.
SEWANEE—Fischer, O. E.
Stewart, I. N.
†Wilson, G. B. & Co.
SHARP'S CHAPEL—Granes, P. H.
Hill, Frank
Irwin, R. C.
McDonald, W. D.
SHIRLEYTON—Andes, J. W.
Price, F. L.
SIBLEY—Burgess, H. R.
Meek, W. W.
SLIDE—Barton, Wm. S.
King, Joseph
SOMERVILLE—Lacey, Jesse
Lacey, J. H.
Maddox, Frank
SOUTH PITTSBURG—Dunwody, S. A.
Patton, B. F. & Co.
Patton, R. A. & Co.
Payne, R. M.
SPARTA—Davidson & Pearson
Lyles, Wm.
SPRING HILL—Campbell Edward
Orman, R. L.
STONEWALL—Smith, J. W.
Smith, Wm.
STRAHL—Brown, Richard
Bucker, Will
King, John
King, J. S.
SUGAR TREE—Walker, E
Walker, O. A.
SUMAC—Doss, T. J.
Samuels, W. A.
SUMMITVILLE—Harrison, J. M.
Hoard, J. A.
SUNBRIGHT—Cromwell, J.
Massy, J.
SWEET WATER—Clark, J. W.
McCauley, W. F
Young, Bina
TABOR—Borgar, Mat.
Harris, T. C.
McKenzie, G. A.
TANBARK—Birdett, Thomas
Clark, T. C.
Cross, Charles
TAYLORS—Alexander, J. P.
Geer, J. W.
Geer, W. J.
Stewart, J. D.
TELFORD—Byerley, J. H.
Propst, J. H.
Propst, W. G.
TEVIS—Crowder, J. L.
Curtis, J. H.
THOMASON—Bowse, J. C.
Fowler, James
THREE SPRINGS—Netherland, Frederick
White, G. W.
THULA—Hann & Glasscock
TIPTONVILLE—Holefield, J. L.
Owen, S. R.
TRIMBLE—Boyd, J. W.
Moore Bros.
Reed, J. R.
TROY—Howard, S. F.
TURBINE—Collins, B. R.
Hagewood, B. H.
Justis, Thos.
TUT—Curtis, J. F.
Curtis, J. M.
McClure, J. B.
UNION CROSS ROADS—Fritts, James
Scarboro, J. L.
UNION HILL—Blair, T. P.
White, R. E.
VERDIE—Harris, W. O.
Mowbrey, W. C.
VERONA—Cunningham, C. J.
McCurdy, B. S.
VIOLA—Etter, Samuel
Mansfield, Jeff
Reeves, Ed.
Rutledge, John
Stubblefield, Haskell
VOID—Bryant, G. T.
Elrod, L. E.
Keylor, T. G.
WAHOO—Ford, E.
Hilton, J. M.
WALES—Tarply Bros.
WALTER HILL—Black, J. M.
Black, L. P.
Edwards, J. W.
Edwards, W. P.
Vaughn, E. B.
WAR GAP—Anderson, H C.
Quillen, W. M.
WARTBURG—Kreis, Deitrich
Kreis, John
WARTRACE—Arnold, W. A.
Ellington Bros.
WAUHATCHIE—Monds, A. M.
Monds, A. R.
WAVERLY—Augbrey, S. S.
Barnes, Samuel
Luff, Joseph, Jr.
Luff, L. J.
McGee, R. L.
WEAR—Burns, A.
Carver, R. H.
Ernent, W. B.
WELKER—Clark & Billings
Roberts, J. A.
WHITE BLUFFS—Bibb, R.
Charlton, Y. M.
Howell, Jarrett
Hunter, Kemp
Ratenee, P.
WHITE OAK—Mays, A. Z.
Prowell, Thomas
Sharpman, Colon
WHITESBURG—Cobble, M.
Kirkpatrick, J. M.
WHITMAN—Richardson, W. W.
Smith, Drew
Smith, J. A.
Smith, T. H.
WILLETTE—Dycus, John
Kirby, S. M.
Wakefield, G. H.
WILLOW GROVE—Armes, N. M.
Roberts, Correll
WINEFIELD—Jones, J. S.
Walker, E.
WITTS FOUNDRY—Pendleton, W. H.
Spickford, Alexander
WOODFORD—Davis, A. L.
Morrison, J. T.
WOODVILLE—Colman, Robert
Covington, John
WOOLWORTH—Hendricks, J. R.
Lewis, J. W.
Trinkle, H. H.
WORSHAM—Elan & Elizer
YANKEETOWN—Jarvis, Wm.
Merdiett, Wm.
ZIEGLERS—Sliger, G. W.
Steward, C.
Steward, H.

TEXAS.

ABBOTT—Cook, Jere
May & Gunter
Young, J. J.
ABILENE—Anderson, Jacob
Kearn, J. S.
Laster, Frank
Lathrop, H. T.
Miller, R. W.
Steele, J. M.
Tate & Pierce
Totten, Milo
Tripp, W. H.
West, J. W.
Wilkinson, Theodore
ALBANY—Aubrey, W. B.
Russell, Edward
ALTO—†Avery, G. T.
ALVIN—†Booth, J A.
Moore, A. E.
†Packingham, Geo.
Webster, A. B.
ARANSAS PASS—Carter, S. W.
Cooper, J. F.
†Freeman & Lynch
†Hamilton, Jas. S.
Rowan, A. A.
†Smith, Jas. M.
Spreigel, Robt. L.
Van Akin, Jas. P.
ATHENS—Foster, Thos. J.
Hawn, C. H.
Liston, Samuel H.
ATLANTA—Henry, Wm.
Steger, A.
Thomas, Z. T.
AUSTIN—Brydson, J. J., 1605 E 1st
Brydson, R. G., 607 E 1st
†Eyres, W. G., 103 E 7th
†Fiegel, Geo., 411 Lavaca
†Flume, R. A., 116 Congress
†Henkes, Geo., 107 W 7th
†Lambie, R. C., 110 W 9th
Ledbetter, C. P., 402 San Antonio
McDonald, J. P., 310 W 5th
Moore, C. W., 104 E 10th
Schoenert, Wm., 911 Attoynac
†Shurr, C. A., 402 E 11th
Slaughter, E. S., 1205 Trinity
AXTELL—Brunfield, Geo. W.
Dayton, S. H.
BAIRD—Bowlus Bros.
King, T. W.
Williams, R. A.
BALLINGER—†Reed & Plummer
BANDERA—†Langford, J. B.
BARTLETT—†Grigsby & Son
BEAUKISS—†Moseley, B. C.
BEAUMONT—Ory, J. L.
Smith, F. T.
†Turner, B. P.
BEEVILLE—Lux, Geo. W.
Nicholas, T. H.
BELTON—†Birdwell, T. & Son
†Clark & Scott
BIG SANDY—BROWN, J. R.
†Holland, W. J.
†Kilpatrick, W. H.
BIG SPRING—Bahnart, Gus.
Davis, S. E.
Frye, C. E.
Jackson, R. J.
BLUFF SPRINGS—Bryant, J. & J.
Wideman, John H.
BONHAM—†Crittenden, J. N.
†Galbraith, D. S.
Gale Bros.
Gilbert, R. E.
†Goodman & Peters
Holt, W. A.
†Spangler, Peters & Co.
Sparger, John C.
Sparger, H. & Co.
Sparks, J. C.
Stephens, Rush
Stephens & Peters
Watkins, Elmer
BOYD—†Huff & Huff
BREMOND—Chamblers, D.
Lester, J. C.
Stephens, Eugene
Whitlock, J. H.
BRENHAM—Allen, Frank T.
†Cordray, H. A.
Hartfield, Robt.
Wiebush, F. R.
BRIDGEPORT—Been, S. W.
Brown, W. B.
Crenshaw, J. W.
Eagleton Saul
Ray, G. W.

BROWNSVILLE—†Brooks, S. W.
†Hanson, Martin, Jr.
Lynd, John
BROWNWOOD—†Dennis, W. E.
†Kriskie, Jos. & Son
Smith, T. E.
BRYAN—Davenport, Robt.
Deaton, Geo.
Deaton, Wm. A.
Stacey, Henry P.
Wellington, Robt.
BURKE—Curry, Macrum
McCall, J. D.
Welch, P. M.
BURNET—Johns, A. W.
†Smith, J. J. M.
Sorrels, J. J.
CALDWELL—Broaddus, R. G.
Parkhill, E. S.
CALVERT—Davis, A. G.
Engdohl, John
Hardy, H. P.
Johnson, H. P.
Kirsch, W. H.
Knight, John R.
Lee, Harrison
Walton, Geo.
CAMERON—Carothers, L. W.
Frierson, W. H.
†Westmoreland Bros
CAMPBELL—George, Chas.
Hendricks, Vanus
McClennan, Wm.
Simpson, John
CARMINE—Gillespie, J. C.
Koch, Chas.
CASTROVILLE—†Fous, Louis
CENTER—Gibson, J. J.
Paxton, W. G.
CENTRE POINT—Horn, D. G.
Posey, W. D.
Powell, J. H.
CHICO—Graham, J. J.
Kilgore, Allen
†Watson, J. H. & Son
CHILDRESS—Killen, Thos. B.
Williams, B. T.
CHILLICOTHE—Neeby, I. R.
Scott, J. A.
†Tongate, J.
CISCO—Porter, James
Van Cleave, W. G.
CLARKSVILLE—Causey, S. E.
†Higgins Bros.
†Smith & Spike
CLIFTON—Cooper, C. S.
Thompson, Joseph
COLEMAN—Davis, A. S.
Curl, R. W.
COLORADO—Coe, A. J.
Delling, & Blyon
Fowler, T. B.
Hickerson, C. N.
Hyde, William
†Martin, Byrne & Johnston
Sparks, Chas.
COLUMBIA—Black, James E.
Downey Bros.
COLUMBUS—Cox, G. L.
†Goldsmith & Farmer
Tanner, C. W.
†Wirtz, A. S. & Son
Zumwalt, Andrew
COMANCHE—Bates, R. C.
Cannon, William
Cook, J. P.
Grove, W. S.
Tannehill, J. A.
CONROE—Arnett, G. K.
Glen & Rhodes
COPERAS COVE—Bashan, W. J.
Carpenter, F. T.
CORPUS CHRISTI—Atkinson, F.
Funk, Wm. L.
†Reid & Sutherland
CORSICANA—†Clopton & Bragg
†Hall, R. B.
†Walling, Daniel M.
†Whitesell, J. E. & Co.
CRAWFORD—†McCollum Bros.
CRESSON—Martin, A.
Roses, J. C.
ROCKETT—†Cassidy & Norris
†Harris & Taylor
Peterson, Oscar
CUERO—†Albert & Sherbaum (Large)
Cook, Frank
†Franke, S. & Co.
Hamilton, Jos.
Wieland, Henry
DALLAS—†Beattle, John, 113 Phelps
†Beggs, Thos., 255 Main
†Boyer, J. E., 393 N Harwood
†Cottman, W. F., 379 Main
†Emmins, Harry J., 698 McKinney av
†Faber, M. A., 285 Leonard
†Franklin Fireproofing Co., National Ex Bank
†Gardner, Wm. H., 180 Chestnut
†Harding, Wm. G., 126 Lafayette
†Huddle, Jacob H., 101 Sale, Oak Lawn
†Joyce, Robt. T., 103 Bryan
†Knight, W. R., 257 Crutcher
†Silliphant, G. G., 225 Peabody av
†Slaughter, John W., 239 Main
†Sonnefield, Geo., 561 Browder
†Wright, L. R., 297 Main
DECATUR—Hobson, Benjamin
Johnson, Ed.
McKinley, J.
DE LEON—Bragg, C. B.
Carter, J. N.
Dossett, L. B.
Jennings, J. G.
Westbrooks, B.
Woods, J. R.
DEL RIO—Graham, H. B.
McNorton, T. G.
DENISON—†Abbott, Hill
†Eyer, Michael
†Fike, John W.
†Freeman, W. C.
†Hancock, T. D.
†Hanna, H.
†Hill, John W.
†Hurt, John T.
†Johnson Bros.
†Kadana, George
†Kennedy, W. T.
†Kibler, A. J.
†Klinkman, Fred
†Lane & Hammack
†Lynch, W. H.
Morse, E. W.
†Murphy, W. E.
†Niemeyer, F. G.
†Peel, J. W.
†Scroggs, R. W.
†Thorn, Mich'l
†Walker, John A.
DENTON—Cobb, R.
Craft, F.
Lipse, J.
Parker, W. S.
Sherman, John
Stroud, John
Stroud, T.
DEPORT—Rhoades & Jennings
DEVERS—Weaver, L.
DEVINE—O'Neil, Thomas J.
DIETZ—Bringkoter, A.
Forshage, O.
DOUBLE BAYOU—Brown, H. C.
Jackson, J. E. & R. S.
DUBLIN—Bayze, T.
Fravil, M.
Gibley, J. M.
Guest, R. N.
Holland, D.
Kennedy, T. P.
Price, Z. T.
Rarder, F. P.
Taylor, W. F.
Warner & Leveritt
Young, L. D.
EAGLE LAKE—Bamett, N.
Carrier, M.
Evans, G. A.
Hardman, J. A.
EAGLE PASS—†Fox, Frank
EASTLAND—Hallun, Hy.
Johnson, T.
Keahey, D. B.
Simmons, C. H.
Williams, J. S.
ECTOR—Dulaney, C. A.
Linton, J. A.
EDDY—Nador, H. V.
Valentine, J. M.
EDEN—Ballard, W.
Connolly, P. J.
Wherly, J. R.
ELGIN—Bragg, S. D.
Fife, W.
Jones, G. H.
Jones, William
Sandifer, J. N.
Wood, J. E.
EL PASO—†Buchanan & Powers
Hitt, G. L.
†Holland, T.
†Kief, J. L.
†Peterson, C. A. & Co.
†Rattenberry & Davis
†Rheinheimer, William
†Sorrenson, John
†Stewart & Crawford
Terry, James E.
†Whitmore, J. L.
ELYSIAN FIELDS—Brown, Wm.
Jefferson, J.
Lyons, Samuel
Mercer, C.
EMORY—Corbett, W. A.
Walker, G. T.
FORNEY—Baker, J. W.
FORT WORTH—†Bardon, Jno.
†Clark & Gustave
†Dashiel, J. F.
†Heck & Ulander
†Huff, Thos. F.
†Jones, O. D.
†Lusher & Rockett
†McQuerry Bros. & Abbott
†Marshall, Jno. A.
†Platt & Platt
†Thompson & Thompson
†Wray, Wm. P.
FRANKLIN—Kirby & Bethel
Morgan, John D.
FREDERICKSBURG—Kunz, Wm.
Pemger, Robert
Wahrmund, George
GAIL—Casey, O. V.
Weaver & Bell
GAINESVILLE—Rubish, F. & Son
GALVESTON—†Bautsch, Gus, 1823 Av K
†Bautsch, Henry & Son, 2011 Av K
Bautsch, Julius H., 1818 M½
Bleike, F. P., 3818 Broadway
Bottomley, Arthur H., 3014 P
Bowden & Worth, 514 9th
†Butler, J. H. & Son, 3928 Av Q
†Callan, Peter J., 3114 Market
Carter, Harry E., 1212 12th
Christie, Geo. A., 801 32d
Cousin Bros., 819 Post Office
†Devlin, Harry (Large), 30th & Av H
Eckenfels, Henry, 1813 Av K
Filter, Thos., 815 Strand
Garner, Niles F., 1601 Church
†Garnett, Robert B. & Co., 2221 Church
Gedney, Chas., 3530 O
Goodfellow, Chas., 1013 35th
Hagerman, W. F., M½ & 35th
Harvey, Stanhope G., 2717 O
Heuss, Charles, 3811 Winne
Higgins, Hy., 1011 35th
Jannasch, John, 3411 Av M
Johnson, Algot, 3614 O
†Jones, Frank (Large), 2806 O½
Jones, J. Morrison, 1524 Church
Kissinger, James H., 1724 Av H
Koch, A. Frank, 1111 16th
Kreuzberger, Fredk., 1525 K
Lawes, Wm., 614 22d
†Lawrence Bros., 1827 B'way
Lindsay, Orange F., 1709 H
Lloyd, Thos., 1922 Winnie
Lucas & Bartlett, 3620 O
Macgill, Daniel K., 2111 Church
†McHenry, Thos. (Large), 2328 Av O
Malkewitz, Martin, 314 17th
McLeod, Geo. D., 2022 Mechanic
Nelson, Chas. A., 1802 O½
Nichols, Chas. G., 105 Levy bldg
†Neuwiller, C. F., 18th & Market
†Pautsch, Wm., 1401 19th
Polinard, Jno. B., 3302 Av P
†Pope, John W., 2219 Winnie
Raycraft & Wyland, 414 14th
Ricke, Jos., 1413 37th
†Ricke, Martin, 1723 Av N
Robert, George, 4114 Q
Roberts & Keays, 903 Winnie
Rodrigues, Frank, 2710 Q½
Ruhle, Frank, 1412 Av N
Ryals, Chas. L., 3514 O
Schelewa & Sons, 3508 S
Tobie, Ralph, 2528 H
†Toothaker, J. E., 510 Tremont
†Treaccar, Theo., 1104 32d
Valk, Matthias F., 1327 B'way
†Vallat, Frank, 2114 Post Office
Wittig, C. C., 2904 L
Wolfer, C. G., 2115 Av M½
†Wolfer, C. L., 2127 Av M ½
Wood, Minard, 717 Tremont
GARDNER—Griffith, J. W.
Scales, N. H.
GARLAND—Austin, A. J.
Bethel, Simon
Moore & Edney
GARNER—Cole, G. W.
Serd, J. L.
Throckmorton, J. L.
GATESVILLE—Dildey, E. R.
Witt, George

GENT—Crawford, Isaac
Hill, John
GEORGETOWN—Chapman, S. P.
Harret & Belford
McGlamery, William
Martin, J. W.
Moore, C. W.
GILES—Anderson, Otto
Simpkins, J. J.
GILMER—Glass, W. T.
Johnson & Dudley
GOLDTHWAITE—Bates, George
Cox, B. F.
Crouch, Lott
Harwell & Vickers
Stubblefield & Hopkins
GONZALES—Coleman, A. B.
Ward, George
GORDON—Bowles, S.
Sherrill, J. H.
Sims, J. D.
GRABALL—Johnson & Spencer
Rogers, A.
GRAHAM—Cashburne, J. W.
Garrett, L.
Hindman, J. C.
GRAPELAND—Campbell, H. W.
Green, J. C.
GRAPEVINE—Greene, John
Hamill, J. B.
GREENVILLE—Anderson, L. M.
Blades & Shepard
Kennedy, D. A.
GROESBECK—Cobb, W. J.
Crawford, V. A.
Gerding, F. F.
Hale, W. D.
Hewitt, Benjamin
Morris, A. W.
Morris, S. A.
Seales, E. F.
Thomas, Asa
Wait, G. D.
HALLETTSVILLE—Carriell, H. P.
Leopold, James
McKnight, J. F.
McKnight, M. A.
Zumwalt, T. R.
HARTLEY—Griggs, J. M.
Wise & Co.
HEARNE—Armstrong, J. H.
Dale, Thos.
Morris, E. J.
Morris, J. B.
Mosley, J. L.
Perron, J. H.
Ward, W. F.
Williams, G. M. & Co.
HEMPHILL—Collin, S. E.
Land, J. H.
Whitehead, H. J.
HEMPSTEAD—Milligan, James
Wood, D. A.
Wood, R. T.
HENRIETTA—Roach, Henry
Van Wile, C. H.
Worsham, J. A.
HICO—Alford, A.
Dillashaw, H.
Dillashaw, L. T.
Duncan, D.
Graves, J. M.
Ray, John
Woodruff, M. M.
HILLSBORO—Hatcher & Harpold
Hughes Bros.
Robinson, J. S.
HOLLAND—Semrall & Stephens
Wood, R. J. & Son
HONEY GROVE—Baird, T. R.
Boone Bros.
Kirk, R. H.
Myers, B. H.
Parker, M. S.
Ullrich & Fein
HOPE—Kulme, H. F.
Willoughby, W.
HOUSTON—Bering, Chas. H., 506 Milan
†Cowan & Dove, 510 Fannin
Hahn, C. A., 1308 Dart
Hall & Son, 3718 Main
Hansen, Ernest, Houston Hgts
Herdejurgen & Goldammer, 1402 Pease av
Lammers & Holmes, 1803 Chestnut
Lane, R. S., La Branch & S A & A P Ry
Leach, D. W., 306 N E Live Oak
Lewis, C. P., Houston Hgth
Martin, John H., 1310 Washington
Metcalf, A. L., 2307 Main
Martin & Moodie, Kiam bldg
Miller, Hans J., 512 Dowling
Morin, Jno. R., 209 Main
Parson Bros., 1215 Preston av
Pearl, I. D., 1220 Chartress
Shafer & Kinzer, 2320 Travis
Shapley & Son, 1710 Bell av
Smith, Chas. H., 1908 Franklin
Steinhagen, Jno., 2017 La Branch
Wood & Bennett, 30 White Oak
HOWE—Anderson, W. J.
Colvill, Jos.
Stevans, H.
HUBBARD—Evans, D. C.
Miller, W. L.
Murphy, E. S.
Walters, W. J.
HUGHES SPRINGS—Shelton, M. A.
Watson, C. E.
HUNTSVILLE—Abernathy, Jas.
Abernathy, Jas., Jr.
Denton, T. K.
HUTTO—Blanton, J. A.
Boatwright, L. A.
INEZ—Thompson & Holzheuser
INGRAM—Terrell, J. M.
IOWA PARK—Abbott & Grigg
Wilson, A. P.
JAPONICA—Conn, F. L.
Cosbello, T. N.
JASPER—Cook, S. G. & W. P.
Gauchan & Davis
Patterson, H. L.
JEFFERSON—Shanahan, T.
Tribble, L. O.
JOHNSON CITY—Davis, C.
Johnson, R. J.
Moore, T. L.
JUNCTION—Braley, E. A.
Lightfoot, G. H.
KARNES CITY—Collins, Thos.
Dewees, J. H.
KAUFMAN—Haupt, Ed.
Myers, W. A.
Woodward, W. S.
KENNEY—Freitag, Wm.
Stennett, J. A.
KERRVILLE—Horne, J. H.
Jeffreas, Frank
Schaetter, Jos.
KIMBALL—Tims, Jas.
KINGSTON—Bates, Bacon
Fite, R. M.
Hughes, C. L.
KIRK—Cochran, Lee
Trull, J. A.
KOSSE—Barrow, John
Graves, W. A.
Gray, S. N.
Lineback, Oliver
Meeks, Thomas
Robinson, L.
Samuel, C.
Santry, M. W.
LAMPASAS—Frazier & McDougall
Hickman, P.
Hutchings, B. A.
†Keye, W. & Co.
Looney, T. J.
†Nickols & Mallady
†Porter, Edw.
Rose, G. S.
†Webber, W. H.
LANEVILLE—Crowder Bros.
Pruitt, J. W.
Sparks, D. M.
Williamson, J. F.
LAREDO—Elstetter, A. J.
Johnson, A. P.
Sparbert, H.
Thaison, Andrew
Tollett, C. J.
LIBERTY—Abshler, A.
Freeman, Wm.
Givins, Wm.
LIBERTY HILL—Farrow, L. R.
Grier, J. Y.
LINDALE—Curry, J. P.
Gregory & Sitton
Maxwell, J. C.
Tucker, J. O.
LIVERPOOL—Carrigan, J. H.
Clements, Joseph
Robinson, William
LLANO—Landrum, R. R.
†Plummer, Wm.
Wunch & Walker
LOCKHART—Hodges, T. S.
Neeb, L. H.
Vogel, H. T.
Vogel, W. S.
LOCKNEY—Smith, J. N.
Tonder, J. E. D.
LODWICK—Jackson, J. S.
Morris, Wm.
LONGVIEW—La Duke, M.
Pridgeon, J. P.
LUFKIN—Lewis, C. A.
Moore, W. L.
Wilson, John
LUNA—Driver, R. M.
Hughes, J. D.
LYNCHBURG—Cook, J. W.
Favalla, R.
Fuller, H.
Morris, Fred
M'GREGOR—Hunter & King
Walsh, J. D.
MANOR—Bennett, E. T.
Bledsoe, T. M.
MARBLE FALLS—Loose, Theodore
Loveless, S. D.
MARION—Franke, Aug.
Hellmann, Robert
MARLIN—Barry, M. H.
Barry, W. A.
Branson, A. L.
Humphrey, H. O.
Humphrey, John
Lawson, Oley
McComb, Wm.
Tipps, Joel
MARSHALL—Bennett & Hodgkins
Forshund, Wm.
MATAGORDA—Sterry, Jas. & Sons
MATHIS—Allen, Jas.
Kinlin, M. J.
MELROSE—Maughan & Mast
Richardson, J. R.
MERTENS—Coleman, A. L.
Cutree, B. T.
Hudgen, F. J.
Reed, J. T.
MEXIA—Denning, Jesse
Denning, Jos.
Denning, S. P. & J. F.
Denning, W. J.
Gafford, H. E.
MEYERSVILLE—Harsdorf, W. F.
Renter, Jno.
Weaver, S. C.
MIDLAND—Barron, Henry
Barron, J. R.
Biggers, S. M.
Bruce, George
Carter, George
Johnson, J. M.
Melcher, Will
Wrought, Wm.
MILLICAN—Pool, W. C.
Stephenson, W. R.
MINEOLA—Graham, A. T.
Jones, J. W.
Stafford, Chas.
Wren, Wm.
MINERAL WELLS—Allen, J. M.
Christian, J. M.
Ford, J. G.
MONAVILLE—Burch, J. A.
Wenfree, J. B.
Wilson, J. D.
MONTGOMERY—Bishop, John
Dealy, Daniel
Martin, Robert
MOODY—Hodge, J. L.
Lewis, M. V.
Powers, Lee
Price & Furgason
Routh, W. F.
MORGAN—Dick, R. C.
Wright, J. H.
MOSCOW—Josey, T. T.
Woodward, W. M.
MOULTON—Hammond, Wm.
Harberr, A.
MT. CALM—Burnett, J. H.
Nicholson, J. W.
MT. PLEASANT—Duke & Batte
Ramsey, J. P.
Rose, J. B.
Wiley, L. W.
MULLIN—Roberts, E. E.
Wheatley, R. J.
MYRTLE SPRINGS—Bray, I. M.
London, J.
Matthews, T. T.
Stanford, J. M.
NACOGDOCHES—Rulf, D.
Rulf, Wm.
Rusche, Aug.
Witkorn, Geo.
NASH—Batter Robt.
Gardner, Wm.
NAVASOTA—Abernathy, T.
Lord & Youens
Meyerlambers, W. H.
Stacey, W. M.
Steinhagen, Carl
West, Sumpter

NECHES—Deshoyo, D. P.
Jones, J. L.
Morris, R. J. L.
Sammons, J. W.
NEW BIRMINGHAM—Burgess & Carper
NOBLE—Ritchey, D. L.
Hamlet, J. A.
NEVADA—Barrett, M. V.
Maxey, J. H.
NEW BOSTON—Hicks, T. J.
Witey, J. W.
NEW BRAUNFELS—Harris, H.
Hoffmann, Alex.
Meyer, Otto
NOONDAY—Spivey, W. D.
Sutherland, G. W.
Tomlinson, G. W.
Tripp, Thomas
NORSE—Noverdal, ——
Olson, L.
NOVICE—Payne, J. S.
Ward, R. P.
OAK HILL—Dutton, J. M.
Johnson, J. T.
OAKLAND—Prince, Worden
Townsend, S. B.
OLMUS—Gelven, C.
Gerdes, Herm.
OMAHA—Beckner & Wallace
Curlee & Meggerson
OMEN—Arnold, H.
Horton, A. J.
Toncray, E. H.
ORANGE—Austin, D. W.
Chandler, J. M.
Naylor, N. J.
Robinson, F. W.
Stark, John T.
Street, W. D.
Thomas, W. O.
ORANGEVILLE—Evans, J. L.
Mourhead, J. W.
Ross, E.
OWLET GREEN—Mullins, W. G.
Mullins & Phillips
PADUCAH—Hogland & Carroll
PALESTINE—Alfred, L. O.
Berry D.
Jerrells, L.
McGowen, D. B.
PARIS—†Breneman, Henry L., 528 S Main
†Carlton, C. R., Paris Boulevard
Caviness, C. G., r Maple av
†Kelley & Everest, Fort Bldg
Stockey, J. L., 211 S Main
PATROON—Eddins, R. B.
Roberson, W. T.
PATTERSON—Miller, J. D.
Spink, S. A.
PAYNE—Bates, R. L.
McCormic, P. H.
PEARSALL—Hickman, C. A.
Hinkley, Geo.
Johnson, N.
McDaniel, W. I.
PECOS—Hutman & Witherspoon
McWhorter & Brown
PENNINGTON—Handley, Jno.
Vickrey, E. L.
PILGRIM—Robinson, F.
Shilting, J. M.
Smith, M.
PILOT POINT—Harris & Webster
†Snain, E. E.
PITTSBURG—Carr, W. R.
Hensley, S. C.
Roark, W. T.
Stamps, H. A.
POINT—Murnsider, S. N.
Shook, Thomas
PORTLAND—Bramsen, W. H.
Collins, J. J.
Wren, C.
PT. LAVACA—Hatch, Wm.
Kitchen, Jas.
Sterne, J. E.
PRAIRIE LEE—Eads, S. M.
Norman, D. L.
PRATTVILLE—Harris, Jos.
Mitchell, W. T.
Pratt, J. D.
PRINCETON—Mead, J. & Co.
REAGAN—Boyles, D. H.
Rohbins, G. B.
Waite, W. E.
Yancey, P. H.
REALITOS—Corkill, John
Richards, J. A.
ROCKDALE—Chambers, M. B.
Harris, H. S.
Smith, E. E.
ROCKWOOD—Horsman, Richard
Lothery, J. B.

ROGERS PRAIRIE—Harper, Levi
James, B. A.
ROUND ROCK—Dickson, Jos.
Dixon, J.
Haynes, Ralph
Lockhart, W.
Russell, W. H.
ROYSE CITY—Edwards & Horton
Maxon, N.
Potts, J. M.
RUSK—Miller & Faqua
Moore, T. M. & Son
SABINE PASS—Clarke, Charles
Paine, G. W.
ST. HEDWIG—Kiolbassa, I.
Rakowietz, A.
ST. JO—Harwood, R.
James, S. A.
Pinkerton, T. J.
Singleton Bros.
SALADO—Barber, W. W. & Son
SAN ANGELO—Chance, Joseph
Fritz, A. J.
Jackson, W. R.
Staggs, A. M.
SAN ANTONIO—†Baermann, B., 1006 N Flores
†Baermann, Fred. M., 308 Sherman
Balcom, O. A., 129 Calif
Boelhauwe, Chas. G., Burnet & N Walnut
†Boettler, L. P., 801 Commerce
Boyd, H. M., 217 Stark
Clemens, Hy., 410 Lavaca
Cresswell, John, 1608 N Flores
Cross, George F., 211 Cadwalader
Balcom, O. A., 129 Calif
†Crider, John T., 225 San Pedro av
†Davis, Eugene, 314 Dallas
†Dielman, John C., 306 E Commerce
Emrie, J. R., 129 Agarita av
†Engelhardt, Theo., 509 N East
Fincham, A. T., 806 av C
†Flaig, Conrad, 406 Cumorgo
Fussel, A., 2001 Virginia
Gafford, Hy. H., 314 N Olive
Gallagher, Edw., Jr., 333 N Cherry
†Goodhoe, W. P., 317 Grand av
Hagy, D. C., 1124 Grayson
Hagy, L. W., 1906 Buena Vista
Hagy, W. M., 742 Penn av
Heimsoth, C. H.
Klock, B. Z., 308 W Laurel
Lahroche, E. L., 117 S Center
Lehr, David, Sr., 123 Alazan
Lindau, Otto, 201 Cactus
Meyer, Fredk, 226 Blum
Neumann, Raimund, 519 E Crockett
†Pauly, Hy., 102 Goliad, Peach
Schoenfeld, Hy., 2006 S Pressa
†Schumm, Charles, 226 N Hackberry
†Shields, P. T., 1712 N Olive
Skirving, Jas. S., 504 Rivas
Wiedenfeld, Emil, 223 Nolan
SAN AUGUSTINE—Floyd & Ketchum
SAN DIEGO—Gonzales, S.
Muil, A. L.
Rucker, Edward
SAN ELIZARIO—Montes, Jesus
Talamanto, J.
SAN MARCOS—Breeding & Northcraft
Sevey, T.
Simz & Donaldson
Whaley, J. W.
Wilson, M.
SAN PEDRO—Badenhower, W. W.
Marsh, J. E.
SCHULENBURG—Bohlmann, Hy.
†Schaefer & Bro.
SEALY—Callahan, W. H.
Connor, W. R.
Nyberg & Johnson
SEGUIN—Thomas, W. C.
Tischhaugh, William
SELMA—Brotze, F.
Fenske, George
Fuchs, E.
Goebel, L.
SHERIDAN—Little, D. P.
Martin, D. W.
SHERMAN—†Baker, Sylvester
†Elliott, S. B.
†Thiessen, H. J. J.
SHERWOOD—Cliboanee & McCormack
Baker, S.
Davis, J. B.
Davis, T. M.
French, G. G.
Hendershott, C. B.
McGrew, J.
Melton, George
Ratzel, A.
Ritenour, C. W.

SMILEY—Bundick, R. J.
White, Wallace
SMITHFIELD—Brown, J. H.
Hartey, J. N.
†Plummer, William
SMITHVILLE—†Kite, B. M.
SOUR LAKE—Downing, H.
Mobray, Joseph
SPRINGTOWN—Benton, W. A.
Coleman, W. S.
Gilliland, J. P.
SPRINKLE—Robinson, Frank
Smith, C. G.
STEPHENVILLE—Borders, A. M.
Bozeman, T. B.
Creswell, Mark
Goodwin, J. A.
Harris, John
Herring, John
Hollis, William
Smith, D. F.
Smith & Wilson
Taylor, T. J.
Tomlinson, S. A.
STEWARD'S MILL—Manahan, J. F.
Manahan, S. A.
SULPHUR SPRINGS—Bell, W. W.
Hodges, J. W.
Kirksey, W. L.
Sherman, John
SUMNER—Briggle, F.
Brown, Charles
Wilson, J. W.
SWEET HOME—Wendt, N. M.
SWEET WATER—Barton, B. C.
Cole, S. A.
Faber, L. C.
Mundy, J. J.
Pruitt, James
Seaton, K. R.
Wetsel, A. R.
SWISS ALP—Kriesling, Charles
Koethes, Chris.
TASCOSA—Padillo, Alfonso
Price, S.
TAYLOR—Evans, S. F. & Co.
Goslin, William
Hall, John
Hallam, Robert
Haslam, Al.
Haslam, Frank
McCormal, George
Nichols, Benjamin
Patton, John
Simmons, Fred.
Whitman, George
TEHUACANA—Boyle, G. C.
Nelson, A. J.
TEMPLE—Benjamin & Lee
Davis, James
Gibson Bros.
Schmid, Duffey & Guitar
TERRELL—Alvis, Jeff.
Brewer Bros.
Gage, Robert
Graves, H. C.
Neilson, J. W.
Sims & Hixson
THOMAS—Atkinson, A. S.
Harrison, D. C.
THOMASTON—Byrd, William
Marsch, F.
THORNTON—Davis, M. L.
Houge, William
McKey, M.
TIOGA—Brewer, G. W.
Hatch, R. J.
James, R. L.
TOLOSA—Todd, H. W.
Ware, J. I.
TRENTON—Connelly, A.
Hale, Gus.
Moreland, G. W.
TRINITY—Gibbs, D. G.
Rowan, C. L.
Wasson, William
White, Cally
TWIN SISTERS—Armke, F.
Luders, John
TYLER—Baker, M. P.
Boynton, T. W.
Ford, J. F.
Ford, W. G.
Lasseter, Sol.
Olson, B.
Porter & Roberts
Portis, John
Spicer, J. Y.
VALLEY—Hillert, John
Kinderwater, H.
Schoeninger, G. A.

VAN ALSTYNE—Brown, R. S.
Davis, N. M.
Echols, J. T.
Ellison, E.
Gentry, William
Sharp, J. C.
Mount, I. H.
VAN RAUB—Braden, Edw.
Newton, F. A.
Simon, Sylvester
VELASCO—Birkhead, W. J.
Campbell & Corn
Stacey, J. J.
Taylor & Batles
White, J. & N.
VERNON—Wood, R. A.
Strain & Pope
VERONA—Stroup, M. N.
Stroup, O. G.
VICTORIA—Applegate, H. D.
†Bailey Mills Co.
Cox, O. R.
Harris, G.
Scheroder, H.
VOX POPULI—Herbert, Thomas
Stockman, T. C.
WACO—Allen, J. E., 514 N 14th
Baade, Jno., 401 N 5th
Baker, B. F., 419 S 9th
Baker, J. B., N 5th & Garland av
Barton, T. B., 203 S 7th
Brown, W. A., 1609 Webster
Burke & Frances, Webster, n 6th
Carper, W. A., 1129 Webster
Craig, M. J., 208 N 5th
Edgar, J. R., 515 N 5th
Farney, J. T., 601 S 6th
Fowler, J. B., 107 S 5th
Fullwood & Bushnell, c Flint & S 10th
†Green & Walker
Harris, J. N. & Son, Dallas N of T. & T. C Ry
Harris, P. A., 515 S 10th
Harrison, J. K., Dallas rd, N of city limits
Harrison, J. S., 324 McKean E Waco
Hewitt, G. W., 511 N 10th
Hooks & Son, 510 Franklin
Jackson, W. E., c Austin & 20th
Jacobs, John, 205 S 8th
Ligon Bros., 603 N 11th
Longguth, B. G., 524 Vermont av
McNell, J. H., 607 Columbus
Marlander, C., 614 Webster
Menton, M., 401 N 4th
Moore, J. E., 1113 N 5th
Morrow, J. W., 1110 N 9th
Ockander, A., N 3d nr Jefferson
Rising, A. F., 712 S 9th
Slaughter & Blom, c S 7th & Mary
Storrie, R. C., 1112 Mary
Tennant, John, Mary nr S 16th
Thompson, Q. R., c Speight & S 21st
Ulander, J. E. & Co., c Webster & S 7th
Usher, Geo. S., 524 Rusk, E Waco
Vivrett, J. T., Webster nr 6th
Weber, Emil, 919 S 9th
Zeigler, F. B., 1015 S 8th
WALLIS STATION—Engelking, L.
Evans, J. M.
Mosley, John
WEATHERFORD—Chillcuts, W. J.
Davis, J. S.
Davis & McComb
Flinn, William
Huvelle, Hector
Jackley, R. L.
Jones, David
Kebelman, Robert
McCall, James
Marks, T. A.
O'Gwin, J. W.
Schrimpser & Armstrong
Scroggin, J. N.
Smith Bros.
Solon, Michael
Toope, John
Vaughn, T. H.
WEIMAR—Bopp, William
Ferguson, Hy.
Wendt, John
WESER—Albrecht, C.
Dohman, Anton
WHARTON—Benthall, Andrew
Moore, A. G.
WHITE MOUND—Lackey, H. A.
Mitchell, W. W.
WHITESBORO—Bush, Thomas
Cariker, J. S.
Gordon, W. A.
WHITEWRIGHT—Payne & Jordan
WHITNEY—De Lamar, J. D.
Neal, J. F.
Neal, T. D.
Schmidt, H. F.
WICHITA FALLS—Libbey & Stipe
Moore, W. L.
WILLIAMSBURG—Garner, W. P. & I. N.
WILLOW HOLE—Childress, W. E.
Sheffield, John
WILL'S POINT—Compton, J. G.
Douglas, J. I.
Yancy, B. F.
WOLFE CITY—Cox, G. B.
Thomas, E. L.
Yarborough, B. F.
WOODBURY—Curry, Edward
Jennings, G. W.
WOOTAN WELLS—Goodman, William
Massey, J. W.
WRIGHTSBORO—Bowen, James
Landfare, G. W.
WYLIE—Barnes, J. V.
Rucker, W. H.
YOAKUM—Browning, Moody & Co.
YORKTOWN—Kirdner, Wm.
Sauermilch, C.
Zuch, L.
ZAPP—Albrecht, E.
Muenzler, Wm.
Wagner, A.

UTAH.

COLLINSTON—†Garland, Wm.
†Pilmer & Newman
EUREKA—†Irwin & Eltoft
†Wetherlll, M.
LOGAN—Anderson, Anthony
†Blumell & Anderson
Johnson Bros.
Montrose & Warley
Neilson Bros.
Smith Bros.
W. O. M. & B. Co.
MANMOTH—†Ronan, Jas.
MILFORD—†Kilpatrick Bros. & Collins
†Waltz & Reece.
NEPHI—†Adams, John, Sons & Co.
OGDEN—†Bauscher, J. F., 2228 Grant av
†Channell, Clarence W., Polk av, S of 21st
Clark, T. J., 2420 Grant
Dallimore, Edwin, 2374 Wash'n av
†Gillis, Mathias, 374 23d
†Humphries, C. J., 1068 23d
†Ingbretsen, Christopher, 2218 Wash'n av
†Jost, A. J., 2233 Jefferson av
†Jost, S. E., 581 22d
Mitchell, Chris, 214 21st
†Newton & Lightfoot, 2418 Grant av
†Richardson & Berry, 307 24th
†Taylor, J. M. D., 1064 22d
†Ware, H. J., 937 22d
PLASANT GROVE—Ward, E. J. & Sons
PROVO CITY—Alexander, W. D.
†Allman, Thos. M.
†Belmont, S. H.
Meldrum, Wm. B., M & 13th
Newell, Frank E., 3d bet B and C
Monsen, Knut
Olsen, O. H., N 1st S of 5th
Perry, Edgar
RANDOLPH—†Brough, Samuel
RICHMOND—†Monson & Schow
SALT LAKE CITY—Allen, W. L. N., 24 I
†Anderson, David P., 1155 E 11th, S
†Asper, Noall & Co., 157 W N Temple
Best, Ezra, West Temple
Brain, C. J., 73 S Main
†Brown, Samuel J., 546 N 3d, w
†Button, Herbert C., 164 W 3d, s
Chamberlain, W. H., 534 W 2d, s
†Clark, Edward W., 240 W 6th, n
†Commercial Mill & Bldg. Co., 141 S 3d, w
†Davisson, Ira H., 876 4th
Fagenberg, Adolph, 99 Rio Grande
†Folsom, Hinman D., 22 S 1st, w
Gaby, Edw., 124 W 2d, s
Gaby, Will D., 152 W 5th, s
Gleason, J. C., 663 9th, e
Goodsell, Jules D., 216 W 5th, s
†Griffin, Daniel S., 214 Atlas blk
†Grunfor, Andrew, 726 W 6th, n
†Hoffman, Peter G., 265 I
†Hyrup, Andrew, 781 1st
McDonald, Alexander, 121 B
†McLachlan, Wm., 462 S W Temple
†Millies, H. S., 114 E 2d, s
Morrow, Geo., 512 Constitution bldg
Mortensen, Henry, 736 E 12th, s
Petersen, J. P., 149 W S Temple
†Pickering, Willard R., 687 4th
Potter, Wm. S., 534 E 6th, s
†Redfield, Homer E. C., 1218 Milton av
Rhodes, Geo. F., 1402 W 7th, s
†Robinson, Thos. N., 79 Market
†Salt Lake Bldg. & Mfg. Co., 40 N 2d, w
Sandberg, J. C., 118 W S Temple
Selsor, W. W., 255 S Main
†Shaw, L. C., 356 S 1st, w
Sherrell, Samuel C., 1026 9th, e
†Staats, C. B., 238 S 10th, e
†Tenth Ward Lumber & Bldg. Ass'n, 758 E 4th, s
Timms, Wm. J. A., 807 3d
†Tobiason, Theo., 443 3d, e
Tuddenham, W. J., 663 2d
†Van Houten, Peter, 32 H
Wallace, Howes C., 535 Chester av
†Warren Bros., 206 S State
Watrous, Wm., 375 S State
Wetsel, Edwin M., Jr., 476 W 6th, s
Woodle, C. M., 29 S W Temple
†Worthen, A. H., 234 I

VERMONT.

ALBANY—Annis, W. K., Jr.
Wallace, T. J.
ALBURG SPRINGS—Bell, C. W.
Curdles, George
Gallagher, Joseph
BARNET—Brown, George L.
Gilman, C. Q.
Lang, J. Q. A.
BARRE—Ball, C. W.
Batchelder, J. C.
Bradford, W. F.
Cheever, Lewis
Clark, George F.
Dodge, A. F.
Gates, S. L.
Lane, A. W.
Varney, C. C.
Waters, Frederick
BARTON—Devereaux, Reuben
Shields, P.
BARTON LANDING—Gay, C. E.
Parker, Heber
BELLOWS FALLS—Buckman, A. H.
De St. Croix, P. & W.
Fassett, H. H.
Lockwood, L. D.
Moriarty, Frank
Phelps, Henry
†Stuart & Wilson
Underwood, George
Witherbee Bros.
BENNINGTON—†Boyd, Edgar F.
Buss, Edward
†Carpenter, T. A.
Crawford, R. J.
Gilmore, Joseph L.
Keyes, L. B.
Lindley, James
†March, C. B.
Nevels, J. J.
†Bussell Lumber Co.
BENNINGTON CENTRE—Dunhan, D.
Sears, C. F.
BENSON—Barlow, Frederick
Coates, Albert
Coates, H. M.
Dorsey, James
BERKSHIRE—Kinney, Otis
Lang, Wm. & Robert
Vadney, Felix
BETHEL—Bowen, A. H.
Brooks, A. B.
Chadwick, J. C.
Jackson, E. S.
BRADFORD—Aldrich, Edwin R.
Chapman, P. O.
Everett, Joseph
Gage, Sylvester D.
BRANDON—Lowell, H. O.
†Rogers, Thos. W.
Worden, E. S.
BRATTLEBORO—Dix, G. A.
†Fisher, W. H., 6 Forest
Hall, Geo. H.
Harris, D. W., Western av, W B
Harwood, G. B.
Hill, Alex. F.
†Holden & Martin
†Hunter, H. P.
†Johnson, Wm. B.
†Knowlton, Geo. W.
†Nason, Chas. F.

Plummer, J. D.
†Rohde, A. F.
†Stone, Seth B.
†Stowe, A. W.
Thomas, F. R.
†White, Noyes H.
Winchester, H. C.
Wyman, E. S.

BRIDPORT—Bordeaux, T. T.
Governor, Elijah
Hebert, Edward
Howe, G. F.

BRISTOL—Brown, Henry
Daniels, A. P.
Guidon, Benedict
Palmer, E. B.
Rogers, C. W.

BROOKFIELD—Blake, C. E.
Sargent, A. E.

BURLINGTON—†Austin, A. L., 211 Main
†Austin, Z. T., 244 College
†Blondin, Wm., 228 Main
Cassarry, Andrew, 109 North av
†Cayea, Wm., 88 Rose
†Clapp, McLaughlin & Co., 45 Mechanic
Hathaway, A. J., North av
†Dennis, Jno. E., City Market bldg
†Kelley, John W., 40 N Champlain
Lee, Frank E., 89 Hyde
Lowell, A. P., 49 Mansfield av
†Mason & Co. (Large), 144 College
†Morgan, Jos. S., Western n Henry
†Mills, Byron M., 344 North
Potwin, Louis, Walnut c Spring
Ritchie, Chas., 18 Mechanic
Shortsleeves, Chas. A., 44 School
†Spear Bros., S Battery c Bank
†Watson, David M., 61 Front
†Whitney, Chas., 10 Townsend pl

CANAAN—Aldrich, A. R.
Gay, W. F.
Griswold, F.

CASTLETON—Fuller, O. E.
Waters, Hiram

CAVENDISH—Earle, Wm. H.
Willard, O. A.

CHARLOTTE—Jones, H. H.
Pease, E. S.

CHELSEA—Dearborn, Calvin
Dearborn, H. W.
Godfrey, C. E.
Lyman, Jno.
Spear, Warren & Harvey
Tracy, Frank

CHESTER—Gould, James A.
Peabody, N. P. (stair builder)
Williams, W. C.

CHITTENDEN—Clark, Paul
Perry, Henry

CORNWALL—Cobb, Philemon N.
Frost, N. A.

ANBY FOUR CORNERS—Croff, D. V.
Kelly, E.

DANVILLE—Dole, William M.
Fisher, W. F.
Preston & Green

EAST BERKSHIRE—Cook, Isaiah
Smith, Ira A.

EAST DOVER—Metcalf, J. H.
Yean, Frank E.

EAST FRANKLIN—Deming, J. E.
Vadney, Felix

EAST MIDDLEBURY—Olmstead, Waldo
Ross, C. W.

EAST POULTNEY—Dewey, O. A.
Wood, Ahira

ESSEX JUNCTION—Parker, Frank
Yandeau, David

FAIRFAX—Fancher, W. H.
Hunt, P.

FAIRFIELD—Maloney, Thomas
Meehan, Ed.
Montgomery, L.
Shannon, James T.

FAIR HAVEN—Bosworth, J. S.
†Davis, F. M.
Fernald, J. M.
Wood, Nelson

FELCHVILLE—Persons, Forest G.

FLETCHER—La Point, N. B.
Wetherbee, B. P.

FRANKLIN—Anderson, John R.
Brill, Milo P.
Simpson, I. P.

GRAND ISLE—Gordon, Ira
Hoag, S. W.
Parks, W. E.
Tobias, C. E.
Tobias, Sidney

REEN RIVER—†Brackett, Chas. F.

GROTON—Carpenter, George
Goodwin, William E.

GUILFORD—Johnson, Otis E. G.

GUILDHALL—Hyde, D. H.
Lee, Henry
Willard, Hubbard

HARDWICK—Hines, C. L.
Marsh, O. H.
Philbrook, A.

HARTFORD—Huse, David D.
Johnson, W. F.
Williamson, B.

HIGHGATE CENTRE—Harrington, James
Morehouse, Eli

HYDEVILLE—Curtis, A. R.
Ludden, C. R.

IRA—Curtiss, M. W.
Lincoln, Don E.
Lincoln, George W.

IRASBURG—Beede, George
Colton, John
Colton, John D.

ISLE LA MOTTE—Hill, Calvin P.
Holcomb, Carnie
Holcomb, E. S.
Thomas, Oliver J.

ISLAND POND—†Ladd, M. B.

ISLE LA MOTTE—Holcomb, E. S.
†Thomas, Oliver J.

JACKSONVILLE—Easton, S. G.
Peebles, Emery
Pike, A. H.
Pike, O. H.

JAMAICA—Allen, Milton E.
Clark, S. C.
Sanders, Horace W.
Skinner, Moses C.

JAY—Chamberlin, H. D.
Huntley, S. S.
Myers, George C.

JEFFERSONVILLE—Davis, G. S.
Holmes, George W.

JERICHO CENTRE—Bickwell, G. C.
Chambers, H.

JOHNSON—Bradley, R. B.
Pike, Arthur

LONDONDERRY—Parker, G. L.
Westcott, F. N.

LOWER CABOT—Batchelder, M.
Osgood, H.

LUDLOW—Bryant, J. B.
Bryant, O. B.
Chapman, C. & Son
Chase, Albert A.
Sargent, D. R.

LUNENBURG—Morgan, Albert L.
Wilson, Horace

LYNDON—Bennett, P. B.
Hadley, J. G.
Houghton, P. C.
Mooney, C.
Trefen, C. F.

LYNDON CENTRE—Hubbard, C. K.
Hubbard, W. H.

MANCHESTER—Cook, Richard
Hanley, W. H.
McBride, John J.
Perkins, Truman

MANCHESTER CENTRE—Brewster, Frank
Burritt, Edwin
Sessions, G. H.

MARLBORO—Mather, David

MARSHFIELD—Brown, Frank
Preston, C. I. & Son
Wilson, Joseph

MIDDLEBURY—Bicknell, O. A.
Rogers, I. L.
Rogers & Lavonche
†Smith, Clinton
†Smith, W. D.

MIDDLESEX—Bronsen, A. C.
Carey, Thomas
Edgerly, P. D.
Hamblet, Newell O.
Long, Myron

MIDDLETOWN SPRINGS—Beals, Henry
Weller, Nathan

MILTON—Allen, Eugene
McGee, H. H.

MONTPELIER—Alexander, A. W.
Coats & Corry
Dodge, D. H.
Goodwin, W. H.
Guernsey, George H.
Jackson, W. E
Jaslin, Eugene
Noyes, W. W.
Woodward, H. B.

MORGAN—Farr, L. D.
Farr, O. L.

MORRISVILLE—Burke, H. R.
Fitch, C. W.
Hewson, David
Hunt, B. O.
Hunt, S. P.
Montague, R. S.
Shippy, G. R.
Whitney, A. F.

NEWBURY—Bailey, E. F.
Barnett, George
Blodgett, C. D.
Temple, Matthew

NEWFANE—Brown, Saml. G., Jr.
†Smith, Alton W.
Underwood, Fred W.

NEWPORT—Davison, J. C.
Keith, S.
Mitchell, Frank
Stark, R.
Story, G. D. & Co.

NORTH BENNINGTON—Harlan, John
Mattison, Edgar
Minott, Scott
Tonsley, L. M.
Walworth, George W.

NORTH CHESTER—White Bros.

NORTH FERRISBURG—Keeler, A. C.
Miller, Charles C.
Miller, Harley

NORTHFIELD—Newton, F. S.
Silsbury, Richard

NORTH POMFRET—Brownell, Fred J.
Bughee, Justin
Colburn, Amos W.
Harding, H. M.
Thomas, Philip V.

NORTH TROY—Bailey, Chandler
Elkins, William G.

NORWICH—Cook, R. E.
Knight, W. R.

ORWELL—Coburn, J. M.
Kimberley, James

PAWLET—Black, John H.
Lackey, A. J.

PEACHAM—Darling, L. E.
Hidden, M. S.

PITTSFIELD—McCullom, George
Taylor, L. E.

PITTSFORD—Barnard & Whitney
Hewitt, Austin A. & W.
Hitchcock, Charles A.
Morseman, George H.
Noyes, Fred B.
Tarble, G. F.

PLAINFIELD—Batchelder, Ira
Batchelder, Sewall
Gove, N. B.
Keniston, Henry

POULTNEY—Ripley Lumber Co.
Rogers, Amos J.
Wilson, Ashley M.

POWNAL—Ladd, Joshua
Larrabee, William

PROCTOR—Geno, Joseph

PROCTORSVILLE—Piper, N. G.

PUTNEY—Amidon, E. R.
Brown, Chas. F.
Clough, Dana
Holt, Eugene L.
Sanderson, Edwin
Whitman, E. F.

QUECHEE—Russ, George
Sargent, O. J.

RANDOLPH—Chadwick Bros.
Hoyt, George
Lewis, B. F.
Sault, Peter

RICHFORD—Impey, Wm. M.
†Parker, L. B.
Sweat, I. J.

RICHMOND—Andrews, Samuel A.
Terrien, S.

ROYALTON—†Lyman, Chas. A.

RUPERT—Hay, E. F.
Trumbull, Charles

RUTLAND—Arnold, L. Scott, 34 High
†Coates, M. A., 55 Pierpont av
†Conniff, Frank, 75 Evergreen av
Dexter, B., 11 Court sq
†Ellis, Geo., 105 Park av
†Germain, John F., 13 Library av
†Heath, A., 61 Pine
†Houston, Byron K., 53 Chestnut av
†Lyman, Milo, 60 Chestnut av
Lyman, Wm. H., 27 Crescent
†Noyes, H. F., 127 State
†Page, Chas. E., 141 N Main
Sargent, Wm. H., 28 S Main

ST. ALBANS—Brean, Joseph
Coburn, F. A.
†Ledoux, J. B.
Rocheford & Chagnon
Sturges, H. J.

ST. JOHNSBURY—†Bragg & Morris

SALISBURY—Cloyos, John T.
Yale, Will

SHARON—Fay, George E.
Smith, George D.
SHEFFIELD—McDowell, R. J.
McDowell, William S.
SHELBURNE—Clifford, N. E.
Nichols, P. S.
Quinlan, J. P.
Quinlan, M.
SHELDON—Bush & Holmes
Curtis, Frank P.
SOUTH BARRE—Arbuckle, H. B.
Lane, A. W., & Son.
SHELDON SPRINGS—Beard Bros.
SOUTH BARTON—Ahhott, Geo. W.
Forrest, John,, Jr.
SOUTH NEWFANE—Lyon, Geo. W.
SOUTH ROYALTON—Day, Danforth
Ross, Freeman
Spaulding, G. B.
SOUTH WOODBURY—Carr, H.
Sullivan, A.
Trow, G. C.
SPRINGFIELD—†Burpee, W. L.
†Burpee, Warren L.
†Howe, Hy. E.
†Moore, Jos. E.
STARKSBORO—Glifford, G. B.
Ladoo, C.
STRAFFORD—Avery, C. F.
Hyde, Hiram
Scribner, W. F.
SWANTON—Chamberlain, N. E.
†Gauthier, Louis
†Prouty, E. M.
THETFORD CENTRE—Lucas, Charles T.
Porter, Adna
TINMOUTH—Northrop, George
Norton, Amos
TOWNSHEND—Chamberlain, H. H.
Sanders, H. W.
TROY—Aiken, J. B.
Cohurn, G. V.
Wood, A.
VERGENNES—Alden & Perkins
†Le Beouf, Chas. E.
WAITSFIELD—Dana, S. I.
Long, M. J.
Johnson, Stephen
WALLINGFORD—Edgerton, Martin V.
Strong, W. M.
Remington, J. T.
Warner, C. M.
WARREN—McAllister, William Y.
Martin, C.
Miller, E. W.
WASHINGTON—Huntington, George E.
Ordway, B. F.
Smith, C. H.
WATERBURY—Crossett, T. B.
Deal, William
WATERVILLE—Harvey, C. D.
Leach, Hiram N.
Mann, E. I.
Wills, E. C.
WELLS RIVER—Aitken, Andrew
Dalton, J. A.
Jackson, G. I.
WEST BRATTLEBORO—Hill, Alex. F.
Stowe, F. E.
WEST CONCORD—Pratt, W. C.
Stacy, C.
WEST DERBY—Mitchell, F.
Robinson, P. S.
WEST DOVER—Hill, O. E.
Howard, J. B.
Moore, S. H.
WEST FAIRLEE—Matson, H. M.
Titus, S. J.
WESTFIELD—Austin, A. C.
Bullard, J. N.
WESTFORD—Dimick, N. C.
Stone, Henry
WEST HARTFORD—Bruce, Samuel
Wills, Ordis
WESTMINSTER—†Richardson, L. C. (Large)
WESTON—Christensen, J. M.
French, Lorenzo
Johnson, J. C.
Parkhurst, Jesse
WEST PAWLET—Trumhull, Henry
Waite, D. C.
WEST RUPERT—Beebee, Edar H.
Clark, Newton
Gragen, George M.
Hadaway, H. H.
WEST RUTLAND—Gobar, M.
Hazelton, Jason
Hudson, Norman
North, A. E.
Potter, W. A.
WHITE RIVER JUNCTION—†Moore, W. P.
Slack, B. H.
WHITING—Needham, William W.
WHITTINGHAM—Fuller, E. L.
Plumh, L. F.
Reed, E. J.
Sawyer, George E.
WILLIAMSTOWN—House, Henry C.
Hutchinson, Jerre
Perry, John A.
Savage, Charles E.
WILLIAMSVILLE—Morse, Luke O.
Wheeler, E. P.
WILMINGTON—Adams, H. L.
Haynes, George E.
WINDSOR—Ayer, Harvey
Bryant, S.
Covell, Charles A.
Floyd, Daniel
Waite, Fred
WOLCOTT—Liherty, P. J.
Putnam, O. J.
WOODSTOCK—Sayward, Charles W.
Sherwin, Oliver
WORCESTER—Bailey, M. J.
Kent, M. P.
Tewksbury, C. C.

VIRGINIA.

ABINGDON—†Browning & Bradley
Pate, C. T.
ACCOMAC—†Coard, G. W.
ACTEON—Prince, R. B. & Son
AFTON—†Critzer, J. I. & Sons
ALDIE—Tyler, Wm. E.
ALEXANDRIA—†Rodgers, Joseph, South Fairfax
†Scott, Thomas, 113 S. Pitt
ALLWOOD—Euhank, T. J.
Euhank, W. D.
Wright, B. J.
AMELIA—Stingle, Chas. J.
Wingo, Jno. W.
AMHERST C. H.—Cox, R. M.
Hamilton, E. T.
AMICUS—Austin, James W.
Riddle, Charles H.
AMORITA—Burckett, J. O.
Cox, Y. M.
Wallis, P. J.
ANNEX—Fretwell, W. A.
Gilhert, F. P.
ARK—Braxton, Frank
Driver, J. W.
ARVONIA—Binninghave & Whittow
Whittow, W.
ASHBY—Sanderson, C. R.
†Sanderson, E. R.
ASHCAKE—Butler, Frank
Tyler, Henry Clay
Tyler, William N.
ASHLAND—Bowles, George
Bowles, J. W.
Bowles, P. T.
Crow, Charles W.
Stone, S. M.
Tiller, John
BARBOURSVILLE—Dickerson, J. R.
Faulconer, John C.
Lancaster, P.
Pratt, J. H.
Wehh, G. S.
West, James H.
BARTON HEIGHTS—Langford, C. L.
BASIC CITY—†Ellis & Coyner Bros.
†Lotts, A. B.
BEALETON—Kane, John T.
Spear, James
BEDFORD CITY—†Bondurant, J. E.
†Buck, E. G.
BELMONT—Chewing, Geo. & Bro.
BENTONVILLE—Barber, G. W.
Fristoe, R. A.
Hifflin, W. M.
Lockhart, J. W.
BERKLEY—†Farrell, Mack M., 305 7th
†Smith, Augustus C.
†Whitehurst, Geo. D.
BERRYVILLE—Shackleford, J. H.
†Thompson & Ogden
BIG STONE GAP—†Spalding, C. E. & C. H.
BLACKSTONE—McDaniel, J. E.
Sullivan, J. M.
BLAND—Locke & Thompson
BLUFF CITY—Dennis, E. H.
Mitchell, James A.
BOYDTON—†Moore & Crosby
BRIAN—Grady, T. T.
Hall, Julius
McGehee, L. C.
BRIDGEWATER—†Avery & Wilson
Beachley, E. E.
Spitzer, G. Carr
Thuma & Dorel
BUCHANAN—†Sexton, John
Vaughan, Sidney W.
West, T. J.
Witt, C. M.
BUENA VISTA—Drever, John
Lee, E.
†Menefee & Co.
Phillips, R. J.
Weaver, J. W.
Wright, C. A.
BUFFALO JUNCTION—Pool, B. F. & R. P.
CAPPHOSIC—Jayne, George
Jayne, Herhert
Jayne, William
Maunox, William F.
CARTERSVILLE—†Cardwell & Duke
Rohertson, E. T.
CASTLEWOOD—†Childs, J. M. & A. L.
CEDAR BLUFF—Felds & Stinson
CEDAR FOREST—†Haynes Bros.
Wilburn, G. D.
CENTREVILLE—Cross, W. D.
Vowles, R. D.
CHANDLER—Childress, T.
Stapleton, Daniel
Venahle, Burton
CHARLOTTEVILLE—†King Lumber Co.
Phillips, James
Walters & Vandegrift
CHATHAM—De Mott, C.
Griffin, W. C.
Poindexter, W. R.
CHERRY GROVE—†Floyd, A. E. & Bro.
CHERRYSTONE—Reid, Geo. T. & Co.
CHILHOWIE—†Morris, J. S.
CHRISMAN—†Stover, B. F. & Son
CHRISTIANSBURG—†Hickok & Bro.
Sower, T. W.
CHURCH VIEW—Chewning, John
Milby, C. D.
CLARKSVILLE—Ligon, J. A.
Williamson, J. W.
CLAY MILLS—Richardson, Frank
Smith, A. J.
CLIFTON FORGE—Coynor, R. A.
†Fisher, E. P.
†Fowler, Theril
Stoup, L. B.
Thomas, J. F.
Trihhitt, R. R.
Wills, W. L.
CLINTWOOD—Dale, David
Floyd, L. O.
Kelly, D. G.
Roach, W. T.
Vanover, W. S.
Wright, J. W.
CLOVER—Carr, T. K.
Pittman, C. J.
COATES—Sharp, C. W.
Sharp, D. A.
COMFORT—†Duff, S. H. & Bro.
COVE CREEK—Neel, M. F. & Co.
COVINGTON—†Alexander, Jno.
†Baker, John
†Long, J. B. & W. A.
†McClung, J. E. & Co.
Pickney, J. R.
Wyate, Jno. W.
CREWE—Butler, W. C.
Phillips, B. W.
Wise, W. Re.
CRIGLERSVILLE—Kilby, W. A.
Rosson, T. W.
Twyman, R. D.
CULPEPER—Courtney, Albert
Coynor, Jno. L.
Curtis, J. T.
Flagand, J. R.
Gaines, W. H.
Hilt, Lewis
Smith, G. W.
Spicer, Henry
Washington, James
DANVILLE—Brown, F., Dame and Lee
Crawley, W. H., Clay, N. D.
†Deitrick, W. H., 506 Patton
†East, Chas. H., 116 Ridge
†Ferguson, J., Clairborn st
†Fitzgerald, S. B., 134 Holhrook
†Graham, J. V., 539 Patton
†Graham, R. B., 312 Patton
†Osborne, H. A., 681 Lee
†Pleasants, Jos. R., 518 Patton
DAWSONVILLE—Garber, J. H.
Herndon, J. H.
DAYTON—Detmore, St. C.
Linhoss, Adam
†Suter & Bryan

DENMARK—Chittum, Newton
Grogg, Wm. H.
DICKENS—Allen, L. D.
Long, R. L.
DRYDEN—Barker, J. B.
†Flanary & Slump
Warholm, Charles
DURAND—Eason, Dempsey
Jones, Henry
EAST RADFORD—Stump, J. H.
Stump, J. T.
Sturdevon, D. V.
EGGLESTON—Burton, C. W.
Holliday, R. P.
ELK CREEK—†Draper & Emerson
ELK HILL—Grady, W. J.
Hughes, R. K.
ELKTON—Walter, R. L. & Son
EMMERTON—Brooks, R. M.
Callahan, T. C.
Luttrell, James
ENONVILLE—†Gregory, E. D. & Co.
ETNA MILLS—Blake, A. J.
Davis, Jas. M.
Sullins, Louis
Sweet, W. A.
FAIRFAX—Steel, W. H.
Thompson, Arthur
Thompson, W. L.
FALLS CHURCH—Brinkerhoff, M. H.
Brunner, G. A.
Hillier, Thomas
Lounsbury, A. E.
Poole, G. W.
Thompson, S. E.
Wells, J. H.
FANCY GAP—†Morris, Wm. P. & Son
FARMVILLE—Blew, N. H.
Burton, Robt. M.
†Burton & Davis
Cox, Geo. E.
Miller, Wm.
Pollard, Daniel
Twetvetress, F. H.
White & Carter
FAUQUIER SPRINGS—Burke, Ham
Hanback, James
FENTRESS—Hanberry, M. A.
Nicholas, J. A.
FINCASTLE—Crush & Roach
Dillon, F. W.
Dillon, John
Obenshain, A. W.
Slusser, E. J.
Wright, Jno. W.
FISHERS HILL—†Calvin & Bauersman
FRAY—Grayson, R. W. & Bro.
FREDERICKSBURG—†Bowling, A. J.
Garner, A. M.
Heflin, Jno. J.
Worter, Geo. W.
FRONT ROYAL—Beyer, G. E.
†Macatee, C. A.
Stautmeyer, L. M.
GLADSBORO—Hurst, W. L.
Marshall, J. W.
Martin, J.
Stuart, G. W.
Willard, C. G.
GLEN ALLEN—Broaddus, E. E.
Lucas, G. W.
Sheppard, O. E.
GLENDALE—Barnes, J. F., Jr.
French, W. W.
GOODES—Clayton, A. C.
Crank, W. L.
Roberts, L. L.
GORDONSVILLE—†Ellicutt & Brodfield
†Harris & Tate
Petty, L. M.
GROTTOES—†Eutsler Bros. (Large)
HAMPTON—†Brinson, J. H.
†Holtclaw Bros. (Large)
†Mears, G. O.
Messenger, P. B.
Patrick, A. A.
†Thompson & Remington
Topping, Hy. C.
†Wallace, A. D.
HARRISONBURG—†Bassford Bros.
†Billhimer, Wm. M.
†Bucher, William M. & Son (Large)
†Fultz & Rhodes (Large)
HARRISTON—McAllister, G. F.
May, E. H.
HEAD QUARTERS—†Lantz & Lindamood
HICKSVILLE—Shuffleboard, Jno. W.
†Stark Bros.
HILLSVILLE—†Howlett, W. G. & R.
HOPESIDE—†Kamps & Carter
INDIAN VALLEY—†Hylton, H. H. & Sons
IVANHOE—†Pierce Bros.

JEFFRESS—†Jeffress, R. M. & Son
JETERSVILLE—Cayer, G. J.
Keeton, J. E.
Royal, R. J.
Sunstall, Henry
Sunstall, W. F.
Sunstall, W. S.
Warren, J. R.
KARL.—Alvis, A.
Alvis, Wm.
†Weber, G. M.
KELLEY—†Britts & Hampton
Hall, Geo. P.
Ireson Bros.
KEMPSVILLE—Bassooth, J. W.
Carraway, J. S.
KENT'S STORE—Perkins, W. S. & J. W.
LAMSBURG—Combs, S. C.
Lyons, C. W.
Lyons, O. S.
Whitaker, J. M.
LANCASTER—Norris, John C.
Pierce, William
Sloan, William
LAUREL HILL—Childs, T. J.
†Frey, J. F. & Son
†Yount, D. B. & Son
LEESBURG—Clagett, R. D.
†Norris Bros
LEWINSVILLE—Torryson, Henry
Williamson, Jno. G.
LEXINGTON—Boogher, E. N.
Colvin, W. C.
Heck, J. E.
Layne, D. S.
LINDEN—†Cary & Nukens
LITHIA—Broks, Thomas
Bryant, J. P.
LOUISA—Crawford, Moses
Hunt, Westley
LOVETTSVILLE—Fry, Chas. W.
Hough, Rodney C.
LUNDY—†Pool & Catson
LURAY—Brayes, H. F.
Mauck, G. W.
LYNCHBURG — Adams - Monroe Mfg. Co. (Large)
†Agnor, Lee S., & Son
†Farrar, A. W., 206 B
†McLaughlin, Jas. T., 811 Main
Parrish, J. E. (Large)
†Pettyjohn, John P., & Co. (Large)
Smoot & Shehan
†Snead, W. B. & Co., 1321 Main
Stephens, Jas. L., 1211 Church
Thomas, Robt. O., 1509 12th
†Wilson & Seay, 504 Main
McDOWELL—Carlchoff, L. A.
Crowley, Jno. M.
Eddins, J. T.
Ervine, E. V.
MANASSAS—Cannon, J. A.
Hixson, R. W.
Lloyd, J. H.
†Muddiman, Jacob
Tilett, J. R.
MANCHESTER—†Newell, Alonzo, D.
†Walker, R. D.
MANNBORO—Burton, J. B.
†Mann, B.
Moore, F. W.
MARLBORO—†Windle & Hodge
MARTINSVILLE—Aaron, C. C.
Carter, R. L.
Davis, B. I.
Heard, J. C.
Leavender, J. P.
Lewis, Linsey
MASSIES MILL—†Sheffield, A. S. & Co.
MATHEWS—Forrest, Geo. W.
Miller, W. M.
Weston, Jno. A.
Weston, Richard
MEADOW CREEK—Dobson, Joseph
Frost Clark
MECHANICSBURG—Fletcher, James
Harman, W. G.
Hutchins, Wm.
Reed, Joseph
MERRIFIELD—Walker, T. H.
Walker, W. T.
MIDDLEBROOK—Rosen, H. T.
Wiseman, Chas. F.
MIDDLETOWN—Greenwalt, A. J.
†Ridings & Campbell
†Virginia Bldg. Co.
MIDWAY—Pool & Son
MILL GAP—Bird, Reece
Clendum, G. G.
Wade, James O.
MIRA FORK—Slusher, J. B.
Slusher, Landon

MISKIMON—†Cockerill Bros
MOBJACK—Shenault, J. M.
White, Claud
MONTEREY—Buzzard, W A.
Shumate, A. A.
Williams, J. E.
MT. SOLON—Hopewell, J. W.
†Michael, J. A.
†Stoutameyer, A. C.
†Stoutameyer, Geo. W.
NAIN—†Maple, T. W. & Bro
NARCOTT—Otey, C. D.
Otey, D. B.
NEW KENT—Bengley, G. W.
Cook, R. D.
NEWMANS—Beadles, C. L.
Christian, H. B.
NEWPORT—†Falk Mfg Co
Wingo, Sylvester
NEWPORT NEWS—†Burnette, R. C., 323 25th
Beale, David F., 221 25th
†Curtis, Jas. C., 114 35th
Davis, Jno. W., C. & M. Bk. bldg
†Davis, Stephen, 445 30th
Downing, Julian E., 231 30th
†Eastman, M. J., 3014 West av
†Goodman, Jno. L., 114 35th
†Harwood, R. K.
†Home Building & Contracting Co., 211 31st
†Lumber, W. H., 1019 27th
McMillen, Jas., 2900 Wash. av
†McNulty, Chas. W., 911 27th
†Pillow, B. T., 651 28th
†Putnam, W. C., 123 26th
Vaughan, E. R., River rd bel Pier 8
Via, Geo. A., 114 27th
Wallace, A. D., c 31st & Lafayette av
†Ware, Geo. G., 240 Orcutt av
†Washburn, Wm. W., 1240 27th
NORFOLK—Blick, L. T., & Son., 69 Cove
†Banks, Geo. T., Monticello av & Freemason
Brown, Jno. Y., 18 Hill
†Carhart, Chas. W., 134 Bank
Clubb, Jno. E., 137 Maltby av
Cherry & McKown, 79 Wolfe
Good & Joynes, 25 Randolph
Holtclaw Bros., Lowenberg bldg
†Hart, Edward, 568 Main
Johnson, Alex. M., 46 Bank
Murray, W. D., & Co., 234 Main
†Moore, Melvin J., 48 Talbot
†Powell, Wm. W., Riverside
Sanford & Brooks, Sanford bldg
Scott & McCoy, 112 Bank
†Tatterson Elbert, 312 Main
Tyree Bros., Lowenberg bldg
Worrell & Williams, 4 Plume
NORTH—Mason, J. L.
Miller, G.
Miller, Robert
ORANGE C. H.—†Leake, R. F.
PALMYRA—Anderson, Joseph H.
Cariner, Tyler
Clements, G. H.
Terrell, Wm. E.
PENDER—†Renny, Morris D. & Son
PETERSBURG—†Hollingsworth & Hogwood, 47 Long Market
†James, G. N., 45 Long Market
Robinson, W. W., High
Rowell, J. C., Sheppard
Tucker, George W., 5 N Union
PHOEBUS—†Clark, W. F.
Fuller, P. A.
PLEASANT RIDGE—Dawley, W. W.
Malbone, J. D.
White, H. L.
POCAHONTAS—Kobrich, Edw.
PORTSMOUTH—Boswick, Jas. R., 112 Effingham
Hutchins, S. B., 409 Wythe
†Moody, C. N., High n 2d
†Overman, Edw., County extd, c Virginia av, C P
Parker, Thos. G., 520 Court
Watson, Squire, 1309 County
Wilkins, Edw. B., 207 Hatton
†Williams, A. R., 105 North st
†Williams, E. B., Hatton st
†Williams, J. Herbert, 21 Washington
POTTS CREEK—Childs, D. D.
Given, A. S.
Hall, J. F.
Reid, Geo. W.
PULASKI CITY—†Barton & Stuart
†Connelly & Dickson
†Miller & Warden
PUNGO—Malborne, Abner C.
Malborne, James O.
Malborne, John T.
QUINQUE—†Duff, W. F. & Bro

RADFORD—Burton, Chester
Enbass, James
†Enterprise Contracting Co
RAY—Crowley, J. B.
Crowley, W. L.
REDBLUFF—†Blair & Sampson
Hines, James
Hudson Bros & Armbrister
REMINGTON—Brown, J. B.
†Hume, R. F. & Bro
RICHMOND—Bradley, W. B., Construction Co., Dock n 17th
Burton & Bass, 102 Governor
Burton, Wm. O., 2914 E Broad
Carpenter, Wright & Co., C of C bldg
Cheatwood, Leonard J., 1211 E Broad
†Chesterman, W. A. (Large), Cham of Com bldg
Cooley, Abner, 16 N 3d
Davis, C. W., & Bro., 111 W Broad
†Deane, J. Spencer, 212 N 1st
†Dietrick, E. Jacob, 306 N 21st
Drever, Jno. & Co., 21 N 20th
†Duke, Geo. W., 117 S 2d
†Elmore, R. E., & Co., 311 Henry
Farrar, Jno. E. C., 400 N 1st
†Fleet, Christopher W., 101 Mayo
Fox, Jas., & Sons, 207 Mayo
†Gibson, Geo, 205 E Canal
Gibson, Jno. T., 133 S Cherry
Goddin, J. Temple, 2225 E Clay
Hall, O. T., 2236 W Grace
†Heppert, Joseph, 908 W Clay
Holland, G. S., 513 Randolph
†Houston, A. C., 10 S 6th
†Hundley and J., 709 E Cary
†Hunt, Aubrey L., 901 Floyd av
†Hunt, Gilbert J., 901 Floyd av
†Jarvis, Geo. W., 108 W Cary
Jenkins, L. C., 509 W Broad
Johnson, Briggs & Pit, 819 E Main
Lacy, L. L., 310 N 1st
McDonough & Owen, Osborne tpk
McGee, Howard C., 112 N 2d
Mason, Chas. A., 20 S Short
Moore, Wm. H., 1321 Ross
†Neale, Urbane, 2206 E Broad
Netherland & Eubank, 2701 Cary
†Newell, G. F. & T. D., 200 N 21st
†Newell, Wm. B., 8 S Plum
†Nuckols, J. T., 101 Governor
Palmer, Wm. J., 12 N 20th
†Parsons, Geo. W., 413 E Canal
Pennock, J. E. & A. L., Am.-Nat'l Bank bldg
Priddy & Delaney, 196 Laurel
†Ragland & Carter, 723 E Main
Smith, Wm. H., 525 N Adams
Standard Bldg & Cons. Co., Ebel bldg
†Thomas, Jos. W., 208 N 5th
Wingfield, J. F., & Con, 313 W Marshall
RIDGEWAY—†Bouseman & Jones
RILEYVILLE—†Good, J. B. & R. L.
ROANES—†Proctor, T. J. & L. H.
ROANOKE—†Barbour, John F., Crystal Springs Ex
†Figgatt & Newton, 301 Centre av, N W
Grove, W. H., 348 Elm av, S W
†Keffer, C. D., 403 Highland av, S W
†Lewton & Kirkbride, 417 3d, S E
†Mahony, Elias, 508 Mountain av, S W
Markley, C., 8 Campbell av, S W
†Pollard, J. B., 116 10th, S W
†Shields, J. W., 422 Salem av, S W
†Shockey, Christopher C., 420 Campbell av, S W
ROCKVILLE—Cocke, B. K.
Cocke, C. S.
Snead, C. S.
ROCKYMOUNT—Barber, Jas. R.
Menefee, J. M.
Webb, H. T.
RODOPHIL—Gadsey, W. A.
Thompson, J. J.
Wright, J. S.
ROSELAND—†Johnson, R. W. & Son
ROUNDHILL—Herrell, C. H.
†Simpson, T. P. & Son
RUCKERSVILLE—Dickerson, Jas. E.
Payne, R. W.
RUMFORD—Terry Bros.
SALEM—Austin & Moore
Fisher & Co.
Haiship, Robert
Thomas, John M. & Co.
Wells, N.
SAMOS—Frank, P. L. & Bro.
SANGERVILLE—Allman, W. L.
Kiracofe, W. F.
Witts, B. F.
SHAWSVILLE—Good, J. T. & Son
SHENANDOAH—Henry, J. N.
†Lauderback & Strickler
Powell, E. J.
Printz, W. P.
SIMPSONS—Carr, Wm. O.
Eddins, D. R.
†Gray, B. & Bro.
Price, Wm. E.
SNICKERSVILLE—Alder, J. F.
Ashby, A. W.
Simpson, T. L.
SOUTH BOSTON—†Blandon & McKinney
†Crosby, H. W.
†Thomas, H. A.
†Traver, Jas.
SOUTH HILL—Mitchell & Batte
Taylor, John
Yates, C. N.
SPENCER—Frey, P. W.
McBride, Robert
Penn, John
SPRING VALLEY—Noblett, R. B. & I. L.
STANLEYTON—Aleshire, Isaac
Faltz, A. J.
Foltz, G. W.
Hutcheson, John A.
STAUNTON—†Bagley, B. T.
Coffman, Adam, 905 N Augusta
†Euting, G. E.
†Livick, A. J. & Bro., Church & Middlebrook
†Lushbaugh, A. J., Middlebrook & S Church
Peaco, G. W., Middlebrook av
†Shott, E. W., 1021 W Main
†Wilson, James M., 119 Greenville av
†Yeago, W. H. & Bro., 507 W Main
STEPHEN'S CITY—Beatty & Campbell
Guard, Charles
Williams, E.
STRATTON—Clay, John H.
Reedy, Peter
Reedy, Wm. R.
SUFFOLK—†Burwell, Riddick
Johnson, G. T.
Lawrence, J. B.
†Riddick, B.
Smith, Benjamin
Smith, George T.
Stallings, Abner
Tebo, W. S.
Walters, James
SUMMERDUCK—Curtis, G. W.
Jones, Elander C.
Jones, H. B.
Jones, J. W.
TABSCOTT—Glass, B. P.
Johnson, W. J.
TAYLORSTOWN—Lay, J. W.
Spring, J. W. & Son
TAZEWELL—†Barnett Bros.
†Hildreth, J. J. & Sons
†Millard & Hudson
Rader, W. E.
TECK—Fox, J. W.
Thomas, M. A.
Thomas, W. W.
TOWER HILL—Coleman, C. H.
Coleman, C. S.
Johnson, Washington
TREDWAY—Allen, A. C.
Willis, Watts & Bro.
UNION MILLS—†Cocke, W. R. & Bro.
UPPERVILLE—Carpenter, Alton W.
Carpenter, J. W.
URBANNA—Pitzhugh, John
Wagner, G. V. & Bro.
VENTER—Alexander, A. C.
Crow, R. W.
Tucker, O. A.
VIENNA—Dimsey, C. W.
Hollenback, A. W.
Pierson, F. W.
Wright, O. A.
WARMINSTER—†Merryman, W. B.
WARRENTON—Bragg, H. C.
Graham, J. M.
McIntosh, C. A.
Minter, R. T.
†Minter & Graham
Spillman, John R.
WARSAW—Berlin, W. R.
Delano, M. L.
Fones, W. H.
Garland, M. B.
Montgomery, M. F.
Webb, F. N.
Webb, John W.
Webb, R. E.
Webb, R. R.
WAYNESBORO—Brown & Blake
Lambert, J.
WEST APPOMATTOX—Blackwell, Cheatwood
Blackwell, G. P.
Durrum, W. A.
Gilliam, Jas.
Hancock, C. W.
Hancock, W. N.
WEST NORFOLK—†Eason, E. B. & Co.
Torbert, W. T. & W. L.
WEST POINT—Bray, J. V.
†Davis, C. W.
Davis, John B.
Edwards, J. J.
WHITEFORGE—†Haynes & Hash Co.
WHITMELL—Adams, O. A.
Adams, O. E.
Hill, J. F.
WICOMICO CHURCH—†Christopher, T. W. & Bro.
†Stegeman, Henry & Bro.
WILMINGTON—Wright, W. L.
Yancey, Charles
Yancey, S. D.
WINCHESTER—Affleck, J. W.
Dehl, H.
WOLFTOWN—†Dawson, D. S. & Bro.
WOODSTOCK—†Coffett & Coffman
Dingledine, J. W.
Dosh, W. L.
Feller, M. G.
Frevel & Feller
Hattel, B. J.
Holmes, B. F.
†Hottle & Doch
†Keller & Ruday
Smoot, Hamp.

WASHINGTON.

ANACORTES—Kriethrietz, Edward
Wilen, ———
ASOTIN—Caywood, W. W. & Son
Mitchell, M. B.
AUBURN—†Reed, J. T. & Co.
AVON—Flagg, A. E.
Flagg, A. M.
BALLARD—Campbell, Napoleon
McLacklan, C.
Way, G. F.
BAY VIEW—Doran, George
Durr & Morrow
BLAINE—Noddin, Thomas
Smith, M. O. B.
BRINNON—Holberg, August
Kinney, W. A.
Olsen, P.
BUCKLEY—Small, F.
CATHLAMET—Andrews, Willoughby
Fetro & Sons
Scarborough, Edward
CENTERVILLE—Ahola, A. J.
Martin, Frank
CENTRALIA—Barnum, T. K.
Gillock, Samuel
Newcomb, H. H.
Wilcox, W. A.
CHERRY VALLEY—Brewster, A. W.
McMahon, John
Pinkerton, A. D.
CHE-WE-LAH—Brown, J. L.
Lucas, D. F.
Van Slyke, M.
CLE ELUM—Spearth, Herman
Tillman & Harte
Walter, ———
COLBY—Newell & Linder
COLFAX—Baker & Kirkland
Beebe, W. W.
Crawford, D. B.
Crawford, O. L.
Good, I. R.
COLTON—Livingston, Frederick
Meas, Henry
Paradis, Peter
Story, George
COLVILLE—Allen, S. D.
Graham Bros.
Olson, Alfred
Witham, C. W.
Yeargin, Deveraux
COSMOPOLIS—Myers, O. A.
Winchester, Charles
COULEE CITY—East & Maple
Robinson, F. B.
COUPEVILLE—Hastie, W. A.
Hull, H. S.
Lovejoy, H. B.
CRESTON—Cary & Chitwood
Whary & Florence
DAYTON—Bishop, A. H.
Garner & Kribs
Jackson, W. L.
Kribs, Aaron
Kribs, P. W.
Moody, W. A.
DEEP RIVER—Olsen, L.
Swenson, Olaf

EAST SOUND—Donohue, W. S.
King, E. C.
ELLENSBURG—Alsop, Wm.
Craig, S. S.
Duncan, David
Nash, John
Parrot, J. F.
Perkins, J. A.
Zetsche, W. F.
ELMA—Hill, M. F.
Kinnaman, B.
Reynolds, Wm.
Watson, J. M.
EVERETT—Bodley & Barrett
Davis & Weken
FAIRFIELD—Hansen, A.
Kirkendall, M.
Service, A.
Service, J. T.
FIDALGO CITY—Jones & Falconer
FOREST—Dyven, O.
Maxwell, J.
FRIDAY HARBOR—Carter, C. L.
Dightman, G. W.
Farnsworth, J. L.
Rader, A. R.
Walker, T. J.
GARFIELD—Allison, J. F.
Giles, E. M.
Morrison, John
Routzahn, P.
GATE—Coleman, P.
Delaney, Wm.
Hart, F. F.
Kent, F. W.
Lauber, Fred
Lete, S. R.
Templeman, Wm.
GOLDENDALE—Duvall, C. M.
Jackson, H. C.
Spaulding, Howard
Young, H. D.
HARVEY—Childs, H. L.
Church, D.
Myers, L.
HATTON—Farman, E. E.
Goodenough, Wm.
HOOPER—Booth Bros.
Thomas, Wm.
HOQUIAM—†Boyd, Scott & Gonser
JOHNSON—Zuber & Maier
JUNIATA—Langdon, Porter
Low, T. H.
Sallee, James
JUNCTION—Smith, Charles
KALAMA—Woldridge & Co.
KELSO—Christensen, V.
Moon & Malone
KETTLE FALLS—Brook & Campbell
Durkee, M. E.
Dyer, S. J. & Co.
Farrell, J. C.
Nelson, C. H.
LA CENTRE—Crawford & Ennis
Fanner, B. F.
LATAH—Marker & Eades
Raymond, H. C.
LELAND—Edwards, H. G.
McLelland, W.
Munn, James
Zacherson, Albert
Zacherson, Bernard
LOWELL—Allison & Claggett
Reyburn, H.
Stevenson, L. D.
LYMAN—Tingley, Samuel
Wannah, Edward
LYNDEN—Callaway, James
Hawke, W. P.
Philo, Edwin
Yount, Frank
MAPLE VALLEY—Irr, Joseph
Keith, J.
Sidebotham, Henry
MEDICAL LAKE—Caldwell, C. S.
Larsen, C. W.
Rulaford, G. A.
Vaughn, John
MONTESANO—Carlisle, George
Hall, J. W.
Hall, Leroy
Watson, C. L.
Stephens, Harvey
MOUNT HOPE—Bankson, W. B.
Fisher, John
Fisher, Nelson
Smith, Waid
Smith, W. B.
MT. VERNON—Hammack, J. A.
Stackpole, F. H.
NORTH YAKIMA—Caseres, Alexander
Greene, C. A.
OAKESDALE—Bailor, N. C.
Busby, J. L. & Co.
Goodwin, W. H.
Johnson, Thomas
Law, G. W.
Raymond & Graham
Smith, D. N. & Co.
OCOSTA—Beals, D. T.
Matson, C. L.
Parr, G. H.
OLYMPIA—Lame, J. H.
Millard, H. I.
Roberts, J. W.
Roberts & Dent
Rogers, W. A.
Smith & Kerr
Weeks & Co.
Wolfe, G. H.
PALOUSE—Bassett, W. H.
Williams & Ettinger
PASCO—Wehmeyer Bros.
POMEROY—Cartwright, Frank
Cartwright, F. P.
Clary, Joseph
Odell, Alexander
Robinson, C. G.
PORT DISCOVERY—Libben, J. H.
Porter, F. E.
PULLMAN—Buckley, W.
Burns, Enos
Hunt, Nicholas
Schrader, Otis
PUYALLUP—Chandler, H. C.
Guinn, William T.
Lyman, Robert
McArthur, Alexander
Moore, J. R.
QUILCENE—Flickeinger & Hamilton
Lee, R. K.
Leitzinger, G. A.
RIDGEFIELD—Marson, C. C.
Shobert, W. H.
ROCHESTER—Anderson, W. D.
Martin, John
ROSALIA—Grant, O. C.
Long, Benjamin
ROY—Bonizer, J. L.
Nixon, George
SEATTLE—Austin, J. E., N. Y. blk
Ayers & Strickler, 828 Yesler way
†Beattie & Cannon, Arcade bldg
Briscoe, S. C., 109 26th av, N
†Brown, Bliss & Wilkin, Sullivan bldg
Dow, D., & Co., 560 1st av, S
Eckloff, Gustave, 1013 3d av
Eitel Bros., Boston blk
Frantz, J. J., 1013 Main
Gillespie & Son, 1135 21st av, S
Hall Bros., 519 18th av, N
Henningsen, R. M. & Co., A. W. Denny bldg
Horton, Elwood, 717 Pike
Howard, F. E., & Son, 924 17th av, S
Hutchins & Criddle, 408 W Galer
Lloyd, Thos. & Co., 113 5th av, S
McNabb Bros., N. Y. blk
Martin & Son, 616 Malden
Meyrath & Duhamel, N. Y. blk
Overton, Wm., & Son, 1521, 7th av, W
Reed, Reinecke & Reed, 109 Weller
Rounds & Driver, N. Y. blk
Ryckman, J. H., 976 20th av
Spurr, J. C. (Large), 3651 Whitman av
Taylor, E. A., 2017 Norman
Visser, Rice, 1126 17th av, N
Worten & Marten, 220 Spring
SEQUIN—Brooks, Samuel L.
Hanest, John
Hughs, L. J.
Klink, Henry
Marres, E. F.
SHELTON—Rex, Edward
Roff, S. M.
SNOHOMISH—Eddy, A. H.
White, J. S.
SOUTH BEND—Murdock & Stanley
SPANGLE—Green, H. W.
Warbes, George
SPOKANE—Atkins, S. P., 1010 2d av
Bell, A. E., 1515 10th av
†Bell, Frank, 1505 10th av
Benson, Eric E., 810 Indiana av
Buck, Jno., Merchants' Hotel
Butler, A. G., 226 Stevens
Creutzer, J. A., 911 Mallon av
†Fotheringham, D. B., Van Volkenberg bldg
Gates, Paul F., 514 2d av
Gibson, Robt. B. E., 824 Ermina av
†Hagay, A. E., 923 Augusta av
Hall, Sims W., 1129 3d av
Harrild & Sons, 316 Sprague av
Hastie & Dougan, 506½ Sprague av
Hoover & Greer, 618 Monroe
Howie, Jas. S., 109 Mill
Huetter, J. T. E., 429 Sharp av
Hughes, Peter, 2423 Latah
†Johnson, F. & Son, S Boone av
Jones, D. B., 701 Alice av
King, E. L., 922 York av
Land Impr't & Bldg Co., 1304 Dean av
Mahan, Thos. F., Post, opp C. & C. Mill
†McLean, R. D., O 1220 Madison
MacKenzie, Geo., 1203 10th av
†Miller & Johnson, 2307 Dean av
†Moar, T. A., 215 Mohawk blk
†Oliver, E. A., 2d av c Browne
Peterson, P. L., 2220 Bridge av
†Phair, Frederick E., 1723 Jefferson
†Pratt, H. A., E 1419 Marietta av
†Russell, Robt., 24 Cascade blk
†Smith, F. J. & Co., 713 Front av
†Sly & Quimby, 1228 1st av
†Steen, Peter
Vigors, Thos., 1702 Dean av
White, J. T., 1504 Dean av
STARBUCK—Davis, W. L.
Reynolds, M. L.
Stevens, D. A.
TILACOOM—Bradley, W. J.
Downey, R. M.
Hopkins, T. C.
Jacobson, Ole
Jacobson, S.
Stevenson, J. M.
Webster, William
Wells, W. D.
UMAS—Horton, J. G.
Melville, John
Moore & Douglass
Pethick & Spooney
White & Renicke
SUMNER—Baker, R. M.
Coombs, L. R.
Darr, J. R.
Tuel, G. W.
SUNSET—Woodward, S. D.
TACOMA—†Benjamin, Mr., 1514 South C
†Berens, Anton, 1334 Pacific av
Biehn, John, 1533 South E
†Black, A. S., 403 S 9th
†Bonnell, J. E. (Large), 932 Railroad
Bragonier, H. C., 611 S 16th
†Cantara, F. T., 909 S 21st
Cornell Bros., 702 South C
†Darling, J. E., 441 South E
†Davis, W. T., 1525 S Tacoma av
†Dickson, J. C., 1123 South E
†Duff, R. D., 1102 N K
Erickson, C. F., 721 S 11th
†Estes, J. H., 4809 N 39th
Evans, Geo. B.
Evans, J. J.
†Evans, W. M., 2615 S 14th
Flanagan, P. J., 2550 South J
†Frace, J. A., 902 A
†Frier, G. L., 3318 6th av
†Gartrell, Wm., 3124 N 9th
Hastie & Dougan, Bernice bldg
Hill, E. C., 1909 N Prospect
†Hitchcock, Solomon C., 1014 S 9th
†Holgerson, R. M., 2423 East L
Hopping, D. P., 3316 N 28th
†Johnson, J. N., 1320 Puyallup av
Knoell Bros., 1211 South L
†Larson, Olaf F., 644 N Fife
†Miller, Albert, 1125 S Tacoma av
Miller, Hard & Brill, 110 Commerce
†Oliver, James, 409 North L
Olsen, Peter, c East M & 25th
†Opperman, C. A., 207 E 30th
Rosman, G. L., 5134 South L
†Sayre, C. A., 1136 Commerce
Sinnock, Walter J., 322 6th av
†Sinnock, J. L., 751 South C
†Snyder, Frank, 107 South 9th
Snyder, W. Scott, 3307 S 7th
Steel, A. R., n E 27th & R
†Swanson, N. G., Parkland
UNIONTOWN—Bussman, Joseph
Kreke, A. T.
Schnettler, John
Struppler, Daniel
VANCE—Butler, J. P.
Davis, J. L.
VAUGHN—Bradley, Willis
Prater, G. W.
WHATCOM—Bartruff, D. E.
Banneister, W. J. & Co.
Booker, E. E.
Carlson & Eckland
Sutherland, A.
WAITSBURG—Brown, Alexander
Richardson, C. B.

WALDRON—Doucett, Peter
Gilliland, D. O.
Woodring, W. C.
WALLA WALLA—Butler, N. F.
Clark & Weisbeck
Crawford, J. C.
Jones, Abraham
Mangan, E. H.
Miller & Palmer
Palmer, H. A.
Parks, E. R.
Picard, John
WATERVILLE—Bishop, L. E.
Maltbie, A. L.
Phillips, S. W.
WILLAPA—Shay, Thomas
Stearns, S. D.

WEST VIRGINIA.

ACME—Colmer, S. J.
Travillian, A. J.
ADDISON—Givon, Forest
Watson, Brooks
ALDERSON—Bare, I. E.
Faulconer, L. T. D.
ALTON—†Bennett, P. H.
Wright, J. S.
ALVON—Lacy, J. E.
Scott, J. T.
AURORA—Abernathy, D.
Trotter, Milo
BAILEYSVILLE—Hatfield, George
Shannon, T. F.
BARBOURSVILLE—Baumgardner, C. A.
Blume, Ralph
Cyrus, J. E.
BARRACKVILLE—†Ice, W. B., Jr., & Co.
Neptune, George
BERKELEY SPRINGS—Hunter, J. W.
Young, W. H.
BETHANY—Martin, James
Wells, J. C.
BLUEFIELD—Foutz, W. S.
Hutchinson, J. L.
Shufflebarger, W. T.
BOREMAN—Hite Bros.
Stevens, H. L.
BOWLBY—Malote, D. C.
BRANDYWINE—Bodkin, S. H.
Hineley, T. A.
BRUCETON MILLS—†King, T. W.
BUCKEYE—Killingsworth, Wm.
BUCKHANNON—†Stews, Thos. J. & Co.
BUNKER HILL—Clendening, J. L.
Gardner, J.
BURCH—Maynard, W. M.
White, C.
BURNSVILLE—Campbell, A. & Son
CALHOUN—Fisher, S. W.
Sinsel, Port
CAMDEN—Grant, C. Z.
Hingman, B. B.
McNamar, David
CASSVILLE—Barrackman, Jacob
Berry, F. E.
†Whorton, J. J.
CHAP—Bailey, L.
Stephen, A. H.
CHARLESTON—Carlon, James
Ferrell, E. J.
Garcelon, J. W.
Hennemann, George
Rusk, M. M.
Smith, M. V.
†Withrow Lumber Co.
CHARLESTOWN—Anderson, G. F.
Beachley, E. E.
Beller, F. L.
†Grady, James
†Julius, C.
Higgs & Calderwood
Holmes, J. C.
CHARLOTTE—Bailey, John
Brewer, S. A.
Deets, A. G.
CISKO—Foutly, R.
Pribble, Hugh
CLARKSBURG—†Elliott & Wenchell
†Gladden & Alexander
Hickman, C. I.
†Howell & Osborn
McConnell, J. A.
COLLIERS—Robinson, E. N.
Stansbury & Knox
COX'S MILLS—Oldaker, Jehu
West, Lee
CRANY—Canterbury, G. S.
Gunnoe, J. A.
DALLAS—Burt, J. S.
Burt, R. F.
Hart, Amos
McAfee, D. V.
DAVISVILLE—Fought, W. O.
DAYTON—Dayton, G. W.
Dayton, W. R.
DEAN—Crist, A. C.
Moore, Mack
DEEP VALLEY—Moore, J. M.
Moore, Thos.
DEEP WATER—Mayes, R. P.
Thompson, P.
DEER LICK—Armstrong, Robert
Dunham, J. B.
Lewis, James
ELMIRA—Fulke, R.
Malahon, C. M.
Pastewait, A.
ENTERPRISE—Sturm, J. F. & Co.
EUGENE—Ferrell, E. S.
McAllister, R.
EUREKA—Hendershot, W. H.
Ridge, J. P.
FAIRMOUNT—Bennett, Mrs. P. H.
Bennett, Patrick
†Brady Construction Co., Inc. (Large Structures of all kinds)
Clayton, W. A. & Co.
†Dickerson Bros.
†Fleming, O. J.
†Hobb & Co.
Kelley, W. H.
FALLSMILL—Barrett, S. S. A.
FLAT FORK—Jones, W. E.
Westfall, W. H.
FLAT WOODS—McCoy, Lee
Myers, A. G.
FLEMINGTON—Greathouse, G. T.
Hyson, W. L.
Wyckoff, W. C.
FOLSOM—Ice, Patrick
Ice, William
FORT SEYBERT—Hinkel, D. A.
Miller, J. C.
FREEMAN—Byrd, J. B.
FREEPORT—Cain, H. H.
Collums, Wm.
Creel, J. A.
Gilmer, T. A.
FRISCO—Huffman, Squire
Knolls, Wm.
Musgrove, J. W.
FROST—†Hondyschell, A. H. B.
FUDGES CREEK—Beckell, H. L.
McCallister, W. G.
GAINES—Flint, A. S.
Lee, E. C.
Luick, David
GERRARDSTOWN—Bowers, A. J.
Crim, Charles
Rowland, J. W.
Weist, J. W.
GLOVER GAP—Murphy, J. R.
Sellers, A. C.
Yost, J. E.
GOOD HOPE—Chenovant, J. B. & Bros.
Prime, C.
Washburn, A.
GRAFTON—†Augur, O. S. & Co.
†Barrett, M. E.
GRANDVIEW—Carper, S. L.
Hunt, B. H.
Smith, H. A.
GREEN BANK—Brown & Patterson
Cooper, C. C.
GROVE—Adams, Joshua
Divers, G. W.
HACKERS VALLEY—Pugh, R. E.
Ubark, E. H.
HALLTOWN—†Ott & Merritt
HAMLIN—Rust, John
Wilkinson, J. F.
HARPER'S FERRY—Daily, Joseph
Nicholas, Daniel
Ott & Merritt
HAZELGREEN—Davis, A. C.
Summers, S. M.
HENDRICKS—Collett, J. R.
Roy, Mordecai
HUGO—Comstock, H. N.
HUNTINGTON—Creekbaum, J. T., 1554 3d av
†Hill, A. B.
Shore, R., 913 4th av
IUKA—Schriver, J. H.
Wise, E.
JARRETT—Benjamin & Darlington
Lowe, M. H.
JARVISVILLE—Cottrill, Geo.
Norman, S.
JOE BRANCH—Goode, Milton
Mullins, C.
JOSEPH'S MILLS—Tallman, L. A.
Tallman, M. H.
KENOVA—Boring, T. A.
Hood, John
KESLER'S CROSSLANES—Fitzwater, B. C.
Skaggs, James
Summers, W. E.
KINCAID—Foster Bros.
KINGWOOD—†Gladden & Offner
Warchnell & Hagans
KIRT—Phillips, Elmore
Phillips, Rezin
LAUREL—Adams, Thomas
Blaney, Geo.
Darnell, Wm.
Donaldson, C. E.
LEAD MINE—Formsler, R. M.
Shaffer, G. C.
LIMESTONE—Griffith, Wiley
Whetzel, Martin
LINDSIDE—Fleshman, A. J.
Fleshman, W. H. H.
LITTLESBURG—Carr, J. E.
Tanner, George
LOBELIA—Hill, J. O.
Kinniron, J. C.
MacCarthy, C.
LORENTZ—Allman, A. J.
Allman, Nathan
Bauserman, Joseph
Woodley, G. L.
LUBECK—Dearing, W. M.
Monk, J.
LYDIA—Arnold, Wm.
M'MECHEN—McDonald, W. P.
McMechen, J. L.
MANNINGTON—Dancer, W. S.
Hamilton, J. A.
Hickman, W. R.
†Montgomery Co.
Morgan, T. V.
†Pittman & Morgan
Shanks, M. L.
Taggart, L. S.
Yost, N. M.
MARION—Garrett, I. M.
MARLINGTON—Johnson, Ewing
†King, E. D. & Co.
†Yeager, C. H.
MARTINSBURG—Buxton, G. W.
Couchman, G. H.
Tebo, W. E.
†Westenhauer, S. A. (Large)
MASON—Bader, Rudolph
†Yonker, S. W.
MIDDLEWAY—Baringer, Frank
Brinning, A. W.
Fowler, S. H.
Grantham, J. S.
Homer, C. D.
Roberts, B. C.
MONONGAH—†Bennett & Talbott
MORGAN'S GLADE—Livengood, Elijah
MORGANTOWN—†Darrah & Tucker
†Husten & Demain
Morgantown Planing Mill Co.
†Sheets, W. I.
Wharton, J. J.
MORLEY—Atwood, S. R.
MOUNDSVILLE—†Batson, Baldwin & Estel
NEWBURG—Laysdon, John
†Richter & Longston
NEW CUMBERLAND—†Bradley, James
NEW HAVEN—Baumgarner, Seth
Roush, David
NEW MARTINSVILLE—Bucher, F. C.
Bushon, G. B.
Chapline, J. P.
Harvey, F. C.
Hill, J. J.
Koontz Bros. & Phillips
Larmour, H. C.
McCam, Moses
NEWVILLE—Lewis, O. R.
NICKLOW—Annon, S. M.
Robinson, T. B.
ORLEANS CROSS ROADS—Clingman, Harrison
McDonald, John
OVERHILL—Hearner, G. T.
Kiddy, J. I.
OXFORD—Pritcher, Geo.
Pritcher, M. R.
PALATINE—Means, J. C.
Richardson, G. H.
Wilson, F. A.
PARADISE—Linkart, Peter
Long, W. E.
PARKERSBURG—†Black, T. A.
†Carfer, John M., 648 D 8th
†Davidson, S., 119 W 13th
†Elliott, W. S., 121 13th
†Higgs, J. S., 910 Ann

†Miller, Thos. J., 809 Swann
†Taylor, Z. T., 1808 St. Mary's av
PARSONS—Crogan, Samuel
Elbon, Geo.
Ryan, G. W.
PAW PAW—Foreman, B. F.
King, G. W.
PEERYVILLE—Bean, Jesse
Cyphers, J. S.
PENTRESS—Chaplin, A. G.
Lemley, Titus
PIEDMONT—†Fredlock, E. J.
Knight & Klink
Squires, B. M. & Bro.
POINT PLEASANT—Neighbors & Wilson
PRINCETON—Barger, D. A.
†Johnson & Foutz
PUGH—Johnson, J. N.
Pugh, E. E.
PULLMAN—Hall, W. E.
Mason, Frank
RAVEN'S EYE—Arnick, F. M.
Ellis, R.
RAVENSWOOD—Fleming, W. S.
Grant, E. W.
RED CREEK—Bonner, M. V.
Rains, J. R.
REEDY—Goff, Charles
Statler, Isaac
Zarnt, E. A.
REEDY RIPPLE—Meed, J. H.
Meed, W. O.
Reese, Lester
RIVESVILLE—Dickens & Kidwell
Hess, J. A.
ROCK CAVE—Brown, Eugene
Elmer, E. M.
Kincaid, C. E.
ROCKPORT—Dye, I. E.
Moore, W. W.
ROMINE'S MILLS—Bise & Douglass
Blair, G. C.
ROMNEY—Shelly & Wirgman
RONCEVERTE—Brachman & Monroe
ROSBY'S ROCK—Markey Bros.
ROSS—Fluharty, J. K.
Wiley, J. C.
ROUND KNOB—Allender, G. W.
Allender, R. & Sons
RUDDLE—Hammer, A. M.
Hedrick, D. W.
Homan, F. D.
RYMER—Hawkins, W. C.
Saterfield, Floyd
ST. ALBANS—Blaker, James
Crawford, Henry
Crawford, James
SALEM—Anderson, Clay
†Davis, M. W.
SALT LICK BRIDGE—Morris & Heater
SARDIS—Landis, A. P.
Swigar, Solomon
SCHILLING—McKown, E.
Starkey, E. A.
Wagner, C. J.
Williamson, Leroy
SHEPHERDSTOWN—Brotherton, Leander
Butler, J. P.
Humrickhouse, S. P. Jr.
Maddox, Byron
Staley, W. M.
SHINNSTON—Richardson, Ferd.
Short & Whiteman
SIMPSON—Bartlett, B. F.
Phillips, W. J.
TOOLEY—Johnson, Paris
Mills, F. C.
TOPHET—Eskew, J. L.
Pennington, J. W.
TRIADELPHIA—†Kidd, Wm.
TUNNELTON—Conley, B. F.
Cool, J. H.
UNGER'S STORE—Dehaven, Chas.
Unger, J. W.
UNION RIDGE—Miller, W. B.
Riggs, J. W.
Hollister, Walter
UPPER TRACK—Keister & Simmons
Painter, T. J.
VADIS—Davis, J. S.
Davis, J. T.
Lang, A. W.
VALLEY BEND—McElwee, F.
Quick, W. H.
WASP—Davis, T. C.
Hanes, L. C.
WAVERLY—Martin, John
Triplett, John
WELLSBURGH—Davies, J. G. W.
†McNally, John
WEST LIBERTY—Shoils, J. P. & Bros.
WEST MILFORD—Dawson, Silas
Hefner, H.
WESTON—†Arnold, Albert A.
†Fuccey, Joe
†Hale, P. M.
WHEELING—†Beltz, J. W. & Sons, 19th c Eoff
Fahey Bros., 42d and McColloch
†Fisher, August, 35 44th
†Freise, Wm. & Son, 138 15th
†Geisey, John L., 149 15th
†Halleck, S. G. & Co. (gen'l), City Blk bldg
†Hamilton Bros., Peabody bldg
Hamm, Edw., Fulton st
†Harttong, Louis C. & Son, 80 N. Front
†Hawkins, G., A-11 N Huron
†Holliday, E. M. & Co., 31st & Eoff
Klieves-Kraft Co., Eoff n 22d
†McCarty, Chas. D., 30 14th
†Morris, Jacob, 48 17th
Murray Bros., 1209 Eoff
†Redman, B. E., 1317 McColloch
†Ritz, John A., 1107 Lind
†Wilson, W. A. & Son, 1215 Main
†Woods, W. W. Co., 33d & Chapline
WHITE DAY—DeVault, W. G.
Holland, J. M.
WHITE SULPHUR SPRINGS—Brackwan, R.H.
WILEYVILLE—Dakan, John & Sons
WILLIAMSTOWN—†Dowling, C. N. (Large)
WILLOWTON—Smith, J. M., Jr.
Stafford, Dock
WINFIELD—Baumgardner, S.
Harmon, T. H.

WISCONSIN.

ABRAMS—Bassett, Charles
Partlow, Hollie
ADAMS CENTRE—Iverson, H. A.
Warren, N. E.
ALBANY—†Caradine, W. H.
Minart, G. G.
ALBION—Burdick, A. C.
Burdick, Samuel
Spencer, John
ALDEN—Knudsen, F.
ALLEN'S GROVE—Cary, E. M.
McKinney, A. E.
ALMA—Stohr, J. L.
Walser Bros.
ALMA CENTRE—Benedict, C. C.
Owens, L. M.
Reesman, Philip
ALTOONA—Ericson, Charles
Larson, Martin
AMHERST—Nelson, Louis
Turkleson, Gunder
ANTIGO—Challoner, A. M.
Dallmann, Albert
APPLETON—†Ashman, Geo. H., 544 Cherry
Burnmaster, Wm., 784 Spring
Meagher, Edward
†Brown, Henry & Wm.
Demmick, J. J., 2d av
†Grearson, Geo. A.
†Green, J. H., & Sons (Large)
†Hoffman, Henry, 660 Bennett
Jens & Timm, 892 Winnebago
†Lange, Chas.
O'Keefe & Orbison (Mills, etc)
Packard, W. H., 920 Oneida
†Pride, Chas. B. (Large)
†Schmitz & Nutting
†Schneider & Van Stratum, 730 Johnson
†Sherry, Jas. (Large), 743 Bates
†Stoesser, John, 903 High
†Wettengel, Anton, 545 Cherry
Zschaechner & Klein, 626 Story
ARCADIA—Foulds, John
Klug, Herman
Penny, J. R.
Putnam, Seth
Schaffer, Anton
ARENA—Gunderson, Ole
Hamilton, Robt.
Porter, Edward
Price, W. N.
Yorker, Henry
ARKANSAW—Cross, Wm.
ASHIPPUN—Krusback, Hy
Moldenhauer, Allen
Tesch, Theo
Vandusen, Wm.
ASHLAND—†Eagan, Daniel
†Foster, J. H. & Son (Large)
†Harper, B. W.
†Oakley, A. H.
Paulson, Jno. A.
†Pugh, T. E.
†Scott & Taylor (Large)
ASHTON—Adler, Michael
Zennet, Joseph
AUGUST—Ervin, E.
Kyle, H. H.
Miles, A. S.
Russell, M. M.
Strader, Albert
AVALANCHE—Christopherson, H.
Silbaugh, Granville
AVOCA—Larson, L.
Reuter, Fred
AZTALAN—Gardner, Asa
Hathaway, Ala
Jaycox, H.
BANGOR—Vaughan, E. W.
Vaughan, J. J.
BARABOO—Graff, Henry
†Isenberg, Carl
†McFarland Bros.
Ott, Jacob
Vanderveer, J. N.
BARNEVELD—Cunneen, Michael
Kendrick, Richard
Roberts, John
BASSWOOD—Johnson, G.
Johnson, Lewis
BAYFIELD—Paulissen, Theo.
Smith & Quagle
BEAVER DAM—Beers, Geo.
Bracken & Greiner
Hensler, Conrad
†Herr, John
BELDENVILLE—Davis, Shubel
BELLEVILLE—†Story & Reiley
BELMONT—Hemphill, J. J.
Simmons, Wm.
Wickman, E.
Wright, Charles
BELOIT—Bassett, D. F.
Cliff, Jno.
†Cunningham, B. W.
†Cunningham Bros. (Large)
Dearhammer, A. L.
Keeley, John
Quinn, W. H.
†Schneiberg Bros.
†Stevens, W. E.
Vorhees, J. J.
BENTON—Davison, John
Temple, Joseph
BERLIN—Bice, Asher
Ceman, Julius & Bro.
Rogers, Asa
Warnke, Charles
BINGHAMTON—Lillge, Carl
Sippler, Jacob
BLACK RIVER FALLS—Bowman, John
Crosby, J. P.
†Hall, H. J.
†McGillivray, J. J.
Snowdon, R. P.
Porter, Ross
BLANCHARDVILLE—Johnson, Thomas
Porter, Ross
BLUE MOUNDS—†Thompson & Mickelson
BOHRI—Baertsch, George
Bohri, C. E.
BONDUEL—Westfall, John
Zernicke, Fred
BOSCOBEL—Brookins, Eugene
Schnievler, Anton
Shipley & Shipley
BRANDON—†Henske, Fred & Son (also Lumber)
†Knapp, Brown & Co. (also Lumber)
†Paine, Geo. H.
BRILLION—Brillion Lumber & Mfg. Co.
Klenke, Wm.
BRISTOL—Dixon, Jos
Perrigo, William
BRODHEAD—Adams, Jay
Mack & Rolf
BROOKSIDE—Pareton, Henry
Tuttle, S.
BURLINGTON—†Graham, C. L.
Rewald, Hy.
Rothering & Sons
Vandersant & Salsbury
Voorhees & Diener
CALUMET HARBOR—Kalt, Anton
Schussman Bros.
Stephany, Joseph
CALUMETVILLE—Schussman Bros.
CAMBRIDGE—England, P. A.
Glimme, Ammona
Johnson, J. T.
Johnson, Tyge
Larson, L. C.
Stewart, C. L.
CAMPBELLSPORT—Ketter, John
Schlafer, Joseph
CAMP DOUGLASS—†Schroder, G. S. A.
CANTON—Kelbaugh, A.
Lock, John
Sill, Edward

CARNOT—Anderson, G. J.
Oleson, Halvor
Slyverson, Thomas
CEDARBURG—Ernest, Frank
Kaliebe, John
Liesenberg, Fred.
Wendt, Fred.
CEDAR GROVE—Brummels, Wm.
De Mez, S., Sr.
†Meengs, D. J.
CENTER—Fisher, John
Lowery, David
CENTRALIA—Demerve, Joseph
Dustin, A. H.
Lemley, C. D.
†Martin, Wm.
CHASEBURG—Limoseth, Ole & Sons
CHILTON—Berens, Theodore
Hall, Philip
Michels, John
Owens, William
Roecker, Theodore
CHIMNEY ROCK—Jacobson, Jacob
Matson, Bent
CHIPPEWA FALLS—†Allen, H. F.
Coleman & Gormley
†Hanson Bros.
Pearson, Wm.
South Side Mfg Co
†Stanley, F. G. & C. A.
CLEAR LAKE—De Witt, J. C.
CLINTON—Eldridge, George
Hinman, Charles
CLINTONVILLE—Carter, A. N.
Der Mott, E. L.
Kickhover, H.
Kort, Richard
Kroll, H.
Poppendorff, H. C.
COLUMBUS—Hackett, Chas.
Hauneman, A. J.
Loomis, Milford
Van Akan, R. D.
COMMONWEALTH—Lundwell, Andrew
COMSTOCK—Cadwell, James
Jorgenson, Andrew
CUBA—Fusch, H.
Walsh, John
CUMBERLAND—Becker, Adam
Kelby, Lafayette
CURTISS—Dorlhberg, John
Hanson, J. M.
DALE—Grossman, Arg.
Hener, W. H.
DANE—Clemens Bros.
DARIEN—Owens, J. H.
Waite, I. N.
Wright, Lucius
DARLINGTON—Keyes, J. E.
Mann, H. L.
Nash, H. C.
Van Hook & Davis
DEERFIELD—Anderson, G.
Vick, Osmond
DELL—Collins, Joseph
DE PERE—Goemans, John
†Huffman & Brockman
†Piske, Frank
Van Gament & Fraheker
DODGEVILLE—Arthur, T. H.
†Hendrickson & Kramer
James, T. E.
McKinley Bros
Prideaux, J. H.
Sherman, Nicholas
Sims, Thomas
DORCHESTER—Conrad, Frank
Schmidt, A. F.
DOTYVILLE—Baldaaf, M.
Busse, Philip
DOUSMAN—Martin, Frank
Martin, John
DOWNSVILLE—Varner, R. C.
†Shaffer, W.
DURAND—Balch, Frank
Bruenn, Hy.
Gazely, Joseph
Gerber, George
Griffin, William
Latchaw, J. B.
Seeley, William
Stafford, J. J.
EAST BRISTOL—Hillenbrand, Ernest
Stelgerwalk, Frank
EAST DELAVAN—Ball & Son
Bradt, W L.
†Hatch, O. L.
EAST FARMINGTON—Peters, Charles
EAST TROY—†Lumsden, Alva
EAU CLAIRE—Arnold, L. L. & Co.
†Fish, E. M., & Co. (Large)
†Hoeppner, Bartlett & Co. (Large)
Lange, Robt. A.
Meyers & Potter
EDGERTON—Hargraves & Phifer
Price, George
Price, W. H.
ELKHORN—Bauerman, J., Jr.
Jordan, Jas.
Latham, E. M.
Latham, Le Grande
Lowery, Daniel
Smith, H. J.
Stanford, De Witt
Waterbury, A. F.
ELLISON BAY—Beyer, Carl
Strandell, Andrew
ELLSWORTH—Close, Sol.
Muggah, Albert
Stafford, C. M.
Wood, C. B.
ELMORE—Litscher, Chris
ELROY—Holden, Frank
Masters, J. W.
Towne, E. S.
EL SALEM—Hubert, F. A.
Hubert, Peter
Warman, E.
EMBARRASS—Allen, Frank
Fritz, Chris.
EMERALD—Jordan, W.
Lowrie, William
EPHRAIM—Hagenson, F.
Onesen, ——
ESTELLA—Hibbard, S. T.
Norbert, Daniel
Young, Joseph
ETTRICK—Folkendahl, Ed.
Ronstrand, K. E.
EUREKA—Daggett, S. S.
Stanton, J.
Tryon, W.
Whitehead, J.
EVANSVILLE—Hoxie, B. S.
Joslin, J. A.
Lobbey, William
Winston, J. H.
FAIRCHILD—Biddlecome, G. M.
Cole, Vinton
Rice, M. J.
FALL CREEK—Haeske, Gustav
Polinske, Gustav
Schwartz, Rudolph
FALL RIVER—Baxandall, W. C.
Miller, George
FARMHILL—Roth, Louis
Weix, S. E.
FENNIMORE—Curtis, John
Earl, William
Hayes, Lafayette
Rucht, Henry
FLAMBEAU—Bulley, A.
Parron, Gus
Prasso, F.
FLORENCE—Otterson, W. P.
Van Matter, J. C.
FOND DU LAC—†Barret, Jas. J.
†Collins, A. F., 102 E 3d
†Dreis, M.
†Fleck, George H.
†Hinckley & Powers
†Hutter, Joseph
†Ley, Julius, 722 Main
†O'Connell, Thos.
†Pendell, H. H., 15 Union
†Raven, R. C., 43 5th
Stoddard, Robert
†Tripp, J. B.
†Werner, P., 126 Armory
FONTANA—Beebe, J. D.
Blackford, J. M.
FOOTVILLE—Becker, H. D.
Canary, William
Langdon, John
Owen, W. J.
FORESTVILLE—Meyers, Jos.
Miller, August
FT. ATKINSON—Alling, H. L.
Eals George
Harder, Guito
Mussale, Henry
Rockwell, Adelbert
Root, Whitney
Urban, John
Wynam, William
FT. HOWARD—Garloch, B. F.
Hansen, Nels
Jones, Gustav
Knudson, Knud
Onesen, O. P.
Tibbits, B. F.
Zapfe, Emil
FOUNTAIN CITY—Clausen, Herman
†Roettiger, H. & F.
Schwark & Clausen
FOX LAKE—Clement, Stephen
Messerby, Levi
FRANKSVILLE—Johnson, Chris
Owen, E. W.
FREDONIA—Janke, Gus
Rudolph, T. E.
Rudolph, Herman
FREIDSTADT—Geirach, F., Jr.
Ramthun, Henry
Wendl, Samuel
FULTON—Bentley & Schofield
White, S. L.
GALESVILLE—Killmer, John
Schorrack, John
Shrake, F. T.
Tibbetts, Arthur
GENOA JUNCTION—Becker, J. O.
Dietrich, Charles
Miller, Edward
GIBBSVILLE—De Ruscher, Peter
†Ross, John
GLENBEULAH—Barber, Milford
Rockwell, J. T.
Syron, E. K.
GLENDALE—Richardson, Charles
Street, W. I.
GLIDDEN—Leonard, Fred
McAskill, William
Sell, George
GRAND RAPIDS—Martin, John
Planke, J. F.
Turnbull, Andrew
GRATIOT—Berner, F. G.
Blubach, Edward
GREEN BAY—Beernsten, William
†Delaney, Jas. K. (Large)
Garlock, Benj F., Dousman c Oakland av
†Geniesse, J. H., 820 S Jackson
†Georgensen, G., 418 N Maple
†Green, Adolph (Large)
†Hanson, N. (Large)
Hay, John, 310 S Quincy
Johnson, M., 1019 Harvey
†Knudson, K., 317 Maple av
Meister, Christ., 1150 Cherry
Nitz, Gustave, 315 S Webster av
Oneson, Berent, 815 Christiania
Pickett, Wm., 141 S 12th
Roy, Thos., 812 S Van Buren
Servatte, E. W. & J. H., 1034 Walnut
Tickler, Albert, 939 S Quincy
Van Der Steen, Henry, 1164 Cherry
Warwick, Jas., 1330 Chicago
Whitcomb, Walter S., 803 Crooks
GROVER—Strong, Lot
Thompson Bros.
HAMMOND—Bishop, W. R.
Conrad, Fred
Riley, Patterson
Wachendorf, John
Wheeler, J. S.
HARTFORD—†Aschmacker, Jos.
†Buckreus, J. A.
†Dietzler, Henry
†Scherger & Etzel
HARTLAND—†Hansen, C. B. & Co.
HAYWARD—Blair, Frank
†Gillis, Daniel
Goulette, John
Marquette, W. H.
Martinson, Charles
Mockler, P. B.
HERSEY—†Eckstrom, John
†Westerdahl, Peter
HIGHLAND—Kaiser, Joseph
†Klingle, John
HILLSBORO—Cole, George
Greeley, A. J.
Mason, A. C.
Mason, E. E.
Meyers, F. W.
Miller, Louis
HOLLAND—Brochtrup, Henry
Dugen, John
Wetering, Van de
HOLMEN—Daily, H. H.
Gilbertson, John
HONEY CREEK—†Kyburg, Fred.
HORICON—Firehammer, Chas., & Sons Co.
HUDSON—†Kircher, Peter
Lee, J. A.
Wisconsin Lumber & Building Co.
HURLEY—Rinke, Julius
Ruppe, C. F.
HURTISFORD—Mertens, F.
Seifert, Ludwig
INDEPENDENCE—Cilley, Charles
Wickham, Wilber
IRONTON—Benson, Charles
Gray, L. G.
Kinnemon, Fred
Thornton, R. L.

JANESVILLE—Barriage, G., 6½ N Bluff
Blair, Wm., 206 E Milwaukee
Brundage, W. H., 54 S River
Carpenter, C. H., 19 Milton av
Cole, Nelson, 102 E Milwaukee
Colling & Wray, 13 N Franklin
Curtis, C. E., 209 S High
Denning, J. J., 205 Cherry
Garbutt, H., 208 Ravine
Hurd, F., 106 Wall
Knox & Hazen, Race st
†Knudson, John, 57 Franklin
Roherty, M., 54 Chestnut
Siewert, A. E., 207 Prairie av
Stewart, D., 52 Lincoln
Summers, Alfred, r P O
Van Pool, E. E., 4 Oakland av
Wright, J. P., 106 N Main
JEFFERSON—Christ, G. B.
Frosch, C. J.
Krusing & Welter
Ladine, Herman
Lindl, Geo.
Neipert, John
Stengel, Erhard
Wollet, John
JOHNSTOWN CENTRE—Briggs, D. W.
Chandler, G. F. H.
KANKAUNA—†Fleck, G. H.
Luckow, Albert S. K.
Lummerding, Jacob
†Schuh, Hy., Jr.
KENDALL—Lillie, Wm.
Shankee, C.
KENOSHA—†Belding, John
†Holckmess & White
Lindeman & Galles
Meyers, T. C.
Pfau, K.
†Rowe, W. M.
Winford, August
KEWASKUM—Bassel, Martin
Kudick, Wendel
Mueller, Jos.
Retzloff, Wm.
KEWAUNEE—Borgman, J. M.
Hamacheck, Frank
KIEL—†Neuman, Aug.
KILBOURN—Bennett, A. I.
Rork, A. R.
Whitney, H. M.
KNAPP—Bowles, J. W.
Burger, A. S.
Caryl, E. N.
Cole, O. F.
Newman, G. W.
KOEPENICK—Calkins, Chas.
Clark, Chas.
KOHLSVILLE—Gutyar, Geo.
Illian, Philip
Wernhardt, Jacob
LA CROSSE—†Bacheller, 11 N 3d
Barney, T. J., 911 Cameron av
†Bartz, Chas. A., 138 S 10th
†Construction Co., 1334 Ferry
Lovejoy, H., Rose nr Car
†Miller, George B., 215 Rose
†Miller, John A., 320 Main
†Mitchell, A. H., 314 West av, N
Molzahn & Lyons, 2352 State & 1322 Adams
†Nelson, Peter, 1522 Kane
†Schwalbe, Frank R., 1524 Madison
†Stormont, James, 1426 Ferry
Wallace, Jas. E., 1117 Division
Witt, Herman, 1135 S 14th
LAKE BEULAH—Hammond & Kyberg
LAKE GENEVA—Conroy, James
Forrest, Samuel
Hand, I.
La Salle, C. O.
Soutar, R.
LAKE MILLE—†Henningson, P. C.
Hunzicker, John
Oehler, C. A.
Wood, W. T.
LAMARTINE—Devor Bros.
LANCASTER—Bracker, F. A.
†Brooker Bros. (& planing mill)
Buesse, George
Clark, John
Hughes, J. O.
Mahan, James
Muesse & Hughes
Muesse & Patch
Price, Daniel
LANEY—Barth, Felix
Gagala, John
Kropp, Fred
LA VALLE—Pound, Albert
Sanborn, John
LEADMINE—Hoffman Bros.
LEEDS—Haupt, William
Sauer, John
LEWISTON—Anderson, Jens
LIME RIDGE—Blackman, ———
Talbot, ———
LIND—Jacobson, Christian
Kendal, Myron
LITTLE CHUTE—Mollen, John
Lieshour, A. Van
Lieshour, William
LOCHIEL—Engh, L. A.
Chandler, F. W.
LODI—Fowler, Edw.
Merrick, S. W.
Sodders, Ira
Tirrill, Dewitt
Tirrill, Frank
LOGANSVILLE—Luhrsen, Henry, Jr.
Shacke, A.
LONDON—Leland, T. S. & O. S.
Lewis, Fred
LOUIS CORNERS—Landna, Thomas
Maurer, Frank
LYNDON STATION—Bowman, D. V.
Wise, Anthony
LYNXVILLE—Day, W. E.
Gifford, H. M.
M'DILL—Beltz, Walter
Dickirman, Jesse
Morton, Henry
MADISON—†Dean, Jos., 11 S Bassett
†Frederickson, A. D. & V. J.
Hanson, Fred, 26 N Baldwin
Luetcher, Jacob J., 807 E Johnson
†Silbernagle, J. J., 407 W Main
†Starck Mfg. Co., 436 W Wash'n av
†Swenson, J. Albert, 523 E Main
Tyrrell, Jos., 444½ W Gilman
Vetter, John G., 612 University av
Vogel, George, 917 Williamson
MANAWA—Colien, A. H.
Hageman, A. C.
Jackson, F.
Mundinger, F.
Van Orumm, C. V. J.
MANCHESTER—Babcock, V. E.
Schwandt, F.
MANITOWAC—Aslackson, Alavius
Brachmann, John N.
Handl, Albert
†Herman, B.
Herman, Oswald
†Kennedy, George W.
Lewenhagen & Brachman
MARATHON—Duerstin, Michael
Eisenmann, P.
Frauba, Chas.
MARINETTE—†Anderson, Arnt, 215 Hosmer
Briggs, B. M., 1311 Main
Ceder, E. M., 318 Leonard
Collins, B. F., 1443 Mary
Craig, E. F., 50 Harvey ct
Creamer, Joshua, 711 Currie
Crego, M. K., 1357 Armstrong
†Crockett, John, 1638 Ludington
Day, A. B. C., 1911 Hall av
De Mers, Jos., 2022 Thomas
Duket, Alexander, 711 Currie
Greenwood, David, 833 Marinette av
†Hanson, James, 1037 Spruce
La Blanc, Joseph, 1517 Pierce av
†Lahaie, Ferdinand, 1859 Wisconsin
Lawson, J. W., 68 Ogden
Lear, V. C., 1201 Hosmer
Le Boeuf, L., 1235 Marinette av
†Lohff, Herman, 1812 Liberty
Matt, Philip, 712 Elizabeth
Nelsen, A. P., 719 Menekaune av
Nicholo, James, 1125 Pierce av
Olson, K. J., 211 Hosmer
Reifschlager, Charles, 1211 Main
Robinson, W. H., 1622 Carney av
Simpson, Wm., 1818 Thomas
Stratton, John, 1207 Pierce av
†Utke, J. E., 2622 Gram
†Wilson, Peter, 2012 Thomas
Zentner, John, 1440 Parnell
MARION—Brown, W. J.
Buelter, Ferd.
Grosshopf, Fred.
May, W. L.
MARSHFIELD—†Bille Hans
†Wright, Thos.
MAUSTON—Buglass, D. C.
Pierce, W. D.
Sykes, Sydney
Warn, Wilbur
MAYFIELD—Martin, Philip
Wolf, John
MAZO MANIE—Hazeltine & Sutcliffe
Rolston, Wm.
MEDFORD—†Doyle, Peter
MELROSE—Beach, Mark
Button, E. M.
MENASHA—Daniels & Schiffer
Nodling, Hy.
†Oberweisler, Jno. & Son
†Wadke, C. H.
MENOMONIE—Bunker, O. A.
Bunker, S. A.
†Govin, Stephen
†Hugdohl, Nels
†Martinson, Otto
Pease, F. E.
†Prim, Wm.
Quilling, Gustav
†Scott, Fred'k
MEQUON—Barth, Nicholas
Henn, Frank
Luedtke, Max.
Staats, Adam
MERRILL—Clifton, James, 801 Cedar
Coombs, H. V., Pier c 8th
De Vail, T., 11 Centre av
Duteau, John & George, 208 Cottage
†English Construction Co
Heckmann, Herman, 800 Cotter
Hartmann, F., 209 Stuyvesant
†Hestermann, Fred
†House & Nelson, 1815 Main
Kaiser, W. H., 1603 E 1st
Koch, Theo., 407 E 3d
Nelson, W. H. (Large), 1100 E Main
Nevermann, W. F., 503 Centre
†Rehfeld & Hesterman (Large)
Schnick, Edw., 701 6th st
Smith, Anson, 308 Park
Whitcomb, R. A., 410 8th
MERILLAN—Bone, Julius
Sprague, O. L.
MERTON—Hanson, Christ
Leahmann, Wm.
Roesch, John
Turner, Hy.
MIDDLETON—Flemming, Thos.
Haberland, Hy.
Lapley, John
Luebke, Hy.
MILLHOME—Dexheimmer, Herman
Lanx, David
Menne, Henry
MILTON—Davidson, J. E.
Fross, W. H.
Orcutt, L. C.
MILTON JUNCTION—Ainsley, M. M.
Frink, Erford
Holmes, Chas.
Kelley, Israel
MILWAUKEE—Abrendt & Noro, 322 Ogden av
Angrove & Pierce, 613 Cherry
Armstrong, Jas., 401 S Pierce
Arndt, Albert, 599 21st
Arndt, Chas., 828 20th
Baltes, A. & Son, 108 Lincoln av
Barnett & Record Co.
Bartelt, Wm., 684 Grove
Beem, William, 311 Washn
Biemann, Otto, 1303 Richards
†Blaesser, William, 1274 2d
Boedecker, Christian, 830 4th
Booth, Harry, 177 Cass
Booth, Jno., 109 25th
Born, Otto, & Co., 1137 6th
Buchholz, Robert W., 728 13th
†Buestrin, H. & Sons, 565 E Water
Burkardt, Jno., 748 20th
Burmeister, A. F., 596 American av
Busacker, August, 890 22d
Butzke, Aug., 124 Locust
Cahlamer, Wm. E., 1474 11th
Christensen, N. C., 939 Island av
†Clas, L. A., 564 Marryland av
Clouse, Chas., 379 Brady
Conrad, Joseph B., 204 Reed
Cross, Edwd. W., 114 Mason
Dalgleish, D. L. & Son, 264 27th
Dombroski, Frank, 879 Sebieski
Dorn, Ernest F., 869 21st av
Dorn & Krause, 620 Lapham
Druse, Charles F., 624 6th av
Ehrich, Otto, 1702 Wright
†Ellis & Coogan, 599 Jackson
†Ferge, Henry, Hathaway bldg
Erahm, Paul, 712 21st av
Fredericksdorf, Aug., 201 Austin av
Fromm, Oscar, 892 5th
Galke, Paul & Co., 832 Winnebago
Gehrke, Fredk., 152 Lloyd
Geil, Louis, 786 Scott
Giese & Rodenkirch, 536 29th
Glover, Jno., 688 Clinton
Goelzer & Schultz, 732 37th
Goese, Herman, 746 6th
Griebling & Schmidt, 681 Van Buren
Gross, William A., 1067 10th
Gruchn, Leopold, 651 24 1-2
Gruendler, Geo., Sons, 481 B'way

Gruetzkow, Chas., 185 13th
Hagen, Emil F., 241 Lenox
Hahn, Ernst, 723 Prairie
Hahn, H. G., 293 7th
Hahn, Robert & Son, 299 9th
Hahn, Valentine, 630 State
Hausmann, Nicholas, 423 28th
Hendrickson, Fredk., 921 20th av
Heyse, Wm., 735 8th
Hintz, F. M., 1027 Centre
Hoefs, Albert W., 113 Burleigh
Hoffmeister, August, 1194 5th
Holburg, Magnus, 953 Orchard
Holstein, Aug., 1726 Chestnut
Huebner, Herman, 187 Biddle
Hunholz, Frank, 2820 McKinley boul
Hunholz, John, 713, 33d
Jaeger, Gottfried, 966 Scott
Jaeger, Jacob J., 1147 Scott
Jennrich, B. C., 819 27th
Johnson, Wm. F., 733 31st
Kaehny, Urban, 1386 12th
Kamerling, Cornelius L., 633 11th
†Kasten, William, 769 9th
Kelling, Henry C., 887 7th
Kindt, Charles F., 111 20th
Kindt, Otto C., 1005 24 1-2
Klaeser, John, 548 19th
Kleppe, Chas. A., 878 2d
Klocksin, Wm., 785 Booth
Koehn, Bernhard, 683 7th av
Koenigs, Jos., 689 Milwaukee
Kosecki, Frank, 32 Center
Krause, Charles F. W., 275 19th
Krueger, Albert, 865 Greenfield av
Krueger & Buelow, 1029 3d
Krzekinski, Peter 751 1st av
Lengenberger, John, 1040 12th av
†Lentz & Schiller, 832 Richards
Lietzke, Otto, 444 Scott
Ludwig, Nick, 693 Island av
Luebke, Gustave, 1473 12th
Luenzmann, Chas., Construction Co., 1912 Prairie

Uuettgen, Joseph, 142 Ward
McCann Bros., 461 Van Buren
Matthes, Frank, 694 Wilson
Memmel, Geo., 2227 Cherry
Mertz, Jos. M., 1499 10th
Metz, Wm. & Son, 1014 Center
Meyer, Geo., 1016 Locust
Meyer, Hy. W., 1237 Hadley
†Meyer, Jacob, 2821 Meinecke av
Meyer & Schmitt, 351 5th
Miksch Bros., 624 5th av
Miller, David, 995 8th av
Miller, Hy. F., 97 Farwell av
Mueller, Henry P., 399 7th
Naisner, Chas., 1091 8th
Nienow, Fred., 743 13th
Pankowski, Theophil, 674 2d av
Perathaner, Wm., 1123 23d
Posson, G. B. (Large), 106 Mason
Quinn, James J. Co., 208 Milwaukee
Radtke, Julius, 484 Milwaukee
Ramthun, Henry, 2629 Bismarck
Rapel, Jos., 1384 12th
Rediske, Herman, 692 Forrest Home av
Rehm, Leopold, 1165 19th
Reilly, Patk. H., 187 Farwell av
Reinemann, Peter P., 320 17th av
Reuter, Henry A., 520 Van Buren
Riesen, Harry C., 2024 Hadley
Riesen, Richard, 240 24th
Rische, Frederick, 264 8th
Roberts, Owen E., 751 Astor
Roeder, Gustave J., 96 Reservoir av
Rusch, Wm., 1091 27th
Rutz, W., 914 Orchard
Schmidt, Peter W., 1006 Becher
Schmitt, Herman & Son, 732 Jackson
Schulze, A. C., 416 E Water
Schunk, Joseph A., 579 6th av
Shaw, William, 885 Warren av
Sheldon, Edwin D., 642 19th
Sponholz, Herman A., 1601 Center
Steiner, Leon, 1926 Walnut
Steuerwald, J. D., 789 27th
Stollenwerk, Elias & Co., 952 Aldrich
Stack, Wm. F., 2816 Brown
Theis, Matthias, 1014 Clarke
Thiessenhusen, Reinhold, 325 16th av
Uhlich, Oscar, 2443 Brown
Van Rhienan, Wm., 3426 Chestnut
Vick, A. D., 736 10th
Vierhilig, Wm. F., 463 26th av
Vogel's, F. L. Sons, 508 State
Volgt, Otto H., 856, 26th
Wacker, W. J., 475 28th av
Wallschlaeger, Hy., Jr., 1411 Cedar
Ward, Jno., 626 22d av
Weis, Wm., 445 18th av
Wellnitz, Herman, 578 Maple
Westpfahl, Chas. F., 1221 Scott
†Wilk Building Co., 711 37th
Wilk, Louis, 493 Frederick
Williams, Wm. G., 179 Wisconsin
Wink, J., 615 Potter av
Wollweber, Henry, 1065 6th
Woppert, Jos., 2602 Hadley
Wood, Joseph B., 1127 6th
Ziemann, Henry, 320 1st av
Ziemann, William, 341 1st av
Zillmer, Chas. F., 884 37th

MINERAL POINT—Ellery, Jos. & Co.
McKinlay Bros.
MODENA—Smerod, Kanute
White, Edw.
MONROE—Becker, W. A.
†Cardine, W. H. (Large)
Ealeman, Eli
Frey, Chas.
Steinmann, Jacob
MONROE CENTRE—Roberts, Rufus
Weaver, Peter
MONTELLO—Barry, Jas.
Preston, Luther
MONTFORT—†Fieldhouse, Jno., & Son
Thompson, T. A.
MONTICELLO—†Ralph Bros.
MORRISONVILLE—Dalve & Melners
MOSEL—Balleberg, Ernst
Poppe, Chas.
Wilbert, Val
MOSINEE—McIntosh, Hy.
Rheinschmit, Wm.
MOUNTAIN—Banta, Wm.
Cole, V.
MT. CALVARY—Benedict, Matt
Schafer, Peter
MT. HOREB—Breum, M.
Lauck, Chas.
MT. MORRIS—Peterson, N.
Swenson, A.
Thompson, H. T.
MUKWONAGO—Vick, W. H.
MUSCODA—Rusque, Matthias
Wade, John
NEENAH—Gittins, Watkin
NEILLSVILLE—Free & Phillips
Stevens, E. M.
Taylor, J. G.
Tragner, G. W.
NELSON—Everson, E. A.
Zimmerman, Jacob
NEPTUNE—Harsh, Wm.
Sippy, John
NERO—Albertson, A. & L.
NESHKORO—Black, John
Ross, Emil
NEW HOLSTEIN—Eistentraub, Edw.
Schildhauer, Herman
Thompson, H. F.
NEW LISBON—Cook, Irwin
Rice, W. B.
Wescott, Jesse
NEW LONDON—Stimson, Marlin
Thomas, Geo.
Webber, A. A.
NEW RICHMOND—†Brown, Andrew & Son
Church, Q. M.
Davis, D. W.
Farrell, Thos.
NICHOLSON—Fueest, Chas.
Miller, Julius
Sharnow, A. C.
NORTH CAPE—Cook, Christ.
Johnson, Johannes
Nelson, Z.
NORTHPORT—Rousseau, J. B.
St. Clair, O. J.
NUTTERVILLE—Ramthon, Hermon
Beinhard, C.
Seymore, Chas.
OAKFIELD—†Monroe & Schoonover
OCONOMOWOC—Edmonds & Dittrich
†Flotow, Louis
Hanson Bros.
Weltner, Jacob
OCONTO—Forestall, C. H.
Higgins, W. P.
Russell, Alex.
Russell, Peter
Scherer, Jacob
Venable, Peter
OLIVET—Burns, Wm.
Coon, J. B.
Hanson, C.
Hanson, Hance
Nelson, H. B.
ONALASKA—Osgaard, August
Osgaard, L. O.
ONTARIO—Critchet, Walter
Critchet, Wm.
Joseph, Elmer
Prentice, L. D.
Welcher, Allen
OREGON—Johnson, C. D.
Kellor, C. B.
Lamont & Son
Miller, Demier
Wolfe, C. H.
Wolfe, Charles
OSCEOLA—Garlick, L. H.
Goodwin, H. C.
Nason, A. L.
Page, Moses
Staples, C. E.
Wilkins, J. M.
OSHKOSH—†Brown & Selbert, 800 13th
†Davis, W. H., 84 Elm
†Fluor Bros., 242 Merritt
†Frank, Louis J., 515 Main
†Frank, W. H., 81 Jefferson av
†Gill, F. W., 106 Prospect
†Houle, Louis, 352 12th
Lull, E. M., 358 6th
Mace, Ed., 79 Wright
†Mallory, J. E., 105 Frederick
†Mertz Bros., 254 13th
†Miller, A. F., 15 John
†Olson, Chris., 320 Elm
†Raycraft, Jos. T., 485 Jackson
†Rhyner, Jacob, 151 Mt. Vernon
†Schneider, Carl, 183 12th
†Thon, Chas., 121 Otter
†Weber, Jos., 151 Wagoo
OSLO—Fisher, Olaf
Larson, John
Madson, M. R.
Stephenson, Ole
OTSEGO—Hanson, L. H.
Stevens, H. L.
PACKWAUKEE—Chaple, W. D.
Gaylord, F. R.
Secord, M. J.
PALMYRA—Hiles, A. D.
Melster, Rudolph
PARDEEVILLE—†Parmlee, Arthur
PATCH GROVE—Clark, H. W.
Jones, John
Parish, Chas.
PEPIN—Fuller, John
Fuller, L. O.
Jahnkee, Frank
Nelson, C. D.
PEWAUKEE—Alton, A. G.
†Larson, Jens
†Wilson, Marshall C.
PHILLIPS—†Essen, Swan
†Hartman, Henry
PHLOX—Debeoux, Victor
Goodwill, Fred.
PLATTEVILLE—Kleinhammer, Hy.
Meinhardt, Jos.
Marion, Rose
Spencer, Lyman
Thompson, Samuel
Verren, Rich.
PLEASANT PRAIRIE—Gamble, Harvey
McNeil, C. D.
PLOVER—Taylor, Fred.
Taylor, G. E.
PLYMOUTH—†Borges, Edw.
†Hildebrandt, Joseph
†Magee, William
†Wacker & Schulz
PONIATOWSKI—Reiche, Jas.
PORTAGE—Brodie & Hardie
†Weidekehr, Henry (Large)
PORT WASHINGTON—Peters, Nicholas
Peters, Theo.
Rasser, Dominick
Stone, E. B.
Wadry, Peter
POYNETTE—Butler, C. H.
Thomas, E. B.
PRAIRIE DU CHIEN—Chase, C. C.
Rathbun, N. F.
PRAIRIE FARM—†Best, W. J.
†Hanson, Magnus
PRESCOTT—Griffin, T. J.
Harnsberger, L. H.
Holman, H. N.
McDonald, Samuel
Moody, L. J.
Wheeler, Valentine
RACINE—Coonley, Geo., Palica av
Coonley, William H.
†Edwards, Hugh R.
†Harcus, Adam H.
†Hocking, Josiah
†Holm Bros.
†Jenks, Edgar A.
†Jensen Bros. & Co.
Jones, Llewelyn S.
†Koerner, A. W.
Larson & Larson
†Menden & Kreiser
Orme, Robert

Owens, John
†Smith, Charles D.
†Strake Bros.
Tharinger, L.
†Williams, W. L.
Zirbes, Michael
RANDOLPH—Hopkins, W. W.
Miltenberger, Adam
Owens, G. E.
Williams, Rich.
RANDOM LAKE—Miller, N. O.
Seyvert, Fred
Utrech, Aug.
Wilke, Fred
REEDSBURG—Carver & Richards
Rork, W. W.
Schroeder, Christopher
Struck, John
Washburn, Stephen
REESEVILLE—Acker, F.
Loesch, A.
Roth, Geo.
REWEY—Carpenter, J. D.
Peters, Hy.
Streeter, N. S. & Son
RHINE—Zimmerman, C. J. & Co.
Zimmerman, John, Jr.
RHINELANDER—Bibby, Frank
†Horn, Gus. A.
McCardell, John
†McRae, Morris
Stumpner, Louis
RICH LAKE—†King, O. E.
RICHLAND CENTRE—Henry, Louis
McFarlin, J. C.
Smith, J. W.
RICHWOOD—Keily & Volkert
Volkert, Louis
RIDGEWAY—Hendrickson, Hans
Kramer, Henry
Peters, James
Roberts, Samuel
RIO—Anderson, A.
Curtis, Deloss
Herreman, O. A. & Son
RIO CREEK—Braun, John
Haack, Gustav
Krueger, Fred
RIPON—Howe, A. S.
†Radway, M. C.
Rudolph, Herman
Wallschiager, John
RIVER FALLS—Burnett, Chas.
Dunn, James
Eaton, B. R.
Hyatt, D. B.
ROCK ELM—Belfontz, A. O.
Miles, Wm.
Whipp, M. V.
ROCK FALLS—Hoover, J. S.
ROLLING PRAIRIE—Greiner, J. J.
Hubbard, C. C.
McConnell, E. H.
ROME—McFarlane, A. L. & Co.
ROSE LAWN—Crofoot, W. W.
Herning, W. B.
Roth, George
ROXBURY—Gankel, Jos. A.
ST. CLOUD—Ewald, Valentine
Goesser, Steffan
ST. CROIX FALLS—Berquist, Sol.
Elmquist, John
Hanson, Andrew
Peck, Thomas
Towers, John
ST. FRANCIS—Catteux, Francis
Irsch, G.
Nellen, H.
Ranwald, Jos.
ST. MARY'S—Rademacher, H. E. & Son
SALEM—Haigh, C. T.
Kinnecott, J. F.
Orvis, H. F.
Pease, James
SAUK CITY—Dresen Bros.
†Keller, Peter
SAXEVILLE—Peterson, Charles
Wood, Oren
SCANDINAVIA—Paulson, Theo.
Peterson, Andrew
SCHLEISINGERVILLE—Dopp, Anton
Dopp, Jacob
Meyer, Rich.
SEYMOUR—Mueller, Fred.
Roth, John
Stevenson, M. L.
Williams Bros.
SHAMROCK—O'Brien, John
Puritz, David
SHARON—Daniels, Leslie
Vorkoper, Fred.
Wessels, C. R.
Wofram, H. G.
SHAWANO—Andrews, A. M.
Andrews, John
SHEBOYGAN—†Bast & Quasius, 1706 N 9th
Ebenreiter & Hildebrand, 1215 Erie
†Gieb, Frank, 1214 S 9th
Hardt, Otto, 1710 Illinois av
†Hildebrand, Ernst, 1118 N 9th
Lutze, Chas., 1434 New Jersey av
†Mallman, Wm. F., 934 Wisconsin
Meier, Hy. F., 1314 N 16th
Renzelmann, Theo., c 15th & Nevada ct
Scheible, Jos., 1614 N 8th
†Wedell, Frank, 1214 N 8th
Weeks, Wm. (Large), 714 Ontario av
Wiemann, John, 1711 Garden ct
Yoost, H., 1513 Mich. av
SHEBOYGAN FALLS—Chandler, A. B.
Clark, Milton
Dean, Henry
Merritt, W. S.
SHELL LAKE—Crandall, A. B.
Dahlstrom, Andrew
SHERWOOD—Spang, Geo.
Spang, John
SHIOCTON—Connell, W. V.
Dexter, Z. G.
Freeman, Nicholas
Frost, C. H.
SOMERS—Pedley, D. B.
Yale, B. F.
SOMERSET—Rivard, T. O.
SOUTH GERMANTOWN—†Schwalbach & Grief (Large)
SOUTH KAUKAUNA—Haas & Boeier
Lindauer, F. M.
Lumerding, Jacob
Metes, Joseph
SOUTH MILWAUKEE—Breitbach, Geo.
Bunn, E. A.
Tonnet, Charles
SPARTA—†Bowen & Lake
Chaffee, G. N.
Davenport, H. T.
Dickinson, J. A.
Foote, F. T.
Freeman, F. S.
Holden, A. B.
Hubbell, D. L.
Huntley, N. N.
†Knauss & Huschka
Leonard, M. A.
Marshall, N. M.
Schmalz, Ernst
Watson, Geo.
SPRING BLUFF—Catchim, Oscar
Phelps, Willie
SPRING GREEN—Crammer Bros.
Simpson, C. J.
SPRING PRAIRIE—Clark, Wm.
Dyke, C. R.
SPRING VALLEY—Anderson, John
Bowen, Gle.
Burns, Wm.
Butek, Joe
Ekblom, A. & Co.
Whitback, S. R.
SPRINGVILLE—Hagen, O. O.
Williamson, Wm.
STANGELVILLE—Cibulka, Jos.
Dufek, Mathias
Kritzmacher, Albert
Kritzmacher, Wm.
Kudlick, Ferd.
Sladky, Joseph
STAR—Ainsworth, B.
Mallison, H. C.
STARK—Dunn, J. P.
Kniser, Albert
Skarben, Martin S.
Warm, Wm.
STAR PRAIRIE—Albertson, Erick
Cudney, J. H.
Gibson, W. G.
STEPHENSVILLE—Achtner, John
Nash, W. H.
STETTIN—Brandt, Gunther
STEVENSON'S PIER—Eichinger, A.
Eichinger & Webber
Nauman, August
Tulbke, William
Vetter, Hy.
Webber, J. G.
STEVEN'S POINT—†Abb & Jensen
Edwards, B. W.
Moss, I. M.
Olin, M. T.
†Packard, Charles H.
Ule Bros.
†Woodworth, H. N. & E. N.
STOCKBRIDGE—Johnson, G. A.
Maloy, Jos.
STOCKTON—Breitenstein, Richard
Hunter, L.
STODDARD—Graake, G.
Thille, A.
STOUGHTON—Hill, Fred
†Ovren, Aug. E. (Large)
STURGEON BAY—Crandall, F. D.
Russell, E. L.
Thain, John
SUGAR GROVE—Kellogg, Ranson
SULLIVAN—Hensey & Schmiling
Ley, Wm.
SUN PRAIRIE—Schleicher, Jos.
SUPERIOR—†Adams, H. J., 2215 N 22d
Clark, I. A., 303 W 5th
†Cowden, H. F., 1301 Banks av
†Donlin, John, 1213 N 16th
†Finney, G. K., 5928 Banks av
Flinn, 1203 N 14th
†Henderson, Jos., 321 W 8th
Hubert & Boufford, 1209 N 4th
†McKenzie & Arris, 1708 Winter
†O'Brien, H. F., 283 W 4th
SUSSEX—Elliott, M.
Hummel, Geo.
Walter, C. J.
TAUS—McGurty, Jas.
Oswald, G. W.
Reyling, Wm.
TAY CHEEDAH—Tiffany, M. R.
Tiffany, P. R.
TESS CORNERS—Holtz, Chas.
Ludwig, Ernst
Ruehle, Wm.
THREE LAKES—Banock, Wm.
Grandy, J.
Peck, M.
TOMAH—Burnie, A. G.
Nechuta, Charles
Turner, G. E.
Whitney, D. H.
Winter, G. L.
TREMPEAU—Garringer, John
Rice, S. D.
Thomas, C. W.
TROY CENTRE—Babcock, J. C.
Holmes, Rich.
TUNNEL CITY—Hilliker, Geo.
Hilliker, J. W.
TWO RIVERS—Burke, Frederick
Hoffman, John
Krause, Charles
†Wolf, Frank L.
UNION CENTRE—Philips Bros.
Philips, John
Webb, Clark
VIOLA—Kendall, Geo.
Morrow & Davidson
Petton, L. F.
Rogers, Calvin
Rogers, F. F.
VIROQUA—Gorsuch, Thos.
Jackson Bros.
†Lake, William & Son
Muzum & Storer
Peters, Frank
†Peterson, Jasker
Richards, M. V. B.
†Seals, A. O.
Stevens, O. C.
Stimble, G. W.
WASHBURN—Hage, H. O.
†Halloran, John
Miller, Isadore
WATERTOWN—Baumann, Alfred
†Behlke, Ferd.
Gobres, F. W.
Huenefeld, Carl
Jaeger, F. C.
Riebe, William
Rielmann, Ernest
Schaatz, John
Wolfgram & Scheel
WAUKESHA—†Dodd, Samuel
†Hill & Smith
WAUNAKEE—Klengenhoefer, John
Marsh, Thomas
WAUPACA—Green, Royal
†Nelson, A. G.
WAUPUN—Broskamp, William
Howard, Jno.
Whiting, Newell
WAUSAU—Anderes, John
Gudwood, Robert
†Krause, Fred
†Miller, John
WAUWATOSA—†Dittmar, Christ
Sparleder, F. H.
WEQUIOCK—†Denville, Jos., Bay Shore av
Weber, Henry
WEST BEND—†Baer, Christopher
Blasser, William, Jr.
†Obermeyer, George
Zettler, Joseph
WESTBY—†Moen & Olson

WEST DENMARK—Jensen, H. C.
Raonholt, A. C.
WESTFIELD—†Kendall Bros.
WEST LIMA—Davis, J. S.
Spencer, John
WEST SUPERIOR—(See Superior)
WEYAUWEGA—†Barber, A. H.
Burke, Jacob
Vincent, Charles
WHITEHALL—Heried, P. & E. K.
WHITEWATER—†Bonnett, E. & Son
Grant, John
Jensen, K.
WILLIAM'S BAY—De Groff, W. G.
†Peterson, P. O.
†Thomas. Lew
WILMOT—Carpenter & Hapgood
Owen, F. J.
WITTENBERG—Carter, Arthur
Edler, Charles
Polley, Edward
WITWEN—Millentine, Henry
WONEWOC—Blish, George
Church, Daniel
Church, William
Huff, Isaac
WRIGHTSTOWN—Ciler, John
Jenkins, George
Veau, Louis
WYALUSING—Hartford, John
Hart, F. F.

WYOMING.

BUFFALO—†Johnson, Gustav
†Peterson, J. H.
†Tubbs, J. E.
CASPAR—†Bayer, Hy.
†Erben, E.
†Lilly, F. & Bro.
†Taylor, J. L.
†Tubbs, H. E.
CHEYENNE—†Black & Clark
Butler, A. L.
†Connor & Miller
†Fellows, C. L.
†Grimes, J. R.
Keefe, M. P.
†McAdam, A.
†Sage, B. H.
†Warren, R. W.
DOUGLASS—†Brenning, H. L.
†Goodwin, George
†Rice, A. & A. C.
EVANSTON—†Anderson, A. W.
†Bergstrom & Carruth
†Flero, J. G.
LARAMIE—†Bass & Branch
†Berner & Beaudoin
†Berner, E. & Co.
†Rogers, Oscar
†Wynmore, A. J.
NEW CASTLE—†Dow, Charles W.
†Haines, John E.
†Harthorn, F. J.
†Henderson, J. A.
RAWLINS—†Daley & Dow
Larsen, Hy.
†Osborne & Watts
ROCK SPRINGS—Rock Springs Lumber Co.
†Sweetwater Lumber Co.
SARATOGA—†Buchner & Moore
†Buchner, Wm. H.
†Kiengle, Charles
†Smith, W. L.
SHERIDAN—†Green, M. C.
†Inglefield, S. J.
†Stewart, Donald

Carriage Trimmings (Plated).

(See also Hardware Mfrs. Carriage & Wagon)

Buescher Mfg. Co., Elkhart, Ind.
Enterprise Brass & Plating Co., Clark & Harriet, Cincinnati, O.
Higgin Mfg. Co., Newport, Ky.
Kienzle, W. F., 92 Ohio, Chicago, Ill.
Schlegel Mfg. Co., Rochester, N. Y.
Smith, Jos. N. & Co. (Rails, Handles, Name Plates, etc.), Detroit, Mich.
Spring Perch Co. (Also Brass), Bridgeport, Conn.
White Mfg. Co., Bridgeport, Conn.
Woodruff, Walter W. & Sons Co., Mt. Carmel, Conn.

Carriages (Children's)

Adams Carriage Co., Canal Dover, O.
Allen-Thompson-Whitney Co., 112 Canal, Boston, Mass.
American Go-Cart Co., Detroit, Mich.
American Rattan Co., 1606 S 2d, St. Louis, Mo.
Capital Rattan Co., Indianapolis, Ind.
Carriage & Toy Co., 220 W Fayette, Baltimore, Md.
Carter, C. L. & Co., Winchendon, Mass.
Chicago Willow & Rattan Works, 424 Blue Island av, Chicago, Ill.
Detroit Rattan & Reed Works, Detroit, Mich.
Erie City Carriage Works, Erie, Pa.
Faribault Rattan Co., Fairbault, Minn.
Folding Baby Carriage Co., Davenport, Ia.
Ford, J. S., Johnson & Co., 16th & Indiana av, Chicago, Ill.
Gendron Wheel Co., Toledo, O.
Hartshorn, C. H., Gardner, Mass.
Heinz & Munschauer, Superior cor Randall, Buffalo, N. Y.
Heyward Bros. & Wakefield Co., 536 W Pratt, Baltimore Md.
Heyward Bros. & Wakefield Co., Gardner, Mass.
Huke, Wm. Rattan & Willow Ware Mfg. Co., 1007 S 7th, St. Louis, Mo.
Kaiser, J., & Co., 3d & Elm, St. Louis, Mo.
Kelly Bros., Gardner, Mass.
May, P. J., New Orleans, La.
May's Rattan Works, 1795 N Clark, Chicago, Ill.
Meinecke & Son, ft of Mason, Milwaukee, Wis.
Menke & Son, ft. of Mason, Milwaukee, Wis.
National Carriage & Reed Co., Findlay & John, Cincinnati, O.
Newark Go-Cart Mfg. Co., 199 Washington, Newark, N. J.
Newburgh Reed Co., Newburgh, N. Y.
Noeller's, L. Sons, 47 Locust, Buffalo, N. Y.
Pahl, E. F. & Co., 1032 3rd, Milwaukee, Wis.
Paterson, L.S. Pompanoosuc, Vt.
Peck & Hills Furniture Co., 1319 Michigan av, Chicago, Ill.
Philadelphia Baby Carriage Factory, 713 Spg. Garden, Phila, Pa.
Piel Bros. Mfg. Co., Madison av & Ray, Indianapolis, Ind.
Pioneer Mfg. Co., Detroit, Mich.
Platt, Geo. H., 481 5th av, Brooklyn, N. Y.
Rammsdell, L. B., Garner, Mass.
Rich Bros., 122 S Howard, Baltimore, Md.
Rieber, L. & Co., 16 N 4th, Phila, Pa.
Starbuck Sons Co., Mattoon, Ill.
Thayer, H. N. Co., Erie, Pa.
Toomey, S. & Co., Canal Dover, O.
Travers, Geo. W., 146 Chambers, N. Y.
Twin City Reed & Rattan Co., 92 W 7th, St. Paul, Minn.
Union Carriage & Rattan Co., Louisville, Ky., & Ohio Falls, Ind.
Waite Chair Co., Baldwinsville, Mass.
Western Chair Co., 412 S Canal, Chicago, Ill.
Whitney, F. A. Carriage Co., Leominster, Mass.
Whitney Reed Chair Co., Leominster, Mass.

Carriages (Gun)

Builders' Iron Foundry, Providence, R. I.
Mansfield Engineering Co., Mansfield, O. index, end of book)
Phila. Roll & Machine Co., S 23d & Wash'n av, Phila., Pa.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.

Carriages (Saw Mill)

(See Saw Mill Carriages)

Carriages (Tension)

MINNEAPOLIS STEEL & MACHINEry Co., Minneapolis, Minn. (See adv. index, end of book)
Nordyke & Marmon Co. (Vertical & Horizontal), Indianapolis, Ind.

Carriers (Hay)

Eureka Mower Co. ("The Clark"), Utica, N. Y.
Hunt-Helm-Ferris & Co., Harvard, Ill.
Janesville Hay Tool Co. ("Dead Lock," Steel & Wood Track), 122 Lake, Chicago, Ill.
Mason, F. C. & Co. (Steel Track or Cable), St. Johns, Mich.
Myers, F. E. & Bro., Ashland, O.
Ney Mfg. Co., Canton, O.
Ney, V. L. Co., Canton, O.
Porter, J. E. Co. (Steel Track), Ottawa, Ill.
Superior Drill Co., Springfield, O.
WARSAW ELEVATOR CO. (The "Rochester"), Warsaw, N. Y., & Erie Co. b'k bldg, Buffalo, N. Y. (See adv. index, end of book.)
WHITMAN & BARNES MFG. CO. †"Diamond" Steel Track Rod or Cable), West Pullman, Chicago; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)

Carriers (Milk Jar)

WRIGHT WIRE CO. (Tinned Wire), Worcester, Mass. (See adv. index, end of book.)

Carriers Merchandise

Allith Mfg. Co. (Overhead Track), Taylor c 43d av, Chicago, Ill.

Carrousells, Organs, Etc.

Armitage Herschell Co. (Steam or Electric), North Tonawanda, N. Y.
Dentzel, August R., 3635 Germantown av., Phila., Pa.
Gem Novelty Co., Cincinnati, O.
Gillie Engine & Machine Co., Tonawanda, N. Y.
Herschell, Spillman & Co., North Tonawanda, N. Y.
Looff, Chas., Norman av & Russell, Brooklyn, N. Y.
Mangels, Wm. F., 2941 W 8th, Brooklyn, N. Y.
Morris Amusement Co., 902 Walnut, Philadelphia, Pa.
Morris, E. Joy, 1416 Callowhill, Phila., Pa.
Murphy, T. F., 38 Franklin, Brooklyn, N. Y.
Norman & Evans (Steam), Lockport, N. Y.
Parker, Chas., Abilene, Kan.
Queen City Carrousselle Co., South & Evans, Cincinnati, O.

Cars (Ballast)

Apex Equipment Co., 11 B'way, New York.
Continental Car & Equipment, 17 Battery pl., N. Y.
Rodger Ballast Car Co., Fisher bldg, Chicago, Ill.
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
Western Wheeled Scraper Co. (Bottom & Side Dump), Aurora, Ill.

Cars (Billet)

American Car & Foundry Co., 706 Chestnut, St. Louis, Mo., & 25 Broad, New York
Atlas Bolt & Screw Co., Cleveland, O.
Byram & Co., Inc., 435 Guoin, Detroit, Mich.
Carlin, W. J. Co., 25th & A V Ry, Pittsburg, Pa
Cleveland Car Co., Cleveland, O.
GREGG CO. (Ltd.), Newburgh, N. Y. (See adv. index, end of book.)
Hunt, C. W. Co., 45 B'way, New York. Works, W New Brighton, S. I., N. Y.
Jackson Mfg. Co., Harrisburg, Pa.
KOPPEL, ARTHUR, 68 Broad, New York. (See adv. index, end of book)
NORTHERN ENGINEERING WORKS, Chene & Atwater, Detroit, Mich. (See adv. index, end of book)
Sheffield Car Co., Three Rivers, Mich.
WHITING FOUNDRY EQUIPMENT Co., Harvey, Ill. (See adv. index, end of book)

Cars (Brick)

Also Trucks, Brick.

American Clay Working Machinery Co., Bucyrus & Willoughby, O.
Atlas Bolt & Screw Co. (also Metal, Brick & Drying Cars), Cleveland, Ohio
Cleveland Car Co., 148 Scranton av, Cleveland, O.
Freese, E. M. & Co., Galion, O.
Hathorn Foundry & Machine Co., Mason City, Ia
Horton Mfg. Co., Painesville, O.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
KOPPEL, ARTHUR, 68 Broad, New York. (See adv. index, end of book)
Ohio Ceramic Engineering Co., 50 Fall, Cleve- York. (See adv. index, page 1200)
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book) book)
Scotts Patent Brick Car Co., Knoxville, Tenn.
Wellington Machine Co., Wellington, Ohio

Cars (Bridge Gang)

BUDA FOUNDRY & MFG. CO., Rail- way Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
DAVIES, FRANK, Hennen bldg., New Orleans, La. (See adv. next page)
FAIRBANKS, MORSE & CO., Frank- lin & Monroe, Chicago. Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 103 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3rd, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty. N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
GREGG CO. (Ltd.), Newburgh, N. Y. (See adv. below)
KOPPEL, ARTHUR, 68 Broad, N. Y. (See adv. index, end of book.)
LEAVITT, C. W. & CO., 15 Cortlandt. New York. (See adv. index, end of book)
Sheffield Car Co., Three Rivers, Mich.

Cars (Cane)

(See Cars, Plantation.)

Cars (Canopy)

DAVIES, FRANK, Hennen bldg., New Orleans. La. (See adv. next page)
GREGG CO. (Ltd.), Newburgh, N. Y. (See adv. below)
KOPPEL, ARTHUR, 68 Broad, New York. (See adv. index, end of book)
LEAVITT, C. W. & CO., 15 Cortlandt. New York. (See adv. index, end of book)
Ramapo Iron Works, Hillburn, N. Y., & 170 B'way, New York, & Niagara Falls, N. Y.
Sheffield Car Co., Three Rivers, Mich.
South Baltimore Steel Car & Foundry Co., Baltimore, Md., & 11 B'way, N. Y.

Cars (Charging)

Atlas Bolt & Screw Co., Cleveland, O.
DAVIES, FRANK, Hennen bldg., New Orleans, La. (See adv. next page)
GREGG CO. (Ltd.), Newburgh, N. Y. (See adv. below)
Hunt, C. W., Co., 45 B'way, New York. Works, W New Brighton, S. I., N. Y.
KOPPEL, ARTHUR, 68 Broad, New York. (See adv. index, end of book)
LEAVITT, C. W. & CO., 15 Cortlandt, New York. (See adv. index, end of book)
Link Belt Engineering Co. (Drop Side, etc.), Nicetown, Phila., Pa.; 47 Dey, New York, & Park bldg., Pittsburg, Pa.
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
STURTEVANT, B. F., Co. (Foun- dry), Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria st., London, Eng. (See adv. index, end of book.)
Treadwell, M. H. & Co., 95 Liberty, New York.
Variety Iron Works Co., Cleveland, O.

Cars (Charging, Open Hearth)

Morgan Engineering Co., Allianee, O.

Cars (Clay)

American Car & Foundry Co., 706 Chestnut, St. Louis, Mo., & 25 Broad, New York
American Clay Working Machinery Co., Bueyrus, O.; Willoughby, O., & 39 Cortland, New York
Atlas Bolt & Screw Co., Cleveland, O.
Bonnot Co. (Brick & Clay), Canton, O.
Cleveland Car Co., Cleveland, O.
Continental Car & Equipment Co., 17 Battery pl., New York
DAVIES, FRANK, Hennen bldg., New Orleans, La. (See adv. next page)
Freese, E. M. & Co., Galion, O.
GREGG CO. (Ltd.), Newburgh, N. Y. (See adv. below)
Hathorn Foundry & Machine Co., Mason City, Iowa
Horton Mfg. Co., Painesville, O.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
KOPPEL, ARTHUR, 68 Broad, New York. (See adv. index, end of book)
Leader Mfg. Co., Decatur, Ill.
LEAVITT, C. W. & CO., 15 Cortlandt, New York. (See adv. index, end of book)
Ohio Ceramic Engineering Co., 50 Fall, Cleveland, O.
Peacock's Iron Works (Iron, Steel & Wood), Selma, Ala.
Raymond, C. W., Co., Dayton, O.
Scott & Oliver Mfg. Co. (Brick), Knoxville, Tenn.
Sheffield Car Co. (Steel or Wood), Three Rivers, Mich.
South Baltimore Steel Car & Foundry Co., Baltimore, Md., & 11 B'way, N. Y.
Steele, J. C. & Son, Statesville, N. C.
Treadwell, M. H. & Co., 95 Liberty, N. Y.
Wellington Machine Co. (Brick, etc.), Wellington, O.

Cars (Coal)

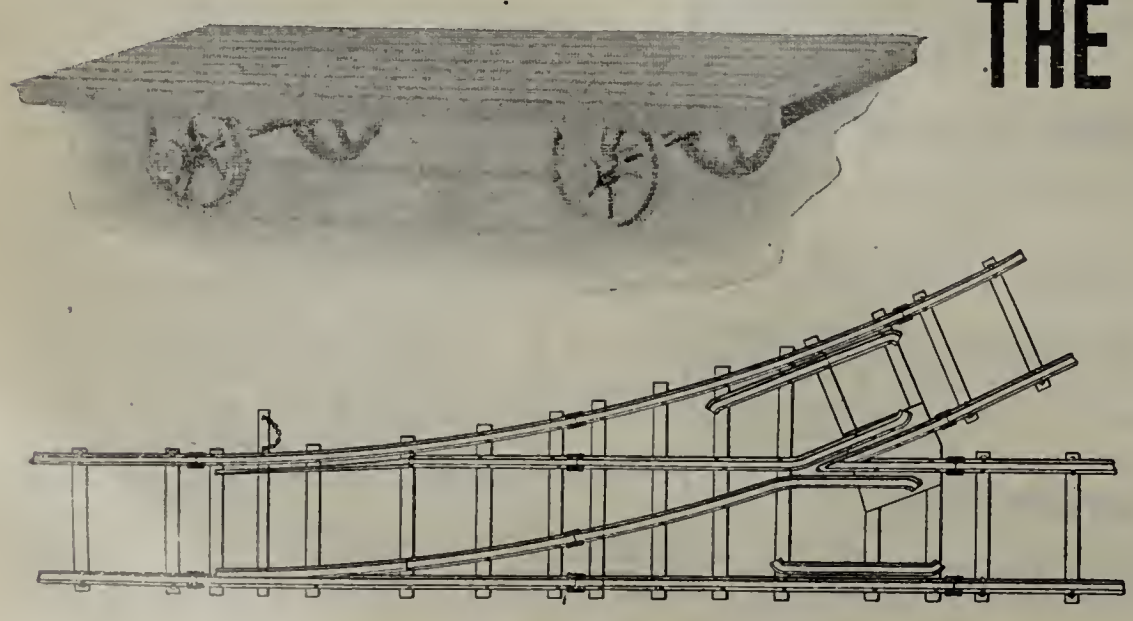
Apex Equipment Co., 11 B'way, New York
Erie Car Works, Erie, Pa.
Georgia Car & Mfg. Co., Savannah, Ga.
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Lehigh Car Wheel & Axle Works, Catasauqua, Pa.
Mt. Vernon Car Mfg. Co., Mt. Vernon, Ill.
Peacock's Iron Works, Selma, Ala.
Phillips, Doup & Co., 56 Pearl, Brooklyn, N. Y.
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
Sheffield Car Co., Three Rivers, Mich.
Treadwell, M. H. & Co., 95 Liberty, N. Y.
Whitman Agricultural Co. (Wood), 6900 S B'way, St. Louis, Mo.

Cars (Core Oven)

Apex Equipment Co., 11 B'way, New York
Atlas Bolt & Screw Co., Cleveland, O.
Byram & Co. (Inc.), 435 Guoin, Detroit, Mich.
Cleveland Car Co., Cleveland, O.
DAVIES, FRANK, Hennen Building, New Orleans, La. (See adv. next page)
GREGG CO. (Ltd.), Newburgh, N. Y. (See adv. below)
Hunt, C. W. Co., 45 B'way, New York. Works W New Brighton, S. I., N. Y.
Jackson Mfg. Co., Harrisburg, Pa.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
KOPPEL, ARTHUR, 68 Broad, New York. (See adv. index, end of book)
LEAVITT, C. W. & CO., 15 Cortlandt, New York. (See adv. index, end of book)
Niles Boiler Co., Niles, O.
NORTHERN ENGINEERING WORKS, Chene & Atwater, Detroit, Mich. (See adv. index, end of book)
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
Sheffield Car Co., Three Rivers, Mich.
WHITING FOUNDRY EQUIPMENT Co., Harvey, Ill. (See adv. index, end of book)

Cars (Derrick or Crane)

American Car & Foundry Co., 708 Chestnut St. Louis, Mo., & 25 Broad, New York.
Beatty, M & Sons, Welland, Ontario, Canada.
BYERS, JOHN F., MACHINE CO., Ravenna, O. (See adv. index, end of book)
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y., & 42 Dey N. Y. (See adv. index, end of book)



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GREGG CO. (Ltd.), Newburgh, N. Y. (See adv. preceding page)
Hicks, F. M., 277 Dearborn, Chicago.
Hunt, C. W. Co., 45 B'way, New York. Works, W New Brighton, S. I., N. Y.
Illinois Car & Equipment Co., Old Colony bldg, Chicago, & 28 Broad, N. Y.
Industrial Works, Bay City, Mich.
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
South Baltimore Steel Car & Foundry Co., Baltimore, Md., & 11 B'way, N. Y.

Cars (Drop Bottom)

Allis-Chalmers Co. Office, New York Life bldg., Chicago, Ill.; 71 B'way, N. Y. Works, Chicago, Milwaukee & Scranton, Pa.
American Car & Foundry Co., 706 Chestnut, St. Louis, Mo., & 25 Broad, New York.
Atlas Bolt & Screw Co., Cleveland, O.
Austin Mfg. Co., Manhattan bldg, Chicago, Ill. Works, Harvey, Ill.
Bodley Wagon Co., Memphis, Tenn.
Caswell Car Co. (Level Floor), Fisher bldg, Chicago, Ill.
Chattanooga Car & Foundry Co., Chattanooga, Tenn.
Cleveland Car Co., 148 Scranton av, Cleveland, O.
Continental Car & Equipment Co., 17 Battery pl., N. Y.
FOCHT, GEO. SONS, 119 Adams, Hoboken, N. J. (See adv. index, end of book)
GREGG CO. (Ltd.), Newburgh, N. Y. (See adv. preceding page)
Haskell & Barker Mfg. Co., Michigan City, Ind.
Ingoldsby Automatic Car Co., Chemical bldg, St. Louis, Mo.
Peacock's Iron Works (Steel & Wood) Selma, Ala.
Ramapo Iron Works, Hillburn, N. Y.; Niagara Falls, N. Y., & 170 B'way, N. Y.
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
Sheffield Car Co., Three Rivers, Mich.
South Baltimore Steel Car & Foundry Co., Baltimore, Md., & 11 B'way, N. Y.
Whitman Agricultural Co., (Wood & Steel), 6900 S B'way, St. Louis, Mo.
WONHAM - MAGOR ENGINEERING Works, 29 B'way, New York. (See adv. index, end of book)

Cars (Dryer)

Atlas Bolt & Screw Co., Cleveland, O.
Bonnot Co., Canton, O.
DAVIES, FRANK, Hennen bldg., New Orleans, La. (See adv. below)
FOCHT, GEO. SONS, 119 Adams, Hoboken, N. J. (See adv. index, end of book)
GREGG CO. (Ltd.), Newburgh, N. Y. (See adv. opposite this page)
KOPPEL, ARTHUR, 68 Broad, New York. (See adv. index, end of book)
LEAVITT, C. W. & CO., 15 Cortlandt. New York. (See adv. index, end of book)
Martin, Henry Brick Machine Mfg. Co., Lancaster, Pa.
Means Foundry & Machine Co., Steubenville, O.
North Alabama Engineering Co., New Decatur, Ala.
Ohio Ceramic Engineering Co. (Steel), 50 Fall. Cleveland. O.
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
Scott & Oliver Mfg. Co. (and Open-Air Drying System), Knoxville, Tenn.

Cars (Dumping)

(See also Cars, Mine.)

Amercan Car & Foundry Co., 706 Chestnut, St. Louis, Mo., & 25 Broad, New York
American Clay Working Machinery Co., Bucyrus, O., & Willoughby, O.
Apex Equipment Co., 11 B'way, New York
Atlas Bolt & Screw Co., Cleveland, O.
Austin Mfg. Co., (Automatic), Manhattan bldg, Chicago, Ill. Works, Harvey, Ill.
Billmeyer & Small Co., York, Pa.
Bloomsburg Car Mfg. Co., Bloomsburg, Pa.
Bonnot Co., (Steel Bed, Bottom, Side & End Dump), Canton, O.
BUDA FOUNDRY & MFG. CO., Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
Carlin, W. J. Co., 25th & A. V. Ry., Pittsburg, Pa.
Catawissa Car & Foundry Works, Catawissa, Pa.
Chattanooga Car & Foundry Co., Chattanooga, Tenn.
Cleveland Car Co. (End & Side), 148 Scranton, Cleveland, O.
CONTINENTAL CAR & EQUIPMENT Co. (Contractors' one way & two way Wood or Steel Cars), 17 Battery pl., N. Y.
CONTRACTORS SUPPLY & EQUIPment Co., Old Colony bldg, Chicago; 170 B'way, New York, & 509 W. 5th, Kansas City, Mo. (See adv. index, end of book)
DAVIES, FRANK, Hennen bldg., New Orleans, La. (See adv. bottom of this page)
Davis, F. M. Iron Works, Denver, Col.
Denver Enginering Works. Denver, Colo.
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y., & 38 Dey, New York (See adv. index, end of book)
FAIRBANKS, MORSE & CO. (Side, Rotary, Hopper Center & Botton Dump, etc., Wood and Steel), Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 103 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av., St. Louis; 1217 Union av., Kansas City, Mo.; 234 E. 3rd, St. Paul; 220 Nicollet av., Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
FOCHT, GEO. SONS, 119 Adams, Hoboken, N. J. (See adv. index, end of book)
GREGG CO. (Ltd.), Newburgh, N. Y. (See adv. opp. this page)
Haskell & Barker Car Co., Michigan City, Ind.
Hicks, F. M., (Railroad), 277 Dearborn, Chicago.
Hockensmith Wheel & Wire Car Co. (Contractors, etc.), Irwin, Pa.
Horton Mfg. Co., (Brick Yard), Painesville, O.
Hunt, C. W. Co., 45 B'way, New York. Works, W New Brighton, S. I., N. Y.
Ingoldsby Automatic Car Co., (Bottom & Side Dump), St. Louis, Mo.
JEFFREY MFG. CO., Columbus, O.; 41 Dey, New York, & Equitable bldg, Denver, Col. (See adv. index, end of book)
Kalamazoo Railway Supply Co. (Contractors), Kalamazoo, Mich.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
KOPPEL, ARTHUR, 68 Broad, New York. (See adv. index, end of book)
LEAVITT, C. W. & CO., 15 Cortlandt, New York. (See adv. index, end of book)
Lima Locomotive & Machine Co. (Steel), Lima, Ohio
Link Belt Engineering Co. (Side & Bottom Dump, etc.), Nicetown, Phila., Pa.; 47 Dey, N. Y., & Park bldg., Pittsburg, Pa.
Luedinghaus-Espenschild Wagon Co., St. Louis, Mo.
Mead-Morrison Mfg. Co., 11 B'way, New York; Boston, Mass., & Chicago, Ill.
Mine & Smelter Supply Co., Denver, Col.; 139 Liberty, New York; El Paso, Tex.; Salt Lake City, Utah
NEW JERSEY FOUNDRY & MACHINE CO., 15 Murray, N. Y. (See adv. index, end of book)
Peacock's Iron Works (Steel & Wood), Selma, Ala.
Peteler Portable Railway Mfg. Co., Minneapolis, Minn.
Phillips, Doup & Co., 56 Pearl, Brooklyn, N. Y.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Ramapo Iron Works (Side, End & Bottom Dump), Hillburn, N. Y.; Niagara Falls, N. Y., & 170 B'way, New York
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
Sanford-Day Iron Works, Knoxville, Tenn.
SHAW, WILLIS, 171 Lasalle, Chicago. (See adv. index, end of book)
Sheffield Car Co. (End, Side, Rotary, Rocker & Centre), Three Rivers, Mich.
South Baltimore Steel Car & Foundry Co. ("Side, End & Bottom"), Baltimore, Md., & 11 B'way, New York
Stedman's Foundry & Machine Works (For Fertilizer Works), Aurora, Ind.
STURTEVANT, B. F., CO. (Foundry, etc.), Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria st, London, Eng. (See adv. index, end of book)
Treadwell, M. H., & Co., 95 Liberty, New York
Truax Mfg. Co. (Jno. T. Plummer, Prop.), (Steel), 1725 Wazee, Denver, Col.
Vulcan Iron Works, Wilkesbarre, Pittston & Tamaqua, Pa.
Western Wheeled Scraper Co., (Bottom & Side Dump) Aurora, Ill.
Whitman Agl. Co. (Wood & Steel), 6900 S B'way, St. Louis, Mo.
Williamsport Clutch & Pulley Co. (Coal & Cinder), Williamsport, Pa.
WONHAM - MAGOR ENGINEERING Works, 29 B'way, New York. (See adv. index, end of book)

Cars (Dumping, Railroad)

BUDA FOUNDRY & MFG. CO., Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
Caswell Car Co., Fisher bldg., Chicago, Ill.
Goodwin Car Co., 95 5th av, New York

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American Car & Foundry Co., St. Louis, Mo., & 25 Broad, New York
American Equipment Co., Atlanta, Ga.
Apex Equipment Co., 11 B'way, New York
Bloomsburg Car Mfg. Co., Bloomsburg, Pa.
Catawissa Car & Foundry Works, Catawissa, Pa.
Chicago Car & Locomotive Works, Fisher bldg., Chicago, Ill. Works, Hegewisch, Ill.
Continental Car & Equipment Co., 17 Battery pl., New York
DAVIES, FRANK, Hennen bldg., New Orleans, La. (See adv. index, end of book)
Erie Car Works, Erie, Pa.
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 103 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av., St. Louis; 1217 Union av., Kansas City, Mo.; 234 E. 3rd, St. Paul 220 Nicollet av., Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Georgia Car & Mfg. Co., Savannah, Ga.
GREGG CO. (Ltd.), Newburgh, N. Y. (See adv. index, end of book.)
Haskell & Barker Car Co., Michigan City, Ind.
Hicks, F. M., 277 Dearborn, Chicago, Ill.
Hunt, C. W. Co. (Industrial), 45 B'way, N. Y. Works, W New Brighton, S. I., N. Y.
KOPPEL, ARTHUR, 68 Broad, New York. (See adv. index, end of book)
LEAVITT, C. W. & CO., 15 Cortlandt, New York. (See adv. index, end of book)
Lehigh Car Wheel & Axle Works, Catasauqua, Pa.
Mitshkun, M. Co. (Second Hand), Chamber of Commerce, Detroit, Mich.
Mt. Vernon Car Mfg. Co., Mt. Vernon, Ill.
NEW JERSEY FOUNDRY & MACHINE CO., 15 Murray, N. Y. (See adv. index, end of book)
Ramapo Iron Works, Hillburn, N. Y.; Niagara Falls, N. Y., & 170 B'way, New York
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
SHAW, WILLIS, 171 Lasalle, Chicago. (See adv. index, end of book)
Sheffield Car Co. (Wood), Three Rivers, Mich.
South Baltimore Steel Car & Foundry Co., Baltimore, Md., & 11 B'way, New York
Stephenson, Jno., Co., Elizabeth, N. J., & 27 Pine, New York
Sterlingworth Railway Supply Co., Easton, Pa.
Treadwell, M. H. & Co., 95 Liberty, New York
WONHAM - MAGOR ENGINEERING Works, 29 B'way, New York. (See adv. index, end of book)

Cars (Foundry)

Atlas Bolt & Screw Co., Cleveland, O.
Byram & Co. (Inc.), 435 Guoin, Detroit, Mich.
Carlin, W. J. Co., 25th & A. V. Ry., Pittsburg, Pa.
DAVIES, FRANK, Hennen bldg., New Orleans, La. (See adv. index, end of book)
FOCHT, GEO. SONS, 119 Adams, Hoboken, N. J. (See adv. index, end of book)
GREGG CO. (Ltd.), Newburgh, N. Y. (See adv. index, end of book.)
Hunt, C. W. Co. (Ladle, etc.), 45 B'way, New York. Works, W. New Brighton, N. Y.
Jackson Mfg. Co., Harrisburg, Pa.
KOPPEL, ARTHUR, 68 Broad, New York. (See adv. index, end of book)
York. (See adv index, page 1200)
LEAVITT, C. W. & CO., 15 Cortlandt, New York. (See adv. index, end of book)
Lebanon Mfg. Co., Lebanon, Pa.
RUSSEL WHEEL & FOUNDRY CO. Detroit, Mich. (See adv. index, end of book)
Sheffield Car Co., Three Rivers, Mich.
STURTEVANT, B. F., CO. (Dump, Charging, etc.), Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S. Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria st, London, Eng. (See adv. index, end of book)
Treadwell, M. H. & Co., 95 Liberty, New York
WHITING FOUNDRY EQUIPMENT Co., Harvey, Ill. (See adv. index, end of book)
WONHAM - MAGOR ENGINEERING Works, 29 B'way, New York. (See adv. index, end of book)

Cars (Freight)

American Car & Foundry Co., St. Louis, Mo.,
Apex Equipment Co., 11 B'way, New York.
Barney & Smith Car Co., Dayton, O.
Billmeyer & Small Co., York, Pa.
Bloomsburg Car Mfg. Co., Bloomsburg, Pa.
Bradley, Osgood & Sons, Worcester, Mass.
Brill, J. G. Co., 62d & Woodland av, Phila., Pa.
Brinkley Car Works & Mfg., Co., Brinkley, Ark.
Carter Bros., 220 Market, San Francisco, Cal.
Chattanooga Car & Foundry Co., Chattanooga, Tenn.
DAVIES, FRANK, Hennen bldg., New Orleans, La. (See adv. index, end of book)
Erie Car Works, Erie, Pa.
Georgia Car & Mfg. Co., Savannah, Ga.
GREGG CO. (Ltd.), Newburgh, N. Y. (See adv. index, end of book)
Hammond, J. & Co., San Francisco, Cal.
Haskell & Barker Car Co., Michigan City, Ind.
HICKS, F, M., 277 Dearborn, Chicago, Ill.
Illinois Car & Equipment Co., Old Colony bldg, Chicago, & 28 B'way, N. Y.
KOPPEL, ARTHUR, 68 Broad, New York. (See adv. index, end of book)
Laconia Car Co., 131 State, Boston, Mass. Works, Laconia, N. H.
Middletown Car Works (Inc.), Middletown, Pa.
NEW JERSEY FOUNDRY & MACHINE CO., 15 Murray, N. Y. (See adv index, end of book)
Pressed Steel Car Co. (Steel), Pittsburg, Pa.
Pullman Co., Pullman bldg, Chicago, Ill.
Ramapo Iron Works, Hillburn, N. Y.; Niagara Falls, N. Y., & 170 B'way, New York
St. Louis Car Co., 8000 N. B'way, St. Louis, Mo.
South Baltimore Steel Car & Foundry Co. (Metal, Wood & Composite), Baltimore, Md., & 11 B'way, N. Y.
Standard Steel Car Co. (All Steel & Composite Steel and Wood), Frick bldg, Pittsburg, Pa., 170 B'way, N. Y. Works, Butler, Pa.
Sterlingworth Railway Supply Co. (Rolled Steel), North American bldg., Phila., Pa. Works, Easton, Pa.
Treadwell, M. H. & Co., 95 Liberty, N. Y.
Wason Mfg. Co., Brightwood, Mass.
Western Steel Car & Foundry Co., (Steel, Wood & Composite), Old Colony bldg, Chicago. Works, Hegewisch, Ill.
WONHAM - MAGOR ENGINEERING Works, 29 B'way, New York. (See adv. index, end of book)
Youngstown Car Mfg. Co., Frick bldg, Pittsburg, Pa. Works, Youngstown, O.

Cars (Gas Coke)

DAVIES, FRANK, Hennen bldg., New Orleans, La. (See adv. index, end of book)
FOCHT, GEO. SONS, 119 Adams, Hoboken, N. J. (See adv. index, end of book)
GREGG CO. (Ltd.), Newburgh, N. Y. (See adv. index, end of book.)
Hunt, C. W. Co., 45 B'way, New York. Works, W. New Brighton, S. I., N. Y.
KOPPEL, ARTHUR, 68 Broad, New York. (See adv. index, end of book)
LEAVITT, C. W. & CO., 15 Cortlandt, New York. (See adv. index, end of book)
Ramapo Iron Works, Hillburn, N. Y.; Niagara Falls, N. Y., & 170 B'way, New York
WONHAM - MAGOR ENGINEERING Works, 29 B'way, New York. (See adv. index, end of book)

Cars (Gondola)

Apex Equipment Co., 11 B'way, New York
American Equipment Co., Atlanta, Ga.
Cambria Steel Co., Johnston, Pa.
Continental Car & Equipment Co., 17 Battery pl., New York
Georgia Car & Mfg. Co., Savannah, Ga.
Hicks, F. M. (Hopper Coal), 277 Dearborn, Chicago

Cars (Hand Dump)

American Car & Foundry Co., 706 Chestnut, St. Louis, & 25 Broad, N. Y.
BUDA FOUNDRY & MFG. CO., Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
Clark, Geo. P. Co., (Push or Hand), Windsor Locks, Conn.
Continental Car & Equipment Co., 17 Battery pl, New York
DAVIES, FRANK, Hennen bldg., New Orleans, La. (See adv. index, end of book)
GREGG CO. (Ltd.), Newburgh, N. Y. (See adv. index, end of book)
KOPPEL, ARTHUR, 68 Broad, New York. (See adv. index, end of book)
LEAVITT, C. W. & CO., 15 Cortlandt, New York. (See adv. index, end of book)
Lebanon Mfg. Co., Lebanon, Pa.
Peacock's Iron Works, Selma, Ala.
Ramapo Iron Works, Hillburn, N. Y.; Niagara Falls, N. Y. & 170 B'way, New York
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
Sheffield Car Co. (Wood or Steel), Three Rivers, Mich.
South Baltimore Steel Car & Foundry Co., Baltimore, Md., & 11 B'way, N. Y.
Treadwell, M. H. & Co., 95 Liberty. N. Y.
Whitman Agricultural Co. (Wood). St. Louis.Mo.
WONHAM - MAGOR ENGINEERING Works, 29 B'way, New York. (See adv. (See adv. index, end of book.)

(Cars (Hand & Push)

American Car & Foundry Co., 706 Chestnut, St. Louis, & 25 Broad, N. Y.
Atlas Bolt & Screw Co., Cleveland, O.
Billmeyer & Small Co., York, Pa.
Brill, J. G. Co., 62d & Woodland av., Phila., Pa.
BUDA FOUNDRY & MFG. CO., Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
Butterworth & Lowe (Broad & Narrow Gauge), Grand Rapids, Mich.
Chattanooga Car & Foundry Co., Chattanooga, Tenn.
DAVIES, FRANK, Hennen bldg., New Orleans, La. (See adv. index, end of book)
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 103 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av., St. Louis; 1217 Union av., Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Georgia Car Co., Atlanta, Ga.
GREGG CO. (Ltd.), Newburgh, N. Y. (See adv. index, end of book)
Hunt, C. W. Co., 45 B'way, N. Y. Works, New Brighton, S. I., N. Y.
Kalamazoo Railway Supply Co. (Section), Kalamazoo, Mich.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
KOPPEL, ARTHUR, 68 Broad, New York. (See adv. index, end of book)
Lansing Wheelbarrow Co., Lansing, Mich.
LEAVITT, C. W. & CO., 15 Cortlandt, New York. (See adv. index, end of book)
Peacock's Iron Works (Iron & Steel), Selma, Ala.
Railway Cycle Mfg. Co., Hagerstown, Md.
Ramapo Iron Works, Hillburn, N. Y.; Niagara Falls, N. Y., & 170 B'way, New York
Roberts Car & Wheel Co., Three Rivers, Mich.
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
Sheffield Car Co. (Wood or Steel), Three Rivers, Mich.
South Baltimore Steel Car & Foundry Co., Baltimore, Md., & 11 B'way, New York
Vicksburg Mfg. Co., Vicksburg, Mich.
Whitman Agricultural Co. (Wood), 6900 S. B'way. St. Louis. Mo.
WONHAM - MAGOR ENGINEERING Works, 29 B'way, New York. (See adv. index, end of book)
Zelnicker, Walter A., Supply Co., 408 N 5th, St. Louis, Mo.; Mobile, Ala., & New Orleans, La.

Cars (Hot Metal or Slag)

Allis-Chalmers Co., New York Life bldg., Chicago, & 71 B'way, New York. Works, Chicago, Milwaukee, & Scranton, Pa.
American Car & Foundry Co., 706 Chestnut, St. St. Louis, Mo., & 25 Broad, New York

Atlas Bolt & Screw Co., Cleveland, O.
Byram Co. (Inc.), 435 Guoin, Detroit, Mich.
Carlin, W. J. Co., 25th & A. V. Ry., Pittsburg, Pa.
DAVIES, FRANK, Hennen bldg., New Orleans, La. (See adv. index, end of book)
Enterprise Boiler Co., Youngstown, O.
FOCHT, GEO. SONS, 119 Adams, Hoboken, N. J. (See adv. index, end of book)
GREGG CO. (Ltd.), Newburgh, N. Y. (See adv. index, end of book)
Jackson Mfg. Co., Harrisburg, Pa.
KOPPEL, ARTHUR, 68 Broad, New York. (See adv. index, end of book)
LEAVITT, C. W. & CO., 15 Cortlandt, New York. (See adv. index, end of book)
Penn Engineering Works, New Castle, Pa.
Pollock, Wm. B., Co. (Ladle), Youngstown, O.
Ramapo Iron Works, Hillburn, N. Y.; Niagara Falls, N. Y., & 170 B'way, New York
Sheffield Car Co., Three Rivers, Mich.
Treadwell, M. H. & Co., 95 Liberty, N. Y.
Union Foundry & Machine Co., Pittsburg, Pa.
Vulcan Iron Works, Wilkesbarre, Pittston, & Tamaqua, Pa.
Weimer Machine Works Co., Lebanon, Pa.
WHITING FOUNDRY EQUIPMENT CO., Harvey, Ill. (See adv. Index, end of
Whitman Agricultural Co., St. Louis, Mo. book
WONHAM - MAGOR ENGINEERING Works, 29 B'way, New York. (Sec adv. index, end of book)

Cars (Ingot)

Atlas Bolt & Screw Co. (Steel), Cleveland, O.
DAVIES, FRANK, Hennen bldg., New Orleans, La. (See adv. index, end of book)
FOCHT, GEO. SONS, 119 Adams, Hoboken, N. J. (See adv. index, end of book)
GREGG CO. (Ltd.), Newburgh, N. Y. (See adv. index, end of book)
Hunt, C. W. Co., 45 B'way, New York. Works, W. New Brighton, S. I., N. Y.
KOPPEL, ARTHUR, 68 Broad, New York. (See adv. index, end of book)
LEAVITT, C. W. & CO., 15 Cortlandt, New York. (See adv. index, end of book)
Sheffield Car Co. (Steel), Three Rivers, Mich.
Treadwell, M. H. & Co., 95 Liberty, N. Y.
WONHAM - MAGOR ENGINEERING Works, 29 B'way, New York. (See adv. index, end of book)

Cars (Industrial)

(See also Railways, Industrial.)

Allis-Chalmers Co., New York Life bldg., Chicoga; 71 B'way, New York. Works, Chicacago, Milwaukee & Scranton, Pa.
BUDA FOUNDRY & MFG. CO., Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
Catawissa Car & Foundry. Works, Catawissa, Pa.
DAVIES, FRANK, Hennen bldg., New Orleans, La. (See adv. index, of book)
FOCHT, GEO. SONS, 119 Adams, Hoboken, N. J. (See adv. index, end of book)
Fulton Pit Car Works, Canal, Fulton, O.
GREGG CO. (Ltd.), Newburgh, N. Y. (See adv. index, end of book)
Hunt, C. W. Co., 45 B'way, N. Y., & West New Brighton, S. I., N. Y.
KOPPEL, ARTHUR, 68 Broad, New York. (See adv. index, end of book)
LEAVITT, C. W. & CO., 15 Cortlandt, New York. (See adv. index, end of book
Ramapo Iron Works, Hillburn, N. Y.; Niagara Falls, N. Y., & 170 B'way, New York.
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (Sec adv. index, end of book)
STURTEVANT, B. F., CO. (Platform, Coal, Dump, Charging, etc.), Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S. Clinton, Chicago, Ill.; 135 N 3rd, Phila, Pa.; 131 Liberty, New York, & 147 Queen Victoria St., London, Eng. (See adv. index, end of book)
Treadwell, M. H. & Co., 95 Liberty, N. Y.
WONHAM - MAGOR ENGINEERING Works, 29 B'way, New York. (See adv. indcx, end of book)

Cars (Inspection)

American Car & Foundry Co., 706 Chestnut, St. Louis, Mo., & 25 Broad. New York
BUDA FOUNDRY & MFG. CO., Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
DAVIES, FRANK, Hennen bldg.. New Orleans, La. (See adv. index, end of book)
FAIRBANKS, MORSE & CO. Franklin & Monroe, Chicago, Ill.; Warchouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 103 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av., St. Louis; 1217 Union av., Kansas City, Mo., 234 E. 3d, St. Paul; 220 Nicolett av., Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E. London, Eng. (See adv. index, end of book)
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
KOPPEL, ARTHUR, 68 Broad, New York. (See adv. index, end of book)
LEAVITT, C. W. & CO., 15 Cortlandt, New York. (See adv. index, end of book)
Light Inspection Car Co., Hagerstown, Ind.
Olds Motor Works ("Olds Mobile"), Detroit, Mich, & Lansing, Mich.
Peacock's Iron Works, Selma, Ala.
Roberts Car & Wheel Co., Three Rivers, Mich.
Sheffield Car Co., Three Rivers, Mich.
WONHAM - MAGOR ENGINEERING Works, 29 B'way, New York. (See adv. index, end of book)

Cars (Ladle)

GREGG CO. (Ltd.), Newburgh, N. Y. (See adv. index, end of book)
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
Variety Iron Works Co., Cleveland, O.

Cars (Logging)

American Car & Foundry Co., 706 Chestnut, St. Louis, Mo., & 25 Broad, New York
American Locomotive Co., 25 Broad, N. Y., & Richmond, Va.
Apex Equipment Co., 11 B'way, New York
Billmeyer & Small Co., York, Pa.
Butterworth & Lowe, Grand Rapids, Mich.
Catawissa Car & Foundry Works, Catawissa, Pa.
Chattanooga Car & Foundry Co., Chattanooga, Tenn
Chicago Car & Locomotive Works, Fisher bldg., Chicago, Ill. Works, Hegewisch, Ill.
Cleveland Car Co., 148 Scranton av, Cleveland.
Climax Mfg. Co., Corry, Pa. O.
Continental Car & Equipment Co., 17 Battery pl, New York.
DAVIES, FRANK, Hennen bldg, New Orleans, La. (See adv. index, end of book)
Dilley Fdry. Co., Pine Bluff, Ark.
Dilley, Geo. M. & Son, Palestine, Tex.
Erie Car Works, Erie, Pa.
FAIRBANKS, MORSE & CO. Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 103 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3rd, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 21. W. Temple, Salt Lake City; 133 Liberty Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Georgia Car & Mfg. Co., Savannah, Ga.
GREGG CO. (Ltd.), Newburgh, N. Y. (See adv. index, end of book)
Hammond, J. & Co., 2d & Townsend, San Francisco, Cal.
Hicks, F. M., 277 Dearborn, Chicago
Holt Mfg. Co., Stockton, Cal.
Illinois Car & Equipment Co.. Old Colony bldg. Chicago, & 28 Broad, N. Y.
Kilby Locomotive & Machine Works, Anniston, Ala.
KOPPEL, ARTHUR, 68 Broad, New York. (See adv. index, end of book)
LEAVITT, C. W. & CO., 15 Cortlandt, New York. (See adv. index, end of book)
Lima Locomotive & Machine Co., Lima, O.
Marshall Car Wheel & Foundry Co., Marshall, Tex.
Mitshkun, M. Co. (Second-Hand), Chamber of Commerce. Detroit, Mich.
North Alabama Engineering Co. (for Pole Roads, etc.), New Decatur, Ala.
Peacock's Iron Works, Selma, Ala.
Ramapo Iron Works, Hillburn, N. Y.; Niagara Falls, N. Y., & 170 B'way, New York
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
South Baltimore Steel Car & Foundry Co., Baltimore, Md., & 11 B'way, N. Y.
Tredegar Co., Richmond, Va.
Union Iron Works Co., Selma, Ala.
WONHAM - MAGOR ENGINEERING Works, 29 B'way, New York. (See adv. index, end of book)

Cars (Mine)

Aetna Foundry & Machine Co., Springfield, Ill.
Allis-Chalmers Co., New York Life bldg., Chicago; 71 B'way, New York. Works, Chicago, Milwaukee & Scranton, Pa.
American Car & Foundry Co., 706 Chestnut, St. Louis, Mo., & 25 Broad, New York
Atlas Bolt & Screw Co., Cleveland, O.
Austin Mfg. Co., Manhattan bldg, Chicago, Ill. Works, Harvey, Ill.
Bartlett, A. F. & Co., Saginaw, Mich.
Belleville Pump & Skein Works, Belleville, Pa.
Billmeyer & Small Co., York, Pa.
Bloomsburg Car Mfg. Co., Bloomsburg, Pa.
BUDA FOUNDRY & MFG. CO., Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
Carlin, W. J. Co., 25th & A. V. Ry, Pittsburg, Pa.
Cambridge Mine Car Co. (Of Every Description), Cambridge, O.
Catawissa Car & Foundry Works, Catawissa, Pa.
Central Foundry & Car Co., Irvona, Pa.
Chattanooga Car & Foundry Co., Chattanooga, Tenn.
Cleveland Car Co., 148 Scranton av, Cleveland, O.
Connellsville Machine & Car Co., Connellsville, Pa.
CONTRACTORS SUPPLY & EQUIPment Co., Old Colony bldg, Chicago; 170 B'way, New York, & 509 W. 5th, Kansas City, Mo. (See adv. index, end of book)
Danville Foundry & Machine Co., Danville, Ill.
DAVIES, FRANK, Hennen bldg., New Orleans, La. (See adv. index, end of book)
Davis, F. M., Iron Works Co., 8th & Larimer, Denver, Colo.
Denver Engineering Works, Blake & 30th, Denver, Colo.
Eagle Iron Works (Coal & Ore), Terra Haute, Ind.
Ellison, Wm. & Sons Mfg. Co., 1020 N 6th St. Louis, Mo.
Exeter Machine Works, Pittston, Pa.
FAIRBANKS, MORSE & CO. (Wood & Steel), Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 103 Jefferson, Detroit; 519 Main, Louisville; 140 S Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3rd, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
FOCHT, GEO. SONS, 119 Adams, Hoboken, N. J. (See adv. index, end of
Globe Iron Works (Inc.), Stockton, Cal. book)
GREGG CO. (Ltd.), Newburgh, N. Y. (See adv. index, end of book)
Harman & Hassert, Bloomsburg, Pa.
Haskell & Barker Co., Michigan City, Ind.
Heimann, A. & Bro., Massillon, O.
Helmick Foundry & Machine Co., Fairmont, W. Va.
Hempfield Fdy. Co. (Ltd.), Greensburg, Pa.
Hendrie & Bolthoff Mfg. & Supply Co., 1625 17th, Denver, Col.
Herbertson's, J. Sons, Brownsville, Pa.
Herzler & Henninger, Belleville, Ill.
Hockensmith Wheel & Mine Car Co., Irwin, Pa.
Jackson Mfg. Co., Harrisburg, Pa.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Kenny & Co., Scottdale, Pa.
Kilby Locomotive & Machine Works, Anniston, Ala.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
KOPPEL, ARTHUR (Steel), 68 Broad, New York. (See adv. index, end of book)
Lansing Wheelbarrow Co. (Steel, etc.), Lansing, Mich.
LEAVITT, C. W. & CO., 15 Cortlandt, New York. (See adv. index, end of book)

Lehigh Car Wheel & Axle Works, Fullerton, Pa.
Lima Locomotive & Machine Co., Lima, O.
Litchfield Foundry & Machine Co., Litchfield, Ill.
Mine & Smelter Supply Co., Denver, Col.; 139 Liberty, New York; El Paso, Tex., & Salt Lake City, Utah
Monongahela Mfg. Co., Monongahela, Pa.
Montgomery, J. H. Machinery Co., 1220 Curtis, Denver, Colo.
Nelsonville Foundry & Machine Co., Nelsonville, O.
NEW JERSEY FOUNDRY & MACHINE CO., 15 Murray, N. Y. (See adv. index, end of book)
Niles Mine & Mill Supply Co., Cleveland, O., & Niles, O.
Ottumwa Iron Works, Ottumwa, Ia.
Peacock's Iron Works (Steel & Wood), Selma, Ala.
Phillips Mine & Mill Supply Co. (Steel & Wood), Pittsburg, Pa.
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
Pressed Steel Car Co. (Steel & Wooden with Steel Underframe), Pittsburg, Pa.
Prox & Brinkman Mfg. Co., Terre Haute, Ind.
Ramapo Iron Works, Hillburn, N. Y.; Niagara Falls, N. Y., & 170 B'way, New York
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
Sanford-Day Iron Works, Knoxville, Tenn.
Scott & Oliver Mfg. Co., Knoxville, Tenn.
Sheffield Car Co. (Steel & Wood),' Three Rivers, Mich.
South Baltimore Steel Car & Foundry Co., Baltimore, Md., & 11 B'way, N. Y.
Spicer Mfg. Co., New Philadelphia, O.
Star Mfg. Co., New Lexington, O.
Stine, S. B. & Son, Osceola Mills, Pa.
Stuebner, G. L. Iron Works, Long Island City, N. Y.
Treadwell, M. H. & Co., 95 Liberty, N. Y.
Truax Mfg. Co. (Jno. T. Plummer, Prop.) (Steel), 1725 Wazee, Denver, Colo.
Watt Mining Car Wheel Co., Barnesville, O.
Webster Camp & Lane Machine Co., Akron, O.
West Penn Foundry & Machine Co., Avonmore, Pa.
WONHAM - MAGOR ENGINEERING WORKS, 29 B'way, New York. (See adv. index, end of book)

Cars (Motor, Inspection)

FAIRBANKS, MORSE & CO. (Gasoline), Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water Cleveland; 103 Jefferson, Detroit; 519 Main, Louisville; 140 S Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3rd, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E. London, Eng. (See adv. index, end of book)
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Light Inspection Car Co., Hagerstown, Ind.
Sheffield Car Co. (Gasoline, etc.), Three Rivers, Mich.

Cars (Ore)

Allis-Chalmers Co., New York Life bldg., Chicago, Ill.; 71 B'way, New Yark. Works, Chicago, Milwaukee & Scranton, Pa.
American Car & Foundry Co., 706 Chestnut, St. Louis, Mo., & 25 Broad, New York
Apex Equipment Co., 11 B'way, New York
Atlas Bolt & Screw Co., Cleveland, O.
Carlin, W. J. Co., 25th & A. V. Ry, Pittsburg, Pa.
Cleveland Car Co., 148 Scranton av, Cleveland, O.
DAVIES, FRANK, Hennen bldg., New Orleans, La. (See adv. index, end of book)
Davis, F. M. Iron Works Co., 8th & Larimer, Denver, Colo.
Denver Engineering Works Co., Blake & 30th, Denver, Colo.
Eagle Iron Works, Terra Haute, Ind.
Erie Car Works, Erie, Pa.
FAIRBANKS, MORSE & CO. (Steel & Wood), Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 103 Jefferson, Detroit; 519 Main, Louisville; 140 S Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3rd, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.: 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
FOCHT, GEO. SONS, 119 Adams, Hoboken, N. J. (See adv. index, end of book)
Globe Iron Works (Inc.), (Truax Automatic), Stockton, Cal.
Goodwin Car Co., 96 5th av, New York
GREGG CO. (Ltd.), Newburgh, N. Y. (See adv. index, end of book)
Haskell & Barker Car Co., Michigan City, Ind.
Hendy, J. Machine Works, 38 Fremont, San Francisco, Cal.
KOPPEL, ARTHUR, 68 Broad, New York. (See adv. index, end of book)
LEAVITT, C. W. & CO., 15 Cortlandt, New York. (See adv. index, end of book)
Lehigh Car Wheel & Axle Works, Fullerton, Pa.
Mine & Smelter Supply Co., Denver, Col.; 139 Liberty, New York; El Paso, Tex., & Salt Lake City, Utah
Mt. Vernon Car Mfg. Co., Mt. Vernon, Ill.
National Iron Works (Inc.) (Steel), Spokane, Wash.
North Alabama Engineering Co., New Decatur, Ala.
Peacock's Iron Works (Steel & Wood), Selma, Ala.
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
Ramapo Iron Works, Hillburn, N. Y.; Niagara Falls, N. Y., & 170 B'way, New York
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
Sheffield Car Co., Three Rivers, Mich.
South Baltimore Steel Car & Foundry Co., Baltimore, Md., & 11 B'way, N. Y.
Stuebner, G. L. Iron Works, 162 to 170 3d, Long Island City, N. Y.
Truax Mfg. Co. (Jno. T. Plummer, Prop.), (Aumatic), 1725 Wazee, Denver, Colo.
Union Iron Works (Inc.), Spokane, Wash.
Watt Mining Car Wheel Co., Barnesville, O.
Weber Gas & Gasoline Engine Co., Kansas City, Mo.
WONHAM - MAGOR ENGINEERING Works, 29 B'way, New York. (See adv. index, end of book)

Cars (Passenger)

American Car & Foundry Co., 706 Chestnut, St. Louis, Mo., & 25 Broad, New York
Barney & Smith Car Co., Dayton, O.
Billmeyer & Small Co., York, Pa.
Bradley, Osgood & Sons, Worcester, Mass.
Brill, J. G. Co., 62d & Woodland av, Philadelphia, Pa.
Carter Bros., 220 Market, San Francisco, Cal.
DAVIES, FRANK, Hennen bldg., New Orleans, La.(See adv. index, end of book)
Hammond, Jno. & Co., 2d & Townsend, San Francisco, Cal.
Harlan & Hollingsworth Co. (Sleeping, Parlor, Dining, Baggage, Mail, etc.), Wilmington, Del.
HICKS, F. M., 277 Dearborn, Chicago
Jewett Car Co., Newark, O.
KOPPEL, ARTHUR, 68 Broad, New York. (See adv. index, end of book)
Laconia Car Co., 131 State, Boston, Mass. Works, Laconia, N. H.
Mitshkun, M. Co. (Second Hand), Chamber of Commerce, Detroit, Mich.
Niles Car & Mfg. Co., Niles, O.
Pullman Co., Pullman bldg, Chicago, & 15 Broad, New York
St. Louis Car Co., 8000 N B'way, St. Louis, Mo.
Stephenson, Jno. Co., Elizabeth, N. J.
United States Ship Building Co., 43 Cedar, N. Y.
Wason Mfg. Co., Brightwood, Mass.
WONHAM - MAGOR ENGINEERING Works, 29 B'way, New York. (See adv. index, end of book)

Cars (Pile Driver)

Mt. Vernon Car Mfg. Co., Mt. Vernon, Ill.

Cars (Pit)

Allis-Chalmers Co., New York Life bldg., Chicago; 71 B'way, New York. Works, Chicago, Milwaukee & Scranton, Pa.
United Iron Works Co., Springfield, Mo.

Cars (Plantation)

American Car & Foundry Co., 706 Chestnut, St. Louis, Mo., & 25 Broad, New York
Apex Equipment Co., 11 B'way, New York
Atlas Bolt & Screw Co., Cleveland, O.
Bodley Wagon Co., Memphis, Tenn.
Brill, J. G. Co., 62d & Woodland av, Philadelphia, Pa.
BUDA FOUNDRY & MFG. CO., Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
Chene & Atwater, Detroit, Mich. (See adv.
Chattanooga Car & Foundry Co., Chattanooga, Tenn.
Cleveland Car Co., 148 Scranton av, Cleveland, O.
Continental Car & Equipment Co., 17 Battery pl, New York
DAVIES, FRANK, Hennen bldg., New Orleans, Lo. (See adv. index, end of book)
FOCHT, GEO. SONS, 119 Adams, Hoboken, N. J. (See adv. index, end of book)
Georgia Car Co., Atlanta, Ga.
GREGG & CO. (Ltd.), Newburgh, N. Y. (See adv. index, end of book)
Hammond, Jno. & Co., 2d & Townsend, San Francisco, Cal.
Illinois Car & Equipment Co., Old Colony bldg, Chicago, Ill., & 28 Broad, N. Y.
Kalamazoo Railway Supply Co. (Cane), Kalamazoo, Mich.
Kilby Locomotive & Machine Works(Cane), Anniston, Ala.
KOPPEL, ARTHUR, 68 Broad, New York. (See adv. index, end of book)
LEAVITT, C. W. & CO., 15 Cortlandt, New York. (See adv. index, end of book)
Peacock's Iron Works (Steel & Wood), Selma, Ala.
Pioneer Iron Works, 151 William, B'k'lyn. N. Y.
Ramapo Iron Works, Hillburn, N. Y.; Niagara Falls, N. Y., & 170 B'way, New York
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
Sheffield Car Co., Three Rivers, Mich.
South Baltimore Steel Car & Foundry Co., Baltimore, Md., & 11 B'way, N. Y.
Turl's, Jno. Sons (Inc.), 543 W 28th, New York
WONHAM - MAGOR ENGINEERING Works, 29 B'way, New York. (See adv. index, end of book)

Cars (Plate & Sheet Mill)

Atlas Bolt & Screw Co. (Steel), Cleveland, O.
Cleveland Car Co., Cleveland, O.
DAVIES, FRANK, Hennen bldg., New Orleans, La. (See adv. index, end of book)
FOCHT, GEO. SONS, 119 Adams, Hoboken, N. J. (See adv. index, end of book)
GREGG & CO. (Ltd.), Newburgh, N. Y. (See adv. index, end of book)
Hunt, C. W. Co., 45 B'way, New York. Works, W New Brighton, S. I., N. Y.
Jackson Mfg. Co., Harrisburg, Pa.
KOPPEL, ARTHUR, 68 Broad, New York. (See adv. index, end of book)
LEAVITT, C. W. & CO., 15 Cortlandt, New York. (See adv. index, end of book)
Sheffield Car Co. (Steel), Three Rivers, Mich.
WONHAM - MAGOR ENGINEERING Works, 29 B'way, New York. (See adv. index, end of book)

Cars (Pole Road)

Butterworth & Lowe, Grand Rapids, Mich.
North Alabama Engineering Co., New Decatur, Ala.
South Baltimore Steel Car & Foundry Co., Baltimore, Md., & 11 B'way, N. Y.

Cars (Refrigerator)

Erie Car Works, Erie, Pa.
Hicks, F. M. 277 Dearborn, Chicago
Mt. Vernon Car Mfg. Co., Mt. Vernon, Ill.

Cars (Second-Hand)

(See also Railroad Equipments, Second Hand.)
Chicago Car & Locomotive Works, Fisher bldg., Chicago, Ill. Works, Hegewisch, Ill.
Fitz-Hugh-Luther Co. (Passenger & Freight), Monadnock blk, Chicago
Hicks, F. M., 277 Dearborn, Chicago
Males Co., Traction bldg., Cinn., O., & 256 B'way, New York.

New York Equipment Co., 18 B'way, N. Y.
Mitshkun, M. Co. (Second Hand), Chamber of Commerce, Detroit, Mich.
SHAW, WILLIS (Dumping. Flat, etc.), 171 Lasalle, Chicago. (See adv. index, end of book)
WONHAM - MAGOR ENGINEERING Works, 29 B'way, New York. (See adv. index, end of book)

Cars (Shop)

DAVIES, FRANK, Hennen bldg., New Orleans, La. (See adv. index, end of book)
GREGG & CO. (Ltd.), Newburgh, N. Y. (See adv. index, end of book)
Hunt, C. W. Co., 45 B'way, New York. Works, West New Brighton, S. I., N. Y.
KOPPEL, ARTHUR, 68 Broad, New York. (See adv. index, end of book)
LEAVITT, C. W. & CO., 15 Cortlandt, New York. (See adv. index, end of book)
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
WONHAM - MAGOR ENGINEERING Works, 29 B'way, New York. (See adv. index, end of book)

Cars (Spreader)

Western Wheeled Scraper Co., Aurora, Ill.

Cars (Sprinkling, Street Railway)

American Car Sprinkler Co., Worcester, Mass.
Brill, J. G. Co., 62d & Woodland av, Phila., Pa.
McGuire Mfg. Co., 122 Sangamon, Chicago
Smith & Wallace (Electric), Woburn, Mass.
Taunton Locomotive Mfg. Co., Taunton, Mass.

Cars (Steam Shovel)

Cleveland Car Co., Cleveland, O.
Marion Steam Shovel Co., Marion, Ohio
South Baltimore Steel Car & Foundry Co., Baltimore, Md., & 11 B'way, N. Y.

Cars (Steel)

American Car & Foundry Co., 706 Chestnut, St. Louis, Mo., & 25 Broad, New York
American Steel Foundry Co., 509 Olive, St Louis, Mo., & 71 B'way, N. Y. Works Granite City, Ill.
Cleveland Car Co., Cleveland, O.
FOCHT, GEO. SONS, 119 Adams, Hoboken, N. J. (See adv. index, end of book)
Goodwin Car Co., 96 5th av, New York
GREGG & CO. (Ltd.), Newburgh, N. Y. (See adv. index, end of book)
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lima Locomotive & Machine Co. (Steel Dump), Lima, Ohio
Pressed Steel Car Co. (Rolled Steel), Pittsburg, Pa.
Ramapo Iron Works, Hillburn, N. Y.; Niagara Falls, N. Y., & 170 B'way, New York
South Baltimore Steel Car & Foundry Co., Baltimore, Md., & 11 B'way, N. Y.
Standard Steel Car Co., Frick bldg, Pittsburg, Pa., & 170 B'way, N. Y. Works, Butler, Pa.
Sterlingworth Railway Supply Co. (Rolled Steel, All Kinds), North American bldg, Phila., Pa. Works, Easton, Pa.
Wellman-Seaver-Morgan Co., Cleveland, O., & Akron, O.
Western Steel Car and Foundry Co., Old Colony bldg, Chicago

Cars (Steel Mining or Dump)

American Car & Foundry Co., 706 Chestnut, St. Louis, Mo., & 25 Broad, New York
Atlas Bolt & Screw Co., Cleveland, O.
Continental Car & Equipment Co., 17 Battery pl, N. Y.
FOCHT, GEO. SONS, 119 Adams, Hoboken, N. J. (See adv. index, end of book)
GREGG & CO. (Ltd.), Newburgh, N. Y. (See adv. index, end of book)
Jackson Mfg. Co. (Side & End Dump), Harrisburg, Pa.
KOPPEL, ARTHUR, 68 Broad, New York. (See adv. index, end of book)
Lansing Wheelbarrow Co., Lansing, Mich.
LEAVITT, C. W. & CO., 15 Cortlandt, New York. (See adv. index, end of book)
Lima Locomotive & Machine Co., Lima, O.
Phillip's Mine & Mill supply Co., Pittsburg, Pa.
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
Ramapo Iron Works, Hillburn, N. Y.; Niagara Falls, N. Y., & 170 B'way, New York
RUSSELL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
Sheffield Car Co., Three Rivers, Mich.
South Baltimore Steel Car & Foundry Co., Baltimore, Md., & 11 B'way, N. Y.
Standard Mfg. Co., 39 Cortlandt, N. Y.
Standard Steel Car Co. (All Steel & Composite Steel and Wood, Freight), Frick bldg, Pittsburg, Pa., 170 B'way, N. Y. Works, Butler, Pa.
Treadwell, M. H. & Co., 95 Liberty, N. Y.
Truax Mfg. Co. (Jno. T. Plummer, Prop.), 1725 Wazee, Denver, Col.
WONHAM - MAGOR ENGINEERING Works, 29 B'way, New York. (See adv. index, end of book)

Cars (Street & Electric)

American Car Co., Old Manchester rd, St. Louis, Mo.
American Car & Foundry Co., 706 Chestnut, St. Louis, Mo., & 25 Broad. New York
Barney & Smith Car Co., Dayton, O.
Bradley, Osgood & Sons, Worcester, Mass..
Briggs Carriage Co., Amesbury, Mass.
Brill, J. G. Co., 62d & Woodland av, Phila., Pa.
Brownell Car Co., 219 N B'way, St. Louis, Mo.
Carter Bros., San Francisco, Cal.
Hammond, Jno. & Co., 2d & Townsend, San Francisco, Cal.
Jewett Car Co., Newark, O.
Jones', J. M. Sons, Watervliet, N. Y.
Kuhlman, G. C. Car Co., Collinwood, O.
Laclede Car Co., 4500 N. 2d, St. Louis, Mo.
Laconia Car Co., 131 State, Boston, Mass. Works, Laconia. N. H.
National Electric Co., Union Trust bldg, Detroit, Mich.
Newburyport Car Mfg. Co., Newburyport, Mass.
Niles Car & Mfg. Co., Niles. O.
Prouty-Pierce Locomotive Mfg. Co. (Gasoline). Kansas City, Kan.
Pullman Co., Pullman bldg, Chicago, Ill., & 15 Broad, N. Y.
St. Louis Car Co., 8000 N B'way, St. Louis, Mo. N. Y., & Elizabeth, N. J.
Stephenson, John, Co. (Inc.), 27 Pine, New York, & Elizabeth, N. J.
Union Electric Construction Co., The Bourse, Phila., Pa.
Victor Electric Co., Cleveland, O.
Wason Mfg. Co., Brightwood, Mass.
Wells & French Co., Chicago, Ill.

Cars (Sugar Cane)

(See Cars, Plantation.)

Cars (Tank)

Bettendorf Axle Co., Davenport, Ia.
Bryan, E. A. Co., 1st Natl. B'k bldg., Chicago, Ill. Works, Harvey, Ill.
Erie Car Works, Erie, Pa.
Hicks, F. M., 277 Dearborn, Chicago
Pressed Steel Car Co., Pittsburg, Pa.

Cars (Track Laying)

BUDA FOUNDRY & MFG. CO., Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleve- 307 Walnut, Cincinnati; 99 Water, Cleveland; 103 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3rd, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
GREGG & CO. (Ltd.), Newburgh, N. Y. (See adv. index, end of book)
KOPPEL, ARTHUR, 68 Broad, New York. (See adv. index, end of book)
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Peacock's Iron Works, Selma, Ala.
Ramapo Iron Works, Hillburn, N. Y.; Niagara Falls, N. Y., & 170 B'way, New York
Roberts Car & Wheel Co., Three Rivers, Mich.
Sheffield Car Co., Three Rivers, Mich.
South Baltimore Steel Car & Foundry Co., Baltimore, Md., & 11 B'way, N. Y.
WONHAM - MAGOR ENGINEERING Works, 29 B'way, New York. (See adv. index, end of book)

Cars (Traction Engine)

Electric Wheel Co. (Heavy Truck Cars), Quincy, Ill.

Cars (Train)

GREGG & CO. (Ltd.), Newburgh, N. Y. (See adv. index, end of book)

Cars (Tram)

Bodley Wagon Co. (For Sugar Plantations), Memphis, Tenn.
GREGG & CO. (Ltd.), Newburgh, N. Y. (See adv. index, end of book)
KOPPEL, ARTHUR, 68 Broad, New York. (See adv. index, end of book)
North Alabama Engineering Co., New Decatur, Ala.
Peacock's Iron Works, Selma, Ala.
Ramapo Iron Works, Hillburn, N. Y.; Niagara Falls, N. Y., & 170 B'way, New York
Sheffield Car Co., Three Rivers, Mich.
South Baltimore Steel Car & Foundry Co., Baltimore, Md., & 11 B'way, N. Y.
Truax Mfg. Co. (Jno. T. Plummer, Prop.), 1725 Wazee, Denver, Colo.
Union Iron Works (Inc.), Spokane, Wash.
WONHAM - MAGOR ENGINEERING Works, 29 B'way, New York. (See adv. index, end of book)

Cars (Transfer)

Bonnot Co. (Double Transfer), Canton, O.
GREGG & CO. (Ltd.), Newburgh, N. Y. (See adv. index, end of book)
Hathorn Foundry & Machine Co., Mason City, Iowa
KOPPEL, ARTHUR, 68 Broad, New York. (See adv. index, end of book)
Peacock's Iron Works, Selma, Ala.
Pioneer Iron Works, William & King, Brooklyn, N. Y.
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
Sheffield Car Co. (Steel), Three Rivers, Mich.
Treadwell, M. H. & Co., 95 Liberty, N. Y.
WONHAM - MAGOR ENGINEERING WORKS, 29 B'way, New York. (See adv. index, end of book)

Cars (Trolley Repair)

Sheffield Car Co., Three Rivers, Mich.
South Baltimore Steel Car & Foundry Co., Baltimore, Md., & 11 B'way, N. Y.

Cars (Tunnel)

GREGG & CO. (Ltd.), Newburgh, N. Y. (See adv. index, end of book)
KOPPEL, ARTHUR, 68 Broad, New York. (See adv. index, end of book)
WONHAM - MAGOR ENGINEERING WORKS, 29 B'way, New York. (See adv. index, end of book)

Cars (Velocipede)

BUDA FOUNDRY & MFG. CO., Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
Butterworth & Lowe (Narrow & Standard Gauge), Grand Rapids, Mich.
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, Louland; 103 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E. 3rd St., St. Paul, 220 Nicollet av., Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Fran-

cisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Light Inspection Car Co., Hagerstown, Ind.
Roberts Car & Wheel Co. (3 & 4-Wheel), Three Rivers, Mich.
Sheffield Car Co., Three Rivers, Mich.
Starbuck's Sons Co., Mattoon, Ill.

Cars (Velocipede, Gasoline Motor)

FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.: Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 103 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3rd, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Sheffield Car Co., Three Rivers, Mich.

Cars (Warehouse & Factory)

(See Trucks, Store, Warehouse, Etc.)

Cars (Wrecking)

(See Cranes, Wrecking.)

Cartridge Mfrs.

Austin Cartridge Co., Cleveland, O.
Chamberlain Cartridge & Target Co., Cleveland, O.
Peters Cartridge Co., Cincinnati, O.
Union Metallic Cartridge Co. ("U. M. C."), 313 B'way, New York; 88 1st, San Francisco, Cal. Factory, Bridgeport, Conn.
U. S. Cartridge Co., Lowell, Mass.
Winchester Repeating Arms Co., New Haven, Conn.

Carts (Barrel)

(See Carts, Hand & Barrel)

Carts (Coal)

Bodley Wagon Co., Memphis, Tenn.
Lansing Wheelbarrow Co., Lansing, Mich.
Milburn Wagon Co., Toledo, O.

Carts (Concrete)

RANSOME CONCRETE MACHINERY CO., 11 B'way, New York. (See adv. index, end of book)

Carts (Dumping)

(See also Wagons, Dumping.)

Ames Plow Co., Quincy Hall, Boston.
Austin, Tomlinson & Webster Mfg. Co., Jackson, Mich.
Bodley Wagon Co., Memphis, Tenn.
Bugbee, Chas. L., Hartford, Vt.
Colfax Mfg. Co., South Bend, Ind.
Electric Wheel Co., Quincy, Ill.
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 103 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3rd, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Fish Bros., Wagon Co., Racine, Wis.
Great Western Mfg. Co., Leavenworth, Kan.
Harrison Wagon Co., Grand Rapids, Mich.
Hill, Thos. (Steel), 312 Henderson, Jersey City, N. J.
Horton Mfg. Co. (Brick Yard), Painesville, O.
Kentucky Wagon Mfg. Co., 3d cor K, Louisville, Ky.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Wheelbarrow Co., Lansing, Mich.
Luedinghaus-Espenschied Wagon Co., St. Louis, Mo.
Milburn Wagon Co., Toledo, O.
Mitchell & Lewis Co., Racine, Wis.
Owensboro Wagon Co., Owensboro, Ky.
Sanford, A. Logging Tool Co., Oshkosh, Wis.
Schuttler & Hotz, 22d & Rockwell, Chicago
Senderling Mfg. Co., 540 Grand, Jersey City, N. J.
Sherman, I. N. W., 316 5th av, Chicago
Smith & Sons Mfg. Co., Kansas City, Mo.
Studebaker Bros. Mfg. Co., South Bend, Ind.; New York & Chicago
Sweet, B. F. & H. L. Co., Fon-du-Lac, Wis.
Warren, C. A. & Co., San Francisco, Cal.
Watson Wagon Co., Canastota, N. Y.
Wellington Machine Co. (Brick, etc.), Wellington, O.
Western Wheeled Scraper Co., Aurora Ill.
White Hickory Wagon Mfg. Co., 47 S Broad, Atlanta, Ga.
Winona Wagon Co., Winona, Minn.
Wright, Thos. Co., Jersey City, N. J.

Carts (Garbage)

(See Wagons, Garbage, etc.)

Carts (Hand and Barrel)

Arnold, D. J. C., New London, O.
Belle City Mfg. Co., Racine, Wis.
Gendron Wheel Co., Toledo, O.
Hayes Pump & Planter Co., Galva, Ill.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Wheelbarrow Co., Lansing, Mich.
Patten, Frank C. Co., Sycamore, Ill.
Puffer-Hubbard Mfg. Co. (Steel Frames), Minneapolis, Minn.
Sandwich Mfg. Co., Sandwich, Ill.
Studebaker Bros. Mfg. Co., South Bend, Ind.; New York & Chicago
Syracuse Chilled Plow Co., Syracuse, N. Y.
Vicksburg Mfg. Co., Vicksburg, Mich.
Whitehurst, R. W. Co., Norfolk, Va.

Carts (Hand, Street Sweeping)

Acme Road Machinery Co., Frankfort, N. Y.

Carts (Hose)

(See Hose Carriages & Carts.)

Carts (Linemen's)

(See also Wagons, Linemen's; also Cars, Trolley Repair.)
Dicke Tool Co., Downers Grove, Ill.
Whalen, J. B. Co., Sycamore, Ill.

Carts (Logging)

Bodley Wagon Co. Memphis, Tenn.
Lansing Wheelbarrow Co., Lansing, Mich.
Sanford, A. Logging Tool Co., Oshkosh, Wis.
Schwartz, Jos. Co. (Ltd.), New Orleans, La.
Southern Supply Co. Mobile, Ala.
White, F. W., Pearl River, La.
Zelnicker, Walter A. Supply Co., 408 N 4th, St. Louis, Mo.; Mobile, Ala., & New Orleans, La.

Carts (Lumber)

Archer Iron Works (All Kinds), 34th pl & S Western av boul., Chicago
Overpack, S. C. (also Mill & Salt Carts), Manistee, Mich.

Carts (Railroad)

Ames Plow Co., Quincy Hall, Boston, Mass.
Bain Wagon Co., Kenosha, Wis.
Bodley Wagon Co., Memphis, Tenn.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Luedinghaus-Espenschied Wagon Co., 1713 N B'way, St. Louis, Mo.
Studebaker Bros. Mfg. Co., South Bend, Ind.; New York & Chicago

Carts (Road Spreading)

American Road Machine Co. (For Spreading Road Materials for Macadam Roads), Kennett Square, Pa.
Good Roads Machinery Co., Kennett Square, Pa.
Port Huron Engine & Thresher Co. (also Wagons),, Port Huron, Mich.

Carts (Sprinkling)

(See also Street Sprinkling Carts & Wagons.)

Lansing Wheelbarrow Co., Lansing, Mich.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Studebaker Bros. Mfg. Co., South Bend, Ind.; New York & Chicago
Watson Wagon Co., Canastota, N. Y.
Watson Wooden Tank Co., 418 3d av, Pittsburg, Pa.

Carts (Transfer)

Bodley Wagon Co. (up to 14 feet Height of Wheels), Memphis, Tenn.

Carvers, Stone

CHURCH ART WORK CO., 253 4th av N. Y. (See adv. index, end of book)
Ellin, Kitson & Co., 25th & N. R., N. Y.
Entress, Albert, 187 Main, Hartford, Conn,
Evans, John & Co., 77 Huntington av, Boston, Mass.
Kerr, Jas. M., 443 W 19th, New York
King, E. C. & Son (Arch'l also Modelers), Westerly, R. I.
Lauter, Chas., 505 W 45th, New York.
Miranda, Fernando, 519 W 21st, New York.
Nygard, Alfred F., 68 Cass, Detroit, Mich.
Phelps, Richard B., 439 Del. av N E, Washington, D. C.
Richard, Louis (Arch'l), 110 West End av, New York
Schellentrager, Louis F., 16 Scovill av, Cleveland, O.
Schroeder, F. & H., c Linn & Betts, Cincinnati, O.
SEIFERT, FRANK A., PLASTIC RELIEF CO., 2646 Lawton av, St. Louis, Mo. (See adv. index, end of book)
Smith, Jos. & Co., 428 E. 23d, N. Y.
Van Malderen, F., 5th av & Jumonville, Pittsburg, Pa.
Whitman, J. Franklin Co., 212 S 5th, Phila., Pa.

Carvers, Wood (Classic)

American Carving & Mfg. Co., 900 Granville av, Grand Rapids, Mich.
Anderhub, Anton, 65 15th av, Newark, N. J.
ARCHITECTURAL DECORATING CO., 204 Illinois, Chicago, Ill. (See adv. index, end of book)
Bailey Co., 224 21st, Detroit, Mich.
Brown, Orrin L., 136 Dorrance, Providence, R. I.
BUEHNER, A. & CO., 220 N 2d, St. St. Louis, Mo. (See adv. index, end of book)

Buffalo Grille Co., 270 Court, Buffalo, N. Y.
CHURCH ART WORK CO., 253 4th av, N. Y. (See adv. index, end of book)
DECORATORS' SUPPLY CO., 209-219 S Clinton, Chicago. (See adv. index, end of book)
Dowler, Charles, 33 Eddy, Providence, R. I.
Dux, Jos., 132 W Jackson boul, Chicago, Ill.
Dorn, Wm. J., 268 Market, Newark, N. J.
Eastman & Johnstone, 1815 Pine, St. Louis, Mo.
Ellin, Kitson & Co., 13th av, cor W 25th, N. Y.
EMMEL, CHARLES, 383 Albany, Boston
Evans, John & Co., 77 Huntingdon av, Boston, Mass.
Fowle, Herbert, 43 Bristol, Boston, Mass.
Grill, G. & Co., 603 E Fayette, Baltimore, Md.
Gossert, Henry, 320 Harmony, Phila., Pa.
Grand Rapids Carved Moulding Co., Grand Rapids, Mich.
Grand Rapids Wood Carving Co., Grand Rapids, Mich.
Haigermoser, Jos., 250 Randolph, Detroit, Mich.
Hake Mfg. Co. (Hand), Grand Rapids, Mich.
Hartmann, John 13 N Jefferson, Chicago, Ill.
Holmes, Jos., 655 E 6th, Boston, Mass.
Lamb, J. & R., 59 Carmine, N. Y.
MILWAUKEE ORNAMENTAL CARVING CO., 423 Poplar, Milwaukee, Wis. (See adv. index, end of book)
Nelson, C. T. Co., 323 Dublin av, Columbus, O.
Nygard, Alfred F., 68 Cass, Detroit, Mich.
Pierce, W. E. & Co., Milford, N. H.
Pride, Willis A., 43 Bristol, Boston, Mass.
Richard, Louis, 110 West End av, N. Y.
Schellentrager, Louis F., 16 Scovill av, Cleveland, O.
Schneider, F. H., 439 E Water, Syracuse, N. Y.
SEIFERT, FRANK A., PLASTIC RELIEF CO., 2646 Lawton av, St. Louis, Mo. (See adv. index, end of book)
Sleep, Elliott & King Co., 351 Cambridge, Boston, Mass.
Stearns, A. T., Lumber Co., Neponset, & 166 Devonshire, Boston
Thomas & Co., Worcester, Mass.
Van Malderen, F., Ann & Jumonville, Pittsburg, Pa.
Waddell Mfg. Co., Grand Rapids, Mich.
Whitman, J. Franklin Co., 212 S 5th, Phila., Pa.

Case Hardening

(See also Compounds, Case Hardening & Tempering)

CROSBY CO., 177-187 Pratt, Buffalo, N. Y. (See adv. index, end of book)
Durbrow & Hearne Mfg. Co., 12 Wooster, New York
Dyson, Jos. & Son (also Annealing & Carbonizing), Cleveland, O.

Case Hardening (Custom)

COES, LORING, & CO. (Inc.), Worcester, Mass (See adv. index, end of book)

Cases (Steel Bottle)

Am. Steel Package Co., Defiance, O.

Cash Carriers

Acme Cash Railway Co. ("Acme," Basket or Parcel Carriers), New Haven, Conn.
Barr Cash & Package Carrier Co., Mansfield, O.
Bostedo Pneumatic Tube Co., 159 LaSalle, Chicago, Ill.
Burgess, E. A. (Est. of) (also Bundle Carriers), New Haven, Conn.
Chicago Cash Carrier Co., 26 W. Randolph, Chicago, Ill.
Lamson Consolidated Store Service Co., 161 Devonshire, Boston, Mass.; 1269 B'way, N. Y.; 159 LaSalle, Chicago, Ill., & Lowell, Mass.
Mansfield Cash & Package Carrier Co., Mansfield, O.
Martin Cash Carrier Co., 161 Devonshire, Boston
Pearsall Pneumatic Tube & Power Co., 52 B'way, N. Y.

Cash Drawers.

Fernald Mfg. Co., North East, Pa.

Casing (Steam Pipe)

American District Steam Co., Lockport, N. Y.
New England Brazing Co., Stoneham, Mass.

Casings (Metal)

DAHLSTROM METALLIC DOOR CO., Jamestown, N. Y., & 149 B'way, N. Y. (See adv. index, end of book)

Cast Iron Brazing

Ferrofix Brazing Co., 2024 Cuthbert, Phila., Pa.
Moore & Munger Co., 602 W. 52d, New York
New York Brazing Co., 797 G'wich, New York
STANDARD BRAZING CO., 131 State, Boston, Mass.

Cast Iron Fittings (Green House)

(See Fittings Cast Iron, Green House).

Cast Iron Pipe (High Pressure)

Coldwell-Wilcox Co. (for Steam or Hot Water), Newburg, N. Y.

Cast Iron Pipe Mfrs. (Gas & Water)

American Car & Foundry Co. (3 to 16-inch), 706 Chestnut, St. Louis, Mo., & 25 Broad, New York
Builders' Iron Foundry, (also Fittings of all Kinds for same), Providence, R. I.
Clow, James B. & Sons (2 to 48-inch), Chicago, Ill.
Colorado Fuel & Iron Co. (3 to 24-inch), Denver, Colo., & 71 B'way, N. Y.
Dimmick Pipe Co., Birmingham, Ala.
Donaldson Iron Co. (1½ to 20-inch), Emaus, Pa., and Betz bldg., Philadelphia, Pa.
Drummond, M. J. & Co., 182 B'way, N. Y.
Fox, Jno. & Co. (Mfrs. Agts.), 253 B'way, N. Y.
Glamorgan Pipe & Foundry Co. (1½ to 36-inch), Lynchburg, Va.
Lynchburg Foundry Co., Lynchburg, Va.
Massillon Iron & Steel Co. (Also Flange Pipe & Fittings), Massillon, O.
Oregon Iron & Steel Co. (4 to 32-inch), Portland, Ore. Works, Oswego, Ore.
Reading Foundry Co. (3 to 48-inch), Reading, Pa.
U. S. Cast Iron Pipe & Foundry Co. (Gas & Water) (3 to 72-inch), 80 B'way, N. Y.; Rookery bldg., Chicago; Land Title bldg., Phila., Pa., & Chattanooga, Tenn.
Utica Pipe Foundry Co. (3 to 30-inch), Charles Millar & Son, Selling Agents, Utica, N. Y.
Warren Foundry & Machine Co. (3 to 48-inch), Phillipsburg, N. J., & 170 B'way, N. Y.
Wood, R. D. & Co. (1 to 72-inch), 400 Chestnut, Phila., Pa.

Cast Iron Soil Pipe & Fittings Mfrs.

(For Jobbers of These Goods, See Plumbers' Supplies, Jobbers).

Abendroth Bros. (Corp.), (2 to 8-inch), 109 Beekman, N. Y.
American Foundry & Pipe Co. (3 to 12-inch), Frick bldg., Pittsburg, Pa. Works Penn Station, Pa.
American Soil Pipe & Foundry Co., Bessemer, Ala.
Bessemer Soil Pipe Co., Bessemer, Ala.
Birmingham Pipe & Casting Co. (2 to 12-inch), Birmingham, Ala.
Caldwell, E. R. & Co. (Fittings only), Bradford, Pa.
Carroll Iron Works, 719 Carroll av, Chicago, Ill.
Cedar Rapids Pump Co., Cedar Rapids, Iowa.
Central Foundry Co. (All Sizes), 116 Nassau, New York
Charlotte Pipe & Foundry Co., Charlotte, N. C.
Chattanooga Pipe & Foundry Co., Chattanooga, Tenn.
Columbian Foundry Co., Duck & Newtown Creek, Brooklyn, N. Y.
Colwell Lead Co., 63 Centre, New York
Crown Casting Co. (up to 8-inch), Jackson, O.
Enterprise Foundry Co., 48 Olean, Rochester, N. Y.
Essex Foundry, Newark, N. J.
Estabrook's, R. Sons, 204 W. 1st, S. B., Boston, Mass.
Franklin Foundry Co., 1155 S Paulina, Chicago
Gadsden Pipe & Foundry Co., Gadsden, Ala.
Glenn Mfg. Co. (Extra Heavy Pipe Only & Complete Line of Fittings, Standard & Heavy), St. Charles, Ill.
Haines, Jones & Cadbury Co., 1136 Ridge av., Phila., Pa.
Hallman, Oliver, Mont Clare, Pa.
Hercules Iron & Supply Co., Commercial & Hanover, Boston, Mass., & Anniston, Ala.
Independent Foundry Co., Lancaster, Pa.
Iowa Mfg. Co., Oskaloosa, Ia.
McVay & Walker, Braddock, Pa.
Medina Foundry Co., Medina, N. Y.
Michigan Heater Co., Big Rapids, Mich.
Mott, J. L. Iron Works, 88 Beekman, N. Y.
National Foundry Co. (2 to 10-inch) 32 Sanford, Brooklyn, N. Y.
Nelson, N. O. Mfg. Co., 8th & St. Charles, St. Louis, Mo.
North Western Foundry & Supply Co., Orleans, nr. Grand boul, Detroit, Mich.
Reading Scale & Machine Co. (Extra Heavy), Reading, Pa.
Ronalds & Johnson Co. (2 to 15-inch), 51 Boerum pl., Brooklyn, N. Y.; 54 Cliff, N. Y., & 141 7th, Phila., Pa.
Seattle Supply Co., Seattle, Wash.
Tacony Iron Co., 713 Chestnut, Phila., Pa.
Utica Pipe Foundry Co. (2 to 6-inch), Charles Millar & Son Co., Selling Agents, Utica, N. Y.
Wetter, H. Mfg. Co., Memphis, Tenn. Works, S. Pittsburg, Tenn.
Wolff, L. Mfg. Co. (2 to 12-inch), 117 W. Lake, Chicago, Ill.; Denver, Colo.

Casters

Acme Ball Bearing Caster Co., Chappaqua, N. Y.
Clark Caster Co., Plainville, Conn.
Clarke, Geo. P. Co. (Anti-Friction), Windsor Locks, Conn.
Coleman Hardware Co. (Ball Bearing Furniture, Stoves, Etc.), 59 Dearborn, Chicago
Duer, Jno. & Sons (Furniture), Baltimore, Md.
Foster, Merriam & Co. (Of Ecvery Description), Meriden, Conn.
Gunn, W. S. & Son (Furniture, Etc.), Grand Rapids, Mich.
Hardware Supply Co. (Furniture, etc.), Grand Rapids, Mich.
Johnston & Sharp Mfg. Co. (Ball-Bearing Furniture Rollers), Ottumwa, Ia.
Loeffeholz & Co. ("Nonesuch" Furniture & Trunk Rollers), Milwaukee, Wis.
Michigan Stove & Caster Co. (Furniture, etc.), Grand Rapids, Mich.
National Caster Co. (Piano, Refrigerator, etc.), Hamilton, O.
National Supply Co. (Furniture, Bed, etc.), 7 W Lonebard, Baltimore, Md.
Nickel Mfg. Co. ("Stamped Steel Grip Neck"), Morris, Ill.
Phoenix Caster Co. (Furniture, etc.), Indianapolis, Ind.
Schriver, O. P. & Co. ("Common Sense Anti Friction Furniture & "Hercules" Truck Cast & Malleable Iron), 208 Elm, Cincinnati, O.
Schenck, M. B. Co. ("Yale & Gem," Roller Bearing Furniture & Truck), Meriden, Conn
Stengel Mfg. Co. (Furniture, etc.), Hamilton, O.
Tucker & Dorsey Mfg. Co. ("Martin," "Tucker," "Boss" & "Stengel," Furniture, Casters), Indianapolis, Ind.

Universal Caster & Foundry Co. (Ball-Bearing Piano, Bedstead, Furniture, etc.), 1170 B'way, New York. Factory, Newark, N. J.
Wrightsville Hardware Co. (Furniture, Etc.), Wrightsville, Pa.

Casters (Truck)

Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Wheelbarrow Co., Lansing, Mich.
National Caster Co. (Casters & Wheels, Rubber Tired), Hamilton, O.
Reading Hardware Co., Reading Pa.; 96 Reade, N. Y.; Phila., Pa., & Chicago
Tatum, Sam'l C. Co., 414 W Water, Cincinnati, O.
Tucker & Dorsey Mfg. Co. (Also Furniture, Etc.), Indianapolis, Ind.
Universal Caster & Foundry Co., 170 B'way, New York. Factory, Newark, N. J.

Casters & Wheels (Rubber Tired)

Continental Rubber Works, Erie, Pa.
Tucker & Dorsey Mfg. Co., Indianapolis, Ind.

Casting Cleaner (Pneumatic)

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill., & 95 Liberty, New York. (See adv. index, end of book)

Castings (Air Furnace & Cupola)

(See Castings, Cupola & Air Furnace.)

Castings (Aluminum)

Abel, Geo. L., 18 Elk, Buffalo, N. Y.
Aluminum & Bronze Castings Co., 1174 Hamilton, Cleveland, O.
American Brass & Mfg. Co., 409 S 2d, St. Louis
Anderson, A. H., 52 N Ann, Chicago, Ill.
Angus, C. H., Albany, N. Y.
Bailey-Farreli Mfg. Co., Pittsburg, Pa.
Bay State Aluminum Co., Quincy, Mass.
Bay State Brass Foundry, 155 A, S Boston, Mass.
Bird Brass Works, Ft. Worth, Texas.
Brass Foundry & Heating Co., Peoria, Ill.
Bridgeport Deoxidized Bronze Metal Co., Bridgeport, Conn.
Buckeye Iron & Brass Works, Dayton, O.
Buescher Mfg. Co., Elkhart, Ind.
Builders' Iron Foundry (Light & Heavy), Providence, R. I.
Cadman, A. W. Mfg. Co., 2814 Smallman av, Pittsburg, Pa.
Chapman, J. B. & Co., Springfield, Mass.
Clark, John W., Albany, N. Y.
Clum & Atkinson, Rochester, N. Y., & Cleveland, O.
Crown Smelting Co., Chester, Pa.
Detroit Brass and Iron Novelty Co., 14 Atwater, W., Detroit, Mich.
Detroit Shipbuilding Co. (Brass Dept.), Detroit, Mich.
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y., & 42 Dey, N. Y. (See adv. index, end of book)
Eastwood Wire Mfg. Co. (1-4 oz. to 20,000 lbs.), Belleville, N. J.
Enterprise Foundry Co., 48 Olean, Rochester, N. Y.
Everhart Brass Works, Scranton, Pa.
Fox Copper & Bronze Mfg. Co., 2624 Smallman, Pittsburg, Pa.
Franklin, H. H. Mfg. Co., Syracuse, N. Y.
Halstead & Co., 1129 Cherry, Phila., Pa.
Hardoin Brass Works, 180 Brush, Detroit, Mich.
Harring-Attwood Brass Mfg. Co. (Heavy), Grand Rapids, Mich.
HECLA IRON WORKS, N 11th & Berry, Brooklyn, N. Y. (See adv. index, end of book)
Hendryx, Andrew B. Co., New Haven, Conn.
Holton & Weatherwax, Jackson, Mich.
Hoyt, Frank, Muskegon Heights, Mich.
Indianapolis Aluminum Co., Indianapolis, Ind.
Ireland & Matthews Mfg. Co., Detroit, Mich.
Jefferson Brass Foundry, 209 King, Brooklyn, N. Y.
Jenkins Mfg. Co., Bloomfield, N. J.
Kettler, M. F. Brass Foundry, Dallas, Tex.
Langsenkamp Bros. Brass Works, 140 E Georgia, Indianapolis, Ind.
Livermore, Homer F., 85 Pearl, Boston, Mass.
LUMEN BEARING CO., 1155 Sycamore, Buffalo, N. Y. (See adv. index, end of book)
LUNKENHEIMER CO., General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, New York, & 35 Great Dover st, London, Eng. (See adv. index, end of book)
McCartney, Josiah, Bay City, Mich.
McHatton Smelting Co., 1500 Wash'n av., Phila., Pa.
Mansfield Tempered Copper Co., Mansfield, O.
Merriman, F. M., Carton av, Utica, N. Y.
Messmer, Ferd. Mfg. Co., St. Louis, Mo.
Michaels, Lewis, 216 W Pearl, Cincinnati, O.
Midland Brass Works, Fort Worth, Tex.
Minneapolis Brass & Iron Mfg. Co., 116 1st av., N, Minneapolis, Minn.
Mousley, Chas. & Sons, 457 N 12th, Phila., Pa.
Moore, E. J. Machine & Foundry Co. (Gray-White Semi-Steel Alloy), 2227 Wood, Phila., Pa.
National Brass & Metal Co., Minneapolis, Minn
Non-Corrosive Metal Co., 39 Pitts, Boston, Mass.
Ohio Brass Co., Mansfield, O.
Ohio Pump & Brass Co., Columbus, O.
Phelps, E. E. Co., Syracuse, N. Y.
Pioneer Brass Works, Indianapolis, Ind.
Pittsburg Brass Mfg. Co., 107 Wood, Pittsburg, Pa.
Pittsburg Reduction Co., New Kensington, Pa., & 99 John, N. Y.
Providence Aluminum Co. (1 grain to 1000 pounds, also Aluminum Bronze), Providence, R. I.
Reeves, Paul S. & Son, 1413 Catharine, Phila., Pa.
Rempis & Gallmeyer Foundry Co., Grand Rapids, Mich.
Richardson, Edro, 316 N Holliday, Baltimore, Md.
RICHEY, BROWNE & DONALD, Maspeth, Borough of Queens, N. Y. City. (See adv. index, end of book)
Rowell, W. G. & Co., Bridgeport, Conn.
Ruggles Machine Co., Poultney Vt.
Ryan, John & Co., Lowell, Mass.
Ryan, J. J. & Co., 68 W Monroe, Chicago
Scovill Mfg. Co., Waterbury, Conn.; Chicago, Ill., & 423 Broome, N. Y.
Sheeler-Hemsker Co., 811 Fairmount av, Phila., Pa.
Shriver, T. & Co., 333 E 56th, N. Y.
Springfield Brass Co., Springfield, Mass.
Stover Mfg. Co., Freeport, Ill.
Toledo Bronze Co., Toledo, O.
Turner Brass Works, Franklin & Michigan, Chicago
U. S. Aluminum Casting Co., Cincinnati O.
U. S. Aluminum Co., Pittsburg, Pa.
Utica Electric Light & Power Co., Utica, N. Y.
Williams, E. A. & Son, 105 Plymouth, Jersey City, N. J.

Casting (Atlas Steel)

Phila. Steel & Iron Co., Frankford, Phila., Pa.

Castings (Automobile)

(See also Castings, Various Kinds).

AMERICAN BRAKE SHOE & FOUNdry Co., Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)
Bridgeport Deoxidized Bronze & Metal Co., Bridgeport, Conn.
CHISHOLM & MOORE MFG. CO., (Malleable Iron), Lake & Kirtland, Cleveland, O. (See adv. index, end of book)
Ensign Foundry Co., Toledo, O.
Hopson & Chapin Mfg. Co. (Cast Iron), New London, Conn.
New England Steel Casting Co., Hyde Park, Mass.
Tool Steel Castings Co. (Crucible Steel), 90 Canal, Boston, Mass.
Trumbull Mfg. Co., Warren, O.
U. S. Aluminum Castings Co. (Aluminum), Cincinnati, O.
Whiteley Steel Co. (Cast Steel), Muncie, Ind.

Castings (Blast Furnace)

AMERICAN BRAKE SHOE & FOUNdry Co., Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)
Bowler Foundry Co., Cleveland, O.
Massillon Iron & Steel Co., Massillon, O.
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)

Castings (Boiler)

(See Boiler Fronts.)

Castings, Brass

See also Castings, Bronze;
Castings, Climax Bronze;
Castings, Copper;
Castings, Manganese Bronze;
Castings, Parsons Bronze;
Castings, Phosphor Bronze;
Bearings of Various Kinds;
Bell Founders;
Plumbers' Brass Goods;
Valve Mfrs.

ALABAMA.

BIRMINGHAM—Ajax Metal Co.
Gilb, V. & Son
CULLMAN—Ehrensperger, H.
HUNTSVILLE—Huntsville Foundry & Machine Works. (Nolan & Jones, Props.)
MOBILE—Alabama Iron Works (Also Iron)

ARKANSAS.

LITTLE ROCK—Thomas Fordyce Mfg. Co.
Wing & Stephens Co.

CALIFORNIA.

LOS ANGELES—Axelson Machine Co.
Fulton Engine Works
Hutchison, W. G. Co.
Jones, Jas. & Co.
Llewellyn Iron Works
Los Angeles Gas & Elec. Fixture Mfg. Co.
Star Brass Works.
SAN FRANCISCO—Braud, P. & Co., 522 Fulton
Garratt, W. T. & Co. (Inc.), 140 Fremont
Globe Brass & Bell Foundry, 128 Main
Golden Gate Foundry, 215 Bay
Greenberg's, M. Sons, 225 Beale
Kingwell, Vincent, 228 Fremont
Lawrence, Jno. E., 103 Fremont
Mission Brass Works, 371 Sanchez
Roylance, J. Brass Wks., 112 Main
San Francisco Zinc & Brass Foundry, 40 Jessie
Standard Brass Casting Co., 309 Folsom
Tay, Geo. H. Co., 49 1st
Western Mfg. Co., 22 Natoma
Western Tube Co. (Valves, Cocks & Fittings), Mills bldg.

COLORADO.

CQLORADO SPRINGS—Hassell Iron Works CO.
DENVER—Creswell, Jos., Mfg. Co., 1634 Blake
Denver Brass Works Co., 1307 Lawrence
Flint-Lomax Electric & Mfg. Co. 1400 Delgany
McNamara, J. C., 1431 Blake
Slack, B. F., 1638 Blake
Somerville, Geo., 1749 Blake
Western Brass Foundry & Plating Works, 1440 Blake
PUEBLO—Ortner, Geo. J.

CONNECTICUT.

ANSONIA—Gaylord, F. L. Co.
Phelps, H. D.
Phelps & Bartholomew Co.
BRIDGEPORT—Belknap Mfg. Co.
Bridgeport Brass Co.
Bridgeport Deoxidized Bronze & Metal Co.
Donovan, P. J., 249 R. R. av.
Eaton, Cole & Burnham Co.
Hamilton, Jno., 152 Middle
Rowell, W. G. & Co.

GUILFORD—Spencer's, I. S. Sons
HARTFORD—Blake, T. J. & Son
Craig, Jno. M.
Donovan, Jas. G.
Howard, Jas. L. Co.
Phoenix Brass Foundry
Pratt & Cady Co.
MERIDEN—Miller, Edw. & Co.
MIDDLETOWN—Wilcox, Crittenden & Co.
MOUNT CARMEL—Woodruff, Walter W. & Sons Co.
NEW BRITAIN—Osborn, H. A.
NEW HAVEN—Graham, Jas., & Co.
Hendryx, Andrew B. Co.
Hill, Albert M.
Ives, Hobart B. Co.
Magnus Metal Co., 248 Cedar
Preiss, Hy. E.
Reynolds Brass Foundry
Sargent & Co.
Stiles, A. C. Brass Foundry & Metal Works
NORWALK—Norwalk Brass Co.
NORWICH—Pequot Brass Foundry Co.
Tracy, C. Oscar
PLAINVILLE—Baker, E. M.
Carter, E. T.
Carter & Seymour.
SHELTON—Meyers Iron & Brass Foundry (Also Iron)
STONINGTON—Miller, A. B. & Son (Also Iron)
TORRINGTON—Turner & Seymour Mfg. Co.
WATERBURY—American Pin Co.
Holmes, Booth & Haydens
Manufacturers Foundry Co.
Matthews & Willard Mfg. Co.
Scovill Mfg. Co.
Steel & Johnson Mfg. Co.

DELAWARE.

WILMINGTON—Carter, J. D. & Co.
Remington Machine Co.
Speakman Supply & Pipe Co.

DISTRICT OF COLUMBIA.

Washington—Douglass, Wm. H., 1210 E, N W
Somerville, Thos. & Sons, 316 13th, N W

FLORIDA.

JACKSONVILLE—McMillan Bros.
PALATKA—Palatka Iron & Brass Foundry

GEORGIA.

ATLANTA—Withers Foundry & Machine Works. (Also Iron)
SAVANNAH—Kehoe, Wm. & Sons (Also Iron)

ILLINOIS.

AURORA—Aurora Metal Co.
CHICAGO—Acme Metal Mfg. Co., 47 S Canal
Acorn Brass Mfg. Co., 51 N Peoria
Adams & Westlake Co., c Ontario & Franklin
Allen, W. D. Mfg. Co., 151 Lake
American Bronze Foundry Co., 73d & Woodlawn av
American Copper, Brass & Iron Works, 119 Mich.
Anderson, A. H. (Light & Heavy), 52 N Ann
Anderson Bros., 107 W Monroe
Anderson, Wm. B. & Co., 15 S Canal
Bastian, Chas. L. Mfg. Co., 76 Illinois
Burdett-Rowntree Co., 85 W Jackson boul
Chicago Brass & Copper Works, Monadnock blk.
Chicago Hardware Fdy. Co., 45 W Wash'n
Chicago Nut Co., 207 S Canal
Columbian Hardware Co. (of Cleveland, O.), 86 Mich av
Cork, W. H., 1134 76th
Edna Smelting & Refining Co. (Light & Heavy), Monadnock blk.
Empire Brass Works, 105 S Jefferson
Falcon Brass Mfg. Co., 120 S Clinton
Faunt Bros., 194 Michigan
Federal Co., 231 Wash'n
Fisher, Theo., 3804 S Halsted
Graham, Jno. I., 164 S Clinton
Harris, Geo. P. & Bro., 64 W Lake
Hewitt Mfg. Co., Monadnock blk
Hills, Robt. E., 128 E. Kimzie
Holland, Wm., 54 S Canal
Illinois Brass Foundry, 99 Bunker
Illinois Malleable Iron Co., 30 W Monroe
McMaster-Davis Supply Co., 160 E Lake
Mahoney, Pat'k F., 39 W Wash.
Purcell, N. F. & Co. 232 S Clinton
Ripley & Wilson, 132 W Lake
Ryan, J. J. & Co., 68 W Monroe
Smeeths Copper & Bronze Co., 20 N Desplaines
SMITH, F. P. WIRE & IRON Works. 100 Lake, Chicago. (See adv index, end of book)
Smith, Paul & Co., 63 W Wash
Star Brass Works (Rough and Finished), 154 Lake
Sterion Copper & Bronze Co., 65 N Ashland av
Street & Kent Mfg. Co. (Plumbers' Specialties), 43 Fulton
Thomas Bros. Mfg. Co., Fillmore av c Rockwell
Turner Brass Works, Franklin & Michigan
Weir & Craig Mfg. Co., 2439 Wallace
CHICAGO RIDGE—White Mfg. Co.
EDWARDSVILLE—Edwardsville Brass Co.
FREEPORT—Stover Mfg. Co.
KEWANEE—Western Tube Co., (Valves, Cocks & Fittings)
LITCHFIELD—Litchfield Foundry & Machine Co.
MOLINE—Schmidt, Henry
PEORIA—Brass Foundry & Heating Co.
Kinsey & Mahler Co., 400 S Adams
QUINCY—Bush, Clement (Also Iron)
Central Iron Works
Massie, S. B. & Son
Van Doorn Co.
ROCKFORD—Rockford Brass W'ks, 323 W 10th

INDIANA.

ELKHART—Buescher Mfg. Co.
EVANSVILLE—Evansville Brass Works.
Healey, Peter
Heilman Machine Works
Nehring, Wm. & Co.
INDIANAPOLIS—Dean Bros. Steam Pump Works
Langsenkamp Bros. Brass Works, 132 E Georgia
Pioneer Brass Works, 418 S Penn.
KOKOMO—Kokomo Brass Works
LOGANSPORT—Dorner Truck & Foundry Co. (Electric Ry. etc.; also Iron)
TERRA HAUTE—Prox & Brinkman Mfg. Co.

IOWA.

CEDAR RAPIDS—Dearborn Brass Co.
DAVENPORT—Davenport Foundry & Machine Co.
DES MOINES—Des Moines Mfg. & Supply Co..
DUBUQUE—McDonald, A. Y. & Morrison Mfg. Co.
KEOKUK—Ribyn, M. J. & Son

KANSAS.

KANSAS CITY—National Brass Mfg. Co.
TOPEKA—Gerdon, E. J. & Sons

KENTUCKY.

LOUISVILLE—Ahrens & Ott Mfg. Co., 325 W Main
American Brass Foundry, 522 Centre
Haight & Co., 544 5th
Howe Mfg. Co., 1107 W Main
Jones, Arthur, 211 1st
Stege, E. A. Mfg. Co., 258 W Jefferson
Vogt, Henry Machine Co., 327 E Main

LOUISIANA.

MONROE—Sanders, Jno. G. (Also Iron)
NEW ORLEANS—Haubtman & Loeb Co. (Ltd.), 222 S Peters
Moore's Brass Foundry, 835 Tchoupitoulas
Swoop, Julian M., 913 Girod
Western Tube Co. (Valves, Cocks & Fittings), Tulane-Newcomb bldg.

MAINE.

BANGOR—Union Iron Works
BATH—Bath Iron Works
Torry Roller Bushing Works
Watson, Frye & Co. (Railroad & Mill)
CAMDEN—Knowlton Bros.
DEXTER—Fay & Scott (Also Iron)
HALLOWELL—Fuller's, Geo. Sons (Also Iron)
MECHANICS' FALLS—Penney, J. W. & Sons Co. (Also Iron)
PORTLAND—Knight Bros., 304 Fore
Laughlin, Thos. Co.
Megguier & Jones Co., 29 Pearl
Portland Co.
ROCKLAND—Torrey, J. G. & Son

MARYLAND.

BALTIMORE—Baltimore Shipbuilding & Dry Dock Co., Locust Point
Boehm, Henry E. & Co., 207 North
Coale Brass Mfg. Co., 1325 Guilford av
Curtis Bay Brass & Metal Works, S. Balto., A. A. Co.
Farrell, Edw. P., 1412 Philpot
Gisriel, Wm. & Son, 1527 Guilford av
Harris, Wm., 305 W Lombard
Kirk, R. E., Jr. & Co., 210 Patterson
Liberty Brass Works, 305 W Lombard
McShane, Henry Mfg. Co. (Plumbers' Specialties), 417 North
Maryland Foundry & Machine Co.
NATIONAL SUPPLY CO., 7 W Lombard. (See adv. index, end of book)
Register, J. Sons Co., c Holliday & Saratoga
Richardson, Edro, 316 N Holliday

MASSACHUSETTS.

BOSTON—American Tool & Machine Co., 109 Beach
Ashton Valve Co., 271 Franklin
Bay State Brass Foundry, 155 A
Boston Brass Co., 36 Oliver
Clark, D. W. & Co., 280 W 1st. (S. B.)
Gibby Foundry, 76 Border
G. & P. Engraving Co., 185 Franklin
Granular Metal Co., c Farnham & Gerard
Grundy, J. E., & Co., 90 Sudbury
Hall, Wm. & Co., 82 Sudbury
Hamlin & Emery Brass Co., 26 Island Rox
Howard, J. P. & Co.
Livermore, Homer F., 85 Pearl
McCafferty, J. H. & Co., 434 Harrison av
McCaul, M. M., 289 South
McGann, Thos. F., & Sons Co. (Art, etc.), 104 Portland
Mowry & Phillips, (Rough or Fnished), 208 Camden
Rogers, Cornelius E., 34 Beach
Scrannage Bros., 77 Travers
Spear, Harry A., 130 Oliver
Star Brass Mfg. Co., 108 E Dedham
Strater, Herman & Sons, 74 Sudbury
Union Brass Works, 7 Sherman, Chsn.
Walworth Co., 128 Federal
CLINTON—Clinton Foundry Co. (Also Iron)
FALL RIVER—Creighton, T. J. & Co., 110 Chace
Fall River Foundry & Machine Co., 88 Plymouth av.
Mechanics Foundry & Machine Co.
FITCHBURG—Hardy, Wm. A.
GLOUCESTER—Reed, Geo. A. & Son
HAYDENVILLE—Haydenville Co.
HYDE PARK—American Brass Foundry Co.
LAWRENCE—Gallison Brass Foundry
LOWELL—Eagle Foundry Co.
Pevey Bros.
NEW BEDFORD—Gardner, R. M. & Co.
ORANGE—Hunt, Rodney Machine Co.
SALEM—Salem Brass Foundry.
SPRINGFIELD—Chapman, J. B. & Co.
Emory, P. P. Mfg. Co. (1 ounce to 5,000 lbs.)
Ford, H. (also Iron)
Knox Automobile Co. (Automobile)
Springfield Brass Co.
Springfield Foundry Co.
Stebbins, E. Mfg. Co., Brightwood
TAUNTON—Trefethen, D. A., 4 Porter
WALTHAM—Waltham Foundry Co.
WEBSTER—Prescott, J. B., & Son (Also Iron)
WORCESTER—Kindred & Taylor, 29 Jackson
Washburn Shops
Wells, L. Henry
Worcester Brass Co., 262 Shrewsbury

MICHIGAN.

BATTLE CREEK—Sherman, H. B. Mfg. Co.
BAY CITY—McCartney, Josiah
CHEBOYGAN—Blake, H. A. (Also Iron)
DETROIT— Capitol Brass Works, 284 Rivard
Cross, M. O. & Co., 12 Atwater, W.
Detroit Brass Works, 1300 Brooklyn av
Detroit Copper & Brass Rolling Mills, McKinstry av & Wabash R. R.
Detroit Shipbuilding Co. (Brass Dep't.), ft. Orleans
Eagle Brass Works, 218 Elizabeth, E.
Essex, G. B. Brass Co., 480 Franklin
Galvin Bros., 131 Brush
Graebert & Purdie, 12 Sherman
Great Lakes Engineering Works, Rivard & Detroit River
Globe Brass Works, 13 Macomb
Hardoin, Nicholas, 42 Randolph
Ireland & Matthews Mfg. Co., Mt. Elliott c Wight
Johnston, F. G., 56 2nd
McRae & Roberts Co. (Steam Brass Goods), 227 Campbell av
Marsh Valve Co., 204 Brush
Moore, J. K. & Son, 130 Beaubien
Mouat, J. D. & Co., 50 Porter
National-Fulton Brass Mfg. Co. (Car, Locomotive, etc.)
Olds Motor Works, c Jefferson & Concord ave
Standard Brass Works, 528 E Woodbridge
Stephens, Roe Mfg. Co., 1072 27th
Sterling & Skinner Mfg. Co., Russell c East Grand boul.
Thomas, C. W., M. C. R. R. Junction, Yds., W. D
Union Brass & Iron Works, 60 Clark av
Wain & Bryant, 34 Atwater W
Walz, Chris., 278 Division
GRAND RAPIDS—Grand Rapids Brass Co.
Harring-Attwood Brass Mfg. Co. (Heavy)
Rempis & Gallmeyer Foundry Co.
Wolverine Brass Works
HANCOCK—Portage Lake Foundry & Machinery Co.
HOLLAND—Huntley, A.
JACKSON—Holton & Weatherwax (Also Iron)
KALAMAZOO—New Era Mfg. Co.
Star Brass Works
LAPEER—McDonald, Wm. Sons (Also Iron)
MUSKEGON—Enterprise Brass Works (Frank Holt, Prop'r)
SAGINAW—Bartlett, A. F. & Co.
TRAVERSE CITY—Round & Son (Also Iron)
YPSILANTI—Michigan Mfg. Co.

MINNESOTA.

DULUTH—Duluth Brass Works
MINNEAPOLIS—Baum's Brass & Model Works
Kriesel, G. F., 129 5th av, S
National Brass & Metal Co.
Minneapolis Brass & Iron Mfg. Co.
Twentieth Century Brass & Iron Works
Western Tube Co. (Valves, Cocks & Fittings), Lumber Ex.
ST. PAUL—Herzog Iron Works
Maske & Phillips
Northwestern Copper & Brass Works
Roberts-Goss Co.
South Park Foundry & Machine Co.

MISSISSIPPI.

ELLISVILLE—Miller, Mfg. Co.

MISSOURI.

KANSAS CITY—Central Brass Works, Wyandotte & Byd
Crampton-Farley Brass Co. (Plumbers' Specialties)
Kansas City Brass Works, 421 W 5th
Kansas City Wire & Iron Works, 1428 Oak
National Brass Mfg. Co.
Platt Mfg. Co., 21st & Campbell
ST. LOUIS—Acorn Brass Mfg. Co.
America Brass & Mfg. Co., 407 S 2d
Central Union Brass Co. ("Specialty, Elec. Ry., etc."), Mullanphy, 11th to 12th
Garratt, J. W. Brass Foundry Co. (From ¼-oz to 5,000 lbs.) 2028 Walnut
Gilbert, A. & Sons, 2024 Eugenia
Kraushaar Brass Mfg. Co., 2507 N B'way
Kupferle Bros. Mfg. Co., 602 N 2d
Laclede Brass Works, 307 Cedar
Messmer, Ferd. Mfg. Co., 2700 S 7th
More-Jones Brass & Metal Co., 3138 N B'way
Pleuger & Henger Mfg. Co., c 11th & Herbert
Ruppenthal. J. & Son, 1602 N B'way
St. Louis Brass Mfg. Co., 1112 Market
Seibel, Louis & Bro., 2d & Lombard

NEBRASKA.

LINCOLN—Hedges Lincoln Iron Works (also Iron)
Smith, R. L. (Also Iron)

NEW HAMPSHIRE.

CONCORD—Ford & Kimball
EAST CONCORD—Beaupre, F. D. & Co.
EXETER—Exeter Brass Works (Plumbers' Specialties, etc.)
LACONIA—Glidden, A. S. & Co.
LAKEPORT—Cole Mfg. Co.
MANCHESTER—Varney, David B. (Est. of)
NEWFIELDS—Fifield, Geo. E.
PENACOOK—Concord Axle Co.

NEW JERSEY.

BELLEVILLE—Eastwood Wire Mfg. Co. (1-4 oz. to 20,000 lbs.)
BLOOMFIELD—Ferguson, Chas. K.
Jenkins Mfg. Co.
CAMDEN—Voight Metal Co., 5th nr Erie
ELIZABETH—Elizabeth Brass Foundry
GLEN RIDGE—Benson, H. K. & F. S.
HOBOKEN—Fletcher, W. & A. Co.
Union Iron Works
JERSEY CITY—American Fixture & Brass Co., 249 Ocean av
Atlantic Brass Co., Com'paw av c Philip
Brady Brass Co., 204 10th
Garney Bros., 13 Sussex
Gothberg, H. & E., 139 Cator av
Krouse, Geo., 150 Morgan
Magnus Metal Co., 364 9th
Murphy, Wm. J., 279 10th
Williams, E. A. & Son, 105 Plymouth
NEWARK—Hedges & Bro., 10 R. R. pl.
Josts, E. Sons, 350 Plane
Newark Brass Works, 88 Monroe
PERTH AMBOY—Schautz & Eckert (Also Iron)
TRENTON—Crossley Mfg. Co.

NEW YORK.

ALBANY—Angus, C. H., 317 N Pearl
Clark, Jno. W.
Cox Brass Mfg. Co.
Gaynor, P. F., 18 William
BUFFALO—Abel, Geo. L., 18 Elk
Bingham & Taylor, 218 Ellicott sq
Buffalo Combination Foundry, 135 Herman
Case, W. A. & Son Mfg. Co., 31 Main
Deck Bros., 20 Indiana
Ernst, Chas. F. Sons Iron Works, 65 Lathrop
Fries & Co., 89 Main
Hickey, Mich. J., 123 Auburn av
Hofeller Brass Foundry Co., 145 Virginia
Josef, E. E. Mfg. Co., Washn & Perry
Keystone Brass Foundry, 50 Mississsippi
Liberty Brass Foundry, 1310 Niagara
LUMEN BEARING CO., 1155 Sycamore. (See adv. index, end of book)
Magnus Metal Co., Fidelity Trust bldg.
Maute, J. & Sons, 23 Kane
Noye Mfg. Co., 50 Lakeview av
O'Brien's Foundry, 33 Indiana
Schmahl, Jno. H., 471 Ellicott
Sherwood Mfg. Co., 34 Wash'n
Standard Foundry Co., 32 Mississippi
Unique Metal Co., 18 Elk
Zero Valve & Brass Mfg. Co., 296 Seneca
COHOES—Cohoes Iron Foundry & Machine Co.
DEPEW—Magnus Metal Co.
GLENS FALLS—Dix, J. L. Foundry Co. (Also Iron)
GRASSY POINT—Wiles, A. M. & W. H. Co. (Also Iron)
LOCKPORT—Holly Mfg. Co. (Also Iron.)
Kugler Brass Works
NEWBURGH—Chadborn Mfg. Co.
Coldwell-Wilcox Co.
Kimball's, S. G. Son
Marvel, T. S. & Co.
Monell, Geo. L.
Newburgh Ice Machine & Engine Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Atlantic Basin Iron Works, Imlay & Summit
Bell, Wm. & Son, 749 Hicks
Bliss, E. W. Co., 17 Adams
Columbia Machine Works & Malleable Iron Foundry Co., 169 Chestnut
Connolly Specialty Works, 1071 Atlantic av
Coyne & Delaney, 303 Rodney
Creamer, W. G. & Co., Creamer c Smith
Derham, Jos. F., 71 N 1st
Franklin Brass Foundry, 116 West
Hamilton, Robt., 23 Adams
Hilton Brass Works, 30 Rock
Holdsworth, Wm. H. & Son, 452 Rodney
Huethwohl, Louis, 513 Flushing av
Jefferson Brass Foundry, 209 King
Jones, Henry & Son, 467 Malbone
Leiser, Leopold, 297 Larimer
Lieb Brass Foundry, 84 Carlton av
Loughran, Mich. F., 82 Wyckoff
Patrick, Robt. A., 112 Front
Paulson, Thos., 13 Fulton
Phall, Geo. A. & Co., 68 West
Piske, Hy., 28 Lorimer
Reed Brass Mfg. Co., 272 Kent av
Renton, Geo. W., 431 B'way
Smith, Wm. A., 70 Frost
Staats, Geo. & Co., 252 Lorimer
Staats & Dillmeier Mfg. Co., 36 S 1st
TAYLOR & CO. (Also Iron), 415 Driggs av. (See adv. index, end of book)
Walker, Henry F., 739 3d av

Boroughs of Manhattan & Bronx

NEW YORK—Atlantic Brass Co. (Car, etc.), 192 B'way
Bristol Brass Co., 46 W B'way
COLWELL, ROBERT, JR. (Broker), 141 B'way. (See adv. index, end of book)
Cornell, J. B. & J. M., 26th & 11th av
DOBBIE FOUNDRY & MACHINE Co., 42 Dey. (See adv. index, end of
Eaton, Cole & Burnham Co. (Founders & Finishers), 253 B'way. Works, Bridgeport, Conn.
Fox's, B. Sons, 513 W 34th
Gallagher's, Jas. Sons, 87 Centre
Kleh, Geo., 143 Thompson
LUNKENHEIMER CO., 26 Cortlandt. (See adv. index, end of book)
McKenna, Jas. & Bro., 424 E 23d
Magnus Metal Co., 170 B'way
Manhattan Brass Co., 334 E 28th
Miller, Edw. & Co., 30 W B'way
Nelson, Chas., 439 E 10th
N. Y. Brass Foundry Co., 104 Centre
Scholl, Adam, 451 E 138th
Shriver, T., & Co., 333 E 56th
Tiebout, W. & J., 118 Chambers
Union Equipment & Bronze Co., 514 W 36th
White, Sam'l, 529 W 33rd
White Mfg. Co., 556 W 34th

Borough of Queens

LONG ISLAND CITY—Gugel, August, 182 B'way
MASPETH—(New York City) **RICHEY,** Browne & Donald
METROPOLITAN—Schwarze, Jno

(END OF NEW YORK CITY.)

NIAGARA FALLS—**DOBBIE FDRY. &** Machine Co. (See adv. index, end of book)
NORTH TONAWANDA—Armitage-Herschell Co.
ROCHESTER—Clum & Atkinson, 575 Lyell av
Enterprise Foundry Co., 48 Olean
Nunn Brass Works, 17 Wentworth
Wray, Henry & Son, 195 Mill
ROME—Rome Brass & Copper Co.
SANDY HILL—Sandy Hill Iron & Brass Works (Also Iron.)

SENECA FALLS—Climax Specialty Co. (Plumbers' Specialties)
SYRACUSE—Central City Brass & Mfg. Co., 120 Burnet av.
Engelberg, Huller Co., 831 W Fayette
McVey & Kratz, 116 Richmond av.
Oberdorfer, M. L., 804 E Water
Phelps, E. E., 107 N. Franklin
Senk, Jno. & Bro., 1515 Lodi
Syracuse Faucet & Valve Co.
TROY—Gurley, W. & L. E.
Kemp, Wm. & Son.
West Side Foundry Co., Watervliet
UTICA—Blasier, M. E. & Co.
Freeman, King H.
Merriam, F. M., 3 Carton av.
Utica Brass Works, 32 Seneca

NORTH CAROLINA.

NEWBERN—McIntosh & Williams

OHIO.

AKRON—Adamson, Alex.
CANTON—Best Street Light Co.
Canton Malleable Iron Co.
Canton Saw Co.
Frankham, Wm.
CINCINNATI—American Brass Works, 426 Plum
American Copper & Brass Wks, 614 E Front
American Valve & Meter Co., 1119 Gest
Bourbon Copper & Brass Works, 618 E Front
Central Brass Works, 322 W Pearl
CINCINNATI MFG. CO., 1243 W 6th. (See adv. index, end of book)
Crane & Breed Mfg. Co., 1227 W 8th
Deckebach, F. C. Sons Co., 123 W Court
Edna Smelting & Refining Co. (Light & Heavy), 525 Reading rd
Electric Railway Equipment Co., 431 E Front
Enterprise Brass & Plating Co., Clark & Harriet
Eureka Brass Works, 217 W 2d
Fewlass-Leen Brass & Iron Co., 456 E 2d
Globe Brass Works, 62 Elm
Hauck Mfg. Co., 322 W Pearl
Hesterberg, R. & Co., Spring Grove & Gerrard avs.
Hoppe, Chas. & Co., 632 Main
Kinsley, J. R., 115 E 6th
Kirkup, Robt. & Co., 616 Lodge
Kisinger-Ison Co., 466 Pioneer
Klotter, Geo. F. Co., 1722 Central av.
LUNKENHEIMER CO., Beekman & Waverly. (See adv. index, end of book)
McGowan, Jno. H. Co., 54 Central av
Messmer, Andrew Co., Patterson n Bank
Michaels, Lewis, 216 W Pearl
National Brass Mfg. Co., 1115 Marshall av
Newman-Kuhn Mfg. Co., 1250 W 8th
Nichol, Thos. J. & Co., c Pearl & Ludlow
Ohio Brass Foundry, 207 Ludlow
Powell, Wm. Co., 2525 Spring Grove av
Queen City Brass & Iron Works, Spring Grove & Gerard av
Richter & Co., 210 E 9th
Riegler, Alex., 316 Perry
Schroder, J. B. & Co., 133 E 5th
Van Duzen, E. W. Co., 428 E 2d
Varwig Mfg. Co., 713 W Court
CLEVELAND—Acme Brass Works, 55 Herald
Allyne Brass Foundry Co., E Prospect & C. & P. Ry.
Aluminum & Bronze Castings Co.
American Brass Mfg. Co., 97 Woodland av
American Bronze & Brass Co., Sweeney nr Willson av
Brookside Brass Foundry & Mfg. Co., 21 Seizer
Buckeye Brass Foundry, 281 W River
Central Brass Mfg. Co., 735 Cedar av
Cleveland Brass Works, 226 Abbey
Cleveland Bronze & Brass Works (Light & Heavy), 1140 Hamilton
Columbian Hardware Co., Coe & Hamilton
Farnan Brass Works (Plumbers' Specialties), 25 Center
Forest City Brass Works, 90 Merwin
Glauber Brass Mfg. Co., 1643 Superior
Hunger & Scheidegger, 35 Champlain
H. & M. Brass Foundry Co., 1174 Hamilton
Macbeth Iron Co., 57 W Center
Ohio Brass & Iron Mfg. Co., 1199 Franklin
Ohio Foundry Co., Giddings av & C. & P. R. R.
Pegg, Jas., 161 Alger
Reserve Foundry & Mfg. Co., 1302 Euclid av.
Sintzenich, Jno., 55 Water
Standard Brass Foundry Co., 1155 Giddings av.
United Brass Mfg. Co., 958 Hamilton
U. S. Bronze Co., 149 Columbus
Weber, L. A., 44 Sheriff
COLUMBUS—Columbus Brass Co., 94 N 6th
Ohio Pump & Brass Co., 18th & Oak
DAYTON—Dayton Mfg. Co.
LIMA—Lima Locomotive & Machine Co.
MANSFIELD—Berry, J. H.
Mansfield Tempered Copper Co.
Ohio Brass Co.
MARIETTA—Pattin Bros. Co. (Also Iron)
SANDUSKY—Klotz Machine Co.
NATIONAL VALVE CO. (See adv. index, end of book)
SPRINGFIELD—Nolte Brass Co. (For all purposes, rough and finished), 27 W Jeff'n
Springfield Brass Co., 80 S Limestone
STEUBENVILLE—Irwin, J. O. (Also Iron)
Means Foundry & Machine Co.
TOLEDO—Toledo Bronze Co.
Vulcan Iron Works Co.
YOUNGSTOWN—Falcon Bronze Co.
United Engineering & Foundry Co. (All Weights)
Youngstown Bronze Co.
ZANESVILLE—Union Iron Works

OREGON.

ALBANY—Albany Iron Works (also Iron)
ASTORIA—Astoria Iron works, (Inc.)
DALLAS—Biddle, Edw. (also Iron)
OREGON CITY—Roake, J. & Son (also Iron)
PORTLAND—Columbia Engineering Works
Honeyman, J. & Co. (also Iron)
Oregon Foundry
Phoenix Iron Works
Portland Iron Works
Willamette Iron & Steel Works

PENNSYLVANIA.

ALLEGHENY—Damascus Bronze Co., 928 South av
Magnus Metal Co., 519 Preble av
Pittsburg Lamp, Brass & Glass Co., Locust & River av
ALLENTOWN—Spangler, Chas.
BLOOMSBURG—Harman & Hassert
CATASAUQUA—Hercules Metal Works
CHESTER—Crown Smelting Co.
Vulcan Works
Wetherill, R. & Co.
CONNELLSVILLE—Boyts, Porter & Co. (also Iron)
Connellsville Machine & Car Co. (also Iron)
CONSHOHOCKEN—Bate, Wm. T. & Son
CORRY—Ajax Iron Works (also Iron)
DANVILLE—Curry & Vannan
ERIE—Campbell, J. B. Brass Works
Erie Metal Co.
Keystone Brass Co.
Noyes Brass Works
GREENSBURG—Kelly & Jones Co.
HANOVER—American Foundry & Machine Co. (Also Iron)
HARRISBURG—Hickok, W. O. Mfg. Co.
NAZARETH—Nazareth Foundry & Machine Co.
NEW CASTLE—American Car & Ship Hdw. Mfg. Co.
NORTHEAST—Eureka Tempered Copper Works
PHILADELPHIA—Ajax Metal Co. (Inc.), 46 Richmond
Belfield, H. & Co., 435 N Broad
Bureau Bros., 21st & Allegheny av
Carver & Howell, 122 N Franklin
Caskey, Wm. & Son, E Norris & Beach
Cohocksink Brass Foundry, 439 Berks
Cramp, Wm. & Sons Ship & Engine Building Co., Beach c Ball
Eureka Brass Foundry Co., 328 Noble
Furlow Sanitary Brass Work Co., 2020 E. Williard
Gaumer, John L., Co., c 19th & Hamilton
Hallstead & Co. (Founders & Finishers), 1129 Cherry
Hartman Co., 1235 N Front
Hatton, Wm. B. & Co., 460 N Orianna
Hill, B. B. Mfg. Co., 1020 Newmarket
Hoag, R. C. & Co., 1146 Catherine
Homer Brass Works (Inc.), 231 Race
Hooks Smelting Co., Broad & Hamilton
Keystone Brass Foundry Co., 1837 N 2d
Keystone Brass Works, 1152 Gtn. av
Kirn, M. L. & Bro., 2135 N Lawrence
Krips, Chas., 716 Cherry
Lopp, David C., 718 Cherry
Lonergan, J. E., & Co., 211 Race
McHatton Smelting Co., 1500 Wash. av
Midland Metal Works, 1028 Filbert
Moesley, Chas. & Sons, 457 N. 12th
North American Smelting Co., 9th & Thompson
Phila. Art Metal Mfg. Co., 217 New
Phosphor-Bronze Smelting Co. (Ltd.), 2200 Wash'n av
Reeves, Paul S. & Son, 1415 Catharine
Schoenewald, Robt., 1027 Ridge av
Sheeler-Hemsher Co., 811 Fairmount av
Talmage & Weidley, 228 N 15th
Wissinoming Brass Foundry Co., Vankirk & P. R. R., Wissinoming
Wright Mrg. Co. (Inc), 133 Master
PITTSBURG—Anchor Engineering & Machine Co., 105 Pike
Bailey-Farrell Mfg. Co.
Best Mfg. Co., 25th & A. V. Ry.
Bonar, Jas. & Co., Frick bldg
Cadman, A. W. Mfg. Co., 2814 Smallman
Chaplin-Fulton Mfg. Co., 28 Penn av
Epping-Carpenter Co., 41st & A. V. Ry.
Fox Copper & Bronze Mfg. Co., 2628 Smallman
Iron City Brass Foundry, 5315 Butler
McKenna Bros. Brass Co. (Ltd.), 1st av & Ross
Newlands Bros., 28th & A. V. Ry.
Pittsburg Brass Mfg. Co. (For Own Use), Penn av & 32d
Pittsburg Valve Foundry & Construction Co., 500 Duquesne Way
United Engineering & Foundry Co. (All Weights), Farmers' Bank bldg
Woodfall Bros., 1105 Fairmount av
Woodworth, A. M. Co., 112 Wood
READING—Connard, Henry
Dick Bros.
Excelsion Brass Foundry & Pattern Works
National Brass & Iron Works
RIDGWAY—Ridgway Foundry Co.
SCOTTDALE—Kenney & Co.
SCRANTON—Everhart Brass Works
McClave-Brooks Co.
Scranton Steam Pump Co.
SHARON—Sharon Brass Mfg. Co.
WARREN—Allegheny Foundry Co.
Jacobson Machine Mfg. Co. (Also Iron)
WILLIAMSPORT—Darling Pump & Mfg. Co.
United States Machine Co. (also Iron)
Valley Iron Works (also Iron)

RHODE ISLAND.

CENTRAL FALLS—Newell, Fred E.
PAWTUCKET—Jenkinson Brass Foundry
McKenna, Frank & Co.
Pawtucket Foundry Co.
PROVIDENCE—Allen Fire Dep't Supply Co.
Builders' Iron Foundry
Fuller, Frederic, 604 S Main
Globe Brass Foundry, 38 Wayne
Providence Brass Foundry & Machine Co., 460 Eddy
Rhode Island Brass Foundry, opp. 108 Pine
Stillman Bros. Co., 77 Blackstone
White, Stillman Foundry Co., 1 Bark
WOONSOCKET—Barr Bros.

SOUTH CAROLINA.

CHARLESTON—Charleston Iron Works

TENNESSEE.

CHATTANOOGA—Price-Evans Foundry Co. (Also Iron)
KNOXVILLE—Fair Foundry Co.
Knoxville Foundry & Machine Co.
MEMPHIS—Chickasaw Iron Works, 2d c Winchester

TEXAS.

DALLAS—Kettler, M. F. Brass Foundry
Mosher Mfg. Co.
Noizet, Louis A.
DENISON—Knaur & Howe (Also Iron)
EL PASO—Pass City Foundry & Machine Co.
FT. WORTH—Bird Brass Works (Railroad Brasses, etc.)
Midland Brass Works
HOUSTON—Dickson Car Wheel Co.

VERMONT.

BELLOWS FALLS—Bellows Falls Machine Co.
BURLINGTON—Lang & Goodhue Mfg. Co. (Also Iron)
POULTNEY—Ruggles Machine Co.

VIRGINIA.

LYNCHBURG—Hubard Machine Works.
NORFOLK—Edmonds, Walker, 356 to 362 Water
PORTSMOUTH—Ornamental Iron & Wire Co. (Inc.)
RICHMOND—Cameron-Tennant Machine Works
Snyder, Asa & Co.
SUFFOLK—Ousler, H. R. (Also Iron)

WASHINGTON.

BALLARD—Ballard Iron Works
EVERETT—Sound Iron Works
FAIRHAVEN—Zeeve, J. W.
OLYMPIA—Lister, S. G.
Olympia Iron Works (C. Z. Mason, Prop.) (Also Iron)
SEATTLE—Aztec Copper Mfg. Co., 1027 1st av S.
Eagle Brass Foundry, 826 1st av S.
Moran Bros. Co., R. R. av nr Charles
Seattle Brass Co., 912 Maynard av
Tracy, Sharp & Tracy, 816 1st av S.
SPOKANE—National Iron Works
TACOMA—Griffin Wheel Co. (Also Iron)
Puget Sound Iron & Steel Works
WHATCOM—Bellingham Engineering & Machine Works

WEST VIRGINIA.

NEW CUMBERLAND—Davis-Price Foundry & Machine Co.

WISCONSIN.

BURLINGTON—Burlington Brass Works
KENOSHA—Badger Brass Mfg. Co.
LA CROSSE—Franklin Iron Works (Also Iron)
MILWAUKEE—Hewitt Mfg. Co., 241 Greenfield av
Hoffman & Billings Mfg. Co., 96 2d
Kruecke Bros. Mfg. Co., 515 Park
Lamp & Miller Mfg. Co., 509 Cedar
Loeffelholz & Co., 170 Clinton
Mellen, Wm. & Son, 340 Barclay
Milwaukee Brass Mfg. Co. (Plumbers), 241 Lapham
Milwaukee Valve Co., 871 Robinson av
National Electric Co.
North Side Brass Works, 1368 Fond du Lac av
Rundle-Spence Mfg. Co., 63 2d
Spence Mfg. Co., 279 Park
Standard Brass & Machine Works, 1820 St. Paul av
OSHKOSH—Oshkosh Malleable Iron Co.
RACINE—Belle City Mfg. Co.
SO. MILWAUKEE—**STOWELL MFG. &** Foundry Co. (See adv. index, end of book)
STEVENS POINT—Cook, R. A.
WATERTOWN—Brandt, Edw. J. Dent Co.

Castings (Bridge)

AMERICAN BRAKE SHOE & FOUNdry Co., Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)
Builders' Iron Foundry (For Caissons, etc.), Providence, R. I.
Chester Steel Castings Co., 407 Sansom, Phila., Pa., & Chester, Pa.

Castings (Bronze)

See also Castings, Aluminum;
Castings, Brass;
Castings, Copper;
Castings, Phosphor Bronze.

Abel, Geo. L., 18 Elk, Buffalo, N. Y.
Acme Journal Bearing Co., 49 S Canal, Chicago
Ajax Metal Co., 46 Richmond, Phila., Pa., & Birmingham, Ala.
Aluminum & Bronze Casting Co., 1174 Hamilton, Cleveland, O.
American Brass & Mfg. Co., 409 S 2d, St. Louis
American Bronze Foundry Co., 73d & Woodlawn, Chicago, Ill.
American Car & Ship Hdw. Mfg. Co., New Castle, Pa.
American Pin Co., Waterbury, Conn.
Ames Foundries, Chicopee, Mass.
Anderson, A. H. (Light & Heavy), 52 N Ann, Chicago, Ill.
Angus, C. H., Albany, N. Y.
Aurora Metal Co., Aurora, Ill.
Bailey-Farrell Mfg. Co., Pittsburg, Pa.
Bay State Brass Foundry, 155 A, So. Beston, Mass.
Belfield, H. & Co., 435 N Broad, Phila., Pa.
Best Mfg. Co., Pittsburg, Pa.
Best Street Light Co., Canton, O.
Bird Brass Works, Ft. Worth, Tex.
Blake, T. J. & Son, Hartford, Conn.
Brady Brass Co., 204 10th, Jersey City, N. J.
Bridgeport Deoxidized Bronze & Metal Co., Bridgeport, Conn.
Bristol Brass Co., Bristol, Conn., & 46 W B'way, New York
Builders' Iron Foundry (Light & Heavy up to 70,000 lbs.), Providence, R. I.
Cadman, A. W. Mfg. Co., 2814 Smallman, Pittsburg, Pa.
Central Union Brass Co. ("Specialty, Elec. Ry., etc."), 811 N 2d, St. Louis, Mo.
Chapman, J. B. & Co., Springfield, Mass.
Chicopee Bronze Works, Chicopee, Mass.
CINCINNATI MFG. CO., 1243 W 6th, Cincinnati, O. (See adv. index, end of book)
Clark, John W., Albany, N. Y.
Claudat, Frank & Son, 446 W 16th, New York
Cleveland Bronze & Brass Works (Light & Heavy), 1140 Hamilton, Cleveland, O.
Cohoes Iron Foundry & Mach. Co., Cohoes, N. Y.
Composite Metal Co., Catasauqua, Pa.
Cornell, J. B. & J. M., Co., 26th & 11th av, New York
Crown Smelting Co., Chester, Pa.
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa
Eastwood Wire Mfg. Co. (1-4 oz. to 20,000 lbs.), Bellevue, N. J.
Enterprise Brass Works, Muskegon, Mich.
Enterprise Foundry Co., 48 Olean, Rochester, N. Y.
Eynon-Evans Mfg. Co., 1519 Clearfield, Phila., Pa., & 120 Liberty, N. Y.
Eureka Tempered Copper Works, Northeast, Pa.
Falcon Bronze Co., Youngstown, O.
Fox Copper & Bronze Mfg. Co., 2624 Smallman, Pittsburg, Pa.
Frankham, Wm., Canton, O.
Fuller Iron Works, Providence, R. I.
G. & P. Engraving Co., 185 Franklin, Boston, Mass.
Garratt, W. T. & Co. (Inc.), 140 Fremont, San Francisco, Cal.
Gibb, V. & Son, Birmingham, Ala.
Gisriel, Wm. & Son, 1527 Guilford av, Baltimore, M
Globe Brass Works, 13 Macomb, Detroit, Mich.
GORHAM MFG. CO., 19th & B'way, New York. (See adv., front stencil)
Grand Rapids Brass Co., Grand Rapids, Mich.
Halstead & Co., 1129 Cherry, Phila., Pa.
Hardy, Wm. A., Fitchburg, Mass.
Harring-Attwood Brass Mfg. Co. (Heavy), Grand Rapids, Mich
Hauck Mfg. Co., 322 W. Pearl, Cincinnati, O.
Henry-Bounard Bronze Co., 430 W 16th, N. Y.
Hendryx, Andrew B. Co., New Haven, Conn.
Hercules Metal Works, Catasauqua, Pa.
Ireland & Matthews Mfg. Co., Detroit, Mich.
Ives, Hobart B. Co., New Haven, Conn.
JACKSON, WM. H. CO., 29 E 17th (Union Square), N. Y. (See adv. index, end of book)
Jefferson Brass Foundry, 209 King, Brooklyn N. Y.
Jenkins Mfg. Co., Bloomfield, N. J.
Kemp, Wm. & Son, Troy, N. Y.
Keystone Foundry Co., Uniontown, Pa.
Kindred & Taylor, Worcester, Mass.
Kraushaar Brass Mfg. Co., St. Louis, Mo.
Lackawanna Lubricator & Mfg. Co., Connellsville, Pa.
Laughlin, Thos. Co., Portland, Me.
Lawrenceville Bronze Co. (Railroad, Machinery, etc.), Pittsburg, Pa
Livermore, Homer F., 85 Pearl, Boston, Mass.
LUMEN BEARING CO., 1155 Sycamore, Buffalo, N. Y. (See adv. index, end of book)
LUNKENHEIMER CO., General Offices, Beekman & Waverly, Cincinnati, O.
McCartney, Josiah, Bay City, Mich.
McCafferty, J. H. & Co., 434 Harrison av, Boston
McGann, Thos. F. (Art, etc.), 104 Portland, Boston, Mass.
Magnus Metal Co. (Tinite), general offices, 830 Ellicott sq, Buffalo, N. Y.; branch offices, Allegheny, Pa.; Jersey City, N. J.; Newark, N. J.; New Haven, Conn.; Depew, N. Y., and 71 B'way, N. Y.
Manhattan Brass Co., 334 E 28th, N. Y.
Mansfield Tempered Copper Co., Mansfield, O.
Menough Foundry Co., Wellsville, O.
Michaels, Lewis, 216 W. Pearl, Cincinnati, O.
Midland Brass Works, Ft. Worth, Tex.
Midland Metal Co., 1427 Catherine, Phila., Pa.
Miller, Edward & Co., Meriden, Conn., & 28 W B'way, N. Y.
Minneapolis Brass & Iron Mfg. Co., 116 1st av, N, Minneapolis, Minn.
Morretti, Giuseppe, 152 W 38th, New York
Mousley, Chas. & Sons, 457 N 12th, Phila., Pa.
Murdock Corporation, 156 Boylston, Boston,
National Brass Mfg. Co., Kansas City, Mo.
National-Fulton Brass Mfg. Co. ("Monarch"), Detroit, Mich.
Nazareth Foundry & Machine Co., Nazareth, Pa.
Noyes Brass Works, Erie, Pa.
Nunn Brass Works (Inc.), Rochester, N. Y.
Ohio Brass Co., Mansfield, O.
Ohio Pump & Brass Co., 18th & Oak, Columbus, O.
Palatka Iron & Brass Foundry, Palatka, Fla.
Pevey Bros., Lowell, Mass.
Phelps, E. E. Co., Syracuse, N. Y.
Phosphor Bronze Smelting Co., 2200 Wash'n av, Philadelphia, Pa.
Pioneer Brass Works, Indianapolis, Ind.
Pittsburg Piping & Equipment Co., Westinghouse bldg, Pittsburg, Pa.
Pittsburg Valve Foundry & Construction Co., Duquesne Way, c 5th, Pittsburg, Pa.
Pleuger & Henger Mfg. Co., 11th & Hebert, St. Louis, Mo.
Portland Co., Portland, Me.
Pratt & Cady Co., Hartford, Conn.
Providence Brass Foundry & Machine Co., Providence, R. I.
Reeves, Paul S. & Son, 1413 Catharine, Philadelphia, Pa.
Richardson, Edro, 316 N Holliday, Baltimore, Md.
RICHEY, BROWNE & DONALD, Maspeth, Borough of Queens, New York City. (See adv. index, end of book)
Ridgway Foundry Co., Ridgway, Pa.
Rowell, W. G. & Co., Bridgeport, Conn.
Ryan, J. J. & Co., 68 W Monroe, Chicago
Ryan, John & Co., Lowell, Mass.
Sheeler-Hemsher Co., 811 Fairmount av, Phila., Pa.
Shriver, T. & Co., 333 E 56th, New York
Silver Bow Foundry & Machine Co., Butte, Mont.
SMITH, F. P. WIRE & IRON WORKS, 100 Lake, Chicago. (See adv. index, end of book)
Smith & Witmeyer, Chester, Pa.
Spence Mfg. Co., 279 Park, Milwaukee, Wis.
Spencer's, I. S. Sons, Guilford, Conn.
Springfield Brass Co., Springfield, Mass.
Stover Mfg. Co., Freeport, Ill.
Toledo Bronze Co., Toledo O.
Turner Brass Works, Franklin & Michigan, Chicago, Ill.
Twentieth Century Brass & Iron Works, Minneapolis, Minn.
United Engineering & Foundry Co. (All weights), Farmers' Bank bldg, Pittsburg, Pa.
U. S. Bronze Co., 149 Columbus, Cleveland, O.
Valley Iron Works Co., Appleton, Wis.
Van Duzen, E. W. Co., 428 E 2d, Cincinnati, O.
Watson, Frye & Co. (Railroad, Mill & Marine, Acid Proof, ¼ to 20,000 lbs), Bath, Me.
Wells, L. Henry, Worcester, Mass.
Williams, E. A. & Son, 105 Plymouth, Jersey City, N. J.
Williams, John, 558 W 27th, New York
Youngstown Bronze Co., Youngstown, O.

Castings (Builders')

See also Firms Marked with a * in Iron, Architectural & Ornamental.
Also Machinists & Founders.

N. J. FOUNDRY & MACHINE CO., 15 Murray, N. Y. (See adv. index, end of book)
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book) (See adv. index, end of book)

Castings (Chemical Work)

Bethlehem Fdy. & Machine Co., So. Bethlehem, Pa.
Caroline Iron Works, 723 S. Caroline, Baltimore, Md.
Co-Operative Foundry, Detroit, Mich.
Cornell, J. B. & J. M., Co., 26th & 11th av, New York
Eastwood Wire Mfg. Co., Belleville, N. J.
LUNKENHEIMER CO., General Offices, Beekman & Waverly, Cincinnati, O. (See adv. index, end of book)
Philadelphia Roll & Machine Co., S. 23d & Wash'n av, Phila., Pa.

Castings (Chrome Steel)

AMERICAN BRAKE SHOE & FOUNdry Co., Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)
Chrome Steel Works (Crucible & Open Hearth), Chrome, N. J.
Taylor Iron & Steel Co., High Bridge, N. J.

Castings (Compressor)

AMERICAN BRAKE SHOE & FOUNdry Co., Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)

Castings (Copper)

Abel, Geo. L., 18 Elk, Buffalo, N. Y.
Aluminum & Bronze Castings Co., 1174 Hamilton, Cleveland, O.
Belfield, H. & Co., 435 N. Broad, Phila., Pa.
Bailey-Farrell Mfg. Co., Pittsburg, Pa.
Best Mfg. Co., 25th & A. V. Ry., Pittsburg, Pa.; 39 Cortlandt, N. Y.; Betz bldg, Phila, Pa.
Bird Brass Works, Ft. Worth, Tex.
Bridgeport Deoxidized Bronze & Metal Co., Bridgeport, Conn.
Canton Saw Co., Canton, O.
Crown Smelting Co., Chester, Pa.
Eastwood Wire Mfg. Co., Belleville, N. J.
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y., & 42 Dey, N. Y. (See adv. index, end of book)
Edwardsville Brass Co., Edwardsville, Ill.
Eynon-Evans Mfg. Co., 1519 Clearfield, Phila., Pa., & 107 Liberty, N. Y
Forest City Electric Co., 111 Windsor av, Cleveland, O.
Fox Copper & Bronze Mfg. Co., 2624 Smallman, Pittsburg, Pa.
G. & P. Engraving Co., Boston, Mass.
Gilb, V. & Son, Birmingham, Ala.
Hardoin Brass Works, 204 Brush, Detroit, Mich.
Hendryx, Andrew B. Co., New Haven, Conn.
Hercules Metal Works, Catasauqua, Pa.
Hoyt, Frank (Solid), Muskegon Heights, Mich.
Ireland & Matthews Mfg. Co., Detroit, Mich.
Jefferson Brass Foundry, 209 King, Brooklyn, N. Y.
Jenkins Mfg. Co., Bloomfield, N. J.
Kettler, M. F., Brass Foundry, Dallas, Tex.
Lackawanna Lubricator & Mfg. Co., Connellsville, Pa.
Lawrenceville Bronze Co. (Railroad, Machinery, etc.), Pittsburg, Pa.
LUMEN BEARING CO., 1155 Sycamore, Buffalo, N. Y. (See adv. index, end of book)
McCartney, Josiah (Solid), Bay City, Mich.
Mansfield Tempered Copper Co., Mansfield, O.
Milwaukee Commutator Co., Milwaukee, Wis.
Midland Brass Works, Ft. Worth, Tex.
Minneapolis Brass & Iron Mfg. Co., 116 1st av. N Minneapolis, Minn.
Muskegon Mfg. Co., Muskegon, Mich.
National Brass Mfg. Co., Kansas City, Mo.
Ohio Brass Co., Mansfield, O.
Perey Bros., Lowell, Mass.
Pittsburg Brass Mfg. Co., 107 Weed, Pittsburg, Pa.
Pittsburg Piping & Equipment Co., Westinghouse bldg, Pittsburg, Pa.
Pleuger & Henger Mfg. Co., 11th & Hebert, St. Louis, Mo.
Process Copper & Brass Co. (Pure Copper), 42 Hudson, Jersey City, N. J.
Reeves, Paul S. & Son, 1415 Catharine, Phila., Pa.
Rowell, W. G. & Co., Bridgeport, Conn.
Ryan, Jno. & Co., Lowell, Mass.
Ryan, J. J. & Co., 68 W Monroe, Chicago
Sheeler-Hemsher Co., 811 Fairmount av, Phila., Pa.
Shriver, T. & Co., 333 E 56th, N. Y.
Sterlingworth Railway Supply Co., North American bldg, Phila., Pa. Works, Easton, Pa.
Turner Brass Works, Franklin & Michigan, Chicago
Vulcan Iron Works, Wilkesbarre, Pa.
Wells, L. Henry, Worcester, Mass.
West Side Foundry Co., Watervliet, Troy, N.Y.
Williams, E. A. & Son, 105 Plymouth, Jersey City, N. J.

Castings (Cupola or Air Furnace)

American Foundry & Construction Co., Hazelwood av, & B. & O. R. R., Pittsburg, Pa.
Buffalo Foundry Co., Buffalo, N. Y.
Builders' Iron Foundry (Gun Iron Air Furnace), Providence, R. I.
Diamond Drill & Machine Co., Birdsboro, Pa.
Dimmick Pipe Co., Birmingham, Ala.
Fischer Foundry & Machine Co. (Light & Heavy), Pittsburg, Pa.
Lehigh Foundry Co. (Up to 50 Tons), Fullerton, Pa.
Ohio Machine Co., Middleport, O.
Phila. Roll & Machine Co. (Heavy), S. 23d & Wash'n av, Phila., Pa
Phila. Steel & Iron Co. (Atlas Steel), Frankford, Phila., Pa.
Sterlingworth Railway Supply Co., North American bldg., Phila., Pa. Works, Easton, Pa.
Troy Malleable Iron Co., Troy, N. Y.

Castings (Damascus Bronze)

Damascus Bronze Co., Allegheny, Pa.

Castings (Dynamo & Motor)

AMERICAN BRAKE SHOE & FOUNdry Co., Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)

Castings (Electrical)

AMERICAN BRAKE SHOE & FOUNdry Co., Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)
Chester Steel Casting Co., Chester, Pa., & 407 Sansom, Phila., Pa.
Drummond, M. J. & Co., 182 B'way, N. Y.
Jones, W. A. Foundry & Machine Co., 143 W. North av, Chicago, Ill.
Wolfe & Englert Composite Metal Co. (Composite Metal), Catasauqua, Pa.

Castings (Elevator)

AMERICAN BRAKE SHOE & FOUNdry Co., Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)

Castings ("Franklin" Metal)

Franklin, H. H. Mfg. Co. (Finished Castings), Syracuse, N. Y.

Castings (Gas Engine)

AMERICAN BRAKE SHOE & FOUNdry Co., Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)
Bessemer Foundry Co., Grove City, Pa.
Shriver, T. & Co., 333 E 56th, N. Y.
TAYLOR & CO., Morgan & Norman avs, Brooklyn, N. Y. (See adv. index, end of book)

Castings (Gas & Water)

(See Cast Iron Pipe Mfgs., Gas & Water.)
(Also Gas Works Apparatus & Construction for Castings for Gas Works).

Castings (German Silver)

Anderson, A. H., 52 N Ann, Chicago, Ill.
Jenkins Mfg. Co., Bloomfield, N. J.

Castings (Grey Iron)

(This List is duplicated under head of Machinists & Founders.)

See also Founders, Malleable Iron.

CALIFORNIA.

SAN FRANCISCO—Graham, Jas. Mfg. Co. (Light)
Richmond Foundry & Mfg. Co. (Light & Heavy), 516 Market

CONNECTICUT.

BRIDGEPORT—Bridgeport Malleable Iron Co. (Refined), (Founders & Finishers)
Eaton, Cole & Burnham Co.
Parsons, R. E. Co.
BRISTOL—Sessions Foundry Co. (Small & Large to Order)
GUILFORD—Spencer's, I. S. Sons
HARTFORD—Hartford Foundry Corporation
Hartford Foundry Co.
Laragy, P.
Pratt & Cady Co.
MIDDLETOWN—Wilcox, Crittenden & Co.
NEW BRITAIN—Malleable Iron Works
Vulcan Iron Works
NEW HAVEN—Barnum, S. H.
Stannard, E. & Son
Warner, G. F. Mfg. Co.
NEW LONDON—Hopson & Chapin Mfg. Co.
NORWICH—Vaughn, A. H. & Sons
ROCKY HILL—Champion Mfg. Co.
TORRINGTON—Turner & Seymour Mfg. Co. (Small)
WATERBURY—Manufacturers Foundry Co.

DELAWARE.

WILMINGTON—Harlin & Hollingsworth Co. (Rough & Finished)
Hilles & Jones Co. (Up to 75 tons)

GEORGIA.

ATLANTA—Withers Fdry & Machine Works
SAVANNAH—Kehoe, Wm. & Sons

ILLINOIS.

CHICAGO—**AMERICAN BRAKE SHOE** & Foundry Co., Western Union bldg. (See adv. index, end of book)
Chicago Hardware Fdy. Co. (Best Light Grey), 45 W Wash'n
Davison, A. H. (Light & Heavy), 109 W Monroe
Eddy, R. M. Foundry Co. (Boiler & Machinery, Castings, Grate Bars, etc.), 59 Indiana
Featherstone Foundry & Machine Co. (For Railroad Use), 348 N. Halsted
Illinois Car & Equipment Co. (Railroad, etc.), Old Colony bldg.
Illinois Malleable Iron Co., 30 W Monroe. Chicago, Ill.
Kurtz Foundry Co., 840 Austin av
Maywood Foundry & Machine Co. (Light & (Heavy), 143 Dearborn
Tarrant Foundry Co. (Light & Heavy), 46 Indiana
Western Foundry Co. (Light Grey), 3654 S. Albany av
Western Iron & Steel Co., 39th c Emerald av
Wagner & Marshall Co., 40 Dearborn
DECATUR—Oakes, Wm. L.
FRANKLIN PARK—Forster, Waterbury & Co.
FREEPORT—Arcade Mfg. Co. (Light)
Stover Mfg. Co. (Light)
LITCHFIELD—Litchfield Foundry & Machine Co.
MORRIS—Nickel Mfg. Co. (Small)
QUINCY—Central Iron Works

INDIANA.

EVANSVILLE—Evansville Foundry Association (Light)
INDIANAPOLIS—Enterprise Foundry & Fence Co., 366 S. Senate av
McNamara-Koster Foundry Co. (Light & (Heavy), 408 S. Penn
Over, Ewald, 426 S Penn
MARION—Marion Grey Iron Foundry Co.
MUNCIE—Muncie Foundry & Machine Co.
SOUTH BEND—South Bend Foundry Co.
TERRE HAUTE—Gartland Grey Iron Works

IOWA.

DAVENPORT—Davenport Foundry & Machine Co.
MUSCATINE—Niver Iron Works Co. (Light & Heavy for all Purposes)

MARYLAND.

BALTIMORE—Baltimore Malleable Iron & Steel Casting Co. (Soft), c Charles & Wells
De Ved & Sons (All Kinds), 813 S Howard
Ellicott Machine Co., Bush & Severn
Lorraine Foundry Co. (All Kinds) Bush & Wicomico
Poole, Robt. & Son Co., 233 E German

MASSACHUSETTS.

FITCHBURG—Goodnow, L. H. Foundry Co.
SPRINGFIELD—Hawkins, R. F. Iron Works
Walsh Iron & Boiler Works

MICHIGAN.

DETROIT—Buhl Malleable Co., Wight & Adair
Leland & Faulconer Mfg. Co.
Northwestern Foundry & Supply Co.(Light & Heavy), Orleans & Detroit River
RUSSEL WHEEL & FOUNDRY Co. (See adv. index, end of book)
GALESBURG—Standard Mfg. Co.
MENOMINEE—Prescott, D. Clint Co.
SAGINAW—Bartlett, A. F. & Co.
YPSILANTI—Michigan Mfg. Co.

MINNESOTA.

MINNEAPOLIS — **MINNEAPOLIS STEEL & Machinery Co.** (Heavy). (See adv. index, end of book)

MISSOURI.

ST. LOUIS—Pleuger & Henger Mfg. Co. (Small), 11th & Hebert
St. Louis Malleable Casting Co.
Western Foundry & Sash Weight Co. (Light & Novelty), 2d & Miller
SPRINGFIELD—United Iron Works Co. (From 1-4 to 15,000 lbs.)

NEBRASKA.

YORK—Downie Mfg. Co. (Up to 20,000 lbs.)

NEW HAMPSHIRE.

NASHAU—White Mountain Freezer Co. (Light & Heavy to Order)

NEW JERSEY.

BELLEVILLE—Eastwood Wire Mfg. Co.
MAHWAH—**AMERICAN BRAKE SHOE** & Foundry Co. (See adv. index, end of book)
American Car & Foundry Co. (Miscellaneous)
NEWARK—Barlow, Arthur S. (Soft), 28 Orange
Meeker, Stephen J., 95 Clay
Sacks, Louis (Star Heel Plate Co.), Hamburg pl & Av L
NEW BRUNSWICK—Empire Foundry Co. (1 oz. to 5 ton)
TRENTON—McFarland Foundry & Machine Works

NEW YORK.

ALBANY—Clark, Jno. W.
Townsend Foundry & Machine Shop Co.
BUFFALO—Buffalo Foundry Co. (Up to 100 tons)
Standard Foundry Co., 29 Mississippi
CAMBRIDGE—Lovejoy, H. H. & Son
COHOES—Cohoes Iron Foundry & Machine Co.
CORNING—Allen, E. R. Foundry Co. (Medium & Heavy)
COXSACKIE—Newbury, J. G.
HORSEHEADS—Weller Hardware & Foundry Co.
MANLIUS—Cheney, S. & Sons (Small)
MONROE—Newbury Mfg. Co. (for Steam Fittings, etc.)

NEW YORK CITY

Borough of Brooklyn.

BROOKLYN—Columbia Machine Works & Malleable Iron Co., 167 Chestnut
TAYLOR & CO., Morgan & Norman avs. (See adv. index, end of book)

Borough of Manhattan & Bronx

NEW YORK—**AMERICAN BRAKE SHOE** & Foundry Co., 170 B'way. (See adv. index, end of book)
COLWELL, ROBT. (Broker), 141 B'way. (See adv. bottom of this page)
Crane, W. H. Co., 1133 B'way
Eaton, Cole & Burnham Co. (Founders & Finishers), 253 B'way. Works, Bridgeport, Conn.
Illinois Car & Equipment Co. (R. R., etc.) 28 Broad
Lehigh Foundry Co. (Light & Heavy), 25 Broad
Shriver, T. & Co., 333 E 56th
United States Ship Building Co. (Marine, etc.), 43 Cedar, N. Y.
Universal Caster & Foundry Co. (Small & Medium), 1170 B'way
PEEKSKILL—Crane, Wm. M. Co.
SANDY HILL—Sandy Hill Iron & Brass Works
SYRACUSE—Engelberg, Huller & Co., 831 W Fayette
Smith & Caffrey, 421 N Salina
TROY—Empire Forge Co.
West Side Foundry Co. (Plain & Machined, Light & Heavy), Westervliet

OHIO.

CANTON—Canton Saw Co.
CINCINNATI—Haney & Spicker (All Kinds), 125 W 2d
M. & R. Iron Foundry, Patterson, bet Bank & Harrison
Monarch Foundry Co., 1728 Powers
Tatum, Sam'l C. Co. (Fine Castings), 414 W Water
CLEVELAND—Acme Foundry Co. (Fine Light & Medium)
Forest City Foundry Mfg. Co. (Small)
Hoffman Hinge & Foundry Co. (Light)
Interstate Foundry Co., Sheridan nr Willson av
MADISON AVE FOUNDRY CO. (Light & Heavy), 155 E Madison av
Ohio Foundry Co. (Light & Heavy)
Palmers & De Mooy Foundry Co. (Light a Specialty)
Standard Foundry & Mfg. Co. (Light Castings & Hardware Specialties)
Variety Iron Works Co. (Heavy)
Walworth Run Foundry Co., 883 Empress
COLUMBUS—Hance-Brown Casting Co., Columbus, O.
Simpson Iron Co. (Light Founders & Finishers)
HAMILTON—Vulcan Foundry Co. (Light & Medium)
LORAIN—Lorain Steel Co.
MARIETTA—Pattin Bros. Co.
MT. VERNON—Cureton Foundry Co. (Up to 6 Ton)
SANDUSKY — **NATIONAL VALVE CO.** (See adv. index, end of book)
SPRINGFIELD—Gray Iron Casting Co.
Hennessy Foundry Co.
Robbins & Meyers Co. (Light & Medium)
Springfield Foundry Co.
TOLEDO—Wilks Foundry Co. (Heavy Castings a Specialty)
YOUNGSTOWN — Youngstown Bronze Co. (Small)
Youngstown Engineering Co.

PENNSYLVANIA.

ALLENTOWN—Daughty Foundry Co. (Light & (Heavy)
BLOOMSBURG—Harman-Cogger Co. (Light & Heavy)
BUTLER—Butler Foundry & Machine Co.
CLAYSVILLE—South Pittsburg Iron Works (All Kinds)
COLUMBIA—Columbia Grey Iron Co. (Light)
DU BOIS—Du Bois Iron Works
EASTON—Easton Foundry & Machine Co.
ERIE—Cascade Foundry Co.
National Foundry Co.
Walker Foundry Co.
FREELAND—Salmon Iron Co.
FREEMANSBURG—Shimer, Wm. Sons & Co.
FULLERTON—Lehigh Foundry Co. (Light & Heavy)
GROVE CITY—Bessemer Foundry Co.
HARRISBURG—Harrisburg Foundry & Machine Works
JOHNSTOWN—Lorain Steel Co. (Specialty R. R. Castings)
LANCASTER—Hubley Mfg. Co. (Light Finished in any Manner)
MANHEIM—Baum Separator & Machine Co. (Light & Medium Heavy)
MT. JOY—Grey Iron Casting Co.
NAZARETH—Nazareth Foundry & Machine Co.
PHILADELPHIA—Devlin, Thos. Mfg. Co., 3d & Lehigh av
Janney, Steinmetz & Co. (Mfrs. Agents), Drexel bldg
Moore, E. J. Machine & Foundry Co., 2227 Wood
Phila. Foundry & Machine Co. (Heavy, Daily Capacity 40 Tons), 30th & Gray's Ferry rd
Phila. Stove & Iron F'dry Co., 1625 N 5th
Tacony Iron Co., 713 Chestnut
Tioga Foundry Co. (Machinery & Railroad, etc.), 22d & Alleghany av, Phila, Pa.
PITTSBURG—Butler Foundry & Machine Co., Farmers' B'k bldg
Fischer Foundry & Machine Co. (Light & Heavy)
PHOENIX STEEL CONSTRUCTION Co., Penn av & 3d
Pittsburg Valve Foundry & Construction Co., Duquesne Way, c 5th
South Pittsburg Iron Works, Empire bldg
READING—Reading Foundry Co.
Roeper-Kincaid Mfg. Co. (Machinery, Castings, etc.)
TATAMY—Messinger Mfg. Co.
TYRONE—Burley Heater Co.
UNIONTOWN—McConnell Wheel & Mine Supply Co.
WARREN—Allegheny Foundry Co. (For All Purposes)
WEATHERLY—Weatherly Foundry & Machine Co. (Railroad, etc.)

Castings

ROBERT COLWELL,
Broker in MALLEABLE, GREY IRON or STEEL CASTINGS or FORGINGS
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1500 First Class FOUNDRY CORRESPONDENTS. Deliveries made at any point in United States.
Contracts for Annual Requirements or Special Orders of Consumers placed with Reliable Foundries familiar with the class of work in question. *High Grade Work. Prompt Delivery. Low Prices.*
CORRESPONDENCE SOLICITED.

WRIGHTSVILLE—Susquehanna Casting Co. (Light)
YORK—Norway Iron & Steel Co.
York Mfg. Co.

RHODE ISLAND.

PROVIDENCE—Brown & Sharpe Mfg Co. (1 oz. to 2 Ton)
Builders' Iron Foundry (Heavy for Water Works, Pipe Fittings, etc.)
Franklin Machine Co. (1 oz. to 5 Ton)

TENNESEE.

CHATTANOOGA—Ross-Mechan Foundry Co.

TEXAS.

FT. WORTH—Harrell & Eastwood.

VIRGINIA.

LYNCHBURG—Lynchburg Foundry Co.
RICHMOND—Carr, Jas. W. (All of Special), 319 W Clay

WISCONSIN.

CUDAHY—Power & Mining Machinery Co.
MILWAUKEE—Milwaukee Malleable & Grey Iron Works, 24th av
National Electric Co.
Schwab, R. J. & Sons Co.
Western Malleable & Grey Iron Mfg. Co. (Light Grey Iron & Machinery), 139 Burrell
SO. MILWAUKEE—**STOWELL MFG. &** Foundry Co. (See adv. index, end of book)

Castings (Gun Metal)

American Valve & Meter Co., Cincinnati, O.
Best Mfg. Co., 25th & A. V. Ry., Pittsburg, Pa.; 39 Cortlandt, N. Y., Betz bldg., Phila., Pa., & Sydney, Australia
Builders' Iron Foundry, Providence, R. I.
Chapman, J. B. & Co., Springfield, Mass.
Crown Smelting Co., Chester, Pa.
LUNKENHEIMER CO., General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, N. Y., & 35 Great Dover St. London, England. (See adv. index, end of book)
Phila. Roll & Machine Co., S 23d & Wash'n av, Phila., Pa.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Reeves, Paul S. & Son, 1413 Catharine, Phila., Pa.
Rowell, W. G. & Co., Bridgeport, Conn.
Shriver, T. & Co., 333 E 56th, N. Y.
Swoop, Julian M., 913 Girod, New Orleans, La.
Vanduzen, E. W. Co., 428 E 2d, Cincinnati, O.
Vulcan Iron Works, Wilkesbarre, Pa.
Walworth Mfg. Co., 132 Federal, Boston Mass.
Williams, E. A. & Son, 105 Plymouth, Jersey City, N. J.
York Mfg. Co., York, Pa.

Castings (Lead)

American Tool & Machine Co., 109 Beach, Boston, Mass.

Castings (Lumen Bronze)

LUMEN BEARING CO., 1155 Sycamore, Buffalo, N. Y. (See adv. index, end of book)

Castings (Machinery)

(This List is duplicated under head of Machinists & Founders.)
See also Founders, Malleable Iron;
Castings, Aluminum;
Castings, Brass;
Castings, Bronze;
Castings, Copper;
Castings, Grey Iron;
Castings, Gun Metal;
Castings, Manganese Bronze;
Castings, Marine;
Castings, Phosphor Bronze;
Castings, Steel.
Adams, Wm. & Co., 960 N 9th, Phila., Pa.
Allen, E. R. Foundry Co. (Heavy Grey Iron), Corning, N. Y.
Allentown Fdy. & Machine Works Co. (Inc.), Allentown, Pa
Adamson, Alex., Akron, O.
Akron Foundry Co. (One lb. to Ten Tons), Akron, O.
AMERICAN BRAKE SHOE & FOUNdry Co., Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)
American Car & Foundry Co., 706 Chestnut, St. Louis, Mo., & 25 Broad, N. Y.
American Foundry & Machine Co. (Up to 10 Tons), Hanover, Pa. Works, Glenville, Pa.
American Ship Building Co., 120 Viaduct, Cleveland, O.
American Tool & Machine Co., 109 Beach, Boston, Mass.
Armourdale Fdry. Co., Kansas City, Mo.
Ball Engine Co., Erie, Pa.
Baltimore Malleable Iron & Steel Casting Co., Baltimore, Md.
Bayley, Wm. & Sons Co. (Heavy), 732 Greenbush, Milwaukee, Wis.
Belcher Malleable Iron Co., Easton, Mass.
Bell & Fyfe Foundry Co., c Kent av & 11th, Brooklyn, N. Y.
Bessemer Foundry Co. (Grey Iron), Grove City, Pa.
Bethlehem Foundry & Machine Co., South Bethlehem, Pa.
Bowler Foundry Co., Cleveland, O.
Buckeye Foundry Co., 2257 Buck, Cincinnati, O.
Builders' Iron Foundry (Grey Iron & Gun Iron Air Furnaces), Providence, R. I.
Burr & Houston Co. (Light a Specialty), 84 Calyer, Brooklyn, N. Y.
Caldwell, E. R. & Co. (Up to 5 Tons), Bradford, Pa.
Canton Roll & Machinery Co. (Heavy of Every Description), Canton, O.
Cascade Foundry Co. (Fine Grey Iron), Erie, Pa.
Catawissa Car & Foundry Works, Catawissa, Pa.
Central Foundry Co., Lynn, Mass.
City Foundry Co. (Up to 40 Tons), 1151 Hamilton, Cleveland, O.
Clark, Jno. W., Albany, N. Y.
Cole Mfg. Co., Lakeport, N. H.
Cook, R. A. (1 to 10,000 Pds.), Stevens Point, Wis.
Columbia Iron Foundry Co., 55 Hudson, Jersey City, N. J.
Cooper, C. & G. Co. (Heavy), Mt. Vernon, Ohio.
Cornell, J. B. & J. M., Co. (1 lb. to 40 tons), 26th & 11th av, New York
Crown Smelting Co., Chester, Pa.
Curry & Vannan (1 lb. to 30,000 lbs.), Danville, Pa.
Daugherty Foundry Co., Allentown, Pa.
Davenport Foundry & Machine Co., 1693 W 4th, Davenport, Ia.
Davis Foundry Co., Lawrence, Mass.
Detroit Steel Casting Co. (Steel), Detroit, Mich.
Diamond State Steel Co., Wilmington, Del.; 29 B'way, New York, & Phila., Pa.
Dickson Car Wheel Co., Houston, Tex.
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls., N. Y., & 42 Dey, N. Y. (See adv. index, end of book)
Duffus, Wm. M., 719 Kent av., Brooklyn, N. Y.
Easton Foundry & Machine Co., Easton, Pa.
Eastwood Wire Mfg. Co. (Iron, Brass & Bronze), Belleville, N. J.
Eddy, R. M., Foundry Co., 43 Indiana, Chicago
Enterprise Foundry Co., Muskegon Heights, Mich.
Erie Foundry Co., Erie, Pa.
Fairbanks Machine Tool Co., Springfield, O.
Falk Co., ft 30th Milwaukee, Wis.; 79 New Montgomery, San Francisco, Cal.
Farrell Foundry & Machine Co. (Heavy), Ansonia, Conn.
Featherstone's Foundry & Machine Co., 354 N Halstead, Chicago
Fuchs & Lang Mfg. Co., 29 Warren, New York
Fuller Iron Works, Providence, R. I.
Fulton Foundry Co., Cleveland, O.
Gibby Iron Foundry Co., 98 Condor, E. B., Boston, Mass.
Gifford Bros., Hudson, N. Y.
Globe Iron Works (Inc.), Stockton, Cal.
Green's Car Wheel & Mfg. Co., 3018 N B'way, St. Louis, Mo.
Greger Mfg. Co., 22d & Wash'n av. Phila., Pa.
Grove Foundry & Machine Co. (Small), West Bridgewater, Pa.
Gurney, Jas. & Co., 202 Border, Boston, Mass.
Hayes Foundry Co. (Fine Castings), Lynn, Mass.
Harman, A. C., Hornellsville, N. Y.
Hartford Foundry Corp., Hartford, Conn.
Haughton Elevator & Machine Co., Toledo, O.
Hayes, J. A. Foundry Co. (Fine Castings), Lynn, Mass.
Haywood, Wilson & Co., Fitchburg, Mass.
Helmick Foundry Machine Co., Fairmont, W. Va.
Hedley, John (Prop. Western Foundry), 215 Harrison, San Francisco, Cal.
Holdsworth, Wm. H. & Son, 452 Rodney, Brooklyn, N. Y.
Holyoke Machine Co., Holyoke, Mass.
Horrell & Eastwood, Ft. Worth, Tex.
Jones, W. A. Foundry & Machine Co., 143 W North av, Chicago, Ill.
Kahl, Fredk. (Light & Heavy), 12 St. Aubin av, Detroit, Mich.
Kehoe, Wm. & Sons, Savannah, Ga.
Kinzer & Jones Mfg. Co., 101 Penn av, Pittsburg, Pa.
Klotz Machine Co., Sandusky, O.
Knott, Harker & Co., Beaver Falls, Pa.
Lebanon Boiler Foundry & Machine Co., Lebanon, Pa.
Le Baron Fdry. Co., Middleboro, Mass., & 113 B'way, N. Y.
Lehigh Foundry Co. (Gray Iron Up to 20 Tons), Fullerton, Pa.
Lima Locomotive & Machine Co., Lima, O.
Link Belt Machinery Co., W 39th & Stewart av, Chicago
Lobdell Car Wheel Co., Wilmington, Del.
McKinney, Jas. & Son, Albany, N. Y.
McLagon Foundry Co., New Haven, Conn.
MacKintosh, Hemphill & Co., ft 12th st., Pittsburg
Madison Av. Foundry Co. ("Light & Heavy" Up to 59 Tons), 155 E Madison av, Cleveland, O.
Mahoning Foundry & Machine Co., Youngstown, O.
MARINE ENGINE & MACHINE CO., (100 lbs. to 40,000 lbs.), Main Office, 1123 B'way, N. Y. Works, Harrison, N. J. (See adv. index, end of book)
Massachusetts Steel Casting Co. (Juniper Steel), Everett, Mass.
Massillon Iron & Steel Co. (Heavy), Massillon, O.
Means Foundry & Machine Co., Steubenville, O.
Meerbach & Schneider, Frankford av c Vandike, Phila., Pa.
Metcalf & Morrison, 126 Polk, Newark, N. J.
Milwaukee Malleable & Grey Iron Works, Milwaukee, Wis.
Minneapolis Steel & Machinery Co., Minneapolis, Minn.
National Foundry Co., Erie, Pa.
National Foundry Co., 32 Sanford, Brooklyn, N. Y.
Neemes Bros., 206 1st, Troy, N. Y.
Newbold R. S. & Son Co. (Heavy), Norristown, Pa.
Norwood Foundry Co. (All Kinds), Cinn., Ohio.
Ohio Machine Co., Middleport, O.
Page's Isaiah Sons, Albany, N. Y.
Palmer, C. F., Utica, N. Y.
Palmers & De Mooy Foundry Co., Leonard & Winter, Cleveland, O.
Patch, S. B., & Sons, Streator, Ill.
Pevey Bros., Lowell, Mass.
Peacock's Iron Works, Selma, Ala.
Penna. Malleable Co., Park bldg, Pittsburg Pa. Works, McKee's Rocks, Pa.
Petersburg Iron Works Co., Petersburg Va.
Phillips & McLaren (Heavy), 24th & Smallman, Pittsburg, Pa.
Pittsburg Foundry Machine Co., Pittsburg, Pa.
Pittsburg Mfg. Co., 28th & R. R., Pittsburg, Pa.
Pittsburg Steel Co., Pittsburg, Pa.
Poole, J. Morton Co. (Heavy), Wilmington, Del.
Poole, Robt. & Son Co., 233 E. German, Baltimore, Md.
Poorman Mfg. Co., Piqua, O.
Portland Co., Portland, Me.
Pratt & Letchworth Co., Buffalo, N. Y.
Prox & Brinkman Mfg. Co., Terre Haute, Ind.
Ramapo Iron Works, Hillburn, N. Y.; Niagara Falls, N. Y., & 170 B'way, New York
Reading Iron Co., Reading, Pa.
Reynolds, Chalou Foundry Co., Troy, N. Y.
Ricard Boiler & Engine Co., 700 Water, Toledo, O.
Riverside Foundry Co., 26 Carter, Cleveland, O.
Rockford Malleable Iron Works (Inc.), Rockford, Ill.
Roeper-Kincaid Mfg. Co. (Grey Iron), Reading, Pa.
Rohrman, Theo. B., 30th & Chestnut, Phila., Pa.
Rosendale Foundry Co., Allegheny, Pa.

RUSSEL WHEEL & FOUNDRY CO., (Grey Iron), Detroit, Mich. (See adv. index, end of book)
St. Albans Foundry & Implement Co., St. Albans, Vt.
St. Louis Car Wheel Co., Spring av & M. P. Ry, St. Louis, Mo.
St. Louis Iron & Steel Foundry Co., St. Louis, Mo.
Sennett, Geo. B. Co. (10 to 1000 Pounds), Youngstown, O.
Sessions Fdry. Co., Bristol, Conn.
Shriver, T. & Co., 333 E 56th, N. Y.
Simpson Foundry Co., 26 Rodney, Brooklyn, N. Y.
South St. Louis Foundry, 7516 S. B'way, St. Louis, Mo.
Southern Malleable Iron Works, Chattanooga, Tenn.
Sterrit-Thomas Foundry Co., 32d & Smallman, Pittsburg, Pa.
Stover Mfg. Co., Freeport, Ill.
Tacony Iron Co., 713 Chestnut, Phila., Pa.
Tarrant Foundry Co. (Up to 15 Tons), 46 Indiana, Chicago
Taylor & Boggis Foundry Co. (Light), 521 Seneca, Cleveland, O.
TAYLOR & CO. (Machine Moulded), Morgan & Norman avs, Brooklyn, N. Y. (See adv. below)

TAYLOR & CO.
Iron Founders
We make a Specialty of MACHINE MOULDED CASTINGS
415-429 Driggs Ave., BROOKLYN, N. Y.

Taunton Locomotive Mfg. Co., Taunton, Mass.
Thompson, J. & Co., c Van Horn & Sophia, Phila., Pa.
Tioga Foundry Co., 22d & Alleghany av, Phila., Pa.
Toledo Foundry & Machine Co., 202 Cherry, Toledo, O.
Townsend Foundry & Machine Shop Co., B'way c Rennsselaer, Albany, N. Y.
Union Foundry & Machine Shop Co., W Carson st., Pittsburg, Pa.
U. S. Cast Iron Pipe & Fdry. Co., 217 La Salle, Chicago, Ill.; 80 B'way, N. Y.; Land Title Bldg., Phila., Pa., & Chattanooga, Tenn.
Valley Iron Works, St. Paul, Minn.
Valley Iron Works (Inc.), Williamsport, Pa.
Variety Iron Works Co. (Up to 15 Ton), 76 Scranton av, Cleveland, O.
Walker Foundry Co., Erie, Pa.
Washburn Shops (Brass & Iron), Worcester, Mass.
Weatherly Foundry & Machine Co. (Heavy), Weatherly, Pa.
Western Foundry & Sash Weight Co., St. Louis Mo.
Western Malleable & Grey Iron Mfg. Co., 139 Burrell, Milwaukee, Wis.
West Side Foundry Co., Watervliet, Troy, N. Y.
Wheeling Mold & Foundry Co., Wheeling, W. Va
Wood, R. D. & Co., 400 Chestnut, Phila., Pa.
YAGLE FOUNDRY & MACHINE CO., (Ltd.), 32d & A. V. Ry., Pittsburg, Pa. (See adv. index, end of book)
York Mfg. Co., York, Pa.; 11 B'way, New York, & North American bldg, Philadelphia, Pa.
Youngstown Engineering Co., Youngstown, O.

Castings (Malleable Iron)

(See Founders Malleable Iron.)

Castings (Manganese Bronze)

Blake, T. J. & Son, Hartford, Conn.
Chapman, J. B. & Co., Springfield, Mass.
Cramp, W. & Sons Ship & Engine Building Co. (Parsons), Philadelphia, Pa.
Crown Smelting Co., Chester, Pa.
Eynon-Evans Mfg. Co., 1519 Clearfield, Philadelphia, Pa., & 32 B'way, New York
Lehigh Valley Brass Works, Bethlehem, Pa.
LUMEN BEARING CO., 1155 Sycamore, Buffalo, N. Y. (See adv. index, end of book)
Merchant & Co. (Inc.), 517 Arch, Phila., Pa., 247 Water, N. Y.; Chicago, Ill.; & B'klyn, N. Y.
Reeves, Paul S. & Son, 1413 Catharine, Philadelphia, Pa.
Ryan, J. J. & Co., 63 W Monroe, Chicago
Union Iron Works, 222 Market, San Francisco, Cal.
Wells, L. Henry ("Parsons"), Worcester, Mass.
Williams, E. A. & Son, 105 Plymouth, Jersey City, N. J.

Castings (Manganese Steel)

Allen, Edgar & Co., 51 John, New York
AMERICAN BRAKE SHOE & FOUNdry Co., Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)
Blake, T. J. & Son, Hartford, Conn.
Brylgon Steel Casting Co. (Low Carbon for Electrical Purposes), New Castle, Del.
Taylor Iron & Steel Co., High Bridge, N. J.

Castings (Marine)

AMERICAN BRAKE SHOE & FOUNdry Co., Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)
Bethlehem Foundry & Machine Co., So. Bethlehem, Pa.
Columbia Iron Foundry Co., 55 Hudson, Jersey City, N. J.
Cramp, Wm. & Sons Ship & Engine Building Co., Philadelphia, Pa.
Crown Smelting Co., Chester, Pa.
Eastwood Wire Mfg. Co. (Iron, Brass, Bronze, etc.), Beeleville, N. J.
Great Lakes Engineering Works, Detroit, Mich.
Gurney, Jas.. & Co. (Heavy Brass, Composition, etc.), 202 Border, Boston, Mass..
MARINE ENGINE & MACHINE CO. (100 lbs. to 40,000 lbs.), Main office, 1123 B'way, N. Y. Works, Harrison, N. J. (See adv. index, end of book)
Petersburg Iron Works Co., Petersburg, Va.
Reeves, Paul S. & Son, 1413 Catharine, Philadelphia, Pa.

Castings (Mining)

AMERICAN BRAKE SHOE & FOUNdry Co., Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)

Castings (Nickel Steel)

AMERICAN BRAKE SHOE & FOUNdry Co., Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)
American Steel Fondries. Main office, 74 B'way, New York; Fischer bldg, Chicago, Ill.; St. Louis, Mo., & Frick bldg, Pittsburg, Pa.
Eastwood Wire Mfg. Co., Belleville, N. J.

Castings (Ordnance)

AMERICAN BRAKE SHOE & FOUNdry Co., Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)
American & British Mfg. Co., Providence, R. I., & Bridgeport, Conn.
Midvale Steel Co., Nicetown, Phila., Pa.

Castings (Parson's Bronze)

Cramp, Wm. & Sons Ship & Engine Building Co., Philadelphia, Pa.
Morris, I. P., Co. (Up to 50 Ton), cor Beach & Ball, Phila., Pa.

Casting (Perfection Bronze)

Eastwood Wire Mfg. Co. (1-4 oz. to 20,000 lbs), Belleville, N. J.

Castings (Phosphor Bronze)

American Valve & Meter Co., Cincinnati, O.
Anderson, A. H. (Light & Heavy), 52 N Ann Chicago, Ill.
Bailey-Farrell Mfg. Co., Pittsburg, Pa.
Bay State Brass Foundry Co., 155 A st, So. B., Boston
Belfield, H. & Co., 435 N Broad, Phila., Pa.
Best Mfg. Co., Pittsburg, Pa.; 39 Cortlandt, New York; Betz bldg, Phila., Pa.
Blake, T. J. & Son, Hartford, Conn.
Chapman, J. B. & Co., Springfield, Mass.
Crown Smelting Co., Chester, Pa.
Curry & Vannan Danville, Pa.
Damascus Bronze Co., Allegheny, Pa.
Darling Pump & Mfg. Co., Williamsport, Pa.
Edna Smelting & Refining Co., 525 Reading rd, Cincinnati, O.; & Monodnock blk, Chicago
Emory, P. P., Mfg. Co. (1 oz. to 5000 pounds), Springfield, Mass.
Eynon-Evans Mfg. Co., 1915 Clearfield, Philadelphia, Pa., & 32 B'way, New York
Garratt, J. W. Brass Fdy. Co. (¼ oz. to 5.000 lbs.), 2028 Walnut. St. Louis, Mo.
Harring-Attwood Brass Mfg. Co. (Heavy), Grand Rapids, Mich.
Hoyt, Frank, Muskegon Heights, Mich.
Langsenkamp Bros. Brass Works, Indianapolis, Ind.
Leffel, Jas. & Co., Springfield, O., & 120 Liberty, N. Y.
Lehigh Valley Brass Works, Bethlehem, Pa.
LUNKENHEIMER CO., General Offices, Beekman & Waverly, Cincinnati, O., 26 Cortlandt, N. Y., & 35 Great Dover st., S. E., London, England. (See adv. index, end of book)
LUMEN BEARING CO., 1155 Sycamore, Buffalo, N. Y. (See adv. index, end of book)
McCartney, Josiah, Bay City, Mich.
McHatton Smelting Co., 1500 Wash'n av, Philadelphia, Pa.
Merchant & Co. (Inc.), 517 Arch, Philadelphia, Pa.; 245 Water, New York; Chicago, Ill., & Brooklyn, N. Y.
Mansfield Tempered Copper Co., Mansfield, O.
Messmer, Ferd Mfg. Co., St. Louis, Mo.
Minneapolis Brass & Iron Mfg. Co., Minneapolis, Minn.
Moore & Harper, Portland, Oregon
Ohio Brass Co., Mansfield, O.
Phosphor Bronze Smelting Co., 2200 Wash'n av, Philadelphia, Pa.
Pioneer Brass Works, Indianapolis, Ind.
Pittsburg Brass Mfg. Co., 107 Wood, Pittsburg, Pa.
Pittsburg Valve Fdry. & Construction Co., 5th & Duquesne way, Pittsburg, Pa.
Power & Mining Machinery Co., Cudahy, Wis.
Reeves, Paul S. & Son, 1413 Catharine, Phila., Pa.
Richardson, Edro, 316 N Holliday, Baltimore, Md.
Rowell, W. G. & Co., Bridgeport, Conn.
Silver Bow Foundry & Machine Co., Butte, Mont
United Engineering & Foundry Co. (All Weights), Farmers' Bank bldg, Pittsburg, Pa.
U. S. Bronze Co., 381 St Clair, Cleveland, O.
Watson, Frye & Co., Bath, Me.
Williams, E. A. & Son, 105 Plymouth, Jersey City, N. J.

Castings (Railroad)

(This List is Duplicated under Head of "Machinists & Founders.")

See also Founders, Malleable Iron;
Castings, Aluminum;
Castings, Brass;
Castings, Bronze;
Castings, Copper;
Castings, Grey Iron;
Castings, Gun Metal;
Castings, Phosphor Bronze;
Castings, Steel.

Albany Malleable Iron Works (Page & Sill), Albany, N. Y.
Allentown Rolling Mills, Allentown, Pa.
AMERICAN BRAKE SHOE & FOUNdry Co. (Iron & Steel, Car & Locomotive), Mahwah, N. J. Branches—170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)
American Car & Foundry Co., St. Louis, Mo., & 25 Broad, New York
Baltimore Malleable Iron & Steel Castings Co., Baltimore, Md.
Barney & Smith Car Co., Dayton, O.
Barnum-Richardson Co., Lime Rock, Conn.
Bass Foundry & Machine Co. (Steel & Iron), Ft. Wayne, Ind.
Baugher, Kurtz & Co. (Ltd.), York, Pa.
Bellwood Mfg. Co. (All Kinds of Car Castings), Bellwood, Pa.
Bethlehem Steel Co. (Steel & Iron), South Bethlehem, Pa., & 100 B'way, New York
Bingham & Taylor, 218 Ellicott sq., Buffalo, N. Y.
Bloomsburg Car Mfg. Co. (and General), Bloomsburg, Pa.
Buckeye Steel Castings Co., Columbus, O.

Buda Foundry & Mfg. Co., Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill.
Caldwell, E. R., & Co. (Up to 40,000 pounds), Bradford, Pa.
Catawissa Car & Foundry Works, Catawissa, Pa.
Chester Steel Castings Co., 407 Sansom, Philadelphia, Pa., & Chester, Pa.
Chickasaw Iron Works, Memphis, Tenn.
Cole Mfg. Co., Lakeport, N. H.
Cornell, J. B. & J. M., Co., 26th & 11th av,
Crown Smelting Co., Chester Pa. New York
Davenport Foundry & Mach. Co., Davenport, Ia.
Davis & Thomas Co. (also Electric R. R.), Catasauqua, Pa.
Dayton Malleable Iron Co., Dayton, O.
Diamond State Steel Co., Wilmington, Del., 29 B'way, N. Y., & Phila., Pa.
Dickson Car Wheel Co. (Car, Engine, etc.), Houston, Tex
Dimmick Pipe Co., Birmingham, Ala.
Elkhart Frog & Crossing Works, Elkhart, Ind.
Falk Co., Milwaukee, Wis., & 79 New Montgomery, San Francisco, Cal.
Featherstone Foundry & Machine Co. (Grey Iron), 348 N Halsted, Chicago, Ill.
Fort Madison Iron Works Co., Ft. Madison, Ia.
Fort Wayne Foundry & Machine Co., Ft. Wayne, Ind., & The Rookery, Chicago
Fulton Foundry Co., Cleveland, O.
Gould Coupler Co., 1 W 34th, New York; Rookery bldg, Chicago; Commercial bldg, St. Louis, Mo. Works, Depew, N. Y.
Green's Car Wheel Mfg. Co. (Locomotive, etc.), St. Louis, Mo.
Griffin Wheel Co., Western Union bldg., Chicago, Ill.; 100 B'way, N. Y.; St. Paul, Minn., & Detroit, Mich.
Illinois Car & Equipment Co., Old Colony bldg, Chicago, & 28 Broad, New York
Johnston, R. R. Frog & Switch Co., Chester, Pa.
Keystone Car Wheel Co. (Iron & Brass), 35 Nassau, New York, Park bldg, Pittsburg, Pa. Works, Rochester, N. Y.; West Homestead, Pa.; Cleveland, O., & Sayre, Pa.
Laconia Car Co., 50 State, Boston, Mass Works, Laconia, N. H.
Lancaster Malleable Iron Works, Lancaster, N. Y.
Lehigh Car Wheel & Axle Works, Fullerton, Pa.
Lehigh Foundry Co. (Gray Iron, Up to 20 Tons), Fullerton, Pa.
Lobdell Car Wheel Co., Wilmington, Del.
Manistee Iron Works Co. (Iron, etc.), Manistee, Mich
Meadville Malleable Iron Co. (Malleable Iron), Meadville, Pa.
Michigan Malleable Iron Co., St. Clair & Anderson avs, Detroit, Mich
Middletown Car Works (Inc.), Middletown, Pa.
Midvale Steel Co. (Steel Only), Main Office & works, Nicetown, Phila., Pa.; 100 B'way, New York; Old Colony bldg, Chicago
Milwaukee Malleable & Gray Iron Works Co., 24th av L. P., Milwaukee, Wis.
MINNEAPOLIS STEEL & MACHINERY Co., Minneapolis, Minn. (See adv. index, end of book)
Missouri Car & Foundry Co., St. Louis, Mo.
Missouri Malleable Iron Co., E St Louis, Ill.
Mount Vernon Car Mfg. Co. (Car), Mt. Vernon, Ill.
Mowry Car Wheel Works, 2401 Eastern av, Cincinnati, O.
National Car Wheel Co. (Iron & Brass), 35 Nassau, New York, & Park bldg, Pittsburg, Pa. Works, Rochester, N. Y.; West Homestead, Pa.; Cleveland, O.; Sayre, Pa.
National Foundry Co., Erie, Pa.
National Iron Works, Spokane, Wash.
National Malleable Castings Co. (Malleable Iron), Chicago; Indianapolis; Cleveland & Toledo
N. Y. Switch & Crossing Co., Hoboken, N. J.
Northwestern Foundry (Inc.), Minneapolis, Minn.
Oriskany Malleable Iron Co., Oriskany, N. Y.
Page's, Isaiah Sons, Albany, N. Y.
Peacock's Iron Works, Selma, Ala.
Penn Steel Casting & Machine Co., Chester, Pa.,
Pittsburg Steel Foundry (Steel), Pittsburg, Pa.
Pratt & Letchworth Co. (Malleable Car & Locomotive; also Steel), Buffalo, N. Y.
Prox & Brinkman Mfg. Co., Terre Haute, Ind.
Ramapo Iron Works, Hillburn, N. Y.: Niagara Falls, N. Y., & 170 B'way, New York
Reliance Steel Casting Co. (Steel), Pittsburg, Pa.
Riverside Foundry Co., 26 Carter, Cleveland, O.
Rockford Malleable Iron Works, Rockford, Ill.
Rosendale Foundry Co., Allegheny, Pa.
RUSSEL WHEEL & FOUNDRY CO. Detroit, Mich. (See adv. index, end of book)
St. Louis Car Wheel Co., Spring av & M. P. Ry., St. Louis, Mo.
ST. PAUL FOUNDRY CO., Coma av & Topping, St. Paul, Minn. (See adv. index, end of book)
South Baltimore Steel Car & Foundry Co. (Car), Baltimore, Md., & 11 B'way, N. Y.
Southern Malleable Iron Co., Chattanooga, Tenn.
Taunton Locomotive Mfg. Co., Taunton, Mass.
Tioga Foundry Co., 22d & Alleghany av, Phila., Pa.
Troy Malleable Iron Co., Troy, N. Y.
Tyrone Foundry & Machine Co., Tyrone, Pa.
Union Foundry & Machine Co., W Carson st, Pittsburg, Pa.
Union Iron & Foundry Co., 1458 S 2d, St. Louis, Mo.
Valley Iron Works, Williamsport, Pa.
Vulcan Iron Works, Wilkesbarre, Pa.
Wason Mfg. Co., Springfield, Mass.
Weatherly Foundry & Machine Co. (Grey Iron), Weatherly, Pa.
Western Steel Car & Foundry Co., Old Colony bldg, Chicago, Ill. Works, Hegewisch, Ill.
West Side Foundry Co., Watervliet, Troy, N. Y.
Wharton, Wm., Jr., & Co., 25th & Wash'n av, Philadelphia, Pa.
Wheeling Mold & Foundry Co., Wheeling, W. Va.
White Mfg. Co., 556 W 34th, New York
Whiteley Malleable Castings Co., Muncie, Ind.
Wisconsin Malleable Iron Co., Milwaukee, Wis.
Youngstown Engineering Co., Youngstown, O.

Castings (Rock Crusher)

AMERICAN BRAKE SHOE & FOUNDRY Co., Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)
Chester Steel Castings Co., Chester, Pa.
Eastwood Wire Mfg. Co., Belleville, N. J.
Green's Car Wheel Mfg. Co. (Chilled), St. Louis, Mo.
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
Phila. Roll & Machine Co., S 23d & Wash'n av, Phila., Pa.
Steele & Condit (Also for Elevators & Screens), 70 Pearl, Jersey City, N. J.
Taylor Iron & Steel Co., High Bridge, N. J.

Castings (Rolling Mill & Furnace)

(This List is Duplicated under Head of "Machinists & Founders.")

AMERICAN BRAKE SHOE & FOUNDRY Co., Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)
(See also Machinery, Rolling Mill; also Rolls, Sand & Chilled)
American Foundry & Construction Co., Hazlewood av, & B. & O. R. R., Pittsburg, Pa.
Bethlehem Steel Co., South Bethlehem, Pa., & 100 B'way, New York
Braddock Machine & Mfg. Co., Braddock, Pa.
Brown-Corliss Engine Co., Corliss, Wis.
Canton Roll & Machine Co., Canton, O.
Cooper, C. & G. Co., Mt. Vernon, O.
Davenport Foundry & Machine Co., Davenport, Ia.
Fischer Foundry & Machine Co., Pittsburg, Pa.
Garrison, A. Foundry Co., Pittsburg, Pa.
Hogg, Geo. A. Iron & Steel Foundry Co., Pittsburg, Pa.
Hyde Park Foundry & Machine Co., Hyde Park, Pa., & Frick bldg., Pittsburg, Pa.
Johnson Foundry & Machine Co., Reading, Pa.
Lebanon Foundry Co., Lebanon, Pa.
Lewis Foundry & Machine Co., 1001 Bingham, Pittsburg, Pa.
Mackintosh, Hemphill & Co., ft 12th, Pittsburg, Pa.
Mahoning Foundry & Machine Co., Youngstown, O.
Marshall Foundry, 28th & R. R., Pittsburgh, Pa.
Massillon Iron & Steel Co., Massillon, O., & The Rookery, Chicago
Mesta Machine Co., Pittsburg, Pa.
National Electric Co., Milwaukee, Wis.
National Gear Wheel & Foundry Co., South av & Walker, Allegheny, Pa.
Newbold, R. S. & Son Co. (Heavy), Norristown, Pa.
Northwestern Foundry (Inc.), Minneapolis Minn.
Ohio Machine Co., Middleport, O.
Penn Engineering Works, New Castle, Pa.
Phila. Roll & Machine Co., S 23d & Wash'n av, Phila., Pa.
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
Reading Iron Co., Reading, Pa.
Riverside Foundry Co., 26 Carter, Cleveland, O.
Rosendale Foundry Co., Allegheny, Pa.
Sennett Geo. B. Co., Youngstown, O.
Sharon Foundry Co., Wheatland, Pa.
Spicer Mfg. Co., New Philadelphia, O.
Sterrit-Thomas Foundry Co., 32d & Smallman, Pittsburg, Pa.
Tyrone Foundry & Machine Co., Tyrone, Pa.
United Engineering & Foundry Co., Pittsburg, Pa. & Youngstown, O.
Valley Iron Works, Williamsport, Pa.
Variety Iron Works Co., Cleveland, O.
Velte Foundry & Machine Co., Home & A. V. R. R., Pittsburg, Pa.
Vulcan Foundry & Machine Co., New Castle, Pa.
Weimer Machine Works Co., Lebanon, Pa.
West Penn Foundry & Machine Co., Avonmore, Pa.
Wheeling Mold & Foundry Co., Wheeling, W. Va.
YAGLE FOUNDRY & MACHINE CO., (Ltd.), (Runners, Fountains, Sprue Plates, etc.), 32d & A. V. Ry, Pittsburg, Pa. See adv. index, end of book)
Youngstown Engineering Co., Youngstown, O.
Youngstown Foundry & Machine Co., Youngstown, O.

Castings (Semi-Steel)

Allegheny Foundry Co. Warren, Pa.
AMERICAN BRAKE SHOE & FOUNDRY Co., Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)
Best Mfg. Co., 25th & A. V. Ry., Pittsburg, Pa.; 39 Cortlandt, N. Y.: Betz bldg, Phila., Pa., & Sydney, Australia
Bethlehem Foundry & Machine Co., S Bethlehem, Pa.
Birmingham Iron Foundry (Heavy, also Iron), Derby, Conn.
Buckeye Steel Castings Co., Columbus O.
Buffalo Foundry Co., Buffalo, N. Y.
Canton Roll & Machine Co., Canton, O.
Columbia Engineering Works, Portland, Ore.
Farrell Foundry & Machine Co. (Heavy), Ansonia, Conn.
Malleable Iron Fittings Co. (Homogenous Metal), Branford, Conn.
National Electric Co., Milwaukee, Wis.
Power & Mining Machinery Co., 52 William New York. Works, Cudahy, Wis.
Shriver, T. & Co., 333 E. 56th, N. Y.
Scoville, Geo. B., Waterbury, Conn.
Wilmington Malleable Iron Co., Wilmington, Del.

Castings (Sewer)

(See Sewer, Manhole Covers; also Sewer Inlet Mfrs.)

Castings (Steam Fitters')

(See Fittings, various kinds.)

Castings (Steel)

(This List is Duplicated under Head of "Machinists & Founders.")

ALABAMA.

BIRMINGHAM—Tennessee Coal, Iron & R. R. Co.

CALIFORNIA.

SAN FRANCISCO—Midvale Steel Co., 220 Market. Works. Phila., Pa.
Pacific Rolling Mill Co., 519 Mission
Union Iron Works, 222 Market

COLORADO.

DENVER—Denver Steel Casting Co.
PUEBLO—American Automatic Switch Co.

CONNECTICUT.

BRANTFORD—Malleable Iron Fittings Co.
DERBY—Birmingham Iron Foundry Co.
NEW HAVEN—National Steel Foundry Co. (Open Hearth)

DELAWARE.

NEW CASTLE—Baldt Steel Co. (Open Hearth, up to 50 tons each)
Brylgon Steel Casting Co. (Semi-Steel)

ILLINOIS.

CARPENTERSVILLE—Star Mfg. Co. (Plow Shapes & Specialties)
CHICAGO—**AMERICAN BRAKE SHOE** & Foundry Co. ("Tropenas" Process, Small, for Tools, Hammers, Wrenches, Picks, Sledges, Motors, Gears, Dies & Machinery Castings, etc.), Western Union bldg. (See adv. below)
American Steel Foundries (Open Hearth up to any Weight), Fisher bldg
Atlas Railway Supply Co., Manhattan bldg.
Chester Steel Castings Co., 30 W Randolph. Works, Chester, Pa.
Gould Coupler Co., The Rookery, Chicago. Ill. Works, Depew, N. Y.
Latrobe Steel & Coupler Co., Old Colony bldg. Works, Melrose Park, Ill., & Latrobe, Pa.
Midvale Steel Co. (for Gun Carriages, Mounts, etc., & Armour Piercing Shot & Shell), Old Colony bldg. Works, Phila. Pa.
National Car Coupler Co. (Open Hearth), Monadnock blk. Works, Converse, Ind.
Smith, Geo. H., Steel Casting Co., 40 Dearborn
Western Steel Car & Foundry Co., Old Colony bldg
Whiteley Steel Co. (High-Grade Small), Marquette bldg. Works, Muncie, Ind.
CHICAGO HEIGHTS—**AMERICAN** Brake Shoe & Foundry Co. (Miscellaneous Small, 30 lbs. & Under). (See adv. below)
King & Andrews Co. (Small), Chicago Heights
EAST ST. LOUIS—American Steel Foundries (Open Hearth up to any Weight)
GRANITE—American Steel Foundries (Open Hearth up to any Weight)
Commonwealth Steel Co. Office, St. Louis, Mo.
MELROSE PARK—Latrobe Steel & Coupler Co.

INDIANA.

CONVERSE—National Car Coupler Co.
EVANSVILLE—Evansville Tool Works
INDIANA HARBOR—American Steel Foundries (Open Hearth up to any Weight)
FORT WAYNE—Fort Wayne Steel Foundry Co.
MATTHEWS—Matthews Steel Casting Co.
MONTPELIER—National Steel Castings Co. (Open Hearth)
MUNCIE—Whiteley Steel Co. (High-Grade Small)
PERU—Peru Steel Casting Co.

IOWA.

DES MOINES—Damascus Crucible Steel Casting Co.
LONE TREE—Monarch Grubber Mfg. Co.

MARYLAND.

BALTIMORE—Baltimore Malleable Iron & Steel Casting Co. (Tough), c Charles & Wells

MASSACHUSETTS.

BOSTON—Cuff, Jno. F. (For Light Machines), 101 Portland
Livermore, Homer F. (Light). 85 Pearl.
Pennsylvania Steel Co., 70 Kilby. Works. Steelton, Pa.
Tool Steel Casting Co. (Crucible), 90 Canal
Tremont Nail Co. (Bessemer), 76 Pearl
United States Co., 145 Oliver
EVERETT—Massachusetts Steel Casting Co. (1 to 60,000 pounds, Open Hearth Jupiter)
HYDE PARK—New England Steel Casting Co.
WEST WAREHAM—Tremont Nail Co. (Bessemer)
WORCESTER—Arcade Malleable Iron Co. (All Kinds)
Worcester Iron & Metal Co., 101 Lafayette.
Worcester Malleable Iron Works

MICHIGAN.

DETROIT—Detroit Steel Castings Co. (Car Locomotive, etc.), 1243 Michigan av

MISSOURI.

ST. LOUIS—American Steel Foundries (Open Hearth up to any Weight)
Commonwealth Steel Co., Bank of Commerce bldg. Works, Granite City, Ill.
Gould Coupler Co, 420 Olive. Works, Depew, N. Y.
Scullin-Gallagher Iron & Steel Co. (Open Hearth, up to 60,000 pounds), Kraft st & Manchester av

NEW JERSEY.

CHROME—Chrome Steel Works ("Crucible & Open Hearth)
DELAWANNA — Cooper - Wigand - Cooke Co. (Open Hearth, Large & Small)
HIGH BRIDGE—Taylor Iron & Steel Co.
HOBOKEN—New York Switch & Crossing Co.
MAHWAH—**AMERICAN BRAKE SHOE** & Foundry Co. ("Tropenas" Process Small for Tools, Hammers, Wrenches, Picks, Sledges, Motors, Gears, Dies & Machinery Castings, etc.) (See adv. below)
NEWARK—Atha Steel Co. (Machine Moulded, 10 to 500 lbs.).
RAHWAY—New Jersey Steel Co.

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Western Union Building - - - - Chicago.

NEW YORK.

BUFFALO—Acme Steel & Malleable Iron Works
Pratt & Letchworth Co., 189 Tonawanda
DEPEW—Gould Coupler Co.

NEW YORK CITY.

(Borough of Brooklyn.)

BROOKLYN—Hay-Budden Mfg. Co., 254 N Henry

Boroughs of Manhattan & Bronx

NEW YORK—**AMERICAN BRAKE** Shoe & Foundry Co. ("Tropenas" Process Small for Tools, Hammers, Wrenches, Picks, Sledges, Motors, Gears, Dies & Machinery Castings, etc.), 170 B'way. (See adv. index, preceding page)
American Steel Foundries (Open Hearth up to any Weight), 74 B'way
Bethlehem Steel Co., 100 B'way. Works. South Bethlehem, Pa.
COLWELL, ROBT. (Broker), 141 B'way. (See adv. index, end of book)
Cooper-Wigand-Cooke Co. (Open Hearth, Large & Small, Complicated & Core Work), 154 W 34th. Works, Delawanna, N. J.
Flagg, Stanley G. & Co., 220 B'way. Works, Phila., Pa.
Gould Coupler Co., 1 W 34th. Works, Depew, N. Y.
Gould Steel Co., 1 W 34th. Works, Anderson, Ind.
Johnson, Isaac G. & Co., Spuyten Duyvil
Latrobe Steel & Coupler Co., 11 B'way, Works, Latrobe, Pa., & Melrose Park, Ill.
Midvale Steel Co. (for Gun Carriages, Mounts, etc., & Amrour Piercing Shot & Shell), 100 B'way. Works, Phila., Pa.
National Car Coupler Co. (Open Hearth), 150 B'way
Otis Steel Co., 71 B'way. Works, Cleveland, O.
Pennsylvania Steel Co., 71 B'way. Main office & Works, Steelton, Pa.

Borough of Queens

LONG ISLAND CITY—Astoria Steel Co.

(END OF NEW YORK CITY.)

SYRACUSE—Frazier & Jones Co. (Saddlery & Small)

OHIO.

AKRON—Wellman-Seaver-Morgan Co.
ALLIANCE—American Steel Foundries (Open Hearth up to any Weight)
CANTON—Canton Crucible Steel Co.
Canton Saw Co.
CLEVELAND—Cleveland Steel Casting Co. (Open Hearth, Heavy)
Macbeth Iron Co., 57 W. Center, Cleveland, O.
Otis Steel Co. (100 to 75,000 lbs.), Lake & Lawrence
COLUMBUS—Buckeye Steel Castings Co. (Iron, Steel & Semi-Steel)
Wellman-Seaver-Morgan Co.
JOHNSTOWN—Lorain Steel Co. (All Kinds)
LORAIN—Lorain Steel Co. (All Kinds)
MT. VERNON—Coxey Steel & Silica Sand Co.
NEWARK—Newark Iron & Steel Co. (Open Hearth)
PORTSMOUTH—Portsmouth Steel Co.
YOUNGSTOWN—United Engineering & Foundry Co. (All Weights)
Youngstown Foundry & Machine Co. (Open Hearth, 1 lb to 100,000 lbs Rough or Machined)

PENNSYLVANIA.

BIRDSBORO—Diamond Drill & Machine Co. (Open Hearth.)
BRADDOCK—American Duplex Steel Co.
Sterling Steel Casting Co.
BURNHAM—Standard Steel Works (Locomotive)
CHESTER—American Steel Foundries (Open Hearth up to any Weight)
Chester Steel Castings Co. (of every description up to 40,000 pounds)
Delaware River Steel Casting Co. B'k bldg
Penn Steel Casting & Machine Co. (Open Hearth, 40 to 80,000 pounds)
Seaboard Steel Casting Co. (Open Hearth, up to 80,000 pounds)
Solid Steel Casting Co. (R. R. & Machine)
CORAOPOLIS—Duquesne Steel Foundry Co.
CORRY—McInnes Steel Co. (Tool Steel)
FRANKLIN—American Steel Foundries (Open Hearth up to any Weight)
Franklin Rolling Mill & Foundry Co.
GLASSPORT—Pittsburg Steel Foundry. (Up to 60,000 lbs.)
JOHNSTOWN—Cambria Steel Co. Main office, Phila., Pa.
LANSDALE—Bancroft & Co.
LANCASTER—Carbon Steel Castings Co.
McKEE'S ROCKS—Pennsylvania Malleable Iron Co.
PHILADELPHIA—American Nickel Steel Co., Bullitt bldg
American Pressed Steel Co., Arcade bldg
Cambria Steel Co., Arcade bldg
Chester Steel Castings Co., 407 Sansom
Flagg, Stanley G. & Co. (½ oz. to 500 pounds), 424 N 19th
Latrobe Steel & Coupler Co., Girard bldg.
Midvale Steel Co. (for Gun Carriage, Mounts, etc., & Armour Piercing Shot & Shell), Nicetown
Pennsylvania Steel Company, Girard bldg
Philadelphia Steel & Iron Co. (Atlas Steel.) Fkd
Standard Steel Works (Locomotive), Harrison bldg
Wharton, Wm., Jr. & Co. (Inc.), (also Iron), 25th & Washington av
PITTSBURG—American Steel Foundries (Open Hearth, to any Weight), Frick bldg.
Butler Foundry & Machine Co., Farmers' B'k bldg.
Duquesne Steel Foundry Co., Arrott bldg. Works, Coraopolis, Pa.
Hogg, Geo. A., Iron & Steel Foundry Co., 24th & R. R.
Mackintosh, Hemphill & Co., ft of 12th
McConway & Torley Co. (Open Hearth), 48th & A. V. R. R.
Mesta Machine Co., Lewis blk
Ohio Valley Steel Foundry Co. (Open Hearth), Empire bldg
Pennsylvania Malleable Iron Co. Works, McKees Rocks, Pa.
Pittsburg Steel Foundry (up to 60,000 pounds), 541 Wood
Riter-Conley Mfg. Co. (Open Hearth Furnace), 56 Water
Simonds Mfg. Co. (Electrical), 25th & Liberty av
Sterling Steel Foundry Co. (Open Hearth). Frick bldg.
Union Steel Casting Co., 61st & A. V. R. R.
United Engineering & Foundry Co. (All Weights), Farmers' Bank bldg.
READING—Brylgon Steel Casting Co.
SHARON—American Steel Foundries (Open Hearth, up to any weight)
National Malleable Casting Co. (Open Hearth, R. R. Castings & Motor Gear Blanks)
SOUTH BETHLEHEM—Bethlehem Steel Co.
STEELTON—Pennsylvania Steel Co.
YORK—Norway Iron & Steel Co. (Direct Open Hearth, All Kinds up to 500 pounds)

WEST VIRGINIA.

PADEN CITY—Ohio Valley Steel Foundry Co. (Open Hearth)
WHEELING—Portsmouth Steel Co.

WISCONSIN.

CUDAHY—Power & Mining Machinery Co.
MADISON—Hercules Steel Casting Co.
MILWAUKEE—Crucible Steel Casting Co. (to 1200 pounds), 618 Clinton
Dutcher, J. A. & P. E. Co. (also Wrought Steel), Kinnikinnic av
Falk Co. (Open Hearth), ft. 30th
National Electric Co.
Smith, Geo. Steel Casting Co. (Specialty Dynamo & Motor Steel, etc.), 500 Clinton

Castings (Steel Dredge)

AMERICAN BRAKE SHOE & FOUNDRY Co., Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)
Chester Steel Casting Co., Chester, Pa.
Detroit Steel Casting Co., 124 Michigan av, Detroit, Mich.

Castings (Stone Crusher)

(See Castings, Rock Crusher.)

Castings (Sugar House)

AMERICAN BRAKE SHOE & FOUNDRY CO., Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)
Dimmick Pipe Co., Birmingham, Ala.

Castings (Tempered Copper, for Commutator Bars)

Eureka Tempered Copper Co., North East, Pa.,
Mansfield Tempered Copper Co., Mansfield, O.

Castings (Tropenas Steel)

AMERICAN BRAKE SHOE & FOUNDRY CO., Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)

Castings ("Tubal" Bronze)

Reeves, Paul S. & Son, 1413 Catharine, Phila., Pa.

Castings (Water Works)

See Cast Iron Pipe Mfrs., Gas & Water.
Valves, Gate for Water Mains.
Sewer Manhole Covers.
Fittings, Water Works.

Castings (Zinc)

Anderson, A. H., 52 N Ann, Chicago, Ill.
Gerock Bros. Mfg. Co., 1252 Manchester av, St. Louis, Mo.
Hauck Mfg. Co., 322 W Pearl, Cincinnati, O.
Van Duzen, E. V. Co., 428 E 2d, Cincinnati, O.

Catch Basins & Covers.

See Basins, Catch.
Also Sewer Inlets.

Catchers (Trolley Pole)

Ham Sand Box Co. (The Trojan), Troy, N. Y.
Stearns, E. C. & Co. (Milloy), Syracuse, N. Y.
Wilson & Co., 114 Front, Brooklyn, N. Y.

Ceilings (Corrugated Steel)

(See Ceilings, Sheet-Steel; also Iron & Steel Corrugated Mfrs.)

Ceilings ("Gypsite" Tile)

Fireproofing Tile Co. (Suspended from Wood Joist or "I" Beams), 250 Beecher av, Detroit, Mich.

Ceilings (Marbleized Glass)

Denzi & Philips, 24 Dey, N. Y.
Manhattan Glass Tile Co. (Glass Tile)., 157 10th av., N. Y.
Mansfield & Co., 158 Chambers, New York.

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Statuary, Steel Ceilings, Etc.

Ceilings (Sheet Steel)

Acme Sheet Metal Co., Martins Ferry, O.
American Metal Ceiling Co., 215 Montague, Brooklyn, N. Y.
American Steel Roofing Co., Middletown, O.
BERGER MFG. CO., Main Office & Works, Canton, O. Branches, 23 Lake, Chicago, Ill.; 210 E 23d, N. Y.; 623 N Main, St. Louis, Mo.; 176 Federal, Boston, Mass.; 1215 Filbert, Phila, Pa. (See adv. index, end of book)
Brooklyn Metal Ceiling Co., 283 Greene av, Brooklyn, N. Y.
Cambridge Roofing Co., Cambridge, O.
Canton Steel Roofing Co., Canton, O., & 157 W 23d, N. Y.
Dickelman Mfg. Co., Forest, O.
Edwards Mfg. Co., 119 Sycamore, Cincinnati, O.
Eller, J. H. & Co., Canton, O.
Encaustique Metal Co. ("Burnt-on Enameled"), Bessemer bldg, Pittsburg, Pa.
FRIEDLEY & VOSHARDT, 202 Mather, Chicago, Ill. (See adv. top of this page)
Iron City Metal Ceiling Co., 2412 Penn. av, Pittsburg, Pa.
Kanneberg Roofing & Ceiling Co., Canton, O.
Keighley, S., Metal Ceiling & Mfg. Co., Locust & Chestnut, Pittsburg, Pa.
KINNEAR & GAGER CO., Columbus, O. (See adv., next page)
Knapp Bros., 123 Franklin, Chicago, Ill.
Lyle & Mills Metal Ceiling Co., 231 William, New York
MILWAUKEE CORRUGATING CO., Milwaukee, Wis. (See adv. index, end of book)
New York Metal Ceiling Co., 537 to 541 W 24th, New York
Northrop, Coburn & Dodge Co., 40 Cherry, New York
Penn Metal Ceiling & Roofing Co. (Ltd.), 23d & Hamilton, Phila., Pa., & 559 Atlantic av, Boston, Mass.
St. Paul Roofing Cornice & Ornament Co., St. Paul, Minn., & Baltimore, Md.
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)
Sheet Metal Mfg. Co., Niles, O.
Souther, E. E. Iron Co., 2206 N 2d, St. Louis, Mo.
Steel Roofing & Stamping Works (W. F. Hansen, Prop.), Des Moines, Ia.
SYKES STEEL ROOFING CO., 600 S Morgan, Chicago, Ill. (See adv. index, end of book)
Tiffin Art Metal Co., Tiffin, O.
Vinton Steel Works Co., Vinton, Ia.
Warren Independent Steel Co., Warren, Ill.
West Virginia Steel Co., Wheeling, W. Va.
WHEELING CORRUGATING CO., Wheeling, W. Va.; 47 Cliff, New York; 45 Lake, Chicago, Ill.; 112 S 8th, St. Louis, Mo.; 402 Race, Phila., Pa.; 132 Pearl, Boston, Mass, & King St., Chattanooga, Tenn. (See adv. below)
WIEBER, HENRY E. (Mfrs. Agent). Kingston, N. Y. (See adv. index, end of book)

Cellar Drainers (Automatic)

Braender, Philip, 63 W 125th, New York
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ELLIS CO. ("Ellis" Steam or Water Pressure), 216 W 23d, New York. (See adv. index, end of book)
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Friedenwald Bros., 216 N Holliday, Baltimore, Md.
Kemp, C. M. Mfg. Co., 401 E Oliver, Baltimore, Md.
Lawler Water Feed & Damper Regulator Co. (Lawler's), 81 Mercer, New York.

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Celluloid Co., 34 Washington pl., N. Y., & Newark, N. J.
Pin Lock Medallion Co., 214 State, Chicago
Whitehead & Hoag Co., Newark, N. J.

Cement and Concrete Pavements

(See also Contractors, Asphalt Pavement; also Contractors General; also Masons and Builders.)

ALABAMA.

MOBILE—Robinson, Geo. A. Contracting Co.
MONTGOMERY—Conniff, J. S. & Co.
SELMA—Bennett, P. G.

ARKANSAS.

LITTLE ROCK—Weideman, Hy.

CALIFORNIA.

ALAMEDA—Britt, Geo. G.
Kirchoff, Emil
Mackenzie, Geo. H.
Potts, Jas.
Powell, Roy V., 2260 Central av
BERKELEY—Contra Costa Construction Co.
Downey, Michael
Schnoor, Peter H.
LOS ANGELES—California Concrete Bldg. Block Co.
Clark & Taylor
Leonardt, C., 438 Byrne bldg
OAKLAND—Drath, H.
Heitkes, R., 1323 7th
Hillhouse & Reardon, 313 13th
Hutchinson Co., 401 14 th
Janis, J. E., 5873 Vallejo
Kling, J. L., 524 E 23d
Mason, Jno., 1414 8th av
Oakland Paving Co., Central Bank bldg
O'Leary, C., 861 Lydia
Perry, J. M., 568 18th
Ransome Construction Co., 473 14th
Stone, E. B. & A. L. Co., 900 B'way
Wicker, L. R., 1457 12th av
SACRAMENTO—Harder, O. & Son, 2415 10th
McGillivray, J. S., 2319 G
Shearer, J. D., 2224 O
Teichert, Adolph, 2401 J
SAN FRANCISCO—California Concrete Co., 220 Montgomery
Carillon, C. A., 4516 20th
City Street Improvement Co., 11 Mills bldg
Flinn & Tracy, 302 Montg'y
Gervais, Hy., 1219 Market
Gilletti, S. System Co., Fillmore c Bay
Goodman, Geo., 307 Montgomery
Gray Bros., Hayward bldg
Griese, Carl, 40 New Montgomery
Haun, C. C. W., 313 28th
Jackson, P. H. & Co., 228 1st
Keatinge, Leonard, 40 New Montgomery
Keatinge, Maurice, 40 N Montgomery
Keatinge, Rich'd, 40 New Montg'y
Lynch, And'w, 1206 Clement
McCoy, Alex., 1123 Market
Mattingly, Richard C., 1910 Green
O'Brien, Jas. H., 11 Montg'y
Pacific Paving Co., Phelan bldg
Peterson, H. L., 731 Treat av
Pioneer Asphaltum & Artificial Stone Co., 614 Commercial
Rodd, Chas. H. & Co., 1712 Central av
San Francisco Paving Co., 26 Montg'y
Scheerer, Jos. & Co., 10th c Brannan
Schmidt, Jno., 2028 Lombard
Schmidt, Louis, 1266 Union
Schottler, H. & Co., 605 Clay
Stettin, Herman, 839 Cole
Stettin, Reinbold, 839 Cole
Union Construction Co., 219 Montg'y
Union Paving & Contracting Co., Clunie bldg
Wand & Wand, 40 New Montg'y
Wetmore, G. P. & Co., Chestnut c Montg'y
Williams, Belser & Co., Hayward bldg.
Zimmerman, Louis, 3017 Buchanan
SAN JOSE—Colahan, C. E., 398 W Santa Clara
Fisher, S., cor. Wash'n & 10th
Hanson, G. W., 36 S 2d
Otto, Louis C., 36 S 2d
Riechers, J. & Son, 36 S 2d
Smith & Stadler, 54 N 1st
SANTA ANA—Grouard, C. E.
Halsel, J. I.
Smith, H. E.
STOCKTON—Hammond & Yardley, Weber av
Hedges & Buck, Weber av
Smith & Rice, 228 Aurora
Southworth Cratton & Co., Main st

COLORADO.

COLORADO SPRINGS—Colorado Springs Stone & Cement Co.
DENVER—Bartels, Fred, 1640 Champa
Colorado Roofing & Paving Co., 218 15th
Heimbecker, C. F., 507 15th
Hinchman-Renton Fire Proofing Co., 1815 Arapahoe
Miller, Hy. & Co., 1837 Stout
Saltiel, Jno. T., Charles bldg.

CONNECTICUT.

ANSONIA—Hennessey, Thos.
Houghtaling, W. N.
BRIDGEPORT—Anderson, J. J. & Co., 952 Main
Bullard, W. S., 632 Water
Burns & Co., 83 Fairfield
Doolittle, E. T., 10 Cowles

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CHICAGO: 45-47 LAKE ST.
ST. LOUIS: 112-116 SO. 8TH ST.
PHILADELPHIA: 402-406 RACE ST.
BOSTON: 132-134 PEARL ST.
CHATTANOOGA: KING ST.

O'Connor, Michael, 596 E. Wash. av
Pascone, Jno. & Co., 183 Steuben
Pierce, B. D., Jr., 122 Bank
Silliman & Godfrey Co., 1119 Broad
BRISTOL—Gaylord, Ira
Keirns, T. H.
DANBURY—Beard, J. P., 43 Spring
Benjamin, F. C. & Co., 13 Spring
Sherman, Jas. L.
DERBY—Fagan, F. H. Co.
Gilligan, J. C.
Patchen, R. T. & Son
GREENWICH—Banks & Brush
Eagan, Thomas
HARTFORD—Billings' Sidewalk & Coal Co., 278 Asylum
Hartford Paving & Construction Co.
Clarke, E. W. & Son, 32 Village
Owen, Thos., 38 Anawan
Southern New England Paving Co.
Watson & Jackson, 283 Sheldon
MERIDEN—Dahill, John F.
Lane, John S. & Son
MILFORD—Clarke, Edw. N.
NAUGATUCK—Dunn, Jeremiah H.
Potter, Charles M., 267 Water
NEW HAVEN—Blakeslee, C. W. & Sons, 58 Waverly
Brady, Terence, 2 Cedar Hill av
Butler, Hy., 29 Fillmore
Clark, C. W. & Son, 173 Long Wharf
Connecticut Concrete Co., 49 Church
Coyne Bros. Concrete Co., 250 Blatchley av
Humphrey, Jno., 69 Winchester av
Kellogg, C. W. & Co. (Vitrified Stone), 506 State
Loughlin, Patrick, 256 James
Morrissey 149 Greenwich av
Redfield, Edw. R., 277 George
Robinson, C. Dwight (Carbonized), 1 College
Thompson, John P., 962 Grand av
NEW LONDON—Andre Benjamin, 88 William
Burch, H. O. & Co., 410 Grand
Fitzgerald, Michael H., 6 Truman
Post, Elisha, Gardner av, n Montauk av
Rogers, H. E.
NORWALK—Clark, Frank F., Newton av
Clark, H. O.
Edmunds, John W., 13 Wall
Morton, John B., 58 Taylor av, S. N.
Raymond Bros., 137 Wash'n, S. N.
Sanders, Henry A.
Sheldon, Wm., 19 Wilcox av
NORWICH—Dexter, J. A.
Nickerson, A. B.
Peck, McWilliams & Co.
Rice, Frank G.
PLAINVILLE—Hart, R. G.
PUTNAM—Arnold, A. L. & Co.
ROCKVILLE—Harris, A. E.
SOUTHINGTON—Barnes, Luther
S. NORWALK—(See Norwalk)
STAMFORD—Blondel, Leonard
Bounty, A. E.
Dean & Horton
Holly, Cornelius
TORRINGTON—Crockett, Chas. W.
Gleeson, P.
WALLINGFORD—Crockett, C. W.
WATERBURY—Byrnes, Matthew D., N Main
Chatfield & Chatfield, 55 Benedict
Dooling, Thos., 64 Stone
Excelsior Concrete Co., 8 Baldwins av
McGrath & Son, 26 Magill
Riggs, Gardner G., 50 Kellog
Waterbury Concrete Co., 19 Field.
WILLIMANTIC—Sullivan, M.
WINSTED—Adams, H. O.
Beers, N. O.

DELAWARE.

WILMINGTON—Davis & Bro., 827 Lombard
Hamilton, Jos. S., 605 Franklin
Lenderman & Bro., 10 W 8th
McCaulley, Geo. W & Son Co., 103 W 8th
McColgan, Jas., 1019 Lancaster av
Reed, A. S. & Bro. Co., 815 Shipley
Simmons & Bro., 421 Market

DISTRICT OF COLUMBIA.

WASHINGTON—Brennan Construction Co., ft 31st, N. W.
Colburn Paving Co., Bond bldg
Cranford Paving Co., Home Life bldg
Fahey & Co., Wash'n Sav. Bank bldg
Grove Lime & Coal Co., N Capitol & E

FLORIDA.

JACKSONVILLE—Southern Tile & Artificial Stone Co.
TAMPA—Tampa Tile & Paving Co.

GEORGIA.

ATLANTA—Atlanta Terra Cotta Co., 6 N Forsyth
Atlanta Tile Co., 123 Central av
Murphy, C. P. & Son, 6 N Forsyth
Smith, O. A. Roofing & Contracting Co., 27 Walton
Southern Roofing Co., Belt Line, nr Van Winkles

ILLINOIS.

AURORA—Safford, R. S. & Co.
Salfisberg, J. E. & Co.
Watkins & Co.
CAIRO—Halliday & Fletcher
Quinn, Charles
Quinn, James
CHAMPAIGN—Rape, J. W.
CHICAGO—Bairstow, Jas. & Co., 4165 N Clark
Barnet, Jas. B., 78 Lasalle
Baum, Christian, 3638 Wallace
Biesen, Peter F., 145 La Salle
Blome, R. S. Co., Unity bldg
Blunck, Ferdinand L., 52 Wilmot av
Blunck, Geo. P., 52 Wilmot av
Brownell Improvement Co., 1220 Chamber of Commerce
Byers-Mills Construction Co., 825 W 63d
Citizens' Construction Co., 138 Wash.
Conway, R. F. Co., Cham. of Com. bldg
Dillon, Conlan & Co., 172 Wash'n
Dolese Bros. Co., 78 Lasalle
Federal Asphalt Co., New York Life bldg
Fulton, J. L. & Co., Monadnock blk
Garden City Paving & Post Co., 167 Dearborn
Graff, Albert & Co., 177 La Salle
Grosse, Hy C., 639 Cortland
Hedegard, J. L. 145 LaSalle
Heineman, J. A. & Co., 84 La Salle
Hoeffer & Co., Cham. of Com. bldg
Hoff, H. C. & Co., 78 La Salle
Illinois Portland Cement Paving Co., 218 La-Salle
International Asphalt Co., 138 Wash.
Karstens & Robrahn, 125 La Salle
Kehl, Gottfried, 625 N Campbell av
Kelly, Jas. T., 741 W 43d
Laffler, A. J. & Co., 185 Dearborn
Larsen, Hans. P., 145 LaSalle
Lynch, Jno. & Co., 145 La Salle
McDonald, A. P., 463 S Marshfield av
McEvoy, W. P. & Co., 97 Clark
Nichol & Anderson, 164 Lasalle
Nichols, W. & Co., 1323 W Ravenswood Pk.
O'Mara & Gahan, 5456 S Halsted
Otley Mfg. Co., Cham. of Com. bldg
Panoch Sidewalk Construction Co., 77 Clark
Perkins, E. B., 663 Flournoy
Pleas, J. H. & Co., 306 Eastwood av
Powell Bros., 138 Wash'n
Powell, M. W. Co., 204 Dearborn
Powell-West Co., 204 Dearborn
Ray Bros., 184 Dearborn
Runge, M., 670 N Rockwell
Sackley, J. A. Co., Cham. of Com. bldg
Savage Construction Co., 188 Madison
Schillinger Bros. Co., 194 N Morgan
Sennott Paving Co., 84 Wash'n
Simpson Construction Co., 704 Cham. of Com. bldg.
Smith & Brown, 78 LaSalle
Standard Concrete Construction Co., 184 La Salle
Standard Paving Co., 34 Clark
Standard Roofing Co., 290 N Halsted
Steel Bound Concrete Co. "Steel Bound," 145 Lasalle
Warner Construction Co., 112 Clark
Wetterstrom, E. J., 78 La Salle
Wheeler, W. W. & Co., 154 W Wash'n
Wheeler & Thomas Roofing Co., 169 N Wells
White, David, 319 W 63d
Will, E. & Co., 90 La Salle
Witt, Aug., 145 Lasalle
DECATUR—Appenzeller, Frank J.
Cuttle, Michael J. & Son
Decatur Hard Plaster Co.
Kremling, Andrew
DIXON—Kelly, John W.
EAST ST. LOUIS—Keating, Frank & Co. (Granitoid), Stephen's House
Lake, H. C. & Co. (Granitoid), 1215 St Louis av
ELGIN—Bell, Edw.
Bell, William
Gerry, E. P., 359 Chicago
EVANSTON—Carlson, Axel, Station A
Gilbert Bros., Sherman av
Olson, Chas., 1303 Wash'n
Voight, Henry, Benson av
Wigginton, Jas., Oak av
FREEPORT—Holland & Ascher
Robles, August
Schaefer & Stuart
GALESBURG—Ferry & Lewis
JOLIET—Joliet Artificial Stone Co.
KANKAKEE—Default, Nelson
Harpin, Louis
Harpin, Oliver
Kankakee Artificial Stone Co.
McLaughlin, Patrick, Construction Co.
LINCOLN—McCord, Eugene
Oltz, A.
MACOMB—Tiernan & Holden
MOLINE—Gust, Edw.
MONMOUTH—Baldwin, Jno. H.
Pillsbury, Silas W.
Wilcox & Son
MORRIS—Nelson, Christian
NORTH HARVEY—Stevens, C. W.
OTTAWA—Leix, Jos.
PEKIN—Saal, Adam
PEORIA—Bushnell, A. A. & Son, 1317 S Wash'n
Dunbar, Jas., 703 Wayne
Fay, Jno. W., 108 Windom
Janssen, G. & Sons, 230 Dechman av
Philhower, Peter J., 712 Wash'n
Wasson, T. J., 403 S Wash'n
PERU—Schweickert Bros.
QUINCY—Eikenmann & Hildebrand, 1007 Lind
Menke, Wm., 709 Payson av
ROCKFORD—Allen, John C., 414 N Winnebago
Larsen, Alfred G.
Nelson, F., 1227 3d av
Rockford Artificial Stone Sidewalk Co., 1435 Fifth av
SPRINGFIELD—Granolithic Pavement Co.
Taintor, P. E.
STERLING—O'Hair, Peter
WAUKEGAN—Miller, Frank

INDIANA.

ANDERSON—Kelly, T. P.
Lyst & Son
Pearson, M. E.
ELKHART—Zimmerman, A. A.
EVANSVILLE—Anchor Contract Co., 203 Mulberry
Anchor Roofing & Paving Co., 915 River Front
Aufterhaar, Wm., 11 Harriet
Bock, Joseph, 1115 Linwood av
Crescent Artificial Sidewalk Co., 334 Adams av

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Moellering, C. E. & Co., 53 Murray
Ziemendorff, Fred W., 19 Wagner
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Grant, Wm. H., 1011 S Main
Self, Samuel, 307 1st
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Bowen, A. D., 2224 B'way
Burch, Wm., 1315 Hillside av
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Coldwell, Horace G., 128 E Market
Crouch, Geo. W., 1407 Woodlawn av
Drake, Robt. B., 2318 Brookside av
Dunlop, W. W., 804 Villa av
Dunn, Francis M., 2609 Northwestern av
Ernsting, Herman A., 608 Downey
Ernsting, Hy., 340 N State av
Garnet, Taylor, 870 W 10th
Glenn, J. Sherman, 30 N Holmes av
Herron, Sam'l F., 453 W 15th
Hopson, Jackson P., 607 W 11th
Howes, Chas. A., 120 N Senate av
Hudson, Jam. L., 1320 Harlan
Huls, Amos K., 2217 N Arsenal av
Hunt, John W., Bosart av, S of 10th
Jones, R. H., 1116 N Missouri
Isaac, John J., 520 Dorman
Kane, Thos. E 1423 E Wash'n
Keller, Julius Construction Co., 127 Fulton
Laakmann, Fred. H., 605 St. Clair
Lawson, Frank, 3834 Cornelius av
Lewis, Edw., 556 E South
Lewis, W. C., 2928 E. 18th
Loughlin, M. E., 788 Center
Maag, Hy., 11 Regent
Marshall, Squire, 744 Indiana av
Marshall, Wm. R., 1209 N Missouri
Morgan, Harry C., 1514 Columbia av
Niemier, Cornelius S., 1709 Hoyt av
Passmore, Alonzo, 1017 Hadley
Prosser, William, 1440 E 10th
Randall, Chas. A., 1221 Marlowe av
Rikhoff, Jno. H., 420 Randolph
Rogers, B. F., 223 N Arsenal av
Scholl, Jno. J., 25 S Davidson
Sheehan, Eugene, 602 N Oriental
Shingler, Edward, 1010 Sterling
Sloan, Jno. C 1625 Central av
Starks, Alex., 432 Walden
Stewart, Wm. P., 11 N Alabama
Symmes, H. H. Co., Board of Trade bldg
Tall, P. E., 3082 N Capitol av
Tall, Wm. R., 23 W 30th
Van Camp, Benj. F., 523 E Miami
Veney, Jas. C., 421 Mass. av
Wacker, Chas. J., 2649 E Parkway
Wade, B. F., 1117 N Missouri
Wells, Wesley, 1132 E 16th
LAFAYETTE—Budge, Henry H.
Jackson, Wm. M.
Jumper, Oliver M.
Moore, Nathaniel B.
Parker & Yeagy
Williams, Chester
LOGANSPORT—Barnes, Geo., 219 Plum
Barnes, Harry A., 1016 Linden av
Durkin, Frank M., 904 Race
Gallion Bros., 519 North
Knight, Geo. W., 1614 Spear
Wilburn, Jas. M., 419 Helm
MARION—Hartshorn, Jno. T.
Hartshorn, William
MISHAWAKA—Swanger, Jno. Q.
MUNCIE—Birch, W. M.
Dunn, Wm. L., 420 Council
Jones, Levi J., Madison nr River
Sheets, Jacob G., 1136 E Wash'n
RICHMOND—Carrell, J. F., 412 N 17th
Lee, William, 406 N 6th
Simmonds, G. W. & Son
Sumption, G. W.
SEYMOUR—Stewart, W. R.
Withers Bros.
TERRE HAUTE—Gieble, Ferdinand L., 1005 Crawford
Indiana Construction Co.
Judd, A. R.
Judd, R. S., 100 S 12th
McGinnis, Frank P., 1040 N 7th
Moudy & Coffin, 901 Wabash av
Reimann & Steig Co., 903 Wabash av
Terre Haute Artificial Stone Works
VINCENNES—LaCroix, J. D.
Moore, W. H. Mfg. Co.
WABASH—Thorne & Williams
WASHINGTON—Bogard, Noah

IOWA.

CEDAR FALLS—Coombs, S. W. & Son
CEDAR RAPIDS—Cedar Rapids Paving & Construction Co.
City Stone & Sidewalk Co., Granby bldg
Guarantee Cement Sidewalk Co., 98 1st av, W
CHEROKEE—Faus, T. W.
CLINTON—Shoecraft, S. & Son
Smith & Oakes
COUNCIL BLUFFS—McMahon Roofing Co.
Wickham, E. A. & Co., 400 Franklin av
CRESTON—Kenney, E.
DAVENPORT—Davenport Granitoid Co.
Davenport Stone Co.
McCarthy Stone Co.
Tri-City Construction Co.
DES MOINES—Asbestine Stone Works, 116 8th
Bates, E. A., 917 Charles
Benson & Marxer, 425 Grand av
Brown, N. L., 936 20th
Butcher & Storey, 527 E Walnut
Ferren F., 1319 14th
Freeman, A. W., 1915 N Wash.
Hunt, F. W., 24th c Woodland av
Kizer, H., 617 12th
Martin, V. S., 1141 3d
Maine, Jas. & Sons Co., 119 8th
Miller, W. H., 513 6th av
O'Brien Co., 948 10th
Schuler, Geo., 1105 4th av
Stehm Cement Paving Co., 719 7th
DUBUQUE—Evans, E. J., 204 W Locust
Key City Roofing Co.
Portland Paving Co., 207 W Locust
INDEPENDENCE—Sheehan, D. C.
IOWA CITY—Berry, Jno. L., 413 S Johnson
Horribin, Wm., 403 E Washington
MASON CITY—Waramore & Co.
OSKALOOSA—Carlon, Geo. & Son
Mathews, Edw.
SIOUX CITY—Comoll, P. P., Pierce & 3d
Agnes L. N., 900 Market
Christianson, Lars., 519 W 4th
Hansen Bros., Brown blk
WATERLOO—Faus, David P.
Hetts, William
Holden, W. E.
Moothart, J. W.
Schifferdaker, John

KANSAS.

CHETOPA—Ritter, Jos. W., West suburb
GLASCO—Gates, Jas.
Stackhouse, T.
GODDARD—Pond, N. M. Co.
IOLA—Iola Concrete Co.
KANSAS CITY—Baker, A. Granitoid Paving Co.
Butler, W. J., 582 Minn. av
Foster, T. C., 2 Perry sq
Luther, G. A., 938 Greeley
McCauley, J. T., 1307 N 3d
OBERLIN—Broderick, Frank
Heitman, Frank
Marlance, S.
OLATHE—Abbott, George
WICHITA—Sumpton, C. H.
Stout, J. D.

KENTUCKY.

COVINGTON—Covington Artificial Stone Co., 822 Main
Heeter & Son, 1709 Scott
Kenny, Thos., 1 Hazen, W. C
Steffen, Jas., 1332 Scott
LATONIA—Stuntebeck, Jno. L.
LOUISVILLE—Breckenridge Asphalt Co., 358 4th
Falls City Artificial Stone Co., 216 E Main
Fitch-Troxell Co., 108 3d
National Roofing & Supply Co., 140 W Main
Peterson & McCrocklin, 337 5th
Norall, Arvid, 453 W Jeffin
Nordeen, Chas., 1726 7th
National Roofing & Supply Co., 140 W Main
Whitney & Co., 416 W Ormsby
Woodruff Bros. Co., 243 5th
HENDERSON—Kyle, P. C.
NEWPORT—Ader, Peter & Son, 6th & Saratoga
Brawley, S. S., 112 Central av
Klusmeyer, Hy., 634 Monmouth
Smith, G. B., 312 Lindsay
PADUCAH—Williamson, J. E.

LOUISIANA.

NEW ORLEANS—Babst, Chas. J., 1205 S Franklin
Calongne & Sargent, 1231 Magnolia
Catrano, John, 1022 Toulouse
Chevalier Pavement Co., 523 St. Louis
Dupuy, Edward, 4010 Tchoupitoulas
Fath, Philip, 840 Union
Haase, J. J., 840 Union
Jahncke, F., 816 Howard av
Memory, R. G. & Son, 409 Baronne
Sicilian Asphalt Paving & Construction Co., Hennon bldg
SHREVEPORT—Chatwin Bros.
Harrison, J. H., 1576 Texas rd
Louchine Bros., cor. Hope & Texas av
Rudy, M. S.

MAINE.

LEWISTON—Howard, Nelson, 36 Lisbon
PORTLAND—Dunlap, Jas. L. S. P.
Maine Artificial Stone Co.
Portland Sewer Pipe & Artificial Stone Co., 83 Preble
Smardon Geo. H., 22 Exchange
SANDFORD—Philpot, W. J.

MARYLAND.

BALTIMORE—Brandt, Ernest P., 30 Wash'n
Doggett, Hilton J., Merchants, Nat'l Bank bldg
Filbert Paving & Construction Co. (granolithic), 1210 Block
Gault, Wm A & Son, 9 E Lex.
International Pavement Co., Equitable bldg
Lannatewetz, Chas., 1608 Clarkson
Leonard, Daniel A., Builders' Exchange
Maryland Pavement Co., Equitable bldg
Muller, Max B., 1430 Patapsco, S
Perricord, J. H. & Sons, 12 North
Robertson, J. L., Fidelity bldg
Schaffner, Jno., 1008 Ridgley
Schmidt Louis 38 S Bond
Southern Asphalt Paving Co., Guilford av & Eager
Thormann, Jno. H. & Co., 12 McClellan alley
Wallis, B. & Co., 210 E Lexington
Watts, Jas. S., 931 Park av

MASSACHUSETTS.

AMHERST—Wrigley, Jno.
AMESBURY—Wilson, Andrew
ARLINGTON—Lowe, George H.
ATTLEBORO—Attleboro Concrete & Roofing Co.
AUBURNDALE—DeLacey, J. A.
BEVERLY—Fitzgibbon, Thos.
McSweeney & Cahill
BOSTON—Aberthaw Construction Co., 8 Beacon
Boston Asphalt Co., 54 Kilby
Bragdon, Louis G., 113 Devonshire
Carr & Andrews Corp., 101 Tremont
Coleman Bros., Union St. (Everett)
Cram, B. M., 6 Beacon
Gore, H. & Co., 54 Kilby
Harris, Chas., 70 Kilby
Hind, Thos. J., 19 Milk
Jones & Meehan, 1 Beacon
Libby, A. A. & Co., 17 Milk
Murtfeldt, W. A. Co., 31 Milk
Park, F. E., 922 E B'way, S. B.
Rafferty, Wm. J. & Co., 33 Champney, S. B.
Simpson Bros., Corp., 166 Devonshire
Soule, Dillingham & Co., 19 Exchange pl
Taylor, E. R. & Co., 164 Federal
Union Paving Co., Tremont bldg
Warren Bros. Co., 93 Federal
Whiddon & Co., 43 Milk
BRIDGEWATER—Wilber, D. W.
BROCKTON—Cornwell, Philip W., 221 Ames
Jackson, Wm. E., 560 Summer
White, Newton C., 88 Main
CHELMSFORD—Robinson, J. W. & Co.
CHICOPEE—Dotney, Benj. F.
COTTAGE CITY—Bunker, F. P.
DANVERS—Kelly, Edw. L.
EASTHAMPTON—Quinlan, Thomas
FALL RIVER—Archard, R. J., 60 Murray
Beesley, J. W. R., 561 Birch
Burrows, Alex., 1098 N Main
Cash, Henry N., 522 Slade
Williston, Charles H., 171 Pleasant

FITCHBURG—Carey, Thomas
Crowley, Jeremiah
FLORENCE—Smith, O. E., Davis blk
HAVERHILL—Bailey, Chas. F.
Duffee, W. F. & Co., 214 Merrimack
Saltmarsh, A. H., 24 Arch
HOLYOKE—Bosworth, G. L. & Co., 120 Dwight
Cummings Bros., 3 Division
Farrell, Jas. E., 131 Maple
Gibson, Thos. J. & Co., 25 Main
Grant, John H., 80 Nonotuck
O'Connell's, Daniel Sons, 188 Hampden
Prew, John J., 887 Main
Robinson, J. W., 1328 Gorham
HYDE PARK—Chisholm, C. C.
Shepheid, P.
LAWRENCE—Bailey & Chase, 296 B'way
Call, Albro R., 86 Jackson
Horn, George W., 613 Common
Pierce, J. B. & Co., P. O. Box 95
Smith & Bingham, 16 Sargent
LEE—Heaphy, William A.
LEOMINSTER—Leominster Concrete Co.
Tisdale, G. E. & Co.
LOWELL—Fuller, Geo. B., 1524 Gorham
Hands, Stephen W., 32 Humphrey
Smith, E. A. & A. T., 216 Central
Walsh, James, 155 Highland av
LYNN—Hook, Hiram, 9 Orchard
MALDEN—McDonald, Daniel, 66 Winter
MARBLEHEAD—Baker, Wesley
MEDFORD—Bates, Walter & Son, 150 Main
Bragdon, Louis G., 83 Sharon
MELROSE—Hoffman, C. L. & Son, 44 Chartes, M. H.
Norris & Co., Linwood av
Philpot, Henry R., 76 Dell av
Philpot, John, 40 Franklin
MENDON—Pratt, J. Burt
METHUEN—Pierce, J. B. & Co.
MIDDLEBORO—Shiverick & Thomas
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NORTHAMPTON—Laughton, E., 132 South
Lyman, George E., 35 Maple
Stearns, L. G., 39 Monroe
NORTH ATTLEBORO—Brigham, Aaron.
PITTSFIELD—Booth, G. A., 48 Kent av
Healy, T. J., 18 Oak
PLYMOUTH—Harlow, George H.
READING—Forbes, E. H.
SALEM—Kelley, Caleb M., 57 Loring av
Perkins, Elijah R., 8 Warren ct.
Tardif & Caron, 13 Endicott
SOMERVILLE—Allen T., 187 Cedar
Rutan & Woods, 89 B'way
SOUTHBRIDGE—Claflin, Calvin
SOUTH FRAMINGHAM—French Bros.
SPENCER—O'Gara, Jno.
SPRINGFIELD—Burke, Peter, 16 Osgood
Driscoll, Jeremiah R., 385 Liberty
Goodrich, W. C., 131 White
Lyon, A. E., 104 Cornell
Murkland, Woodward E., 44 Lafayette
Sackett Bros., 834 Worthington
Shaw, Vila A., 86 Dawes
STONEHAM—Nichols, George H.
TAUNTON—Black, Wm. R., 32 Union
Magee, Hugh F., 115 B'way
WALTHAM—Hays, Chas. F.
Lally, John
WARE—Nelligan, P. J.
WARREN—Keenan, John
WATERTOWN—Tripp, David F.
WESTBORO—Henry, Jno. E. & Son
WESTFIELD—Dineen, William
Miller, George R.
WOBURN—Ellis, J. M. & Son
WORCESTER—Carr, Geo. W. Co., 518 Main
Jenks, H. L. & Son, 17 Freeland
Kane, M. J., 9 Wade
Kelley, Jno. F. & Co., 518 Main
Kiely, J. J., 74 Thomas
O'Gara, Jno. & Son, 1290 Main
Power, Nicholas R. & Co., 10 Merrifield
Union Paving Co., 11 Foster
Williams, A. C., 553 Main
Worcester Concrete Paving & Roofing Co., 10 Merrifield

MICHIGAN.

ADRIAN—Gimberts & Washburn
Matthes Bros.
Murray, Chandler
ANN ARBOR—Pickard, W. E.
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Lewis, M. M. & Sons
Miller, Addison
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McLaughlin Coal & Lime Co.
BEDFORD—Page, D. L. & Co.
CARO—Thompson & Ames
COLDWATER—Corson, S. M.
CONSTANTINE—Enders, J. C.
DETROIT—Brady & Co., 9 Woodward av
City & Suburban Homes Co. (Ltd.), 171 Griswold
Cleveland Silex Stone Co., Hammond bldg
Dancy & Co., 429 6th
Detroit Artificial Stone Walk & Floor Co., 579 Hastings
Gartner, F. R., 40 Fort W.
Gearing Bros. Co. (Ltd.), 121 Wayne
Grant, Archibald, 1614 Woodward av
Hartness, James, 499 Jos. Campau av
Jones, E. B., 405 Stanton av
Keller, Jno., 702 Mich. av
Pittsburg Artificial Stone Co., 429 6th
Schillinger Bros., Illinois & D. G. H. & M. R. R.
Standard Artificial Stone Co., 810 18th
Szezesniak, Martin, 232 Alexandrine av E
Union Paving Co., 420 Mich av
Western Rock Asphalt Paving & Roofing Co., Ill. & D. G. H. M. Ry.
FLINT—Ryan & Son
GRAND RAPIDS—American Artificial Stone Co., 333 Vries
Battjes Fuel & Bldg. Material Co., 963 S Division
Bissonette, David, 456 3d
Boyes, D. W., 275 Stocking
Cargill, G. S., 532 N Ottawa
De Vries, G. S., 294 11th
East Grand Rapids Sidewalk Co., 40 Barth
Elliott, Andrew, 319 Wellington Flats
Grand Rapids Sidewalk Co., 15 Hovey
Granite Stone Co., 87 Kent
Hare, Emerson, 240 Sigsbee
Haehler, Anton, 378 2d
Hogendyk, Martin, 18 Flat
Knowlson, A. B., Nat'l City Bank bldg
Kooiman, A. & J. 273 Charles
Kooiman Bros., 275 Charles
Kuenzel, A. H., 274 W Bridge
Lammers & Weeber, Campau & Louis
Newman, J. D., 305 Bowery
Pelton, E. W., 892 Stewart av
Reinders, J. H., 174 Sigsbee
Sayles, F. M. 114 N Lane av
South Grand Rapids Sidewalk Co., 485 S Division
Tongue, A. H., 746 Robinson av
Top & Ronda, 317 S East
Van Oosten, P. H., 40 2d av
Williams, C. E., 291 Plainfield av
HOLLAND—Oosting, Frank
ITHACA—Churchill, Orvie B.
JACKSON—Howland, C. A., Dwight bldg
Lake, Robt., c Liberty & Milwaukee
Tobin, E. J. & Co.
Van Leuven, E. C., Bennett bldg
KALAMAZOO—Roe, John, 607 Douglas av
Sales, John J., 316 W Walnut
LANSING—Lansing Artificial Stone Co.
Rounsville, Fred'k M.
LUDINGTON—Brown, C. H. & Son
MANCELONA—Smith, Almon E.
MUSKEGON—Hughes, Jno.
Johnson, Nels. J.
Kanitz, L. H.
Muskegon Stone Sidewalk Co.
Wiselogal, W. F.
NILES—Evie, Wm. C.
PAW PAW—Burham, E. T.
PORT HURON—Batsford, Jenks & Co.
Boynton & Thompson
SAGINAW—Delonjay, A. H. & Son, 805 Genesee av
Delonjay, C. L., 118 Annesly
Vetter, Peter, 713 N Oakley
SALINA—Ford, E. W.
SHADYSIDE—Shadyside Mfg. Co.
SHELBY—Elliott, Harrison
TECUMSEH—Askin & Green
THREE RIVERS—Enders, Jacob C.
TRAVERSE CITY—Foley, Michael, 1014 Wash'n
Hill Bros., 307 W 10th
Tongue, A. H. & Co.
WALDRON—Weatherington, Ed.
WEST BAY CITY—Bay County Rock Faced Stone Co., 926 E Midland
WILLIAMSTON—King Bros.
WYANDOTTE—Ginxel, Paving Co.

MINNESOTA.

ADRIAN—McCord, Jno.
BLOOMING PRAIRIE—Rockefellow, Jno.
DULUTH—Kiltin, W. H., 227 N 54th W
Thomson & Dunlop, 226 W Michigan
FARIBAULT—Manhattan Paving Co.
MANKATO—Carlson, Jno.
Mankato Sidewalk Co.
MINNEAPOLIS—Advance Stone Sidewalk Co., Bank of Minn. bldg
Andrews Paving & Sidewalk Co., 3107 15th av S
City Paving Co., 2016 Snelling av
Columbia Paving Co., 804 N E Wash'n
Columbus Stone Sildewalk Co., 1843 E Lake
Crittenden Roofing & Mfg. Co., 706 S 5th
Hennepin Paving Co., 1309 S 5th
Minneapolis Sidewalk & Paving Co., N. Y. Life bldg
Nelson Bros. Sidewalk Co., N. Y. Life bldg
Nelson Paving Co., 1917 Dupont av N
Occidental Stone Sidewalk Co., 2940 11th av S
Olson, John, 613 1st av. N E
Plymouth Paving Co., 310 2nd av S
Robertson, Peter, 15 S 4th
Snyder, J. E., 1013 4th av S
Twin City Sidewalk & Pavement Co., 221 University av, N E
Union Paving Co., Phoenix blk
OWATONNA—Burdick, Carl J.
ROCHESTER—Graham, Albert
McCormick, Thomas
ST. PAUL—American Contracting Co., 665 Rice
Butler Bros., N. Y. Life bldg
Eureka Stone Co., 709 Wabasha
Fielding & Shepley, 217 W University av
Forrestal, Jas. Co., Pioneer Press bldg
Lind, Jno., 34 E 2nd
Northwestern Stone Co., 186 W University av
Portland Stone Co., 95 E 4th
St. Paul Stone Co., 533 Wabasha
University Stone Co., 611 W University av
WINONA—Biasang, Philip
Van Gorden, S. D.
Willis, H. J., cor. 2d & Main
Winona Construction Co.

MISSISSIPPI.

NATCHEZ—Buscher & Parent, 804 N Pearl
VICKSBURG—Parent, Paul
YAZOO—Glass & Pearce

MISSOURI.

BEVIER—Williams, John T.
GLASGOW—Rose, Isaac
IRONTON—Hatson, R. (Granitoid)
JEFFERSON CITY—Pope, Jos. & Bro.
KANSAS CITY—Alfreds, J. M., 1640 E 23d
Gessner, C. E., 3018 Main
Gilsonite Roofing & Paving Co., N. Y. Life bldg
Harnes, G. W. & Co., 2106 Bellefontaine
Harris, E. T., 3000 E 23d
Jacobs, W. L., 2714 Myrtle
Kansis City Cement Sidewalk Co., 312 E 9th
Kansas City Sidewalk Co., New Ridge bldg
Kansas City Stone Sidewalk Co., Postal Tel. bldg
Kramske, R. J., 320 E 16th
Knapp & Coumbe Sidewalk Co., 1126 Askew
McCoy, J. D., 1734 Brooklyn
McGee, J. R. 2028 Harrison
Midland Sidewalk Co., Am. Bank bldg
Missouri Sidewalk Co., Mass. bldg
Modern Cement Sidewalk Co., Am. Bank bldg
Pierce, S. H., 121 W. 8th
Portland Paving Co., Am. Bank bldg
Stewart Sidewalk Co., 116 E 9th
Walton Granolithic Co., 2500 E 18th
Waugh, J. H. & Co., 1410 Bales
White & Redmond Sidewalk Co., 121 W 8th
ST. JOSEPH—Dunn, H'y, 418 N 20th
Helsley, J. S. (Paving), 2622 Folsom
Nowland, Chas., 814 Felix
ST. LOUIS—American Granitoid Flagging Co. (Granitoid), 1829 Park av
Asphalt & Granitoid Construction Co., 2429 S B'way
Barber Asphalt Paving Co., Holland bldg
Barrett Mfg. Co., Fullerton bldg
Bruner, P. M., Granitoid Co., 816 Olive
Fehlig, J. F., 3500 Hickory
Geisel Construction Co. (Granitoid) Koken bldg.
Gilsonite Roofing & Paving Co. (Cement & Granitoid), Wainwright bldg
Graham Granitoid Co. (Granitoid), 816 Olive
Grund, P. C. & Bros., Granite blk
Heman Construction Co., Fullerton bldg
Kohl, George, 3947 Vest av
McCormack, S. C. & Co., Koken bldg

Novaculite Paving Co., 405 N 6th
Petty, Benj. & Son, 2413 N. 9th
Pittana Mosaic Tile Co., 816 Olive
Rich Construction Co., 510 Pine
Rowland, J. H., Granitoid Construction Co., 809 Chestnut
St. John, Patk., Granitoid Co., 816 Olive
Schottler, John C. (Granitoid), 5156 Minerva av
South Side Granitoid Co., 2116 Wyoming
Southern Paving & Construction Co., World's Fair Grounds
Sullivan, Frank J. (Granitoid), 617 Chestnut
Trinidad Asphalt Mfg. Co., 320 S 21st
Venctian Mosaic & Granitoid Co., 2241 Clark av
Voight, August, 1806 Dolman
Zbaren Construction Co., 816 Olive
Zimmerman, Christ & Co., Wainwright bldg

MONTANA.

BUTTE—Western Asphalt & Gravel Roofing Co.
HELENA—Krigbaum, P. C. & Co., 352 N Main

NEBRASKA.

FREMONT—Pierce, H. A.
Shawn Bros.
GREEN ISLAND—Reimers & Fried
KEARNEY—Hibberd, Richard
Scott, W. T.
LINCOLN—Berg, George, 2316 N
Lincoln Artificial Stone & Tile Co.
Lind, A. W., 2300 South
Reimers & Fried
NORFOLK—Barnes, S. A.
OMAHA—Creedon, D. J., 953 N 24th
Grant Paving Co., Bee bldg
Hoel, A., 2622 Burt
Juckiniess, Daniel, 2356 S 28th
McArdle, P., 2515 Hamilton
McWilliams Bros., Paxton blk
Nelson, Michael, 1612 Cass
Stutzer, Aug., 3466 S 15th
Van Court, E. D., 1020 N 16th

NEW HAMPSHIRE.

CLAREMONT—Bartlett, Jas. H.
CONCORD—Rowell, Jas. H. & Co., 45 School
DOVER—Chamberlin, George W.
KEENE—Harty, Michael T.
MANCHESTER—Mead, Mason & Co., The Kennard
Robie Consolidated Concrete Co.
NASHUA—Nashua Concrete Co.
Osgood Construction Co.
Tardif & Bellavance.

NEW JERSEY.

ATLANTIC CITY—McCaulley, Geo. W. & Son Co.
CAMDEN—Block & Tile Paving Co., 419 Market
Krause, Wm. & Son, 111 Market
Sweeten, B. F. & Son, Cooper & Delaware
Vulcanite Paving Co., Federal & Cooper's Creek
CAPE MAY—Swan, M. C.
ELIZABETH—Ellbacker, Chas., 357 Elizabeth av
Wilson, Robert, 210 Broad
FREEPORT—Johnson, A. S.
JERSEY CITY—Cement Paving & Construction Co., Prior c Grand
Commonwealth Roofing Co., Grove c 19th
LAKEWOOD—Brown, John C.
NEWARK—Burnet Asphalt Co., 89 James
Chert Stone Co., 763 Broad
Commonwealth Roofing Co., 19 Division
Empire Asphalt Co., 763 Broad
Essex Asphalt & Contracting Co, 141 Halsey
Newark Paving Co., 800 Broad
O'Connor, Thos., 22 Clinton
Turrell, Wm. H., 22 Clinton
Van Steenburg & Clark, 763 Broad
NEW BRUNSWICK—Cole, Thos. C., Townsend, c Drift
PASSAIC—Diamond Stone Co.
PATERSON—Moore & Goble Co.
Sharpe, Jos., 647 E 18th
SALEM—Steelman, Lewis, 59 Wesley
SOMERVILLE——Hornby, John D.
Smith, D. J.
TRENTON—Irvin, Stuart, 1000 Princeton av
Smith, M. F., 82 Greenwood av
Trenton Stone & Construction Co.
WEEHAWKEN—Roman, George
WEST HOBOKEN—Gundling, Wm., 420 Charles
WOODBURY—Henry, E. P.

NEW YORK.

ALBANY—Albany Artificial Stone Co., 704 B'way
Callahan Road Improvement Co., 51 State
Collins Bros., Benson bldg
Davenport, S. J. & Co., 216 1st
Dyer, John, Jr., Tweedle bldg
Macnee & Rabe, 659 B'way
AURORA—East, Pratt D.
BALDWINSVILLE—Gates, A. R.
BATAVIA—La Fountain, Charles
Page, William E.
Weaver & Winslow, 28 Swan
Wolsey, W. C.
BINGHAMTON—Ingalls Stone Co.
BROOKLYN—(See N. Y. City, Borough of Brooklyn.)
BUFFALO—Albrecht, Jno., 167 Grace
Argentic Paving Co., 402 Breckenridge
Baker, R. R., 326 Franklin
Boulding, A. & Co., 156 16th
Buffalo Concrete Paving Co., 214 Northampton
Burgard, H. P., Prudential bldg
Crescent Pavement, 96 Erie Co. Bk bldg
Electric Paving Co., 212 Kingsley
German Rock Asphalt & Cement Co., 304 D. S. Morgan bldg
Gipp, L. H., 531 Ellicott sq
Herrmann, F. L., 255 Riley
Hotaling, Daniel, 365 Conn
Knickenberg, F. W., 702 Michigan
Maltby, Geo. W., 21 Maryland
Owens, H. M., 257 Fougerow
Seibert, Robt., D. S. Morgan bldg
Wisdom Paving Co., 123 Wilkeson
DUNKIRK—Meester, Peter, Jr.
ELMIRA—Fausnaght, John H., 523 Harper
FAIRPORT—Longley, Harvey H.
GENEVA—Cole, E.
Mulcahy, Patrick
Tracey, Alfred T.
GLOVERSVILLE—Anibal, Robt. S.
Delaney, J. A.
GOUVENEUR—Balcy, Elijah
HORNELLSVILLE—Kelly, Thomas
JAMESTOWN—Hassler, Jno. W.
LOCKPORT—Deibert, Wm. J.
LONG ISLAND CITY—(See N. Y. City, Borough of Queens)
METROPOLITAN—(See New York City, Borough of Queen)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Castle Bros., 192 Douglas
Commonwealth Roofing Co., 45 Waverly av
Concrete Asphalt Paving Co., 84 B'way
Cranford Co., 52 9th
Graham, Jas. P., 86th c Bay
Harrington, Mich'l J. 755 Wythe av
Jenner, F. J., Driggs av & N 8th
Jones, Albert J., 260 Clarkson av
Ledwith, P. J., 1495 Bergen
Mock, Isidor, 89 Debevoise
Owen, Wm. C., 473 Tompkins av
Putnam, W. K. & Co., 5121 3d av
Reilly, Thos. J., 88 Sumpter
Smith Matthew & Son, 392 B'way
Wallabout Roofing Co., 294 Flushing av
Wilson & Baillie Mfg. Co. (Kosmocrete), 26 Court

Boroughs of Manhattan & Bronx.

Colman, Chas. H. & Co., 320 B'way
Denton & Co., 42 E 23d
Empire Paving & Construction Co., 11 B'way
FLEMING & CO., 123 Liberty.
(See adv. index, end of book)
Furlong & Furlong, 459 E 135th
Golliek & Smith, 1133 B'way
Granite Sidewalk Paving Co., 130 B'way
Hilgers, Wm. Co., 202 W 101st
Huntley, Frank C., 180 Beach av
Jaffray, R. H. Co., 160 5th av
Kirchner, Chas., 58 Suffolk
McHugh, M. & Sons, 505 W 42d
Meyer, Louis G. (Flintholithic), 156 5th av
Mosher, J. S., 8 E 42d
National Pyrogranit Co., 17 Battery pl
Neuchatel Asphalte Co., Ltd., 265 B'way
Neus, Henry, 454 E 116th
O'Leary, Thos., 235 Centre
Pecora, D. G., 411 E 114th
Pietrowski, Knop Co., 418 E 91st
Standard Cement Paving Co., 60 1st
Sturk, John H. & Co., 328 E 102d
Taylor, Ronald, 520 E 20th
Warren Bros. Co., 253 B'way

Borough of Queens.

LONG ISLAND CITY—Pietrowski & Keller, 24 Purvis
METROPOLITAN—Hausle, John

(END OF NEW YORK CITY.)

OGDENSBURG—Norton, Geo. B., 102 Mansion
PEEKSKILL—Nichols, Jas. & Co.
Smith, John
PORT CHESTER—Merritt, Henry E.
Ryan, Wm. & Co.
Weir, James
ROCHESTER—Bargy, Warner B., 25 Snyder
Chambers & Grady, Powers bldg
Commons, J. A., 91 S Ford
Hooker, H. B. & Sons, Wilder bldg
Krewer, Michael, 323 Wilder
Lauer & Hagaman, 458 S Clinton av
Mathis, Jacob & Son, 156 Central Park
Neff, Godfrey S., 30 Evergreen
Oliver, Horace T., 328 South av
Rochester Vulcanite Pavement Co., Alexander & Erie Canal
Rock Asphalt Pavement Co., 279 South av
Stiles, Myron H., 39 Meng pl
Whitmore, Ranber & Vicunus, 279 South av
SANDY HILL—Beaulic, Philip
Gibson Bros.
SARATOGA SPRINGS—Saratoga Cement Walks (Geo. W. Winship, Mgr.), 30 Waterbury
SCHENECTADY—Beckwith Bros.
Weed, F. A.
SYRACUSE—Central City Paving Co., Kirk bldg
Empire Contracting Co., 112 E Jefferson
Hall, Geo. G., 1511 Spring
Hazeltine, Abram, 100 Townsend
Jaynes, John, 206 N Crouse av
Onondaga Litholite Co., 1016 E Water
Sullivan, C. J., 126 S Clinton
Whittle, T. E., 257 James
TARRYTOWN—Dinkel & Jewel Co.
Ducll, James
TROY—Hannan, Geo., 306 3d
Pomeroy & Catlin, 84 Congress
Ross, Adam & Son, 2748 6th av
UTICA—Allen, B. & Son, Park av & Catherine
Commonwealth Roofing Co., Clarendon bldg
Godfrey, E. C., 144 Albany
Interstate Paving Co., 13 Arcade
Warren Asphalt Paving Co., Clarendon bldg
WATERTOWN—Brennan, Hodge & O'Brien
Haley, Chas. J.
Jones, W. C.
Ogsbury, W. D.
Walsh, Wm., 9 Boon
YONKERS—Pawson, J. E., ft Wells av

NORTH CAROLINA.

CHARLOTTE—Charlotte Roof & Paving Co.

NORTH DAKOTA.

FARGO—Fargo Tile Walk Co.

OHIO.

AKRON—Acme Paving Co.
Akron Paving & Plastering Co., 803 S B'way
McCourt, P. T., 813 S Main
O'Marr, Daniel, 545 W Market
Petley & Franklin, Guth blk
Wildes, Jas. & Son, 116 S College
ASHTABULA—King, Victor
Osborn, O. E.
Stanley, George
Starkweather, Henry
BOND HILL—Perin, G. Artificial Stone Co.
CANTON—American Granitoid Paving Co.
CARTHAGE—Hellming, August & Co.

CINCINNATI—Behne Bros., 2185 Barnard
Bouchard, A. W., Observatory av & Custer
Cincinnati Artificial Stone Works, 543 W Liberty
Cincinnati Granitoid Co., Mercantile Library bldg
Colter, Archibald, Opera House bldg.
Ditchen, Philip, 263 Robb av
Dugan, Matt'w, 907 Garfield av
Endres, Wm. & Co., 705 Reading rd
Frierdich, Jos., 2862 Cormany av
Getchell, S. D., 1109 Gilbert av
Gier, Fred B. & Co., 208 Webster
Hall & Co., 5th & Race
Houstler, W. C., 220 Post sq
Kolling, Wm. Co., 717 Reading rd
Kuhl, Chas. Artificial Stone Co., 216 E Court
Leonard, B. A., 4172 Mad Anthony
Lipps, John, 2435 Spring Grove av
McCammon, L. H. Bros., Johnston bldg
Mack, Martin, 38 W McMicken av
Maescher, Chas. V. & Co., 617 Reading rd
Meier, F. W., 2137 Rice
Menger Paving Co, 2017 Vine
Niehaus, B., 43 W. Corry
Osborn, S. J., Jr., & Co. (Granitoid), Eggleston av & Pearl
Rudd, W. R. & Bro., Glenn bldg.
Schmerr, Martin, 4034 Delaney
Schumacher, M., 2022 Freman av
Walker, David A., Beechwood av & Cinnamon
Walker, G. P., 5th & Vine
CLEVELAND—Brennan, Jno. F., The Arcade
Burgess, C. H., 29 Euclid av
Carey, J. D., Schofield bldg
Cleveland Cement Sidewalk Co., Superior bldg
Cleveland Macadam Co., Blackstone bldg
Crooks, C. C., 208 Kirtland
Eckert, Daniel, 225 Woodland av
Faragher, B. P., Rose bldg
Forest City Cement Co., 1288 St. Clair
Fromm & Nelson, 17 Chester
Hayes, P. F., 159 Hermann
Healy, John J., 79 Grand av
Huntingdon, Henry J., 588 Superior
Kelly, Thos., 588 Superior
Kurtz, A. V., 135 6th av
Libby, J. H., Bldrs' Ex.
Masters, H. C., Bldrs' Ex.
Offtermatt, Aug, 4 Sharon
Ohio Litholite Co., 759 Bolton av
Platten, M. P., 727 Lorain
Rackle, G., & Son, Superior c Rossiter
Rehor, Anton, 40 Lussenden av
Vulcanite Paving Co., Soc. for Sav. bldg
Warren Chemical & Mfg. Co., Bldrs.' Ex.
Wood, Thos., 81 Michigan
COLLEGE CORNERS—Stewart & Nulty
COLUMBUS—Abbott, N. B., 85 N High
Acme Paving & Supply Co., 408 W State
Keefe, M. J., 72 N Central av
Kuhn Artificial Stone Co., 55 N Skidmore
Kuhn, John H., 919 Curtis av
Newhold, Philip, 164 N 21st
Orahood, D. M., 40 Hayden av
Pugh, Andrew G., Dispatch bldg
Shaffer Roofing Co., 431 W State
Standard Paving Co., 378 W Rich
Stutz, Herman, 324 Jackson
Van Fossen, W. H., 548 Siebert
DAYTON—Archer, Jas. F., 124 W Columbia
Armentrout, Rob't, 111 E Leonhard
Barber Asphalt Paving Co., 1st & Meigs
Brentlinger Ellsworth, 1310 N Main
Conley, J. E., & Co., 15 N St. Clair
Dayton Asphalt Roofing & Paving Co., 18 S Canal
Dueer, Hy. W., 1509 E 5th
Haas, W. E., 52 W Warder
Harnish & Pfoutz, 157 S Potomac
Hively, G. R., 235 S Louie
Jacques, Wm., 432 E Springfield
Jordan, Geo. W., 409 N Valley
Kennell, Curley, 40 S Wyandot
Kernan, Wm. J., 423 S Cinn
Kirchner & Kennel, 2017 S Wayne av
Kiser, E. M., 643 N Troy
Kuhns, E. A., 536 E 2d
Meridith, John H., 748 W River
Munger, Frank, 1408 W 3d
Nebbergall, Geo. L., 326 S Sprague
Orput, Geo. C., 326 S Sprague
Schnurr, Wm., 737 S Steele av
Smith, Alonzo, 48 N Sholl av
Steinbarger, Madison, 112 S B'way
Sweetman, Chris, 54 S Bank
Tinnerman, G. C., 14 S Meridian
Wroe, Albert, & Son, 449 N Grafton av
GENEVA—Walters, P. B.
HAMILTON—Commons, Isaac, c D & Webster
Hall, Hugh H., 121 S A
Hamilton Architectural Portland Cement Co., 14 Beckett's blk
Kinch, Frank, 435 Main
Miami Cement Co., 435 Main
HARRISON—Henry & Klemm
HOME CITY—Drucker, Fred
KENTON—Christ, J.
LORAIN—Bonsor Bros.
MADISONVILLE—Gornien, J. E.
MASSILLON—Segner, E. C.
MIDDLETOWN—Kemp, M. F. & Son
Middletown Paving Co.
PIQUA—Martin, C. E.
Reid, John H.
SANDUSKY—Metts, W. S.
SPRINGFIELD—Acme Cement Co.
Burger & Nulty
Cly, Chas., 41 W Southern av
Long, Cyrus M., 143 Pearl
McHugh, Wm. E., 206 Harrison
Russell, M. C., Limestone c Warder
Russell Bros., 351 N Limestone
Webb, Jas. J., 224 Mound
TIFFIN—Wcott, M.
TOLEDO—Arnold E., 23 S Ontario
Hill, F. H., The Valentine
Libbe, Henry, Champlain & Elm
McMahon, Wm. & Sons, 321 Floyd
Schillinger Bros., c City Park av & Hamilton
Schoen, John J., 2267 Jerome
Stolifus, Herman, 1136 Moore
Trinidad & Cleveland Paving Co., The Valentine
TROY—Northcott, W. H. & Co.
YOUNGSTOWN—Chambers, J. B.
Jones, V. E.
Miller, T. F.
Ohio Stone & Paving Co.
Painter, J. A.
Reed, J. H.
Sharp Bros. Co.
ZANESVILLE—Ayres Asphalt Paving Co.
Fogarty, Thos. A., Linden av

OREGON.

PORTLAND—Abrey & Obrock, 129 4th
Bamford, M. J., 243 Ash
Carter, C. H., 271 Porter
Fritsche, Josef, 349 Ankeny
Hall Jno., 474 E Ash
Holz, Wm., 648 3rd
Krause, Emil, 208 Sheridan
Marshall Bros., Cham. of Com. bldg
Miller, Jno., 311 21st, N
Phillips, G. D., 843 Garfield av
Ray & Becker, 188 E 8th
Rost H. J., 297 Hooker
Schlewe, Carl, 802 Mich av
Thiess, B. F., 904 Union av, N
Tresham, Jno. D., 66 E 28th, N

PENNSYLVANIA.

ALLEGHENY—Barrett Mfg. Co., 1131 Rebecca
Gwinner, Fred'k, 3537 Calif av
Sicilian Asphalt Paving Co., ft Allegheny av
Van Horn Bros & Co., 1201 Grant av
ALLENTOWN—Allentown Paving & Construction Co., 901 Hamilton
Balosh, Paul, 403 Ridge av
Erich, Henry E., 17th & Liberty
Lehr, I. L. & Son, 8 S 7th
Struber, James W., 142 S 7th
ALTOONA—Allen, H. G., 933 17th
Shellenberger, W. L., 1710 9th av
ASHLAND—Leibig, Chas. & Jas.
BALLY—Melcher, Nicholas
BLOOMSBURG—Kumer, Fred'k
Mellick, O. B.
BRADFORD—Kelly, David J.
BRYN MAWR—Leacock, Frank M.
Viney, William
CARLISLE—Faber, L. C. W.
CHAMBERSBURG—Asper, John C.
Eckel, Edward E.
CHESTER—Johnson, John F., 1009 Madison
COATESVILLE—Dickinson, E. P.
CONSHOHOCKEN—Davis, Frank
CORRY—Paul, J. & Son
DANVILLE—Brooks & Gibbs
DU BOIS—Chestnutt, Samuel
Roser, J. W.
EASTON—Luttenberge, Jacob (Granolithic)
Siebler, W. F., & Co. (Granolithic)
EMAUS—McElroy Bros.
ERIE—Mayer, Henry, 1215 State
FRANKLIN—Bigley, R. H.
GIRARDVILLE—Leibig, John B.
GREENSBURG—Miller, S. P.
HARRISBURG—Galbraith, B. G.
Shoemaker, S. W.
HAZLETON—Williams, Thos
LANCASTER—Eibel, Jos. A.
Galbraith, Jefferson G., 226 Lancaster av
Lancaster Cement Paving Co. (John J. Malone), 223 Concord
LEBANON—Bell, Chas. & Co., 324 N 10th
Frick & Co.
NEW CASTLE—Moore & Rogers
Norris, David S.
NORRISTOWN—Landis, John
Murdy, Thos.
Smith, Thos. V.
PHILADELPHIA—American Stone Pavement & Construction Co., 211 S 9th
Asphalt & Concrete Paving Co., 227 S 9th
Block & Tile Paving Co., Harrison bldg
Brennan, Frank S., 2505 Tasker
Brown, Felix, 7 N Juniper
Carter Paving Co., Girard bldg
Chambers, Robt., & Son, 1022 York
Clymer, J. L., 1900 N Marshall
Columbia Artificial Stone Paving Co., 205 N 20th
Drehmann Paving Co., 2629 Parrish
Eastwick & Geshwind, Lippincott bldg
Fairhill Artificial Stone Pavement Co., 1022 York
Fenner, Wm. D., 205 N 20th
Filbert Paving & Construction Co., Penna bldg
Franklin Construction Co., Lippincott bldg
Galbraith Paving Co., 3421 N 12th
Gerhardt, Fred., German-Amer. bldg
Germanic Artificial Stone Paving Co., 1409 Ritner
Granitoid Paving Co., Heed bldg
Hauck, John, 3011 N Darien
Krause, Wm., 1640 N Marshall
Krause, Wm. & Son, 1621 N 5th
Lehigh Paving Co., 2930 N Reese
Louchheim, J. H., & Co., Arcade bldg
McKee, Hy., 2522 Lehigh av
Murphy, Howard M., 1543 Newkirk
Petrific Paving & Roofing Co. (John A. Thompson), 3345 Market
Quaker City Paving Co., 45 N 13th
Schwartz, Jacob, 2306 N 27th
Shanley, B. M. & J. F. Co., 14 S Broad
Smedley Construction Co., 712 Stephen Girard bldg
Smith & Davis Co., Weightman bldg
Steel Protected Concrete Co., Real Estate Trust bldg
Torrens, Robt. G., 2241 Huntingdon
Vulcanite Paving Co., Land Title bldg
Wallace, R. Bruce, & Co., 1327 Buttonwood
Wilson, Geo. H., 7206 Gtn av
PITTSBURG — Concrete Construction Co., Peeble c Abbott
Empire Asphalt Co., Arrott bldg
Globe Asphalt Co., Bakewell bldg
Keystone Contracting Co., Ferguson blk
Peabody & Filbert Co., 5850 Center av
Pennsylvania Asphalt Paving Co., Arrott bldg
Pittsburg Concrete Co., Hamilton bldg
Sigmund, Wm. T. & Co., 409 Market
Wadsworth Stone & Paving Co., Tradesmen's bldg
POTTSTOWN—Rush, John H.
READING—Koch, C. I., 203 Spruce
Stuebner, Albert G., 560 Gordon
Stuebner, Lewis H., 112 Hamilton
Wagenblast, E., 623 Mulberry
Wilson, R. L., 720 Pear
REYNOLDSVILLE—Reynolds Hardware Co.
ROYERSFORD—Brunner, Samuel
STAUNTON—Hale Pavement Co.
SCRANTON—Schroeder & Schadt
SHAMOKIN—Kremer, Fred
TITUSVILLE—McDonald, W. H.
WARREN—Beck, C. I.
WAYNE—Johnson, R. H. Co.
WILLIAMSPORT—Greevy & Snyder
YORK—Engle, Michl. H.
Lehman & Co.
Wolf, Robt. P.

RHODE ISLAND.

BRISTOL—Bullock, R. D.
Callan, L. H.
CENTRAL FALLS—Ethier, Jno.
CRANSTON—Lockwood, H. B.
PROVIDENCE—Crane, J. & Co., 7 Warren av
NARRAGANSETT PIER—Bristow, Jno.
NEWPORT—Wilson, Harry, 33 Rhode Island av
PASCOAG—Bressett, Peter

PAWTUCKET—Adams, F. N. & Son
Herbert, Fred.
Kelly, Jno.
Lull, Henry F.
PEACE DALE—Doane, Felix
PROVIDENCE—Ballou, F. M., Co., 1325 Broad
Cartier, M. N., & Sons Co., 293 Canal
Citizens' Concrete Co., 75 Westminster
Crane, Jno., & Co., 158 Fort E
Hathaway, H. B., 48 Wilson
Johnston Concrete & Roofing Co., 654 Atwells av
Lockwood, H. B., 115 Wentworth
Moore, Jno. W., Co., 143 Allens
Providence Concrete & Roofing Co., 35 Westminster
Smith Concrete Co., Banigan bldg
Taylor, E. R., & Co., 75 Westminster
United States Concrete Co., Banigan bldg
WARREN—Adams, Jos.
WESTERLY—Westerly Concrete Co.
WOONSOCKET—Ballou, F. M. Co.
French, O. P. & Son, 16 Delter
Wright, Jos., 136 High

SOUTH CAROLINA.

COLUMBIA—Carolina Roof & Paving Co.

SOUTH DAKOTA.

SIOUX FALLS—Miracle & Miracle
Parmley, R. G. & Bros.

TENNESSEE.

CHATTANOOGA—Chattanooga Roof & Paving Co., 720 E Montgomery av
KNOXVILLE—Knoxville Supply Co.
MEMPHIS—Koehler, P., 196 Main
Miller, Chas. R. Paving Co., 16 Madison
Miller Paving Co., 20 Madison
NASHVILLE—Adamant Stone & Roofing Co., 111 S Front
Nashville Chemical Co., 921 N Front
Nashville Roofing & Paving Co., 811 Cherry
Tennessee Tile & Paving Co., 500 N Front

TEXAS.

AUSTIN—Ilse, Franz, 109 E 9th
Manfrais & Benney, 812 W 12th
DALLAS—Brin, Frank, 305 Cottage ln
Gannon, F. T., 178 Motley
Stubbs, Geo. W., 275 Grand av
Thompson, Jos. S., 761 Main
FAIRVIEW—Bruce, Thos. L.
FT. WORTH—Gardner, Jno. F.
Puckett, Jas. P.
GALVESTON—Elder, L. V., 212 Tremont
Galveston Cement Pipe Works, 2808 Market
Ricker, Lee & Co., 2201 Strand
HOUSTON—Houston Paving Co.
Humphreville, Wm. E., 704 1-2 Main
Rudersdorf, Jno. R., 209 Main

UTAH.

OGDEN—Parry, Joseph, 1743 Wash'n
SALT LAKE CITY—Harigan, Frank O., P. O. Box 1167
Salt Lake Gilsonite Co., 5 Culmer blk
Utah Asphalt & Varnish Co., 404 McCormick blk
Wasatch Asphaltum Co., 5 Culmer blk

VERMONT.

BARTON—Colliston, Erastus G.
BRATTLEBORO—Perry, David T.
BURLINGTON—Moore, E. F., 63 Greene
RUTLAND—Adams, A. L.
Pike, L. M.

VIRGINIA.

ALEXANDRIA—Padgett, Henry & Joseph
DANVILLE—Brimmer, C. H., 166 Gray
HAMPTON—Richardson, R. H. & Son
NEWPORT NEWS—Foster, S. L. & Son
Granolithic Paving Co., 227 25th
Griffin, Lee, 717 27th
Temple, A. H. & Co.
NORFOLK—Addenbrook's, Jno. U., Sons, Monticello av c Freeman
Cement Construction Co., Bruceton pl nr Botetourt
Foster, S. L., & Sons (Granolithic), 6 Plume
Kaufmann, J. C., Colley & Guilbert avs
Lawson, L. L., 834 W Highland av
Purnell, I. L., 419 S Clay av
Sands, U. S., 541 Granby
Southern Paving & Construction Co.
PORTSMOUTH—Flynn, Arthur
VIRGINIA—Artificial Stone Works, 201 2d
RICHMOND—McClay, Alex., 2400 Grove av
Veitch, Walter, 214 S 6th
ROANOKE—Roanoke Mineral Co.

WASHINGTON.

SEATTLE—Brandt & Crowley, 109 Yeslerway
Frank, Jos., 602 Bellevue av N
Fritch & Co., Burke bldg
Hagen, Emil, 2203 4th av
Johnson & Wetterstrom, 1609 23d av
Morgan, J. R., 102 E 59th
Rotta & Wagner, 1209 2d av
Snook, J. M., 1304 Howell
Sparger Concrete Co., Lumber Ex.
Strandberg, C. O., 747 Blewett
SPOKANE—McAllister, Jno. H., 111 Mill
Spokane Paving Co.
TACOMA—Burnham, W. E., 1219 South K

WEST VIRGINIA.

WHEELING—Acme Paving Co.
Robrecht, Henry M., 145 14th
Suppes Bros., 2115 Main

WISCONSIN.

APPLETON—Driscoll, Jno.
BARABOO—Baraboo Roofing & Paving Co.
EAU CLAIRE—Chappel Concrete & Tile Co.
Larson, Andrew
Ross, Jos. W.
LA CROSSE—Aiken-Raymond Co.
Cement Sidewalk Co.
City Tile & Cement Co.
Devine, M. A. & Co.
La Crosse Sidewalk Co.
La Crosse Stone Sidewalk Co.
Marden, J. H., Cement & Paving Co.
Molzahn & Lyons
MADISON—MITCHELL, J. W.
MANITOWOC—Miller Sidewalk Co.
MILWAUKEE—Badger Cement Sidewalk Co., 111 Mason
Beckwith, Willard P., 712 29th
City Construction Co., 106 Mason
Cream City Sidewalk Co., 760 28th
Donahue & Co., Free Press bldg
Dreyer, Ed. D., 1008 6th
Felder, Fred., 559 4th av
Fus Bros. & Co., 598 22d av
Gerhardt, J. J. & Co., 2930 Lisbon av
Granite Sidewalk Co., 935 Windlake av
Milwaukee Sidewalk Co., 307 Grand av
Monsted, A. & Co., Pabst bldg
Mueller, Ewald, 690 Market
Northwestern Cement Walk Co., 631 7th
Northwestern Tile Co., 428 Grand av
Notbohm, E. C. Co., Iron blk
Portland Cement Construction, 204 Grand av
South Side Cement Co., 257 Reed
Sponhalz & Co., 326 Grand av
Star Cement Sidewalk Co., 904 Winnebago
Western Paving & Supply Co., 105 Grand av
Wisconsin Cement Walk & Cons. Co., Pabst bldg
Whitnall & Radewaker Supply Co., 211 Grand av
OSHKOSH—Marden, P. L. & Bro.
Northwestern Sewer Pipe Co.
RACINE—Corse, J. W., 940 Racine
RIVER FALLS—Ulrich, F. M.
SHEBOYGAN—Kraft, Fred. & Co.
Scheele, Henry, Jr.

Cement Bins (Steel)

SCAIFE, WM. B. & Sons CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)

Cement Dealers.

(See Masons & Builders' Materials.)

Cement (Elastic)

Thomson, H. C., 44 W 25th, New York

Cement Importers.

See also Cement Importers, Belgian Portland.
Also Cement Importers, Danish Portland.
Also Cement Importers, English Portland.
Also Cement Importers, French Portland.
Also Cement Importers,, German Portland.
Also Cement Importers, Keene's.
Also Cement Importers, Mannheimer Portland.
Also Cement Importers, Swedish Portland
Also Cement Mfrs.
Also Cements, Hydraulic.
Also Cements, Keene's American.
Also Cements, Portland.
Also Cements, Rosendale.

(For Cement Dealers see Mason and Builders' Materials.)

CALIFORNIA.

LOS ANGELES—Balfour, Guthrie & Co.
Spreckles Bros., Commercial Co., 200 Spring
SAN FRANCISCO—De Veuve & Rodgers, Safe Deposit bldg
Girvin & Eyre, 426 California
Meyer, Wilson & Co., 210 Battery.
Spreckels, J. D. & Bros. Co.

GEORGIA.

SAVANNAH—Gilbert, C. M. & Co.
Hanley, Andrew Co.

KENTUCKY.

LOUISVILLE—McBride, C. E. (Meier Puzzolan Brand), 151 3d

LOUISIANA.

NEW ORLEANS—Hiller, Alfred Co., 534 Magazine

MARYLAND.

BALTIMORE—Maryland Lime & Cement Co., 217 Bowby's Wharf
National Building Supply Co. (Porta-Booth), Lexington & North

MASSACHUSETTS.

BOSTON—Berry & Ferguson, 159 Devonshire
Bryant & Kent, 30 Kilby
Nash, W. G., 220 State
Waldo Bros., 102 Milk

NEW YORK.

NEW YORK—Alsen's Amer. Portland Cement Works ("Alsen"), 45 B'way
BEHREND, F. (Stettin Bredower, "Blue Eagle Brand"—Stettin, "Blue Anchor Brand"), 54 Front
FLEMING & CO., 123 Liberty. (See adv. index, end of book)
Francklyn & Ferguson, Cotton Exchange
Haebler & Co., 71 Wall
Hammill & Gillespie, 240 Front
Holmberg, Emil A. (Swedish Portland), 160 5th av
Marquardt & Co. ("Stettiner S." & "Germania"), 35 S William
NON-STAINING CEMENT CO. ("Lafarge," Stainless Portland), 156 5th av. (See adv. index, end of book)

Oland Cement Co., 160 5th av
Plock Marble Co., 541 W 22d
Sparrow, Jno. E. (White's Globe, Hemmoor & Misburger), 15 to 25 Whitehall
Thiele, E. ("Star," "Henry," "Royal Tin," "Royal Crown," "Dyckerhoff," "Heyn," "Hilton" & "B. S. & Co."), 99 John

OHIO.

CINCINNATI—Cincinnati Sewer Pipe Co., Elm c Water
Conkling, H. J., Gilbert av nr Court
Moores Lime Co., Union Trust bldg
McCammon, L. M. Bros., Johnston bldg
CLEVELAND—Kelley, Island Lime & Transport Co. (Lagerdorfer)

PENNSYLVANIA.

PHILADELPHIA—Davis, Paul A., Jr. (German Portland), 136 N Water
Ebert, Morris (Mannheimer Portland Cement), 302 Walnut
FRENCH, SAMUEL H. & CO., York av., 4th & Callowhill. (See adv. index, end of book)
Meng, Anthony & Co. (Dagger Brand), 190 S Front

SOUTH CAROLINA.

CHARLESTON—Carolina Portland Cement Co.
Southeastern Lime & Cement Co. (Black Cross), 276 E Bay

TEXAS.

GALVESTON—Fowler & McVitie
Mosle, H. & Co.
Parr, Wm. & Co.

Cement Importers (Belgian Portland)

Balfour, Guthrie & Co. ("Giant"), San Francisco, Cal.
Hammill & Gillespie ("Royal Cross"), 240 Front, New York
Hanley, Andrew Co. (Gibbs & N. S.), Savannah, Ga.
Hunkins-Willis Lime & Cement Co., 18th & Austin, St. Louis, Mo.
Maryland Lime & Cement Co., 217 Bowly's Wharf, Baltimore, Md.
Meng, Anthony (Dagger Brand), 190 S Front, Phila., Pa.
Nat. Building Supply Co. (Porta Booth), Lexington & North, Baltimore, Md.
Parr, Wm. & Co., 2104 Strand, Galveston, Tex.
South Eastern Lime & Cement Co. (Blackcross), 276 E B'way, Charleston, S. C.
Thiele, E. ("Royal Crown"), 99 John, N. Y.

Cement Importers (English Portland)

Balfour, Guthrie & Co., 316 California, San Francisco, Cal.
Clarke, Wm. Wirt & Son ("Johnson's), 115 S Gay, Baltimore, Md.
Davis, Paul A., 136 N Water, Phila., Pa.
FRENCH, SAMUEL H. & CO., York av, 4th & Callowhill, Phila., Pa. (See adv index, end of book)
Hanley, Andrew Co., Savannah, Ga.
Nat. Building Supply Co. (Porta Booth), Lexington & North, Baltimore, Md.
Parr, Wm. & Co., 2104 Strand, Galveston, Tex.
South Eastern Lime & Cement Co. (Blackcross), 276 E B'way, Charleston, S. C.
Spreckels, J. D. & Bros. Co. ("Gillingham" & "White Bros."), San Francisco, Cal.
Thiele, E. ("Hilton" & B. S. Co.'s), 99 John, New York

Cement Importers (French Portland)

FRENCH, SAMUEL H. & CO., York av, 4th & Callowhill, Phila., Pa. (See adv index, end of book)
NON-STAINING CEMENT CO., 156 5th av, New York City. (See adv. index, end of book)
Parr, Wm. & Co., 2104 Strand, Galveston, Tex.

Cement Importers (German Portland)

Alsen's Amer. Portland Cement Works. (Alsen), 45 B'way, New York
BEHREND, F. (STETTIN BREDOWer "Blue Eagle Brand,"—Stettin, "Blue Anchor Brand"), 54 Front, New York
Ebert, Morris (Mannheimer), 302 Walnut, Phila., Pa.
FRENCH, SAMUEL H. & CO., York av, 4th & Callowhill, Phila., Pa. (See adv index. end of book)
Hammill & Gillespie (Bismarck), 240 Front, N. Y.
Hanley, Andrew Co., Savanah, Ga.
Hunkins-Willis Lime & Cement Co., St. Louis, Mo.
Kelley Island Lime & Transport Co. (Lagerdorfer), Mercantile bk bldg, Cleveland, O.
McBride, C. E., Louisville, Ky.
Marquardt & Co. ("Stettiner's"), 35 S William, N. Y.
Nat. Building Supply Co., Lexington & North, Baltimore, Md.
Parr, Wm. & Co., 2104 Strand, Galveston, Tex.
Plock Marble Co. ("Clover Cleat"), 541 W 22d, New York
Sinclair & Babson (Alsen's), 45 B'way, New York
South Eastern Lime & Cement Co., Charleston, S. C.
Thiele, E. (Dyckerhoff, Heyn & Star Stettin), 99 John, N. Y.
Waldo Bros., 102 Milk, Boston, Mass.

Cement Importers (Mannheimer Portland)

Ebert, Morris, 302 Walnut, Phila., Pa.

Cement Importers (Meyer's German)

COHEN, MICHAEL (For Repairing, Patching, etc.), 1132 B'way, New York. (See adv. index, end of book)

Cement Importers (Swedish Portland)

Holmberg, E. A., 160 5th av, New York

Cement Mfrs.

All firms under this heading unless otherwise marked manufacture "Portland Cement.") * indicates Hydraulic Cement Mfrs. ** indicates "Rosendale" Cement Mfrs.

(For Cement Dealers see Masons' & Builders' Materials.)

ALABAMA.

BIRMINGHAM—Birmingham Cement Co. ("Southern Cross" brand, "Purzzolan")
Carolina Portland Cement Co.
*Southern Cement Co. ("Alabama" brand, "Purzzolan" & "Magnolia" brand "Purzzolan")
DEMOPOLIS—Alabama Portland Cement Co. ("Red Diamond" brand)
ENSLEY—Birmingham Cement Co.

CALIFORNIA.

COLTON—California Portland Cement Co. ("Colton" brand). (See Los Angeles)
LOS ANGELES—California Portland Cement Co.
NAPA JUNCTION—Standard Portland Cement Co.
SAN FRANCISCO—California Cement & Lime Co., 328 Montg'y
Pacific Portland Cement Co., Claus Spreckels bldg
Standard Portland Cement Co.
STOCKTON—California Lime & Cement Co.
SUISUN CITY—Pacific Portland Cement Co. Office, San Francisco

COLORADO.

DENVER—Colorado Portland Cement Co. ("Pike's Peak" brand), Continental bldg.
Works, Portland, Col.
Portland Cement Co. Works, Portland, Col.

DELAWARE.

WILMINGTON—Warner, Chas. Co. ("The Nazareth Brand")

DISTRICT OF COLUMBIA.

WASHINGTON—Cumberland Valley Cement Co. ("Cumberland Valley" brand, hydraulic), 612 F. N. W.

GEORGIA.

ATLANTA—Southern States Portland Cement Co., Empire bldg
CARTERSVILLE—Georgia Portland Cement Co.
CEMENT—*Howard Hydraulic Cement Co. ("Red Keystone" brand)
ROCKMART—Southern States Portland Cement Co.
ROSSVILLE—*Chickamauga Cement Co. ("New South" brand)

ILLINOIS.

pha" brand), Marquette bldg
CHICAGO—Alpha Portland Cement Co. ("Al-
Chicago Portland Cement Co. ("A A Chicago" brand), 801 Chicago Stock Exchange bldg
German-American Portland Cement Works, ((Owlcement), Marquette bldg. Works, La Salle, Ill.
Illinois Central R. R. Co. (for their own consumption)
Illinois Steel Co. ("Universal" brand, & "Steel" brand, "Purzzolan"), "The Rookery"
Marquette Cement Mfg. Co., Marquette bldg
Meacham & Wright Co. (Mfrs. Agents), 308 Chamber of Commerce
Silexoid Portland Cement Co., 39th & Lowe av
Utica Hydraulic Cement Co. ("Clark" brand), Chamber of Commerce bldg
Western Cement Co., 138 Washington
Wolverine Portland Cement Co., 138 Wash.
LA SALLE—German-American Portland Cement Works. ("Owlcement")
Marquette Cement Mfg. Co.
OGLESBY—Chicago Portland Cement Co. ("A A Chicago" brand)
UTICA—*Illinois Hydraulic Cement Mfg. Co.
*Utica Cement Mfg. Co. ("Black Ball" brand)
*Utica Hydraulic Cement Co. ("Clark" brand)

INDIANA.

BEDFORD—Midland Portland Cement Co.
BRISTOL—Monolith Portland Cement Co. ("Monolith")
CEMENTVILLE—*Banner Cement Co. ("Banner" brand, hydraulic)
CHARLSTOWN—*Indiana Cement Co. ("Lion" brand, hydraulic)
*Standard Cement Co. ("Best 4" brand, hydraulic)
INDIANAPOLIS—Midland Portland Cement Co., Law bldg
JEFFERSONVILLE—*Kentucky & Indiana Cement Co.
LOGANSPORT—Logansport Cement Works.
MITCHELL—Lehigh Portland Cement Co.
NEW ALBANY—*New Albany Cement Co. ("Crown" brand, hydraulic)

SELLERSBURG—*Clark County Cement Co. ("Hammer & Trowel" brand, hydraulic)
*Golden Rule Cement Co. ("Arm & Hammer" brand, hydraulic)
Hoosier Cement Co. ("Hod & Shovel" brand, hydraulic)
*Louisville Cement Co. (Speeds "Star" brand, hydraulic, "Horseshoe" & S. S. brands)
*United States Cement Co. ("Flag" brand, hydraulic)
SOUTH BEND—Indiana Stone, Lime & Cement Co.
SPEEDS—*Louisville Cement Co.
STROH—Wabash Portland Cement Co. ("Wabash" brand)
SYRACUSE—Sandusky Portland Cement Co. ("Medusa")
WATSON—*Louisville Cement Co.

KANSAS.

FORT SCOTT—*Fort Scott Cement Association ("Four Star" brand, Hydraulic)
KANSAS CITY—Ft. Scott Cement Association ("Double Star" brand)
IOLA—Iola Portland Cement Co. ("Iola" brand)
Kansas Portland Cement Co.
MEDICINE LODGE—Best Bros. & Co.

KENTUCKY.

LOUISVILLE—Louisville Cement Co. Speeds' "Star" brand, hydraulic & "Horseshoe," & "S. S." brands)
*Ohio Valley Cement Co. ("Fern Leaf" brand, hydraulic), 247 W Main
*Silver Creek Cement Co. ("Acorn" brand, hydraulic), 1200 E Main
*Union Cement & Lime Co. ("Black Diamond" & "Anchor" brands, hydraulic), 421 W. Main
*Western Cement Co. (Louisville), 247 W Main

MAINE.

CUMBERLAND—*Cumberland Cement Co.

MARYLAND.

BALTIMORE—*Maryland Cement Co.("Toltec" & "Patapsco" Slag), Builders' Exchange
CUMBERLAND—Cumberland & Potomac Cement Co.
*Cumberland Hydraulic Cement & Mfg. Co. (Bridges & Henderson, Props.), ("B. & H." brand, hydraulic)

MASSACHUSETTS.

BOSTON—*Davis, Jas. A. & Co. ("Olympia" brand), 92 State

MICHIGAN.

ALPENA—Alpena Portland Cement Co. ("Alpena" brand)
BALDWIN—Great Northern Portland Cement Co.
BATTLE CREEK—Monolith Portland Cement Co. ("Monolith")
BELLAIRE—Bellaire Portland Cement Co.
BRONSON—Bronson Portland Cement Co.
COLDWATER—Wolverine Portland Cement Co.
DETROIT—Aetna Portland Cement Co., Union Trust bldg
Egyptian Portland Cement Co. ("Egyptian" band), Hammond bldg
El Cajon Portland Cement Co., Chamber of Commerce bldg
Great Northern Cement Co. ("Great Northern"), Butler bldg. Works, Baldwin, Mich.
Standard Portland Cement Co. ("Standard" brand), Hammond bldg
Wabash Portland Cement Co. ("Wabash" brand), Union Trust bldg. Works, Stroh, Ind.
White Star Portland Cement Co. ("White Star" brand), 24 Laf av
Zenith Portland Cement Co., Whitney bldg
ELK RAPIDS—Elk Rapids Portland Cement Co. ("Elk Rapids" brand)
FENTON—Aetna Portland Cement Co.
Egyptian Portland Cement Co.
Logan Cement Co.
GRASS LAKE—Zenith Portland Cement Co.
JACKSON—Peninsular Portland Cement Co. ("Peninsular" brand)
JONESVILLE—Omega Portland Cement Co. ("Omega" brand)
MANCHESTER—Toledo Portland Cement Co
NEWAYGO—Newaygo Portland Cement Co. ("Gibraltar" brand)
SPRING ARBOR—Pyramid Portland Cement Co.
UNION CITY—Peerless Portland Cement Co. ("Peerless" brand)
Silexoid Portland Cement Co.
WYANDOTTE—Michigan Alkali Co. ("Wyandotte")

MINNESOTA.

AUSTIN—*Austin Cement Co. ("Austin" brand, hydraulic), (Fowler & Pay)
MANKATO—*Mankato Cement Works. ("Mankato" & "U. S. G.")

MISSOURI.

HANNIBAL—Atlas Portland Cement Co. ("Atlas")
KANSAS CITY—*Brockett, C. A., Cement Co. (Hydraulic), 121 W 8th
*Fort Scott Cement Ass't'n. ("Four Star" brand, hydraulic), 121 W 8th
Halliwell Cement Co., 312 E 9th
*Kansas City & Fort Scott Cement Co. ("Double Star" brand, hydraulic), 121 W 8th
Southwestern Portland Cement Co.
ST. LOUIS—Iola Portland Cement Co. ("Iola" brand), Lincoln Trust bldg. Works, Iola, Kan.
St. Louis Portland Cement Co. ("Red Ring")

NEW JERSEY.

ALPHA—Alpha Portland Cement Co. ("Alpha" brand)
NEWARK—**Newark Lime & Cement Mfg. Co. (Newark & Rosendale)
PERTH AMBOY—New Jersey Portland Cement Co. ("Climax")
GRANGE—Edison Portland Cement Co. ("Edison" brand)
STEWARTVILLE—Edison Portland Cement Co. ("Edison" brand)
VULCANITE—Vulcanite Portland Cement Co. (Portland)

NEW YORK.

AKRON—Akron Cement Works. ("Red Star" brand, hydraulic)
*Cummings Cement Co. (Akron & Oblisk)
ALBANY—**Helderberg Cement Co. ("Helderberg"), 38 State
BINNEWATER—**Consolidated Rosendale Cement Co. ("Brooklyn Bridge" brand)
BUFFALO—*BUFFALO CEMENT CO., (Ltd.), ("Buffalo Hydraulic and Portland), 110 Franklin
*Newman, H. L. & W. C. (Akron Star brand), 50 River
Thorn Cement Co., 118 Church
*Union Akron Cement Co. (Akron Star), 141 Erie
CALEDONIA—Iroquois Portland Cement Co. ("Iroquois" brand)
CASSADAGA—Continental Cement Co.
FAYETTEVILLE—*Bangs & Gaynor. (Hydraulic or Water Lime "Star")
Sheedy, Thos. W. (Hydraulic or Water Lime)
GLENS FALLS—Glens Falls Portland Cement Co. ("Iron Clad" & "Invicta" brands)
HOWES CAVE—*Helderberg Cement Co. ("Helderberg" brand)
HUDSON—Hudson Portland Cement Co.
ITHACA—Cayuga Lake Cement Co.
JANESVILLE—*Alvord, E. B. & Co.
JORDAN—*American Cement Co.
KINGSTON—Gill, David, Jr., 220 E Strand
**Newark Lime & Cement Mfg. Co. ("Old Newark" brand, hydraulic)
LEFEVER FALLS—**New York Cement Co. ("Superior")
LONG ISLAND CITY—(See New York City, Borough of Queens)
MANLIUS—*Behan, W. S. B.
NEW YORK—Alpha Portland Cement Co. ("Alpha" brand), 1 Madison av. Works, Alpha, N. J.
Alsen's Amer. Portland Cement Works, 45 B'way
ATLAS PORTLAND CEMENT CO. ("Atlas"), 30 Broad. (See adv. index, end of book)
**Consolidated Rosendale Cement Co. ("Brooklyn Bridge" brand), 26 Cortlandt. Works, Binnewater, N. Y.
COPLAY CEMENT MFG. CO. 1123 B'way. Works, Coplay, Pa. (See adv. next page)
Glens Falls Portland Cement Co. ("Iron Clad" & "Invicta" brands), 156 5th av
Hudson Portland Cement Co., 15 Park Row. Works, Hudson, N. Y.
Illinois Steel Co., 71 Broadway
Lawrence Cement Co. ("Dragon," "Hoffman"), 1 B'way
**New York Cement Co. ("Superior"), 17 Battery pl
Northampton Portland Cement Co. ("Northampton" brand), 26 B'way. Works, Stocktown, Pa.
Pennsylvania Cement Co. ("Pennsylvania" brand), 26 Cortlandt
Quaker Cement Co., 26 B'way. Works, Sandts Eddy, Pa.
Snyder, Hiram & Co. (Mfrs. Agent), 229 B'way
Virginia Portland Cement Co. ("Old Dominion" brand), 68 William. Works. Craigsville, Va.
Vulcanite Portland Cement Co., 949 B'way. Works, Vulcanite, N. J.
Whithall Portland Cement Co. ("Whitehall" brand), 156 5th av. Works, Cementon, Pa.
PALMYRA—Root, Addison L.
PERKINSVILLE—Wayland Portland Cement Co.
ROCHESTER—Wayland Portland Cement Co. ("Genesee" brand)
RONDOUT—(See Kingston)
ROSENDALE—Lawrence Cement Co. ("Dragon," "Hoffman")
SMITH'S LANDING—Catskill Cement Co. ("Catskill" and "Trowel")
WARNERS—Empire Portland Cement Co. (Empire)
WAYLAND—Millen, Thos. Co. (Wayland)
Wayland Portland Cement Co., "Genesee"
WESTCAMS—Alsen's Amer. Portland Cement Works. Office, New York City

NORTH DAKOTA.

GRAND FORKS—Pembina Portland Cement Co. ("Pembina" brand, Portland & "Northern" brand, hydraulic)

OHIO.

BELLEFONTAINE—Buckeye Portland Cement Co. (Buckeye Portland)
CASTALIA—Castalia-Portland Cement Co. ("Tiger")
CINCINNATI—Nonpareil Cement Co., 217 E 6th
CLEVELAND—Diamond Portland Cement Co. ("Diamond" brand), Williamson bldg
Iroquois Portland Cement Co. ("Iroquois" brand), W Madison & Highland av. Works, Caledonia, N. Y.
Sandusky Portland Cement Co. ("Medusa" brand), Western Reserve bldg
IRONTON—Ironton Portland Cement Co. ("Limestone" brand)
LISBON—Ohio Cement Co.
MIDDLE BRANCH—Diamond Portland Cement Co. ("Diamond" brand)
RUSHSYLVANIA—Alta Portland Cement Co.
SANDUSKY—Sandusky Portland Cement Co. ("Medusa")
Struthers Cement Co.
STRUTHERS—Struthers Furnace Co.
TOLEDO—Toledo Portland Cement Co.
WELLSTON—Alma Cement Co.
Lehigh Portland Cement Co. ("Lehigh" brand)
YOUNGSTOWN—Brier Hill Iron & Coal Co. ("Brier Hill" brand, "Puzzolan")

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Penn Allen Portland Cement Co.
CEMENTON—Whitehall Portland Cement Co. ("Whitehall" brand)
COPLAY—**ATLAS PORTLAND CEMENT** CO. ("Atlas"). Office, New York City. (See adv. index, end of book)
COPLAY CEMENT MFG. CO. Office, New York City. (See adv. below)
EASTON—Alpha Portland Cement Co.
Martins Creek Portland Cement Co. Works, Martins Creek, Pa.
EGYPT—*American Cement Co. ("Giant," "Egypt" and "Columbia")
EVANSVILLE—*Reading Cement Co. ("Rreading" brand)
MARTINS CREEK—Martins Creek Portland Cement Co. ("Krause" & "Martins Creek" brands)
National Portland Cement Co. Works
NAZARETH—Dexter Portland Cement Co. ("Dexter" brand)
Nazareth Cement Co. ("Nazareth" brand)
*Phoenix Cement Co. ("Phoenix," "Sunbridge" & "Clover Leaf," brands of Portland & "I. X. L." brand, hydraulic)
NORTHAMPTON — **ATLAS PORTLAND** Cement Co. ("Atlas"). (See adv. index, end of book)
PHILADELPHIA—Alma Cement Co. ("Alma"), Land Title bldg.
American Cement Co. ("Giant," "Egypt" and "Columbia"), 22 S 15th. Works, Egypt, Pa., & Jordan, N. Y.
ATLAS PORTLAND CEMENT CO. 114 N Broad. Works, Coplay & Northampton Pa. (See adv. index, end of book)
*Bonneville Portland Cement Co. (Star, Standard and Improved), Land Title bldg. Works, Siegfrieds, Pa.
Borgner Cement Co., 234 N 23d
Buckhorn Portland Cement Co., Stephen bldg. Works, Manheim, W. Va.
COPLAY CEMENT MFG. CO. OF NEW YORK ("Saylor" brands)' Girard bldg. (See adv. below)
Edison Portland Cement Co. ("Edison" brand), Girard bldg. Works, Stewartville, N. J.
FRENCH, SAMUEL H. & CO. (sole agents for Dexter Portland), York av, 4th and Callowhill. (See adv. index, end of book)
Lawrence Cement Co. ("Dragon," "Hoffman"), Harrison bldg
Nazareth Cement Co., 924 Chestnut. Works, Nazareth, Pa.
Northampton Portland Cement Co., 1215 Filbert. Works, Stockton, Pa.
Phoenix Cement Co. "Phoenix," "Sunbridge" & "Clover Leaf" brands, Portland & "I. X. L.," hydraulic), 929 Chestnut. Works, Nazareth, Pa.
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Whitehall Portland Cement Co. ("Whitehall" brand), Land Title bldg. Works, Clementon, Pa.
PITTSBURG—Alpha Portland Cement Co. ("Alpha" brand), 541 Wood
Castalia Portland Cement Co. ("Tiger" brand), 701 Publication bldg
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Colonial Cement Co., Ferguson bldg
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International Cement Co., Westinghouse bldg
Martins Creek Portland Cement Co. ("Krause" & "Martins Creek" brands), 541 Wood
Pittsburg Cement Co., 331 4th av
READING—Reading Cement Co. ("Reading" brand)
SANDTS EDDY—Quaker Portland Cement Co.
SIEGFRIED—Bonneville Portland Cement Co. ("Bonneville" & "Improved Bonneville" brands, hydraulic)
Lawrence Cement Co. of Pa. ("Dragon," "Paragon" & "Monarch" brands, Portland & "Shield" & "Improved Shield," hydraulic)
STOCKERTOWN—Northampton Portland Cement Co. ("Northampton" brand)
WAMPUM—Crescent Portland Cement Co. "Crescent" brand)

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CHARLESTON—Carolina Portland Cement Co.

SOUTH DAKOTA.

YANKTON—Western Portland Cement Co. ("Yankton" brand)

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CHATTANOOGA—Chickamauga Cement Co. ("New South" brand)
*Howard Hydraulic Cement Co. ("Red Keystone" brand). Works, Cement, Ga.

TEXAS.

FORT WORTH—Ft. Worth Portland Cement Co.
SAN ANTONIO—*Alamo Cement Co. ("Alamo" brand)

UTAH.

SALT LAKE CITY—Portland Cement Co. of Utah ("Red Diamond")

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MILWAUKEE—Consolidated Cement Co., 97 Wisconsin
*Milwaukee Cement Co. ("Keystone" brand, hydraulic), Plankinton bldg
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(See Packing Machines, in Machinery.)

Cement Sidewalks & Cellars.

(See Cement and Concrete Pavements. Also Contractors, Asphalt Paving.)

Cement Testing Machines.

(See Testing Machines, Cement, in Machinery.)

Cements.

(For various kinds of Cements see sub-divisions of this head following.)

Cements (Asbestos)

Alliance Asbestos Mfg. Co., Alliance, O.
ASBESTOS & MAGNESIA MFG. CO., Land Title bldg, Phila., Pa. (See adv. index, end of book)
Carey-Phillip Mfg. Co., Lockland, O.; 433 1st ave., Pittsburg, Pa., and 118 Liberty New York
Chicago Asbestos Mfg. Co., 78 W 22d pl, Chicago, Ill.
Connors, Wm. Paint Mfg. Co., Troy, N. Y.
Excelsior Steel Furnace Co., 40 W Monroe, Chicago, Ill.
Franklin Mfg. Co., Franklin, Pa.
Gast, Frank J., 26 Cortlandt. New York
Gilmour, R. M. Mfg. Co., 105 John, N. Y.
Johns, H. W.-Manville Co., 100 William, New York, & Milwaukee, Wis.
Keasbey & Mattison Co. (Also Magnesia) Main office & Works, Ambler, Pa. Branches, 84 John, New York; 1111 14th N. W. Washington, D. C.;117 Water, Cleveland, O.; 208 Lake, Chicago, Ill.; 154 Pearl, Boston, Mass.; 110 N Forsyth, Atlanta, Ga.; 528 Main, Cincinnati, O.; Granite blk, St. Louis, Mo.; 187 Liberty av, Pittsburg, Pa.; 350 E Water, Milwaukee, Wis.; 307 S 6th, Minneapolis, Minn.; 325 W Michigan, Duluth, Minn., & 18 E 3d, St. Paul, Minn.
New Jersey Asbestos Co., 117 N Front, Camden N. J., 52 Dey, New York
New York Asbestos Mfg. Co., Ravenswood, Long Island City, N. Y., & 95 Liberty, N. Y.
Norristown Covering Co., Norristown, Pa.
Nott, W. S. Co., Minneapolis, Minn.
Sall Mountain Asbestos Mfg. Co., 123 Ontario, Chicago; 95 Nassau, N. Y., & Sautee, Ga.
Southern Roofing Co. (Fibrous), Atlanta, Ga.
Union Fiber Co., Winona, Minn., & 143 Reed, Milwaukee, Wis.
WATSON, H. F., CO., Erie, Pa.; 12 So Clinton, Chicago, & 233 Congress, Boston, Mass. (See adv. index, end of book)

Cements (Asphalt)

Alcatraz Co. (Paving & Concrete), 124 Sansome, San Francisco, Cal.
Asphalt Rubber Paint Co., Washington, D. C.
Boorman, T. Hugh, 32 B'way, New York.
Graham Paper Co. ("A. A. A." Roofing), St. Louis, Mo.
Lewis Roofing Co., Rock Island, Ill.
Trinidad Asphalt Mfg. Co., 320 S. 21st, St. Louis, Mo.
Warren Bros. Co., 93 Federal, Boston, & 253 B'way, New York
WATSON, H. F., CO., Erie, Pa.; 12 So Clinton, Chicago, Ill., & 233 Congress, Boston, Mass. (See adv. index, end of book)

Cements (Belt)

Akron Belting Co., Akron, O.
Chicago Belting Co., 67 S. Canal, Chicago.

Cements (Brine Pipe)

McLennan Paint Co., Buffalo, N. Y.
Tripp, Alan H., 2829 Calumet, Chicago, Ill.

Cements (Elastic)

Algonquin Red Slate Co., Worcester, Mass.
Cole & Kuhls (Elastic Trowel), 23d & 3d av, Brooklyn, N. Y.
Connors, Wm. Paint Mfg. Co., Troy, N. Y.
Maire Paint Co. (All Minerals), 241 1st av, N Minneapolis, Minn.
MILWAUKEE CORRUGATING CO., Milwaukee, Wis. (See adv. index, end of book)
Purcell, Hycent (Original), 441 Main, Cambridgeport, Mass.
Tucker, Wm. G. Co., 553 E. 116th, N. Y.
United States Gutta Percha Point Co. (For Chimneys, Roofs, etc.), Providence, R. I.
Webster, W. F., Cambridgeport, Mass.
Wilhelm, A. Co. (Aluminium), Reading, Pa.

Cements (Fire)

Baltimore Terra Cotta Works, Baltimore, Md.
Behrend, F. (Importer), 54 Front, New York
MAURER, HENRY & SON, 420 E 23d, New York; Penna bldg, Philadelphia, Pa. Works, Maurer, N. J. (See adv. Inside Front Cover)

Cements (French Portland)

NON-STAINING CEMENT CO. ("Lafarge" Stainless), 156 5th, New York. (See adv. index, end of book)

Cements (Furnace & Stove)

Alliance Asbestos Mfg. Co., Alliance, O.
ASBESTOS & MAGNESIA MFG. CO., Land Title bldg., Philadelphia, Pa. (See adv. index, end of book)
Bowen's, S. Sons, 4th c Sedgely av, Phila., Pa.
California Anti-Caloric Co., San Francisco, Cal.
Carey-Philip Mfg. Co. (Asbestos), Lockland, O.;
Colebrook, W. H. Sons & Co., 1419 Orange, Syracuse, N. Y.
Connors, Wm., Paint Mfg. Co., Troy, N. Y.
Phillips, Jno. B., 80 9th, Brooklyn, N. Y.
Roos & Co., 1445 N Marshall, Phila., Pa.
Rutland Fire Clay Co., Rutland, Vt.
Steward, Wm. H. Mfg. Co., 81 Fulton
Trainer, C. W. Mfg. Co., 89 Pearl, Boston, Mass.
Tucker, Wm. G. Co., 553 E 116th, New York
WATSON, H. F., CO., Erie, Pa.; 12 So Clinton, Chicago, Ill., &233 Congress, Boston, Mass. (See adv. index, end of book)
Williams Stove Lining Co., Taunton, Mass.
Wilson, Geo. W., 612 Myrtle av, Brooklyn, N. Y.

Cements (Hydraulic)

See firms marked with a * under head of "Cement Mfrs."

Cements (Iron)

Bowen's, S. Son ("Pecora," for Blow Holes), N 4th & Sedgeley av, Phila., Pa.
Clark Cast Steel Cement Co., Shelton, Conn.
Smooth-On Mfg. Co., Jersey City, N. J.
UNITED STATES GUTTA PERCHA Paint Co. ("Rice's Adamant" for Blowholes in Casting Leaks in Boilers, Piping, etc.), 24 Mathewson, Providence, R. I. (See adv. index, end of book)

Cements (Keene's American)

Acme Cement Plaster Co. ("Acme"), Century bldg., St. Louis, Mo.
Best Bros. & Co. (Mfrs.), Medicine Lodge, Kan.
Huntins-Willis Lime & Cement Co. (Sole agents for U. S.), 18th and Austin, St. Louis, Mo.
Oland Cement Co. (Victor Dove"), 160 5th ave., N. Y.

Cements (Keene's Imported)

FLEMING & CO., 123 Liberty, New York. (See adv. index, end of book)
Francklyn & Ferguson (English), Cotton Exchange bldg, New York
King, J. B. & Co., 1 B'way, N. Y.

Cements (Lafarge)

NON-STAINING CEMENT CO., 156 5th av, N. Y. (See adv. index, end of book)

Cements (Locomotive & Boiler Front)

Frazer Specialty Co. ("Frazer's" Non-Corrosive), Detroit, Mich.

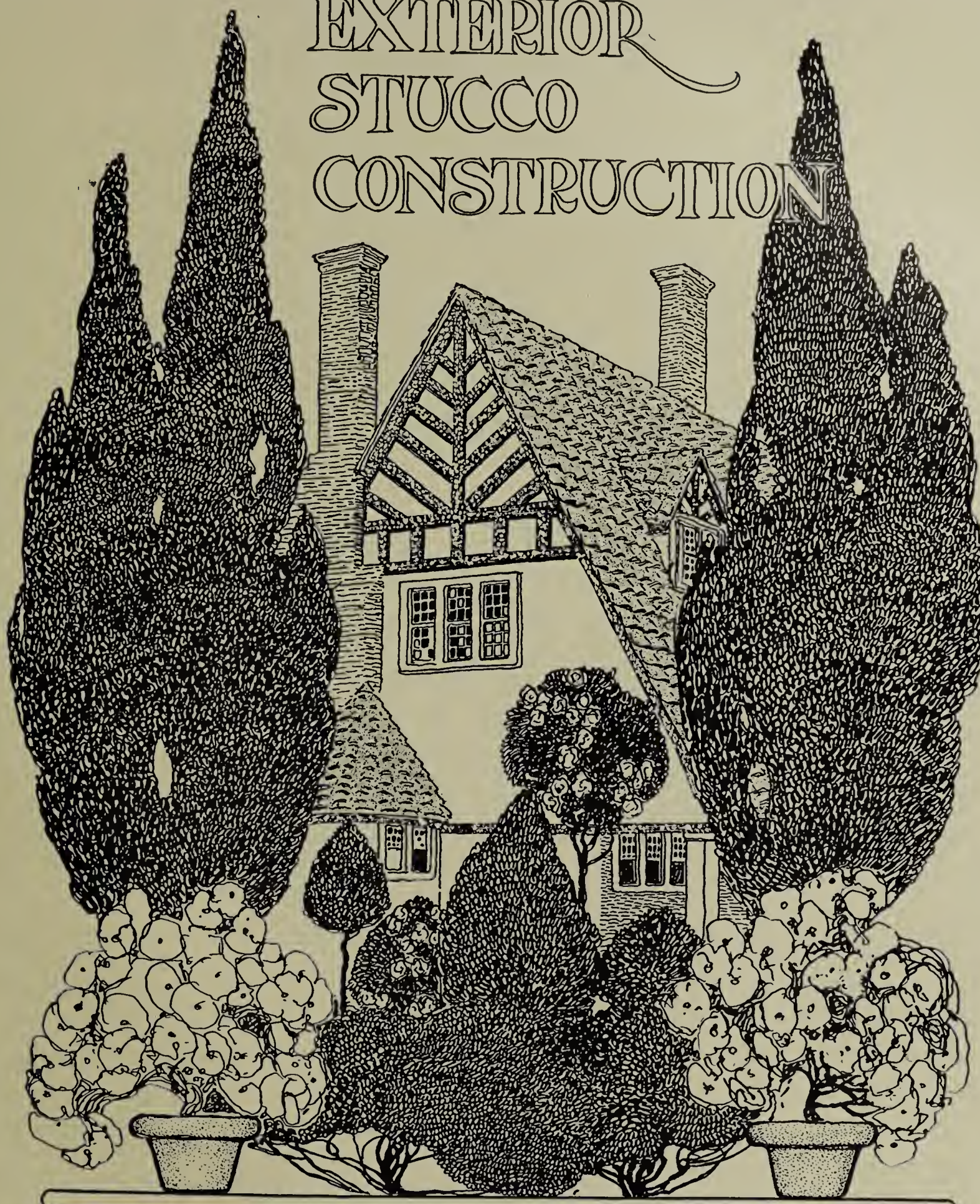
Cements (Paving)

Barrett Mfg. Co. (Coal Tar), Land Title bldg, Phila., Pa.; Merchant Loan & Trust bldg, Chicago, Ill.; 17 Battery pl, New York; St. Louis, Mo.; Cleveland, O.; Cincinnati, O.; Pittsburg, Pa.; Minneapolis, Minn.; Kansas City, Mo., & New Orleans, La.

Cements (Pipe Joint)

Baker, W. T. (("Atlantic"), Jersey City, N. J.
Callahan, Geo. & Co. ("Old Reliable"), 218 Front, N. Y.
Cook, Edw. W., 306 Pearl, N. Y.
CRANE CO. (EST. 1855), (The "Crane"), 10 N Jefferson, Chicago; New York, Philadelphia, St. Louis, Kansas City, Sioux City, Omaha, Los Angeles, San Francisco, Portland, Ore.; Salt Lake City, Utah; Seattle, Wash.; Spokane, Wash. (See adv. index, end of book)
Crookstom, Wm. H. & Bro., 185 Wooster, N. Y.
Desper, Henry A., Worcester, Mass.
Dixon, Jos. Crucible Co., Jersey City, N. J.
Eagle Paint & Varnish Co. Works, Allegheny, Pa.
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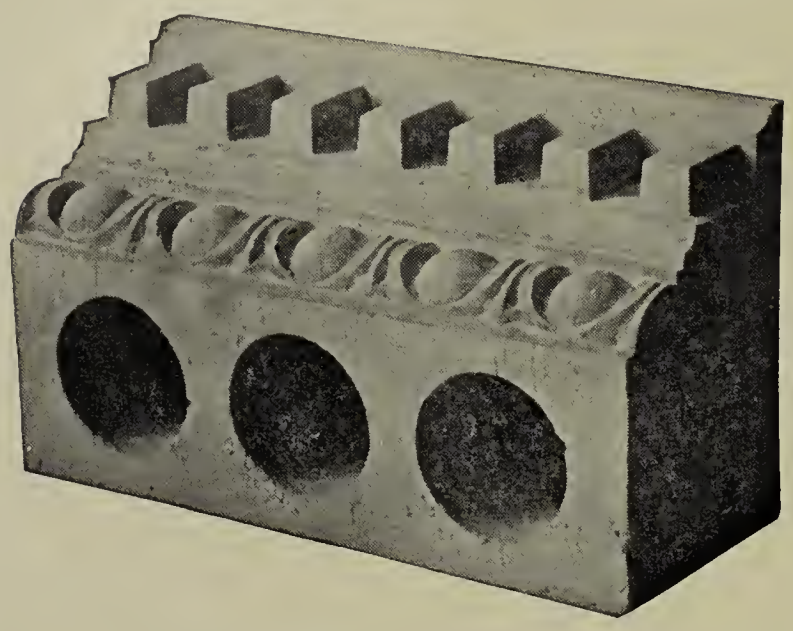
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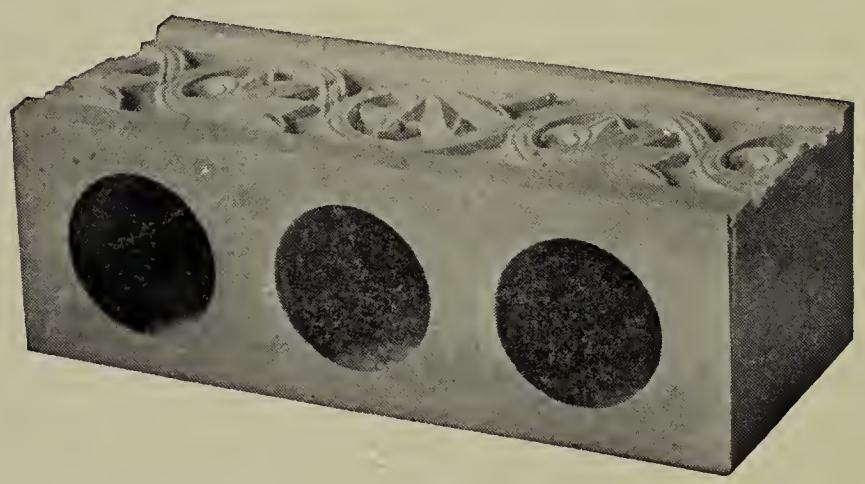
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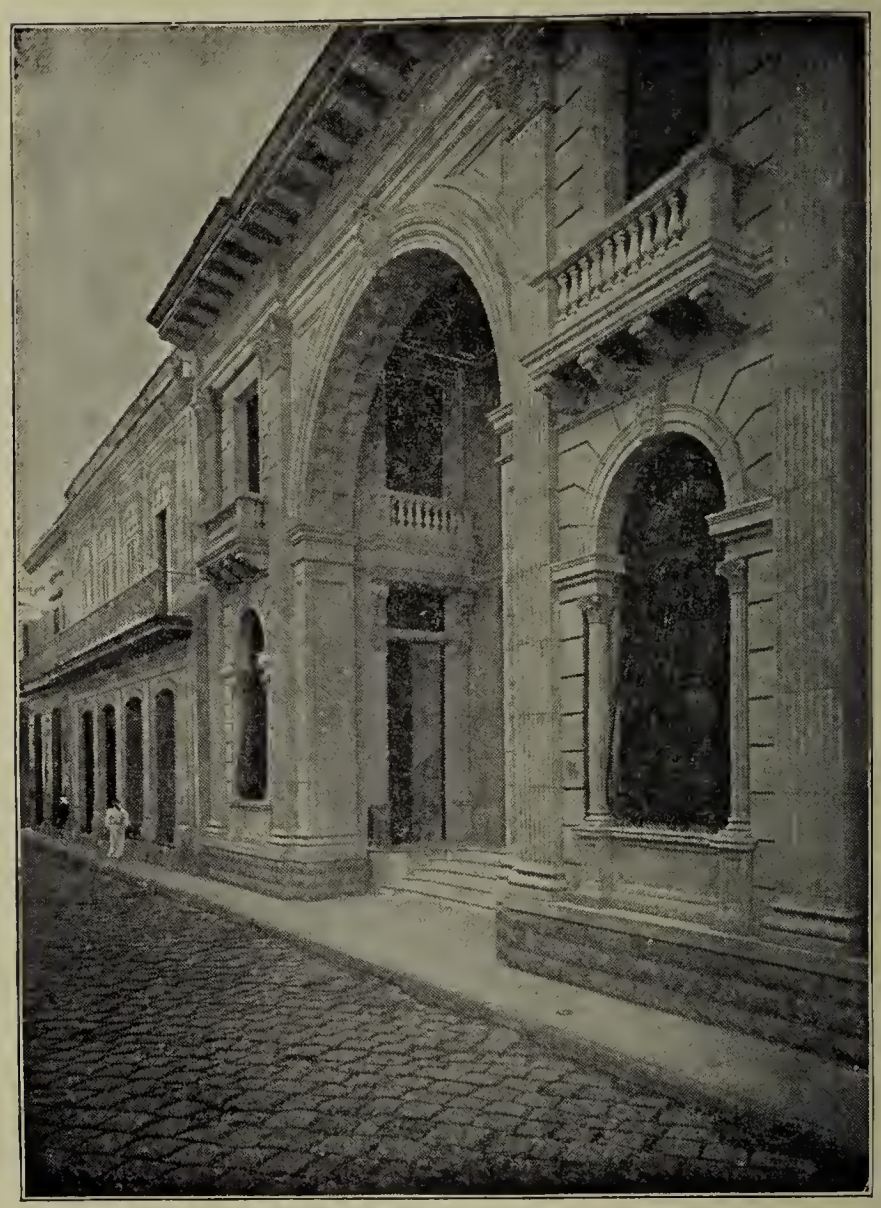
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Smooth-on Mfg. Co., Jersey City, N. J.
Tripp, Alan H. ("Tripp's O. K."), 2829 Calumet, Chicago, Ill.
United States Graphite Co., Saginaw, Mich.
Wheeler, Asahel, 52 High, Boston, Mass.
Wisconsin Graphite Co., Allegheny, Pa.

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Alabama Portland Cement Co., Demopolis, Ala.
Alma Cement Co., Land Title bldg., Phila., Pa., & Marquette bldg., Chicago, Ill.
Alamo Cement Co., San Antonio, Tex.
Alpha Portland Cement Co., Alpha, N. J., and Harrison bldg. Philadelphia, Pa.
Alpena Portland Cement Co., Alpena, Mich.
Alsens Amer. Portland Cement. Works, 45 B'way, N. Y.
American Cement Co. ("Giant," "Egypt," & "Columbia"), 22 S 15th, Phila., Pa. Works, Egypt, Pa. & Jordan, N. Y.
ATLAS PORTLAND CEMENT CO. ("Atlas"), 30 Broad, N. Y. Works, Coplay, Pa.; Northampton, Pa., & Hannibal, Mo. (See adv. index, end of book)
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Borgner Cement Co., 23d above Race, Philadelphia, Pa.
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Buckhorn Portland Cement Co., Manheim, W. Va.
BUFFALO CEMENT CO. (Ltd.), ("Buffalo"), 110 Franklin, Buffalo, N. Y.
California Portland Cement Co., Los Angeles, Cal. Works, Colton, Cal.
Canadian Portland Cement Co., Deseronto, Ontario, Canada
Castalia Portland Cement Co. (Tiger), Pittsburg, Pa., & Castalia, O.
Chicago Portland Cement Co., Chicago Stock Exchange bldg., Chicago, Ill.
Colorado Portland Cement Co., Denver, Col. Works, Portland, Col.
COPLAY CEMENT MFG. CO. (Saylor's), 1123 B'way, N. Y. Works, Coplay, Pa. (See adv. index, end of book)
Crescent Portland Cement Co., Wampum, Pa.,
Cumberland Valley Cement Co., 612 F., N. W. Washington, D. C.
Cummings Cement Co. (Obelisk & Akron), Akron, N. Y.
Detroit Portland Cement Co., Detroit, Mich.
Dexter Portland Cement Co., Nazareth, Pa.
Diamond Portland Cement Co., Cleveland, O. Works, Middle Branch, O.
Edison Portland Cement Co., Girard Trust bldg., Philadelphia, Pa.
El Cajon Portland Cement Co., Detroit, Mich.
Elk Rapids Portland Cement Co., Elk Rapids, Mich.
Empire Portland Cement Co. (Empire), Werners, N. Y.
Ft. Worth Portland Cement Co., Ft. Worth, Tex.
FRENCH, SAMUEL H. & CO. ("Dexter," Selling Agts.), 4th & Callowhill, Phila., Pa. (See adv. index, end of book)
Georgia Portland Cement Co., Cartersville, Ga.
German-American Portland Cement Works, 204 Dearborn, Chicago, Ill. Works, La Salle, Ill.
German Portland Cement Co., White Pigeon, Mich.
Glens Falls Portland Cement Co. (Iron Clad), Glens Falls, N. Y., & 156 5th av, N. Y.
Great Lakes Portland Cement Co., Rogers City, Mich.
Great Northern Portland Cement Co. (the Great Northern), Detroit, Mich. Works, Baldwin, Mich.
Hartranft, Wm. G. Cement Co. (Mfrs. Agents), Real Estate Trust bldg, Philadelphia, Pa.
Helderberg Cement Co. (Helderberg & Portdale), Albany, N. Y.
Hudson Portland Cement Co., Hudson, N. Y.
Illinois Steel Co. (Puzzolan"), "The Rookery," Chicago, Ill.
Indiana Portland Cement Co., Detroit, Mich.
Imperial Portland Cement Co., 421 Chestnut, Philadelphia, Pa. Works, Nazareth, Pa.
International Cement Co., Pittsburg, Pa.
Iola Portland Cement Co., Iola, Kan.
Ironton Portland Cement Co., Ironton, O.
Iroquois Portland Cement Co. Office & Works, Caledonia, N. Y. Sales Office, 48 White bldg, Buffalo, N. Y.
Kansas Portland Cement Co., Iola, Kan.
Lawrence Cement Co. ("Dragon," "Paragon" and "Monarch"), 1 B'way, N. Y.
Lehigh Portland Cement Co. ("Lehigh"), Allentown, Pa.; Wellston, O., & Mitchell, Ind.
Marquette Cement & Mfg. Co., La Salle, Ill., & Marquette bldg., Chicago.
Martins Creek Portland Cement Co., Martins Creek & Easton, Pa.
Maryland Cement Co. ("Toltic" & "Patapsco"), Builders' Exchange, Baltimore, Md.
Michigan Alkali Co. (Wyandotte Brand), Wyandotte, Mich.
Millen, Thos., Co. (Wayland), Syracuse & Wayland. N. Y.
Monolith Portland Cement Co., Bristol, Ind., and Battle Creek, Mich
Nazareth Cement Co., Nazareth, Pa.
National Portland Cement Co., Easton, Pa. Works, Martins Creek, Pa.
New Jersey Portland Cement Co. (the Climax Brand), Perth Amboy, N. J.
Newaygo Portland Cement Co., Newaygo, Mich.
NON-STAINING CEMENT CO. ("Lafarge"), 156 5th av, New York. (See adv. index, end of book)
Northampton Portland Cement Co., 26 B'way, N. Y. Works, Stockton, Pa
Omega Portland Cement Co., Jonesville, Mich.
Pacific Portland Cement Co., Claus Spreckels bldg., San Francisco. Works, Suisum City, Cal.
Peerless Portland Cement Co., Jackson, Mich.
Pembina Portland Cement Co., Grand Forks, N. Dak.
Peninsular Portland Cement Co., Jackson, Mich.
Penn Allen Portland Cement Co., Allentown, Pa. Works, Bath, Pa.
Pennsylvania Cement Co. ("Pennsylvania" brand), 26 Cortlandt, N. Y.
Portland Cement Co., Portland, Colo.
Phoenix Cement Co., Nazareth, Pa.
Portland Cement Co. (of Utah), Salt Lake City, Utah
Quaker-Portland Cement Co., 26 B'way, N. Y. Works, Sandts Eddy, Pa.
Reading Cement Co., Reading, Pa. Works, Molltown, Pa
St. Louis Portland Cement Co. ("Red Ring"), St. Louis, Mo.
Sandusky Portland Cement Co. (Medusa), Sandusky, O., & Syracuse, Ind.
Silexoid Portland Cement Co., Union City, Mich., and Chicago, Ill.
South Bend Portland Cement Co., South Bend, Ind.
Southern Cement Co., Birmingham, Ala.
Southern States Portland Cement Co., Atlanta, Ga. Works, Rockmart, Ga.
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Standard Portland Cement Co., San Francisco, Cal., & Napa Junction, Cal.
Struthers Furnace Co., Struthers, O.
Texas Portland Cement Co. & Lime Co., Dallas, Tex.
Toledo Portland Cement Co., Toledo, O., & Manchester, Mich.
Twentieth Century Portland Cement Co., Fenton, Mich.
Virginia Portland Cement Co., Craigsville, Va.,
Vulcanite Portland Cement Co., Real Estate Trust bldg., Phila., Pa. Works, Vulcanite, N. J.
Wabash Portland Cement Co. (Turkey Brand), Union Trust bldg., Detroit, Mich.
Wayland Portland Cement Co., Wayland, Rochester and Perkinsville, N. Y.
Wellston Portland Cement Co., Wellston, O.
Western Portland Cement Co., Yankton, South Dakota
Whitehall Portland Cement Co., Land Title bldg, Phila. Works, Clementon, Pa.
Wolverine Portland Cement Co., Coldwater, Mich.
Zenith Portland Cement Co., Detroit, Mich.
Zuckey Lake Cement Co., Ann Arbor, Mich.

Cements (Rivet)

UNITED STATES GUTTA PERCHA Paint Co. ("Rice's," for Hulls of Iron or Steel Vessels), 24 Mathewson, Providence, R. I. (See adv. index, end of book)

Cements (Roofing)

(See also Paints, Roofing.)

ALGONQUIN RED SLATE CO., Worcester, Mass.
ASBESTOS & MAGNESIA MFG. CO., Land Title bldg, Phila., Pa. (See adv. index, end of book)
ATLAS PAINT CO. (Ltd.), 2638 Liberty ave., Pittsburg, Pa. (See adv index, end of book)
Balt Roofing & Coal Tar Co., 1211 Leadenhall, Baltimore, Md.
Bowen's, S., Sons, 4th c Sedgley av., Phila., Pa.
Boyle Mfg. Co., Lafayette, Ind.
Callahan, Geo. & Co., 218 Front, N. Y.
Carey, Philip, Mfg. Co., Lockland, O.
CINCINNATI WALL TIE CO., 228 W. 4th, Cincinnati, O. (See adv. index, end of book)
Clinton Metallic Paint Co., Clinton, N. Y.
Connors, Wm. Paint Mfg. Co., Troy, N. Y.
Gorsuch, T. M., 55 James, Cleveland, O.
Hetzel, J. G. (Est. of), 67 Maine, Newark, N. J.
Johns, H. W., Manville Co., 100 William, New York, & Milwaukee, Wis.
Lucas, Jno. & Co., 4th & Race, Phila., Pa.
McDonald, T. C. (The A. G.), Columbia, S. C.
Maire Paint Co. (All Minerals), Minneapolis, Minn.
MILWAUKEE CORRUGATING CO., (Jobbers), Milwaukee, Wis. (See adv. index, end of book)
Nute, A. T. & Son, 117 Southampton, Boston, Mass.
PATENT VULCANITE ROOFING CO. ("Vulcanite"), 25 S. Campbell av, Chicago, Ill. (See adv. index, end of book)
Phillips, Jno. B., 80 9th, Brooklyn, N. Y.
Purcell, Hyeent (Original), 441 Main, Cambridgeport, Mass.
Purcell, Wm. P., Cambridgeport, Mass.
Rankin, W. H. Co., main office & works, Elizabeth, N. J.
Root, Addison L., Palmyra, N. Y.
Stewart, W. H., Mfg. Co., 81 Fulton N. Y.
STOWELL MFG. CO. (Asphalt), 114 to 134 Culver av., Jersey City, N. J. (See adv. index, end of book)
Trinidad Asphalt Mfg. Co. (Epure Trinidad Asphalt), 320 S. 21st St. Louis, Mo.
Tucker, Wm. G. Co., 553 E. 116th st., N. Y.
UNITED STATES GUTTA PERCHA Paint Co., 24 Mathewson, Providence, R. I. (See adv. index, end of book)
Victor Mfg. Co. (Elastic), Newburyport, Mass.
Warren Bros. Co., 93 Federal, Boston, Mass., & 253 B way, New York
Warren Chemical Mfg. Co., 17 Battery pl, New York
WATSON, H. F., CO., Erie, Pa.; 12 So Clinton, Chicago, Ill., & 233 Congress, Boston, Mass. (See adv. index, end of book)
Webster, William F., Cement Co., Cambridgeport, Mass.
Wilhelm, A. Co. (Para), Reading, Pa.

Cements (Rosendale)

(See firms marked thus ** under head of "Cement Mfrs.")

Cements (Rubber)

Boston Belting Co., 256 Devonshire, Boston, Mass.
Continental Rubber Works, Erie, Pa.
Hartford Rubber Works Co., Hartford, Conn., & 136 Lake, Chicago, Ill.
Manhattan Rubber Mfg. Co., 18 Vesey, N. Y.,
Morgan & Wright, Inc. (Brush, Shoe, Steel, etc.), 19 N May, Chicago
N. J. Car Spring & Rubber Co., Jersey City, N.J.
New York Belting & Packing Co. (Ltd.), 91 Chambers, N. Y.

Cements (Stainless Portland)

NON-STAINING CEMENT CO. ("Lafarge"), 156 5th av, New York. (See adv. index, end of book)

Cemetery Railings

AMOS, CHARLES & CO., 94 W. Larned, Detroit, Mich. (See adv. index, end of book)

Atlanta Wire & Iron Works Co., Atlanta, Ga.
Barnum, E. T., Wire & Iron Works (Fencing), 103 Shelby, Detroit, Mich.
Bayley, Wm. & Sons Co., 732 Greenbush, Milwaukee, Wis.
CHAMPION IRON CO., Kenton, O. (See adv. index, end of book)
Dufur & Co., 311 N Howard, Baltimore, Md.
HICKEY, M. H. Wire & Iron Works, 54 Dearborn, Chicago, Ill.
Howard & Morse, 45 Fulton, N. Y.
JACKSON, WM. H. CO., 29 E. 17th, (Union Square), N. Y. (See adv. index end of book)
Jones, M. D. & Co., 71 Portland, Boston, Mass.
Lister & Fee, 35 S 5th, Brooklyn, N. Y.
McLean. Jno., 440 Water, New York
Manhattan Brass Co., 334 E 28th, N. Y.
MERRITT & CO., 1025 Ridge av, Phila., Pa. (See adv. index, end of book)
Phoenix Steel Construction Co., Penn av. & 3d av, Pittsburg, Pa.
SMITH, F. P. WIRE & IRON WORKS, 100 Lake, Chicago, Ill. (See adv. index, end of book)
Stewart Iron Works, 714 E. 3d, Cincinnati, O.
VULCAN CO,, DETROIT, MICH. (See adv. index, end of book)

Centers (Bench)

Brown & Sharpe Mfg. Co., Providence, R. I.
Pratt & Whitney Co., Hartford, Conn.
Putnam Machine Co., Fitchburg, Mass.

Centers (Car Wheel)

Pittsburg Steel Foundry, Pittsburg, Pa.
Reliance Steel Castings Co., Pittsburg Pa.
Standard Steel Works, Harrison bldg., Philadelphia, Pa.
Taylor Iron & Steel Co., High Bridge, N. J.

Centers (Index)

Brown & Sharpe Mfg. Co., Providence, R. I.
Cincinnati Milling Machine Co., Cincinnati, O.
Garvin Machine Co., 137 Varick, N. Y.
Gould & Eberhardt, Newark, N. J.
Kempsmith Mfg. Co., Linus, c Woodward, Milwaukee, Wis.
Newton Machine Tool Works (Inc.), 2343 Vine, Philadelphia, Pa.
Niles-Bement-Pond Co., 136 Liberty, New York
Pratt & Whitney Co., Hartford, Conn.
Waltham Watch Tool Co., Springfield, Mass.

Centers (Planer)

Fay & Scott, Dexter, Me.
Fitchburg Machine Works, Fitchburg, Mass.
Garvin Machine Co., 137 Varick, New York.
Hendey Machine Co., Torrington, Conn.
New Haven Mfg. Co., New Haven, Conn.
Niles-Bement-Pond Co., 136 Liberty, New York.
Pratt & Whitney Co., Hartford, Conn.
Putnam Machine Co., Fitchburg, Mass.
Reed, Francis Co., Worcester, Mass.
Whitcomb Mfg. Co., Worcester, Mass.

Centers (Sash Fastener)

Kupferle, Jno. C., 2d & Mound, St. Louis, Mo.
Norwalk Lock Co., S Norwalk, Conn.
Peck, Stow & Wilcox Co., Southington, Conn., & 27 Murray, New York
Penn. Hardware Co., Reading, Pa.
Pleuger & Henger Mfg. Co., 11th & Hebert, St. Louis, Mo.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn., & 43 Chambers, N. Y.
Wrightsville Hardware Co., Wrightsville, Pa.

Centers (Shaper)

Pratt & Whitney Co., Hartford, Conn.
Hendey Machine Co., Torrington, Conn.

Centrifugals

AMERICAN TOOL & MACHINE CO. ("Weston," Belt Water & Electrical Driven, for Laboratory or Experimental Use), 109 Beach, Boston, Mass
Remmers, B. & Sons (Special, for Starch & Chemical Factories), Bourse bldg, Phila., Pa.

Cesspools

Barber Mfg. Co., Ashtabula, O
Barnes Mfg. Co., Mansfield, O.
Central Foundry Co., 116 Nassau, N. Y.
Estabrook's, R. Sons ("Estabrook" Deep Seal), 204 W 1st S. B., Boston, Mass.
Glenn Mfg. Co. (Bell Trap, etc.), St. Charles, Ill.
Haines, Jones & Cadbury, 1136 Ridge av, Phila., Pa.
Kupferle, Jno. C., 2nd & Mound, St. Louis, Mo.
McDonald Bros., Columbus, O.
Madison Av Foundry Co., Cleveland, O
Modern Iron Works (with Ball Traps, etc.) Quincy, Ill.
Northwestern Foundry & Supply Co., Detroit, Mich.
Peck Bros. & Co., New Haven, Conn.
Springfield Brass Co., Springfield, Mass.
Trenton Brass & Machine Co., Trenton, N. J.
Wolff, L. Mfg. Co., 117 W. Lake, Chicago, Ill.

Chain Blocks

(See Hoists, Chain)

Chain Links & Chain (Punched)

American Iron & Steel Mfg. Co., Lebanon, Pa.
Federal Mfg. Co. (Diamond Chain Factory)., Elyria, O., & Indianapolis, Ind.
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., 1330 Buttonwood, Phila., Pa.
New Castle Forge & Bolt Co., New Castle, Pa.
NEW JERSEY FOUNDRY & MACHINE CO., 15 Murray, New York. (See adv. index, end of book)
Pawtucket Mfg. Co., Pawtucket, R. I.
Rhode Island Tool Co., Providence, R. I.
Smith, Thos. & Co., Worcester, Mass.
Transue & Williams Co. (Drop Forged Chain Links), Alliance, O.
Union Drop Forge Co. (Conveyors Links), 66 E Ohio, Chicago, Ill.

Chain Machinery

(See Machinery, Chain.)

Chain Stays

American Pin Co. (Brass), Waterbury, Conn.
Bernz, Otto, S 13th & S Orange, Newark, N. J.
Clow, Jas. B. & Sons, 342 Franklin, Chicago, Ill.
Columbus Brass Co., Columbus, O.
Detroit Sanitary Supply Co., Detroit, Mich.
Diamond Stamped Ware Co., Detroit, Mich.
DuBois, F. N. & Co., 245 9th av, N. Y.
Haines, Jones & Cadbury Co., 1237 Ridge av, Philadelphia, Pa.
Haydenville Co., Haydenville, Mass.
Hoffman & Billings Mfg. Co., Milwaukee, Wis.
McDonald, A. Y. & Morrison Mfg. Co., Dubuque, Ia.
McShane, Henry Mfg. Co., Baltimore, Md.
Mott, J. L. Iron Works, 88 Beekman, N. Y.
Nelson, N. O. Mfg. Co., 8th & St. Charles, St. Louis, Mo.
Peck Bros. & Co., New Haven, Conn.
Reid, R. W., 272 Kent av Brooklyn, N. Y.
Sanitary Co., 7 Water, Cleveland, O.
Standard Sanitary Mfg. Co., Arrott bldg, Pittsburg, Pa.
Street & Kent Mfg. Co., 41 Fulton, Chicago, Ill.
Waterbury Mfg. Co., Waterbury, Conn.
Wolff, L. Mfg. Co., 117 W. Lake, Chicago, Ill.
Wolverine Brass Works, Grand Rapids, Mich.

Chains (Agricultural)

BRIDGEPORT CHAIN CO., Bridgeport, Conn. (See adv. next page)
Carr, Jos. B. & Co., Troy, N. Y.
Chain Belt Co., Milwaukee, Wis.
Columbus Chain Co., Columbus O.
Enterprise Chain Works, Trenton, N. J.
Federal Mfg. Co. (Diamond Chain Factory), Elyria, O., & Indianapolis, Ind.
Hayden-Corbett Chain Co., Columbus, O.
Jones & Laughlins Steel Co., Pittsburg, Pa.
McCoy & Linn, Milesburg, Pa.
Mundorf, Geo. W., York, Pa.
New Castle Forge & Bolt Co., New Castle, Pa.
Robinson & Fosbrook, Fieldsboro, N. J.
Oneida Community (Ltd.), Kenwood, N. Y.
Standard Chain Co., 301 Ross, Pittsburg, Pa.
Starr, W. C. & Son, Richmond, Ind.
Todd Mfg. Co., New Albany, Ind.

Chains (Aluminum)

BRIDGEPORT CHAIN CO., Bridgeport, Conn. (See adv. next page)
Oneida Community (Ltd.), Kenwood, N. Y.

Chains (Automobile)

Baldwin Chain & Mfg. Co., Worcester, Mass.
Federal Mfg. Co. (Diamond Chain Factory), Elyria, O., & Indianapolis, Ind.
Whitney Mfg. Co., Hartford, Conn.

Chains (Awning)

BRIDGEPORT CHAIN CO., Bridgeport, Conn. (See adv. next page)
Federal Mfg. Co. (Diamond Chain Factory), Elyria, O., & Indianapolis, Ind.
Oneida Community (Ltd), Kenwood, N. Y.

Chains (Ball Bearing)

Monongahela Iron & Steel Co. (The Carter), Hope Church, Pa., & Pittsburg, Pa.

Chains (Bicycle)

Baldwin Chain Mfg. Co., Worcester, Mass.
Crescent Fire Arms Co., Norwich, Conn.
Federal Mfg. Co. Diamond Chain Factory), Elyria, O., & Indianapolis, Ind.
McKee Chain & Stamping Co., Norwich, Conn.
Morse Chain Co., Trumansburg, N. Y.
Springfield Drop Forging Co. (the Snow), Springfield, Mass.

Chains (Binder)

(See Chains, Log.)

Chains (Block)

Attwood Chain Works, Lebanon, Pa.
Columbus Chain Co., Columbus, O.
Enterprise Chain Works, Trenton, N. J.
Federal Mfg. Co. (Diamond Chain Factory), Elyria, O., & Indianapolis, Ind.
Monongahela Iron & Steel Co., Hope Church, Pa., & Pittsburg, Pa.
Robinson & Fosbrook, Fieldsboro, N. J.
Standard Chain Co., 301 Ross, Pittsburg, Pa.
Taylor, S. G. & Son, 98 Indiana, Chicago, Ill.
West End Rolling Mill Co. & Chain Works, Lebanon, Pa.
White Hill Chain Works, White Hill, N. J.
Woodhouse, Saml., 2 Stafford, Cleveland, O.

Chains (Brake)

Baker, Jas. H. Mfg. Co., Park bldg, Pittsburg, Pa. Works, Tarentum, Pa.
Carr, Jos. B. Co., Troy, N. Y.
Columbus Chain Co. (Close & Stud Link), Columbus, O.

Empire Chain Co., 2929 Smallman, Pittsburg, Pa.
Enterprise Chain Works, Trenton, N. J.
Hayden-Corbett Chain Co., Columbus, O.
New Castle Forge & Bolt Co., New Castle, Pa.
Round, David & Son, 2287 B'way. Cleveland, O.
Standard Chain Co., 301 Ross, Pittsburg, Pa.
Steel Car Forge Co., Pittsburg, Pa. Works, Ellwood City, Pa.
Taylor, S. G. & Son, 98 Indiana, Chicago, Ill.
Union Chain Works, People's Saving Bank bldg, Pittsburg, Pa.
West End Rolling Mill Co. & Chain Works, Lebanon, Pa.
Woodhouse, Samuel, 2 Stafford, Cleveland, O.
Wyatt, Thos. Mfg. Co. (Hand Made), Providence, R. I.

Chains (Brass)

Birmingham Brass Co., Derby Conn.
Bliss, A. H. & Co., North Attleboro, Mass.
Bridgeport Brass Co., Bridgeport, Conn., & 19 Murray, New York
BRIDGEPORT CHAIN CO., Bridgeport Conn. (See adv. below)
Enterprise Chain Works, Trenton, N. J.
Federal Mfg. Co. (Diamond Chain Factory), Elyria, O., & Indianapolis Ind.
Hale Bros., 65 Beacon, Worcester, Mass.
Holmes, Booth & Haydens Co., Waterbury, Conn., & 37 Park pl., N. Y.
Housatonic Co., Wallingford, Conn.
HUNGERFORD, U. T. BRASS & COPper Co. (Mfrs.' Agents), 497 Pearl, N. Y.
McKay, Jas. & Co., 29th & Liberty av, Pittsburg, Pa.
Phoenix Hardware Mfg. Co., Homer, N. Y.
Plume & Atwood Mfg. Co., Waterbury, Conn., & 29 Murray, N. Y.
Rome Brass & Copper Co., Rome, N. Y.
Smith & Egge Mfg. Co. (Cable), Bridgeport, Co.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Turner & Seymour Mfg. Co., Torrington, Conn.

Chains (Breast)

(See Chains, Coil.)

Chains (Breeching)

(See Chains, Coil.)

Chains (Cable & Marine)

Attwood Chain Works (Hand Made), Lebanon, Pa.
Bradlee & Co., 726 Richmond, Phila.
Carr, Joseph B. Co., Troy, N. Y.
Chillcott-Evans Chain Co., Allegheny, Pa.
Columbus Chain Co., Columbus, O.
Enterprise Chain Works, Trenton, N. J.
Federal Mfg. Co. (Diamond Chain Factory), Elyria, O., & Indianapolis, Ind.
Hayden-Corbett Chain Co., Columbus, O.
Jones & Laughlins Steel Co., Pittsburg, Pa.
Monongahela Iron & Steel Co., Hope Church, Pa., & Pittsburg, Pa.
Round, D. & Son, 2287 B'way, Cleveland, O.
Standard Chain Co., 301 Ross, Pittsburg, Pa.
Wyatt, Thos. Mfg. Co. (hand made), Providence, R. I.

Chains (Car Brake)

(See Chains, Brake.)

Chains (Car Haul)

Link Belt Engineering Co., Nicetown, Phila., Pa.; 47 Dey, New York, & Park bldg, Pittsburg, Pa.
Williamsport Clutch & Pulley Co., Williamsport, Pa.

Chains (Coal Mine & Quarry)

(See Chains, Crane; also Chains, Dredging)

Chains (Coil)

Bradlee & Co., 726 Richmond, Phila., Pa.
BRIDGEPORT CHAIN CO. (Triumph), Bridgeport, Conn. (See adv. below)
Chillcott-Evans Chain Co., Allegheny, Pa.
Columbus Chain Co. (Common Proof "B.B.", "B.B.B."), Columbus, O.
Empire Chain Co., 2929 Smallman, Pittsburg, Pa.
Greystone Mfg. Co., Greystone, Conn.
Hayden-Corbett Chain Co., Columbus, O.
Jones & Laughlins Steel Co., Pittsburg, Pa.
Kentucky Chain Co., Frankfort, Ky.
McCoy & Linn, Milesburg, Pa.
McKay, Jas. & Co., 29th & Liberty av., Pittsburg, Pa.
Mundorf, Geo. W., York, Pa.
New Castle Forge & Bolt Co., New Castle, Pa.
Oneida Community (Ltd.), Kenwood, N. Y.
Round, D. & Son, (sizes ⅛ to 2½-inch), 2287 B'way, Cleveland, O.
Standard Chain Co., 301 Ross, Pittsburg, Pa.
Starr, W. C. & Son, Richmond, Ind.
Steel Car Forge Co. (Proof), Pittsburg, Pa. Works, Elwood City, Pa.
Taylor, S. G. & Son, 98 Indiana, Chicago, Ill.
Todd Mfg. Co., New Albany, Ind.
United States Chain Co., Greenfield, Ind.
West End Rolling Mill Co. & Chain Works, Lebanon, Pa.
White Hill Chain Works, White Hill, N. J.
Wilcox, Crittenden & Co., Middletown, Conn.
Woodhouse, Samuel (sizes 3-16 to 2-inch), 4 Stafford, Cleveland, O.

Chains (Cow Tie)

BRIDGEPORT CHAIN CO. (Triumph), Bridgeport, Conn. (See adv. below)
Enterprise Chain Works, Trenton, N. J.
Greystone Mfg. Co., Greystone, Conn.
McCoy & Linn, Milesburg, Pa.
Mundorf, Geo. W., York, Pa.
New Castle Forge & Bolt Co., New Castle, Pa.
Oneida Community (Ltd.), Kenwood, N. Y.
Standard Chain Co., 301 Ross, Pittsburg, Pa.
Taylor, S. G. & Son, 98 Indiana, Chicago, Ill.

Chains (Crane)

Attwood Chain Works (Hand Made), Lebanon, Pa.
Bradlee & Co., 726 Richmond, Phila., Pa.
Carr, Joseph B. Co., Troy, N. Y.
Chillcott-Evans Chain Co., 652 Preble av., Allegheny, Pa.
Columbus Chain Co., Columbus, O.
Enterprise Chain Works, Trenton, N J.
Hayden-Corbett Chain Co., Columbus, O.
Hoopes & Townsend Co., 1330 Buttonwood, Phila., Pa.
Jones & Laughlins Steel Co., Pittsburg, Pa.
McKay, Jas. & Co., 29th & Liberty av., Pittsburg, Pa.
New Castle Forge & Bolt Co., New Castle, Pa.
NEWHALL CHAIN, FORGE & IRON Co., 15 Murray, New York. (See adv. index, end of book)
Robinson & Fosbrook, Fieldsboro, N. J.
Round, D. & Son (⅛ to 2½-inch), 2287 B'way, Cleveland, O.
Standard Chain Co., 301 Ross, Pittsburg, Pa.
Starr, W. C. & Son (Swedish Iron), Richmond, Ind.
Taylor, S. G. & Son, 100 Indiana, Chicago, Ill.
West End Rolling Mill Co. & Chain Works, Lebanon, Pa.
White Hill Chain Works, White Hill, N. J.
Woodhouse, Samuel, 4 Stafford, Cleveland, O.

Chains (Differential Pulley Block)

Columbus Chain Co., Columbus, O.
Round, D. & Son, 2287 B'way, Cleveland, O.
Standard Chain Co., 301 Ross, Pittsburg, Pa.
Taylor, S. G. & Son, 98 Indiana, Chicago, Ill.
West End Rolling Mill Co. & Chain Works, Lebanon, Pa.
Woodhouse, Samuel, 4 Stafford, Cleveland, O.

Chains (Dog Lead)

Greystone Mfg. Co. (And Couplers), Greystone, Conn.
Smith & Egge Mfg. Co., Bridgeport, Conn.

Chains (Drag)

Buhl Malleable Co., Detroit, Mich.
Exeter Machine Works, Pittston. Pa.
JEFFREY MFG. CO., Columbus, O.; 41 Dey, N. Y., & Equitable bldg., Denver, Col. (See adv. index, end of book)

"TRIUMPH" CHAIN

THE ORIGINAL WELDLESS WIRE CHAIN

TWICE AS STRONG AS WELDED CHAIN. IMMENSE VARIETY OF SIZES.

NOTE THAT LOCK JOINT.





WE MAKE OTHER WIRE CHAINS.

THE BRIDGEPORT CHAIN COMPANY, Bridgeport, Conn.

Chains (Dredge)

Attwood Chain Works, Lebanon, Pa.
Bradlee & Co., 726 Richmond, Phila., Pa.
Carr, Jos. B. Co., Troy, N. Y.
Chillcott-Evans Chain Co., Allegheny, Pa.
Columbus Chain Co., Columbus, O.
Empire Chain Co., 2929 Smallman, Pittsburg, Pa.
Enterprise Chain Works, Trenton, N. J.
Haskell, Wm. H. Mfg. Co. (punched link), Pawtucket, R. I.
Hayden-Corbett Chain Co., Columbus, O.
Hoopes & Townsend Co., 1330 Buttonwood, Phila. Pa.
JEFFREY MFG. CO., Columbus, O.; 41 Dey, N. Y., & Equitable bldg., Denver, Col. (See adv. index, end of book)
Monongahela Iron & Steel Co., Hope Church, Pa., & Pittsburg, Pa.
New Castle Forge & Bolt Co., New Castle, Pa.
NEWHALL CHAIN, FORGE & IRON Co. (Branded "Warwick"), 15 Murray, New York. (See adv. index, end of book)
Robinson & Fosbrook, Fieldsboro, N. J.
Rhode Island Tool Co. (Drop Forged Link), Providence, R. I.
Round, David & Son, 2287 B'way, Cleveland, O.
Standard Chain Co., 301 Ross, Pittsburg, Pa.
Taylor, S. G. & Son, 100 Indiana, Chicago, Ill.
West End Rolling Mill Co. & Chain Works, Lebanon, Pa.
Woodhouse, Samuel, 4 Stafford, Cleveland, O.

Chains (Elevator & Carrier)

Hoopes & Townsend Co. (Drop Forged), 1330 Buttonwood, Phila., Pa.
Rhode Island Tool Co. (Drop Forged Link), Providence, R. I.

Chains (Galvanized Pump)

Douglas, W. & B., Middletown, Conn. Branches: 83 John, New York, & 197 Lake, Chicago
Schriever, O. P., & Co. ("I. X. L."), 208 Elm, Cincinnati, O.
Union Mfg. Co., New Britain, Conn., & 103 Chambers, New York

Chains (Halter)

BRIDGEPORT CHAIN CO., Bridgeport, Conn. (See adv. index, end of book)
Covert Mfg. Co., Watervliet, N. Y.
Enterprise Chain Works, Trenton, N. J.
Greystone Mfg. Co., Greystone, Conn.
McCoy & Linn, Milesburg, Pa.
Mundorf, Geo. W., York, Pa.
Oneida Community (Ltd.), Kenwood, N. Y.
Standard Chain Co., 301 Ross, Pittsburg, Pa.

Chains (Harness)

Columbus Chain Co., Columbus, O.
Oneida Community (Ltd.), Kenwood, N. Y.
Starr, W. C. & Son, Richmond, Ind.
Todd Mfg. Co., New Albany, Ind.

Chains (Hitching or Mine)

Eclipse Mfg. Co., Pittsburg, Pa.
New Castle Forge & Bolt Works, New Castle, Pa.

Chains (Hoist)

Columbus Chain Co., Columbus, O.
Federal Mfg. Co. (Diamond Chain Factory), Elyria, O., & Indianapolis, Ind.
NEWHALL CHAIN, FORGE & IRON CO. (Branded "Warwick"), 15 Murray, N. Y. (See adv. index, end of book)

Chains (Howe Bull)

Ewart Mfg. Co., 515 Holmes av, Indianapolis, Ind., & Monadnock blk, Chicago, Ill.

Chains (Hydrant Sets)

BRIDGEPORT CHAIN CO., Bridgeport, Conn. (See adv. opp. page)

Chains (Jack)

(See also Chains, Safety.)

Birmingham Brass Co., Derby, Conn.
Bridgeport Brass Co., Bridgeport, Conn., & 19 Murray, N. Y.
Columbus Chain Co., Columbus, O.
Corbin Screw Corporation (Iron & Brass, Single or Double), New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, Ill., & 925 Market, Phila., Pa.
Hale Bros., 65 Beacon, Worcester, Mass.
Holmes, Booth & Haydens Co., Waterbury, Conn., & 37 Park pl, N. Y.
Hungerford, U. T., Brass & Copper Co. (Brass & Iron), 497 Pearl, N. Y.
Phoenix Hardware Mfg. Co., Homer, N. Y.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Smith & Egge Mfg. Co. (Brass & Iron), Bridgeport, Conn.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Turner & Seymour Mfg. Co., Torrington, Conn.
Wire Goods Co., Worcester, Mass.
WRIGHT WIRE CO., Worcester, Mass. (See adv. index, end of book)

Chains (Laminated Hoisting)

Federal Mfg. Co. (Diamond Chain Factory), Elyria, O., & Indianapolis, Ind.
Hunt, C. W. Co., 45 B'way, N. Y. Works, W. New Brighton, S. I., N. Y.

Chains (Link)

(See Chain Links & Chains, Punched)

Chains (Log)

Baker, Jas. H., Mfg. Co., Park bldg, Pittsburg, Pa. Works, Tarentum, Pa.
Carr, Jos. B. Co., Troy, N. Y.
Columbus Chain Co., Columbus, O.
Diamond Iron Works (Log & Cable Haul Up), Minneapolis, Minn.
Enterprise Chain Works, Trenton, N. J.
Hayden-Corbett Chain Co. (Ring & Hook), Columbus, O.
Hoopes & Townsend Co., 1330 Buttonwood, Phila., Pa.
Jones & Laughlins Steel Co., Pittsburg, Pa.
Kentucky Chain Co., Frankfort, Ky.
McCoy & Linn, Milesburg, Pa.
Mundorf, Geo. W., York, Pa.
Oneida Community (Ltd.), Kenwood, N. Y.
Robinson & Fosbrook, Fieldsboro, N. J.
Round, David & Son, 2887 B'way, Cleveland, O.
Starr, W. C. & Son, Richmond, Ind.
Standard Chain Co., 301 Ross, Pittsburg, Pa.
Taylor, S. G. & Son, 98 Indiana, Chicago, Ill.
Todd Mfg. Co., New Albany, Ind.
West End Rolling Mill Co. & Chain Works, Lebanon, Pa.

Chains (Machinery)

Federal Mfg. Co. (Diamond Chain Factory), Elyria, O., & Indianapolis, Ind.

Chains (Marine Railway)

Bradlee & Co., 726 Richmond, Phila., Pa.
Chillcott-Evans Chain Co., Allegheny, Pa.

Chains (Plumbers')

Birmingham Brass Co., Derby, Conn., & 290 B'way, N. Y.
Bridgeport Brass Co., Bridgeport, Conn. ,& 19 Murray, N. Y.
BRIDGEPORT CHAIN CO., Bridgeport, Conn. (See adv. index, end of book)
Corbin Screw Corporation, New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, Ill., & 125 Market, Phila., Pa.
Federal Mfg. Co. (Diamond Chain Factory), Elyria, O., & Indianapolis, Ind.
Garland Chain Co., Bailey-Farrell bldg, Pittsburg, Pa.
Glauber, M. & Co., 317 E 58th, N. Y.
Holmes, Booth & Haydens Co., Waterbury, Conn., & 37 Park pl, N. Y.
Hungerford, U. T. Brass & Copper Co. (Brass & Nickel Plates), 497 Pearl, N. Y.
Oneida Community (Ltd.), Kenwood, N. Y.
Phoenix Hardware Mfg. Co., Homer, N. Y.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Rome Brass & Copper Co., Rome, N. Y.
Smith & Egge Mfg. Co., Bridgeport, Conn.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Turner & Seymour Mfg. Co., Torrington, Conn.
White, Ira & Son, Niagara Falls, N. Y.
Williams & Marvin Co., Deep River, Conn.
Wire Goods Co., Worcester. Mass.
ogg, Nicholas, 732 E 143d, New York

Chains (Pole)

(See Chains, Coil.)

Chains (Power Transmission)

Ewart Mfg. Co. (Renold Silent, for Power Transmission), Indianapolis, Ind., & Monadnock blk., Chicago, Ill.
Federal Mfg. Co. (Diamond Chain Factory), Elyria, O.
Link Belt Engineering Co. ("Renold Silent") Nicetown, Phila., Pa.; 49 Dey. N. Y., & Park bldg, Pittsburg, Pa.
Link Belt Machinery Co. ("Renold Silent"), Chicago, Ill.
Morse Chain Co. (High Speed, Silent Running), Trumansburg, N. Y.
Rhode Island Tool Co. (Drop Forged Link), Providence, R. I.

Chains (Pump)

Douglas, W. & B., Middletown, Conn.
Garland Chain Co., Bailey-Farrell bldg, Pittsburg, Pa.
Garland Nut & Rivet Co. (Galvanized), Frick bldg, Pittsburg, Pa. Works, West Pittsburg, Pa.
Union Mfg. Co., New Britain, Conn.

Chains (Quarry)

(See Chains, Crane; also Chains, Dredging.)

Chains (Rafting)

Hayden-Corbett Chain Co., Columbus, O.
Buhl Malleable Co., Detroit, Mich.
New Castle Forge & Bolt Co., New Castle, Pa.
Robinson & Fosbrook, Fieldsboro, N. J.

Chains (Railroad)

BRIDGEPORT CHAIN CO., Bridgeport, Conn. (See adv. index, end of book)
Carr, Jos. B. Co., Troy, N. Y.
Columbus Chain Co., Columbus O.
Empire Chain Co., 2929 Smallman, Pittsburg, Pa.
Enterprise Chain Works, Trenton, N. J.
Jones & Laughlins Steel Co., Pittsburg, Pa.
McKay, Jas. & Co., Pittsburg, Pa.
Monongahela Iron & Steel Co., Hope Church, Pa. & Pittsburg, Pa.
New Castle Forge & Bolt Co., New Castle, Pa.
O'Leary, Arthur J. & Sons Co. (Crossing & Switch), 130 Lake, Chicago, Ill.
Oneida Community (Ltd.), Kenwood, N. Y.
Round, David & Son, 2287 B'way, Cleveland, O.
Standard Chain Co., 301 Ross, Pittsburg, Pa.
Starr, W. C. & Son, Richmond. Ind.
Taylor, S. G. & Son, 98 Indiana, Chicago.
West End Rolling Mill Co. & Chain Works, Lebanon, Pa.
Woodhouse, Sam'l, 4 Stafford. Cleveland, O.

Chains (Riveted)

MOLINE MALLLEABLE IRON CO., St. Charles, Ill.; 1357 Ridge av, Phila., Pa., & 37 Warren, New York. (See adv. index, end of book)

Chains (Safety)

(See also Chains, Jack; also Chains, Plumbers'.)

Baker, Jas. H. Mfg. Co., Park bldg., Pittsburg, Pa. Works, Tarentum, Pa.
BRIDGEPORT CHAIN CO., Bridgeport, Conn. (See adv. index, end of book)
Columbus Chain Co., Columbus, O.
Empire Chain Co., 2929 Smallman, Pittsburg, Pa.
Steel Car Forge Co., Pittsburg, Pa. Works, Elwood City, Pa.
Plume & Atwood Mfg. Co. (Brass), Waterbury, Conn., & 29 Murray, N. Y.
Robinson & Fosbrook, Fieldsboro, N. J.

Chains (Sash)

BRIDGEPORT CHAIN CO., Bridgeport, Conn. (See adv. index, end of book)
Federal Mfg. Co. (Diamond Chain Factory), Elyria, O., & Indianapolis, Ind.
MORTON, THOS., 169 Elm, New York
Oneida Community (Ltd.), Kenwood, N. Y.
Phoenix Hardware Mfg. Co., Homer, N. Y.
Pullman Mfg. Co., Rochester, N. Y.
Smith & Egge Mfg. Co., Bridgeport, Conn.
Zogg ,Nicholas, 732 E. 143d, New York.

Chains (Sprocket Wheel)

Boston Gear Works, 152 Purchase, Boston, Mass.
Buhl Malleable Co., Detroit, Mic.
Chain Belt Co., Milwaukee, Wis
Columbus Chain Co., Columbus, O.
Ewart Mfg. Co., Indianapolis, Ind., & Monadnock blk, Chicago, Ill.
Federal Mfg. Co. (Diamond Chain Factory), Elyria, O., & Indianapolis, Ind.
Hayden-Corbett Chain Co., Columbus, O.
JEFFREY MFG. CO., Columbus, O.; 41 Dey, N. Y., & Equitable bldg, Denver, Col. (See adv. index, end of book)
Jones & Laughlins Steel Co., Pittsburg, Pa.
Locke Steele Belt Co. (Tempered Steel, Detachable, Bridgeport, Conn.
Morgan Sprocket Chain Co., Detroit, Mich.
Moulton & Evans (With "Foster" Reinforcement), Minneapolis, Minn.
Port Huron Engine-Thresher Co.. Port Huron, Mich.
Round, David & Son, 2289 B'way, Cleveland, O.
Standard Chain Co., 301 Ross, Pittsburg, Pa.
Taylor Iron & Steel Co., High Bridge, N. J., & 253 B'way, N. Y.
West End Rolling Mill Co. & Chain Works, Lebanon, Pa.

Chains (Stay)

(See Chains, Wagon.)

Chains (Steam Shovel)

Attwood Chain Works, Lebanon, Pa.
Chillcott-Evans Chain Co., Allegheny, Pa.
Monongahela Iron & Steel Co., Hope Church, Pa., & Pittsburgh, Pa.
New Castle Forge & Bolt Co., New Castle, Pa.
NEWHALL CHAIN, FORGE & IRON CO. (Branded "Warwick"), 15 Murray, N. Y. (See adv. index, end of book)
Standard Chain Co., 301 Ross, Pittsburg, Pa.

Chains (Steel Bushed)

Ewart Mfg. Co., Indianapolis, Ind., & Monadnock bldg., Chicago, Ill.
Federal Mfg. Co. (Diamond Chain Factory), Elyria, O., & Indianapolis, Ind.
JEFFREY MFG. CO., Columbus, O.; 41 Dey, N. Y.; & Equitable bldg., Denver, Colo. (See adv. index, end of book)

Chains (Stud Link)

Chillcott-Evans Chain Co., Allegheny, Pa.
Empire Chain Co., 2929 Smallman, Pittsburg, Pa.

Chains (Tie Out)

BRIDGEPORT CHAIN CO., Bridgeport, Conn. (See adv. index, end of book)

Chains (Trace and Wrecking)

Carr, Jos. B. Co., Troy, N. Y.
Columbus Chain Co., Columbus, O.
Kentucky Chain Co., Frankfort, Ky.
Mundorf, Geo. W., York, Pa.
NEWHALL CHAIN, FORGE & IRON CO. (Branded "Warwick"), 15 Murray, New York. (See adv. index, end of book)
Round, David & Son, 2287 B'way, Cleveland, O.
Standard Chain Co., 301 Ross, Pittsburg, Pa.
Taylor, S. G. & Son, 98 Indiana, Chicago, Ill.
Todd Mfg. Co., New Albany, Ind.
West End Rolling Mill Co. & Chain Works, Lebanon, Pa.
Woodhouse, Samuel, 4 Stafford, Cleveland, O.

Chains (Transfer)

BARTLETT, C. O. & SNOW CO., French nr Columbus, Cleveland, O. (See adv. index, end of book)
Buhl Malleable Co., Detroit, Mich.
Ewart Mfg. Co., Indianapolis, Ind., & Monadnock bldg., Chicago, Ill.
Exeter Machine Works, Pittston, Pa.
JEFFREY MFG. CO., Columbus, O.; 41 Dey, N. Y.; & Equitable bldg., Denver, Colo. (See adv. index, end of book)
Link Belt Engineering Co., Nicetown. Phila., Pa.; Park bldg., Pittsburg, Pa., & 49 Dey, New York
Link Belt Machinery Co., W. 39th & Stewart, av., Chicago, Ill.
MOLINE MALLEABLE IRON CO., St. Charles, Ill.; 1361 Ridge av, Phila., Pa., & 37 Warren, New York. (See adv. index, end of obok)

Chains (Triumph)

BRIDGEPORT CHAIN CO., Bridgeport. Conn. (See adv. index, end of book)

Chains (Tubular)

Ewart Mfg. Co., Indianapolis, Ind., & Monadnock bldg., Chicago, Ill.

Chains (Wagon)

Columbus Chain Co., Columbus, O.
Hayden-Corbett Chain Co., Columbus, O.
McCoy & Linn, Milesburg, Pa.
Oneida Community (Ltd.), Kenwood, N. Y.
Standard Chain Co., 301 Ross, Pittsburg, Pa.
Starr, W. C. & Son. Richmond, Ind.
Todd Mfg. Co., New Albany, Ind.

Chains (Well)

BRIDGEPORT CHAIN CO., Bridgeport, Conn. (See adv. index, end of book)
Enterprise Chain Works, Trenton, N. J.
McCoy & Linn, Milesburg, Pa.
Mundorf, Geo. W., York, Pa.
Standard Chain Co., 301 Ross, Pittsburg, Pa.

Chains (Windmill)

BRIDGEPORT CHAIN CO., Bridgeport, Conn. (See adv. index, end of book)
Oneida Community (Ltd.), Kenwood, N. Y.
Standard Chain Co., 301 Ross, Pittsburg, Pa.
N. Y. (See adv. index, end of book)

Chair Machinery

(See Machinery, Chair.)

Chairs (Cast Iron)

(See Fountains, Vases, etc. Also Settees & Chairs, Iron.)

Chairs (Folding)

Bausman, D. H. (Steel, High-Low Lawn), Bausman, Pa.
Readsboro Chair Co., Readsboro, Vt.

Chairs (Invalid)

Burnham & Ruggan, Railway Appliance Co., 80 State, Boston, Mass.
Sargent Mfg. Co., Muskegon, Mich.

Chairs (Rail)

Baugher, Kurtz & N. Co. (Ltd.), York, Pa.
BUDA FOUNDRY & MFG. CO. (Head Chairs), Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
CHISHOLM & MOORE MFG. CO., Cleveland, O. (See adv. index, end of book)
Cornell, J. B. & J. M. Co. (cast iron), 2*th & 11th av,NewYork
Elkhart Frog & Crossing Works (Head), Elkhart, Ind.
Lorain Steel Co., Johnstown, Pa.
Penna. Steel Co., Steelton, Pa.; Girard bldg., Phila., Pa., & 71 B'way, New York
Pettibone, Mulliken & Co. (Samson Head Chairs), 204 Dearborn, Chicago
Weir Frog Co., Beech & Highland av, Cincinnati, O.
Wharton, Wm., Jr., & Co., Inc., 25th & Wash'n av, Phila., Pa.

Chairs, Rail (for Paved Tracks)

Burnham & Duggin Railway Appliance Co., 89 State, Boston, Mass.

Chalk Lines

Draper, W. H. & Son (Also Fish Lines), Troy, N. Y.
Gladding, B. F. & Co. (Also Cotton, Linen & Silk Fish Lines), So. Ostelic, N. Y.

Chalk Mfrs.

American Crayon Co. (School, Tailors', Billiard, Bowling, Foot, etc.), Sandusky, O., & Waltham, Mass.

Chalk (Tailors')

Steward, D. M. Mfg. Co., East End, Chattanooga, Tenn.

Chandeliers (Venetian Glass)

CHURCH ART GLASS CO., 253 4th av, N. Y. (See adv. index, end of book)

Changeable Office & Loft Building Directories

TABLET & TICKET CO., 87 Franklin, Chicago, Ill., & 381 B'way, New York,

Chaplets (Foundry)

PAXSON, J. W. CO., 1021 N. Delaware av, Phila., Pa. (See adv. Index, end of book)

Chaplets or Anchors.

Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
Pawtucket Mfg. Co., Pawtucket, R. I.

Char Kilns & Dryers

Broomell, Schmidt, Steacy & Co. (Inc.), York, Pa.

Charcoal.

Ballard, J. W., Binghamton, N. Y.
Bartley, John & Co., Mount Alton, Pa.
Belleville, Z., Bovee, Mich.
Berger Bros., 1217 State, Chicago, Ill.
Binney & Smith Co., 81 Fulton, N. Y.
Bradford Chemical Co., Bradford, Pa.
Brown, L. S. & Co., 33 Lyman, Springfield, Mass.
Bunce Bros., Azalia, Mich.
Bush, John I., 4 Beach, N. Y.
Commer, Diggins & Co., Cadillac, Mich.
Desmond, F. C., Traverse City, Mich.
Halligan, W. P. Co., Davenport, Ia.
Hillman, J. H. & Son, Frick bldg, Pittsburg, Pa.; Penn bldg, Phila., Pa.
Hooker, Howard M. & Co. (Inc.), Farmers' Bank bldg, Pittsburg, Pa.
Immerman, A. & Co., Thompsonville, Mich.
Kelly, Thos. P. & Co., 544 W 22d, N. Y.
McCormack, J. S. Co., 25th & A. V. R'y, Pittsburg, Pa.
Manufacturers' Charcoal Co., Bradford, Pa.
Newman, E. B. Charcoal Co., 548 W 25th, New York
OBERMAYER, S., CO., 647 Evans, Cincinnati, O.; 18th & Rockwell, Chicago, Ill.; 35th & Charlotte, Pittsburg, Pa.; Roe bldg, St. Louis, Mo.; Majestic bldg, Detroit, Mich.; Cooper bldg, Denver Colo.; Land Title bldg, Phila., Pa., & Mission St, San Francisco, Cal. (See adv. index, end of book)
Onota Charcoal Mfg. Co., Onota, Mich.
Rhodes, B. G. & Co., Noel, Mo.
Russell Chemical Co., Russell, Pa.
SMITH, J. D. FOUNDRY SUPPLY CO., 40 S Water, Cleveland, O., & 2143 Central av, Cincinnati, O. (See adv. index, end of book)
Spring Valley Charcoal Co., 338 Minn., St. Paul, Minn.
Springfield Facing Co. (In Every Form), Springfield, Mass.
Taylor, J. W., Summerville, S. C.
Turner, Wm. (& Charcoal Products), 532 Carlton, Brooklyn
Wolf, Penrose, Rockwood, Pa.
Wright, T. B. & Co., Mariners' & Merchants' bldg., Phila., Pa.

Chargers (Conveyor & Cupola)

Standard Sand & Machine Co., Cleveland, O.

Check Perforators.

Wesley Mfg. Co., 31 Beekman, N. Y.

Check Protectors

Angell, E. E. & Co. ("Printamount"), 366 Atlantic, Boston, Mass.
Columbia Specialty Mfg. Co., Washington, S. C.

Checks (Baggage)

American Railway Supply Co., 24 Park pl., New York
Bennett Stamp & Stencil Works, 58 Griswold, Detroit, Mich.
Brass Goods Mfg. Co., 7 Warren, New York, & Nevin c Union, Brooklyn, N. Y.
Chicago Seal Mfg. Co., c Kinzie & Green, Chicago, Ill.
Deline, L. M., White bldg, Buffalo, N. Y.
Dennison Mfg. Co. (paper & cloth), 26 Franklin, Boston. & 15 John, New York
Detroit Rubber Stamp Co., 99 Griswold, Detroit, Mich.
Gibson, A. C. Co., 338 Wash'n, Buffalo, N. Y.
Hoil, T. & Co., 333 Main, Buffalo, N. Y.
Johnson, J. G. & Co., 29 Seneca, Buffalo, N. Y.
Ness, Geo. M., Jr., 61 Fulton, New York
New York Stencil Works, 100 Nassau, New York
Robbins, John Mfg. Co., 58 Kneeland, Boston, Mass.
Schwerdle Stamp Co., 39 Fairfield av., Bridgeport, Conn.
Spencer, Wm. W., 206 Longworth, Cincinnati, O.
Stafford, Nelson Co., 66 Fulton, New York
Tenney, J. F. Co., 152 Lake, Chicago, Ill.
Thorpe Mfg. Co., 50 Woodward av, Detroit, Mich.
Wilcox, W. W. & Co., 201 Lake, Chicago, Ill.
Woodman, R. Mfg. & Supply Co., 63 Oliver, Boston, Mass.

Checks (Factory Time)

American Railway Supply Co., 24 Park pl, New York

Checks (Slot Machine)

Hanson, C. H. (Also Pay Checks, etc.), 44 S Clark, Chicago, Ill.

Checks (Trade)

Aluminum Mfg. Co., Two Rivers, Wis.

Checks & Check Blanks (Brass)

Holmes, Booth & Haydens Co., 37 Park pl, N. Y. & Waterbury, Conn.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Rome Brass & Copper Co., Rome, N. Y.
Schwerdtle Stamp Co. (Key, Time & Pay), Bridgeport, Conn.
Scovill Mfg. Co., Waterbury Conn.
Waterbury Brass Co., Waterbury, Conn.

Cheese Box Machinery.

(See Machinery, Cheese Box.)

Chemical Apparatus.

Boekel, Wm. & Co., 518 Vine, Phila., Pa.
Braun, F. W. & Co., Los Angeles, Cal.
Berge, J. & H., 95 John, N. Y.
Caire, Justinlan Co., 521 Market, San Francisco, Cal.
Chicago Laboratory Supply & Scale Co., 31 W. Randolph, Chicago
Denver Fire Clay Co., Denver, Col.
Elmer & Amend, 211 3d av, N. Y.
Feldt, Geo. D. & Co., 528 Arch, Phila., Pa.
Graham, Chas. ("Stone ware," Acid Proof), 986 Met. av, Brooklyn, N. Y.
Greiner, Emil, 78 John, N. Y.
Knott, L. E. Apparatus Co., 16 Ashburton pl., Boston, Mass.
Kohlbusch, Herman, 194 B'way, N. Y.
QUEEN & CO. (Inc.), 1010 Chestnut, Phila., Pa., & 59 5th av, N. Y. (See adv. Index, end of book)
Richards & Co., 12 E 18th, New York
Sargent, E. H. & Co., 106 Wabash av, Chicago
Standard Fire Brick Co., Denver, Col.
Taylor, Jno. & Co., 63 1st, San Francisco, Cal.
Thomas, A. H. & Co., 12th & Walnut, Phila., Pa.

Chemicalizers for Street-Alley Flushing.

Thompson, Walter M., 835 5th av, Cincinnati, O.

Chemicals.

Alba Mfg. Co., Aurora, Ill.
Billings-Clapp Co., 64 Federal, Boston, Mass.
Carbondale Charcoal Co., Carbondale, Pa.
Carbondale Chemical Co. (Ammonia & Choride, etc.), Carbondale, Pa.
Cooper, Chas. & Co., 194 Worth, N. Y.
Doggett, Stanley, 101 Beekman, New York
Dow Chemical Co., Midland, Mich. & Cleveland, O.
Eimer & Amend (Jobbers, Etc.), 211 3d av, N. Y.
Gabriel & Schall (Importers), 205 Pearl, N. Y.
General Chemical Co., 25 Broad, N. Y., & Phila. Bourse, Phila., Pa.
Grasselli Chemical Co., Cleveland, O., & 63 Wall, N. Y.
Merrimac Chemical Co., 75 Broad, Boston, Mass.
Roessler & Hasslacher Chemical Co., 100 William, N. Y.
Swift, Wm. H. & Co., 75 Broad, Boston, Mass.
Taylor, Geo. F., 136 Water, N. Y.

Chemicals (Battery)

(See Battery Chemicals.)

Chemicals (Nickel & Electroplating)

Hanson & Van Winkle Co., 219 Market, Newark, N. J.; 30 S Canal, Chicago, & 136 Liberty, N. Y.

Chemicals & Gases (Liquefied)

Hecla Compressed Gas Co., Chelsea, Mass.
Liquid Carbonic Co., 67 N Wells, Chicago, Ill.
White, S. S., Dental Mfg. Co., 1130 Chestnut, Phila., Pa.

*Chemists

SCAIFE, WM. B. & Sons CO., 221 1st av, Pittsburg, Pa. (See adv. Index, end of book)

Chimney Blocks (Perforated Radial)

NATIONAL PYROGRANIT CO., 17 Battery pl, New York. Works, South River, N. J. (See adv. index, end of book)

Chimney Pipe.

(See Flue Linings.)

Chimney Top Protectors

Jacobus, P. H., Millstadt, Ill.

Chimney Tops.

American Sewer Pipe Co., Bessemer bldg, Pittburg, Pa., & 30 Broad, N. Y.
Baltimore Terra Cotta Works, Baltimore, Md.
BOSTON FIRE BRICK CO. (Geo. M. Fiske, Mgr.), Mfrs. Agts., 161 Devonshire, Boston, Mass. (See adv. index, end of book)
Buckeye Fire Clay Co., Ulrichsville, O.
Cal. Sewer Pipe Co., Los Angeles, Cal.
Clark, N. & Sons, 17 Spear, San Francisco, Cal.
Clawson, L. E. & Co., 1340 Market, San Francisco, Cal.
Dee, Wm. E., Clay Mfg. Co., 169 Jackson boul, Chicago, Ill.
Dickey, W. S. Clay Mfg. Co., N. Y. Life bldg., Kansas City, Mo.
Elmira Sewer Pipe & Fire Brick Co., Elmira, N. Y.
Evens & Howard Fire Brick Co., 920 Market, St. Louis, Mo.

Gladding, McBean & Co. (& Pipe), Rialto bldg San Francisco, Cal. Works, Lincoln, Cal.
Haydenville Co., Haydenville, O.
Hocking Clay Mfg. Co., Logan, O.
Hutchins, John A. & Co., Wyoming, Pa.
Laclede Fire Brick Mfg. Co. Manchester & Sulphur avs, St. Louis, Mo.
Little Falls Fire Clay Co., Little Falls, Wash. works, Little Falls, Wash.
Macomb Sewer Pipe Co., Macomb, Ill.
Monmouth Mining & Mfg. Co., Monmouth, Ill.
New York Pottery Co., 630 W 36th, New York
NORTHWESTERN TERRA COTTA Co. Main Office & Works, 1000 Clyburn av.; Branch Office, 1415 Railway Exchange, Chicago, Ill. (See adv. index, end of book)
Pacific Clay Mfg. Co., Los Angeles, Cal.
Pea Shore Brick & Terra Cotta. Works, Camden, N. J.
Pittsburg Sewer Pipe & Conduit Co., Pittsburg, Kan.
Robinson Clay Product Co., Akron, O.
Southern Terra Cotta Works, Atlanta, Ga.
Stevens, H. Sons Co., Macon, Ga.
Streator Clay Mfg. Co. Streator, Ill.
Syracuse Stoneware Co. (Branch of Robinson Clay Product Co. of Akron, O.), 401 Fulton, Syracuse, N. Y.
Wassall Fire Brick Co., Columbus, O.

Chimney Tops (Revolving)

BERGER MFG. CO. Main Office & Works, Canton, O. Branches, 23 Lake, Chicago; 201 E 23d, N. Y.; 623 N Main, St. Louis, Mo.; 1215 Filbert, Phila., Pa.; 176 Federal, Boston, Mass. (See adv. index, end of book)
Feld, Geo. A. Co., 164 E 129th, N. Y.
Iwan Bros., Streator, Ill.
MILWAUKEE CORRUGATING CO., Milwaukee, Wis. (See adv. index, end of book)
Osborn Mfg. Co. ("Pond's"), 1331 Hamilton, Cleveland, O.
Powers Bros., Streator, Ill.

Chimney Tops (Slate)

(See Slate Stair Treads & Risers)

Chimneys

WEBER STEEL-CONCRETE CHIMney Co., Nat'l Life bldg, Chicago. (See adv. index, end of book)

Chimneys (Concrete)

WEBER STEEL-CONCRETE CHIMney Co. (Reinforced Concrete), Nat'l Life bldg, Chicago, Ill. (See adv. below)

Chimneys for Power Plants

(See Smokestacks, Iron & Steel, also Chimneys, Steel.)

Chimneys (Mica)

Gleason, E. P. Mfg. Co., 20 W Houston, N. Y.
Huse, Jos. & Son, Boston, Mass.
Mica Mfg. Co., 307 W Broadway, N. Y.
North Carolina Mica Co., Boston, Mass.
Ohio Mica Co., Canton, O.
Reichman, Geo., 1406 N 10th, Phila., Pa.
Storrs Mica Co., Owego, N. Y.

Chimneys of Perforated Radial Blocks

Alphons Custodis Chimney Construction Co., 90 Nassau, N. Y., & Marquette bldg, Chicago
Tatnall Engineering Co. ("Alphons Custodis"), Arcade bldg, Phila., Pa.
Weber, Adam Sons, 15 Park Row, N. Y. City. Works, Weber, N. J.
WEBER STEEL-CONCRETE CHIMney Co., Nat'l Life bldg, Chicago, Ill. (See adv. bottom of this page)

Chimneys (Steel)

(See also Smoke Stacks, Iron & Steel.)

CHICAGO BRIDGE & IRON WORKS (Horace E. Horton, Prop.) (Self Supporting), W 105th & Throop, Chicago, Ill. (See adv. index, end of book)
Columbiana Boiler Co., Columbiana, O.
Coatesville Boiler Works (Self-Supporting), Coatesville, Pa.
Frick Horace E. Co. (Self Supporting), 715 St. James bet Walnut, Phila., Pa.
Keeler, E. Co. (Self Supporting), Williamsport, Pa.
Lindsay, W. W. & Co., 1502 Market, Phila., Pa.
PETROLEUM IRON WORKS CO., Washington, Pa., & Farmers' Bank bldg, Pittsburg, Pa. (See adv. index, end of book)
Pollock, Wm. B. Co. (Self Supporting), Youngstown, O.
Riter-Conley Mfg. Co., Pittsburg, Pa.,& 39 Cortlandt, N. Y.
RUSSEL WHEEL & FOUNDRY CO. Detroit, Mich. (See adv. index, end of book)
Variety Iron Works Co., Cleveland, O.
WEBER STEEL-CONCRETE CHIMney Co., Nat'l Life bldg, Chicago, Ill. (See adv. below)
Wetherill, Robt .& Co. (Self Supporting), Chester, Pa.

Chimneys & Shades (Incandescent Gas)

Clark Bros. Glass Mfg. Co., Trenton, N. J.
Gill & Co. (Inc.), York & Thompson, Philadelphia, Pa.
Gillinder & Sons, 135 Oxford, Philadelphia, Pa.
Holophane Glass Co., 15 E. 32d, N. Y.
Macbeth-Evans Glass Co., Pittsburg, Pa.
Murray, J. J. & Co., Trenton & Willard, Philadelphia, Pa.
Phoenix Glass Co., 13 Murray, N. Y.

China Decorations

MEYERCORD CO., CHAM. OF COM. bldg., Chicago, Ill. (See adv. index, end of book)

Chippers (Extract Wood)

Mitts & Merrill, Saginaw, Mich.

Chisels (Box)

Carver Tool Works, Spring Valley, N. Y.
Drew C. & Co., Kingston, Mass.
Humason & Beckley Mfg. Co. (Cast Steel), New Britain, Conn.

Chisels (Brick)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Atha Tool Co., Newark, N. J.
Bernz, Otto, S. 13th & S. Orange av., Newark, N. J.
Brunner & Lay, 133 W Polk, Chicago, Ill.
Carver Tool Works, Spring Valley, N. Y.
Collins Co., Collinsville, Conn., & 212 Water, New York
Crescent Novelty Mfg. Co., St. Louis, Mo.
Doble, Abner Co., 200 Fremont, San Francisco, Cal.
Evansville Tool Works, Evansville, Ind.
Harvey, H. H., 608 Atlantic av, Boston
Plumb, Fayette R. (Inc.), Frankford, Philadelphia, Pa.
Stortz, Jno. & Son, 210 Vine, Phila., Pa.
Vaughan & Bushnell Mfg. Co., 877 Carroll av, Chicago

Chisels (Calking)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Bernz, Otto, S. 13th & S. Orange av., Newark, N. J.
CHICAGO TOOL & SUPPLY CO., 356 Dearborn, Chicago, Ill. (See adv. index, end of book)
Mueller, H. Mfg. Co., Decatur, Ill
Osborne, C. S. & Co., 96 Mechanic, Newark, N. J.

Chisels (Carpenters')

American Axe & Tool Co., Glassport, Pa., & 253 B'way, New York
Black, H. B. & Co., Chester, Pa.
Buck Bros. (Sockets, etc.), Millbury, Mass.
Buck Chas., Millbury, Mass.
Evansville Tool Works, Evansville, Ind.
Falls Mfg. Co. (Round & Flat), 12 Drumm, San Francisco, Cal.
HAMMACHER, SCHLEMMER & CO., 133 4th av, N. Y. (See adv. index, end of book)
Jennings, C. E. & Co., 42 Murray, N. Y.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Ohio Tool Co., Columbus, Ohio.
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 27 Murray, New York
Plumb, Fayette R. (Inc.), F'kd., Phila., Pa.
Russell & Erwin Mfg. Co., New Britain, Conn., & 45 Chambers, New York
Swan, Jas. Co., Seymour, Conn.
Wheeling Hinge Co., Wheeling, W. Va.
White, L. & I. J. Co., Buffalo, N. Y.
Winsted Edge Tool Works, Winsted, Conn.

Chisels (Cold & Cape)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. below)

W. H. ANDERSON & SONS (Inc.)
21 to 31 St. Aubin Avenue
DETROIT, MICH.
Manufacturers of BRICK, COLD, CAPE, CALKING, STONE AND MARBLE CUTTERS AND TRACK CHISEL, ETC. Tools for Stone and Marble Workers, Railroad, Telephone, Building, Sewer and Paving Contractors, Etc.

Atha Tool Co., Newark, N. J.
Bernz, Otto, S. 13th & S. Orange av., Newark, N. J.

STEEL-CONCRETE CHIMNEYS
built according to the "WEBER SYSTEM," are far superior to any other construction.
They are monolithic, indestructible and absolutely airtight.
They are constructed on fully approved engineering methods.
A number of these chimneys are now in use and giving splendid satisfaction.
Weber Steel-Concrete Chimney Company,
NATIONAL LIFE BUILDING, CHICAGO.

Billings & Spencer Co. (Drop Forged), Hartford, Conn.
Buck Bros., Millbury, Mass.
Carver, John, 80 Wallabout, Brooklyn, N. Y.
Carver Tool Works, Spring Valley, N. Y.
Crescent Novelty Mfg. Co., St. Louis, Mo.
Cronk & Carrier Mfg. Co. (Cold Chisels only), Elmira. N. Y.
Dicke Tool Co., Downers Grove, Ill.
Drew, C. & Co., Kingston, Mass.
Evansville Tool Works, Evansville, Ind.
Falls Mfg. Co., San Francisco, Cal.
Hammond, C. & Son, Ogontz, Pa.
Harvey, H. H., 608 Atlantic av, Boston, Mass.
Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Iron City Tool Works (Ltd.), 32d & Smallman, Pittsburg, Pa.
Jennings, C. E. & Co., 42 Murray, New York
Johnson, Wm., 249 Plane, Newark, N. J.
Kilborn & Bishop Co. (Drop Forged), 81 Lloyd, New Haven, Conn.
Klein-Logan Co., S 13th & Breed, Pittsburg, Pa.
Kraeuter & Co., 577 18th av, Newark, N. J.
Mound Tool & Scraper Co. (Engineers' Chums), 710 Howard, St. Louis, Mo.
Mueller, H. Mfg. Co., Decatur, Ill.
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 27 Murray, New York
Plumb, Fayette R. (Inc.), F'kd., Phila., Pa.
Snell Mfg. Co., Fiskdale, Mass.
Stortz, Jno. & Son, 210 Vine, Phila., Pa.
Syracuse Twist Drill Co., Syracuse, N. Y.
Therien, J. O., 116 1st av, N, Minneapolis, Minn.
Tuck Mfg. Co., 74 Ames, Brockton, Mass.
Vaughan & Bushnell Mfg. Co., 875 Carroll av, Chicago, Ill.
Verona Tool Works, Verona, Pa., & Murtland bldg, Pittsburg
Wheeling Hinge Co., Wheeling, W. Va.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)
Wilcox, Crittenden & Co., Middletown, Conn.

Chisels (Floor)

Bernz, Otto, S. 13th & S. Orange av., Newark, N. J.
Mueller H. Mfg. Co., Decatur, Ill.
Stortz, Jno. & Son, 210 Vine, Phila., Pa.

Chisels (Hollow Mortising)

Pugh, Job T., 31st & Ludlow, Phila., Pa.

Chisels (Stone Cutters')

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Atha Tool Co., Newark, N. J.
Brunner & Lay, 133 W Polk, Chicago, Ill.
Collins Co., Collinsville, Conn., & 212 Water, New York
Doble, Abner Co., 200 Fremont, San Francisco, Cal.
Evansville Tool Works, Evansville, Ind.
HAMMACHER, SCHLEMMER & CO., 133 4th av, New York. (See adv. index, end of book)
Harvey, H. H., 608 Atlantic av, Boston, Mass.
Klein-Logan Co., S 13th & Breed, Pittsburg, Pa.
Mack & Co., Rochester, N. Y.
Mead, I. V., 418 E. 110th, New York.
Plumb, Fayette R. (Inc.), Frankford, Phila.,
Schueddig, F. & Son, 525 S Jefferson, St. Louis,
Stortz, Jno. & Son, 210 Vine, Phila., Pa.

Chisels (Track)

ANDERSON, W. H. & SONS, Detroit. Mich. (See adv. index, end of book)
Atha Tool Co., Newark, N. J.
Collins Co., Collinsville, Conn., & 212 Water, New York
Evansville Tool Works, Evansville, Ind.
Harvey, H. H., 608 Atlantic av, Boston
Heller Tool Co., Newark, N. J.
Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Iron City Tool Works (Ltd.), 32d & Smallman, Pittsburg, Pa.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Klein-Logan Co., S 13th & Breed, Pittsburg, Pa.
McInnes Steel Co., Corry, Pa.
Pittsburg Tool & Drop Forge Co. ("Cheswick"), Arrott bldg, Pittsburg, Pa. Works, Cheswick, Pa.
Plumb, Fayette R., Frankford, Phila., Pa.
Solid Tool Steel Co. ("S. T. S."), 11 S. Jefferson, Chicago, Ill.
Verona Tool Wks., Verona, Pa., & Murtland bldg, Pittsburg, Pa
Vicksburg Mfg. Co., Vicksburg, Mich.

Chloride of Calcium

Carbondale Chemical Co. ("Solvay" Fluid & Solid), Carbondale, Pa.

Choppers (Food)

Landers, Frary & Clark ("Universal"), New Britain, Conn.
Syracuse Machine & Tool Co. ("Economy"), Fayetteville, N. Y.

Choppers (Meat)

Athol Machine Co. ("American"), Athol, Mass.
Enterprise Mfg. Co., 3d & Dauphin, Phila., Pa.
Landers, Frary & Clark ("Universal"), New Britain, Conn.
Murray Iron Works Co. (Draw-Cut Power & Hand & "Zimmerman & Iowa" Noisless & "Schwahn" Roeker), Burlington, Ia.
Peck, Stow & Wilcox Co., Southington, Conn.
Smith's, Jno. E. Sons Co. ("Buffalo Silent"), Buffalo, N. Y.
Steigert, Leopold (Also for Food Belt Power), cor Elder & Logan, Cincinnati, O.
Troy Nickel Works (Jno. E. Gaitley, Prop.), ("Peerless") Albany, N. Y.

Chucks (Auger Bit)

Andrew, M. L. & Co., 118 W 2d, Cincinnati, O.

Chucks (Car Wheel)

Hoggson & Pettis Mfg. Co., New Haven, Conn.
Horton, E. & Son Co., Windsor Locks, Conn.
Oneida National Chuck Co., Oneida, N. Y.
Skinner Chuck Co., New Britain, Conn.
Westcott Chuck Co., Oneida, N. Y.

Chucks (Centering)

Delivouk & George, 141 S Clinton, Chicago

Chucks (Drill)

Almond, T. R., 83 Washington, Brooklyn, N. Y.
Andrew, M. L. & Co., 118 W 2d, Cincinnati, O.
Brown, R. H. & Co. (The Reid), New Haven, Conn.
Burnham, Geo. Co., Worcester, Mass.
Butler Chuck Co., Greenfield, Mass.
Cleveland Twist Drill Co., Cleveland, O.
Clough, R. M. (For Straight Shank Drills), Tolland, Conn.
Cushman Chuck Co., Hartford, Conn.
Detroit Twist Drill Co. ("Graham"), Detroit, Mich.
Garvin Machine Co., 137 Varick, N. Y.
Goodell-Pratt Co., Greenfield, Mass.
Hoefer Mfg. Co., Freeport, Ill.
Hoggson & Pettis Mfg. Co., New Haven, Conn.
Horton, E. & Sons Co., Windsor Locks, Conn.
Ideal Machine Co., Hartford, Conn.
Jacobs Mfg. Co., Hartford, Conn.
Miller's Falls Co., Miller's Falls, Mass., & 28 Warren, New York
Modern Tool Co. ("Magic," also for Reamers & Counterbores, Taps, etc.), Erie, Pa.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Oneida National Chuck Co., Oneida, N. Y.
Pratt Chuck Co. (Driving Drill Chucks, etc.), Frankfort, N. Y.
Pratt & Whitney Co., Hartford, Conn.
Putnam Machine Co., Fitchburg, Mass.
Saunders, D. Sons (also Tap), Yonkers, N. Y.
Seneca Falls Mfg. Co. (The Davis), Seneca Falls, N. Y.
Skinner Chuck Co., New Britain, Conn.
Smith & Egge Mfg. Co. ("Giant"), Bridgeport, Conn.
Standard Tool Co., 1260 Central av, Cleveland, Ohio
Trump Bros. Machine Co., Wilmington, Del.
Union Mfg. Co., New Britain, Conn.
Westcott Chuck Co. (The Westcott, Oneida & Little Giant), Oneida, N. Y.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)
Whitney Mfg. Co. ("Presto"), Hartford, Conn.
Whiton, D. E. Machine Co., New London, Conn.
Wiley & Russell Mfg. Co., Greenfield, Mass.

Chucks (Jaw)

Cushman Chuck Co., Hartford, Conn.
Fray, Jno. S. & Co. (Three Jaw & Pine Vice Chuck), Bridgeport, Conn.
Horton, E. & Son Co. (Reversible), Windsor Locks, Conn.
Oneida National Chuck Co., Oneida, N. Y.
Saunders, D. Sons, Yonkers, N. Y.
Warner & Swasey, 57 E Prospect, Cleveland, O.
Whiton, D. E. Machine Co., New London, Conn.

Chucks (Lathe)

Cushman Chuck Co., Hartford, Conn.
Dwight Slate Machine Co., Hartford, Conn.
Harrington Edwin Son & Co., 1515 Penna. av, Philadelphia, Pa.
Hoggson & Pettis Mfg. Co., New Haven, Conn.
Horton, E. & Son Co., Windsor Locks, Conn.
Hurwood Mfg. Co. (Inc.), Bridgeport, Conn.
Ideal Machine Co., Hartford, Conn.
Leavitt Machine Co., Orange, Mass.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Oneida National Chuck Co., Oneida, N. Y.
Pratt & Whitney Co., Hartford, Conn.
Putnam Machine Co., Fitchburg, Mass.
Skinner Chuck Co., New Britain, Conn.
Union Mfg. Co., New Britain, Conn.
Warner & Swasey, Cleveland, O
Westcott Chuck Co. (The Westcott Combination, Independent & Universal), Oneida, N. Y.
Whiton, D. E. Machine Co., New London, Conn.

Chucks (Lever)

Potter & Johnston Machine Co., Pawtucket, R. I.
Saunders, D. Sons, Yonkers, N. Y.

Chucks (Milling Machine)

Horton, E. & Son Co., Windsor Locks, Conn.
Oneida National Chuck Co., Oneida, N. Y.
Whiton, D. E. Machine Co., New London, Conn.

Chucks (Oval)

Gould & Eberhardt (For Dies, Tools & Elliptic Shapes), Newark, N. J.

Chucks (Planer)

Brightman Mfg. Co., Shelby, O.
Cushman Chuck Co., Hartford, Conn.
FOX MACHINE CO., 127 N. Front, Grand Rapids, Mich. (See adv. index, end of book)
Harrington, Edward, Son & Co., 1515 Penna. av, Philadelphia, Pa.
Hollands Mfg. Co., Erie, Pa.
Ideal Machine Co., Hartford, Conn.
New Haven Mfg. Co., New Haven, Conn.
Oneida National Chuck Co., Oneida, N. Y.
Pratt & Whitney Co., Hartford, Conn.
PEDRICK & AYER CO., 85, 87, 89 Liberty, New York. Works, Plainfield, N. J.
Reading Machine & Tool Co., Reading, Pa.
Reed, Francis Co., Worcester, Mass.
Skinner Chuck Co., New Britain, Conn.

Chucks (Screw Cutting)

Errington, F. A. (Auto Opening), 39 Cortlandt, N. Y.

Chucks (Screw Machine)

Garvin Machine Co., 137 Varick, N. Y.
Horton, E. & Sons Co., Windsor Locks, Conn.
New Haven Mfg. Co., New Haven, Conn.
Oneida National Chuck Co., Oneida, N. Y.
Putnam Machine Co., Fitchburg, Mass.
Union Mfg. Co., New Britain, Conn.

Chucks (Spinning)

Bliss, E. W. Co., 19 Adams, Brooklyn, N. Y.
Hay-Budden Mfg. Co. (Forged Tool Steel), 254 N Henry, Brooklyn, N. Y.

Chucks (Spring)

Brown & Sharpe Mfg. Co., Providence, R. I.
Clough, R. M., Tolland, Conn.

Chucks (Tapping)

Errington, F. A. (Auto Reverse), 39 Cortlandt, N. Y.
Modern Tool Co. ("Magic"), Erie, Pa.
St. Louis Machine Tool Co., 1114 S 8th, St. Louis, Mo.

Chucks (Twist Drill)

Andrew, M. L. & Co., 118 N 2d, Cincinnati, O.
Morse Twist Drill & Machine Co., New Bedford, Mass.
National Twist Drill & Tool Co. ("National"), Detroit, Mich.
Oneida National Chuck Co., Oneida, N. Y.

Chucks (Wire or Wheel)

Hardinge Bros., 1036 Lincoln av., Chicago
Waltham Watch Tool Co., Springfield, Mass.
Welch, T. F. Mfg. Co., 65 Sudbury, Boston, Mass.

Chucks & Chuck Blanks

Waterbury Brass Co., Waterbury, Conn., & 122 Centre, N. Y.

Church Crosses

Jones, T. W., 18 Fletcher, N. Y.

Church Decorations

(See Decorations, Church.)

Church Organ Builders.

Bates & Culley, 706 Mercer, Phila., Pa.
Cole, Organ Co., 99 Bristol, Boston, Mass.
Farrand Organ Co., 1945 Park av., N. Y., & cor 12th & G. T. R'wy, Detroit, Mich.
Foley & Williams Mfg. Co., 123 W. 5th, Cincinnati, O
Hall, H. & Co., New Haven, Conn.
Hillgreen, Lane & Co., Alliance, O.
Holbrook, E. L., Millis, Mass.
Howard, Emmons, Westfield, Mass.
Kimball, W. W. Co., Wabash av & Jackson boul, Chicago
Niemann, Henry, 655 W Lombard, Baltimore, Md.
Odell, J. H. & C. S. & Co., 409 W 42d, N. Y.
Rohn, Jno., 1173 W University av, St. Paul, Minn.
Schuelke, Wm., 2219 Walnut, Milwaukee, Wis.
Stein, Adam, 668 W German, Baltimore, Md.
Viner & Son, 428 Pearl, Buffalo, N. Y.
Votey Organ Co., Detroit, Mich.; 77 Jackson Boul., Chicago, Ill., & 18 W 23d av, N. Y.
Weickhardt, Geo. J., 897 27th, Milwaukee, Wis.
Woodberry, Jesse & Co., 520 Harrison av, Boston, Mass.

Church Seating.

(See Furniture, Church.)

Church Spires Repaired.

Wightman, Andrew, Peekskill, N. Y.

Clamps (Adjustable)

Armstrong Mfg. Co., Bridgeport, Conn.
Billings & Spencer Co. ("Gardner" & "Miller"), Hartford, Conn.
Cincinnati Tool Co., Norwood, Cincinnati, O.
Dann Bros. & Co. (Wood Workers), New Haven, Conn.
Grand Rapids Clamp & Tool Co., Grand Rapids, Mich.
Mark Mfg. Co.. Evanston, Ill., & Chicago, Ill.
Milwaukee Foundry Supply Co., Milwaukee, Wis.
Smith & Egge Mfg. Co. ("Giant"), Bridgeport, Conn.
Stearns, E. C. & Co., Syracuse, N. Y.
TAYLOR, JAS. L. (Self-Locking Screw), 30 Lawrence, Newark, N. J. (See adv. below)

Clamps (Air Brake Hose)

Roberts Car & Wheel Co., Three Rivers, Mich.

Clamps (Basin)

American Brass Works, 426 Plum, Cincinnati, Ohio
Bailey-Farrell Mfg. Co., 3d & Ross, Pittsburg, Pa.
Blessing, C. A., 516 Montgomery av, Philadelphia, Pa.
Boston Brass. Co., 36 Oliver, Boston, Mass.
Central Brass Mfg. Co., Cleveland, O.
Clow, Jas. B. & Son, 342 Franklin, Chicago, Ill.
Colwell Lead Co. (Plumbers' "Joy"), 63 Centre, N. Y.
Connolly Specialty Works ("Giant"), 1071 Atlantic av, Brooklyn, N. Y.
Columbus Brass Co., Columbus, O.
CRANE CO., Est. 1855, 10 N. Jefferson, Chicago, Ill.; New York, Phila., Pa.; Omaha, Neb.; Kansas City, Mo.; Los Angeles, Cal.;; St. Louis, Mo.· Sioux City, Ia.; San Francisco Cal.; Portland, Oreg.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Fee & Mason (The "Crescent"), 66 Beekman, N. Y.
Forest City Brass Works, Cleveland, O.
Glauber Brass Mfg. Co. (Magic), Cleveland, O.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa
Haydenville Co., Haydenville, Mass.
Hoffman-Billings Mfg. Co., Milwaukee, Wis.
Ideal Mfg. Co., Detroit, Mich.
Illinois Malleable Iron Co. ("A. B. C."), 30 W. Monroe, Chicago, Ill.
Judd & Leland Mfg. Co., Clifton Springs, N. Y.
McCambridge & Co., 527 Cherry, Philadelphia, Pa.
McNab & Harlin Mfg. Co., 56 John, N. Y.
McShane, Henry Mfg. Co., Baltimore, Md.
Mott, J. L. Iron Works, 88 Beekman, N. Y.
Mueller, H. Mfg. Co. (Ball Bearing), Decatur, Ill.
National Brass & Metal Co., Minneapolis, Minn.
Park & McKay Co., 55 Bagley, Detroit, Mich.
Peck Bros. & Co., New Haven, Conn.
Rundle-Spence Mfg Co.. Milwaukee. Wis.
Ryan, J. J. & Co., Milwaukee, Wis.
Ryan, J. J. & Co., 68 W. Monroe, Chicago, Ill.
Sherman, H. B. Mfg. Co., Battle Creek, Mich.
Springfield Brass Co., Springfield, Mass.
Standard Sanitary Mfg. Co., Arrott bldg, Pittsburg, Pa.
Stebbins, E. Mfg. Co., Springfield Mass.
Steel & Johnson Mfg. Co., Waterbury, Conn.
Street & Kent Mfg. Co., 45 Fulton, Chicago, Ill.
Taylor, Geo., 98 Cliff, N. Y.
Trenton Brass & Machine Co., Trenton, N. J.
Union Brass & Machine Co., Trenton, N. J.
Union Brass & Metal Mfg. Co., St. Paul, Minn.
Waterbury Mfg. Co., Waterbury, Conn.
Wolff, L. Mfg. Co., 117 W Lake, Chicago, Ill.
Wolverine Brass Works ("Never-Slip"), Grand Rapids, Mich.

Clamps (Beam)

Austin & Eddy, 117 Broad, Boston
Brown, A. & F. Co. (For Power), 26 Cortlandt, New York. Works, Elizabeth, N. J.
Cresson, Geo. V. Co. (For Power), Allegheny av W of 17th, Phila., Pa., & 141 Liberty, New York
Collins Mfg. Co., 125 Water, Pittsburg, Pa.
Dodge Mfg. Co. (For Power), Mishawaka, Ind., 45 Dey, New York, 168 S Clinton, Chicago, 137 Purchase, Boston, Mass., & 128 W 3d, Cincinnati, O.
Falls Rivet & Machine Co. (For Power), Cuyahoga Falls, O., & 206 Fulton, New York
Illinois Malleable Iron Co., 30 W Monroe, Chicago, Ill.
Jarecki Mfg. Co., Erie, Pa.
Penn Engineering Co., 312 Cherry, Phila., Pa.
Reed Mfg. Co. (The Clark), Erie, Pa.
SIMMONS, JNO. CO., 110 Centre, N. Y.
Walworth Mfg. Co., 132 Federal, Boston, Mass.

Clamps (Belt)

Akron Belting Co., Akron, O.
ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Billings & Spencer Co. (the Gardner & Miller), Hartford, Conn.
Boston Bolt Co., 284 Franklin, Boston
Crescent Mfg. Co., 28 Columbus, Cleveland, O.
Dodge Mfg. Co., Mishawaka, Ind.
Falls Rivet & Machine Co., Cuyahoga Falls, O., & 208 Fulton, New York
Hoggson & Pettis Mfg. Co., New Haven, Conn.
Vulcan Iron Works, Wilkesbarre, Pa.
Whitman & Barnes Mfg. Co., West Pullman, Chicago; Akron, O., & 111 Chambers, New York

Clamps (Boat)

TAYLOR, JAS. L. (Quick Adjusting, SelfLocking Steel Bar), 30 Lawrence, Newark, N. J. (See adv. below)

Clamps (Boilermakers')

Henderer's, A. L. Sons, Wilmington, Del.
Le Count, Wm. H. (Light & Heavy Steel), South Norwalk, Conn.
Niles-Bement-Pond Co.. 136 Liberty, New York
TAYLOR, JAS. L., 30 Lawrence, Newark, N. J. (See adv. below)
Wickes Bros, Saginaw, Mich.

Clamps (Bolt, Pearson King)

Pearson Jack Co., 64 Federal, Boston, Mass.

Clamps (Brake Beam)

Gould Coupler Co., 1 W 34th. N. Y.; Rookery bldg, Chicago; Commercial bldg, St. Louis, Mo. Works, Depew, N. Y.
Pearson Jack Co. ("Goodwin"), 64 Federal, Boston, Mass.

The Taylor Quick Adjusting Self-Locking Clamp

FOR GENERAL USE.

The most powerful and best steel bar clamps made for their weight. No notches to weaken the bars. Continuous use by concerns who need superior quality, have proven these clamps to withstand the most severe tests and have been given preference over all others. **Send for booklet and learn more about them.**

JAMES L. TAYLOR, - NEWARK, N. J.



GREAT TIME SAVERS.

Clamps (Bridge)

Le Count, Wm. G. (Steel), South Norwalk, Conn.
TAYLOR, JAS. L., 30 Lawrence, Newark, N. J. (See adv. preceding page)

Clamps (Cabinet Makers' and Carpenters')

Aldrich, Milton (Est. of), 587 Dutton, Lowell, Mass.
Batavia Clamp Co. (Steel Bar), Batavia, N. Y.
Cincinnati Tool Co., Norwood, Cincinnati, O.
Dann Bros. & Co., New Haven, Conn.
Dodge Mfg. Co., Mishawaka, Ind.
Grand Rapids Hand Screw Co. (also Carvers), Grand Rapids, Mich.
Holliday Mfg. & Engineering Co., 202 S Clinton, Chicago, Ill.
Josef, E. E. Mfg. Co. ("Buffalo" Universal Handy Bench Clamp), Buffalo, N. Y.
Mark Mfg. Co., Evanston, Ill., & Chicago, Ill.
Ohio Tool Co., Columbus, O.
Peck, Stow & Wilcox Co., Southington, Conn., & 27 Murray, New York
Sandusky Tool Co., Sandusky, O.
Stearns, E. C. & Co., Syracuse, N. Y.
Tatum, Sam'l C. Co., 414 W Water, Cinn., O.
TAYLOR, JAS. L. (Adjustable Self-Locking), 30 Lawrence, Newark, N. J. (See adv. preceding page)
Turner, Jno. T., Lowell, Mass.
Woodruff, W. W. & Sons Co., Mt. Carmel, Conn.
Wrightsville Hardware Co., Wrightsville, Pa.

Clamps (Door)

American Woodworking Machine Co., 136 Liberty, New York; 45 S Canal, Chicago, & Williamsport, Pa.
Fay, J. A. & Egan Co., cor. Front & John, Cincinnati, O.
Greenlee Bros. & Co., 225 W 12th, Chicago
Peck, Stow & Wilcox Co., Southington, Conn., & 27 Murray, New York
Smith, H. B. Machine Co., Smithville, N. J., & 121 Liberty, New York
Stearns, E. C. & Co., Syracuse, N. Y.
TAYLOR, JAS. L., 30 Lawrence, Newark, N. J. (See adv. preceding page)

Clamps (Electric)

Dicke Tool Co., Downers Grove, Ill.
Smith, Otis A. (For Wire, etc.), Rockfall, Conn.

Clamps (Fitters')

Le Count, Wm. G. (Steel), South Norwalk, Conn.
Miles-Bement-Pond Co., 136 Liberty, New York. Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
TAYLOR, JAS. L., 30 Lawrence, Newark, N. J. (See adv. preceding page)

Clamps (Flanging)

TAYLOR, JAS. L., 30 Lawrence, Newark, N. J. (See adv. preceding page)
Wickes Bros., Saginaw, Mich.

Clamps (Flask)

Brass Founders' Supply Co., Newark, N. J.
Milwaukee Foundry Supply Co. (adjustable), 258 Lake, Milwaukee, Wis.
Sandusky Tool Co. (Brass Moulders), Sandusky, O.
TAYLOR, JAS. L., 30 Lawrence, Newark, N. J. (See adv. preceding page)

Clamps (Flooring)

Buckeye Mfg. Co., Anderson, Ind.
Penn Hardware Co., Reading, Pa.

Clamps (Guy)

AMERICAN HOIST & DERRICK CO. ("Crosby"), St. Paul, Minn. Branch Offices: 60 S Canal, Chicago, Ill.; 39 Cortlandt, New York; Tremont bldg, Boston, Mass.; Hennen bldg, New Orleans, La., & Builders' Exchange, Baltimore, Md. (See adv. index, end of book)
American Iron & Steel Mfg. Co., Lebanon, Pa.
ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
CHICAGO TOOL & SUPPLY CO., 356 Dearborn, Chicago, Ill. (See adv. index, end of book)
Hammond Mfg. Co. ("Jupiter"), 28 Atlantic av, Boston, Mass.
Hubbard & Co. (Malleable & Wrought), Pittsburg, Pa.
Lanz, M. & Sons, 101 S 29th, Pittsburg, Pa.
Michigan Bolt & Nut Works (Patent Pressed Steel), Detroit, Mich.
Oliver Iron & Steel Co., Pittsburg, Pa.

Clamps (Hose)

Belknap Mfg. Co., Bridgeport, Conn.
Clancy, J. R. ("Redfield" Wrought Steel), 247 Salina, Syracuse, N. Y.
Emergency Clamp Co. ("Wilkins, Emergency"), Meadville, Pa.
Hunter Fan & Motor Co. (The Tuerk), Fulton, N. Y.
Kelly, John L. (Adjustable), Erie, Pa.
Schrader's, A. Son, 30 Rose, N. Y.
Sherman, H. B., Mfg. Co., Battle Creek, Mich.
Western Tool Co., Galesburg, Ill.
Whitman & Barnes Mfg. Co., West Pullman, Chicago; Akron, O.; & 111 Chambers, N. Y.
Wolverine Brass Works (Wrought Steel), Grand Rapids, Mich.

Clamps (Hydrant & Water Pipe)

CRANE CO. (Est. 1855), 10 N Jefferson, Chicago; New York, Philadelphia, St. Louis, Kansas City, Sioux City, Omaha, Los Angeles, San Francisco, Portland, Oro.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Western Tube Co., Kewanee, Ill. Sales offices, 204 Dearborn, Chicago, Ill.; 15 Park row, N. Y.; Security bldg, St. Louis, Mo.; Lumber Exchange, Minneapolis, Minn.; Mills bldg, San Francisco, Cal., & Tulane-Newcomb bldg, New Orleans, La.

Clamps (Insulated)

Bissel, F. & Co. (The Fletcher), Toledo, O.
Fletcher Mfg. Co., Dayton, O.

Clamps (Linemen's Splicing)

Cincinnati Tool Co., Norwood, Cincinnati, O.
Cronk & Carrier Mfg. Co., Elmira, N. Y.
Dicke Tool Co., Downers Grove, Ill.
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, N. Y. (See adv. index, end of book)
Klein, Mathias & Son, 87 W Van Buren, Chicago
Lowentraut, P. Mfg. Co., 36 Brenner, Newark, N. J.
McIntire, C. Co., Newark, N. J.
Ohio Brass Co., Mansfield, O.
Smith, Otis A., Rockfall, Conn.

Clamps (Machinists')

Armstrong Mfg. Co., Bridgeport, Conn.
Athol Machine Co. (Standard Steel), Athol, Mass.
Billings & Spencer Co. (Drop Forged), Hartford, Conn.
Chester Steel Castings Co., Chester, Pa., & 407 Sansom, Phila., Pa.
Cincinnati Tool Co., Norwood, Cincinnati, O.
Eberhard Mfg. Co., Cleveland, O.
Le Count, Wm. G. (Heavy), S Norwalk, Conn.
Mark Mfg. Co., Evanston, Ill., & Chicago, Ill.
Phoenix Hardware Co., Homer, N. Y.
Pratt & Letchworth Co., 189 Tonawanda, Buffalo, N. Y.
TAYLOR, JAS. L., 30 Lawrence, Newark, N. J. (See adv. preceding page)
Woodruff, W. W. & Sons Co., Mt. Carmel, Conn.

Clamps (Pipe)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Frick, Horace E. Co. ("Frick's" for Stopping Leaky Joints), 715 St. James, Phila., Pa.
Hall's, Samuel Sons (Hall's Elastic), 229 W 10th, New York
McCrea, Jas. & Co. ("Climax" Steam Leak Closing), 67 W. Wash'n, Chicago
Nusbaum, F. A. ("Perfection," Leak Closing), Dayton, O.
Parmelee Wrench Co., 1056 W Monroe, Chicago
Smith, W. Clifford ("Smith's," Leak Closing), 140 N 6th, Phila., Pa.
Western Railroad Equipment Co., Missouri Trust Building, St. Louis, Mo.
Western Tube Co., Kewanee, Ill. Sales offices, 204 Dearborn, Chicago, Ill.; 15 Park row, N. Y.; Security bldg, St. Louis, Mo.; Lumber Ex, Minneapolis, Minn.; Mills bldg, San Francisco, Cal., & Tulane-Newcomb bldg, New Orleans, La.

Clamps (Plow)

Michigan Bolt & Nut Works, Detroit, Mich.

Clamps (Pole)

American Bolt Co., Lowell, Mass.
American Iron & Steel Mfg. Co., Lebanon, Pa.
ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Hoopes & Townsend Co., 1330 Buttonwood, Phila., Pa.
Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Lanz, M. & Sons, 101 S 29th, Pittsburg, Pa.
Michigan Bolt & Nut Works, Detroit, Mich.
Oliver Iron & Steel Co., Pittsburg, Pa.

Clamps (Quilt Frame)

Penn Hardware Co., Reading, Pa.
Stover Mfg. Co., Freeport, Ill.

Clamps (Saw)

Atkins, E. C. & Co., Indianapolis, Ind.
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Crescent Machine Co., Leetonia, O.
Disston, Henry & Sons (Inc.), Phila., Pa.
Reading Hardware Co., Reading, Pa., New York, Phila. & Chicago
Stearns, E. C. & Co., Syracuse, N. Y.
TAYLOR, JAS. L. (& Jointer Combined), 30 Lawrence, Newark, N. J. (See adv. preceding page)
Tower & Lyon Co. ("Champion"), 95 Chambers, New York

Clamps (Saw Brazing)

Atkins, E. C. & Co., Indianapolis, Ind.
Atlantic Works (Inc.), 23d & Arch, Phila., Pa.
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Wickes Bros., Saginaw, Mich.

Clamps (Screw)

Cincinnati Tool Co., Norwood, Cincinnati, O.
Dayton Malleable Iron Co., Dayton, O.
Eberhard Mfg. Co., Cleveland, O.
Ferdinand, L. W. & Co., 152 Federal, Boston
Hammer & Co. (Malleable Iron), Branford, Conn.
Johnson, Israel H., Jr., & Co., 1424 Callowhill, Phila., Pa.
Le Count, Wm. G. (Vise), S Norwalk, Conn.
Pawtucket Mfg. Co. (Cast Steel), Pawtucket, R. I.

Phoenix Hardware Mfg. Co. (Also Adjustable Screw), Homer, N. Y.
Pratt& Letchworth Co., Buffalo, N. Y.
Stearns, E. C. & Co., Syracuse, N. Y.
Tatum, Sam'l C. Co., 414 W Water, Cincinnati, O.
TAYLOR, JAS. L. (Quick Adjusting, Self-Locking Steel Bar, etc.), 30 Lawrence, Newark, N. J. (See adv. preceding page)
Welch, T. F. & Co., 65 Sudbury, Boston
Wilcox, Crittenden & Co., Middletown, Conn.
Woodruff, Walter W. & Sons Co., Mt. Carmel, Conn.

Clamps (Splicing)

(See Clamps, Linemen's Splicing.)

Clamps (Steam Joint)

McCrea, Jas. & Co. ("Climax" Brass), 67 W Wash'n, Chicago, Ill.
Nusbaum, F. A. ("Perfection"), Dayton, O.
Roberts, Geo. I. & Bros. (Inc.), 473 4th av, N. Y.

Clamps (Steel)

Athol Machine Co., Athol, Mass.
Lanz, M. & Son, 101 S 29th, Pittsburg, Pa.
Lecount, Wm. G., S Norwalk, Conn.
Pawtucket Mfg. Co., Pawtucket, R. I.
Phoenix Hardware Mfg. Co., Homer, N. Y.
Starrett, L. S. Co. (Tool Makers, etc.), Athol, Mass.
TAYLOR, JAS. L., 30 Lawrence, Newark, N. J. (See adv. index, end of book)

Clamps (Steel Girder)

Wrigley, Thos. & Co., 300 Dearborn. Chicago

Clamps (Steel Pipe)

American Steel Foundries (For Cast Iron Pipe Makers), Main office, 74 B'way, New York; Fisher bldg, Chicago, Ill.; St. Louis, Mo., Frick bldg, Pittsburg. Pa.

Clamps (Veneering)

TAYLOR, JAS. L., 30 Lawrence, Newark, N. J. (See adv. index, end of book)

Clamps (Water Closet)

(See Clamps, Basin.)

Clamps (Water Pipe)

(See Clamps, Hydrant & Water Pipe.)

Clamps (Wire Rope)

AMERICAN HOIST & DERRICK CO. St. Paul, Minn. Branch Offices: 60 S Canal, Chicago; 39 Cortlandt, New York; Tremont bldg, Boston, Mass.; Hennen bldg, New Orleans, La.; Builders' Exchange, Baltimore, Md. (See adv. index, end of book)
BRODERICK & BASCOM ROPE CO., 80 N Main, St. Louis, Mo., & 33 South, New York. (See adv. indev, end of book)
Bronson-Walton Co. ("Bulldog") Collinwood. Cleveland. O.
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y., & 42 Dey, N. Y. (See adv. index, end of book)
HAZARD MFG. CO., Wilkesbarre, Pa.; 50 Dey, New York;Conestoga bldg, Pittsburg, Pa., & 71 W Adams, Chicago, Ill. (See adv. index, end of book)
Lanz, Matthew & Sons, 101 S 29th, Pittsburg, Pa.
LESCHEN, A. & SONS, ROPE CO., 920 N 1st, St. Louis, 137 E Lake, Chicago, Ill.; 163 Wash'n, N. Y., & 1717-23 Arapahoe, Denver, Col. (See adv. index, end of book)
Macomber-Whyte-Moon Co., 131 Worth, N. Y.
MACOMBER & WHYTE ROPE CO., 19 S Canal, Chicago, Ill., & 131 Worth, New York. (See adv. index, end of book)
Roebling's, Jno. A. Sons Co., Trenton, N. J.; 117 Liberty, N. Y.; 171 Lake, Chicago, & 25 Tremont, San Francisco
Seward & Co., Bloomington, Ind.
UNION ELEVATOR & MACHINE CO. (Also Manila Rope Clamps), 144 Ontario, Chicago, Ill. (See adv. index, end of page)
Wilcox, Crittenden & Co., Middletown, Conn.
WRIGHT WIRE CO. ("W. & C.," etc.), Worcester, Mass. (See adv. index, end of book)

Clasps (Pail)

Acme Flexible Clasp Co. ("Acme" Flexible pail & Crate), 17th & Clark, Chicago, Ill.
Cary Mfg. Co., 19 Roosevelt, N. Y.
Twisted Wire Box Strap Co. ("Mitchell's Peerless"), 451 Greenwich, New York

Classifiers (Hydraulic)

Power & Mining Machinery Co. (For Concentrating Mills), 52 William, New York. Works, Cudahy, Wis.

Claw Bars

(See Bars, Claw.)

Clay Crushers

(See Crushers, Clay.)

Clay Retorts.

(See Gas Retorts.)

Clay Miners and Shippers

MAURER, HENRY & SON (for All Purposes), 420 E 23d, N. Y.; Penna bldg, Phila., Pa. Works, Maurer, N. J. (See adv, inside Front Cover)
NATIONAL PYROGRANIT CO., 17 Battery pl, New York. Works, South River. N. J. (See adv. index, end of book)
Valentine, M. D. & Bro. Co. (Foundry, etc.), Woodbridge, N. J.

Clays, Minerals, Etc.

(See also Color Mfrs. & Importers.)

American Ochre Co. ("Ochre"), Cartersville, Ga.
Americus Chemical Co., 56 Wall, New York.
Atlas Co., Lincoln, N. J., & 82 Pearl, N. Y.
Berg Mining Co., 121 Front, New York.
Blue Ridge Ochre Co., Cartersville Ga.
Cherokee Ochre & Barytes Co., Cartersville, Ga.
Chrystal. Chas. B., 116 John, N. Y.
Davidson, Jas. H. 239 Front, N. Y.
Doggett, Stanley, 101 Beekman, New York
Earle, Ellis P., 29 Liberty, N. Y.
Federal Clay Mfg. Co., 170 B'way, N. Y.
Feuchtwanger, L. & Co., 191 Fulton, N. Y.
Francklyn & Ferguson (Barytes, Clays, etc.), Cotton Ex., N. Y.
Fuerst Bros. & Co., 2 Stone, N. Y.
Georgia Peruvian Ochre Co., Bethlehem, Pa., & Cartersville, Ga.
Great Eastern Clay Mfg. Co., 39 Cortlandt. New York.
Hammill & Gillespie (China, Potters, etc.), 240 Front. N. Y.
Massena Mineral Filler Co. (Agalite, Talc, Asbestos, Pulp, Paper & Paint Fillers), Massena. N. Y.
Mertztown Paint & Ochre Co. (Orche, Umbers, Siemas, Metallic, Brown, Mineral, Black. etc), 3d & Chestnut. Phila., Pa., & 105 Hudson, New York. Works, Mertztown, Pa.
Moore & Munger, 99 John, N. Y.
Mt Holley Brick & Clay Co. (Refiners of White Clay), Harrisburg, Pa.
National Gum & Mica Co., 502 W 45th, N. Y.
Nevins, Samuel Co., 109 S 2d, Phila., Pa.
N. Y. Silicate Co., 29 B'way, N. Y.
Osborn, Clarence J. (Broker), 65 Fulton, N. Y.
Pettit Chemical Co., 241 Front, N. Y.
Robbins, Alfred A., 180 South, N. Y.
Salomon, L. A. & Bro. (China Clay, Etc.), 216 Pearl, N. Y.
Silkman, Frank W., 231 Pearl, N. Y.
Thiele, E., 99 John, N. Y.
Uhlich, Paul & Co., 108 Fulton, N. Y.
Union Talc. Co. (Agalite), 149 B'way, N. Y. Works, Gouverneur, N. Y.
Wagener, John O. & Co. (Mineral Pulp), Easton, Pa.
Whittaker, W. H., 245 Front, N. Y.
WILBUR JOB CO. (American Ochres, Talckene, Black Filler & Red & Gray Slates). Office, Providence, R. I. Factory, Phila., Pa. (See adv. index, end of book)
Williams, C. K. & Co. (Mineral Pulp, Clays, Ochre, etc.), Easton, Pa.

Cleaners (Corn)

Nordyke & Marmon Co., Indianapolis, Ind.

Cleaners (Incandescent Lamp)

McCreary Electric Co., 136 Liberty, New York, N. Y.

Cleaners (Drain)

Iwan Bros. ("Iwan's Champion"), Streator, Ill.

Cleaners (Pavement)

(See also Scrapers.)

American Fork & Hoe Co. (Solid Shank), Main office, Cleveland, O.; Export office, 11 B'way, New York. Factories, Ashtabula, O.; Wallingford, Vt.; Binghamton, N. Y.; St. Johnsburg, Vt.; Girard, Pa.; Fkd. Phila., Pa.; Utica, N. Y.. & Willoughby, O.
Continental Tool Co., Frankfort, N. Y.

Cleaners (Track)

(See Scrapers or Cleaners, Track.)

Cleaners (Wall Paper)

Electric Cleanser Co., Canton, O.

Cleaners (Window)

Vogel, Wm. & Bros. ("Simplex" Galvanized Iron & Rubber), 37 S 9th, Brooklyn, N. Y.

Cleanouts

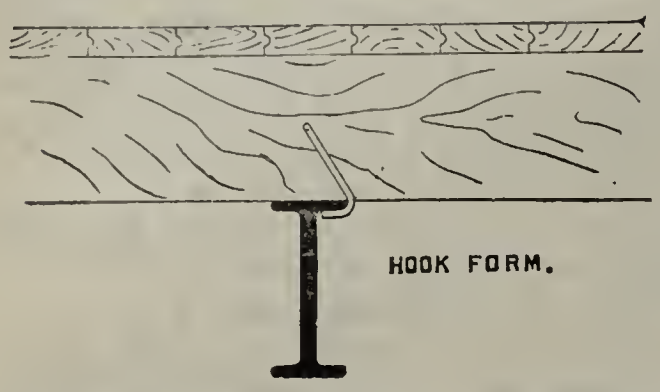
Aird, Platt Mfg. Co. ("Dandy"), Wateroliet, N. Y.
Estabrook's, R. Sons ("Boston," "Success"), 204 W 1st, S. B., Boston, Mass.
Modern Iron Works (For extra heavy pipe), Quincy, Ill.
Springfield Brass Co. (Brass), Springfield, Mass.

Cleats (Boat or Ship)

Laughlin, Thos. Co., Portland, Me.

Cleats (Car Wiring)

Bryant Electric Co., Bridgeport, Conn.
GENERAL ELECTRIC CO. (Brass, Wood, etc.), Schenectady, N. Y., & 44 Broad, N. Y. (See adv. index, end of book)



N. B. Some contractors to avoid possibility of unhooking, drive a nail back of clip. This however is unnecessary.

New York Sleeper Clips

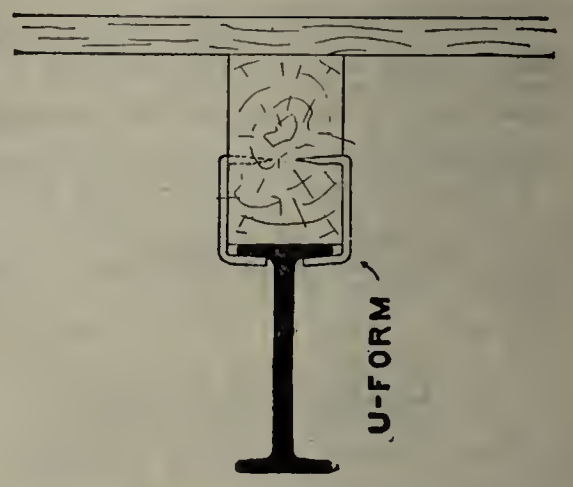
To Fasten Wooden Sleepers to I Beams.

WIRE METHOD Cheapest and Best. All one piece. Easiest to handle. Drives like a nail.

STANDARD SIZES, 2 in., 2¾ in.
Special Sizes to Order.
Send for Samples and Quotations.

HURD & CO., 304-322 Hudson Street, N. Y.

Manufacturers also of Sheet Metal Sleeper Clips, Wall Ties and Building Specialties.



Cleats (Clevise)

Dayton Malleable Iron Co., Dayton, O.

Cleats (Mooring)

Bethlehem Foundry & Machine Co., South Bethlehem, Pa.

Cleats (Porcelain or Clay)

Akron Insulator & Marble Co., Akron, O.
Akron Smoking Pipe Co., Mogadore, O., & Akron, O.
American Marble & Toy Mfg. Co., Akron, O.
Bowers Mfg. Co., Mogadore, O.
Brian Pottery Co. (Porcelain), Trenton, N. J.
Brunt, G. F. Porcelain Works (Porcelain), East Liverpool, O.
Bryant Electric Co. (Brass Wiring), Bridgeport, Conn.
Canton Insulator & Clay Co. (Clay & Porcelain), Canton, O.
Diamond Porcelain Co., Trenton, N. J.
Electric Porcelain Co. (Porcelain), East Liverpool, O.
Electric Porcelain & Mfg. Co. (Porcelain only), Trenton, N. J.
Empire China Works (Porcelain), 156 Greene, Brooklyn, N. Y.
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, New York. (See adv. index, end of book)
Greenwood Pottery Co. (Porcelain), Trenton, N. J.
Hartford Faience Co., Hartford, Conn.
Hudson Porcelain Co. (Porcelain), Trenton, N. J.
Imperial Porcelain Works (Porcelain), Trenton, N. J.
Mogadore Insulator Co., Akron, O.
New England Electric Mfg. Co., West Somerville, Mass.
Pass & Seymour (Porcelain), Solvay, Syracuse, N. Y.
Peru Electric Mfg. Co. (Porcelain only), Peru, Ind.
Standard China Works (Warren Kimble, propr., Porcelain), Trenton, N. J.
Star Porcelain Co., Trenton, N. J.
Thomas, R. & Sons Co. (Porcelain only), East Liverpool, O.
Trenton Porcelain Co., Trenton, N. J.
Union Electrical Porcelain Works, Trenton, N. J.
Union Porcelain Works, 300 Eckford, Brooklyn, N. Y.

Cleats (Rope)

UNION ELEVATOR & MACHINE CO., 144 Ontario, Chicago, Ill. (See adv. index, end of book)

Clevises (Plow, Etc.)

WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)

Cleavers (Butchers)

(See Machinery, Butchers' Machinery & Supplies)

Climbers (Linemen's)

Cincinnati Tool Co., Norwood, Cincinnati, O.
Cronk & Carrier Mfg. Co., Elmira, N. Y.
Dicke Tool Co., Downers Grove, Ill.
Donnelly, John, Branford, Conn.
Klein, Mathias & Son, 87 W Van Buren, Chicago, Ill.
Lowentraut, P. Mfg. Co., 26 Brenner, Newark, N. J.
Ohio Tool Co., Mansfield, O.
Oshkosh Logging Tool Co., Oshkosh, Wis.
Stephens, Wilmot, Binghamton, N. Y.
Union Drop Forge & Tool Co., Utica, N. Y.

Clippers (Bolt or Rivet)

Chain Belt Co. ("Levalley"), Milwaukee, Wis.
Chambers Bros. Co., 52d below Lancaster av, Phila., Pa.
Columbus Bolt Works, Columbus, O.
HELWIG MFG. CO. St. Paul, Minn. (See adv. index, end of book)
Peck, Stow & Wilcox Co., Southington, Conn., & 27 Murray, N. Y.

Clippers (Cattle Dehorning)

Pratt, Wm. E. Mfg. Co., 91 Lake, Chicago, Ill.

Clippers (Hair)

Brown & Sharpe Mfg. Co. (For Barbers), Providence, R. I.

Clippers (Horse)

Brown & Sharpe Mfg. Co. (Hand Clippers), Providence, R. I.

Clippers (Nail)

Cook, H. C. Co., Ansonia, Conn.

Clippers (Orange)

National Cutlery Co., 3d & Lehigh av, Phila., Pa.
Wiss, J., & Sons Co., Newark, N. J.

Clippers (Pneumatic Staybolt)

HELWIG MFG. CO. St. Paul, Minn. (See adv. index, end of book)
CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill., & 95 Liberty, N. Y. (See adv. index, end of book)

Clips (Axle)

Clapp, E. D. Mfg. Co., Auburn, N. Y.
Cowles, C. & Co., New Haven, Conn.
Moore, Franklin Co., Winsted, Conn.

Clips (Cable Hanging)

(See Hangers, Cable.)

Clips (Damper)

Brohard Co. (Malleable Iron), 1625 N 9th, Phila., Pa.

Clips (Floor)

VARIETY MFG. CO. (Steel), 77 W Lake, Chicago, Ill. (See adv. index, end of book)

Clips (Paper)

Clipper Mfg. Co. ("Clipper"), New York City
Consolidated Safety Pin Co. ("Eureka"), Bloomfield, N. J.

Clips (Sleeper)

HURD & CO., 304 Hudson, New York. (See adv. top of this page)
Mulvey, Chas. Mfg. Co. (Steel Floor), 18 S Jefferson, Chicago, Ill.

Clips (Structural Steel)

Streeter, H. A., Propr. Globe Iron Works, 35 to 41 Indiana, Chicago, Ill.

Clips (Trolley Wire)

Billings & Spencer Co., Hartford, Conn.

Clips (Wire Rope)

AMERICAN HOIST & DERRICK CO. St. Paul, Minn. Branch Offices: 60 S Canal, Chicago, Ill.; 39 Cortlandt, New York; Tremont bldg, Boston, Mass.; Hennen bldg, New Orleans, La., & Builders' Exchange, Baltimore, Md. (See adv. index, end of book)
BRODERICK & BASCOM ROPE CO., 809 N Main, St Louis, Mo., & 33 South, New York. (See adv. index, end of book)
BYERS, JOHN F., MACHINE CO., Ravenna, O. (See adv. index, end of book)
Cincinnati Railway Supply Co., 13 E. 2d, Cincinnati, O.
Contractors Plant Mfg. Co., 129 Erie, Buffalo, N. Y.
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y., & 42 Dey, N. Y. (See adv. index, end of book)
Durable Wire Rope Co., 28 Atlantic av, Boston, Mass.
HAZARD MFG. CO., Wilkesbarre, Pa.; 50 Dey, N. Y.; Conestoga bldg, Pittsburg, Pa.; 71 W Adams, Chicago, Ill. (See adv. index, end of book)
Lanz, Mathew & Sons, 101 S 29th, Pittsburg, Pa.
LESCHEN, A. & SONS, ROPE CO., 920 N 1st, St. Louis, Mo.; 163 Wash'n, New York; 137 E Lake, Chicago, Ill., & 1717-23 Arapahoe, Denver, Colo. (See adv. index, end of book)
Macomber-Whyte-Moon Co., 131 Worth, N. Y.
MACOMBER & WYTHE ROPE CO., 21 S Canal, Chicago, Ill., & 131 Worth, New York. (See adv. index, end of book)

Roebling's, Jno. A. Sons Co., Trenton, N. J.; 117 Liberty, N. Y.; 171 Lake, Chicago, Ill., & 25 Tremont, San Francisco, Cal.
Wilcox, Crittenden & Co., Middletown, Conn.
WRIGHT WIRE CO. ("Crosby"), Worcester, Mass. (See adv. index, end of book)

Clock Manufacturers

Ansonia Clock Co., 11 Cliff, N. Y. Works, Ansonia, Conn.
Bristol Brass & Clock Co., 48 W B'way, N. Y. Works, Bristol, Conn.
Chelsea Clock Co., 16 State, Boston, Mass.
Durfee, Walter H. & Co., Providence, R. I.
Gilbert, W. L. Clock Co. (and Regulators), 37 Maiden lane, N. Y. Works, Winsted, Conn.
HOWARD, E. CLOCK CO., 403 Wash'n, Boston, Mass., & 41 Maiden lane, N. Y.
Ingraham, E. Co., 45 Maiden lane, N. Y. Works, Bristol, Conn.
Ithaca Calendar Clock Co., Ithaca, N. Y.
Kroeber, E. Clock Co., 14 Maiden lane, N. Y.
Ladd, W. C., Bristol, Conn.
National Brass & Iron Works (Metal Mantel, etc.), Reading, Pa.
New Haven Clock Co., Chicago, Ill.; 46 Maiden lane, N. Y. Works, New Haven, Conn.
Old Colony Clock Co., Rutherford, N. J.
Parker Clock Co., 32 Warren, N. Y. Works, Meriden, Conn.
Phelps & Bartholomew Co., Ansonia, Conn.
PRENTISS CLOCK IMPROVEMENT CO., 49 Dey, N. Y. (See adv. index, end of book)
Sempire Clock Co. ("Electrometer," No Winding required), 7th & Hickory, St. Louis, Mo.
Sessions Clock Co. (Mantel, Hanging, Regulators, Etc.), 37 Maiden lane, N. Y.
Thomas, Seth Clock Co., 49 Maiden lane, N. Y. Works, Thomaston, Conn.
Waterbury Clock Co., 10 Cortlandt, N. Y. Works, Waterbury, Conn.
Western Clock Mfg. Co., La Salle, Ill., & Peru, Ill.

Clock Movements for Melters Gauges, Etc.

Fiego, Alex. J. R., Lynn, Mass.
Plumb, David S., 24 Boudinot, Newark, N. J.
Reeves Mfg. Co., New Haven, Conn.
Waterbury Clock Co., Waterbury, Conn.

Clocks (Electric)

American Clock Co., Wabash av & 20th, Chicago, Ill.
American Watchman's Time Detector Co., 45 Sheriff, Cleveland, O.
Blodgett Clock Co., 141 Franklin, Boston, Mass.
Bogart, A. L. Co., 123 Liberty, N. Y.
Eco Magneto Clock Co., 620 Atlantic av, Boston, Mass.
Edwards & Co., 144th & 4th av, New York
HERZOG TELESEME CO., 51 W 24th, N. Y. (See adv. below)

Herzog Teleseme Co.,
51 WEST 24th STREET,
MANUFACTURE EXCLUSIVELY
Electric Signaling Specialties

HOWARD, E. CLOCK CO., (Secondary), 403 Washington, Boston, Mass., & 41 Maiden lane, N. Y.
IMHAUSER, E. & CO. (Watchman's), 206 B'way, N. Y.
Pearce, Frederick, 18 Rose, N. Y.
PETTES & RANDALL CO., 150 Nassau, N. Y. (See adv. next page)
PRENTISS CLOCK IMPROVEMENT CO., 49 Dey, N. Y.(See adv. index, end of book)

Self-Winding Clock Co., 163 Grand av, Brooklyn, N. Y.
Reeves Mfg. Co., New Haven, Conn.
Thomas, Seth, Clock Co., 49 Maiden lane, N. Y. Works, Thomaston, Conn.
Turnquist, C. M., 442 W Van Buren, Chicago, Ill.
U. S. Electric Time Co., 14 Barclay, N. Y.

Clocks (Electric Alarm)

Edwards & Co., 407 E 144th, N. Y.
HERZOG TELESEME CO., 51 W 24th, New York. (See adv. on this page)
Jones, J. & Son, 62 Vesey, New York
Manhattan Electrical Supply Co., 32 Cortlandt, N. Y.
Ostrander, W. R. & Co., 22 Dey, N. Y.
Patrick, Carter & Wilkins, 1231 Callowhill, Phila., Pa.
Pearce Frederick, 18 Rose, N. Y.
Roche, Wm. ("Wide Awake"), 42 Park pl., New York
Stanley & Patterson (Inc.), (Diamond), 40 Cortlandt, New York
Star Electric Co., Binghamton, N. Y.
Turnquist, C. M., 442 W Van Buren, Chicago, Ill.
Ziegler Apparatus Co., 200 Summer, Boston, Mass.
Waggoner Watchman Clock Co., Grand Rapids, Mich.

Clocks (English Hall)

Grand Rapids Clock and Mantel Co. (also Clock Cases, Electric, Etc.), Grand Rapids, Mich.
National Self Winding Clock Co., Bristol, Conn.
Sempire Clock Co. ("Electrometer," No Winding Required), 7th c Hickory, St. Louis, Mo.

Clocks (Locomotive)

ASHCROFT MFG. CO., THE, 85, 87, 89 Liberty, New York, N. Y., & 22, 24, 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.
Belfield, H. & Co., 435 N Broad, Phila., Pa.
Crosby Steam Gauge & Valve Co., 95 Oliver, Boston, Mass.; 21 W Lake, Chicago, & 78 John, N. Y.
Marsh, Jas. P. & Co., 224 Washington, Chicago, Ill.
Schaffer & Budenberg, Main office & works, 10 Division, Brooklyn, N. Y.; 66 John, N. Y., & 15 W Lake, Chicago
Thomas, Seth, Clock Co., 49 Maiden lane, N. Y. Works, Thomaston, Conn.

Clocks (Marine)

Ashcroft Mfg. Co., 85 Liberty, N. Y.
Ansonia Clock Co., 11 Cliff, New York
ASHCROFT MFG. CO., THE, 85, 87, 89 Liberty, New York, N. Y., & 22, 24, 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn. (See adv. index. end of book)
Crosby Steam Gage & Valve Co., 97 Oliver, Boston, Mass.; 78 John, N. Y., & 21 W. Lake, Chicago, Ill.
Gilbert, W. L. Clock Co., Winsted, Conn.
HOWARD, E. CLOCK CO., 403 Wash'n, Boston, Mass., & 41 Maiden la., New York
Ingraham, E. Co., Bristol, Conn.
Marsh, Jas. P. & Co., 224 Wash'n, Chicago, Ill.
New Haven Clock Co., New Haven, Conn.
Phelps & Bartholomew Co., Ansonia, Conn.
Thomas, Seth, Clock Co., 49 Maiden la, N. Y. Works, Thomaston, Conn.
Waterbury Clock Co., Waterbury, Conn.
Wells & Coutan Co. (Ltd.), Poughkeepsie, N. Y.

Clocks (Pneumatic)

American Clock Co., Wabash av & 20th, Chicago
Johnson Service Co., Milwaukee, Wis., & 240 4th av, New York. (For Branch Offices see Valve Mfrs.)

Clocks (Program)

Blodgett Clock Co., 141 Franklin, Boston
Edwards & Co., 407 E 144th, New York
Frick, Fred Clock Co., Waynesboro, Pa.
HERZOG TELESEME CO., 51 W 24th, New York. (See adv. on this page)
HOWARD, E. CLOCK CO., 403 Wash'n, Boston, Mass., & 41 Maiden la, N. Y.
Johnson Service Co. ("Pneumatic"), Milwaukee, Wis. For branch offices, see Regulators (Heat).
PRENTISS CLOCK IMPROVEMENT CO., 49 Dey, N. Y. (See adv. next page)
Self-Winding Clock Co., 163 Grand av., Brooklyn, N. Y.
Standard Electric Time Co., Waterbury, Conn.

Clocks (Secondary Electric)

HOWARD, E. CLOCK CO., 403 Wash'n, Boston, Mass., & 41 Maiden la, N. Y.

Clocks (Self-Winding Electric)

American Watchman's Time Detector Co., 234 B'way, New York
American Watchman's Time Detector Co., 45 Sheriff, Cleveland, O.
Blodgett Clock Co., 141 Franklin, Boston
Edwards & Co., 144th & 4th av., N. Y.
Frick, Fred Clock Co., Waynesboro, Pa.
HERZOG TELESEME CO., 51 W 24th, New York. (See adv. on this page)
Illinois Clock Co., Bristol, Conn.
New York Standard Watch Co., 11 Maiden la, New York
Reeves Mfg. Co., New Haven, Conn.
Self-Winding Clock Co., 163 Grand av., Brooklyn, N. Y.
Sempire Clock Co., 7th & Hickory, St. Louis, Mo.
Standard Electric Time Co., Waterbury, Conn.

Clocks (Ship Bell Striking)

Chelsea Clock Co., 16 State, Boston, Mass.

Clocks (Synchronized Systems)

AMERICAN WATCHMAN'S TIME DEtector, 150 Nassau, N. Y. (See adv. next page.)
American Watchman's Time Detector Co., 45 Sheriff, Cleveland, O.
Bunnell Telegraphic & Electric Co., 110 Beekman, N. Y., & Milford, Conn.
Edwards & Co., 144th & 4th av., New York N. Y.
HERZOG TELESEME CO., 51 W 24th, N. Y. (See adv. below)

Herzog Teleseme Co.,
51 WEST 24th STREET.
"UP—DOWN," "MULTIPLE CALL,"
For ELEVATOR SIGNALING

HOWARD, E., CLOCK CO., 403 Wash'n, Boston, Mass., & 41 Maiden lane, N. Y.
National Self Winding Clock Co., Bristol, Conn.
PETTES & RANDALL CO., 150 Nassau, N. Y. (See adv. at clocks, Watchman's)

PRENTISS CLOCK IMPROVEMENT Co. (Synchronized System of Time Plants), 49 Dey, New York. (See adv. next column)
Self-Winding Clock Co., 163 Grand av, Brooklyn, N. Y.
Sempire Clock Co., 7th c Hickory, St. Louis, Mo.

Clocks (Time-Recording System)

American Watchman's Time Detector Co., 234 B'way, New York
Automatic Time Stamp Co., 160 Congress, Boston
Dey Time Register Co., 433 S West, Syracuse, N. Y.
Edwards & Co., 407 E 144th, New York.
HOWARD, E. CLOCK CO. (Angelus Strikes, Quarter Hour & Half Hour Strikers), 403 Wash'n, Boston, Mass. & 41 Maiden la, N. Y.
International Time Recorder Co., Binghamton, N. Y.
Johnson Service Co. (Pneumatic), Milwaukee, Wis. For branch offices, see Regulators Heat)
Johnson Service Co. ("Pneumatic"), Milwau- Milwaukee, Wis. (for branch offices, see "Regulators" (Heat).
Sanford, C. E., 64 Broad, New York
Simplex Time Recorder Co., Gardner, Mass., & Chicago, Ill.

Clocks (Tower)

HOWARD, E. CLOCK CO. (Electric), 403 Wash'n, Boston, Mass., & 41 Maiden la, New York
Johnson Service Co. (Pneumatic)., Milwaukee, Wis. (for branch offices, see Regulators (Heat)
PRENTISS CLOCK IMPROVEMENT Co., 49 Dey, N. Y. (See adv. next column)
Self-winding Clock Co., 163 Grand av., Brooklyn, New York
Standard Electric Time Co. (Electric), Waterbury, Conn.
Stevens, G. M., 15 Chardon, Boston
Thomas, Seth, Clock Co., 49 Maiden la, New York. Works, Thomaston, Conn.

Clocks (Warehouse)

ASHCROFT MFG. CO., THE, 85, 87, 89 Liberty, New York, N. Y., & 22, 24, 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.

Clocks (Watchman's)

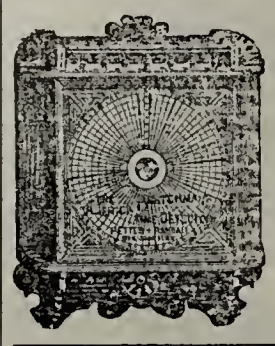
(See also Time Recorders.)

Altman & Co. ("The Colby"), 69 Dearborn, Chicago
American Watchman's Time Detector Co. ("The Original"), 45 Sheriff, Cleveland. O.
American Watchman's Time Detector Co., 234 B'way, New York
Bunnell, J. H. Co., 20 Park pl., N. Y.
Buerk, J. E., 230 Wash'n, Boston, Mass.
Eco Magnetic Clock Co., 620 Atlantic av., Boston, Mass.
Edwards & Co., 407 E 144th, New York
Hausburg, E. O., 45 Maiden lane, New York.
Hersey Mfg. Co., 314 W 2d, Boston, Mass.
HERZOG TELESEME CO., 51 W 24th, New York. (See adv. top of next column)
Holtzer-Cabot Electric Co., Brookline, Mass.
Hoppe, Paul F., 34 Church, New York
HOWARD, E. CLOCK CO. (Electric), Boston, Mass., & 41 Maiden lane, New York
Imhauser, E. & Co. (Portable & Electric), 206 B'way, N. Y.

When writing to firms whose names appear in this book please mention Hendricks' Directory.

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Nanz, G. & Co., 127 Duane, N. Y.
Newman Clock Co. (Stationary, Portable & Electric), Masonic Temple), Chicago, Ill.
PATTENGELL, C. E. SON & CO., 116 John, New York
PETTES & RANDALL CO., 150 Nas- sau, New York. (See adv. below)



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The Prentiss Clock Improvement Co.

Dept. 15, 49 Dey St., N. Y. City.

Riggs & Bro. (Electric & Portable), 310 Market, Phila., Pa.
Rousseau's Electrical Works, 329 4th av., New York
Sanford, Chas. E. (Night Watchman's Register). 64 Broad, New York
Self-Winding Clock Co., 163 Grand av, Brooklyn, N. Y.
Waggoner Watchman Clock Co., Grand Rapids. Mich.
Ziegler Apparatus Co., 200 Summer, Boston

Closets (Dry Earth)

Heap, William, Muskegon, Mich.

Closets (Park)

American Steel House Co., 796 11th av., N. Y.

Closets (Sanitary)

(See Water Closet Mfrs.; also Water Closet Trade Names.)

Cloth (Bolting)

(See also Wire Cloth.)

Buffalo Weaving Co. (Webs), Buffalo, N. Y.
Dufour & Co., 35 S. William, N. Y.
Latimer, R. L. & Co., 21 N. Front, Phila., Pa.
MICHIGAN WIRE CLOTH CO., Detroit, Mich. (See adv. index, end of book)
New York
Nordyke & Marmon Co. (Silk & Wire), 1101 W Morris, Indianapolis, Ind.
Richardson, F. C. (Acme Wire), 403 Hewes, Brooklyn, N. Y.
Sprout, Waldron & Co. (Silk & Wire), Muncy, Pa.

Cloth (Window Shade)

Minetto Shade Cloth Co., Minetto, N. Y.

Clothes Dryers (Steam, Hot Water, Hot Air or Gas)

Chicago Clothes Dryer Works, 346 Wabash av, Chicago, & 136-138 W 24th. New York
Mannen & Esterly, 811 St Clair, Cleveland, O.
Steel Roll Machine Co., 8 S Canal, Chicago, Ill.

Clothes Drying Frames

Chicago Clothes Dryer Works, 346 Wabash av, Chicago, & 136-138 W 24th, New York
Fleck, M., 442 Pleasant av., New York
Hill Dryer Co (Balcony), Worcester, Mass.
Palmer, C. F., 171 Blandine, Utica, N. Y.
Smith, G. W., 127 Manhattan, N. Y.
Weld, F. D., Somerville, Mass.

Clothes Horses

Cooper & McKee, 119 Lorimer, Brooklyn, N. Y.
Mace, L. H. & Co., 117 E. Houston, N. Y.
Nashua Novelty Works, Nashua, N. H.
Phillips, A. J. Co., Fenton, Mich.

Clothes Lines

(See Rope, Cotton, Etc.)

Clothes Reel Centers (Iron)

Adams Company, Dubuque, Ia.
Rumsey &Co. (Ltd.) (Cast Iron Revolving), Seneca Falls, N. Y.

Clothes & Flag Poles.

Stearns, A. T. Lumber Co., Neponset & 166 Devonshire, Boston, Mass.

Clusters (Fixture)

Benjamin Electric Mfg. Co. ("Wireless"), 141 S Clinton, Chicago, Ill.
Bryant Electric Co., Bridgeport, Conn.
Dale Co. ("Wecks"), 352 W 13th, New York
Dayton Mfg. Co., Dayton, O.
Faries Mfg. Co., Decatur, Ill.
FRINK, I. P., 551 Pearl, New York. (See adv. index, end of book)
Gleason, E. P. Mfg. Co., 181 Mercer, N. Y.
Holloway, Bentz & Co., 80 Cortlandt, New York
Hubbell, Harvey, Bridgeport, Conn.
Post-Glover Electric Co., 314 W 4th, Cincinnati, O.
Roberts, H. C. Electric Supply Co., 905 Arch, Philadelphia, Pa.
Walsh, Owen, 21 Roosevelt, New York
Wheeler Reflector Co., 156 Pearl, Boston, Mass.
White, J. H. Mfg. Co., 127 N. 10th, Brooklyn, N. Y.

Clusters (Porcelain)

Faries Mfg. Co., Decatur, Ill.

Clutches, Arc Lamp.

Paiste, H. T. Co., 3101 Ludlow, Phila., Pa.
Phila. Electrical & Mfg. Co,. 2011 Market, Phila., Pa.
Turner Brass Works, Franklin & Michigan, Chicago, Ill.

Clutches (Friction)

(See also Pulleys, Friction Clutch; also Machinery Power Transmitting.)
American Tool & Machine Co. ("Worrall," Improved), 109 Beach, Boston, Mass.
Allis-Chalmer's Co. Office, Home Ins. bldg., Chicago. Works: Chicago, Milwaukee, Wis.,
Brightman Machine Co., Cleveland, O.
Brown, A. & F. Co., 26 Cortlandt, N. Y. Works, Elizabeth, N. J.
Caldwell, H. W. & Son Co., 17th & Western av, Chicago, Ill.
Carruthers-Fithian Clutch Co., Grove City, Pa.
Coil Clutch Mfg. Co., 45 B'way, N. Y.
Cole Mfg. Co. (The Worrell), Lakeport, N. H.
Cresson, Geo. V. Co., Allegheny av W of 17th Phila., Pa., & 141 Liberty, N. Y.
Dodge Mfg. Co., Mishawaka, Ind.; 45 Dey, N. Y.; 163 S Clinton, Chicago; 137 Purchase, Boston, Mass., & 128 W 3d, Cinn., O.
Eastern Machinery Co., New Haven, Conn.
Emerson Mfg. Co., Lawrence, Mass.
Essmueller Mill Furnishing Co. ("Peerless"), St. Louis, Mo.
Fairmount Machine Co., Phila., Pa.
Falls Rivet & Machine Co., Cuyahoga Falls, O.; 54 Purchase, Boston, Mass., & 208 Fulton, New York
Faneuil Watch Tool Co. ("The Rivett"), 1 Brooks, Boston, Mass.
FILER & STOWELL CO., Becher & Ziemer, Milwaukee, Wiss. (See adv. index, end of book)
Fitchburg Steam Engine Co., Fitchburg, Mass.
Gifford Bros., Hudson, N. Y.
Hartford Machine Screw Co., Hartford, Conn.
Helix Gear Co. (The Johnson), Hartford, Conn.
Hill Clutch Co., ft Waverly av, Cleveland, O.
Hunter, Jas. Machine Co., North Adams, Mass.
Jacobson Machine Co., Warren, Pa.
Johnson, Carlyle Machine Co., Hartford, Conn.
Jones & Laughlins Steel Co., Pittsburg, Pa.
Klein, Chas. C. ("The Bull Dog"), 2850 N Marshall, Phila., Pa.
Link Belt Engineering Co., Nicetown, Phila.; Park bldg, Pittsburg, Pa., & 49 Dey, N. Y.
Link Belt Machinery Co. ("Ewart"), W 39th & Stewart av, Chicago, Ill.
McMahon & Co., Worcester, Mass.
Medart Patent Pulley Co., 3500 DeKalb, St. Louis, Mo.
MINNEAPOLIS STEEL & MACHIN- ery Co., Minneapolis, Minn. (See adv. index, end of book)
Moore & White Co., 15th & Lehigh av, Phila. Pa.
Nordberg Mfg. Co. (The Claussen), Milwaukee, Wis.
Oesterlein Machine Co., Elam & Garrard av, Cincinnati, O.
Platt Iron Works Co., Dayton, O., & 93 Liberty, New York
Poole, Robert, Son & Co., Baltimore, Md.
Pratt & Whitney Co., Hartford, Conn.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.
Skillin & Richards Mfg. Co. ("Muir" Steel Plate, etc.), 147 Fulton, Chicago
Smith, F. L. (Self-Oiling), Franklin Falls, N. H.
Smith, T. H. Cotton Mill (Phillips Automatic), Jamestown, N. Y.
Smith, Jas. Woolen Machinery Co. (Inc.), 421 Race, Phila.. Pa.
Strait, H. N. Mfg. Co., Kansas City, Mo.
Taper Sleeve Pulley Works, Erie, Pa.
Vulcan Iron Works, Wilkesbarre, Pittston & Tamaqua, Pa.
WEBSTER MFG. CO., 1075 W 15th, Chicago; 38 Dey, N. Y., & Equitable bldg, Denver, Colo. (See adv. index, end of book)
WELLER MFG. CO., 118 North av, Chicago, Ill. (See adv. index, end of book)
Whitman Mfg. Co., Garwood, N. J.
Williamsport Clutch & Pulley Co. ("Crowell"), Williamsport, Pa.

Clutches (Gas Engine)

Blakeslee Mfg. Co., Birmingham, Ala.
Carruthers-Fithian Clutch Co., Grove City, Pa.
Helix Gear Co. (The Johnson), Hartford, Conn.
Jacobson Machine Mfg. Co., Warren, Pa.
Johnson Carlyle Machine Co. (Friction), Hartford, Conn.
Smith, T. H. Cotton Mill ("Phillips"), Jamestown, N. Y.
Whitman Mfg. Co., Garwood, N. J.

Clutches (Magnetic)

Electric Controller & Supply Co., Central & Giddings, Cleveland, O.

Coal Buckets (Automatic Steam)

RAWSON & MORRISON MFG. CO. Cambridgeport, Mass., & 11 B'way, New York. (See adv. index, end of book)
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See ad. index, end of book)

Coal Chutes

Allis-Chalmers Co., N. Y. Life bldg, Chicago, & 71 B'way, New York. Works, Chicago, Milwaukee, Wis., & Scranton, Pa.
Borden & Selleck Co., 48 Lake, Chicago
Clarendon Boiler Works, Clarendon, Pa.
FAIRBANKS, MORSE & CO., Frank- lin & Monroe, Chicago, Ill. (See adv. index, end of book)
HOISTING & CONVEYING MACHIN- ery Co., 44 N Elizabeth, Chicago, Ill. (See adv. index, end of book)
Hunt, C. W. Co., 45 B'way, New York. Works, W New Brighton, S. I., N. Y.
Kenney & Co., Scottdale, Pa.
Lanz, M. & Sons (Steel), Pittsburg, Pa.
Lyon Metallic Mfg. Co., 18 S Ann, Chicago, Ill.
Monongahela Mfg. Co., Monongahela, Pa.
RIESECK, P., Allegheny av & Re- becca, Allegheny, Pa. (See adv. index, end of book)
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)
Union Iron Works, Hoboken, N. J.
Williams, White & Co. (Automatic), Moline, Ill.
WRIGHT WIRE CO., Worcester, Mass. (See adv. indcx, end of book)

Coal Chutes (Locomotive Loading)

FAIRBANKS, MORSE & CO., Frank- lin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 103 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av., St. Louis; 1217 Union av., Kansas City, Mo.; 234 E. 3rd, St. Paul; 220 Nicollet av., Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver! 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, England. (See adv. index, end of book)
Williams, White & Co., Moline, Ill.
Link Belt Engineering Co., Nicetown, Phila., Pa.; 47 Dey, New York; Park bldg, Pittsburg, Pa.

Coal Cutting Machines

(See Machines, Coal Cutting.)

Coal Dock Outfits

(See Conveyors, Coal; also Tubs, Hoisting; also Tubs, Self-Dumping; also Derricks; also Hoisting Engines; also Gas & Gasoline Engines.)

Coal Handling Plant Construction

(See Machinery, Coal & Ore Handling, also Conveyors, Coal & Ash Handling)

Coal Hole Covers

AMERICAN BRAKE SHOE & FOUN- dry Co., Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)
American Sidewalk Light Co., Fisher bldg, Chicago, Ill.
AMOS, CHARLES & CO., 94 W. Lar- ned, Detroit, Mich. (See adv. index, end of book)
Barber Mfg. Co. (with or without Glass), Ashtabula, O.
DAUCHY IRON WORKS, 84 Illinois, Chicago, Ill. (See adv. index, page end of book)
McLagon Foundry Co., New Haven, Conn.
Mesker, Geo. L. & Co., Evansville, Ind.
Palmer, C. F., Utica, N. Y.
Pixton & Vierling Iron Works, Omaha, Nebr.
Phoenix Steel Construction Co., Penn & 3d avs, Pittsburg, Pa.
Vierling, McDowell & Co., 23d & Stewart av, Chicago

Coal Mining Machinery

(See Machinery, Coal Mining.)

Coal Storage Plant Construction

Dodge Coal Storage Co. (Complete Plants), Nicetown, Phila., Pa.; 49 Dey, New York, & Park bldg, Pittsburg, Pa.
Macdonald Engineering Co., Monadnock bldg, Chicago

Coal Tar Products

Armitage Mfg. Co., 3200 Williamsburg av, Richmond, Va.
Baltimore Roofing & Cold Tar Co., 1211 Leadenhall, Baltimore, Md.
Barrett Mfg. Co., Land Title bldg, Phila., Pa.; Merchants Loan & Trust bldg, Chicago, Ill.; 17 Battery pl. New York; St. Louis, Mo.; Cleveland, O.; Cincinnati, O.; Pittsburg, Pa.; Minneapolis, Minn.; Kansas City, Mo., & New Orleans, La.
Bartholomew Roofing Co. (Dealers), 61 Jefferson, Memphis, Tenn.
CABOT, SAMUEL, 141 Milk, Boston, Mass., & 28 Dearborn av, Chicago. (See adv. index, end of book)
Elder, Lawrence V., 212 Tremont, Galveston, Tex.
Foy, Edw. L. & Co., 16 W. Camden, Baltimore, Md.
Garrett, C. S. & Co., 21 Decatur, Phila., Pa.
Huggins, Jas. & Son, Malden, Mass.
Lewis Roofing Co., Rock Island, Ill.
McClintock & Irvine Co., Pittsburg, Pa.
Milwaukee Gaslight Co., Milwaukee, Wis.
Nashville Chemical Co., 919 N Front, Nashville, Tenn.
National Coal Tar Co., 17 Battery pl, N. Y.
Noble, H. & Co., 18 S Gay, Baltimore, Md.
Rankin, Wm. H. Co., Elizabeth, N. J.
Schoellkopf, Hartford & Hanna Co., Buffalo, N. Y., & 100 William, N. Y.
Stelwagon Mfg. Co., 826 Schuylkill av, Phila., Pa.
Warren Bros. Co., 93 Federal, Boston, & 253 B'way, New York
Warren Chemical Co., 170 B'way, New York
WATSON, H. F., CO., Erie, Pa.; 12 S Clinton, Chicago, Ill., & 233 Congress, Boston, Mass. (See adv. indev, end of book)

Coal Tipplers & Trestles (Steel)

SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)

Coal Tubs (Self-Dumping)

(See Tubs, Self-Dumping.)

Coal Washing Machinery

(See Machinery, Coal Washing.)

Coal & Coke Crushing & Screening Plants.

Heyl & Patterson, 51 Water, Pittsburg, Pa.
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.

Coal & Ore Handling Machinery

(See Conveyors, Coal; also Machinery, Coal & Ore Handling.)

Coaling Pier Construction

SNARE & TRIEST CO., 39 Cortlandt, New York. (See adv. index, end of book)

Coaling Stations

(See Coal & Ore Handling Machinery, Also Conveyors of Various Kinds.)

Coating (Rope & Cable)

(See Wire Rope Coating & Lubricant.)

Coatings (Cast Iron Pipe)

Armitage Mfg. Co., Richmond, Va.

Cocks (Air)

CHICAGO TOOL & SUPPLY CO., 356 Dearborn, Chicago, Ill. (See adv. index, end of book)
LUNKENHEIMER CO., General Offices, Beekman & Waverly, Cincinnati, O.; 26 Courtlandt, New York, and 35 Great Dover, London, Eng. (See adv. index, end of book)
McRae & Roberts Co., Detroit, Mich.
Michigan Lubricator Co., Detroit, Mich.
Queen City Brass Works & Son, Cincinnati, O.

Cocks (Ale & Beer)

Asbell, S. J. Co., Paterson, N. J.
Bishop & Babcock Co., Cleveland, O.
Chambers & Ainslee, 2 Commerce, Newark, N. J.
Clark Novelty Co., Rochester, N. Y.
Cleveland Faucet Co., Cleveland, O.
Cleveland Brass Co., Cleveland, O.
Colonial Brass Co., Cleveland, O.
Gleason, E. P. Mfg. Co., 20 W Houston, N. Y.
Hamilton, Jno. (Beer or Bar), Bridgeport, Conn.
Haydenville Co., Haydenville, Mass. & 150 Nassau, N. Y.
Homer Brass Works (Inc.), 231 Race, Phila., Pa.
Lamp & Millers Mfg. Co., Milwaukee, Wis.
Landers, Frary & Clark, New Britain, Conn.
LUNKENHEIMER CO., General Offices, Beekman & Waverly, Cincinnati, O.; 26 Courtlandt, New York, and 35 Great Dover, London, Eng. (See adv. index, end of book)
McCambridge & Co., 537 Cherry, Phila, Pa.
McNab & Harlin Mfg. Co., 56 John, N. Y.
McShane, Henry Mfg Co., Baltimoree, Md.
Michigan Brass & Iron Works, Detroit, Mich.
Mullany's, Jas. Sons, 141 E 25th, N. Y.
Owen & Salter, 454 N 12th, Phila, Pa.
Peck Bros. & Co., New Haven, Conn.
Pioneer Brass Works, Indianapolis, Ind.
Pleuger & Henger Mfg. Co., St. Louis, Mo.
Powhatan Brass & Iron Works, Charlestown, W. Va.
Strater, Herman & Sons, Boston, Mass.
Varwig Mfg. Co., 715 W Court, Cincinnati, O.
Walker, Geo. H., Murdock blk, Cincinnati, O.
Wolff, L. Mfg. Co., 117 W Lake, Chicago, Ill.

Cocks (Ball)

Adee, Fred & Co., 44 Cliff, New York
Ahrens & Ott Mfg Co., Louisville, Ky.
Albany Brass & Iron Co., Albany, N. Y.
American Brass Works, 426 Plum, Cincinnati, O.
Badger Brass Mfg. Co., Kenosha, Wis.
Birkery, Cornelius J., Hartford, Conn.
Bailey-Farrell Mfg. Co., 619 Smithfield, Pittsburg, Pa.
Barrett, Jas. Mfg. Co., 48 Pearl, Boston, Mass.
Boston Brass Co. ("B. B." High Pressure), 36 Oliver, Boston, Mass.
Cahill-Swift Mfg. Co., 20 S 12th, St. Louis, Mo.
Champion-Farley Brass Co., Kansas City, Mo.
Cooper, W. S. Brass Works, 437 N 12th, Phila, Pa.
Columbus Brass Co., Columbus, O.
Cowmeadow, John Mfg. Co., Oswego, N. Y
Coyne & Delany, 303 Rodney, Brooklyn, N. Y.
CRANE CO., Est. 1855, 10 N. Jefferson, Chicago, Ill.; 490 Cherry, N. Y.; 220 S 5th, Phila, Pa.; Omaha, Neb.; Kansas City, Mo.; Los Angeles, Cal.; St. Louis, Mo.; Sioux City, Ia.; San Francisco, Cal.; Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Crescent Mfg. Co., Connellsville, Pa.
Dalton & Ingersoll Co., 175 High, Boston. Mass.
Dearborn Brass Co., Cedar Rapids, Ia.
D'Este, Julian & Co., 24 Canal, Boston, Mass.
Douglass, Jno. Co., 906 Poplar, Cincinnati, O.
Edwardsville Brass Co., Edwardsville, Ill.
Exeter Brass Works, Exeter, N. H.
Forest City Brass Works ("Cleveland"), Cleveland, O.
Foster, F. W. Mfg. Co., 6 Portland, Boston, Mass.
Globe Brass Works, Detroit, Mich.
Goelitz, H. G., Oak Park, Ill.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila, Pa.
Hamlin & Emery Brass Co., 26 Island, Boston, Mass.
Haydenville Co., Haydenville, Mass. & 150 Nassau, N. Y.
Heap, Wm., Muskegon, Mich.
Hoffman-Billings Mfg. Co., 96 2nd, Milwaukee, Wis.
Hoffman, B. Mfg. Co., 257 6th, Milwaukee, Wis.
Hoffman-Hinsdale Co., 242 Water, N. Y.
Homer Brass Works (Inc.), 231 Race, Phila, Pa.
Ideal Mfg. Co., Detroit, Mich.
Illinois Malleable Iron Co., 30 W Monroe, Chicago, Ill.
Jones, Owen H., Hartford, Conn.
Knott-Van Arnam Mfg. Co., Fort Wayne, Ind.
Libbey, Parker & Co., 143 Pearl, Boston Mass.
McCambridge & Co. (Ltd.), 527 Cherry, Phila, Pa.
McDonald, A. Y. & Morrison Mfg. Co., Dubuque, Ia.
McShane. Henry Mfg. Co., Baltimore, Md.
Mansfield Mfg. Co., 1st av, Pittsburg, Pa.
Meyer-Sniffen Co., 5 E 19th st, N. Y.
Milwaukee Brass Mfg. Co., Milwaukee, Wis.
Mott, J. L. Iron Works, 88 Beekman, N. Y.
Mowrey & Phillips, 107 North, Boston, Mass.
Mueller, H. Mfg. Co., Decatur, Ill.
National Brass & Metal Co., Minneapolis, Minn.
National Supply Co., Toledo, O.
Nelson, N. O. Mfg. Co., 8th & St. Charles, St. Louis, Mo.
Newell-Booth Co. (Ltd.), 445 N Broad, Phila., Pa.
Noppel Pump Co., Hartford, Conn.
Ohio Pump & Brass Co. ("Triumph"), Columbus, O.
Park & McKay Co., Detroit, Mich.
Peck Bros. & Co., New Haven, Conn.
Phoenix Brass Foundry Co., Hartford, Conn.
Plumbing & Steam Fitting Supply Co., Minneapolis, Minn.
Powell, Wm. Co., 2525 Spring Grove av, Cincinnati. O.
Powhatan Brass & Iron Works, Charlestown, W. Va.
Queen City Brass & Iron Works, Spring Grove & Garrard avs, Cincinnati, O.
Register's, J. Sons Co., Baltimore, Md.
Rumsey, L. N. Mfg. Co., St. Louis, Mo.
Ryan, J. J. & Co., 68 W Monroe, Chicago, Ill.
Savill, Thos., 11th & Wood, Phila., Pa.
Scully, W. J., Mfg. Co., Detroit, Mich.
Springfield Brass Co., Springfield, Mass.
Stebbins, E. Mfg. Co., Springfield, Mass.
Street & Kent Mfg. Co., 45 Fulton, Chicago, Ill.
Syracuse Faucet & Valve Co. (No Packing.) Syracuse, N. Y.
Thomas Brass & Iron Co., Waukegan, Ill.
Trenton Brass & Machine Co., Trenton, N. J.
Union Brass & Metal Mfg. Co., St. Paul, Minn.
Webb, F. W. Mfg. Co., 50 Elm, Boston, Mass.
Wilson, R. M. Mfg. Co., Rome, N. Y.
Wolff, L. Mfg. Co., 117 W. Lake, Chicago, Ill.
Wolverine Brass Works. ("Dale."), Grand Rapids, Mich.
Young, Jos. H., 80 High, Boston, Mass.
Zero Valve & Brass Mfg. Co., Buffalo, N. Y.

Cocks (Blow-Off)

CHICAGO PNEUMATIC TOOL CO., ("Little Giant" Pneumatic, for Locomotive Boilers.) Fisher bldg, Chicago, & 95 Liberty, New York. (See adv. index, end of book)
CHICAGO TOOL & SUPPLY CO., 356 Dearborn, Chicago, Ill. (See adv. index, end of book)
Eylon-Evans Mfg. Co., 1519 Clearfield, Phila, Pa., & 120 Liberty, N. Y.
Jerome & Elliott. ("McIntosh," Pneumatic.) 35 S Canal, Chicago
Standard Steam Specialty Co. (Utility), 542 W B'way

Cocks (Corporation)

Ahrens & Ott Mfg Co., Louisville, Ky.
American Brass Works, 426 Plum, Cincinnati, O.
Bailey-Farrel Mfg. Co., 619 Smithfield, Pittsburg, Pa.
Belfield, H. & Co., 435 N. Broad, Phila., Pa.
Benjamin, O. P. Mfg. Co., Indianapolis, Ind.
Buckeye Iron & Brass Works, Dayton, O.
Campbell, J. B. Brass Works, Erie, Pa.
Central Brass Works, 322 W Pearl, Cincinnati, O.
Chambers & Ainslee, 2 Commerce, Newark, N. J.
Clark Metallic Mfg. Co., Rochester, N. Y.
Cleveland Bronze & Brass Works, Cleveland, O.
Collins, F. F. Mfg. Co., San Antonio, Tex.
Columbus Brass Co., Columbus, O.
CRANE CO,. Est. 1855, 10 N. Jefferson, Chicago, Ill.; 490 Cherry, N. Y.; 220 S 5th, Phila., Pa.; Omaha, Neb.; Kansas City, Mo.; Los Angeles, Cal.; St. Louis, Mo.; Sioux City, Ia.; San Francisco, Cal.; Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Crescent Mfg. Co., Connellsville, Pa.
Creswell, Jos. Mfg. Co., Denver, Colo.
Dailey, J. A., Detroit, Mich.
Darling Pump & Mfg. Co., Williamsport, Pa.
Dart, E. M. Mfg. Co., Providence, R. I.
Detroit Brass Works, Detroit, Mich.
Eastwood Wire Mfg. Co., Belleville, N. J.
Eaton, Cole & Burnham Co., 253 Broadway, N. Y.
Edwardsville Brass Co., Edwardsville, Ill.
Everhart Brass Works, Scranton, Pa.
Farnan Brass Works, Cleveland, O.
Forest City Brass Works, Cleveland, O.
Gilmour, J. Morrison, 55 W 16th, N. Y.
Glauber Brass Mfg. Co., Cleveland, O.
Gleason, E. P. Mfg. Co., 20 W. Houston, N. Y.
Globe Brass Works, Detroit, Mich.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Haminlton, Jno., Bridgeport, Conn.
Hamlin & Emery Brass Co., 26 Island, Boston, Mass.
Hartman Co., 1231 N Front, Phila., Pa.
Haydenville Co., Haydenville, Mass. & 150 Nassau, N. Y.
Hays Mfg. Co., Erie, Pa.
Hoffman-Billings Mfg. Co., Milwaukee, Wis.
Homer Brass Works (Inc.), 231 Race, Phila., Pa.
Humphryes Mfg. Co., Mansfield, O.
Jarecki Mfg. Co., Erie, Pa.
Kelly & Jones Mfg. Co., 315 1st av, Pittsburg, Pa.
Kinsey & Mahler Co., Peoria, Ill.
Lamp & Miller Mfg. Co., Milwaukee, Wis.
Landers, Frary & Clark, New Britain, Conn.
LUNKENHEIMER CO., General Offices, Beekman & Waverly, Cincinnati, O.; 26 Courtlandt, New York, and 35 Great Dover, London, Eng. (See adv. index, end of book)
McCambridge & Co., 537 Cherry, Phila., Pa.
McDonald, A. Y. & Morrison Mfg. Co., Dubuque, Ia.
McKenney & Waterbury, Boston, Mass.
McNab & Harlin Mfg. Co., 56 John, N. Y.
McRae & Roberts Co., Detroit, Mich.

McShane, Henry Mfg Co., Baltimore, Md.
Mayor, Lane & Co., 128 White, N. Y.
Meyer-Sniffen Co., 5 E 19th, N. Y.
Michigan Brass & Iron Works, Detroit, Mich.
Mueller, H. Mfg. Co., Decatur, Ill.
Mullaney's Jas. Sons, 141 E 25th, N. Y.
National Brass & Metal Co., Minneapolis, Minn.
Nichol, Thos. J. & Co., Cincinnati, O.
Nolte Brass Co., Springfield, O.
Ohio Pump & Brass Co., Columbus, O.
Oil Well Supply Co., Pittsburg, Pa.
Peck Bros. & Co., New Haven, Conn.
Pioneer Brass Works, Indianapolis, Ind.
Pleuger & Henger Mfg. Co., St. Louis, Mo.
Powell, Wm. Co., 2531 Spring Grove av, Cincinnati, O.
Powhatan Brass & Iron Works, Charlestown, W. Va.
Queen City Brass & Iron Works, Spring Grove av & Girard, Cincinnati, O.
Register's, J. Sons Co., Baltimore, Md.
Rundle-Spence Mfg. Co., Milwaukee, Wis.
Schutte, L. & Co., 1251 N 12th st, Phila., Pa.
Smith, A. P. Mfg. Co. (Also Curb), Newark, N. J.
Spence Mfg. Co., S Milwaukee, Wis.
Standard Brass Works, Detroit, Mich.
Standard Sanitary Mfg. Co., Arrott bldg, Pittsburg, Pa.
Stebbins, E. Mfg. Co., Springfield, Mass.
Street & Kent Mfg. Co. ("S. & K.") , 45 Fulton, Chicago, Ill.
Thomas Brass & Iron Co., Waukegan, Ill.
United Brass Mfg. Co., Cleveland, O.
Victor Excelsior Brass Works, 128 White, New York
Victor Supply Co. ("Abbott"), Springfield, O
Vincent Valve Co., Sandusky, O.
Walterscheid Bros., Wichita, Kans.
Walworth Mfg. Co., 132 Federal, Boston
Weir & Craig Mfg. Co., 2423 Wallace, Chicago, Ill.
Western Tube Co. (Also Meter.) Kewanee Ill.
Wolff, L. Mfg. Co., 117 W Lake, Chicago, Ill.

Cocks (Gas Meter)

American Meter Co., 561 W 47th st, N. Y.; 22d & Arch, Phila., Pa., & 34 W Monroe, Chicago
Campbell, J. B. Brass Works, Erie, Pa.
Crescent Mfg. Co. (Service & Meter), Connellsville, Pa.
Forest City Brass Works, Cleveland, O.
Hamlin & Emery Brass Co., 26 Island, Boston, Mass.
Ohio Pump & Brass Co., 18th & Oak, Columbus, O.
McRae & Roberts Co., Detroit, Mich.
Pioneer Brass Works, Indianapolis, Ind.

Cocks (Gas Service)

Ahrens & Ott Mfg Co., Louisville, Ky.
American Meter Co., 561 W 47th, New York; 22d & Arch, Phila., Pa., & 99 S Jefferson, Chicago, Ill.
American Safety Lamp & Mine Supply Co., Scranton, Pa.
Bailey-Farrel Mfg. Co., 619 Smithfield, Pittsburg, Pa.
Belfield, H. & Co., 435 W Broad, Phila., Pa.
Boston Steam Specialty Co., 35 Hartford, Mass.
Buckley Iron & Brass Works, Dayton, O.
Campbell, J. B. Brass Works, Erie, Pa.
Chambers & Ainslee, 2 Commerce, Newark, N. J.
Clark, Robt., 93 Schermerhorn, Brooklyn, N. Y.
Columbus Brass Co. ("Acorn.") Columbus, O.
Connolly Specialty Works, 1071 Atlantic av, Brooklyn, N. Y.
Cox Brass Mfg. Co., Albany, N. Y.
CRANE CO., Est. 1855, 10 N. Jefferson, Chicago, Ill.; 490 Cherry, N. Y.; 220 S 5th, Phila., Pa.; Omaha, Neb.; Kansas City, Mo.; Los Angeles, Cal.; St. Louis, Mo.; Sioux City, Ia.: San Francisco, Cal.; Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Dart, E. M. Mfg. Co., Providence, R. I.
Eaton, Cole & Burnham Co., 253 Broadway, N. Y.
Edwardsville Brass Co., Edwardsville, Ill.
Everhart Brass Works, Scranton, Pa.
Exeter Brass Works, Exeter, N. H.
Farnan Brass Works, 25 Center, Cleveland, O.
Forest City Brass Works, Cleveland, O.
Gilmour, J. Morrison, 55 W 16th, N. Y.
Glauber Brass Mfg. Co., Cleveland, O.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Hamlin & Emary Brass Co., 26 Island, Boston, Mass.
Haydenville Co., Haydenville, Mass. & 150 Nassau, N. Y.
Hays Mfg. Co., Erie, Pa.
Healey, Peter, Evansville, Ind.
Hoffman-Billings Mfg. Co., Milwaukee, Wis.
Homer Brass Works (Inc.), 231 Race, Phila., Pa.
Jarecki Mfg. Co., Erie, Pa.
Kinsey & Mahler Co., Peoria, Ill.
LUNKENHEIMER CO., General Offices, Beekman & Waverly, Cincinnati, O.; 26 Courtlandt, New York, and 35 Great Dover, London, Eng. (See adv. index, end of book)
McCambridge & Co., 537 Cherry, Phila., Pa.
McDonald, A. Y. & Morrison Mfg. Co., Dubuque, Ia.
McNab & Harlin Mfg. Co., 36 John, N. Y.
McShane, Henry Mfg Co., Baltimore, Md.
Mansfield Mfg. Co., 57 1st av, Pittsburg, Pa.
Mayor, Lane & Co., 128 White, N. Y.
Meyer-Sniffen Co., 5 E 19th, N. Y.
Michigan Brass & Iron Co., Detroit, Mich.
Mueller, H. Mfg. Co., Decatur, Ill.
Mullaney's Jas. Sons, 141 E 25th, N. Y.
National Supply Co., Toledo, O.
Naugatuck Brass Co., Union City, Conn.
Nelson, N. O. Mfg. Co., 8th & St. Charles, St. Louis, Mo.
Nichol, Thos. J. & Co., Cincinnati, O.
Nolte Brass Co., Springfield, O.
Ohio Pump & Brass Co., Columbus, O.
Peck Bros. & Co., New Haven, Conn.
Perkes, Chas., 627 Arch, Phila., Pa.
Phoenix Brass Foundry Co., Hartford, Conn.
Pioneer Brass Works, Indianapolis, Ind.
Pleuger & Henger Mfg. Co., St. Louis, Mo.
Powhatan Brass & Iron Works, Charlestown, W. Va.
Powell, Wm. Co., 2525 Spring Grove av, Cincinnati, O.
Queen City Brass & Iron Works, Spring Grove & Garrard avs, Cincinnati, O.
Register's, J. Sons Co., Baltimore, Md.
Rundle-Spence Mfg. Co., Milwaukee, Wis.
Smith, A. P. Mfg. Co., Newark, N. J.
Spence Mfg. Co., S Milwaukee, Wis.
Standard Sanitary Mfg. Co., Arrott bldg, Pittsburg, Pa.
Stebbins, E. Mfg. Co., Springfield, Mass.
Street & Kent Mfg. Co., 45 Fulton, Chicago, Ill.
Sumner & Goodwin Co., 287 Congress, Boston,
Thomas Brass & Iron Co., Waukegan, Ill.
Union Brass & Metal Mfg. Co., St. Paul, Minn.
Victor Excelsior Brass Works. 42 Mott, N. Y.
Walworth Mfg. Co., 132 Federal, Boston, Mass.
Weir & Craig Mfg. Co., 2421 Wallace, Chicago, Ill.
Western Tube Co. (Also Meter), Kewanee, Ill.
Wolff, L. Mfg. Co., 117 W Lake, Chicago, Ill.

Cocks (Gauge)

American Steam Gauge & Valve Mfg. Co. 208 Camden, Boston, Mass.; 16 N Canal, Chicago, Ill., & 26 Cortlandt, N. Y.
ASHCROFT MFG. CO., THE, (Locomotive, etc.), 85, 87, 89 Liberty, New York, N. Y., & 22, 24, 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn. (See adv. index, end of book)
Ashton Valve Co., 271 Franklin, Boston, Mass.; 121 Liberty, N. Y., & 86 Lake, Chicago
Belfield, H. & Co., 435 Broad, Phila., Pa.
Belknap Mfg. Co., Bridgeport, Conn.
Bonar, Jas., & Co., Frick bludg, Pittsburg, Pa. burg, Pa.
Buckeye Iron & Brass Works, Dayton, O.
Cadman, A. W. Mfg. Co. (High Pressure, etc.), 2814 Smallman, Pittsburg, Pa.
Chaplin-Fulton Mfg. Co., 30 Penn av, Pittsburg, Pa.
CRANE CO,. Est. 1855, 10 N. Jefferson, Chicago, Ill.; 490 Cherry, N. Y.; 220 S 5th, Phila., Pa.; Omaha, Neb.; Kansas City, Mo.; Los Angeles, Cal.; St. Louis, Mo.; Sioux City, Ia.; San Francisco, Cal.; Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Crosby Steam Gage & Valve Co., 95 Oliver, Boston, Mass.; 21 W Lake, Chicago, Ill., & 78 John, N. Y.
Eastwood Wire Mfg. Co. (Iron Ball, etc.), Belleville, N. J.
Eaton, Cole & Burnham Co., 253 B'way, N. Y.
Erie Mfg. & Supply Co. ("The Cube.") Erie, Pa.
Farnam Brass Works, 25 Center, Cleveland, O.
Hills-McCanna Co. (High Pressure), 128 E Kinzie, Chicago
Huyette, Paul B. ("P. B. H." Quick Opening, Self-Closing Weighted), Betz bldg, Phila., Pa.
Jarecki Mfg. Co., Erie, Pa., & Pittsburg, Pa.
Jenkins Bros., 71 John, N. Y.; Boston, Mass.; Phila., Pa., & 31 N Canal, Chicago, Ill.
Kelly & Jones Co., 135 Water, Pittsburg, Pa.; 15 Park row, N. Y.; & 59 Clark, Chicago,
McNab & Harlin Mfg. Co., 56 John, N. Y. Ill. Works,, Greensburg, Pa.
McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
Libby Mfg. Co., 147 Varick, New York
Lonergan, J. E. & Co. (Locomotive, Compression, Weighted, etc.), 211 Race, Phila., Pa.
LUNKENHEIMER CO., General Offices, Beekman & Waverly, Cincinnati, O.; 26 Courtlandt, New York, and 35 Great Dover, London, Eng. (See adv. index, end of book)
Michigan Lubricator Co. ("Michigan" Compression Chain Lever, etc.), Detroit, Mich.
Ohio Brass Co., Mansfield, O.
Penberthy Injector Co., 346 Holden av, Detroit, Mich.
Pratt & Cady Co., Hartford, Conn.
Queen City Brass & Iron Works, Cincinnati, O.
Reliance Gauge Column Co. (Reliance, Lever Chain), 76 E Prospect, Cleveland, O.
Schaffer & Budenberg Mfg. Co. Main Office & Works, 10 Division, Brooklyn, N. Y.; 66 John, N. Y., & 22 W Lake, Chicago, Ill.
Scott Valve Co., 32 W Randolph, Chicago, Ill.
Sherwood Mfg. Co., 34 Wash'n. Buffalo, N. Y.
Springfield Brass Co., Springfield, O.
Swift Lubricator Co., Elmira, N. Y.
Thomas Brass & Iron Co., Waukegan, Ill.
Webb, Elisha & Son, 43 S Water, Phila., Pa.
Western Valve Co., 43 W Randolph, Chicago, Ill.
William Gauge Co., Pittsburg, Pa.

Cocks (Indicator)

American Lubricator Co. (Three-Way for Engine Cylinders), Detroit, Mich.
LUNKENHEIMER CO., General Offices. Beekman & Waverly, Cincinnati, O.; 26 Courtlandt, New York, and 35 Great Dover, London, Eng. (See adv. index, end of book)
Michigan Lubricator Co. ("Michigan" Three-Way), Detroit, Mich.
Queen City Brass & Iron Works, Cincinnati, O.
Lonergan, J. E. & Co. ("Three-Way"), 211 Race, Phila., Pa.
Star Brass Mfg. Co. (Three Way). 103 E Dedham, Boston, Mass.; 38 Courtlandt, N. Y. & Monadnock blk, Chicago, Ill.

Cocks (Plug)

Eastwood Wire Mfg. Co. (Bronze), Belleville, N. J.
Judson Governor Co. (Asbestos Packed, Iron, Brass or Aluminum), Rochester, N. Y.

Cocks (Ship)

Bishop, Wm. Sons, 205 South, New York.
Sands, Alfred B. & Son, 242 Water, N. Y.

Cocks (Steam)

Belknap Mfg. Co., Bridgeport, Conn.
Campbell, J. B. Brass Works, Erie, Pa.
Central Brass Works, 322 W Pearl, Cincinnati, O.
CRANE CO., Est. 1855, 10 N. Jefferson, Chicago, Ill.; 490 Cherry, N. Y.; 220 S. 5th, Phila., Pa.; Omaha, Neb.; Kansas City, Mo.; Los Angeles, Cal.; St. Louis, Mo.; Sioux City, Ia.; San Francisco, Cal.; Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Crosby Steam Gage & Valve Co., 95 Oliver, Boston, Mass

Eaton, Cole & Burnham Co., Bridgeport, Conn., and 253 B'way, N. Y.
FAIRBANKS CO., 186 Elm, N. Y.
Forest City Brass Works, Cleveland, O.
Hamlin & Emery Brass Co., 26 Island, Boston, Mass.
LUNKENHEIMER CO., General Offices, Beekman & Waverly, Cincinnati, O.; 26 Courtlandt, New York, and 35 Great Dover, London, Eng. (See adv. index, end of book)
McNab & Harlin Mfg. Co., 56 John, N. Y.
Peck Bros. & Co., New Haven, Conn.
Powell, Wm. Co., 2529 Spring Grove av, Cincinnati, O.
Western Tube Co., Kewanee, Ill. Sales Offices, 204 Dearborn, Chicago, Ill.; 15 Park Row, New York; Security bldg, St. Louis, Mo.; Lumber Ex., Minneapolis, Minn.; Mills bldg, San Francisco, Cal., & Tulane-Newcomb bldg, New Orleans, La.

Cocks (Stop & Waste)

Ahrens & Ott Mfg Co., Louisville, Ky.
American Brass Works, 426 Plum, Cincinnati, O.
Asbell, S. J. Co., Paterson, N. J.
Bailey-Farrel Mfg. Co., 619 Smithfield, Pittsburg, Pa.
Belfield, H. & Co., 435 N. Broad, Phila., Pa.
Belknap Mfg. Co., Bridgeport, Conn.
Benjamin, O. P. Mfg. Co., Indianapolis, Ind.
Boston Steam Specialty Co., 35 Hartford, Boston, Mass.
Buckeye Iron & Brass Works, Dayton, O.
CALDWELL W. E. CO., Louisville, Ky. (See adv. index, end of book)
Campbell, J. B. Brass Works (Compression), Erie, Pa.
Central Brass Mfg. Co., Cleveland, O.
Central Brass Works, 322 W Pearl, Cincinnati, O.
Chambers & Ainslee, 2 Commerce, Newark, N. J.
Cleveland Bronze & Brass Works ("Lyons" Anti Frezing), Cleveland, O.
Columbus Brass Co., Columbus, O.
Connolly Specialty Works, 1071 Atlantic av, Brooklyn, N. Y.
Cooper, Wm. S. Brass Works ("Clipper"), 437 N 12th, Phila., Pa.
Crampton-Farley Brass Co., Kansas City, Mo.
CRANE CO,. Est. 1855, 10 N. Jefferson, Chicago, Ill.; 490 Cherry, N. Y.; 220 S 5th, Phila., Pa.; Omaha, Neb.; Kansas City, Mo.; Los Angeles, Cal.; St. Louis, Mo.; Sioux City, Ia.; San Francisco, Cal.; Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Crescent Mfg. Co., Connellsville, Pa.
Dart, E. M. Mfg. Co., Providence, R. I.
D'Este, Julian Co., 24 Canal, Boston, Mass.
Detroit Brass Works, Detroit, Mich.
Eastwood Wire Mfg. Co., Belleville, N. J.
Eaton, Cole & Burnham Co., 253 Broadway, N. Y., & Bridgeport, Conn.
Edwardsville Brass Co., Edwardsville, Ill.
Exeter Brass Works, Exeter, N. H.
Farnan Brass Works, 25 Center, Cleveland, O.
Forest City Brass Works ("Kennedy")), Cleveland, O.
Glauber Brass Mfg. Co., Cleveland, O.
Globe Brass Works, Detroit, Mich.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Hamilton, Jno., Bridgeport, Conn.
Hamlin & Emery Brass Co. ("Newport" & "Fitchburg"), 26 Island, Boston Mass.
Haydenville Co., Haydenville, Mass. & 150 Nassau, N. Y.
Hays Mfg. Co., Erie, Pa., & Pittsburg, Pa.
Healey, Peter, Evansville, Ind.
Hercules Iron & Supply Co., Commercial & Hanover, Boston, Mass.
Hoffman-Billings Mfg. Co., Milwaukee, Wis.
Homer Brass Works (Inc.), 231 Race, Phila., Pa.
Humphryes Mfg. Co., Mansfield, O.
Jarecki Mfg. Co., Erie, Pa.
Jost's, Edmund Sons, 352 Plane, Newark, N. J.
Irwin & Mitchell, Phila., Pa.
Kelly, Thos. & Bros., 78 Jackson Boul., Chicago, Ill.
Kelly & Jones Co., 315 1st av, Pittsburg, Pa.
Kinsey & Mahler Co.. Peoria, Ill.
Kupferle, Jno. C., 2d & Mound, St. Louis, Mo.
Lamp & Miller Mfg. Co., Milwaukee, Wis.
Landers, Frary & Clark, "Simplex"). New Britain, Conn.
LUNKENHEIMER CO., General Office and Works, Beekman and Waverly, Cincinnati, O.; 26 Cortlandt, N. Y., and 35 Great Dover, London, S. E., England. (See adv. index, end of book)
McCambridge & Co., 537 Cherry, Phila., Pa.
McDonald, A. Y. & Morrison Mfg. Co., Dubuque, Ia.
McNab & Harlin Mfg. Co., 56 John, N. Y.
McRae & Roberts Co., Detroit, Mich.
McShane, Henry Mfg Co., Baltimore, Md.
Mayor, Lane & Co., 128 White, N. Y.
Meyer-Sniffen Co., 5 E 19th, N. Y.
Mott, J. L. Iron Works, 88 Beekman, N. Y.
Mowry & Phillips Co. ("Zane's"), 197 High, Boston, Mass.
Mueller, H. Mfg. Co., Decatur, Ill.
Mullaney's Jas. Sons, 141 E 25th, N. Y.
National Brass & Metal Co., Minneapolis, Minn.
NATIONAL SUPPLY CO., 7 W Lombard, Baltimore, Md. (See adv. index, end of book)
Naugatuck Brass Co., Union City, Conn.
Nichol, Thos. J. & Co., Pearl & Ludlow, Cincinnati, O.
Nunn Brass Works, Rochester, N. Y.
Ohio Brass & Iron Mfg. Co., Cleveland, O.
Ohio Pump & Brass Co., Columbus, O.
Park & McKay Co., Detroit, Mich.
Peck Bros. & Co., New Haven, Conn.
Perkes, Chas., 627 Arch, Phila., Pa.
Pioneer Brass Works, Indianapolis, Ind.
Pleuger & Henger Mfg. Co., 10th & Wright, St. Louis, Mo.
Powell, Wm. Co., 2531 Spring Grove av, Cincinnati, O
Powhatan Brass & Iron Works, Charlestown, W. Va.
Pratt & Cady Co., Hartford, Conn.
Queen City Brass & Iron Works, Spring Grove & Garrard avs, Cincinnati, O.
Register's, J. Sons Co., Baltimore, Md.
Richter & Co., 210 E 9th, Cincinnati, O.
Reynolds, M. Plumbers' Supply Co., 25 Centre, N. Y.
Rundle-Spence Mfg. Co., Milwaukee, Wis.
Ryan, J. J. & Co., 68 W Monroe, Chicago, Ill.
Sanitary Co., Cleveland, O.
Savill, Thos., 11th & Wood, Phila., Pa.
Scully, W. J., Mfg. Co., Detroit, Mich.
Sieben, Henry, 109 W. 8th. Kansas City, Mo.
Speakman Supply & Pipe Co., Wilmington, Del.
Spence Mfg. Co., S Milwaukee, Wis.
Standard Sanitary Mfg. Co., Arrott bldg, Pittsburg, Pa.
Stebbins, E. Mfg. Co., Springfield, Mass.
Street & Kent Mfg. Co., 45 Fulton, Chicago, Ill.
Syracuse Faucet & Valve Co. (No Packing.) Syracuse, N. Y.
Thomas Brass & Iron Co., Waukegan, Ill.
Trenton Brass & Machine Co., Trenton, N. J.
Union Brass & Metal Mfg. Co., St. Paul, Minn.
United Brass Mfg. Co., Cleveland, O.
Vincent Valve Co., Sandusky, O.
Walworth Mfg. Co., 132 Federal, Boston, Mass.
Webb, F. W. Mfg. Co., 50 Elm, Boston, Mass.
Weir & Craig Mfg. Co., 2421 Wallace, Chicago, Ill.
Western Tube Co., Kewanee, Ill.
Wolff, L. Mfg. Co., 117 W Lake, Chicago, Ill.
Wolverine Brass Works, Grand Rapids, Mich.
Zero Valve & Brass Mfg. Co., 296 Seneca, Buffalo, N. Y.

Cocks & Bibbs (Compression)

Ahrens & Ott Mfg Co., Louisville, Ky.
American Brass Works, 426 Plum, Cincinnati, O.
Bailey,Farrell Mfg. Co., 631 Smithfield, Pittsburg, Pa.
Barrett, Jas. Mfg. Co., 48 Pearl, Boston, Mass.
Belfield, H. & Co., 435 N Broad, Phila., Pa.
Benjamin, O. P. Mfg. Co., Indianapolis, Ind.
Brookside Brass Foundry & Mfg. Co., Cleveland, O.
Campbell, J. B. Brass Works, Erie. Pa.
Central Brass Works. 322 W. Pearl, Cincinnati, O.
Central Brass Mfg. Co., Cleveland, O.
Chambers & Ainslee, 2 Commerce, Newark, N. J.
Clark Metallic Mfg. Co.,Rochester, N. Y.
Cleveland Bronze & Brass Works, Cleveland, O.
Clow, Jos. B. & Sons, 344 Franklin, Chicago, Ill.
Columbus Brass Co., Columbus, O.
Connolly Specialty Works, 1071 Atlantic av, Brooklyn, N. Y.
Cooper, W. S. ("Clipper."), Brass Works, Phila., Pa.
Cox Brass Mfg. Co. (Ltd.), Albany, N. Y.
Crampton-Farley Brass Co., Kansas City, Mo.
CRANE CO,. Est. 1855, 10 N. Jefferson, Chicago, Ill.; 490 Cherry, N. Y.; 220 S 5th, Phila, Pa.; Omaha, Neb.; Kansas City, Mo.; Los Angeles, Cal.; St. Louis, Mo.; Sioux City, Ia.; San Francisco, Cal.; Portland, Ore.; Salt Lake City, Utah; Seattle, Wash.. & Spokane, Wash. (See adv. index, end of book)
Crescent Brass Mfg. Co., Connellsville, Pa.
Dalton-Ingersoll Co., Boston, Mass.
D'Este, Julian Co., 24 Canal, Boston, Mass.
Du Bois, Fred'k N. & Co., 247 9th av, N. Y.
Eaton, Cole & Burnham Co., 253 Broadway, N. Y.
Edwardsville Brass Co., Edwardsville, Ill.
Empire Brass Mfg. Co., Cleveland, O.
Exeter Brass Works, Exeter, N. H.
Farnan Brass Works, 25 Center, Cleveland, O.
Glauber Brass Mfg. Co., Cleveland, O.
Haines, Jones & Cadbury Co., 1137 Ridge av, Phila., Pa.
Hamilton, Jno., Bridgeport, Conn.
Hamlin & Emery Brass Co., Boston, Mass.
Haydenville Co., Haydenville, Mass. & 150 Nassau, N. Y.
Hays Mfg. Co., Erie, Pa.
Healey, Peter, Evansville, Ind.
Hoffman-Billings Mfg. Co., Milwaukee, Wis.
Homer Brass Works (Inc.), 231 Race, Phila., Pa.
Huber, Henry Co., 244 5th av, N. Y.
Irwin & Mitchell, Phila., Pa.
Kelly & Jones Co., 315 1st av, Pittsburg, Pa.
Lake Erie Specialty Mfg. Co., Geneva, O.
Lamp & Miller Mfg. Co., Milwaukee, Wis.
Landers, Frary & Clark, New Britain, Conn.
McCambridge & Co., 537 Cherry, Phila., Pa.
McDonald, A. Y. & Morrison Mfg. Co., Dubuque, Ia.
McNab & Harlin Mfg. Co., 56 John, N. Y.
McRae & Roberts Co., Detroit, Mich.
McShane, Henry Mfg Co., Baltimore, Md.
Mansfield Mfg. Co., 57 1st av, Pittsburg, Pa.
Mayor, Lane & Co., 128 White, N. Y.
Meyer-Sniffen Co., 5 E 19th, N. Y.
Miller Specialty Co. (With Removable Seats), N. Tonawanda, N. Y.
Miller Specialty Co., N Tonawanda, N. Y.
Milwaukee Brass Mfg. Co., Milwaukee, Wis.
Morrison, David Co., 55 W 16th, N. Y.
Mott, J. L. Iron Works, 88 Beekman, N. Y.
Mowry & Phillips ("Zanes"), 107 North, Boston, Mass.
Mueller, H. Mfg. Co., Decatur, Ill.
Mullaney's Jas. Sons, 141 E 25th, N. Y.
National Brass & Metal Co., Minneapolis, Minn.
National Supply Co., 7 W Lomabrd, Baltimore, Md.
National Supply Co., Toledo, O.
Naugatuck Brass Co., Union City, Conn.
Nelson, N. O. Mfg. Co., 8th & St. Charles, St. Louis, Mo.
Nichol, Thos. J. & Co., Pearl & Ludlow, Cincinnati, O.
Nolte Brass Co., Springfield, O.
Peck Bros. & Co., New Haven, Conn.
Perkes, Chas., 627 Arch, Phila., Pa.
Pleuger & Henger Mfg. Co., St. Louis, Mo.
Powhatan Brass & Iron Works, Charlestown, W. Va.
Queen City Brass & Iron Works, Spring Grove & Garrard avs, Cincinnati, O.
Register's, J. Sons Co., Baltimore, Md.
Rome Sanitary Works, Rome, N. Y.
Roylance Brass Mfg. Co., San Francisco, Cal.
Rundle-Spence Mfg. Co., Milwaukee, Wis.
Ryan, J. J. & Co., 68 W Monroe, Chicago, Ill.
Sanitary Co., 7 Water, Cleveland, O.
Savill, Thos., 11th & Wood, Phila, Pa.
Scully, W. J. Mfg. Co., Detroit. Mich.
Speakman Supply & Pipe Co., Wilmington, Del.
Spence Mfg. Co., S Milwaukee, Wis.
Stebbins, E. Mfg. Co., Springfield, Mass.
Street & Kent Mfg. Co., 45 Fulton, Chicago, Ill.
Thomas Brass & Iron Co., Waukegan, Ill.
Trenton Brass & Machine Co., Trenton, N. J.
Union Brass & Metal Mfg. Co., St. Paul, Minn.
United Brass Mfg. Co., Cleveland, O.
Van Meter, J. W. & Co., 1019 Spring Garden, Phila., Pa.
Walworth Mfg. Co., 132 Federal, Boston, Mass.
Weir & Craig Mfg. Co., 2421 Wallace, Chicago, Ill.
Weiskittle, A. & Son, Baltimore, Md.
Wolff, L. Mfg. Co., 117 W Lake, Chicago, Ill.
Woodworth-Evans Co., 112 Wood, Pittsburg, Pa.

Cocks & Bibbs (Fuller Work)

Ahrens & Ott Mfg. Co., Louisville, Ky.
American Brass Works, 426 Plum, Cincinnati, O.

Bailey-Farrell Mfg. Co., 619 Smithfield, Pittsburg, Pa.
Central Brass Mfg. Co., Cleveland, O.
Central Brass Works, 322 Pearl, Cincinnati, O.
Chambers & Ainslee, 2 Commerce, Newark, N. J.
Chicago Faucet Co., 224 Washington, Chicago, Ill.
Cleveland Bronze & Brass Works, Cleveland, O.
Clow, Jas. B. & Sons, 344 Franklin, Chicago, Ill.
Columbus Brass Co., Columbus, O.
Crampton-Farley Brass Co., Kansas City, Mo.
Crescent Mfg. Co., Connellsville, Pa.
Dalton-Ingersoll Co., Boston, Mass.
Dearbord Brass Co., Cedar Rapids, Ia.
Edwardsville Brass Co., Edwardsville, Ill.
Empire Brass Mfg. Co., Cleveland, O.
Exeter Brass Works, Exeter, N. H.
Forest City Brass Works, Cleveland, O.
Glauber Brass Mfg. Co., Cleveland, O.
Haines, Jones & Cadbury Co., 1137 Ridge av, Phila., Pa
Haydenville Co., Haydenville, Mass. & 15 Nassau, N. Y.
Hoffman-Billings Mfg. Co., Milwaukee, Wis.
Huber, Henry Co., 244 5th av, N. Y.
Humphryes Mfg. Co., Mansfield, O.
Illinois Malleable Iron Co., 30 W Monroe, Chicago, Ill
Lake Erie Specialty Mfg. Co., Geneva, O.
Lamp & Miller Mfg. Co., Milwaukee, Wis.
Landers, Frary & Clark, New Britain, Conn.
McDonald, A. Y. & Morrison Mfg. Co., Dubuque, Ind
McShane, Henry Mfg. Co., Baltimore, O.
Meyer-Sniffen Mfg. Co., 5 E 19th, N. Y.
Michigan Brass & Iron Works, Detroit, Mich.
Milwaukee Brass Mfg. Co., Milwaukee, Wis.
Milwaukee Valve Co., Milwaukee, Wis.
Mott, J. L. Iron Works, 88 Beekman, N. Y.
Mueller, H. Mfg. Co., Decatur, Ill.
National Brass & Metal Co., Minneapolis, Minn.
Naugatuck Brass Co., Union City, Conn.
Nelson, N. O. Mfg. Co., St. Louis, Mo.
Peck Bros. & Co., New Haven, Conn.
Powhatan Brass & Iron Works, Charlestown, W. Va.
Rome Sanitary Works, Rome, N. Y.
Roylance Brass Mfg. Co., San Francisco, Cal.
Rundle-Spence Mfg. Co., Milwaukee, Wis.
Ryan, J. J. & Co., Chicago, Ill.
Sanitary Co., 7 Water, Cleveland, O.
Scully, W. J. Mfg. Co., Detroit, Mich.
Standard Sanitary Mfg. Co., Arrott bldg, Pittsburg, Pa.
Stebbins, E. Mfg. Co., Springfield, Mass.
Street & Kent Mfg. Co., 45 Fulton, Chicago, Ill.
Syracuse Faucet & Valve Co., Syracuse, N. Y.
Thomas Brass & Iron Co., Waukegan, Ill.
Union Brass & Metal Mfg. Co., St. Paul, Minn
United Brass Mfg. Co., Cleveland, O.
Weir & Craig Mfg. Co., 2431 Wallace, Chicago, Ill.
Weiskittle, A. & Son, Baltimore, Md.
Wolff, L. Mfg. Co., 117 W Lake, Chicago, Ill.

Cocks & Bibbs (Ground Key)

American Brass Works, 426 Plum, Cincinnati, O.
Asbell, S. J. Co., Paterson, N. J.
Buckeye Iron & Brass Works, Dayton, O.
Campbell, J. B. Brass Works, Erie, Pa.
Central Brass Mfg. Co., 735 Cedar av, Columbus, O.
Central Brass Works, 322 W Pearl, Cincinnati, O.
Chambers & Ainslee, 2 Commerce, Newark, N. J.
Cleveland Bronze & Brass Works, 1138 Hamilton, Cleveland, O.
Columbus Brass Co., Columbus, O.
CRANE CO., Est. 1855, 10 N. Jefferson, Chicago, Ill.; 490 Cherry, N. Y.; 220 S. 5th, Phila., Pa.; Omaha, Neb.; Kansas City, Mo.; Los Angeles, Cal.; St. Louis, Mo.: Sioux City, Ia.; San Francisco, Cal.; Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Crescent Mfg Co., Connellsville, Pa.
Dailey, J. A., 40 Congress, Detroit, Mich.
Dalton-Ingersoll Co., 169 High, Boston, Mass
Dart, E. M. Mfg. Co., Providence, R. I.
Detroit Brass Works, 1304 Brooklyn av, Detroit, Mich
Eaton, Cole & Burnham Co., 253 Broadway, N. Y
Exeter Brass Works, Exeter, N. H.
Farnan Brass Works, 25 Center, Cleveland, O.
Federal Co., 231 Washington, Chicago, Ill.
Fisher, E. W. Co., 521 Superior, Cleveland, O.
Forest City Brass Works, 90 Merwin, Cleveland, O.
Globe Brass Co., 13 Macomb, Detroit, Mich.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Hamlin & Emery Brass Co., 26 Island, Boston, Mass.
Hart & Cooley Co., New Britain, Conn.
Haydenville Co., Haydenville, Mass., & 150 Nassau, N. Y.
Hays Mfg. Co., Erie, Pa.
Healey, P., Evansville, Ind.
Hermance Valve Co., 316 E Water, Syracuse, N. Y.
Hoffman-Billings Mfg. Co., Milwaukee, Wis.
Homer Brass Works (Inc.), 231 Race, Phila. Pa
Humpryes Mfg. Co., Mansfield, O.
Jost's, Edmund Sons, 352 Plane, Newark, N. J.
Kelly & Jones Co., 315 1st av, Pittsburg, Pa Works, Greensburg, Pa.
Keystone Brass Co., Erie, Pa.
Kinsey & Mahler Co., Peoria, Ill.
Lamp & Miller Mfg. Co., Milwaukee, Wis.
Landers, Frary & Clark, New Britain, Conn.
McCambridge & Co., 527 Cherry, Phila., Pa.
McDonald, A. Y. & Morrison Co., Dubuque, Ia.
McNab & Harlin Mfg. Co., 56 John, N. Y.
McShane, Henry Mfg. Co., 441 North, Baltimore, Md.
Meyer & Sniffen Co., 5 E 19th, N. Y.
Mott, J. L. Iron Works. 88 Beekman, N. Y.
Mueller, H. Mfg. Co., Decatur, Ill.
Mullaney's, Jas. Sons, 141 E 25th, New York
National Brass & Metal Co., 258 3d av, Minneapolis, Minn.
Naugatuck Brass Co., Union City, Conn.
New Britain Brass Co., New Britain, Conn.
Nichol, Thos. J. & Co., Pearl & Ludlow, Cincinnati, O.
Ohio Brass & Iron Mfg. Co., 1231 Franklin, Cleveland, O
Ohio Pump & Brass Works, Columbus, O.
Peck Bros. & Co., New Haven, Conn., and 1133 N. Y.
Pioneer Brass Works, Indianapolis, Ind.
Powell, Wm. Co., 2525 Spring Grove av, Cincinnati, O.
Powhatan Brass & Iron Works, Charlestown, W. Va.
Queen City Brass & Iron Works, Spring Grove & Garrard avs, Cincinnati, O.
Rundle, Spence Mfg. Co., Milwaukee, Wis.
Russ, A. E. Mfg. Co., 87 Wade Park av, Cleveland, O.
Sanitary Co., 7 Water, Cleveland, O.
Savill, Thos., 11th & Wood, Phila., Pa.
Scully, W. J. Mfg. Co., Detroit, Mich.
Speakman Supply & Pipe Co., Wilmington, Del.
Springfield Brass Co., Springfield, Mass.
Standard Sanitary Mfg. Co., Arrott bldg, Pittsburg, Pa
Stebbins, E. Mfg. Co., Springfield, Mass.
Street & Kent Mfg. Co., 45 Fulton, Chicago, Ill.
Thomas Brass & Iron Co., Waukegan, Ill.
Trenton Brass & Machine Co., Trenton, N. Y.
United Brass Mfg. Co., 958 Hamilton, Cleveland, O.
United Metal Mfg. Co., 525 Broome, N. Y.
Walworth Mfg. Co., 132 Federal, Boston, Mass.
Webb, F. W. Mfg. Co., 50 Elm, Boston, Mass.
Weir & Craig Mfg. Co., Wallace c Archer av, Chicago, Ill
Wolff, L. Mfg. Co., 117 W Lake, Chicago, Ill

Cocks & Bibbs (Self-Closing)

Ahrens & Ott Mfg. Co., Louisville, Ky.
American Brass Works, 426 Plum, Cincinnati, O.
American Safety Gas Machine Co., 97 Haverhill, Boston, Mass
Barclay, Peter & Co., Boston, Mass.
Brookside Brass Foundry & Mfg. Co., 21 Seltzer av, Cleveland, O
Chambers & Ainslee, 2 Commerce, Newark N. J.
Chicago Faucet Co., 224 Washington, Chicago, Ill
Clark Metallic Mfg. Co., Rochester, N. Y.
Clow, Jas. B. & Sons, 344 Franklin, Chicago, Ill.
Cooper, W. S. Brass Works, Philadelphia, Pa.
Crampton-Farley Brass Co. ("Farley"), Kansas City, Mo.
Dalton-Ingersoll Co., Boston, Mass.
Dayton Mfg. Co., Dayton, O.
Dearborn Brass Co., Cedar Rapids, Ia.
Du Bois, Fred'k N. & Co., 247 9th av, N. Y.
Empire Brass Mfg. Co., Cleveland, O.
Exeter Brass Works, Exeter, N. H.
Field Automatic Valve & Faucet Mfg. Co., Providence, R. I.
Garnett Valve Co., 175 Dearborn, Chicago, Ill.
Gilmour, J. Morrison, 55 W 16th, N. Y.
Glauber Brass Mfg. Co., 88 River, Cleveland, O.
Haines, Jones & Cadbury Co., 1137 Ridge av, Phila., Pa.
Haydenville Co., Haydenville, Mass., & 150 Nassau, N. Y.
Hoffman-Billings Mfg. Co., Milwaukee, Wis.
Huber, Henry Co., 244 5th av, N. Y.
Kelly, Thos. & Bros., 76 W Jackson boul, Chicago, Ill.
Lamp & Miller Mfg. Co., Milwaukee, Wis.
Loeffelholz & Co., Milwaukee, Wis.
McCambridge & Co., 5-3 Cherry, Phila., Pa.
McShane, Henry Mfg. Co., Baltimore, Md.
Merrie, Hugh, 226 9th, Cincinnati, O.
Meyer-Sniffen Co., 5 E 19th, N. Y.
Michigan Lubricator Co., Detroit, Mich.
Milwaukee Brass Mfg. Co. ("Engel," "Peerless," "Telegraph,)" Milwaukee, Wis.
Milwaukee Valve Co., Milwaukee, Wis.
Mott, J. L. Iron Works, 88 Beekman, N. Y.
Mowry & Phillips ("Zanes"), 197 High, Boston, Mass.
Mueller, H. Mfg. Co., Decatur, Ill.
Mullany's, Jas. Sons, 141 E 25th, N. Y.
Naugatuck Brass Co., Union City, Conn.
Peck Bros. & Co. ("Moore's," "Dougherty," "Boston"), New Haven, Conn.
Perkes, Chas., 627 Arch, Phila., Pa.
Powhatan Brass & Iron Works, Charlestown, W. Va.
Rundle-Spence Mfg. Co. ("Telegraph"), Milwaukee, Wis.
Ryan, Thos. W., Concord Jct., Mass.
Ryan, J. J. & Co., Chicago, Ill.
Sanitary Co. ("Doherty" Paragon), 7 Water, Cleveland, O.
Saville, Thos., 11th & Wood, Phila., Pa.
Scoville, E. W., Manlius, N. Y.
Smith & Anthony Co. ("McHugh," "Cornell"), 48 Union, Boston, Mass.
Standard Sanitary Mfg. Co., Arrott bldg. Pittsburg, Pa.
Stebbins, E. Mfg. Co. ("Broughton"). Springfield, Mass.
Street & Kent Mfg. Co., 45 Fulton. Chicago, Ill.
Superior Mfg. Co., Cleveland, O.
Syracuse Faucet & Valve Co. (No Packing), Syracuse, N. Y.
Thomas Brass & Iron Co., Waukegan, Ill.
United Metal Mfg. Co. 186 Wooster, New York
Walsh, Richard, Detroit, Mich.
Wolff, L. Mfg. Co., W Lake, Chicago, Ill.
Young, E. R. & Sons, Titusville, Pa.

Coffee Roasters (Gas)

Milwaukee Gas Stove Co. ("Perfection"), Milwaukee, Wis.

Coffee Urns

(See Cooking Apparatus.)

Cofferdams (Steel)

WITTEKIND, H., INTERLOCKING SHEET PILING CO. (Single Line, Interlocking Wood), 28 E Jackson boul, Chicago, Ill. (See adv. index, end of book)

Cofferdams (Water Tight)

WITTEKIND, H., INTERLOCKING Sheet Piling Co., 28 E Jackson boul, Chicago, Ill. (See adv. index, end of book)

Cogs (Wood)

Nordyke & Marmon Co., Indianapolis, Ind.

Coils (Armature)

Cameron, H. P. Elec. Mfg. Co., Ansonia, Conn.
Hose, Chas. S. Elec. Co., 480 Pearl, N. Y.

Mechanical Appliance Co., Milwaukee, Wis.
Miller-Knoblock Electric Mfg. Co., South Bend, Ind.
Van Dorn-Elliott Electric Co. (Also Field), Cleveland, O.

Coils (Electric Heat)

American Electric Fuse Co., 50 Jackson boul, Chicago, Ill.

Coils (Induction)

American Electric Telephone Co., Canal & Jackson boul, Chicago
Ansonia Electrical Co., Ansonia, Conn.
Biddle, James G., Stephen Girard bldg, Phila., Pa.
Bogart, A. L. Co., 123 Liberty, N. Y.
Bunnell, J. H. & Co., 20 Park pl, New York
Carstarphen Elec. Co., Denver, Col.
Edwards & Co., 144th & 4th av, N. Y.
Electric Gas Lighting Co., 115 Purchase, Boston, Mass.
Harvard Electric Co., 224 S Clinton, Chicago
International Telephone Mfg. Co., Clinton & Harrison, Chicago, Ill
International Brass & Electric Co. ("Ruhm Korff"), 76 Beekman, N. Y.
McDermid Mfg. Co., 118 W Jackson boul, Chicago
McIntosh Battery & Optical Co., 39 W Randolph, Chicago
Manhattan Electrical Supply Co., 32 Cortlandt, N. Y.
Menominee Electric Mfg. Co., Menominee, Mich.
Miller-Knoblock Electric Mfg. Co., South Bend, Ind.
Partrick, Carter & Wilkins, 1231 Callowhill, Phila., Pa.
QUEEN & CO. (Inc.), 1010 Chestnut, Phila., Pa., & 59 5th av, New York. (See adv. index, end of book)
Ritchie, E. S. & Sons, opp Brookline Hill Station, Boston, Mass.
Splitdorf, C. F., 17 Vandewater, N. Y.
Swett & Lewis Co. ("Kinraida"), 18 Boylston, Boston
Varley Duplex Magnet Co., Phillipsdale, R. I., & Jersey City, N. J.
Vought-Berger Co., La Crosse, Wis.
Wilhelm Telephone Mfg. Co., 45 N Division, Buffalo, N. Y.
Williams, E. Q., Syracuse, N. Y.

Coils (Pipe)

(See Pipe Bends & Coils.)

Coils (Resistance)

Ansonia Electrical Co., Ansonia, Conn.
Biddle, Jas. G., 1114 Chestnut, Phila., Pa.
Bunnell, J. H. & Co., 20 Park pl, New York
Edwards & Co., 144th & 4th av, N. Y.
International Brass & Electric Co., 76 Beekman, N. Y.
International Telephone Mfg. Co., Clinton & Harrison, Chicago, Ill.
Miller-Knobloek Electric Mfg. Co., South Bend, Ind.
Partriek, Carter & Wilkins, 1231 Callowhill, Phila., Pa.
Phila. Eleetric Construction Co., 1109 Arch, Phila., Pa.
QUEEN & CO. (Inc.), 1010 Chestnut, Phila., Pa., & 59 5th av, New York. (See adv. index, end of book)
Ritchie, E. S. & Sons, opp Brookline Hill Station, Boston, Mass.
Varley Duplex Magnet Co., Phillipsdale, R. I., & Jersey City, N. J.
Wagner, R. V. & Co., 308 Dearborn, Chicago
Western Electric Co., 259 S Clinton, Chicago, & 57 Bethune, N. Y.
Whitney Electrical Inst. Co., Penacook, N. H.

Coils (Spark)

American Coil Co. (Jump), West Somerville, Mass.
Ansonia Electrical Co., Ansonia, Conn.
Apfel-Murdoeh Co., 82 Lake, Chicago
Boston Electric Co., 29 Harrison, Boston
Bunnell, J. H. & Co., 20 Park pl, N. Y.
Capitol Electric Engineering Co. (Gas Engine Igniting), Lansing, Mich.
Crest Mfg. Co., Cambridge, Mass.
Dow Portable Eleetrie Co., Braintree, Mass.
Edwards & Co., 407 E 144th, New York
Eleetric Gas Lighting Co., 115 Purehase, Boston, Mass.
Electrical Appliance Mfg. Co., Waterbury, Conn.
Electrieal Applianee Co., 136 Longworth, Cincinnati, O.
Engeln, Henry P. & Co., 224 Woolsey, Cleveland, O.
Fischer Speeial Mfg. Co., Cincinnati, O.
Foote, Pierson & Co., 82 Fulton, N. Y.
Holtzer-Cabot Electrie Co., Brookline, Mass.
International Brass & Electric Co. (for X-Ray, Wireless Telegraphy, etc.), 76 Beekman, N.Y.
International Telephone Mfg. Co., Clinton & Harrison, Chicago, Ill
McDermid Mfg. Co., 118 W Jaekson boul, Chieago, Ill.
Miller-Knoblock Electric Mfg. Co., South Bend. Ind.
Morris Electrie Co., Wilmington, Del.
Nungesser Electric Battery Co., 29 King, Cleveland, O.
Partrick, Carter & Wilkins, 1231 Callowhill, Phila., Pa.
Proetor-Raymond Mfg. Co., Detroit, Mieh.
Remy Electric Co., Anderson, Ind.
Roche, Wm. ("New Standard"), 42 Park pl, N. Y.
Splitdorf, C. F., 17 Vandewater, N. Y.
Varley Duplex Magnet Co., Phillipsdale, R. I., & Jersey City, N. J.
Wotten Electrie & Mfg. Co. (Gas Engine & Gas Lighting), Atlanta, Ga.
Western Electric Co., 259 S Clinton, Chicago, & 57 Bethune, N. Y.

Coils (Stoneware)

Graham, Chas., 9886 Met. av, B'lyn, N. Y.

Coke Mfrs.

Acme Coke Co., Uniontown, Pa.
Ada Coal & Coke Co., Uniontown, Pa.
Alabama Consolidated Coal & Iron Co., Birmingham, Ala.
Algoma Coal & Coke Co., Algoma, W. Va.
Altoona Coal & Coke Co., Altoona, Pa., Glenwhite, Pa.
Arlington Coal & Coke Co., Lynchburg, Va.
Beaver Coal & Coke Co., Wampun, Pa.
Bessemer Coke Co., Lewis blk, Pittsburg, Pa.
Beury Coal & Coke Co., Stoneeliff, W. Va.
Blair, Reed F. & Co. (Dealers), Frick bldg, Pittsburg, Pa.
Blairsville Coke Co., Blairsville, Pa.
Booth-Bowen Coal & Coke Co., Bramwell, W.Va.
Bottom Creek Coal & Coke Co., Vivian, W. Va.
Brown & Cochran, Conestoga bldg, Pittsburg, Pa.
Bryson Fort Coal & Coke Co., Middlesboro, Ky.
Buckeye Coal & Coke Co., Bramwell, W. Va.
Campbell Coal & Coke Co., Atlanta, Ga.
Carnegie Steel Co., Carnegie bldg, Pittsburg, Pa.; 1502 Market, Phila., Pa.; 71 B'way N. Y., & The Rookery, Chicago, Ill
Caswell Creek Coal & Coke Co., Bramwell, W. Va.
Central Coal & Coke Co., 19 William, New York
Chapman Coal & Coke Co., 80 B'way, N. Y., & Caperton, W. Va.
Cherry Valley Iron Co., 307 4th av, Pittsburg, Pa.
Colonial Coal & Coke Co., Connellsville, Pa.
Colerado Fuel & Iron Co., Denver, Col., & 71 Broadway, N. Y.
Cox, Justus, Jr. & Co. (Dealers in Furnaee & Foundry), Land Title bldg, Phila., Pa.
Crab Orehard Coal & Coke Co., Crab Orchard, Tenn
Crown Cork & Steel Co., 1511 Guilford av, Baltimore, Md
Crozer Coal & Coke Co., Upland, Pa., & Elkhorn, W. Va.
Crystal Coal & Coke Co., Godfrey, W. Va.
Cullingworth, W. H. & Co. (Dealers), Richmond, Va
Cumberland Coal & Coke Co., Crab Orchard, Tenn.
Cumberland Valley Coal & Coke Co., Cincinnati, O., & Middlesboro, Ky
Davis Coal & Coke Co. (Foundry, Furnace & Crushed), Elkins, W. Va.; 1 B'way, N. Y., & Land Title bldg, Phila., Pa.
Donohue Coke Co., Greensburg, Pa.
Douglas Coal & Coke Co., Dunlap, Tenn., & Wilmington, Del
Drake Coal Co., Cleveland, O.
Durham Coal & Coke Co., Chattanooga, Tenn. & Pittsburg, Pa
Fairmont Coal Co. (Foundry, Furnace & Crushed), Fairmont, W. Va., & 1 B'way, New York
Fayette Coke Co., Uniontown, Pa.
Field-Evans Iron Co. (Dealers), Monadnock blk Chicago, Ill
Fire Creek Coal & Coke Co., Fire Creek, W. Va.
Flemington Coal & Coke Co., 15 Broad, N. Y.
Fort Ridge Coal & Coke Co., Middlesboro, Ky.
Frick, H. C. Coke Co., Carnegie bldg, Pittsburg, Pa.
Gillam Coal & Coke Co., Lynchburg, Va. & Gillam, W. Va.
Goodwill Coal & Coke Co., Goodwill, W. Va.
Goff, Horner & Co. (Ltd.) (Wholesale), Frick bldg, Pittsburg, Pa.
Graham Coal & Coke Co. (Ltd.), (Wholesal Coal & Coke), Cham. of Com, bldg., Detroit Mich
Hecla Coke Co. (Connellsville), Arrott bldg, Pittsburg, Pa.
Hickman, Williams & Co. (Dealers), The Rookery, Chicago
Hillman, J. H. & Son, Frick bldg, Pittsburg, Pa.
Hooker, Howard M. & Co. (Inc.) (Dealers), Farmers Bank bldg, Pittsburg, Pa., & Penn bldg, Pittsburg, Pa.
Houston C. B. & Co. (Dealers), Girard bldg Phila., Pa.
Hostetter-Connellsville Coke Co., Frick bldg. Pittsburg, Pa.
Howard Coal & Coke Co., Baltimore, Md., & Wilsonburg, W. Va.
Indian Coal & Coke Co., Connellsville, Pa., & Worth, W. Va.
Indian Ridge Coal & Coke Co., Connellsville, Pa.
Ivy Coal & Coke Co., Birmingham, Ala.
Johnson, Geo. T. & Co. (Dealers in Furnace & Foundry), Penna. bldg, Pittsburg, Pa.
Keeley, Jerome & Co. (Dealers), 421 Chestnut, Phila., Pa
Keister, A. L. & Co. (also Coal), Scottdale, Pa.
Latrobe, Connells Coal & Coke Co., Latrobe, Pa.
Law, Ernest & Co. (Dealers), 1502 Market, Phila., Pa
Lookout Mountain Coal & Coke Co., Atlanta, Ga.
Louisville Coal & Coke Co., Goodwill, W. Va.
Loyal Hanna Coal & Coke Co., Loyal Hanna, Pa., & Land Title bldg, Phila., Pa.
Lynchburg Coal & Coke Co., Kyle, W. Va.
McKeefrey & Co., Leetonia, O.
McKeil Coal & Coke Co., Glen Jean, W. Va.
Mack, Thos. & Co. (Dealers), Farmers' Bank bldg, Pittsburg, Pa.
Mansfield Coal & Coke Co., Pittsburg, Pa.
Mead Gap Coal & Coke Co., Crossville, Tenn.
Mingo Coal & Coke Co., Middlesboro, Ky.
Mitchell-Watson Coal & Coke Co., Blairsville, Pa.
Moffat, Frank D. & Co. (Jobbers & Dealers), 81 Fulton, N. Y.
Mohr, J. J. (Dealers), Bullitt bldg, Phila., Pa.
Monongahela River Consolidated Coal & Coke Co., Pittsburg, Pa.
Moore, Edgar & Co. (Mfrs. Agents), Farmers' Bank bldg., Pittsburg, Pa.
Mt. Pleasant Coke Co., Greensburg, Pa.
New England Gas & Coke Co., 10 Milk, Boston
New Pittsburg Coal Co., Columbus, O.
New York & Phila. Coal & Coke Co., Produce Exchange, N. Y.
Northern Coal & Coke Co. (Also Coal), Denver, Colo
Norton Coal Co., Norton, Va.
Oak Ridge Coal & Coke Co., Hastings, Pa., & Real Estate Trust bldg, Phila., Pa.
Oliver & Snyder Steel Co., S 11th & Muriel, Pittsburg, Pa.
Opekiska Coal & Coke Co., Connellsville, Pa.
Overholt, A. C. & Co., West Overton, Pa.
Painter & Fogg, Greensburg, Pa.
Palos Coal & Coke Co., Birmingham, Ala.
Peerless Coal & Coke Co., Vivian, W. Va.
Pickards, Brown & Co., Rookery bldg, Chicago, Ill.
Pilling & Crane (also Jobbers in Coal), Girard bldg, Phila., Pa., & Pittsburg, Pa.
Pittsburg & Buffalo Co., Frick bldg, Pittsburg, Pa.
Pittsburg Coal Co., 232 5th av, Pittsburg Pa.
Punxsutawney Coal & Coke Co., Betz bldg, Phila., Pa.
Puritan Coke Co., Tradesman's bldg, Pittsburg Uniontown, Pa.
Rainey, W. J. (Est. of), Williamson bldg, Cleveland, O.
Raleigh Coal & Coke Co., Raleigh, W. Va.

Republic Iron & Steel Co., First National Bank bldg, Chicago, Ill.
Roanoke Coal & Coke Co., Roanoke Va., & Worth, W. Va.
Rochester & Pittsburg Coal & Iron Co., Rochester N. Y. & 1 B'way, N. Y.
Rogers, Brown & Co. (Dealers), Cincinnati, O.; 71 B'wa New York; Monadnock blk, Chicago, Ill.; Farmers' Bank bldg, Pittsburg, Pa.; 53 State State, Boston, Mass.; 219 S 4th, St. Louis, Mo.
Rolfe Coal & Coke Co., Worth, W. Va.
Russell Creek Coal & Coke Co., Virginia City Va.
Sackett, H. R. Coal & Coke Co., Uniontown, Pa.
Sagamore Coal & Coke Co., Bramwell, W. Va.
Saxman Coal & Coke Co., Latrobe, Pa.
Sewanee Coal, Coke & Land Co., Clouse Hill Pa.
Shook & Fletcher (Dealers), Birmingham, Ala
Skalgit Coal & Coke Co., Cokedale, Washn.
Slauffer & Wiley, Scottdale, Pa.
Sloss-Sheffield Steel & Iron Co., Birmingham, Ala.
Southurst Connellsville Coal & Coke Co., Mt. Pleasant, Pa.
Standard Coke Co. (Furnace, Foundry & Crushed Coke), Bank for Sav. bldg, Pittsburg, Pa.
Stauffer, J. R. & Co., Scottdale, Pa.
Stewart Iron Co. (Ltd.), Cleveland, O., & Sharon, Pa.
Stineman Coal & Coke Co., Phila. Bank bldg, Phila., Pa.
Steubenville Coal & Mining Co., Steubenville, O.
Sun Coal & Coke Co., Sun, W. Va.
Superior Coal & Coke Co., Latrobe, Pa.
Taylor, Isaac & Co., Uniontown, Pa.
Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.
Thacher Coal & Coke Co., Linn., O., & Thacher, W. Va.
Tidewater Coal & Coke Co., Vivian, W. Va.
Tygart's Valley Coal & Coke Co., Grafton, W.Va.
Tyler, W. R. & Co. (Dealers), Land Title bldg, Phila., Pa.
Uniontown Coke Co., Uniontown, Pa.
United Coke & Gas Co., 17 Battery pl, New
Upland Coal & Coke Co., Upland, Pa., & Elkhorn, W. Va.
Valley Coal & Coke Co., Burlington, W. Va.
Verner Coal & Coke Co., Carnegie, Pa.
Victoria Coal & Coke Co., Caperton, W. Va.
Virginia Iron, Coal & Coke Co. (Foundry & Furnace), Bristol, Tenn., & Radford, Va.
Virginia & Pittsburg Coal & Coke Co., Fairmount, W. Va.
United Coke & Gas Co., Land Title bldg, Phila., Pa., & 277 B'way, N. Y.
Washington Coal & Coke Co., Dawson, Pa., & Pittsburg, Pa.
Webster Coal & Coke Co., Phila., Pa.
West End Coke Co., Tunnelton, W. Va.

Coke Oven Construction.

Retort Coke Oven Co., New England bldg, Cleveland, O.
Warwick Construction Co., 138 Wash'n, Chicago, Ill.

Coke Plant Construction.

American Coke & Gas Construction Co. (With or Without the Recovery of By-Products), Camden, N. J.

Cold Storage Plant Construction

(See Ice & Refrigerating Machines)

Cold Storage Rooms

(See Refrigerators and Cooling Rooms.)

Collars (Dust, for Axles)

Brill, J. G. Co., 62d & Woodland av, Phila., Pa.

Collars (Shafting)

(See Shafting Collars.)

Collars (Split)

Patterson, Gottfried & Hunter (Ltd.), (The "Johnson" Safety), 146 Center, N. Y.
Yocum, Jas. & Son (For Shafting), 145 N 2d, Phila., Pa.

Collars (Steam Pipe)

Matthews Mfg. Co., Worcester, Mass.
Worcester Pressed Steel Co., Worcester, Mass. Mass.

Collets.

Brown & Sharpe Mfg. Co. (For Milling & Grinding Machines, etc.), Providence, R. I.
Modern Tool Co. ("Magic"), Erie, Pa.
Whitney Mfg. Co. ("Presto"), Hartford, Conn.

Color Card Mfrs.

MORRISON, CHAS. C. & CO. Office, 361 S Clinton. Factory, 91 to 97 Ewing, Chicago, Ill.

Color Cards for Mixed Paints

(See Paint Mfrs' Color Cards)

Color Mfrs. & Importers.

(See also Clays, Minerals, etc.)

Acme White Lead & Color Co., Detroit, Mich.
Adler Color & Chemical Works, 100 William, N. Y., & 170 Tillary, Brooklyn, N. Y
Akron Mining, Milling & Mfg. Co. ("Robinson's"), Aurora, Ill.
Alpha Paint & Mineral Co., Royersford, Pa.
Alston Mfg. Co., 59 Clark, Chicago, Ill.
AMERICAN STEEL & WIRE CO. Venetian Red), Rookery, Chicago, & Battery Park bldg, New York. (See adv. index, end of book)
Atlas Co. (Miners & Refiners), Lincoln, N. J. & 82 Pearl. New York
Ansbacher, A. B. & Co., 310 N 7th, Brooklyn N. Y., & 4 Murray, New York
Augusta, Sienna & Ochre Co. (Miners & Exporters), Augusta, Ga.
Ault & Wiborg Co., 7th & Culvert, Cincinnati, O.
Bass Paint Co. (Dry, etc.), Alburtis, Pa.
Billings-Chapin Co., 37 Case av, Cleveland, O.
Billings, King & Co., 438 Pearl, N. Y., & 153 Congress, Boston, Mass.
Binney & Smith Co., 81 Fulton, New York
Bird, F. J. Co. (Aniline), 122 Arch, Phila., Pa.
Breidbach, C. J. & Son, 395 Mott av
Briggs, John & Co., 14 Washington, Boston
Cawley, Clark & Co., Newark, N. J.
Cleveland Color Co., Mason & Belden, Cleveland, O.
Continental Varnish & Color Co., 1315 W 8th Kansas City, Mo
Coulston, J. W. Co., 81 West, New York
Detroit White Lead Works. 532 Milwaukee av, W. Detroit, Mich.
Devoe, F. W. & C. T. Raynolds Co., 101 Fulton, N. Y., & 176 Randolph, Chicago, Ill.
Doggett, Stanley (Dry), 101 Beekman, New York
Eagle White Lead Co., 1020 B'way, Cincinnati, O.
Essex Paint Works, Essex, Conn.
Ferric Chemical & Color Co., Worcester, Mass.
Forest City Paint & Varnish Co., Cleveland, O.
FRENCH, SAMUEL H. & CO., 4th & Callowhill, Philadelphia, Pa. (See adv. index, page 1200)
Gabriel & Schall (Importers of Tithopone Dry Colors, etc.), 305 Pearl, New York
Hammill & Gillespie (Importers), 240 Front, New York
Harrison Bros. & Co., 35th & Gray's Ferry rd, Philadelphia, Pa.; 45 Lake, Chicago, & 72 Broad, Boston, Mass., & 119 Fulton, New York
Heller & Merz Co. (Aniline), 22 Cliff, New York
Hemingway & Co., 135 Front, New York
Herrman, Morris & Co., 68 William, N. Y.
Huber, Jos. M., 275 Water, New York
Illinois Mineral Milling Co., 211 N 7th, East St. Louis, Ill.
International Acheson Graphite Co. (Pigments), Niagara Falls, N. Y.
Johnson, Chas E. & Co., 509 S 10th, Philadelphia, Pa.
Kalle & Co. (Importers), 530 Canal, New York
Keppelmann, Adolphus, 205 Fulton, N. Y.
Kohnstamm, H. & Co., 87 Park pla, New York cor Levee & Sidney, St. Louis, Mo
Lavenburg, Fred'k L. (Importer), 100 William, New York
Lewis, John T. & Bros. Co., 231 S Front, Phila., Pa.
Longman & Martinez, 207 Pearl, N. Y.
Lucas, John & Co., 4th & Race, Philadelphia, Pa.
McLennan Paint Co., Buffalo, N. Y.
Macneal, Jas. B. & Co., 34 S Calvert, Baltimore, Md.
Mamolith Carbon Paint Co., Poplar Bluff, Mo.
Mepham, Geo. S. & Co. (Colors & Minerals), E St. Louis, Ill.
Mertztown Paint & Ochre Co. (Ochres, Umbers, Siemas, Metallic Brown, Reds, Slate, Flour, Mineral, Blacks, etc.), 3d & Chestnut, Phila., Pa., & 105 Hudson, New York. Works. Mertztown, Pa.
Mound City Paint & Color Co., 813 N 6th, St. Louis, Mo.
Peninsular Lead & Color Works (Ltd.) (Dry), ft of Leib, Detroit, Mich.
Pfeiffer, Isaac, 92 William, New York
Prince Mfg. Co., 71 Maiden Lane, N. Y.
Prince's Metallic Paint Co., 140 Maiden la, N. Y.
Schoellkopf, Hartford & Hanna Co. (Aniline), Buffalo, N. Y.
Sherwin-Williams Co., 100 Canal, Cleveland, O.
Sinclair & Valentine, 5 Marion, New York
Swift, Wm. H. & Co., 75 Broad, Boston
Tiemann, D. F. & Co., 44 Duane, New York
Toch Bros, 468 W. B'way, N. Y.
Toch, J. L. & J., 25 Bridge, New York
Valentine & Co., 257 B'way, New York
WHITTAKER, W. H. (Importer & Dealer), 245 Front, New York. (See adv. index, end of book)
Williams, C. K. & Co. (Miners & Exporters), Easton, Pa.
Wix, Chas. & Co., 53 Dey New York
Woodhouse, Sam'l F., Fk'd, Phila., Pa.

Colors (Steel)

Doggett, Stanley, 101 Beekman, New York

Colors & Fillers (Paper Makers')

Williams, C. K. & Co., Easton, Pa.

Column Coverings

Atlas Fireprofing Co. (Solid Concrete), 13 Astor pl, New York., Penna. bldg, Phila., Pa.
Federal Clay Mfg. Co., 170 B'way, New York O.
Fireprofing Tile Co. ("Gypsite"), 250 Beecher av, Detroit, Mich.
Haydenville Co., Haydenville, O.
Hocking Clay Mfg. Co., Logan, O.
Mackolite Fireproofing, Co., 109 Randolph, Chicago
MERRITT & CO., 1025 Ridge av, Phila., Pa. (See adv. index, end of book)
Person, O. D., 160 5th av, New York, New York

Columns (Cast Iron)

(See also Firms in Iron, Arch'l & Ornamental, Marked with a Star.)

Brown-Ketcham Iron Works, 2549 W Michigan, Indianapolis, Ind.
CHAMPION IRON CO., Kenton, O. (See adv. Index, end of book)
Cornell, J. B. & J. M. Co., 26th & 11th av, New York
Megguire & Jones Co., 48 Pearl, Portland, Me.
N. J. FOUNDRY & MACHINE CO., 9 Murray, N. Y. (See adv. index, end of book)
RICHEY, BROWNE & DONALD, Mas-peth, Borough of Queens, N. Y. City. (See adv. index, end of book)
RUSSEL WHEEL & FOUNDRY CO. Detroit, Mich. (See adv. index, end of book)
SNEAD & CO. IRON WORKS, Jersey City, N. J. (See adv. index, end of book)

Columns, Porch, Etc. (Mfrs.)

American Column Co., Battle Creek, Mich.
Biggs, B. F. Pump Co., Lafayette, Ind.
Booth Column Co. (Wholesale Mfrs.), Toledo, O.
Bossert, Louis & Son (Wholesale Mfrs.), Grand st. & Newtown Creek, Brooklyn, N. Y.
Carter, Bird & Co. (Wholesale), Dallas, Tex.
Colonial Column Mfg. Co. (Interlocked Lock Joint). 5 E 42 d, New York
Cream City Sash & Door Co. (for the Trade only), Milwaukee, Wis.
Crook, W. T. (Mfrs. Agent "Ideal" Interlocking), 1133 B'way, New York
Curtis Bros. & Co. (Wholesale Mfrs.), Clinton, Ia.
Curtis & Bartlett Co. (Wholesale Mfrs.), Lincoln, Neb.
Curtis & Yale Co. (Wholesale Mfrs.), Wausau, Wis.; 79 Grand av, Milwaukee, Wis., & Lumber Exch., Minneapolis, Minn.
Cypress Tank & Mfg. Co. (Wholesale Mfrs.), Patterson, La.
Davis, E. J. Mfg. Co., 251 W 21st, Chicago, Ill.
Dickey, A. & Co. (Piazza, etc., Wholesale), 37 Bristol, Boston, Mass.
Disbrow, M. A. & Co. (Wholesale Mfrs.), Lyons, Ia.
Doane & Jones Lumber Co. (Perfect Joint), Elmira, N. Y.
Foster, Munger Co. (for the Trade only), W 20th & S Sangamon, Chicago, Ill.
Gauger, Jno. A. & Co. (For the trade only), W 22d & Laflin, Chicago, Ill.
Grays Harbor Construction Co., Cosmopolis, Wash.
Harris & Cole Bros. (Poplar Bored), Cedar Falls, Ia., & Columbia, Tenn.
Hartmann Bros. Mfg. Co. (Lock Joint Staved) Mt. Vernon,. N. Y.
Jeffersonville Mfg. Co., Jeffersonville, Ind.
Lawrence, Newhall, Page & Co. (Wholesale Mfrs.), Augusta, Me.
L'Hote Lumber Mfg. Co., N Liberty & Toulouse, New Orleans, La.
Lidell & Williams, 597 Austin av, Chicago, Ill.
McGraft, N. & Son, Muskegon, Mich.
McMillen, R. Co. (for the Trade only), Oshkosh, Wis.
Malta Mfg. Co. (Wholesale Mfrs.), Malta, O.
Mann, Watson & Co., Muskegon, Mich.
Morgan Co. (for the Trade only), Oshkosh, Wis., & W 22d & S Union. Chicago, Ill.
Morse Cedar Co. (White Cedar), Saginaw, Mich.
Nelson, C. T. Co., Columbus, O.
New York Fire Proof Column Co. ("Lally." Damp & Fire Proof), 253 B'way, New York
Oakland City Mfg. Co., Oakland, Ind.
Paine Lumber Co. (for the Trade only), Oshkosh, Wis., & 1 Madison av, New York
Palmer, Fuller & Co. (Wholesale Mfrs.), 2244 Lumber, Chicago
Pierce, W. E. & Co. (Wholesale Mfrs.), Milford, N. H.
Requarth, F. A. Co., Dayton, O.
Roberts, E. L. & Co. (for the Trade only), W. 22d & Union place, Chicago, Ill.
Rockwell Mfg. Co. (for the Trade only), 6th av & Park, Milwaukee, Wis.
Schwerd, O. F., Allegheny, Pa.
Spangler, Frank (Tongued & Grooved Staved). Toledo, O.
Standard Wood Turning Co. (Staved Up), 194 Greene, Jersey City, N. J.
Stearns, A. T. Lumber Co., Neponset. & 166 Devonshire, Boston, Mass.
Union Column Co., Wilkinsburg, Pa.
Weybrecht's, J. T. Sons (Solid & Staved), Alliance, O.
Whatcom Falls Mills Co. (Red Cedar for the trade only), New Whatcom, Wash.
Zimmerman, Chas. E., 204 Burnet, Syracuse, N. Y.

Comealongs or Wire Pullers.

Burr Mfg. Co., 131 Viaduct, Cleveland, O.
Cope, T. J. (Automatic), 3244 N 15th, Philadelphia, Pa.
Dicke Tool Co. ("Howe"), Downers Grove, Ill.
Eureka Fence Mfg. Co. ("Sedgwick"), Richmond, Ind.
Eureka Tempered Copper Co., North East, Pa.,
Klein, Mathias & Son, 87 W Van Buren, Chicago, Ill.
Locke Insulator Mfg. Co., Victor, New York
Patterson Bros., 27 Park row, New York
Western Electric Co. ("Buffalo Grip"), 259 S Clinton, Chicago, Ill., & 57 Bethune, New York

Commutator Building & Refilling.

(See Armature, Rewinding, & Commutator Refilling.)

Commutator Copper.

(See Copper for Commutator Bars.)

Commutator Dressing.

(See Compounds, Commutator.)

Commutator Segments.

(See Bars, Commutator.)

Commutator Truing Device.

Akron Electrical Mfg. Co. (the Carr), Akron, Ohio
Fort Wayne Electric Works, Fort Wayne, Ind.
Jordan Bros., 74 Beekman, N. Y.

Compasses, Dividers, Etc.

Athol Machine Co., Athol, Mass.
Bemis & Call Hardware & Tool Co., Springfield, Mass.
Gaynor & Mitchell Mfg. Co. (Brass Compasses only), Bridgeport, Conn.
Gurley, W. & L. E., Troy, N. Y.
Kraeuter & Co., 577 18th av, Newark, N. J.
McAllister, T. H., 49 Nassau, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn., & 27 Murray, New York
Pfister, Herm, 428 Plum, Cincinnati, O.
QUEEN & CO. (Inc.), 1010 Chestnut. Phila., Pa., & 59 5th av, N. Y. (See adv. index, end of book)
SOLTMANN, E. G. (also everything for the Architect, Engineer & Draughting Room), - 5 E 42d, N. Y. (See adv. index, end of book)
Starrett, L. S. Co., Athol, Mass.
Stevens, A. W. ("Coolidge" Beam Compass), Ithaca, N. Y.
Stevens, J. Arms & Tool Co., Chicopee Falls, Mass
Taylor Bros. Co. Rochester, N. Y.
Tower & Lyon Co., 95 Chambers, New York.

Compo Board (Water Proof)

NORTHWESTERN COMPO BOARD Co., Andrus bldg, Minneapolis, Minn. (See adv. below)

Compo Boards.

NORTHWESTERN COMPO BOARD Co., Andrus bldg, Minneapolis, Minn. (See adv. below)
SOLTMANN, E. G., 125 E. 42d, New York. (See adv. index, end of book)

Composite Boards

SOLTMANN, E. G. (Made of Pulp), 125 E 42d, New York. (See adv. index, end of book)

Compounds (Case Hardening & Tempering)

American Carburizing Co. (Carburizer for Case Hardening), 160 Pearl, N. Y.
Altemus, W. F. & Co. ("Diamond" tool hardening & tempering compound), Hartford, Conn.
Frye, Henry A. Steel Hardener Co. (Steel Hardening), 15 W. 27th, N. Y.
Houghton, E. F. & Co. ("Houghton's" Case Hardening, Hydro-Carbonated Bone Black for Tempering "Houghton's" Tempering Oil), 240 W. Somerset, Phila., Pa.
Mosso, C. A. (Tool Hardening & Tempering), Dryden, N. Y.
Rogers & Hubbard Co. ("Hubbard's" Granulated & Parneacha Raw Bone for Case Hardening, Etc.), Middletown, Conn.

Compounds (Commutator)

Allen, L. B. Co., 1336 Columbia av, Chicago
Ashmore, E. M. & Co. (Ebonite), 40 Englewood av, Detroit, Mich.
Bernard, E. G. Co. (the E. G. B.), Troy, N. Y.
Chisholm Archibald ("Peerless"), 2742 Madison, St. Louis, Mo.
Cleveland Armature Works, Col. & Hamilton, Cleveland, O.
Commutator Compound Co. ("Nevergum"), Battle Creek, Mich.
Crown Woven Wire Brush Co., Salem, Mass.
Diamond Compound Co., Newark, N. J., & Masonic Temple, Chicago, Ill.
Goldmark & Wallace (Trotter's), 67 Cortlandt, New York
Hart & Co. ("Red Cross"), 145 LaSalle, Chicago
Kester Electric Mfg. Co., 251 S Jefferson, Chicago, Ill.
Kinsman Electric & Railway Supply Co. ("Peerless"), 91 Liberty, New York
Le Valley Vitae-Carbon Mrush Co. (Lubricating), 125 E 42d, New York
Little, O. C. Pulley Coating Co., Menasha, Wis.
McLennan, K. & Co. (Gale's), 100 Washington, Chicago, Ill.
Mullinix Electric Co. (Slick), Norwood, O.
Nagel, W. G. Electric Co. (the Eclipse), 520 Adams, Toledo, O.
Ohio Electrical Specialty Mfg. Co., Troy, Ohio
Pettingill, Andrew Co. ("Old Colony"), Pearl & Atlantic av, Boston, Mass.
Southworth & Hare, 48 N Delaware, Indianapolis, Ind.
Thornberg, Edw. R. ("Eureka"), Sioux Falls, S. Dak.

Compounds—Core.

New Era Mfg. Co. (Also Core Oils), Kalamazoo, Mich.
SMITH, J. D. FOUNDRY SUPPLY CO. 40 S Water, Cleveland, O., & 2143 Central av, Cincinnati, O. (See adv. index, end of book)

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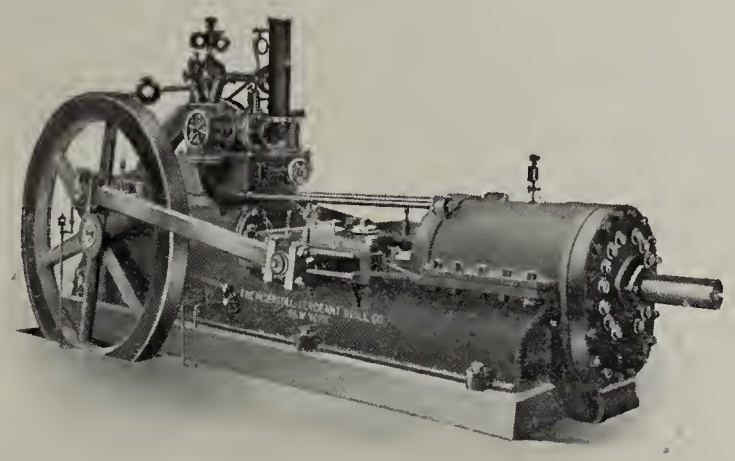
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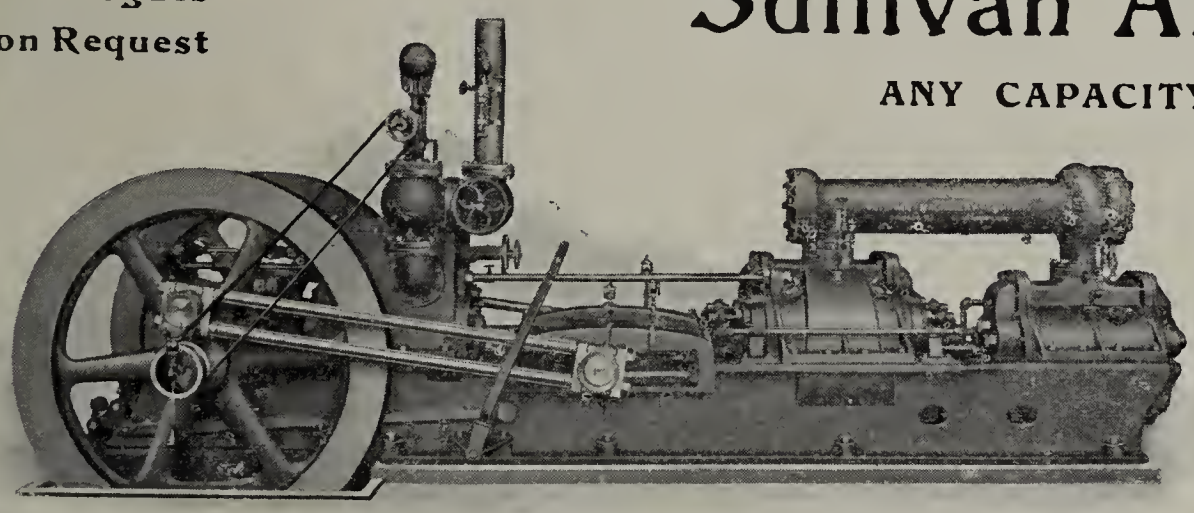
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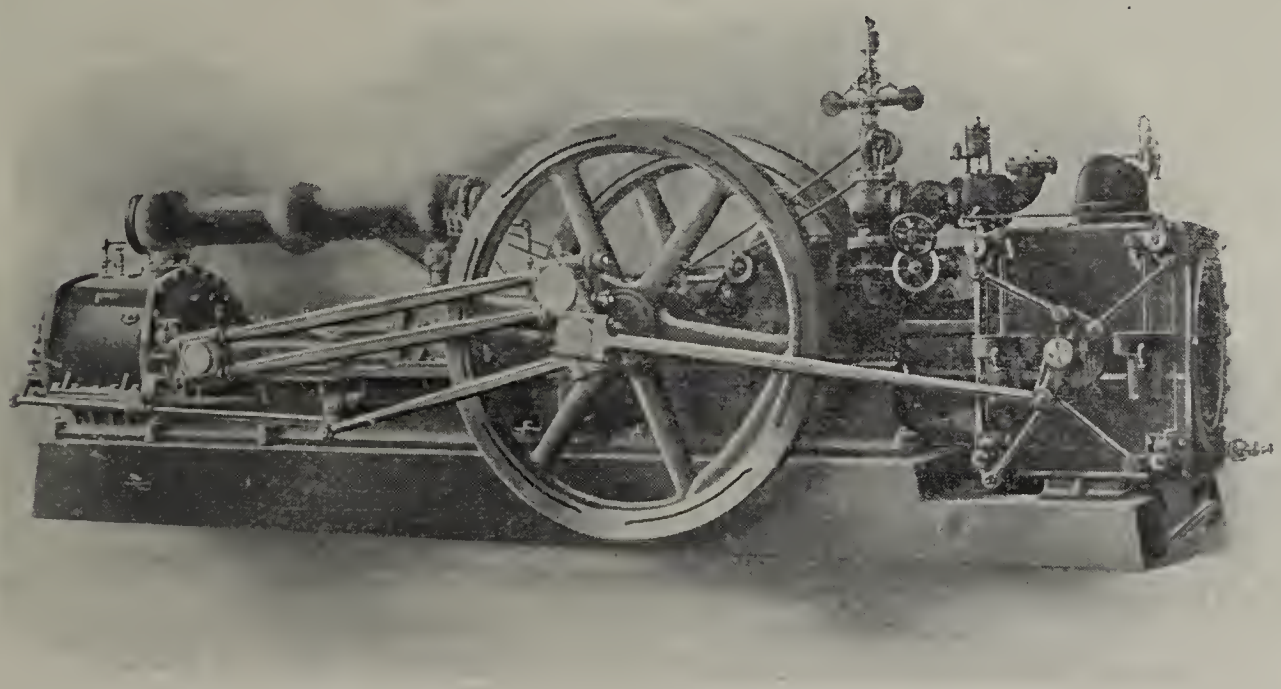
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"Most satisfactory runs. Rotation good. Holes perfectly round. No stops from drills sticking and no hitch of any kind."	"Rotation bad and hole rifled. Considerable lessening of speed of machine."
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Castings of all kinds
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Peerless Drilling Compound Co., Utica, N. Y.

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Edgecombe Co. ("No Leak"), Indianapolis Ind.

Compounds (Welding)

Cortland Welding Compound Co. ("Climax & Borax-Ettee"), Cortland, N. Y.
Dingee, M. H. (Welding, "Sparger"), Lynchburg, Va.
Welding Compound Co. ("Cherry Heat" & "Eureka"), Paterson, N. J.

Compress & Oil Well Supplies

Bierce, Wm. W. (Ltd.), Hennen bldg, New Orleans, La.

Compressed Air Plant Construction.

Peninsular Engineering & Construction Co. Jackson, Mich

Compression Work

(See Cocks & Bibbs, Compression.)

Compressors—Air.

ALABAMA.

BIRMINGHAM—Hardie-Tynes Mfg. Co.
INGERSOLL - SERGEANT DRILL Co., The, 1918 Morris av. (See adv. opposite page 292)

CALIFORNIA.

LOS ANGELES—Calkins Co.
FAIRBANKS, MORSE & CO. (Air, Gasoline & Steam), 136 Los Angeles. (See adv. index, end of book)
SAN FRANCISCO—Compressed Air Machinery Co. ("Giant"), 24 1st
FAIRBANKS, MORSE & CO. (Air, Gasoline & Steam), 310 Market. (See adv. index, end of book)
Fulton Engineering & Shipbuilding Works, 15 1st
INGERSOLL - SERGEANT DRILL Co., The, 21 Fremont. (See adv. opposite page 292)
Risdon Iron Works, Steuart, c Folsom
Rix Compressed Air & Drill Co., 396 Mission

COLORADO.

DENVER—**FAIRBANKS, MORSE & CO.,** Air, Gasoline & Steam) (See adv. index, end of book)
INGERSOLL - SERGEANT DRILL CO., THE, 1718 California. (See adv. opposite page 292)
JEFFREY MFG. CO. ("Phillips"). (See adv. index, end of book)
Leyner, J. Geo., Engineering Works Co. ("Leyner," Belt, Steam, Electric, Water Power, etc.), 501 17th
Stearns-Roger Mfg. Co., 1718 Calif

CONNECTICUT.

BRIDGEPORT—Pacific Iron Works
SOUTH NORWALK—**NORWALK IRON** Works Co. (Air & Gas Compressors). (See adv. opposite page 292)

ILLINOIS.

AURORA—**AMERICAN WELL WORKS.** (See adv. opposite page 295)
CHICAGO—Allis-Chalmers Co. ("Reynolds," Belted, Steam, etc.), N. Y. Life bldg
AMERICAN WELL WORKS. (See adv. opposite page 295)
CHICAGO PNEUMATIC TOOL CO., Fisher bldg. (See adv. index, end of book)
CHICAGO TOOL & SUPPLY CO., 356 Dearborn. (See adv. index, end of book)
FAIRBANKS, MORSE & CO. (Air, Gasoline & Steam), Franklin & Monroe. (See adv index, end of book)
Fisher, A. J., 56 S Clinton
INGERSOLL - SERGEANT DRILL Co., The, Old Colony bldg. (See adv. opposite page 292)
MANNING, MAXWELL & MOORE (Belt Driven, etc.), 22, 24, 26 S Canal. (See adv. index, end of book)
Martin & Anson, 2232 Cottage Grove av
MURPHY, CHRISTOPHER & CO. ("Fisher"), 204 Dearborn. (See adv. opposite page 294)
Powers Regulator Co. (Hydraulic), 40 Dearborn
RAND DRILL CO. (Steam Belt, Electric Corliss, Steam Driven), 1328 Monadnock bldg. (See adv. opposite page 293)
SHAW, WILLIS, 171 Lasalle. (See adv. index, end of book)
SULLIVAN MACHINERY CO. (Corliss Condensing Straight Line), 7 Jackson boul. (See adv. opposite page 292)
QUINCY—Gardner Governor Co.

INDIANA.

CONNERSVILLE—Roots, P. H. & F. M. Co.
INDIANAPOLIS—Dean Bros. Steam Pump Works, 323 W 10th
FAIRBANKS, MORSE & CO. ("Air, Gasoline & Steam). (See adv. index, end of book)

KENTUCKY.

LOUISVILLE—**FAIRBANKS, MORSE &** CO. (Air, Gasoline & Steam), 519 Main. (See adv. index, end of book)
National Foundry & Machine Co.

MASSACHUSETTS.

BOSTON—Blanchard Machine Co. (Enclosed Self-Oiling), 16 Harcourt
INGERSOLL - SERGEANT DRILL Co., The, 77 Oliver. (See adv. opposite page 292)
Weld Mfg. Co. (Hydraulic), 41 Lincoln

MICHIGAN.

BATTLE CREEK—American Steam Pump Co. Union Steam Pump Co.
DETROIT—**FAIRBANKS, MORSE & CO.** (Air, Gasoline & Steam), 89 Jefferson. (See adv index, end of book)

MINNESOTA.

MINNEAPOLIS—**FAIRBANKS, MORSE &** CO. (Air, Gasoline & Steam), 220 Nicollet av. (See adv. index, end of book)
MINNEAPOLIS STEEL & MACHINERY CO. (See adv. index, end of book)
ST. CLOUD—St. Cloud Iron Works
ST. PAUL—**FAIRBANKS, MORSE &** CO. (Air, Gasoline & Steam), 234 E 3d. (See adv. index, end of book)
INGERSOLL - SERGEANT DRILL CO., THE, 4th & Wacouta. (See adv. opposite page 292)
Co., The, Fullerton bldg. (See adv. index, end of book)
Stickney, Chas. A. Co., Fillmore av c Starkey

MISSOURI.

KANSAS CITY—**FAIRBANKS, MORSE &** CO. (Air, Gasoline & Steam), 1217 Union av. (See adv. index, end of book)
ST. LOUIS—Curtis & Co. Mfg. Co. ("Curtis" Automatic Belt & Motor Driven), 2201 Wash'n av
FAIRBANKS, MORSE & CO. (Air, Gasoline & Steam), 8th & Clark av. (See adv. index, end of book)
INGERSOLL - SERGEANT DRILL Co., The, Fullerton bldg. (See adv. opposite page 292)
St. Louis Steam Engine Co. (50 to 100 lbs.), 16 S Commercial

NEBRASKA.

OMAHA — **FAIRBANKS, MORSE &** CO. ((Air, Gasoline & Steam). (See adv. index, end of book)

NEW JERSEY.

PLAINFIELD—**PEDRICK & AYER CO.**

NEW YORK.

AUBURN—Leather & Brass Mfg. Co. (Hand & Power)
BROOKLYN—(See New York City, Borough of Brooklyn)
MONTOUR FALLS—General Pneumatic Tool Co. ("Shepard" for Pneumatic Tools, etc.)
NEWBURGH—Newburgh Ice Machine & Engine Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—American Air Compressor Works, Van Brunt & Summit
Foster Pump Works, 224 Plymouth
Davidson, M. T., 43 Keap
GUILD & GARRISON, Kent av c S 10th

Boroughs of Manhattan & Bronx

NEW YORK—Allis-Chalmers Co. ("Reynolds" Belted, Steam, etc.), 71 B'way
American Air Compressor Works, 26 Cortlandt
AMERICAN WELL WORKS, 2 Stone. (See adv. opposite page 295)
Cameron, A. S., Steam Pump Works, 23d & N. R.
CHICAGO PNEUMATIC TOOL CO., 95 Liberty. (See adv. index, end of book)
Clayton Air Compressor Works, 116 Liberty
Davidson, M. T., 141 B'way
Davis & Roesch Temperature Controlling Co. (Hydraulic), 136 Liberty
FAIRBANKS, MORSE & CO. (Air, Gasoline & Steam), 133 Liberty. (See adv. index, end of book)
INGERSOLL - SERGEANT DRILL Co., The, 26 Cortlandt. (See adv. opposite page 292)
International Steam Pump Co., 114 Liberty
JEFFREY MFG. CO. ("Phillips"), 41 Dey. (See adv. index, end of book)
GENERAL ELECTRIC CO. (Electric, 44 Broad. (See adv. index, end of book)
McKiernan Drill Co., 170 B'way
MANNING, MAXWELL & MOORE Belt Driven, etc.), 85, 87, 89 Liberty. (See adv. index, end of book)
Niles-Bement-Pond Co. (belt driven, etc.), 136 Liberty
PEDRICK & AYER CO. (Belt Driven), 85, 87, 89 Liberty
PNEUMATIC ENGINEERING CO., 128 B'way
Platt Iron Works Co., 93 Liberty
RAND DRILL CO. (Steam Belt, Electric Corliss, Steam Driven), 128 B'way. (See adv. opposite page 293)

(END OF NEW YORK CITY.)

SCHENECTADY—**GENERAL ELECTRIC** Co. (Electric). (See adv. index, end of book)
TROY—Mammett Machine Works

OHIO.

CINCINNATI—Clayton Air Compressor Works, 211 W 4th
FAIRBANKS, MORSE & CO. (Air, Gasoline & Steam), 307 Walnut. (See adv. index, end of book)
Lane & Bodley Co., John c Water
CLEVELAND—**FAIRBANKS, MORSE &** CO. (Air, Gasoline & Steam), 99 Water. (See adv. index, end of book)
INGERSOLL - SERGEANT DRILL Co., The, Williamson bldg. (See adv. opposite page 292)
Laidlaw-Dunn-Gordon Co., 11 S Water
Snider-Hughes Co., Sheridan St., & C. & P. R. R.
COLUMBUS — **JEFFREY MFG. CO.** ("Phillips"). (See adv. index, end of book)

Rarig Engineering Co.
DAYTON—Platt Iron Works Co.
LORAIN—Brown-Cochran Co.
UPPER SANDUSKY—National Steam Pump Co.

OREGON.

PORTLAND—**FAIRBANKS, MORSE & CO.** (Air, Gasoline & Steam). (See adv. index, end of book)

PENNSYLVANIA.

ALLEGHENY—Hall Steam Pump Co.
BRADDOCK—Braddock Machine & Mfg. Co.
BRADFORD—Blaisdell Machinery Co. (All types.)
Bovaird & Seyfang Mfg. Co.
ERIE—Herron & Bury Mfg. Co. (Steam, Belt & Electrically Driven.)
FRANKLIN — **CHICAGO PNEUMATIC** Tool Co. (See adv. index, end of book)
Keystone Drill Co. (Four-Cylinder, Belt-Actuated)
PHILADELPHIA — **INGERSOLL - SERGEANT** Drill Co., The, Arcade bldg. (See adv. opposite page 292)
Kensington Engine Works (Ltd.), (belt, steam & Motor driven), 245 N Broad
Philadelphia Engineering Works, Mifflin & Meadow
Southwark Foundry & Machine Co., 5th, c Wash av
Underwood, H. B. & Co. (Compound Tandem Belt), 1027 Hamilton
PITTSBURG — **INGERSOLL - SERGEANT** Drill Co., The, Park bldg. (See adv. opposite page 292)
WESTINGHOUSE AIR BRAKE CO., THE (Steam Driven)
WESTINGHOUSE TRACTION Brake Co. (Motor & Axle Driven)
Wilson-Snyder Mfg. Co., Ross & Water
PORT CARBON—Franklin Iron Works
SCRANTON—Allis-Chalmers Co. ("Reynolds" Belted Steam, etc.)
WARREN—Jacobson Machine Mfg. Co.
WILKESBARRE—Vulcan Iron Works

RHODE ISLAND.

PROVIDENCE—Builders' Iron Foundry

TEXAS.

DALLAS—**AMERICAN WELL WORKS.** (See adv. index, end of book)

UTAH.

SALT LAKE CITY—**FAIRBANKS, MORSE & CO.** (Air, Gasoline & Steam), 218 S. W. & Temple. (See adv. index, end of book)

WASHINGTON.

SEATTLE — **INGERSOLL - SERGEANT** Drill Co., The. (See adv. opposite page 292)

WISCONSIN.

MILWAUKEE—Allis-Chalmers Co. ("Reynolds" Belted, Steam, etc.)
FILER & STOWELL CO., Becher c Ziemer. (See adv. index, end of book)
National Electric Co. (Motor Driven, Christensen Type)
Nordberg Mfg. Co.

Compressors (Air Portable)

MacLeod, Walter & Co. (Motor Driven, etc.), Cincinnati, O.

Compressors (Ammonia)

Allis-Chalmers Co., Chicago, Ill., Scranton, Pa., & Milwaukee, Wis.
Guild & Garrison, Kent av, c S 10th, Brooklyn, N. Y.
TRIUMPH ICE MACHINE CO., 610 Baymiller, Cincinnati, O. (See adv. index, end of book)
VILTER MFG. Co., 1046 Clinton, Milwaukee, Wis. (See adv. index, end of book)

Compressors (Automatic & Hydraulic)

ELLIS CO. ("Ellis"), 216 W 23d, New York. (See adv. index, end of book)

Compressors (Corliss)

INGERSOLL-SERGEANT DRILL CO., The, 26 Cortlandt, New York. Offices, Old Colony bldg, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg, St. Louis, Mo.; 1718 California, Denver, Col.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 First av, Seattle, Wash.; Corestine bldg, Montreal, Canada; Mexico City, Calle 2a de Dolores No. 20, Mexico, D. F.; London, Eng., 114a Queen Victoria St.; Paris, France, 51 Rue De la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence St.; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co.; Lime, Peru, W. R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv. index, end of book)
RAND DRILL CO. ("Corliss" Steam Driven), 128 B'way, New York, & Monadnock blk, Chicago, Ill. (See adv. opposite page 293)

Compressors (Gas)

Allis-Chalmers Co., Home Ins. Co. bldg, Chicago
AMERICAN WELL WORKS, Aurora, Ill. (See adv. opposite next page)
Brown-Cochran Co., Lorain, O.
Blaisdell Machinery Co., Bradford, Pa.
CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill., & 95 Liberty, New York. (See adv. index, end of book)
CHICAGO TOOL & SUPPLY CO., 356 Dearborn, Chicago, Ill. (See adv. index, end of book)
Clayton Air Compressor Works, 116 Liberty, N. Y.
Columbus Machine Co., Columbus, O.
FILER & STOWELL CO., Becher c Ziemer, Milwaukee, Wis. (See adv. index, end of book)
Hartford Engine Works, Hartford, Pa.
Kroeschell Bros. Co., 55 Erie, Chicago, Ill.
INGERSOLL-SERGEANT DRILL CO., The, 26 Cortlandt, New York. Offices, Old Colony bldg, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg, St. Louis, Mo.; 1718 California, Denver, Col.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 First av, Seattle, Wash.; Corestine bldg, Montreal, Canada; Mexico City, Calle 2a de Dolores No. 20, Mexico, D. F.; London, Eng., 114a Queen Victoria St.; Paris, France, 51 Rue De la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence St.; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co.; Lime, Peru, W. R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv. opposite page 292)
Lane & Bodley Co., John & Water, Cincinnati, O.
Leyner, J. Geo. Engineering Works Co., Denver, Colo.
MURPHY, CHRISTOPHER & CO. ("Fisher"), 204 Dearborn, Chicago, Ill. (See adv. opposite page 294)
Nordberg Mfg. Co., Milwaukee, Wis.
NORWALK IRON WORKS CO., South Norwalk, Conn. (See adv. index, end of book)
Platt Iron Works Co., Dayton, O., & 93 Liberty, New York
RAND DRILL CO., 128 B'way, N. Y., & Monadnock blk, Chicago. (See adv. opposite page 293)
St. Louis Steam Engine Co., St. Louis, Mo.
Young, E. R. & Sons, Titusville, Pa.

Compressors (Gasoline)

Columbus Machine Co., Columbus, O.
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av., St. Louis; 1217 Union av., Kansas City, Mo.; 234 E. 3rd, St. Paul; 220 Nicollet av., Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
General Compressed Air House Cleaning Co. (Portable Air), 3933 Olive, St. Louis, Mo.
MURPHY, CHRISTOPHER & CO. ("Fisher"), 204 Dearborn, Chicago, Ill. (See adv. opposite page 294)

Concentrators (Ore)

Allis-Chalmers Co. Office New York Life bldg, Chicago. Works, Chicago, Milwaukee, Wis., & Scranton, Pa.
American Concentrator Co., Joplin, Mo.
American Engineering & Reduction Co. ("Lane," Pneumatic), Claxton bldg, Cleveland, O.
Aurora Foundry & Machine Works, Aurora, Mo.
Carterville Foundry & Machine Works, Carterville, Mo.
Colorado Iron Works Co. (The "Bartlett"), Denver, Col.
Cresson, Geo. V. Co., Allegheny av W of 17th, Phila., Pa., & 141 Liberty, N. Y.
Davis, F. M. Iron Works Co., 8th & Larimer, Denver, Col.
Denver Engineering Works Co., Blake & 30th, Denver, Col.
Fritsch, Arthur, Foundry & Machine Co., 216 Gratiot, St. Louis, Mo.
Frue Vanning Machine Co., 45 B'way, New York
General Concentrates Co., 128 B'way, N. Y.
Hamilton, Wm. Mfg. Co., Peterboro, Ontario, Can.
Hendy, Joshua, Machine Works, San Francisco, Cal.
Knoxville Foundry & Machine Co. (for Low Crude Oil), Knoxville, Tenn.
Krogh Mfg. Co., 9 Stevenson, San Francisco, Cal.
Krom Machine Works (Dry Ore), 170 B'way, New York, & 10 Essex, Jersey City, N. J.
Llewellyn Iron Works, Los Angeles, Cal.
McCabe, P. B. & Co. (New Standard), Los Angeles, Cal.
Mecklenburg Iron Works, Charlotte, N. C.
Mine & Smelter Supply Co. (The Wilfrey), Denver, Col.; El Paso, Tex.; Salt Lake City, Utah, & 139 Liberty, New York
New Standard Concentrator Co., Los Angeles Cal.
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
Risdon Iron & Locomotive Works ("The Johnston"), San Francisco, Cal.
Salt Lake Engineering Works, Salt Lake City, Utah
Stearns-Rogers Mfg. Co., 1718 California, Denver, Col.
Union Iron Works, San Francisco, Cal.
United Iron Works Co. (Comple Plants for Lead & Zinc Ores, etc.), Springfield, Mo.
Van Drake, Olsen Machine Works, 308 Mission, San Francisco, Cal.

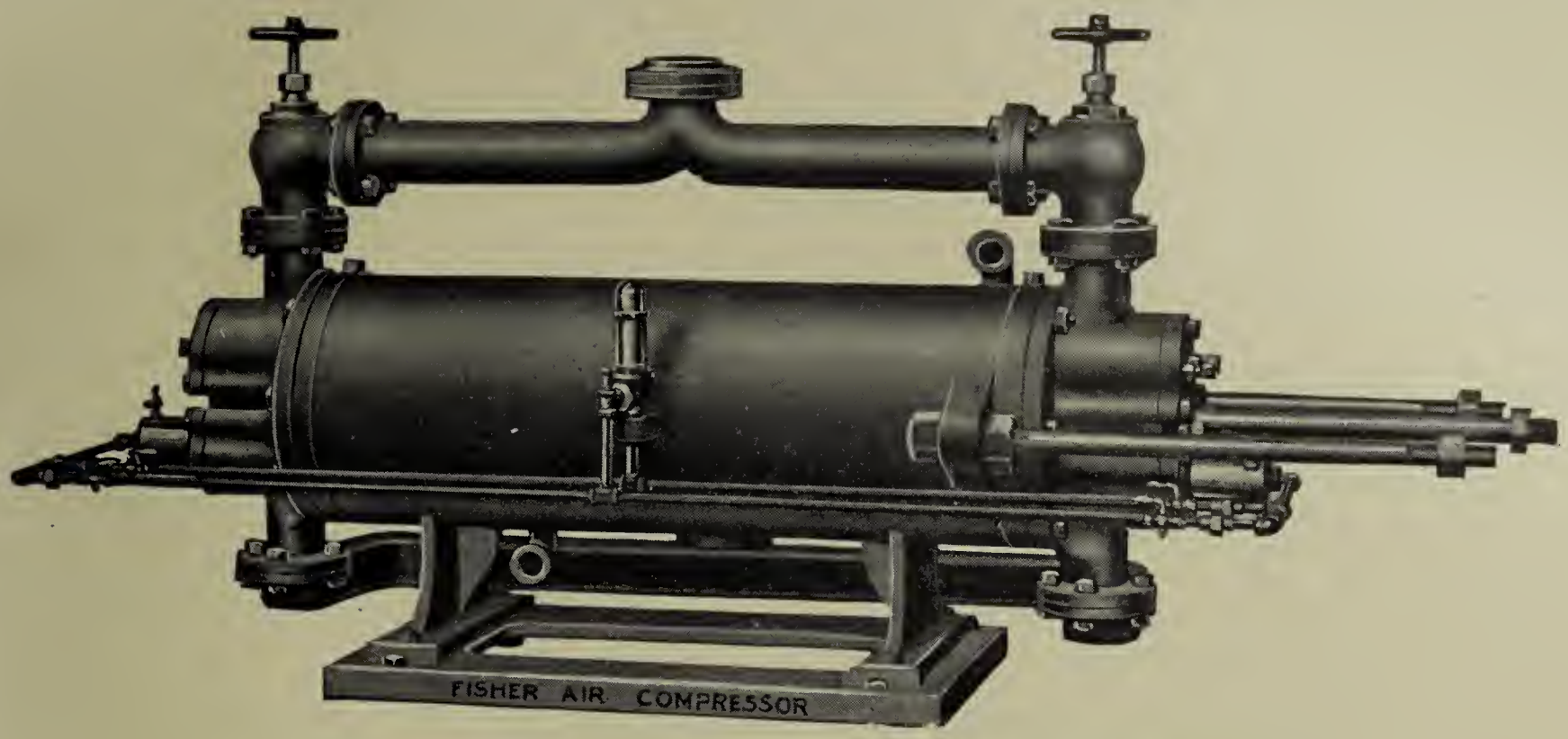
Concentrators (Surface Heating)

Bethlehem Foundry & Machine Co. ("Broome" for Chemical Works), South Bethlehem, Pa.

Concrete Binder

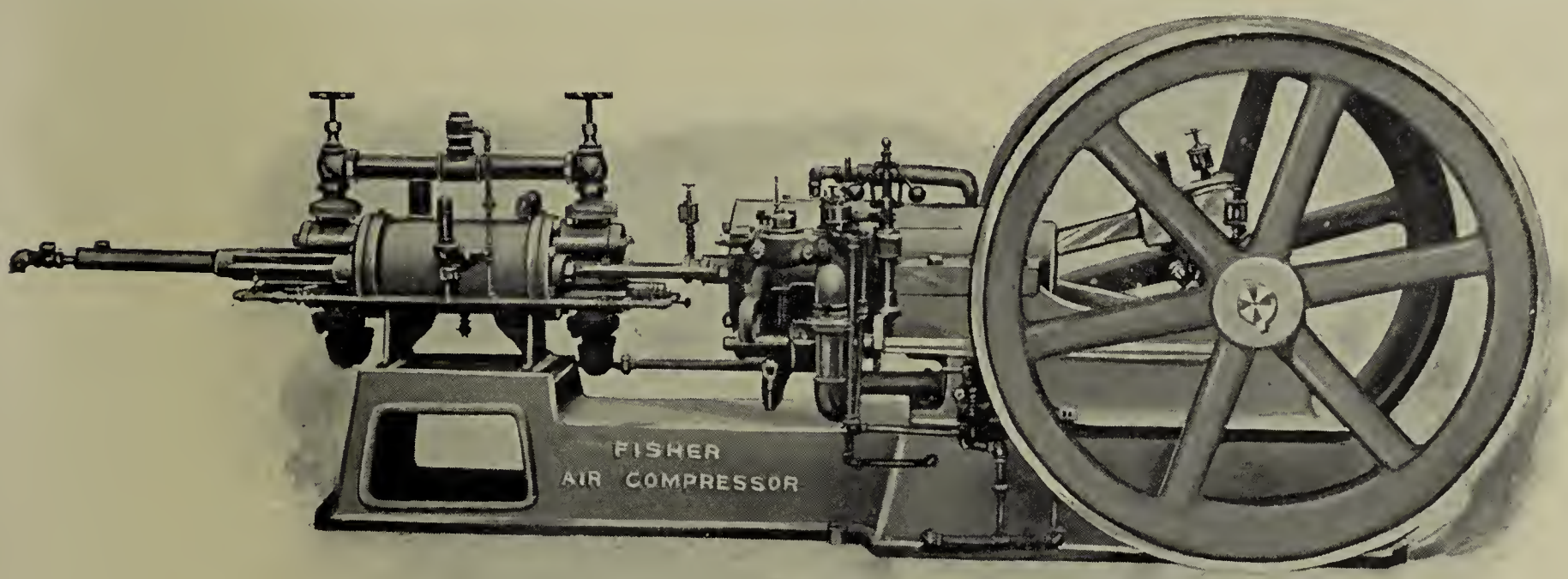
BUFFALO EXPANDED METAL CO., D. S. Morgan bldg, Buffalo, N. Y. (See adv. index, end of book)
CENTRAL EXPANDED METAL CO., 541 Wood, Pittsburg, Pa. (See adv. index, end of book)
EASTERN EXPANDED METAL CO., 101 Tremont, Boston, Mass. (See adv. index, end of book)

Fisher Air Compressor



FISHER TANDEM AIR COMPRESSOR

Can be attached tandem to any stationary engine, made in sizes to suit requirements.



FISHER GASOLINE ENGINE AIR COMPRESSOR

FOR PORTABLE AND STATIONARY WORK, SIZES FROM 5 to 60 H. P.

Hoisting Engines with Fisher Air Compressors attached tandem, is the latest type for construction work.

WRITE FOR PRICES.

CHRISTOPHER MURPHY & CO.,

204 DEARBORN STREET, CHICAGO.

THE

"American" Air Compressor

IS SUITED TO EVERY VARIETY OF WORK AND FOR ANY PRESSURE AND VOLUME REQUIRED.

HIGH GRADE, MODERATE IN PRICE.

BUILT PARTICULARLY TO OPERATE.

Chapman's : Compressed : Air : Water : Lift : System.

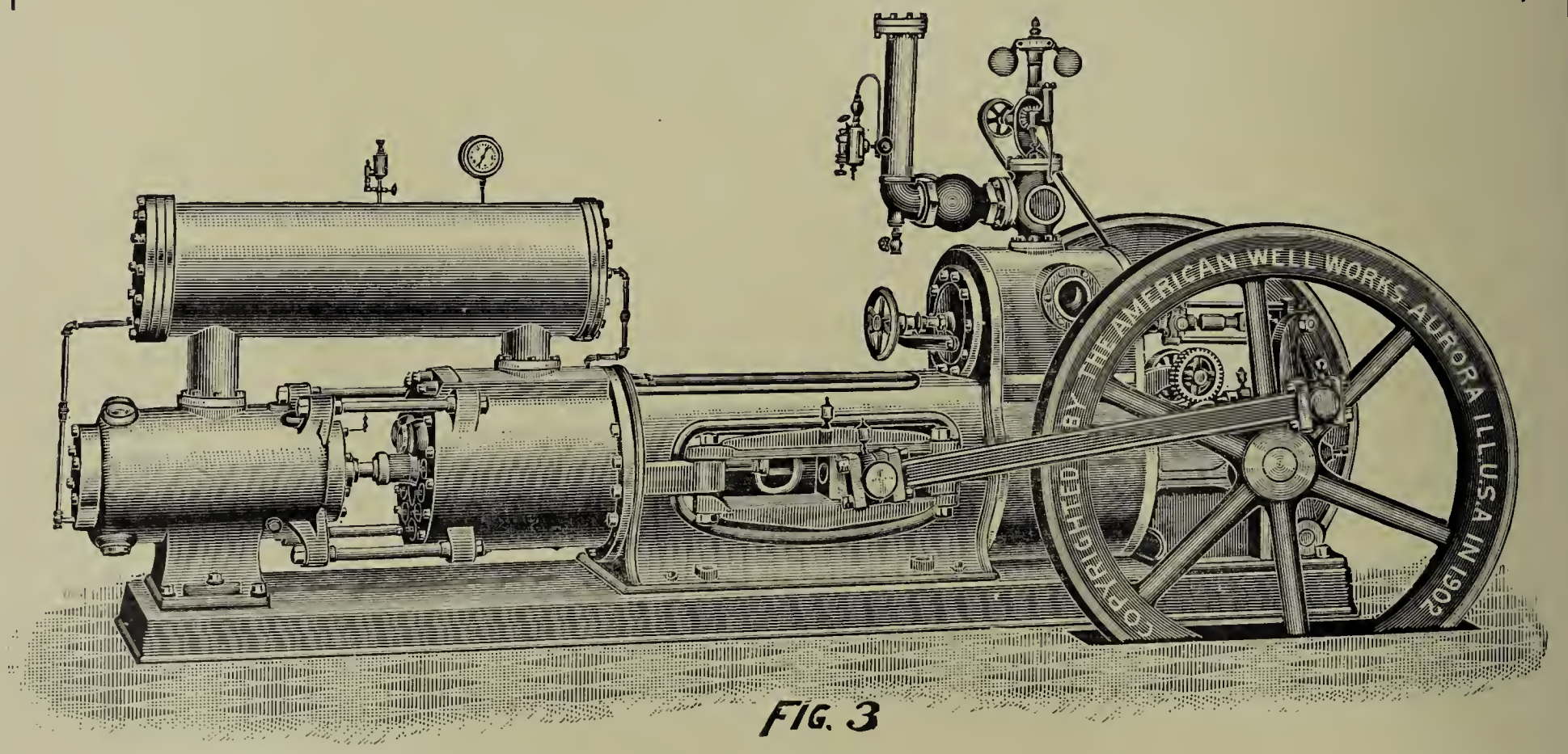


FIG. 3

Chapman's Automatic Water Intake Pump

Operated by air, used to DRAIN MINES, STONE QUARRIES, moving LIQUIDS IN MANUFACTURING PLANTS FOR SHALLOW OR HIGH LIFTS.

In writing give specifications of work you wish to do.

The American Well Works, Aurora, Ill., U. S. A.

145 W. Randolph St., CHICAGO. ***2 and 4 Stone St., NEW YORK CITY.***

British American Well Works, 145 Queen Victoria St., LONDON, E. C.

EXPANDED METAL ENGINEERING Co., 256 B'way, New York. (See adv. index, end of book)
EXPANDED METAL FIREPROOF- ing Co. of Pittsburg, 541 Wood, Pittsburg, Pa. (See adv. index, end of book)
INTERNATIONAL FENCE & FIRE- proofing Co., Buttles av, Columbus, O. (See adv. index, end of book)
MERRITT & CO., 1024 Ridge av, Phila., Pa. (See adv. index, end of book)
NORTHWESTERN EXPANDED MET- al Co., Old Colony bldg, Chicago, Ill. (See adv. index, end of book)
SOUTHERN EXPANDED METAL CO., 1237 G N W Washington, D. C. (See adv. index, end of book)
ST. LOUIS EXPANDED METAL & Fireproofing Co., Century bldg, St. Louis, Mo. (See adv. index, end of book)
TRUSS METAL LATH CO. (Kuhne's System of Reinforced Concrete), 15 Whitehall, New York. (See adv. index, end of book)
TRUSSED CONCRETE STEEL CO. (Trus-Con bar). Home Office, Union Trust New York; 612 N Calvert, Baltimore, Md.: D. S. Morgan bldg, Buffalo, N. Y.; Williamson bldg, Cleveland, O.; Chemical bldg. St. Louis, Mo.; Farmers' Bank bldg, Pittsburg, Pa., & 18 Toronto St., Toronto, Canada. (See adv. index, end of book)

Concrete Curb (Steel Bound).

Steel Protected Concrete Co. (The Wainwright) Real Estate Trust bldg., Phila., Pa.

Concrete Mixers for Export

RANSOME CONCRETE MACHINERY Co., 11 B'way, New York. (See adv. opp. next page)

Concrete Re-enforcing Materials

BROWN HOISTING MACHINERY Co. ("Ferroinclave"), Cleveland, O.; 26 Cortlandt, New York, & Pittsburg, Pa. (See adv. index, end of book)
Clinton Wire Cloth Co. (Galvanized Wire Fabrics), Clinton, Mass.; 33 Park pl, New York, & 237 Lake, Chicago, Ill.
Concrete Steel Engineering Co. ("Melan," "Thacher" & "Emperger" Steel Bars, etc.), 15 Park Row, New York
Cummings Robt. A. ("Cummings" System), House bldg, Pittsburg, Pa.
INTERNATIONAL FENCE & FIRE- proofing Co. (Steel Wire Fabric & Cables), Butles av, Columbus, O. (See adv. index, end of book)
RANSOME CONCRETE MACHINERY Co., 11 B'way, New York
ST. LOUIS EXPANDED METAL & Fireproofing Co. (Corrugated Steel Bars), St. Louis, Mo. (See adv. index, end of book)
TRUSSED CONCRETE STEEL CO. ("Trus-Con Bar"), Detroit, Mich., & 160 5th av, New York. (See adv. index, end of book)
Wight, W. N. & Co. (Lock Woven Steel Fabric), 160 5th av, New York

Concrete Steel Construction (Re-enforced)

Aberthaw Construction Co., 12 Beacon, Boston, Mass.
Ambursen Hydraulic Construction Co. (Gravity Dams, Power Houses, etc.), 176 Federal, Boston, Mass.
Baltimore Ferro Concrete Co., Baltimore, Md.
Blome, R. S. Co., Unity bldg, Chicago, Ill.
BOSTWICK STEEL LATH CO., Niles, O. (See adv. index, end of book)
BROWN HOISTING MACHINERY Co. ("Ferroinclave"), Cleveland, O.; 26 Cortlandt, New York, & Pittsburg, Pa. (See adv. index, end of book)
BUFFALO EXPANDED METAL CO., D. S. Morgan bldg, Buffalo, N. Y. (See adv. index, end of book)
CENTRAL EXPANDED METAL CO., 541 Wood, Pittsburg, Pa. (See adv. index, end of book)
Cheneoweth, A. Crawford, 7 E 42d, New York
Cleveland Cement Paving Co., Cleveland, O.
Concrete Steel Engineering Co. (Concrete Bridges, Floors, etc.), 15 Park Row, N. Y.
Cummings, Robt. A., House bldg, Pittsburg, Pa.
EASTERN EXPANDED METAL CO., 101 Tremont, Boston, Mass. (See adv. index, end of book)
Eid, L. Concrete Steel Co., Central av between Findlay & Liberty Cincinnati, O.
EXPANDED METAL ENGINEERING Co., 256 B'way, New York. (See adv. index, end of book)
EXPANDED METAL FIREPROOF- ing Co. (Ltd.), Toronto, Canada. (See adv. index, end of book)
EXPANDED METAL FIREPROOF- ing Co. of Pittsburg, 541 Wood, Pittsburg, Pa. (See adv. index, end of book)
Ferro-Concrete Construction Co., Cincinnati, O.
Filbert Paving & Construction Co., Penna. bldg, Phila., Pa.
Fosburgh Company, 6 Beacon, Boston, Mass.
Franklin Construction Co., Lippincott bldg, Phila., Pa.
General Fireproofing Co., Youngstown, O.; 156 5th av, New York; 541 Wood, Pittsburg, Pa.; Old Colony bldg, Chicago, Ill., & Colorado bldg, Washington, D. C.
Hennebique Construction Co. (Armored Concrete), 1123 Broadway, N. Y.
INTERNATIONAL FENCE & FIRE- proofing Co., Buttles av, Columbus, O. (See adv. index, end of book)
IRONSIDES CONSTRUCTION CO., 120 Liberty, New York. (See arv. index, end of book)
Jameton Jean Construction Co., Benoist bldg, St. Louis, Mo.
JONES & HAROLD, 402-404 Clare- mont av, Jersey City, N. J. (See adv. index, end of book)
Knapp Bros., 123 Franklin, Chicago, Ill.
MERRITT & CO., 1024 Ridge AV, Phila., Pa. (See adv. index, end of book)
Mensch, L. J., Monon. bldg, Chicago, Ill.
NORTHWESTERN EXPANDED MET- al Co., Old Colony bldg, Chicago, Ill. (See adv. index, end of book)
National Concrete Construction Co. ("Kahn" System), 140 W Main, Louisville, Ky.
Newton Engineering Co. ("Kahn" System), Hathaway bldg, Milwaukee, Wis.
Ransome & Smith Co., 11 Broadway, N. Y.
Reinforced Cement Construction Co., 1414 S Penn sq, Phila., Pa.
ST. LOUIS EXPANDED METAL & Fireproofing Co. (Corrugated Steel Bars), Chemical bldg, St. Louis, Mo. (See adv. index end of book)
Scofield Co., House bldg, Pittsburg, Pa., & 15 Park Row, N. Y.
SOUTHERN EXPANDED METAL CO., 1237 G, N W Washington, D. C. (See adv. index, end of book)
Steel Concrete Construction Co., 100 State, Albany, N. Y.
Steel Protected Concrete Co., Real Estate Trust Co. bldg, Phila., Pa.
Supplee Engineering Co. ("Kahn" System), Erie, Pa.
Tucker & Vinton (Steel Concrete Structures), 156 5th av, New York
TRUSS METAL LATH CO. (Kuhne's), 15 Whitehall, New York. (See adv. index, end of book)
TRUSSED CONCRETE STEEL CO. Home office, Union Trust bldg, Detroit, Mich. Branches, 160 5th av, New York; 612 N Calvert, Baltimore, Md.; D. S. Morgan bldg, Buffalo, N. Y.; Williamson bldg, Cleveland, O.; Chemical bldg, St. Louis, Mo.; Farmers' Bank bldg, Pittsburg, Pa., & 18 Toronto St., Toronto, Canada. (See adv. index, end of book)
Turner Construction Co. ("Ransome," Reinforced Steel Concrete Construction), 11 B'way, N. Y.
WEBER STEEL-CONCRETE CHIM- NEY CO., Ashland blk, Chicago, Ill. (See adv. index, end of book)
Weatherford & Cary Bros. (Plain & Reinforced), Memphis, Tenn.
WESTERN EXPANDED METAL & Fireproofing Co., San Francisco, Cal. (See adv. index, end of book)
Wight-Easton-Townsend Co., 603 W. 45th, N. Y.
Wight, W. N. & Co. (Lock Woven Steel Fabric), 100 5th av, New York

Concrete Tools

(See Tools, Paving.)

THE WESTINGHOUSE MACHINE COMPANY

EAST PITTSBURG, PA., U.S.A.

NEW YORK, U.S.A., April 9th, 1904.

S. L. Hendricks Company,
76 Elm Street, New York City.

Gentlemen:-

Your favor of the 6th inst., addressed to our East Pittsburg office, has been referred to us for attention. We are corresponding with the Haubtman & Leab Co., New Orleans, as you suggest, and wish to thank you for referring this inquiry to us.

Yours very truly,

THE WESTINGHOUSE MACHINE COMPANY.

Manager.

"NATIONAL"
Concrete Mixer
Mixes ½ yard batch in thirty seconds
ASK FOR CATALOGUE NO. 2

A. D. MACKAY & CO.
Chamber of Commerce, CHICAGO

Concrete & Mortar Mixers

ANDERSON, W. H. & SONS ("Anderson" Portable on Wheels), Detroit, Mich. (See adv. opp. next page)
BARTLETT, C. O. & SNOW CO., French st., Cleveland, O. (See adv. index, end of book)
BYERS, JNO. F., MACHINE CO., Ravena, O. (See adv. index, end of book)
Chambers Bros. Co., 52d bel Lancaster av, Phila., Pa.
Clyde Iron Works (Ball Bearing Dumps Automatically), Duluth, Minn
COCKBURN BARROW & MACHINE Co., 240 11th, Jersey City, N. J. (See adv. front colored page)
Columbus Foundry & Machine Co. ("Columbus" Dry & Wet Mixer), Columbus, O.
Contractors' Plant Co. (Portable Gravity, no other power used), 8 Oliver, Boston, Mass.
CONTRACTORS' SUPPLY & EQUIPment Co. ("Smith's"), 232 5th av, Chicago; 170 B'way, New York, & 509 W 5th. Kansas City, Mo. (See adv. opp. this page)
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y., 42 Dey, N. Y. (See adv. index, end of book)
Drake Standard Machine Works, 298 W Jackson boul, Chicago
Danning, W. D., 300 Water, Syracuse, N. Y. adv. index, end of book)
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av., St. Louis; 1217 Union av., Kansas City, Mo.; 234 E. 3rd, St. Paul; 220 Nicollet av., Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Gilbreth, Frank B., Weld bldg, Boston, Mass.
INTERNATIONAL FENCE & FIREproofing Co. ("American"), Buttles av, Columbus, O. (See adv. opp. next page)
Iriquois Iron Works, Buffalo, N. Y.
Kaltenbach & Greiss ("K. G." Cube), Williamson bldg, Cleveland, O.
JEFFREY MFG. CO., Columbus, O.; 41 Dey, N. Y., & Equitable bldg, Denver, Col. (See adv. index, end of book)
Knickerbocker Co., Jackson, Mich.
McGrath, D. W. ("McGrath" Motor Mixer), Ruggery bldg, Columbus, O.
McKELVEY CONCRETE MACHINery Co., N. Y. Life bldg, Chicago, Ill. (See (See adv. opp. this page)
MACKAY, A. D. & CO. ("National"), Chamber of Commerce, Chcago, Ill. (See adv. preceding page)
MUNICIPAL ENGINEERING & CONtracting Co., Railway Exchange bldg, Chicago, Ill., & 150 Nassau, New York. (See adv. opp. next page)
RANSOME CONCRETE MACHINERY Co. (Hand Power & Gravity), 11 B'way, New York. (See adv. opp. this page)
SHAW, WILLIS, 171 Lasalle, Chicago. (See adv. index, end of book)
Teal, Chas. A. (For Ready Mixed Mortar), 136 Ridge av, Phila., Pa.

Condensers (Ammonia)

Carbondale Machine Co., Carbondale, Pa,
Epping-Carpenter Co., Pittsburg, Pa.
Harrisburg Pipe & Pipe Bending Co., Harrisburg, Pa.
Wolf, Fred W. Co., 141 Rees, Chicago, Ill.

Condensers (Barometric)

Alberger Condenser Co., 95 Liberty, New York

Condensers (Electric)

Biddle, James G. ("Leeds"), 1114 Chestnut, Philadelphia, Pa.
Bunnell, J. H. & Co., 20 Park pl, N. Y.
Foote, Pierson & Co., 82 Fulton, N. Y.
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, N. Y. (See adv. index, end of book)
QUEEN & CO., 1010 Chestnut, Phila., Pa., & 59 5th av, New York. (See adv. index, end of book)
Warner Electric Co., Muncie, Ind.
Western Electric Co., 259 S. Clinton, Chicago & 57 Bethune, N. Y.
Willyoung & Gibson Co., 40 W. 13th, New York
Wotton Electric & Mfg. Co., Atlanta, Ga.

Condensers (Electric Telephone)

Biddle, James G. ("Leeds"), 1114 Chestnut. Phila., Pa.
Eureka Electric Co., 143 S. Clinton, Chicago, Ill.
Kellogg Switchboard & Supply Co., 225 S. Green, Chicago, Ill.
Sterling Electric Co., Lafayette, Ind.
Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y., & 70 W. Jackson boul., Chicago, Ill.
Swedish-American Telephone Co., 71 W. Jackson boul., Chicago, Ill.
Wotton Electric & Mfg. Co., Atlanta, Ga.

Condensers (Gas)

(See also Gas Works Apparatus & Construction.)

Bartlett, Hayward & Co., Baltimore, Md.
Continental Iron Works, West & Cayler, Brooklyn, N. Y.
Isbell-Porter Co., 245 B'way, N. Y.
Kerr-Murray Mfg. Co., Fort Wayne, Ind.
Stacey Mfg. Co., 239 Mill, Cincinnati, O.
Wood, R. D., & Co., 400 Chestnut, Phila., Pa.

Condensers (Ice Machine)

Goubert Mfg. Co., 85 Liberty, New York.
TRIUMPH ICE MACHINE CO., 610 Baymiller, Cincinnati, O.

Condensers (Steam)

Alberger Condenser Co., (Jet, Surface, Self-Cooling, Etc.), 95 Liberty, New York.
Allis-Chalmers Co. ("Reynolds" Air Pump & Condenser), Chicago, Ill., & 71 B'way, New York. Works, Chicago, Milwaukee & Scranton, Pa.
Baragwanath, Wm., & Son, 52 W. Division, Chicago.
Barr Pump Co., Gt'n Junction & 55 N 7th, Philadelphia, Pa.
Blake, W. H., Steam Pump Co., Fitchburg, Mass.
Buffalo Steam Pump Co. (Jet, Surface, Etc.), North Tonawanda, N. Y.
Bulkley, Henry W., 141 B'way, N. Y.
Conover Mfg. Co. (Jet, Etc.), Princeton av., Jersey City, N. J.
Cooper, C. & G. Co. (for large plants), Mt. Vernon, O.
Cosmopolitan Power Co., 184 LaSalle, Chicago, Ill.
Dean Bros. Steam Pump Works (Jet & Surface), Indianapolis, Ind.
Epping-Carpenter Co., 41 st & A. V. Ry, Pittsburg, Pa.
Eynon-Evans Mfg. Co., 1519 Clearfield, Philadelphia, Pa.
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av., St. Louis; 1217 Union av., Kansas City, Mo.; 234 E. 3d, St. Paul; 220 Nicollet av., Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Ore.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
FILER & STOWELL CO., Milwaukee, Wis. (See adv. index, end of book)
Flynn, W. S., 74 Hudson, Jersey City, N. J.
Great Lakes Engineering Works, Rivard & Detroit River, Detroit, Mich.
International Steam Pump Co. ("Blake-Knowles"), 114 Liberty, N. Y.
Jeansville Iron Works Co., Hazelton, Pa.
McGowan, Jno. H., Co., Cincinnati, O. adv. index, end of book)
MINNEAPOLIS STEEL & MACHINery Co. ("Twin City"), Minneapolis, Minn. (See adv. index, end of book)
National Foundry & Machine Co. (And Air Pumps), Louisville, Ky.
National Steam Pump Co., Upper Sandusky, O.
Nordberg Mfg. Co., Milwaukee, Wis.
Platt Iron Works Co., Dayton, O., & 93 Liberty, New York
Schutte, L., & Co., 1251 N. 12th, Philadelphia, Pa.
Scranton Steam Pump Co. (Jet Condensers & Pumps), Scranton, Pa.
Snider-Hughes Co., Sheridan & C. P. R. R., Cleveland, O.
Southwark Foundry & Machine Co., Philadelphia, Pa.
Springfield Elevator & Pump Co., Springfield, Mass.
Stewart Heater Co., Buffalo, N. Y.
Taunton Locomotive Mfg. Co. ("Wainwright"), Taunton, Mass.
Thropp, Jno. E. Sons Co., Trenton, N. J.
TRIUMPH ICE MACHINE CO., 610 Baymiller, Cincinnati, O.
Vulcan Iron Works, 63 Milwaukee av, Chicago, Ill.
Warren Steam Pump Co., Warren, Mass.
Wheeler Condenser & Engineering Co. (Surface, etc.), 42 B'way, New York
Whitlock Coil Pipe Co., Hartford, Conn.
Wilkinson Mfg. Co., Bridgeport, Pa.
Wood, R. D., & Co., 400 Chestnut, Phila., Pa.

Condensers (Surface)

(See Condensers, Steam.)

Condensing Plants (Weiss Central)

Southwark Foundry & Machine Co., Passyunk Station, Phila., Pa.

Conductor Pipe & Eave Trough Mfrs.

(Transfered to Page 1276)

Conduit Manhole Tops

Davison, Orrin H., 103 W Monroe, Chicago, Ill.
Greger Mfg. Co. (Electrical), 22d & Wash'n av, Phila., Pa.

Conduit Underground Wiring & Cleaning

Cope, T. J., & Co., 136 S. 4th., Phila., Pa.

Conduits

Alphaduct Mfg. Co. ("Fireproof Fibre Flexible Interior"), 522 W. 22d, New York.
American Circular Loom Co.. (Flexible Interior), Chelsea, Mass., & 128 W. Jackson boul., Chicago, Ill.
American Clay Co., Keystone bldg., Pittsburg, Pa.
American Conduit Co. (Bituminized Fibre, Electrolysis Proof for Underground Construction), 170 B'way New York; Manhattan oldg, Chicago; Chester, Pa., & Los Angeles, Cal.
American Conduit Mfg. Co., (Electric Wire), 210 Market, Pittsburg, Pa. Works, New Kensington, Pa.
American Creosoting Works (Creosoted for Underground Wires, etc.), New Orleans, La.
American Sewer Pipe Co., Bessemer bldg, Pittsburg, Pa., & 30 Broad, N. Y.
American Vitrified Conduit Co. (Vitrified Salt Glazed, Interior & Underground), 170 B'way, N. Y.
Camp, H. B., Co. (Vitrified Clay), 170 B'way, N. Y., & 140 Dearborn, Chicago, Ill.
Clifton Mfg. Co., 220 Devonshire, Boston, Mass.
Cope, T. J., 3244 N 15th. Phila., Pa.
Flexible), Franklin, Pa.
Crown Fire Clay Co. (Fire Clay), Akron, O.
Cummings Conduit Co. (Clay), Union Trust bldg., Detroit, Mich.
Cuningham Iron Co. (Wrought Iron), c Sumner, B & Fargo, Boston, Mass.
Davis & Thomas Co. (Cast Iron), Catasauqua, Pa.
Delaware Hard Fibre Co. (Fibre), Wilmington, Del.
EPPINGER & RUSSELL CO. ("Valentine" Creosoted for Underground Wires, etc.), 69 Broad, New York; 1st & East av, Long Island City, N. Y., & Dyall Upchurch bldg, Jacksonville, Fla. (See adv. index, end of book)
Evens & Howard Fire Brick Co. (Clay), St. Louis, Mo.
Federal Clay Mfg. Co. (Vitrified Clay), 170 B'way, New York
Fibre Conduit Co. (Fibre), Orangeburg, N. Y.
Field, C. J. (Clay, all types), 29 B'way, New York
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, New York. (See

THE SMITH MIXER

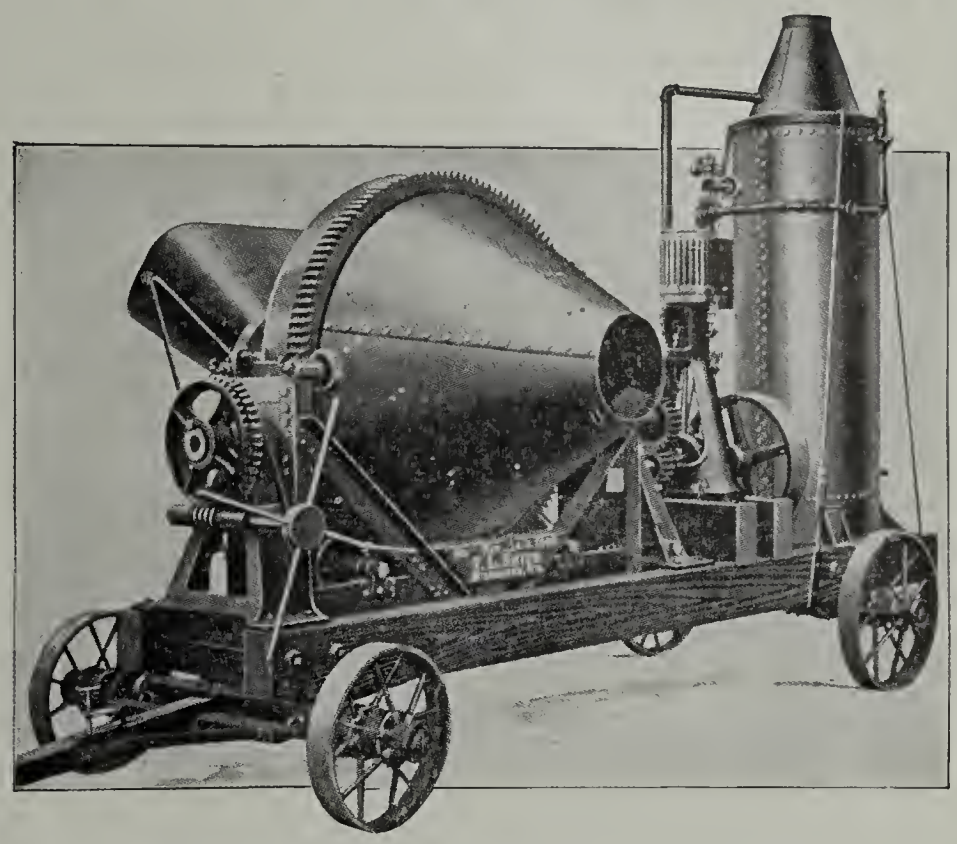
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Saves Its Cost in Thirty Days.
Nearly 1,000 in Use. All Giving Perfect Satisfaction

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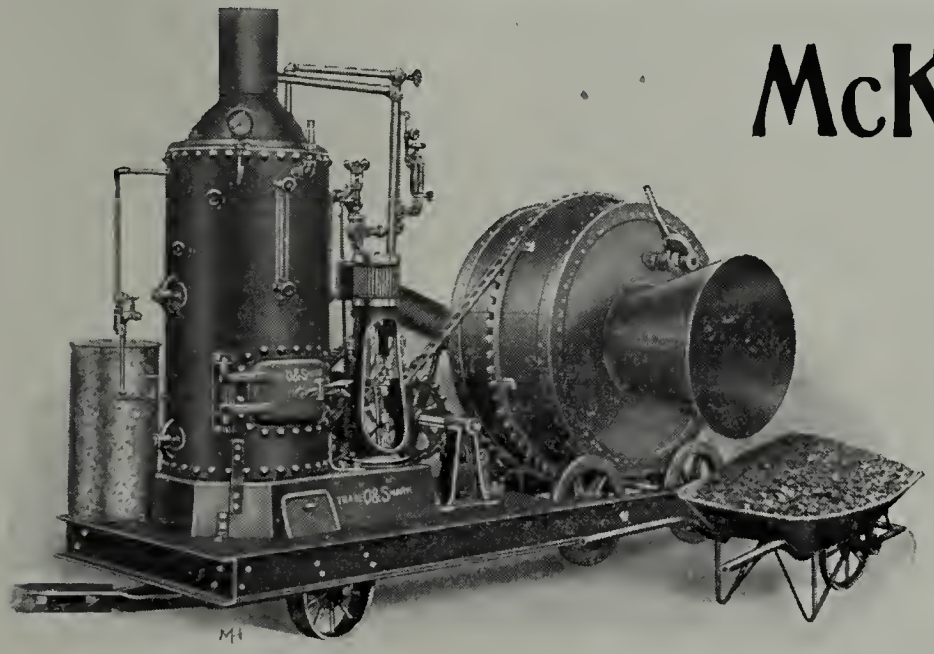
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509 West Fifth Street, Kansas City, Mo.
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The Wm. Pattison Supply Co., Cleveland, Ohio.
Henshaw Bulkley Co., San Francisco and Seattle



Mixer on Trucks with Engine and Boiler.



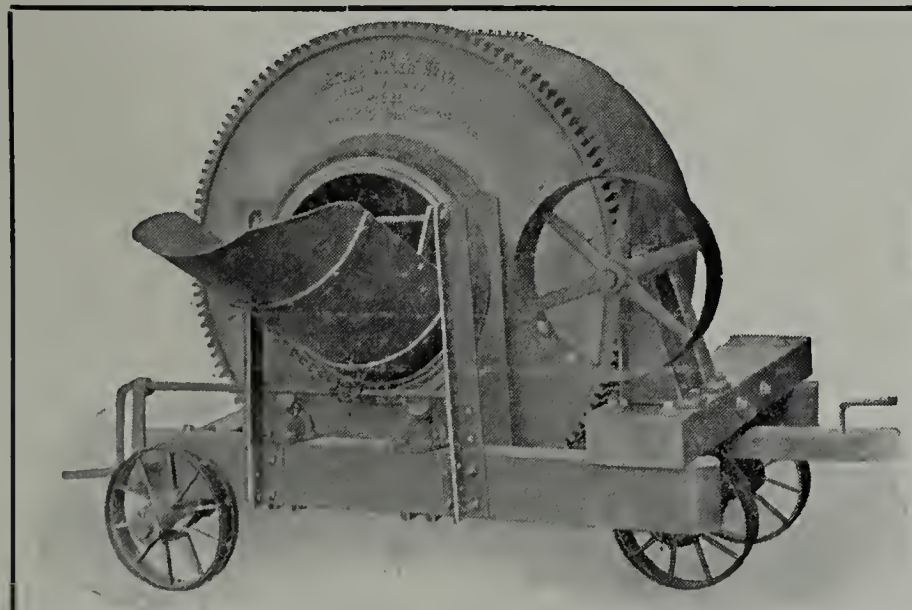
McKelvey Concrete Mixers

BATCH and CONTINUOUS
ALL SIZES.

Write for Particulars.

McKelvey Concrete Machinery Co.

New York Life Bldg., CHICAGO



Ransome Concrete Mixers

combine with the highest efficiency an economy greater than is attained by any other machine.

RANSOME CONCRETE MACHINERY COMPANY,

Concrete Machinery and Appliances, Twisted Steel

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OUR AGENTS CARRY STOCK

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The BEST BATCH MIXER EVER MADE

The American Concrete Mixer

Simple, Strong, Durable, Effective and Thorough

MOST ECONOMICAL TO OPERATE

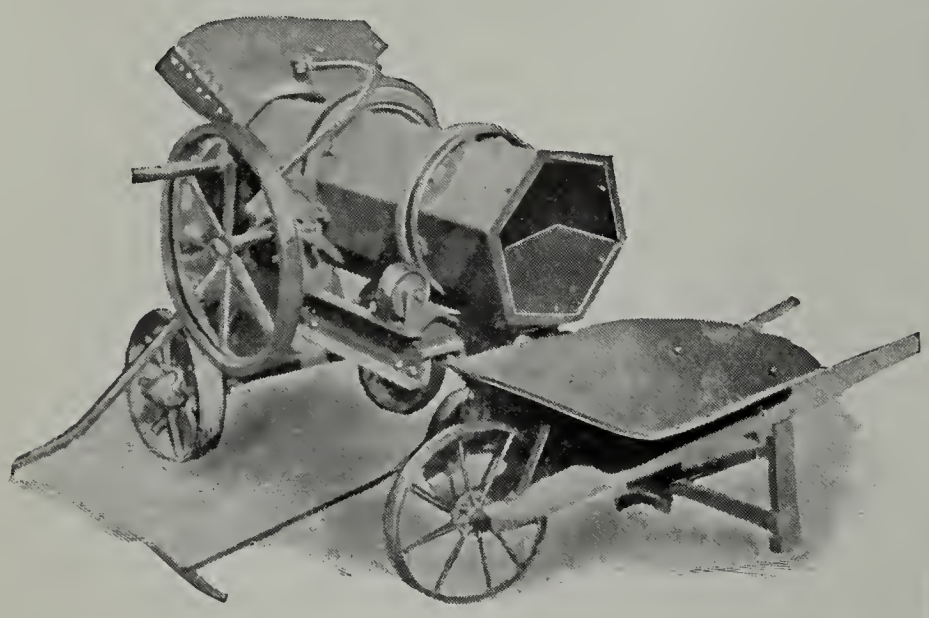
Does not roll, churn nor grind the materials, but MIXES them in the most complete manner and in the shortest possible time.

COMPLETE YOUR PLANT BY ADDING AN UP-TO-DATE MACHINE

MANUFACTURED BY

THE INTERNATIONAL FENCE & FIREPROOFING CO.

DEPT. "M" **COLUMBUS, OHIO**



IT'S THE

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ANDERSON

Concrete Mixer

THAT MAKES IT SUCCESSFUL.

EASY TO RUN, EASY TO BUY,
EASY TO KEEP CLEAN.

W. H. ANDERSON & SONS,

276-300 GUOIN ST., DETROIT, MICH.

FOUNDED 1802

WM. B. SCAIFE & SONS CO.

WORKS AT OAKMONT, PA. ON A.V.R.R.

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RANGE BOILERS, TANKS, STACKS, ICE CANS, CORRUGATED IRON,
HIGH PRESSURE CYLINDERS,
WATER FILTERS & WATER PURIFYING PLANTS,

OFFICES 221 FIRST AVE. PITTSBURGH, PA.

PITTSBURGH, PA.

Nov. 16th, 1903

The S.E.Hendricks Co.,

76 Elm St.,

New York, N.Y.

Gentlemen:-

Please accept our thanks for your favor of the 14th inst. referring us to several concerns in the manufacture of Welded Tubes. We will take pleasure in communicating with some of these parties; and thanking you for past favors, we remain

Yours very truly,

WBS-P.

WM. B. SCAIFE & SONS CO.
W. B. Scaife
Genl. Mgr.

Selling Agents for UTICA PIPE FOUNDRY CO., Cast Iron Gas and Water Pipe and Cast Iron Soil Pipe and Fittings.

CHARLES MILLAR & SON CO.

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WHOLESALE EASTERN AGENTS FOR AKRON SEWER PIPE.

UTICA, N.Y. Nov. 28, 1904.

S.E.Hendricks Co.,

76 Elm St., New York.

Gentlemen:-

We have your favor of the 26th, advising us as to the name of the manufacturere of the Log Augere. We wish to thank you for your kind attention to this matter, and assure you that it is appreciated.

Youre truly,

CHAS. MILLAR & SON CO.



The Chicago Improved Cube Concrete Mixer.

THE MACHINE OF QUALITY.

"It has no insides." Nothing to clog. No expense for cleaning. Batch mixer of best type. Charged and discharged while running without lessening speed. Stationary or portable, in several sizes. Equipped with steam, gasoline or electric power.

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INTERIOR CONDUIT

FOR ELECTRIC WIRING.

Complete Systems including Iron-armored and Flexible Metallic Conduit, Flexible Steel-armored Conductors and Steel-armored Flexible Cord. For each type of Conduit, etc., there is a full line of junction boxes, fittings and tools.

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Michigan Pipe Co. (Creosoted Wood), Bay City, Mich.
Montagne & Co. (Clay), Chattanooga, Tenn.
National Conduit & Cable Co., 41 Park Row, New York; The Rookery, Chicago, Ill., & Boston, Mass.
NATIONAL FIRE PROOFING CO. Vitrified Glazed), Bessemer bldg, Pittsburg, Pa.; 170 B'way, New York; Land Title bldg, Phila., Pa.; Old South bldg, Boston, adv. index, end of book)
Osborn Flexible Conduit Co. ("Flexduck." Flexible), 15 Park row, New York
PIONEER FIRE PROOFING CO. (Underground), 204 Dearborn, Chicago, Ill. (See adv. index, end of book)
Pittsburg Sewer Pipe & Conduit Co. (Vitrified Salt Glazed), Pittsburg, Kans.
Potomac Terra Cotta Co. (Vitrified Salt Glazed Terra Cotta), Corcoran bldg., Washington, D. C.
Rittenhouse-Miller Co. ("Eureka" Flexible Waterproof Interior), N 12th & Buttonwood, Phila., Pa.
Safety-Armorite Conduit Co. (Iron Armored, Flexible Metallic Interior), Bailey-Farrell bldg, Pittsburg, Pa. Works, Rankin sta., Pa.
Scranton Fire Brick & Conduit Co. (Vitrified), Scranton, Pa., & Ithaca, N. Y.
SPRAGUE ELECTRIC CO. (Interior Iron Armoured, Brass Armored, Flexible Metallic & Unarmored), 527 W 34th, New York. (See adv. index, end of book)
Standard Sewer Pipe Co. (Vitrified Clay), Rochester, N. Y.
Standard Vitrified Conduit Co. (Vitrified Salt Glazed), 39 Cortlandt, N. Y.
Stevens, H., Sons' Co. (Clay for Tel. & Telegraph Lines), Macon, Ga.
TRUSSED CONCRETE STEEL CO. (Reinforced Concrete). Home office, Union Trust bldg, Detroit, Mich. Branches, 160 5th av, New York; 612 N Calvert, Baltimore, Md.; D. S. Morgan bldg, Buffalo, N. Y.; Williamson bldg, Cleveland, O.; Chemical bldg, St. Louis, Mo.; Farmers' Bank bldg, Pittsburg, Pa.; 18 Toronto St., Toronto, Canada. (See adv. index, end of book)
Walworth & Neville Mfg. Co. (Creosoted Pine), 84 Van Buren, Chicago, Bay City, Mich.; Norfolk, Va.; Port Blakely, Wash.
Western Vitrified Conduit Co. (Vitrified Salt Glazed), Kansas City, Mo.
Williamsport Wooden Pipe Co. (Underground), Williamsport, Pa.
Wyckoff Pine & Creosoting Co. (Creosoted for Underground Wires), Stamford, Conn., & Portsmouth, Va.

Conduits (Metallic Flexible)

Coffin-Megeath Supply Co., Franklin, Pa.
Holland Co. ("Martins" Supplanting Rubber Hose for Steam, Air, Etc.), 77 Jackson boul., Chicago

Cones (Blacksmiths')

Illinois Iron & Bolt Co., Carpenterville, Ill.

Cones (Friction)

(See Pulleys, Friction Cone.)

Cones (Logging)

Flory, S. Mfg. Co., Bangor, Pa.
LIDGERWOOD MFG. CO., 96 Liberty, New York, & Old Colony bldg, Chicago. (See adv. front colored page)

Connections (Boiler)

Republic Gas Stove & Grill Co. ("Republic" for Brass or Lead Pipe), Worcester, Mass.

Connections (Closet Repair)

Leather & Brass Mfg. Co., Auburn, N. Y.

Connections (Rubber)

Morgan & Wright (Inc.), 19 N May, Chicago, Ill.

Connections (Siamese)

Milwaukee Brass Mfg. Co. (With Automatic valve, for Fire Escapes, Stand Pipes, Bath, etc.), Milwaukee, Wis.

Connections (Slip Joint)

Wolverine Brass Works, Grand Rapids, Mich.

Connectors (Trailer)

Central Union Brass Co., 11th & Mullanphy, St. Louis, Mo.
Garton, W. R. Co., 118 W. Jackson Boul., Chicago, Ill.
Lang, J., Electric Co., 176 E Indiana, Chicago,
Ohio Brass Co., Mansfield, Ohio.
Turner Brass Works, Franklin & Michigan, Chicago, Ill.

Connectors (Trolley Wire)

Johns-Manville Co., H. W., 100 William, N. Y., & Milwaukee, Wis.
Kisinger-Ison Co., 466 Pioneer, Cincinnati, O.
Ohio Brass Co., Mansfield, O.

Connectors (Wire, Etc.)

American Electric Fuse Co., 48 W. Jackson boul., Chicago, Ill.
Ansonia Electrical Co., Ansonia, Conn.
Atkinson, J. M., Co., 2427 Calumet av., Chicago, Ill.
Bridgeport Brass Co., Bridgeport, Conn.
Burt & Tobey, New Bedford, Mass.
Chicago Die & Electric Co., 87 W. Lake, Chicago, Ill.
Emerson Electric Mfg. Co., 718 St Charles, St Louis, Mo.
Electric Gas Lighting Co., 115 Purchase, Boston, Mass.
Jones, J., & Sons, 62 Vesey, New York
McIntire, C., Co., Newark, N. J.
Manhattan Electrical Supply Co., 32 Cortlandt, N. Y.
Ostrander, W. R. & Co., 22 Dey, N. Y.
Partrick, Carter & Wilkins, 1231 Callowhill, Phila., Pa.
Springfield Electrical Mfg. Co., Springfield, Mass.
Stuart-Howland Co., 281 Devonshire, Boston, Mass.
Trumbull Electric Mfg. Co., Plainville, Conn., & New York
Turner Brass Works, Michigan & Franklin, Chicago, Ill.
Veeder Mfg. Co., Hartford, Conn.

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(See Cement & Concrete Pavements.)

Contractors (Asphalt Paving)

(See also Cement & Concrete Pavements.)
(Also Contractors—General.)

CALIFORNIA.

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Densmore-Stabler Refining Co. (Street)
Scheerer & Co., 121 W. 3d
Standard Asphalt Co.
OAKLAND—Hillhouse & Reardon
Oakland Paving Co.
Piedmont Paving Co.
SAN FRANCISCO—Alcatraz Asphalt Paving Co. (Street), 124 Sansome
Barber Asphalt Paving Co. (Street, etc.), 124 Sansome
Bell, Jno., 743 B'way
California Asphalt Paving Co., 220 Montgomery
California Asphaltum & Bitumen Co., 632 Market
City Street Improvement Co., Mills bldg
Deaver, Edw. J., 13 Rondel pl
Flaherty, Richard, 29 New Montg'y
Higgs, Thos., 807 Jackson
Irvine & Co., 1170 Mission
McCoy, Alex., 1123 Market
Pacific Paving Co. (Street), Phelan bldg.
Pacific Refining & Roofing Co., 113 New Montgomery
Peltier, Jno. & Co., 1188 Mission
Pioneer Asphaltum & Artificial Stone Co., 614 Commercial
San Francisco Paving Co., 26 Montgomery
Scheerer, Jos. & Co., 10th & Brannan
Schottler, H. & Co., 605 Clay
Standard Roofing Co., 35 Post
Union Construction Co., 219 Montg'y

COLORADO.

DENVER—Colorado Paving Co. (Street, etc.), 17th c Curtis
Hughes & Stewart, Continental bldg
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Western Realty & Paving Co. (Street, etc.), Opera House blk

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Burns & Co., 83 Fairfield av
Kelley, Jas. E., 1024 Main
Sillinian & Godfrey Co. (Street, Etc.), 1119 Broad
Williams & Dewhirst Co., 991 Broad
BRISTOL—Pierson Martin E.
HARTFORD—Clarke, E. W., & Son, 32 Village
Hartford Paving & Construction Co.
Southern N. E. Paving Co.
Watson & Jackson, 283 Sheldon
NAUGATUCK—Dunn, Jer. H., 281 Water
NEW HAVEN—City Point Concrete Co.
Conn. Concrete Co., 49 Church
Coyne Bros. Concrete Co., 250 Blatchley av
Doolittle, Jno. A. & Co., 179 Church
Humphrey, Jno., 69 Winchester av
Kelley, Jas. E. & Son
NEW LONDON—Burch, H. O. Contracting & Mfg. Co., 6 Truman
WATERBURY—Byrnes, Matthew J., N Main, opp. City Mills
Excelsior Concrete Co., 8 Baldwin av
McGrath & Son, 26 Magill
Waterbury Concrete Co., 19 Field

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Colburn Paving Co., Bond bldg
Washington Asphalt Block & Tile Co., S Capitol & R, S E

GEORGIA.

ATLANTA—Murphy, C. P., & Son, Austell bldg.
Southern Roofing Co. (Asphalt Floors)

ILLINOIS.

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Dolese Bros. Co., 78 LaSalle
Dillon, Conlan & Co., 172 Wash'n
Duffy, Jos. J. & Co. (Street, Etc.), 138 Wash'n
Fulton, J. L. & Co., Monadnock bldg
Hoeffer & Co., Cham. of Com. bldg.
McArthur Bros. Co. (Street, Etc.), 277 Dearborn
Perkins, E. B., 663 Flournoy
Powell-West Co., 204 Dearborn
Sackley, Jas. A., Co., Cham. of Com. bldg.
Schillinger Bros. Co., 194 N Morgan
Simpson Construction Co. (Street, Etc.), Cham. of Com. bldg.
Smith & Brown, 78 LaSalle
Wheeler, W. W. Co., 154 W. Wash'n
Witt, Aug., 145 La Salle
PEORIA—Hudson, Wm. V., 400 Franklin
Janssen, G. & Sons, 230 Dechman

INDIANA.

COLUMBUS—Keller, C. M. & Co.
EVANSVILLE—Anchor Roofing & Paving Co.
FT. WAYNE—Ft. Wayne Roofing & Paving Co.
INDIANAPOLIS—Barber Asphalt Paving Co. (Street, Etc.), 925 E Vermont
Capitol Paving & Construction Co., Hubbard blk
Granite Bituminous Paving Co., Fitzgerald bldg.
Hoosier Construction Co., Fitzgerald bldg
National Bitumen Co., Miley av, & Walnut
Symmes, H. H., & Co., Board of Trade bldg.
LAFAYETTE—Boyle Mfg. Co.
Western Construction Co. (Street, etc.)
MARION—Barber Asphalt Paving Co. (Street, Etc.)
TERRA HAUTE—Voorhees, J. E. & Co. (Street, Etc.)

IOWA.

CEDAR RAPIDS—Doherty Construction Co.
DES MOINES—Barber Asphalt Paving Co.
DUBUQUE—Key City Roofing Co.
SIOUX CITY—Barber Asphalt Paving Co.
Houx, Frank T. Co.

KENTUCKY.

LOUISVILLE—American Standard Asphalt Co. (Street, Etc.), 1st & A
Barber Asphalt Paving Co. (Street, etc.), 347 5th
Kentucky Rock Asphalt & Paving Co., 445 W Main
National Roofing & Supply Co., 140 Main

LOUISIANA.

NEW ORLEANS—Barber Asphalt Paving Co. (Street, Etc.), Hennen bldg.
Calongne & Sargent, 1231 Magnolia
Catrano, Jno., 1022 Toulouse
Chevalier Pavement Co. (Street, etc.), 523 St. Louis
Dupuy, Edw., 4010 Tchoupitoulas
Fath, Philip, 840 Union
Jahncke, F. (Schillinger's), 816 Howard av
Louisiana Improvement Co., Hennen bldg
Sicilian Asphalt Paving & Contracting Co., 312 Gravier

MARYLAND.

BALTIMORE—Filbert Paving Construction Co. (Street, etc.), 1210 Block
International Pavement Co. (Street, Etc.), Equitable bldg
Maryland Pavement Co. (Street, Etc.), Equitable bldg
Thormann, Jno. H. & Co., 12 McClellan

MASSACHUSETTS.

BOSTON—Barber Asphalt Co. (Street, etc.), 161 Devonshire
Boston Asphalt Co. (Street, Etc.), 51 Kilby
Carr & Andrews Corp., 101 Tremont
Gore, H. & Co., 54 Kilby
Harris, Chas., 70 Kilby
Hind, Thos. J., 19 Milk
Jones & Meehan, 1 Beacon
Libby, A. A. & Co., 17 Milk
Murtfeldt, W. A. Co., 31 Milk
Simpson Bros.' Corporation, 166 Devonshire
Taylor, E. R., & Co., 164 Federal
Warren Bros. Co. (Street, etc.), 93 Federal
FALL RIVER—Archard, Richard J., 60 Murray
Beesley, J. W., 561 Birch
Cash, Henry N., 522 Slade
Williston, Chas. H., 171 Pleasant
HOLYOKE—Grant, Jno. H.
LOWELL—Smith, E. A. & A. T.
MALDEN—McDonald, Daniel, 66 Winter
NEW BEDFORD—Perkins, A. W., & Co. (Sidewalk & Cellars)
PITTSFIELD—Healey, Thos. J. (Floors, Etc.)
Sears, J. H. & Son
TAUNTON—Black, Wm. R., 32 Union
WEST MEDFORD—Bragdon, Louis G.
WORCESTER—Carr, Geo. W. Co., 518 Main
Jenks, H. L. & Son, 17 Freeland
Kiely, Jas. J., 74 Thomas
Power, N. R. & Co., 10 Merrifield

MICHIGAN.

DETROIT—Barber Asphalt Paving Co. (Street, etc.), Hammond bldg
California Asphalt Paving Co., Hammond bldg.
Central Bitulithic Paving Co. (Street, etc.), Majestic bldg
Guelich, O. E. C., Hammond bldg
Union Paving Co., 420 Mich av
Western Rock Asphalt Paving & Roofing Co., Illinois & D. G. H. & M. Ry.
GRAND RAPIDS—Reynolds Roofing Co.

MINNESOTA.

MINNEAPOLIS—Barber Asphalt Paving Co. (Street, Etc.)
Crittenden Roofing & Mfg. Co.
ST. PAUL—Fielding & Shepley, 217 W University av

MISSOURI.

KANSAS CITY—Barber Asphalt Paving Co. (Street, Etc.), New Nelson bldg.
Boyd, R. J. & W. M. Construction Co., Heist bldg
Edwards, W. M., Mass bldg
Parker-Washington Co., 2309 Penn av
ST. LOUIS—Asphalt & Granitoid Construction Co., 2429 S B'way
Barber Asphalt Paving Co. (Street, Etc.), Holland bldg.
Fehlig, J. Frank, 3500 Hickory
Fruin-Bambrick Construction Co., Chemical bldg
Gilsonite Construction Co. (Street, Etc.), 721 Wainwright bldg
Gilsonite Roofing & Paving Co., Wainwright bldg.
Grund, P. C. & Bro., Granite blk
Heman Construction Co., Fullerton bldg
Hill-O'Meara Construction Co., 105 N 7th
Rowland, Jos. H., 820 Chestnut
Ruecking, H., & Co., Marine av & Gasconade
Skrainka Construction Co., 319 N 4th
Trinidad Asphalt Mfg. Co., 320 S 21st
Voigt, August, 1806 Dolman

NEBRASKA.

OMAHA—Barber Asphalt Paving Co. (Street, Etc.), Bee bldg.
Grant Paving Co., 308 Bee bldg
Murphy, Hugh, Bee bldg.
National Roofing Co., Ware blk.

NEW HAMPSHIRE.

MANCHESTER—Robie Consolidated Concrete Co., 936 Elm
NASHUA—Nashua Concrete Co.
Osgood Construction Co.
Tardif & Bellavance

NEW JERSEY.

CAMDEN—Krause, Wm. & Son, 111 Market
Ward, Aaron, 821 S 8th
HARRISON—Metropolitan Asphalt Paving Co.
JERSEY CITY—Barber Asphalt Paving Co., 259 Wash.
Commonwealth Roofing Co., Grove c 19th
Trinidad Bituminous Asphalt Co., 81 Pollock av
Uvalde Asphalt Paving Co., 2 Greene
MAURER—Barber Asphalt Paving Co. (Street, etc.)
NEWARK—Barber Asphalt Paving Co. (Street, Etc.), Strauss bldg.
Commonwealth Roofing Co., 17 Division
Empire Asphalt Co. (Street), 763 Broad
Essex Asphalt & Contracting Co., 141 Halsey
New York Roofing Co., 19 Division
Standard Paving Co., 22 Clinton
TRENTON—Fell, Henry R., 611 Broad

NEW YORK.

ALBANY—Ackroyd, Jas. & Sons. 10 James
Davenport, S. J. & Co., Tweddle bldg
Macnee & Rabe, 659 B'way
BUFFALO—Argentic Paving Co., 402 Breckenridge
Barber Asphalt Paving Co. (Street, Etc.), 880 Ellicott Sq.
Burgard, Henry P. (Street, etc.), Prudential bldg
Climax Paving Co., 74 Riverside av
Cockburn Bros. Co., Bldrs.' Ex.
Crescent Pavement, Erie Co. Bank bldg
German Rock Asphalt & Cement Co. (Street, Etc.), D. S. Morgan bldg
Gipp, L. H., 531 Ellicott sq
Wisdom Paving Co., 7th c Wilkeson
COHOES—Barber Asphalt Paving Co. (Street, Etc.)
ELMIRA—Costello & Neagle
HASTINGS—Hastings Pavement Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Comins, A. B., 45 Waverly
Concrete Asphalt Paving Co., 84 B'way
Cranford Co., 52 9th
Eastern Bermudez Asphalt Paving Co., 26 Court
Interstate Paving Co., 44 Court
Mock, Isidor, 89 DeBevoise
Uvalde Asphalt Paving Co., 26 Court

Borough of Manhattan & Bronx.

NEW YORK—Asphalt Construction Co., Madison av. & 137th
Barber Asphalt Paving Co. (Street, Etc.), 114 Liberty
Boorman, T. Hugh, 32 B'way
Commonwealth Roofing Co. (Asphalt Floors & Watertight Cellars), 17 Battery pl
Continental Asphalt Paving Co. (Street, Etc.), 32 B'way
Denton & Co., 42 E 23d
Eadie, J. M. Co., 1 Madison av
Empire Paving & Construction Co., 11 B'way
Fruin-Bambrick Paving Co., 114 Liberty
Hastings Pavement Co., 25 Broad
Hilgers, Wm., Co., 202 W 101st
Knoche, Gottfried, 516 E. 72d
MacArthur Bros. Co., 11 Pine
Naughton & Co., 258 B'way
Neuchatel Asphalte Co., Ltd., 265 B'way
New T. Construction Co., 520 W 29th
†Sicilian Asphalt Paving Co. (Street, Etc.), Times bldg
Uvalde Asphalt Paving Co. (Street, Etc.), 1 B'way
Vulcanite Paving Co., 114 Liberty
Warren Bros. Co. (Street, etc.), 253 B'way
Warner-Quinlan Asphalt Co. (Street, Etc.), 32 B'way

Borough of Queens.

LONG ISLAND CITY—Barber Asphalt Paving Co. (Street, Etc.), 6th & West s

(END OF NEW YORK CITY.)

PEEKSKILL—Smith, John, Jr.
ROCHESTER—Oliver, Horace T., 328 South av
Rochester Vulcanite Pavement Co., Alexander c Erie Canal
Rock Asphalt Pavement Co., 279 South av
Warren Chemical & Mfg. Co., 149 Main W
SYRACUSE—Artificial Paving Co., 430 Canal
Ballard, Stephen G., 1463 S Salina
Central City Paving Co., Kirk bldg
Central City Roofing Co., Canal c Catharine
Empire Contracting Co., 112 E Jeff
Jaynes, Jno., 206 N Crouse av
Syracuse Improvement Co., 438 S Salina
Talbott, Thos. & Son, 240 W Water
Warner-Quinlan Asphalt Co., 207 S State
TROY—Hannan, Geo., 306 3rd
Pomeroy & Catlin, 86 Congress
UTICA—Barbar Asphalt Paving Co. (Street, etc.), 131 Broad
Commonwealth Roofing Co., Clarendon bldg
WATERTOWN—Brennan, Hodge & O'Brien
Jones, W. C., 22 Stone
YONKERS—Pawson, J. E., ft Wells av

OHIO.

AKRON—Acme Paving & Plaster Co.
CINCINNATI—Barber Asphalt Paving Co. (Street, etc.), Traction bldg
Felz, Frank W., & Co., Dayton & Freeman av
Kuhl, Chas. Artificial Stone Co., 216 E Court
Maescher, Chas. V. & Co., 619 Reading Rd.
Osborn, S. J., Jr., & Co., Pearl & Eggleston av
Trinidad Asphalt Roofing Co., 215 W 3d
CLEVELAND—Barber Asphalt Paving Co. (Street, etc.), Sov for Sav. bldg
Byerley & Sons ("Byerlite" Street)
Clements Bros. Construction Co., 123 Colonial Arcade
Cleveland Trinidad Paving Co. (Street, etc.), Rose bldg
Herring & Burgess, 29 Euclid av
Vulcanite Paving Co., Soc. for Sav. bldg
Warren Bros. Co., Cham of Com. bldg
Warren Chemical & Mfg. Co., Cham. of Com. bldg
COLUMBUS—Acme Paving Co., 408 W State
Pugh, Andrew G., Dispatch bldg
Shaffer Roofing Co., 431 W State
COSHOCTON—Schrake, G. W.
DAYTON—Barber Asphalt Paving Co., 1st c Meigs
Conley, Jas. E. & Co., 15, N St. Clair
Dayton Asphalt Roofing & Paving Co.
TOLEDO—Burchinal, C. H. (Street, etc.)
Cole, George H., Valentine bldg
Lake Erie Asphalt Block Co. (Block & Tile)
Leith, John J., 2055 Vermont
McMahon, Wm. & Sons, 321 Floyd
Schillinger Bros. Co., 412 City Park ave
YOUNGSTOWN—Chambers, J. B.
Davis & Caldwell
Joyce, M. J.

OKLAHOMA TERRITORY.

OKLAHOMA—Barber Asphalt Paving Co. (Street, Etc.), Box 966

OREGON.

PORTLAND—McMahon, Frank, 244 Madison
Marshall Bros., Cham. of Com. bldg.
Sweeney, J. W., 521 Irving
Trinidad Asphalt Paving Co., Worcester blk.

PENNSYLVANIA.

ALLEGHENY—Van Horn, A. R., 532 W Jefferson
ERIE—Mayer Bros.
HARRISBURG—Galbraith, B. G.
Valley Construction Co.
LANCASTER—Fritchey, J. U.
PHILADELPHIA—American Stone Pavement Construction Co., 211 S 9th
Asphalt & Concrete Paving Co., 227 S 9th
Barber Asphalt Paving Co. (Street, etc.), Land Title bldg
Block & Tile Paving Co., Harrison bldg
Brennan, Frank S., 2342 S Broad
Carter Paving Co., Girard bldg
Chambers, Robert & Son, 1022 York
Clymer, Jacob L. (Floors, etc.), 1900 N Marshall
Colonial Construction Co., Harrison bldg
Columbia Artificial Stone Paving Co., 205 N 20th
Drehmann Paving Co., 2629 Parrish
Eastwick & Geshwind, 12th & Filbert
Filbert Paving & Construction Co., 15th & Chestnut
Franklin Construction Co., 46 N 12th
Galbraith Paving Co., 3421 N 12th
Germananic Artificial Stone Pavement Co., 1409 Ritner
Gerhardt, Frederick, German-American bldg
Granitoid Paving Co., Heed bldg
Hauck, John, 3011 N Marshall
Krause, William, 1640 N Marshall
Krause, Wm. & Son, 1621 N 5th
Lehigh Paving Co., 2932 N Reese
McKee, Henry, 2522 Lehigh av
Murphy, Howard M., 1543 Newkirk
Penna Asphalt Paving Co., Land Title bldg
Petrific Paving & Roofing Co., 3345 Market
Quaker City Paving Co., 45 N 13th
Richardson & Ross Asphalt Paving Co. (Street), Betz bldg
Schwartz, Jacob, 2308 N 27th
Smedley Construction Co., Stephen Girard bldg
Steel Protected Concrete Co., Real Estate Trust Co. bldg
Torrens, Robt. G., 2241 Huntingdon
Vulcanite Paving Co., Land Title bldg
Wallace, R. Bruce & Co., 1307 Buttonwood
PITTSBURG—Booth & Flynn, 1942 Forbes
Concrete Construction Co., Peebles & Abbott
Empire Asphalt Co., Arrott bldg
Globe Asphalt Co. ("Obispo Brand"), Bakewell bldg
O'Rourke, Michl., 2838 Fkd. av
Peabody & Filbert Co., 5850 Center av
Wadsworth Stone & Paving Co., Tradesmen's bldg
SCRANTON—Barber Asphalt Paving Co. (Street, etc.)
Dunn, Benjamin F.
SPRINGCITY—Mowrey, Saml. R.

RHODE ISLAND.

PROVIDENCE—Lockwood, H. B., 115 Wentworth av, Edgewood
Moore, J. W. Co., 143 Allens av
Narragansett Improvement Co. (Street, etc.), 122 Public
Rhode Island Concrete Co., 3 Custom House st
Smith Concrete Co., 535a Banigan
U. S Concreting Co., Banigan bldg
WESTERLY—Westerly Concrete Co.

TENNESSEE.

CHATTANOOGA—Chattanooga Roofing & Foundry Co., 720 E Montgomery av
MEMPHIS—Bartholomew Roofing Co., 41 2d
Lee Bros., 292 Front
Memphis Asphalt & Paving Co. (Street, etc.)
Miller, Chas. R., Paving Co., 16 Madison
Miller Paving Co., 20 Madison
NASHVILLE—Nashville Roofing & Paving Co.

TEXAS.

CLINE—Uvalde Asphalt Co.
DALLAS—Barber Asphalt Paving Co. (Street, Etc.)
Watson, Alex.
GALVESTON—Elder, L. B., 212 Tremont
Henchman, Geo. H., Mercantile & Roofing Co., 2410 Mechanic

UTAH.

OGDEN—Parry, Jos., 1743 W. Wash'n av
SALT LAKE CITY—Barber Asphalt Paving Co. (Street, Etc.)

VERMONT.

BURLINGTON—Moore, Eugene F., 63 Greene

VIRGINIA.

NEWPORT NEWS—Via, Geo. E.
Wallace, A. D.
NORFOLK—Addenbrook's, J. N. Sons
Cement Construction Co.
Southern Paving & Construction Co.
PORTSMOUTH—Virginia Artificial Stone Works
RICHMOND—Veitch, W. P., 214 S 6th
VIRGINIA—Carolina Construction Co.

WASHINGTON.

SEATTLE—Barber Asphalt Paving Co. (Street, etc.)
Barnes & Carkeck, 427 E Denny way
Elaterite Roofing Co., Arcade bldg
Stanley, Wm. & Co., Burke bldg
SPOKANE—Barber Asphalt Paving Co. (Street, etc.)

WEST VIRGINIA.

WHEELING—McGinley & Holmes

WISCONSIN.

LA CROSSE—Marden, J. H. Cement & Paving Co.
MILWAUKEE—Badger Cement Sidewalk Co., 111 Mason
City Construction Co., 106 Mason
Felder, Fredk., 559 4th av
Milwaukee Sidewalk Co., 307 Grand av
Monstead, A. & Co., Pabst bldg
Western Paving & Supply Co. (Street, etc.), 105 Grand av
Winding & Gegelschap, Pabst bldg
OSHKOSH—Fluor, Caspar
SHEBOYGAN—Ackerman, Christ

Contractors (Brick Work)

(See Masons & Builders.)

Contractors (Building)

(See Carpenters, Contractors & Builders; also Masons & Builders.)

Contractors (Dredging).

ALABAMA.

MOBILE—Alabama Dredging & Jetty Co.
National Dredging Co.
Moore, R & Co.

CALIFORNIA.

OAKLAND—Veitch, W. T. & Bro.
West Coast Dredging Co.
SAN FRANCISCO—American Dredging Co., Claus Spreckles bldg
Atlantic Gulf & Pacific Co., 220 Market
Bay & River Dredging Co., Claus Spreckles' bldg
Bowers California Dredging Co., 101 Sansome
Bowers Pacific Dredging Co., 101 Sansome
Bradford Reclamation Co., Claus Spreckles' bldg
Coast Contracting Co., 5 Market
El Oro. Dredging Co., Mills bldg
Golden Eagle Dredging Co., Safe Deposit bldg
Golden Gate Dredging & Reclamation Co., Claus Spreckles' bldg
Healey, Tibbitts & Co., 22 Market
Jersey Island Dredging Co., Claus Spreckels' bldg
National Ditching & Dredging Co., Hearst bldg
North American Dredging Co., 3 Calif
Pacific Coast Dredging & Reclamation Co., 5 Market
Penna Dredging Co. Hayward bldg
Perry, R. A., 3 Calif

Pless Dredging & Reclamation Co., Mills bldg
San Francisco Bridge Co., 220 Market
West Coast Dredging Co., 6 California
Western Dredging Co., 916 Market

CONNECTICUT.

HARTFORD—Toomey Bros. Co., 121 Church
NEW LONDON—Scott, Thomas A. Co.

DELAWARE.

LEWES—Johnson, Charles W.
WILMINGTON—Atlas Dredging Co., ft Poplar
National Dredging Co., 6 W 9th

DISTRICT OF COLUMBIA.

WASHINGTON—Columbia National Sand Dredging Co., 1410 G, N. W.

GEORGIA.

SAVANNAH—Atlantic Gulf & Pacific Co., 6 Bay E
Empire Dredging Co.
Ross, P. Sanford, 16 Bryan E

ILLINOIS.

CHAMPAIGN—Pollard, Goff & Co. (Inc.)
CHICAGO—Atlantic, Gulf & Pacific Co., 204 Dearborn
Calumet & Chicago Canal & Dock Co., Merchants' Loan & Trust bldg
Chicago & Great Lakes Dredge & Dock Co., 138 Wash.
Fitzsimmons & Connell Co., Tacoma bldg
Fox Lake Dredging & Reclamation Co., Monadnock blk
Griffiths, McDermott & Watt Dredging Co., Monadnock blk
McGillis, W. A. & Co., 53 River
Miller & Glendening Dredging Co., Monadnock bldg
Pacific Dredging Co., 99 Erie

INDIANA.

MADISON—Kirk, Wm.

LOUISIANA.

NEW ORLEANS—Gulf Dredging & Timber Co., 806 Gravier
Jahncke Navigation & Improvement Co., 816 Howard av

MAINE.

PORTLAND—Eastern Dredging Co., 50 Exchange
Wright, A. R. Co., 350 Commercial

MARYLAND.

BALTIMORE—Coastwise Dredging Co., Md. Saving Bank bldg
Maryland Dredging & Contracting Co., Fidelity bldg
Sanford & Brooks Co., 21 S Gay

MASSACHUSETTS.

BOSTON—Bay State Dredging Co., 19 High
Breymann, G. H. & Bros., 293 Marginal
Columbian Dredging Co., 87 Border
Eastern Dredging Co., 247 Atlantic av
Harries & Letteney Co., 8 Beacon
N. E. Dredging Co., 185 Summer
Townsend, Geo. W., 202 Atlantic av
FALL RIVER—Beattie, Wm., 33 N. Quarry

MICHIGAN.

BAY CITY—Bay City Dredging Co.
DETROIT—Carkin, Stickney & Cram, W. S. Rouge River
Detroit Dredging Co., 26 Lafayette av
Dupuis, A. J. Co., Buhl blk
Griffin, M. J., 104 Lafferty pl
Lockerbie, Geo., 91 20th
Schweikart Dredging Co., 1922 Jeff'n av
Sullivan, Michael, 53 Woodward av ter
HOUGHTON—Pryor, Jas., Sr.
SAGINAW—Hubbell, H. W. & Co., 700 N Hamilton
SAULT STE MARIE—Hickler Bros.
Hubbell, H. W. & Co.

MINNESOTA.

DULUTH—Duluth Dredge & Dock Co., ft 12th av, W.
Lake Superior Contracting & Dredging Co.
ST. PAUL—Clark, H. E., Nat'l G. A. Bk. bldg

MISSOURI.

ST. LOUIS—Fruin-Bambrick Construction Co., Chemical bldg

NEW JERSEY.

BAYONNE—Packard, R. G. Co., ft 28th
CAMDEN—Am. Dredging Co., ft. Pine
Bowers Hydraulic Dredging Co. (Inc.), 211½ Market
JERSEY CITY—Potter, H. F., 2 Exchange pl
Ross, P. Sanford, 277 Wash'n
Stillman, F. M. Co., 26 Exchange pl
Taylor Dredging Co., ft. Communipaw av
PATERSON—Lee, John R., 2d Nat'l Bk bldg

NEW YORK.

ALBANY—Davis, J. K. & Son, 47 Westerlo
Randerson, J. P., 223 N Pearl
BUFFALO—Buffalo Dredging Co., D. S. Morgan bldg
Chapman, A. F., & Co., White bldg
Donnelly Contracting Co., Ellicott Sq
Dunbar & Sullivan Dredging Co., E Ferry & Winchester av
Lake Erie Dredging Co., D. S. Morgan bldg

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Beard, W. H., Dredging Co., Long Dock, Erie Basin
Gahagan, Walter H., 189 Montague

Boroughs of Manhattan and Bronx.

NEW YORK—Alabama Dredging & Jetty Co., 100 B'way
Atlantic Dredging Co., 19 Whitehall
Beard, W. H., Dredging Co., 8 Bridge
Brown & Fleming Contracting Co., 129 Broad
Brown & Fleming Contracting Co., 29 Broad
Drake & Stratton Co., 100 B'way
Dredging & Filling Co., 15 Cortlandt
DuBois Bros. Dredging Co., 19 Whitehall
Du Bois, Henry, Sons' Co., 17 State
Hughes Bros & Bangs, 1 Madison av
International Contracting Co., 17 Battery pl
Inter-State Dredging Co., 17 Battery pl
Metropolitan Dredging Co., 15 Broad
Monks, John & Sons, 82 Beaver
Morris & Cumings Dredging Co., 17 State
Packard, R. G. Co., 130 Pearl
Phenix Dredging Co., 15 Cortlandt
Puget Sound Bridge & Dredging Co., 17 Park Row
Rockland Construction Co., 20 Broad
Smith & Robinson, 17 State
Spearin & Preston, 17 Battery pl
Steers, Henry (Inc.), 17 Battery pl
Taylor Dredging Co., 21 State
Walsh, Edw. S., 78 Broad

(END OF NEW YORK CITY.)

ROCHESTER—Brayer & Albaugh, 27 E Main
SYRACUSE—Driscoll, A. C., 112 E Jefferson

OHIO.

CINCINNATI.—Coal Transfer & Dredging Co., Mercantile bldg
CLEVELAND—Gayer, Peter, Wade bldg
Hughes Bros. & Bangs, 194 Summit
Lorain Dredging Co., Williamson bldg
McGillis, W. A. & Co., Wade bldg
Smith, L. P. & J. A. Co., Williamson bldg
Standard Contracting Co., Wade bldg
Strong, C. H. & Son, Cuyahoga bldg
DAYTON—D'Arcy, Wm. A., 148 S Eagle
TOLEDO—Bodette, Edward, 568 Prouty av
Breyman, Geo. H. & Bros., Marine bldg
Phoenix Dredging Co., The Nasby
Rooney, W. E., 453 Missouri

OREGON.

PORTLAND—Columbia Digger Co., 184 Madison
Northwestern Wrecking & Dredging Co., Commercial blk
Star Sand Co., ft of 15th, N.

PENNSYLVANIA.

PHILADELPHIA—Am. Dredging Co., 308 Chestnut
American Gold Dredging Co. (Gold Dredging). Real Est. Trust bldg
Atlin-Oroville, Bullitt bldg
British-American Dredging Co., Bullitt bldg
Drake & Stratton Co., West End Trust bldg
Montana Gold Dredging Co. (Gold Dredging), 201 Walnut pl
Union Gold Dredging Co., 416 Walnut
PITTSBURG—Davison, J. K. & Bro., 42d & Davison
Drake & Stratton Co., Farmers' B'k bldg
Enterprise Contracting Co., Bessemer bldg
Iron City Sand Co., Westinghouse bldg
Jutte & Foley Co., Conestoga bldg
McDonald, C. I., House bldg
Monongahela & Western Dredging Co., Conestoga bldg
Neel, H. L., W'house bldg
Pittsburg Dredging & Construction Co., 247 Water

RHODE ISLAND.

PROVIDENCE—Dailey, J. A. & Son, 191 Transit
Packard, J. S., Dredging Co., 425 Angell
Shaw, Fred'k E., 75 Westminster

SOUTH CAROLINA.

COLUMBIA—Stewart Stone Co.

TENNESSEE.

MEMPHIS—Kavanaugh Sand Co., 20 Madison

TEXAS.

GALVESTON—Bowers Southern Dredging Co.
Clarke, Charles & Co.

VIRGINIA.

BERKLEY—French, William H.
NORFOLK—Coastwise Dredging Co., Atlantic bldg
Norfolk Dredging Co., 217 Water
Sanford & Brooks, Sanford bldg
RICHMOND—Virginia Dredging Co., Main nr Jefferson

WASHINGTON.

SEATTLE—Alaska Company (Inc.), 312 R. R. av
Puget Sound Bridge & Dredging Co. (Hydraulic), S. A. Bank bldg
Seattle Bridge Co., Pacific blk
TACOMA—Olson, C. H., Gold Dredger Co.
Pacific Coast Dredging Co.

WISCONSIN.

MANITOWOC—Keith, J. H., Co.
MILWAUKEE—Hahaway, J. E., & Co., Canal & 1st av
Starke, C. H., Dredge & Dock Co., Canal, W 1st av
OCONOMOWOC—Johnson & Tweeden
SUPERIOR—Schmidt Bros.
Whitney Bros.

Contractors (Electric Railway)

(See aiso Contractors, Railroad.)

ALABAMA.

BIRMINGHAM—**ENGINEERING CO. OF** America (Inc.) (Engineering, Construction & Complete Installation), Steiner bldg. (See adv. index, end of book)

CALIFORNIA.

LOS ANGELES — **WESTINGHOUSE** Electric & Mfg. Co. (Electric Power Instaliation). (See adv. index, end of book)
SAN FRANCISCO—Bishop, Ira (Compiete Equipment), Hayward bldg
City Street Improvement Co., Miils bidg

COLORADO.

DENVER — **ENGINEERING CO. OF** America (Inc.) (Engineering, Construction & Complete Instailation), Boston bldg. (See adv. index, end of book)

CONNECTICUT.

NEW HAVEN—Biakeslee, C. W. & Sons, 58 Waverly
WATERBURY—New England Engineering Co.

DISTRICT OF COLUMBIA.

WASHINGTON—Saxton, E., 841 Biadensburg road

GEORGIA.

ATLANTA—**WESTINGHOUS ELECTRIC** & Mfg. Co. (Eicctric Power Instaiiation). (See adv. index, end of book)

ILLINOIS.

CHICAGO—Arnold Electric Power Station Co. (Complete Construction & Equipment), 204 Dearborn
Badt, F. B., Monadnock bldg
ENGINEERING CO. OF AMERICA (Inc.) (Engineering, Construction & Compiete Instaiiation), 159 LaSaile. (See adv. index, end of book)
Gates, J. Holt & Co., Monadnock bik
Kohler Brothers (Engineers & Contractors, Compiete Power & Lighting Equipment), Fisher bldg
North Amer. Ry. Construction Co., Monadnock bik
Phoenix Construction Co., 908 Fisher bidg
Seckner Co., 115 Dearborn
Summers, L. L., & Co. (Power & Lighting Equipment), The Rookery
WESTINGHOUSE ELECTRIC & Mfg. Co. (Electric Power Installation). (See adv. index, end of book)
Wise, Clift, 1406 Manhattan bidg

INDIANA.

INDIANAPOLIS—Townsend, Reed & Co. (Engineers & Contractors), State Life bldg

LOUISIANA.

NEW ORLEANS — **WESTINGHOUSE** Electric & Mfg. Co. (Electric Power Instaliation). (See adv. index, end of book)

MARYLAND.

BALTIMORE—Builock Eiectric Mfg. Co., 8 South
ENGINEERING CO. OF AMERICA (Inc.) (Engineering, Construction & Compiete Instaiiation), 902 Cathedral. (See adv. index, end of book)
Newhali & Co. (Inc.), 227 E German
Southern Eiectric Co., 203 E Fayette
WESTINGHOUSE ELECTRIC & Mfg. Co. (Eiectric Power Instaiiation). (See adv. index, end of book)

MASSACHUSETTS.

BOSTON—Boston Industrial Co. (Inc.), 178 Devonshire
Gore, H. & Co., 54 Kilby
Kendall, M. K., & Co., 32 Oiiver
Sargent, Conant & Co., Equitabie bldg
Turner, H. G. & Co., 20 Central
WESTINGHOUSE ELECTRIC & Mfg. Co. (Electric Power Instaliation). (See adv. index, end of book)
GREENFIELL—Bay State Construction Co.
SPRINGFIELD—Ley, Fred T. & Co., 133 Sherman
WORCESTER—New Engiand Eiectric R. R. Construction Co., 311 Main
Page Eiectric Co., 24 Pearl
Taylor & Tyice, 340 Main

MICHIGAN.

DETROIT—Chase Construction Co., Majestic bidg
Detroit Construction Co., Cham. of Com. bidg
Detroit & Toiedo Construction Co., Hammond bldg
Griffin, M. J., 104 Lafferty pl.
International Construction Co., Majestic bidg
Michigan Central Traction Co., Majestic bldg
Stirling, J. R. & Co., Buhl blk
WESTINGHOUSE ELECTRIC & Mfg. Co. (Eiectric Power Instaliation). (See adv. index, end of book)

MINNESOTA.

MINNEAPOLIS — **WESTINGHOUSE** Eiectric & Mfg. Co. (Electric Power Instaiiation). (Sce adv. index, end of book)

MISSOURI.

ST. LOUIS—**GENERAL ELECTRIC CO.,** Wainwright bldg. (See adv. index, end of book)
WESTINGHOUSE ELECTRIC & Mfg. Co. (Electric Power Installation). (See adv. index, end of book)

NEW JERSEY.

CAMDEN—Sweeten, B. F., & Son.
NEWARK—Cuiien, W. A. (Track & Overhead Construction), 262 5th
ORANGE—Wright Lindsley, 27 Cone
PATERSON—Lee, John R.
PERTH AMBOY—Electric Raiiway Construction Co.

NEW YORK.

BUFFALO—Chapman, A. F., & Co. (Track & Overhead Construction), White bidg
Little F. P., Electrical Co., 208 Main
WESTINGHOUSE ELECTRIC & Mfg. Co. (Electric Power Installation). (See adv. index, end of book)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Vreeland, J. H., Electric Construction Co., 3 Wailabout Market

Boroughs of Manhattan & Bronx.

NEW YORK—Beacon Contracting & Construction Co. (Light & Power Plants), 280 B'way
Coho, H. B., & Co., 116 Liberty
Comerciai Construction Co., 1 Madison av
Degnon Contracting Co., 15 Park Row
ENGINEERING CO. OF AMERICA (Inc.) (Engineering, Construction & Compiete Instaiiation), 74 B'way. (See adv. index, end of book)
Hatzei & Buehler, 571 5th av
Hiidreth & Co., 50 B'way
Macartney, McElroy & Co., 26 Cortlandt
Sanderson & Porter (Power & Lighting Equipment, etc.), 52 William
Serreii, L. W. & Son, 302 B'way
Strong, R. B., 39 Cortlandt
United Engineering & Contracting Co., 15 Park Row
WESTINGHOUSE ELECTRIC & Mfg. Co. (Electric Power Instaliation). (See adv. index, end of book)
White, J. G., & Co. (Power & Lighting Equipment), 43 Exchange pl

(END OF NEW YORK CITY.)

SYRACUSE—Archbold-Brady Co. (Power, Lighting & Equipment)
WESTINGHOUSE ELECTRIC & Mfg. Co. (Electric Power Instaliation). (See adv. index, end of book)

NORTH CAROLINA.

CHARLOTTE—**ENGINEERING CO. OF WESTINGHOUSE ELECTRIC &** Mfg. Co. (Eiectric Power Installation). (See adv. index, end of book)

OHIO.

AKRON—Cleveland Construction Co.
CANAL DOVER—Dover Construction Co.
CINCINNATI—Creaghead Eng. Co., 313 Walnut
Gest, G. M., Union Trust bldg
Tennis Railway Equipment Co., Swift bidg
WESTINGHOUSE ELECTRIC & Mfg. Co. (Eiectric Power Installation). (See adv. index, end of book)
CLEVELAND—Caiiinan Construction Co., Wiliiamson bidg
Corlett Engineering Co., Cayahoga bidg
Standard Contracting Co., Wade bldg
WESTINGHOUSE ELECTRIC & Mfg. Co. (Electric Power Instaiiation). (See adv. index, end of book)

PENNSYLVANIA.

PHILADELPHIA—Brubaker, G. S. W., Witherspoon bldg
Deiaware River & Atiantic Construction Co., Penna bidg
MacAfee Co. (Inc.) (Enigneer & Contractor), Harrison bidg
Nusbaum, Elias, 1720 Sansom
Pepper & Register, Fideiity bldg
Sims, Chas. A. & Co., Harrison bldg
Smethurst, Aiien & Ryon, North American bldg
Vandegrift Construction Co., Drexel bldg
Union Electric Construction Co. (Underground System) Bourse bldg
WESTINGHOUSE ELECTRIC & Mfg. Co. (Electric Power Installation). (Sec adv. index, end of book)
Wharton, Wm., Jr., & Co. (Inc.), 25th & Wash'n av
PITTSBURG—Jutte & Foiey Co., Conestoga bldg
McNally, Thos. Co., Bates c 2d
Pittsburg Construction & Engineering Co., Liberty av c 27th
Tennis Bros. Co., Times bidg

WESTINGHOUS EELECTRIC & Mfg. Co. (Electric Power Installation). (See adv. index, end of book)
POTTSTOWN—Willaeur, Wm.

TEXAS.

DALLAS — **WESTINGHOUSE ELEC**tric & Mfg. Co. (Electric Power Installation). (See adv. index, end of book)

UTAH.

SALT LAKE CITY — **WSETINGHOUSE** Electric & Mfg. Co. (Electric Power Installation). (See adv. index, end of book)

WASHINGTON.

SEATTLE—**GENERAL ELECTRIC CO.** (See adv. index, end of book)
WESTINGHOUSE ELECTRIC & Mfg. Co. (Electric Power Installation). (See adv. index, end of book)

WISCONSIN.

JANESVILLE—Hayes Bros.
MILWAUKEE—Columbia Construction Co. (Inc.). (Engineers & Contractors), Abbott bldg
Vogel, Arthur H., 177 17th,

Contractors (Electric Subway)

Commercial Construction Co., 1 Madison av, New York
Kohler Bros., Fisher bldg, Chicago, Ill.
National Conduit & Cable Co., Times bldg, N. Y.; 10 P. O. Sq., Boston, Mass., & Rookery, Chicago, Ill.
Regan, D. P. &Mulock, 4429 Chestnut, Phila., Pa.
United Engineering & Contracting Co., 15 Park Row, New York

Contractors (General)

(See also Carpenters, Contractors & Builders; also Masons & Builders; also Contractors, Railroad.)

ALABAMA.

BIRMINGHAM—Burkhalter, C. M. & Co. (General), 2105 Av G
Donelson Construction Co. (Paving Macadam, etc.)
Dunn & Lallande Bros. (R. R. Sewer & Public), 2015 1st av
Gibson, Geo. A.
Lappage, Thos. E., 1030 Av E
McFarland, Henry F., 2d av, Elyton
McPoland, John, 1713 4th av
Minor Engineering & Construction Co.
Smith, C. D. & Co. (R. R. & Public)
Southern Bridge Co. (Bridge & Public), 1st av, c 37th, Avondale
Stockmar, A.
Thompson, T. C. & Bro.
Wright & Watley (Sewers, etc.)
DEMOPOLIS—Lewinan, M. T. & Co. (Bldrs. & General contractors)
HUNTSVILLE—Booth, A. M.
Hutchens, Chas. E.
JASPER—Jasper Construction Co. (Building & Public)
MOBILE—Alabama Dredging & Jetty Co. (Marine & Public)
Gulf City Paving Co. (Paving), 56 St. Michael's
Hogan, Patrick H. (Public Work), 455 S Lawrence
Improved Wood Pavement Co. (Paving, etc.), 67 St. Francis
Mobile Paving Co. (Paving, etc.), 57 St. Francis
Moore, R., & Co. (Dredging, Harbor, etc.)
Robinson, Geo. A. Contracting Co.
MONTGOMERY—Cook & Laurie
Hugger, R. & Bro.
Pruett, Geo. W. (Grading)
SELMA—Bennett, P. G. (Paving)

ARKANSAS.

CONWAY—Donaghey, Geo. W. (Public Work)
GOLDEN LAKE—Wilson & Scott (Levee & Public)
HELENA—Bush Bros. (R. R. & Levee)
Rice, T. H.
Straub's, N. Sons (Levee)
LITTLE ROCK—Arkansas Pump & Pipe Co.
Delhoff Construction Co.
McCarthy & Reichardt
Pulaski Crushed Rock & Paving Co. (Paving)
Woodsmall, W. H.

CALIFORNIA.

ALAMEDA—Christensen, Peter
Farmer, Frank H.
Hammond, C. J. (Grading)
La Plant, Alex. (Sewer)
Schumacher, G (Paving, etc.)
ARCATA—Bull, J. C., Jr. (Breakwater & Public)
BERKELEY—Carter, R. J. (Paving, etc.), 2401 Blake
Corbett, Michael (Sewer), Sacramento n Addison
Gilsenan, T. (Sewer, etc.), 1733 Walnut
Heafey, Michael (Sewers), 2320 Mary
Mohr, G. L.
Moore, Richard (Teaming)
Murphy, Michael (Sewer), Milvia n Rose
Schmidt, W. J. (Paving, etc.)
Stutt, Geo. (Grading, etc.), 2812 Dwight Way
Stutt, Jno. (Grading, etc.), 2545 Aetna
ELMHURST—Frank, C. (General)
HAYWARDS—Russell & Smalley
LOS ANGELES—Austin, A. M. (Paving, etc.). 1422 Bush
Beck, D. A. (Oil Well), 1033 Overton
Bell & Ayres Grant bldg
Berenia, L. B. (Sewer), 314 Mozart
Beyrle, Robt., Helman bldg
Brown, G. S. (Sewer, etc.), 419 N Burlington av
California Construction Co. (Breakwaters. General & Quarrymen), 222 N Main
Carr, Irving L. (Oil Well), 435 Centennial
Clampitt, E. A. (Oil Well), 1442 Court
Clampitt, Lyman A. (Oil Well), 252 N Belmont av
Clemens, H. (Tunnel & Public), 1216 Catalina
Crowley, C. E. (Grading, Railroad, etc.), 2318 Ocean View av
Daubenspeck, W. S., Stimson blk
Dawson & Eldridge, Lankershim bldg
Doran & Brouse (Oil Well), 1573 W 1st
Engstrum, F. O., Byrne bldg
Fairchild, J. A. (Paving), 837 S Burlington av
Farmer, R. (Sewer), 127 E 3d
French & Reed (General), 107 N B'way
Frick Bros. (Paving & Sewer), 315 Requena
Gillespie, Frank (Excavating), Frost bldg
Grant Bros. (General), 155 Wilson blk
Haight, Jas. B. (Oil Well), 339 Edgemore rd
Hughes & Edwards (Sewers, etc.), Gordon blk
Kubach, C. J., Stimson blk
Lindenfeld, F. (Paving, etc.), 310 S Los Angeles
Little, D. P. N. (Bridge), Wilson blk
McCormack, P. J. (R. R. & Public), 250 S Bunker Hill
McGillard, G. D. (Tunnel, etc.), 1428 E 1st
Pitblado, J. M. (R. R. & Public), 622 S Hope
Rebman, Jno., Byrne bldg
Sawyer & Arthur (Bridge & Public), Byrne bldg
Scheerer, C. & Co. (Paving, Sewer, etc.), 237 W 1st
Smith, P. C. (Paving, etc.). 1543 Council
Stansbury, C. V., Gordon blk
Thornton, W. E. & Co. (Public Work), Wilson blk
Tryon & Bain (Evcavating), Byrne bldg
White, J. E. (Sewer), Fulton blk
Younger, W. L. (Sewer, etc.), 442 Victor
MONTEREY—Duckworth, J. W. (Street)
NEVADA CITY—Hughes, Geo. M. (Public Work)
OAKLAND—Burr, G. W. (Paving, etc.), 424 Edward
Burrell Construction Co.
California Improvements Co. (Macadam & Public), 1160 B'way
Carr, John S. (Sewer & Public), 800 Alice
Cavanagh, E. (Sewer & Public), 1408 Telegraph
Concannon, Wm. N. (Public Works), 490 Orchard
Cotton Bros. Co. (Bridge & Public), 478½ 10th
Geary, John (Sewer & Public), 513 25th
Glavin, Patrick J. (Sewer), 126 4th
Greaney, John (Sewer & Public), 828 Lydia
Hagan, Peter A. (Sewer & Public), 2234 Andover
Heafey, W. J., 466 24th
Heverin, Patrick (Sewer & Public), 862 21st
Hillhouse & Reardon (Paving). 313 13th
Hutchinson Co., 401 14th
Johnson & Peterson (Bridge, Dock & Public), Central Bank bldg
Kehoe, Lawrence (Sewer & Public), 859 20th
Kennedy, John (Sewer & Public), 819 22d
McDonald, W. E., 3756 Howe
Mulvihill, Edw. F. (Sewer & Public), 827 Mead av
Nichols, C E., 1060 B'way
Nickerson, F. L., 1126 San Pablo av
Oakland Paving Co. (Paving & Public), Central Bank bldg
Oakland Street Improvement Co., 473 14th
Piedmont Paving Co. (Macadam & Paving), Macdonough bldg
Ransome Construction Co., 473 14th
Scott, G. A., 695 23d
Smilie, Jas. A., 58 8th
Stone, E. B. & A. L. Co. (General), 900 B'way
Veitch, W. T. & Bro., 1166 Webster
Warren, Thos. (Street, etc.), 1016 Clay
PASADENA—Copelin, Chas. (Street), Mountain & Lincoln av
Edwards, Simon (Sewer & Public), 8 S Fair Oaks av
Hughes, James B. (General), 8 S Fair Oaks av
Turner, L. C. & Son (Grading, etc.), 404 Cypress av
Ward & Roberts (Concrete), Summit av
REDLANDS—Lynn & Lewis
RIVERSIDE—McCormack & Ormand (Public Work)
SACRAMENTO—Haldrich Bros. (Street)
Meiss Bros. (Grading)
SAN DIEGO—Goodboy & Sons (Public Work)
Goodboy & Rolsner (Public Work)
Simpson & Perine (Public Work)
Waterman, Waldo S. (Public Work)
SAN FRANCISCO—Ayres Engineering Works, 315 Mission
Butler, Thos., 40 New Montgomery
Campbell, Jas. (General), Flood bldg
City Street Improvement Co. (Street, Railroad, etc.), 10 Mills bldg
Dibert Mfg. Co. (Millwrights & Contractors), 225 Mission
Diggins Bryon (Street), 2416 Sutter
Dowling, J. J. & Co. (Street), 137 Montg'y
Dundon Bridge & Construction Co. (Bridge, Wharf, etc.), 225 Folsom
Elder, Geo. W. (Paving, etc.), Phelan bldg
Farnsworth, H. S., 442 Haight
Ferris, Jno. W. (Engineers & Contractors), 320 Sansome
Flinn & Treacy (Street), 302 Montg'y
Giletti, S., System Co., Fillmore c Bay
Grant Bros., Chronicle bldg
Greely, Jno. (Grading), 326 8th av
Healy-Tibbets & Co. (Bridge & R. R., Sewer, etc.), 22 Market
Hock, Tobias & Son, 908 Devisadero
Hogan, Martin C. (Street), c 14th av S & W
Hyde Construction Co. (Bridges, etc.), 5 Market
Jones, Peterson & Rountree, 743 Bryant
Keatinge, Richard (Concrete & Twisted Iron), 40 New Montgomery
Kelleher, Daniel (Street), 2003 O'Farrell
Kelso, Jno. (General), 626 Capp
Kenny, Edw., 2733 Pine
Kincaid, Jno. E. (General), 310 Ellis
Lantry's, B. Sons, 27th & Indiana
Laydon, Darby (Bridge & Dock, Sewer, etc.) 219 Stewart
Leffler, Fred. (Paving, etc.), 1703 Page
Livermore, N. B. & Co., Rialto bldg
Lynch, M. C., 40 New Montgomery
McCann & Sons (Bridge, etc.), 406 10th
McClure, Hy. N. (Teaming & Grading), 40 New Montgomery
McCullogh Contracting Co., 1229 Guerrero
McGinn, Geo. W., 1714 Broderick

McHugh, Owen (Excavating & Grading), 710 Baker
McHugh, Peter J. (Street), 3908 Clay
McKay, Jno. H., 2408 Wash'n
McMahon, Jas. A. (Dock & Bridge), 6 Calif.
Mahony Bros., Crocker bldg
Mattingly, Richard C. (General), 1910 Green
Moore, C. M., Clunie bldg
Municipal Street Improvement Co., 318 Bush
O'Brien, Jas. H., 11 Montg'y
O'Connor, Daniel (General), 3645 Sacramento
Pacific Construction Co., 4 Calif
Pacific Paving Co. (Paving), 118 Phelan bldg
Petterson & Person, 318 Bush
Quimby & Harrelson, 206 Kearney
Roche, Thos. B. & Son (General), 2 Waller
San Francisco Bridge Co., 220 Market
San Francisco Construction Co., 26 Montg'y
Smith Bros. (Rigger & Contractor), 118 Howard
Thomason, E. O., Phelan bldg
Thomason, Edwin R. (Street), 20 Phelan bldg
Thomson Bridge Co. (Bridge, Sewer & Public), 129 Mission
Tracy Engineering Co. (Pumping Plants, etc.), 151 Fremont
Tucker, W. E. & Co. (Engineers & General), 130 Main
Union Paving & Contracting Co. (Street & Paving), Clunie bldg
Vincent, Clarence D. (General), Mills bldg
Wakefield, Robt. (Dock, Bridge, etc.), 5 Market
Warren, Chas. A., 230 Montg'y
Western Contracting Co., 719 Bryant
Whiteley, H. A. (Grading), Mills bldg
Williams, Belser & Co. (General), Hayward bldg
Young, Leander G. (Sewer & Street), 1 8th

SAN JOSE—Brookbanks, T. A. (General), 357 S 1st
Burdette, R. (Sewer, etc.), 390 S 5th
McReynolds, Jno. (Sewer, etc.), 243 N 13th
Nash, W. G. (Street, etc.), cor. 13th & St James
Rosenbaum, Peter (Sewer, etc.), 167 N 7th
Russell, Wm. (Sewer, etc.), 707 Provost

SAN PEDRO—Axman, Rudolph (River & Public)

SANTA ANNA—Heil, Frank (Sewer, etc.)

SANTA MONICA—Powell, C. L. (Sewer & Public)

STOCKTON—Clark & Henry (General)

COLORADO.

CENTRAL CITY—Quigley & Co. (Public Work)

COLORADO CITY—Waycott, E. & R. W. (Sewer Public)

COLORADO SPRINGS—Atkinson, Lynn S. & Son (Sewer & Public)

DENVER—Anderson, A., 726 Grant av
Bowman, Frank F., 3422 Conejos pl
Brown Contracting Co. (Public Work), 1135 14th
Brown & Schrepferman (General), Continental bldg
Chambers, J. B., Continental bldg
Colorado Co., Nassau bldg
Combs & Sess (General), 522 15th
Dowling, Henry H., 430 W 12th av
Farrar, C. S. & Co., Quincy bldg
Forbes, Nelson, 1727 Stout
Funke, Philip (General), Continental bldg
Gaffy & Keefe, Exchange bldg
Geddis & Seerie Stone Co. (Excavating, Granite & Masonry), Continental bldg
Gray, And'w I., Continental bldg
Greenlee & Sons (Masonry & Stone), 1513 13th
Hughes, W. G., 2019 Champa
Hughes & Stewart (General), Continental bldg
Jones Bros., 400 W Alameda av
La Due, T. F. (General), 719 E 19th av
McDonald, A. B. (General), Continental bldg
McDonald & Gargan, 731 Sherman av
McDonald, J. R. (General), Continental bldg
McGrath & Stewart, 1624 Curtis
McIntyre, Jno. A. (Masonry & Stone), Cooper bldg
Mattice & Hendershott, 1452 Glenarm
Meyers, W. E., 502 Ernest
Moncrieff, Z. E. (General), 1119 18th
Morrison Contracting Co., Cooper bldg
Nolds, E. J., Continental bldg
Osner, J. A., 1308 17th
Ripley, A. S. Building Co. (Buildings & Public), 1624 Curtis
Simpson, Wm. Construction Co., Temple ct bldg
Stocker & Fraser (General), Continental
Taylor, Frank, Continental bldg
Teller, Jno. C. (R. R. & Public), Equitable bldg
Tirsway, Dennis J. (Public Work), Exchange bldg
Toogood, H. H., 1313 16th
Towers, W. E. (General), Continental bldg
Treat, Chas. A., 1739 Arapahoe
Tully, T. J. Railroad bldg
Ward, A. D., 16 S 11th S
Western Realty & Paving Co., 16th c Curtis
Wilkes, Gilbert & Co. (Inc.) (General), 435 17th

GRAND JUNCTION—Lumsden, J. J. (Public Work)

PUEBLO—Bullen Bridge Co. (Bridges, etc.), 123 Michigan
Carlisle, Jas. N. (R. R. & Public Work), 901 Block K
Orman & Crook (Grading, R. R., etc.), 229 S Main
Piper Bros. Co. (Sewer & Public Work)
Shutt Improvement Co. (Grading, etc.), 335 Central blk

CONNECTICUT.

BEACON FALLS—Hart, O. P. (Telford & Public)

BRIDGEPORT—Blakeman, M. A. (Dock & Harbor), 985 Stratford av
Crudington, W. F. (Excavating, etc.), 220 Deacon
Dawson, Jas. (Excavating), 101 Wall
Dellmuth Trucking Co., 244 Hamilton
Dickie Bros. (Excavating, etc.), Fairfield av, cor. Burr road
Holbrook, Cabot & Rollins, ft. Fairfield av
O'Brien, John, Contracting Co. ft Gold
Pierce, B. D., Jr. (Macadam Roads, Sewers, etc.), 122 Bank
Pierce Mfg. Co. (Sewers, Excavating, etc.), 89 Wall
Sheehan, Jno. C. & Co., 840 Pembroke
Silliman & Godfrey Co. (Brick, Asphalt & concrete Paving), 1119 Broad
Walker, C. H. (Grading, etc.), 980 North av
Williams & Dewhirst Co. (Public Work & Roads), 991 Broad

BRISTOL—Condon, Pat'k H. (Excavating)
Levitt, Thos. (Excavating & Grading)
Sloan, L. H. (Excavating & Grading)

DANBURY—McFadden, Jas. P. (Macadam Roads), 279 Main
Wardell Bros. & Co. (Public & Street R. R.)

DANIELSONVILLE—Buck, J. W. & Co.

DARIEN—Bates, E. S. (Stone & Macadam Roads)
Downs, M. J. (Stone & Macadam Roads)

DERBY—Fagan, F. H. Co. (Excavating, etc.)

EAST BERLIN—Clark, R. O (Macadam Roads, etc.)

EAST NORWAY—(See Norwalk)

GUILFORD—Toomey Bros. (Public & Jettie)

HARTFORD—Balf, Edw. Co. (Excavating, etc.), 26 State
Belden, Eugene S. & Son (Dredging, Harbor & Public), 217 Laurel
Belden, Seth & Son (Curbing, Flagging, etc.), 69 Commercial
Billings Sidewalk & Coal Co., 437 Sheldon
Hartford Paving & Construction Co. (Paving & Public), 703 Main
Keenan, D. F. (R. R. & Public), 721 Main
McLaughlin, John (Paving & Sidewalk), 22 Squire
O'Neill, Michael (Sewer & Masonry), 24 Pawtucket
Putnam, H. E. (Sidewalk), 276 Garden
Southern, N. E. Paving Co. (Paving) 26 State
Watson & Jackson (Sidewalk), 283 Sheldon

HAZARDVILLE—Bridge, A. D. (Macadam Roads, etc.)

MERIDEN—Kearney, Thos. (Macadam & Public)
Lane Construction Co. (Telford Roads, Grading & Crushed Stone).
Lines, H. Wales Co., 134 State
Quigley, P. J. (Street), 38 Hobart

MIDDLETOWN—Brezos, A. & Sons (Telford Public)
Kennedy, Roger (Bridge & Public)

NAUGATUCK—Dunn, Jer. H.
Sanford, A. O. (Excavating).

NEW BRITAIN—Austin, M. S. (Sewer, etc.), 401 Arch
Caldwell, Chas. B. (Sewers, Roads, etc.), 213 Main
Caldwell, Geo. A. (Public Work), 28 Park pl
Hanna's, John, Son (Masonry & Public)
Lyman, A. A. (Sewer & Grading), 64 Church
Nolan, John (Stone Masonry), 320 S Main

NEW HAVEN—Blakeslee, C. W. & Sons (Railroad, Sewer, Paving, Masonry, etc.), 58 Waverly
Brazos, F. (Excavating, Sewer, etc.), 808 Elm
Buddington, J. E. (Iron Structural), 82 Church
Colwell, Philip (Sewer, etc.), 21 Gilbert
Connecticut Concrete Co. (J. H. MacDonald, Prop.) (Asphalt & Concrete Work), 49 Church
Coyne, Jno. (Grading), 83 Hallock
Cullen, Thos. (Excavating, etc.), 889 Whalley av
Cunningham, Edw., Jr., Milford tnpk
Davis, Geo. F. (Excavating), 161 Shelton av
Doolittle, J. A. & Co. (Railway), 179 Church
Farnham, A. N. (Night Soil & Excavating), P. O. Box 855
King, Jno. W. (Grading & Teaming), 191 Orange
Lawrence, Joseph (Grading, etc.), 40 Canner
Lee, Jas. W. (Excavating, etc.), 163 Kimberly av
Montgomery, W. J. (Excavating, etc.), 60 Canner
New England Improvement Co., 15 River
O'Brien, Laurence (Heavy Masonry, Sewer, etc.), 70 Beach
Pugh, W. H. (Excavating, etc.), 444 Blohm, West Haven
Sherman, Jno. L. & Son (Grading, etc.), 253 1st av, W. H.
Thompson, J. P. (Grading), 962 Grand av
Toomey Bros. Co., 121 Church
Upson & Grannis, 116 Franklin
Waterhouse, C. R., Jr. (Docks, Bridges, etc.), 40 Park
Whitby, Jos. B. (Excavating & Sewer), 312 Dixwell av

NEWINGTON—Fish & Hoye (Telford Roads, etc.)
Hoye, Jno. & P. (Telford Roads, etc.)

NEW LONDON—Darrow, Allen I. (Masonry, Excavating, etc.), 146 Main
Driesbach, Frank P. (Sewer, etc.), 12 Garfield av
Fitzgerald, P. H. (R. R. & Masonry), 5 Home

NORTHFORD—Maltby, S. D. & Co.

NORWALK—Pierce, F. M., Box 781, S. N.

NORWICH—Carpenter & Williams (Street, etc.)
Dodd, Thos. J. (Sewers, etc.)
Peck, McWilliams & Co. (Sewer & Masonry)
Rice, Frank G. (Sewer & Masonry)
Torrance & Matthews (Sewer, R. R., Public Work, Waterworks, etc.)

PLAINVILLE—Cooke, Trap Rock Co. (Roads & Crushed Stone
Hart, R. G. (Paving)

PLANTVILLE—Cowles & Barnes

PORTLAND—Hall, Eben (Macadam Roads, etc.)

SEYMOUR—Lanyon, Wm. T. (Sewer, etc.)

SOUTH NORWALK—(See Norwalk.)

SOUTHINGTON—Borough of Southington (do their own street work)

SOUTHPORT—Bulkley, B. F. (R. R. & Bridge Foundation)

SOUTHINGTON—Borough of Southington (do Grading), 169 Atlantic
Corbo Bros. (Excavating, etc.), Liberty, nr West Main
Knapp, Jno. E. (Excavating, etc.), Main, nr Richmond Hill av

TAFTVILLE—Weller, Jno. (Macadam Roads, etc.)

TORRINGTON—Mella Bros. (Sewer)
Robbiati, Ambrose (Sewer)

WATERBURY—City Contracting Co.
Contaldi, P.
Gaffney, J. F. (Heavy Masonry)
Gaffney, Jno. W. & Co. (Masonry)
McManus, Edw. (Sewer & Public)
Tracy Bros. Co. (General)

WINSTED—Carey, J. F. (Grading, Waterwork & Public

DELAWARE.

MILFORD—Collins, Benjamin T. (Harbor and Public

LEWES—Johnston, Charles W. (Public Work)

WILMINGTON—Brown, W. J., 413 Shipley
Delaware Construction Co.
Donohue, Michael, 14th & Union
Manufacturers' Contracting Co. (Builders, Etc.)
Reed, A. S. & Bro. Co. (Public Work, Building & Masonry), 85 Shipley

DISTRICT OF COLUMBIA.

WASHINGTON—Banks, Thos. (Builder, etc.), 655 E. S. W.
Basim, Warren F. (General), 612 M. N. W.
Blundon, Francis A. (Public Work), 101 W. N. W.
Brenizer, Warren F. Co., Home Life bldg
Brennan Construction Co. (Generl Engineering Contractors), ft 31st N. W.
Brown, A. P., 1751 Q. N. W.
Burrows, Robt., Murdock Mill rd
Carmody, Frank S. Construction Co. (Public Work), 1413 G. N. W.
Clark J. Blake & Son, 1006 13th N. W.
Colburn Paving Co., Bond bldg
Cowsill, Arthur (General), 1403 F. N. W.
Cranford Paving Co., Home Life bldg
Dant, Geo. W., 520 7th N. W.
Drew, Fred, Colo. bldg
Ellett, B. H. 220 12th, S. W.
Fahey & Co., Wash Sav Bk bldg
Fowler, Wm. B., 233 Mass av, N. E.
Fuller, Geo. A. Co., Home Life bldg
Garber, Wm. F., 1337 U, N. W.
Gummel, Edw. C. (Sewer & Public), 612 F. N. W.
Horshor-Platt Co., Warder bldg
Hough, Geo. C., Corcoran bldg
Hughes, George, Bond bldg
Swainson, Jno. W., 804 E, N W
Talty, Stephen, 300 M. N. E.
Thomas, Columbus, 1709 35th N. W. (Large Builders)
Thompson- Starrett Co. (Building Construction), 60 Mass. av, N. E.
Yost, Wm. & Bro. (Public Work), 1002 Pa. av, S. E.

FLORIDA.

JACKSONVILLE—Cotter Wm. T. (Building, Public & R. R.)
Baltimore Construction & Building Co.
McDuff, W. A. (Public Work)
Merrill-Stevens Engineering Co.
Kendrick, W. H. (Macadam, etc.)
Ross, R. G. (Public Work)
ST. AUGUSTINE—McGuire & McDonald (General)
TAMPA—Scarlett, H. H. (Macadam, etc.)
Tampa Tile & Paving Co.

GEORGIA.

ATLANTA—Andrews, Perry, 15 Porter pl
Atlanta Tile Co. (Paving), 123 Central av
Bensel, Wm. (Builders, etc.), 66 E. Ellis
Booth, Samson (Grading), Inman bldg
Chambers, D. W. (Grading), 176 W Merritts
Georgia Tile Co. (Paving), Peters bldg
Griffin & Fitts, Peters bldg
Gude & Walker (Builders, etc.), 713 Prudential bldg
KREIGSHABER, V. H. (Paving)
Heifner, F. P., 221 Gordon
Ittner, Nicholas, 240 N Jackson
Johnson, D. W. (Grading), 23 E Mitchell
Jones, Eli (Grading), 103 Houston
Jones, Francis & Co., Prudential bldg
Lambert, J. W. (General), 402 W Simpson
Miles & Bradt (Builders, etc.), Austell bldg
Ramsey-Brisben Stone Co., Austell bldg
Renfroe & Moulder, 27 S Broad
Souders, B. (Paving), Empire bldg
Southern Paving & Construction Co., Kiser bldg
Street, Geo. T., 148 Windsor
Venable Bros. (Granite and Masonry), Temple Court
Wagener, Fred'k, 272 Gordon
Wilkins, Grant (Bridge & Construction Work), 23 Whitehall
Wright, J. A., 75 S Broad
AUGUSTA—Twiggs, Albert J. (Public Work), 352 Greene
COLUMBUS—Hardaway, Jones Co. (Bridges & Dams, etc.)
FITZGERALD—Harris, J. H. (Public Work)
MACON—Patterson, A. L. & Co. (Sewers, Paving, etc.)
MARIETTA—Black, L. & Son
Henderson & Austin
SAVANNAH—Ross, P. Sanford (River & Harbor), 16 E Bryan

ILLINOIS.

ALTON—Degenhardt, Chas. F. (Public Work)
Wolf, Curdie & Meupin (Sewer & Public)
ARCOLA—Crews, Lough & Allison (Paving, etc.)
AURORA—Hallett, H. D. (Public Work)
Mall & Doan
BATAVIA—Hendrickson, Jno. (Public Work)
Hunter & Griffith (Excavating, etc.)
Worth, Jno (Excavating, Sewer, etc.)
BELLEVILLE—Blomenkamp & Co.
Faulbaum & Glueck.
Hoeffkin, Maurice (Paving & Public Work)
Teupel & Kloess
BLOOMINGTON—Cable & Bryant, 905 S Low
Evans, J. W. Sons Co., 515 N Center
Harrop & Cooper, 215 E Front
McIntosh, Geo. (Sewer, etc.)
Stine & Stine, 804 S Summit av
CAIRO—Fitzgerald, Patrick
CANTON—Dougherty, H. & Co. (Paving & public), 144 N Main
Lingenfelter, John P. (Bridges, etc.)
CHAMPAIGN—Polland, Goff & Co. (Roads & Public)
Stipes, J. W. (Paving, etc.)
CHESTER—Swannick, W. C. (Bridge & Public)
CHICAGO—Agnew, John P. (Street & Public), 100 Wash'n
American Development Co. (Mining), 218 La Salle
Amory, Eugene E. (General), 108 La Salle
Anders, Aug., 539 Newport av
Anderson, Construction Co., 155 Wash.
Anderson, Adolph (General), 5745 Normal av
Angus Bros. & Co., 107 Dearborn
Ashton, Wm. R., 112 Clark
Avers, F. G. & Co. (Builders, etc.), 218 La Salle
Balrstow, Jas. (Paving, etc.), 120 Randolph
Bairstow, Jas. & Co., 4165 N Clark
Baker, David A. (Excavating, etc.), 3841 S Campbell av
Barnet, Jas. B. (Paving), 78 La Salle
Bates & Rogers Construction Co., Manhattan bldg
Bauer, Jos. (Excavating), 1549 Park av
Baum, Christian & Co. (Paving, etc.), 1638 Wallace
Behel, Wilbur F., 112 Clark
Bernritter, H. (General), 85 Dearborn
Bent, Ensley M. Co., 172 Wash'n
Bickford, John A. (General), 916 So Spaulding av
Blome, R. S. Co. (Paving, etc.), Unity bldg
Blunck, Ferdinand (Paving, etc.), 52 Wilmot av
Boedker, H. A. & Co. (General), 1432 Monadnock bldg
Bohan, Michael (Excavating, etc.), 1110 W 47th pl
Bracy, Howard Construction Co., 143 Dearborn
Bradley, Jas. D., 34 Wabash av
Brown, F. E. & Co., 138 Wash
Brown, F. S., 240 LaSalle
Brownell Improvement Co. (Paving & Concrete), Chamber of Com. bldg
Browning, W. H. & Co., 154 Lake
Buck, Niels, 125 La Salle
Burke Bros. (Sewers, etc.), 1252 S 42d av
Burkhardt, Chas., 5627 Augusta
Byrne, M. P. Construction Co. (General), 88 Wash'n
Calumet & Chicago Canal & Dock Co., Merchants' Loan & Trust bldg
Campbell, Arch. M. & Co., 164 LaSalle
Campbell, Murdock (Builders), 112 Clark
Canal Construction Co. (Excavating, etc.), 40 Dearobrn
Carlson, Oscar (Paving, etc.), 266 N Wells
Carson, A. B. Construction Co., 1223 Seminary pl
Chapman, M. H. (Excavating, etc.), 1425 W Monroe
Chicago & Great Lakes Dredge & Dock Co. Masonry, Public & Harbor), Cham. of Com. bldg
Chicago Dock & Canal Co., 34 Clark
Christie & Lowe (Eng. & Contractors), 171 La Salle
Dredge & Dock Co. (Masonry, Public & Harbor), Cham. of Com. bldg
Cigrang, John (Excavating, etc.), 2596 Lowell a
Clark, Jonathan (est.) (Builders, Public & Dredging), 2 Sherman
Clark, Thos. A. & Co. (General), 571 Carroll av
Clark, W. T. & W. I. (Builders, etc.), 138 Washington
Cogan & Pound (Public Work), 163 Randolph
Collins, Jas. H. & Co., 92 LaSalle
Columbia Construction Co. (R. R. & Public), 135 Adams
Congress Construction Co. (R. R., Water Works, Government, Heavy Masonry, etc.), 1517 Masonic Temple
Conlan, Jas. (Paving, etc.), 172 Wash'n
Conners, William J. (General), 410 N Water
Consolidated Water & Light Co., 143 Dearborn
Conway, R. F. Co. (Brick, Paving, etc.), 138 Wash'n
Cooper, John S. (Teaming, etc.), 450 Indiana
Cordes, Henry (Paving, etc.), 758 Lincoln av
Corse, C. J. (Paving, etc.), 134 Monroe
Crilly, Wm. M., 167 Dearnborn
Croake & O'Brien (Paving, etc.), 145 La-Salle
Crumb, W. H. & Co., Monadnock Blk
Curry, Samuel P. (Excavating, etc.), 6438 St. Lawrence av
Daniels, Oscar, 79 Dearborn
Decker, P. H., 52 Dearborn
Dillon & Conlan (Paving, etc.), 172 Wash'n
Dolese Bros. Co. (Grading, etc.), 78 La Salle
Dolese & Shepard Co. (Paving, etc.), 184 La Salle
Dorothy, Jno. H., 108 La Salle
Dowling & Rutherford (General), 185 Dearborn
Drury, T. F. & Co., 138 Wash'n
Duffy, Jos. J. & Co. (Sewer, Paving, Tunnel, etc.), 138 Wash'n
Dungan, Thos. A., 147 W Garfield boul
Earnshaw, Emanuel & Son (General), 204 Dearborn
Esson, Wm. A. & Co., Stock Exchange bldg
Falkenau Construction Co. (General), 108 La Salle
Farley, Jno. W. (Sewer & Public), Chamber of Com. bldg
Fitz Simons & Connell Co. (Timber Dealers, Canals, Piers, Tunnels, Foundations, Dredging etc.), Tacoma bldg
Flaherty, Martin (Excavating, etc.), 6223 Cottage Grove av
Fox, Osmond, 78 Lasalle
Foy, John F. (Excavating, etc.), 1412 Dunning
Frederick, Mathias, 84 La Salle
Fuller, George A. Co. (Builders, etc.), 1027 Marquette bldg
Fulton, J. L. & Co. (Paving, etc.), Monadnock blk
Gahan & Byrne (Public & Sewer), 4193 S Halstead
Galbraith, Thos. B. (Public Work), 2130 Indiana av
Gallagher, J. P. (Excavating), 5039 Shields av
Galvin, Jas. (Paving), 84 Wash'n
Garden City Paving & Post Co. (Paving), 167 Dearborn
Garthwait, F. M. (General), 138 Wash'n
Gelinas Bros. (General), 138 Wash'n
Giblons, Jno. (Grading), 615 Root
Gindele, Chas. W. Co. (Builders), 3333 La Salle
Globe Construction Co., 138 Washington
Gobel, H. E. (General), 140 Dearborn
Goldie Construction Co., 171 LaSalle
Goodison, Thos. (Excavating, etc.), 1157 Fulton
Grace, E. M., 112 Clark
Grace, Wm. Co. (Builders), 1408 Wabash av
Graff, Albert & Co. (Paving), 177 La Salle
Grant Construction Co., 134 Clark
Gross, Charles (Public Work), 112 Clark
Griffiths, Jno. & Son (Fire Proof Buildings), 135 Adams
Gurley, M. J. (Paving, etc.), 816 Grand av
Haigh, Jos. (Public Work), Marquette bldg
Hair, Wm. F., 412 40th
Hall, Wilson O. (Excavating, etc.), 60 De Kalb
Hamilton, Jno., 138 Wash'n
Hammond, Robb, 1089 Winnemac av
Hansen, Peter B. & Co., 160 Wash'n
Hanson, Arthur F., 9154 Commercial av
Harley, Alfred, 94 La Salle
Harley, Wm. (Excavating, Building & Public Work), 92 La Salle
Harris & McGimsie (Builders, etc.), 167 Dearborn
Hartigan, Fredk L., 59 Clark
Hauser Co. (R. R. & General), 271 Madison
Hayes, Dennis H. Co (Builders & General), 184 Dearborn
Hazzard, W. W. (R. R. & General), 204 Dearborn
Healy, Jno. M. (Sewer), 112 Clark
Healy, Wm. F., 97 Clark
Hecht, Siegmund, 163 Randolph
Heidenreich, E. Lee (Public Work), 541 The Rookery
Heil, Philip (Paving, etc.), 4371 Central
Heineman, J. A. & Co. (Paving, etc.), 84 La Salle
Hennessy Bros & Evans Co. (Builders & General), 100 Wash'n

Hill, T. E. & Co. (Round Houses, Machine Shops, etc.), Rookery bldg
Hoeffer & Co. (Paving, etc.), 138 Wash'n
Hoff, H. C. & Co. (R. R. Paving, etc.), 78 La Salle
Holland Construction Co., 90 La Salle
Holman, Chas. F. (Builders), 92 La Salle
Hoover & Mason (Eng. & Contractors), 84 Van Buren
Hyde, Benjamin (Builder, etc.), 138 Wash'n
Illinois Improvement & Ballast Co., 59 Clark
Inglesby, Thos. P. (General), 583 N Francisco av
Jackson & Corbett Co., 59 Clark
James, C. L. & Co. (Paving, etc.), Monadnock blk
Jensen & Jensen (Paving, etc.), 159 LaSalle
Johnson, Fredk. & Co., 1056 N Calif av
Johnson, John (Paving, etc.), 817 N Maplewood av
Joy, T. D. (Excavating), 2018 Fillmore
Jubb, Thos., 84 Wash'n
Karstens & Robrahn, 125 La Salle
Kartheuser, Jno. (Excavating, etc.), 160 Burling
Kearns, Chas. W., 6442 Jackson av
Kearns, T. A. Co. (Bridges, Docks, etc.), Fisher bldg
Kehl, Gottfried (Paving, etc.), 625 N Campbell av
Kelly-Atkinson Construction Co. (Builders, etc.), 188 Madison
Kenefick, Wm. (Railroad, etc.), The Rookery
Krug, Henry A. (Excavating, etc.), 616 32d
Krug, Sand Co. (Excavating & Sand), 167 Dearborn
Laffler, A. J. & Co. (Paving), 185 Dearborn
Lanquist, Andrew (Builder, etc.), Chamber of Commerce bldg
Larsen, H. P. (Paving), 145 LaSalle
Larson, Jno. A., 122 La Salle
Leach, L. L. & Son (Builders & General), 1402 Marquette bldg
Ledgerwood, Angus J. (Builders, etc.), 184 La Salle
Lorimer, Gallagher & Walsh Construction Co. (R. R. Canal, Masonry & Heavy Concrete), The Rookery
Lukey, Jos., 84 Wash'n
Lundy, Edgar S. (excavating, etc.), 6556 Champlain av
Lyman, Jas. & Co. (Public Work), 59 Clark
Lynch, Jas. J. (Paving, etc.), 138 Wash'n
Lynch, Jno. & Co. (Paving), 145 La Salle
McAdam, Peter (Paving, etc.), 1158 W Congress
McArthur Bros. Co. (Builders & Public Work), 277 Dearborn
McBeath, Geo., 92 La Salle
McCarthy, Daniel J. (General), 12 Sherman
McCarthy & Newman (Public Work, also Coal), N 40th & W Kinzie
McCarty Bros. (Builders), 134 Monroe
McCaughey, Patk. E. (Excavating & Grading), 744 Turner av
McCoy, Wm. (Paving), 163 Superior
McDonald, Angus P. (Paving, etc.), 463 S Marshfield av
McEvoy, W. P. & Co (Paving, etc.), 97 Clark
McGovern, M. H. (Paving, etc.), 84 LaSalle
McGrane, James (excavating, etc.), Elston av c N 43d ct
McGrath, Jno. J., 404 S Paulina
McGuire, Chas. J. (excavating, etc.), 116 S Homan av
McGuire, D. Sprinkling & Teaming Co. (Sprinkling & Teaming), 241 N Clark
McGuire, J. F. (Street Sprinkling), 36 La Salle
McNamara, Dennis, 561 46th pl
McNicols & Burns, 84 La Salle
MacDonald Engineering Co., 1454 Monadnock blk
Mace, Harry (General), 222 La Selle
Macomb, Geo. A., 138 Wash'n
Making, Wm. (Paving), 6558 Rhodes av
Matthews, Gideon G. (excavting, etc.), c Ewing av & 100th
Maynard, Everett W. (Paving, etc.), 439 W 64th
Meagher, Wm. (excavating, etc.), 5750 Normal av
Messersmith, Geo. (Masonry & Public), 56 5th av
Meyers, L. E. Co. (R. R., etc.), Monadnock blk
Mitter, Jos. H. (Paving, etc.), 919 S Homan av
Moore, E. H. (Paving, etc.), 145 LaSalle
Morava Construction Co., 204 Dearborn
Morrison, John J. & Co. (Excavating, etc.), 59 Clark
Mortimer, Wm. H. & C. J. (General), 184 LaSalle
Moses, Chas. A. (Builder, etc.), 138 Wash'n
Moulton, Geo. M. & Co., 279 Dearborn
Mueller, Paul F. P. (General), 109 Randolph
MUNICIPAL ENGINEERING & Contracting Co. (Sewer, Water, Gas Works, etc.), 315 Dearborn. (See adv index, end of book)
Nash Bros. (Sewer & Public), 84 LaSalle
Nash & Dowdle (Sewer, Public & Government), 145 LaSalle
Nelson, F. P. & Son, 138 Wash'n
Nelson, Thomas M. (R. R. & Public), The Rookery
Nerger, Fred (Excavating), 1319 Fulton
Netterstrom, Chas. M. & Son (Paving), 84 La Salle
Newman, Wm. J. (Grading, etc.), 84 LaSalle
Nichol & Anderson (Paving, etc.), 164 LaSalle
Nichols, Wales & Co., 1323 W Ravenswood park
Nicholson, T. & Son Co. (General), 315 Dearborn
North Amer. Railway Construction Co. (R. R.), 1320 Monadnock bldg
O'Day & Farwell (General), 145 LaSalle
O'Mara & Gahan (Paving, etc.), 5456 S Halstead
Page & Schnable, 188 Madison
Peacock, Frederick (Excavating, etc.), 217 Laflin
Pearce Construction Co., 269 Dearborn
Peckham, F. A. Co. (Steam Shovel Work a Specialty), Monadnock blk
Peterson & Fell, 77 Jackson boulevard
Phoenix Construction Co. (Water Works & Public), Fisher bldg
Pleas, J. H. & Co. (Paving, etc.), 306 Eastwood av
Porter, Chas. M. (Sewer, etc.), 84 LaSalle
Pound Construction Co., 163 Randolph
Pound, William, 3841 Elmwood ct
Powell Bros. (Paving), 138 Wash'n
Powell-West Co. (Paving, etc.), 204 Dearborn
Prendergast & Clarkson (General), 132 La Salle
Price, Abner (Masonry, etc.), 2219 Prairie av
Purcell, Jno. J. (Excavating), 1567 W 12th
Quinn, Joseph (Excavating, etc.), 1623 W Chicago av
Randolph, Phil. R., 34 Clark
Ray Bros. (Paving, etc.), 184 Dearborn
Reardon, Jos. M. (Paving, etc.), 1518 Barry av
Rector, Chas H. & Co., 115 Dearborn
Republic Construction Co. (R .R. & Public), 108 LaSalle
Rider, Geo. P., 125 LaSalle
Robinson, John C. (General), 113 Adams
Rodatz, Jacob (Masonry & Public), The Rookery
Roemheld & Gallery (Contracting Engineers), 138 Wash'n
Roessler, Frederick H. (Masonry & Public), 693 Fullerton av
Rookery Construction Co., Monadnock blk
Rosewell, Henry (Masonry & Public), 110 W Quincy
Ross, Alex M., Monadnock blk
Rowland, Thos. (General), 138 Wash.
Rus, Joseph (Masonry & Public), 1150 S Kedzie av
Russell, Geo. (Excavating), 2808 LaSalle
Ryan, Wm. J. & Co. (Building), 112 Clark
Sackley, Jas. A. Co. (Paving & Public), 307 Chamber of Commerce bldg
Safford, Henry D. (General), 115 Dearborn
Salomon, W. E. & Co., 159 La Salle
Savage Construction Co., 188 Madison
Schlueter, Henry W. (General), Marquette bldg
Schmidt, J. F. Bros Co., 70 La Salle
Schnur, Christ (Masonry & Public), 775 Girard
Schoening, Herman (Masonry & Public), 303 W 18th
Schwerin, William (Masonry & Public), 975 W 21st
Scribner, G. H., Jr. (Railroad, etc.), 135 Adams
Seckner Co. (General), 115 Dearborn
Sennott Paving Co. (Paving), 84 Wash'n
Sherwin, Joseph Co. (General), 693 47th
Shreve, Chas. E. (Railroad), 185 Dearborn
Simmons, Jos. (Excavating, etc.), 2163 W. Monroe
Simpson Construction Co., 138 Wash.
Sinclair Construction Co., Monadnock blk
Skotnicki, Jno. (Masonry & Public), 133 W Division
Smith & Brown (Paving & Public), 78 La Salle
Smith, Wm. Sooy (Pneumatic Caissons), Chicago Stock Ex.
Snider, W. E. (General), 160 Wash'n
Snyder, J. W. (Mining Plants, etc.), 145 LaSalle
Sollitt, Oliver Co. (Masonry & Public), 140 Dearborn
Sollitt, Ralph & Sumner Co., 140 Dearborn
Sproul, Elliott W. (Masonry & Public), 138 Washington
Stadler, Charles H. (Masonry & Public), 1073 S Hamlin av
Stafford, Louis H. & Co. (General), 145 La Salle
Standard Paving Co., 34 Clark
Stephens, Isaac H. (Masonry & Public), 5729 LaSalle
Strandberg, E. P. Co., 159 LaSalle
Streeter, Dan'l D., 355 Dearborn
Stubbs, Walter R. Contracting Co. (General), Monadnock blk
Stutz, M., 112 Clark
Suman, Wesley (General), 1142 Flournoy
Summers, L. L. & Co., The Rookery
Swift, Geo. B. Co. (Builders), 188 Madison
Taken, Barney, 794 N Irving av
Thatcher, D. A. (Paving), 145 LaSalle
Thompson, Solomon (Masonry & Public), 6024 S Sangamon
Thompson-Starrett Co. (Building Construction), 143 Dearborn
Thone, Henry C. (Masonry & Public), 1394 W Lawrence av
Tieman, Louis A. W. (Masonry & Public), 1810 W 90th pl
Treat, Chas. P. (Railroad, etc.), 1106 The Rookery
United States Repair & Guaranty Co. (Excavating, etc.), The Rookery
Valley Construction Co. (General), 108 Dearborn
Vider, Olaf P. (Grading, etc.), 525 Garfield av
Walk & Potratz, 978 N Halsted
Walsh, Jno., 1434 Armitage av
Walsh & Masterson, 97 Clark
Wardrop, Walter (Paving), 6034 Jefferson av
Warwick Construction Co. (For all classes of Fire Brick Work), Cham. of Commerce bldg
Weeks, Chas. A., 279 Dearborn
Wells Bros. Co., Monadnock blk
Wells & Campbell, 499 W 19th
Weston Bros., 135 Adams
Weston, G. W. & Co., 7321 Vincennes rd
Wheeler, W. W. Co. (Paving, etc.), 154 W Washington
Wetterstrom, Edwin J., 78 LaSalle
White, David & Co., 315 W 63d
White, Thos. M. (Excavating, etc.), 1163 Douglas boul
Will, Ernst & Co. (General), 88 LaSalle
Williams & Ward, 153 La Salle
Wise, Clift (General), 315 Dearborn
Witt, Aug. (Paving), 145 LaSalle
Wolfinger, Clarence I., 164 LaSalle
Wragg Frank (Excavating), 406 57th

COLCHESTER—Mills, S. D.

DANVERS—Johnson, Levi (Street)

DANVILLE—Cruzan, Alpheus (Paving, etc.)
Palmer, J. H. (Sewer & Paving)

DECATUR—Culver Electric Co. (Water Works, Electric Light Plants, etc.)
Dempsey, Geo. (Paving)
Giblin, John (Paving)
Gilbert, Adam F. (Sewer, etc.)
Kincaid, O. W. (Sewer, etc.)
Martin, E. L. Paving Co. (For Cement Paving)
Moffatt & Ammon (Sewer, etc.)
Tuttle, S. A. & Co. (Sewer & Public)

DIXON—Rink & Gaffaney (Excavating & Road)

EAST ST. LOUIS—Anderson & Co. (Sewer & Public), 11 N Main
Burke & Keeley (Grading & Sewer), 258 Arcade
Hill & Gaynord (Paving, Sewer, etc.), 11 N Main
Southern Illinois Construction Co., St. Louis av & Belt R. R.

EVANSTON—Toley, M. (Sewer, Paving & Public Works)
Wigginton, Jas. (Sewer, Paving & Public Work)

EWING—Smallwood, Sam'l (Macadam Roads, etc.)

FREEPORT—Hanke & Stuart (Sewer)
Holland & Ascher (Sewer, Paving, etc.)
GALENA—Scott, Carson (Street Paving, etc.)
GALESBURG—Bartlett & Kling (Builders & Public Work)
Bassler, John (Paving & Public)
Innes, J. R. (Paving, etc.)
MacAuley, John B. (Paving & Public)
O'Connor, Jas. (Sewer, etc.)
Telford, C. S. (Sewer)
HIGHLAND PARK—Laing & Forestal
JACKSONVILLE—Sherry, John & Son (Paving & Sewer)
JOLIET—Bennett, Nathan (Excavating & Street)
Campbell & Dennis (Public Work)
Du Page Construction Co.
McHugh, Patrick (Street)
Smith, C. J. (Sewer & Paving)
KANKAKEE—McLaughlin Construction Co.
Sinclair, D. Co. (Public & Railroad)
KEWANEE—Neville, W. A. (Large)
LA GRANGE—Esson, J. H. (Street, etc.)
LA SALLE—Charley Bros. (Paving, etc.)
LEXINGTON—Flesher, J. W. (Bridges, etc.)
LINCOLN—Davy, T. B. (Paving & Public)
Mayfield & Mitchell
LONGVIEW—Emery & Clem (Public Work)
Rake, John (Public Work)
MARSEILLES—Barron & Peace
MATTOON—Bresee, I. M. (Bridges, etc.)
MELROSE PARK—Barker, J. W. (Public Work)
MENDOTA—Bierworth & Co. (Street & Public)
Law & Barber (Sewer, etc.)
METROPOLIS—Green, T. B. (Paving)
MOLINE—Tri-City Construction Co. (Sewer, Paving, etc.), Masonic Temple, Davenport
MORGAN PARK—Morgan & Myrick (Public Work)
Washburn & Myrick (Public Work
MT. VERNON—Cotton, Jas. (Sewer)
Smith, Richard (Sewer)
Webber, Jas. (General)
NORMAL—Arbogast, W. J.
Elder, Frank F.
Huffington, R. M.
Metcalf, E. J.
Stevenson, George
OTTAWA—Wafer, J. J. (Sewer, etc.)
Walter, John (Sewer, etc.)
PALATINE—Patten, Chas. H. (Public Work)
PARIS—Morrisey & Porter (Roads, Paving & Public)
PEORIA—Abbey, A. L., 216 Spencer
Allen, Jas. S. (Paving, etc.), 1723 Main
Becker, Nicholas (Sewer), 226 E Armstrong av
Crescent Stone Co., 117 N Jefferson av
Filkey, W. H., 820 Del av
Green, Aug. (Excavating), 404 Proctor
Hoffman, Louis J., 706 7th av
Jobst, V. & Sons (Large), 233 S Adams
Kupper & Rump, McDougal c Sterling avs
O'Connor Bros. (Sewer, etc.), 205 S Jeff. av
Siefert, Fredk. (Sewer, etc.), 205 N Glendale av
Smith & Woods (Sewers, etc.), 1014 Webster
Thompson & Case (Street & Public), Masonic Temple bldg
PERU—White, J. L. (Water & Public Work)
PRINCETON—Brown, J. H. (Sewer, etc.)
Peterson, A. H. (Sewer, etc.)
QUINCY—Ahern, Robert P. (Paving, etc.), 823 Jersey
Appleton, Chas. H. (Dredging & Public), 1650 Jersey
Boll, Jos. E. & Son (Street), 116 N 10th
Brown, H. S. (Dredging & Public), 321 York
Ebert & Shanahan (Paving & Sewer), 925 Payson av
Eikelmann, Conrad J. (Paving, etc.), 1007 Lind
Shea, T. J. (General)
Simons, Peter (Sewer, etc.), 1400 Vine
ROCKFORD—Maffioli, G. (Paving), 211 E State
Rutledge, A. E. (Water Works, Sewer & Paving)
Tole, Thos. (Sewer & Paving), 1124 Rock
ROCK ISLAND—McConochie, Wm. & Sons Excavating, Grading, etc.), 2513 7th av
Nevins, Wm. (Paving, etc.), 2428 7th av
Rosenfield Bros. (Sewers & Public), 1609 3d av
Sears, David (Railroad), 12th st
Tri-City Construction Co. (Public & Building), 2422 7th av
SPRINGFIELD—Bretz, John F. & Son (Sewer & Paving)
Culver, John F. (Masonry, Stone & Granite)
Cunningham, Carmac K. (Sewer, etc.)
Irwin, Horace C. (Sewer, etc.)
McCaskey & Halcomb Co. (Electric Light Plants, etc.)
Spence, Wm. W. (Grading, etc.)
Taniton, T. E. (Public Work)
Welch, Patterson & Striffler (Paving & Public)
STREATOR—Swartz, Jas. (Street)
SUMMIT—McCaughey, John J. (Levee & Public)
URBANA—Bennett, John B. (Street)

INDIANA.

ALEXANDRIA—Brandon, Samuel J. (Paving & Public)
ANDERSON—Cronin, Wm. (Paving, Sewer, etc.)
Daniels, C. H. (Paving & Public)
Lukens, B. & Son (Public Work)
Lyst & Son (Cementing & Paving)
ATTICA—Foster, J. A. & Co. (Street & Public)
AURORA—Scott, John N. & Co. (Public Work)
BEDFORD—Shields & De Golyer (Road, etc.)
BLOOMINGTON—Donaldson, A. L. (Roads)
Griffey & Walker
Moore & Henley (Paving & Public)
BOONVILLE—White Contracting Co.
BRAZIL—Fitzpatrick Bros. (Macadam Roads, Paving, Railroad, etc.)
Kattman, C. H. (Roads, etc.)
CLOVERDALE—O'Brien & Co. (Macadam Roads)
COLUMBIA CITY—Brumbaugh, Frank (Paving)
COLUMBUS—Caldwell & Drake
Dunlap & Co.
Everroad, Wm. & Son
Keller, C. M. & Co. (Paving & Public)
McCormack, P. H. & Co.
Stillinger & Lee
CRAWFORDSVILLE—Clements, Henry (Public Work)
Waugh, Jas. M. (Sewer & Street)
ELKHARDT—Brumbaugh, J. Frank (Paving, etc.)
Kinneg, Chas. D. (Public Work)
ELWOOD—Dehority, J. A. (Public Work)
O'Brien, P. T. (Public Work)
EVANSVILLE—Anchor Roofing & Paving Co. (General), 128 Up. Water
Bedford & Nugent (General), ft of Division
Caden Stone Co. (General Stone Work & Heavy Masonry), 425 E Ohio
Cottage Building Co. (General), 301 L. Water
Davies, C. H. & Co. (General), 220 Up. 3d
Eichel & Weikel (Roads, etc.), 220 Up 3d
Evansville Contract Co. (Government), 220 Up 3d
Goodge, Geo. W. (General), 1308 Walnut
Hollerbach & May (General), 325 Up 3d
Kanzler, Christ. (General), 917 E. Ill.
Lannert & Rickwood (General), c Penn & Oakly
Lohse, H. & Co. (General), 7 2d av
Meguiar, Frank B. (Sewer, etc.), 510 Grant
Murray, Thos. W. (General), 1015 Walnut
Newman, Jno. L. (Sewer, etc.), 1325 Main
Reichert, Louis, 316 Madison av
Stinchfield & Saunders (Street, etc.), 310 Up. 3d
Stroud & Whitehead (Roads, etc.)
Vogt, Wm. (General), E S Governor nr Green River rd
Weikel, Jacob P. (Paving & Public), 5 Up 4th
Weiss, Otto (General), 525 S Garvin
FOREST—Dunn & Yoar (Roads, etc.)
FORT WAYNE—Derheimer, Jos. (Sewer & Public), 117 E Jeff'n
Draker, John (Sewer, Paving & Grading), 10 Short
Ft. Wayne Roofing & Paving Co. (Paving, etc.), 152 W Main
Moellering, C. E., Jr.
Olds, C. L. Construction Co. (Public Work)
Remus, Julius (Sewer & Public), 442 B'way
Rieg, Anton (Sewer, etc.), 100 Putnam
Trier, Henry (Bridges, etc.), 132 W Superior
FRANKFORT—Condon, C. H. (Public & Sewer)
Jenkins & Brown (Public & Sewer)
Ross, John A. (General)
GOSHEN—Hatch, W. W. & Son (Paving & Public)
Latta Bros. & Co. (Sewers, etc.)
GREENCASTLE—Browning & Bro.
GREENFIELD—Fries, Barr & Co.
Kirkpatrick, C. M. (Paving & Public)
Williams, Jas. (Street & Public)
GREENSBURG—Thompson & Kessing
Wortman Construction Co.
HUNTINGTON—Holz, Peter (Street)
Keefer & Bailey (General)
INDIANAPOLIS—Bender, Conrad (General), Majestic bldg
Bowe, R. L. (Paving, etc.)
Barrick & Son, 911 Walnut
Tusant, J. E. (General), 616 High
Bossert, Wm. (Sewer & Street), 216 W 11th
Browder, C. D. (Street), Stevenson bldg
Bruner Bros., 730 N New Jersey
Burch, Wm. (General), 1315 Hillside av
Caldwell, Marion, Fitzgerald bldg
Capitol Paving & Construction Co. (Paving, etc.), Hubbard blk
Carr, Jas. P. (General), Chester av nr Michigan
Cash, Richard M. (General), 40 E Wash'n
Caylor, Allen (Street), 501 W Pratt
Cooper & Cooper (Paving), Baldwin bldg
Drake, Robt. B. (Street), 2318 Brookside av
Driscoll & McCarthy, Majestic bldg
Dunn, F. M., 2609 Northwestern av
Eaton, Arthur E. (Street), 610 E 10th
Fatout, Danl. H. (Street), 2006 W Wash'n
Fife, Wm. & Son, Majestic bldg
Flaherty, Mich'l (Sewer), 232 W Ray
Foley, Daniel (Sewer & Paving), 840 English av
Fulmer, L. A. (Street), 845 English av
Halstead, Wm. C., Lombard bldg
Herron, Saml. F. (Sewer & Street), 453 W 15th
Hicks, Alvin P. (General), Fitzgerald bldg
Hoosier Construction Co. (Public Work), Fitzgerald bldg
Hoss, Jacob D. (Street), 1734 Brookside av
Hudson, Jas. L. (Sewer), 1320 Harlan
Hunt, C. F. Co. (Excavating), S State & Deloss
Indianapolis Construction Co., Brandon blk
Ittenbach, G. & Co., 916 Harrison
Jungclaus, Wm. P. Co. (General), 827 Mass. av
Keller, Julius Construction Co., 127 Fulton
Kenfick & Co., Fitzgerald bldg
Kenyon, C. A., Fitzgerald bldg
Kottlowski, E. A. (General), 525 S Pine
Lackey, F. M. (Street), 2119 Elliott
Lancaster, Geo. W. (Street), 3419 N Illinois
Lewis, Edw. (Excavating, etc.), 556 E South
McCray, Geo. W. (Street), 2137 N Senate av
McMillan, Jas. (Sewer), 715 W 11th
Marion Co., Construction Co., 529 Fulton
Milliken, Isaac W., Law bldg
Millikan, Lynn B., State Life bldg
Moore-Mansfield Construction Co., Stevenson bldg
Nuerge, Chas. & Co. (general), 1217 E Ohio
Patterson, S. W. (Street), 614 Maxwell
Pierson, J. C. & Son (general), Majestic bldg
Reinking, Hy. E. & Son (General), 1016 E Market
Robbins, Saml. (General), 614 Maxwell
Roberts, J. Harry (sewer & gravel streets), 703 E McCarty
Roepke, Chas. F. (street sprinkling), 532 Saunders
Roney, Henry C. (general), 1618 Park av
Rubush & Timmerman (General), Builders Ex.
Rubush, W. R. & Sons (general), 1223 Woodlawn av
Rust, Conrad (street sprinkling), 452 Cedar
Schlanzer, Benedict J. (general), 1338 Charles
Schreiber, Fredk. (general), 158 Palmer
Schumacher, John A. Co. (general), 820 E St. Clair
Sheehan, Eugene (sewer, etc.), 602 N Oriental
Shingler, Edw. (general), 1010 Sterling Market
Shover, Jas. E. (General), 219 N Alabama
Shover & Pease (paving, sewer, etc.), 322 E
Smock, Fred C. & Co. (General), 211 W. Walnut
Stewart, W. P. (Excavating, etc.), 11 N Alabama
Stanley, Geo. W. (general), 323 Adelaide
Tattersall & Ballard, 741 E Walnut
White & Harrison (general), 1135 E Pratt
Witty, Jno. B., Lamcke bldg
Zimmerman, C. & Sons, 19 S East
IRVINGTON—Austin, C. S. (sewer & public)
JEFFERSONVILLE—McCormack, P. H. Co. (general)
O'Neil, T. F. (general)
KOKOMO—Grace, Patrick, N Wash'n
LAFAYETTE—Asher, Edw. (street), 402 S 6th
Coleman, Ephraim (street), 329 Chauncey av
Eaton, Wm. O. (sewer, paving, etc.), 900 N 11th
Johnson & Parker (general), c 3d & North
Kessener, Henry J. (general), 113 N 8th
Overesch & Werkhoff (sewer), 842 Main
Parker & Yeagy (sewer, paving, etc.)
Parlon, Jas. (sewer, paving, etc.), 529 N 4th
Parsons, David (street), 1138 N 16th
Potter, Philip T. (general), 124 N 3d
Richardson, Chas. W. (general), 215 Vine, W. L.

Richardson, Jno. D., sewer, paving, etc.)
Snyder, Geo. W. (sewer, paving, etc.), 620 Ferry
Western Construction Co. (paving), c. 4th & Columbia
LA PORT—Harding, L. T. & Son, (roads, etc.)
LOGANSPORT—Barnes, Jno. E. & Sons
Corriden, Danl. (Street)
Ellison, Michael H. (street), 1417 B'way
Gallion Bros.
Gibson, N. C. (Street)
Gleitze, August (General)
Hupp, Wm. (street), 318 Linden av
Lewis, Allen (General)
McGreevy, C. J. & Sons (General)
Shafer, Wm. E. (street), 2211 High
Talbot, M. A. & Co. (general), 3 Elliott bldg
MARION—Barley, Chas. W. (sewer, paving, etc.)
Grandy, S. M. (sewer, paving, etc.)
Lillard, Lewis C. (sewer, paving, etc.)
Vermillion, Chas. (sewer, paving, etc.)
Willcuts, W. E.
MEDARYVILLE—Sternberg, C. H. & Son (Drainage)
MISHAWAKA—Hess, Alfred S. (general)
MUNCIE—Jones, Levi J. (Street)
Russey, Chas. R. (Paving & Sewer)
Sheets, J. G. (Street)
Shepard, Chas. T. (Street)
NOBLESVILLE—Heinzman Bros.
Wheeler & Cottingham (public work)
RICHMOND—Carroll Bros. (general), 136 Fort Wayne av
Crivel, Chas. (street), 400 S 9th
Cronin, Timothy, (street), 230 N 7th
Grottendick, F. W. (street), 50 S 23d
Miller, F. A. (street), 516 S 7th
Miller, Henry (street), 227 S 6th
Rehling, Wm. (cement & sewer), 223 S 6th
Turner, August A. (sewer & public)
Wagner, Wm. (sewer & public)
Waking, Fredk. (sewer, etc.), 431 S 10th
ROCKVILLE—Bradfield & Nowling (street & public)
RUSHVILLE—Wilk, Phil.
SHELBYVILLE—Butler & Smith (paving)
SOUTH BEND—Christman, H. G. & Co. (Large), 125 S St. Joe
Defrees, C. H. (Sewer & Street), 313 S Taylor
Nelson, James (sewer, paving, etc.)
Robert, Hoban & Roach (sewer, paving, etc.)
Scott, Christian B. (paving)
Webster, Lewis H. (sewer)
SPENCER—Babbs, Geo. R. (Roads & Grading)
TELL CITY—Miller, Fredk. (sewer & public)
TERRE HAUTE—Berheide, Lew F. (sewer), 804 N 8th
Cox, Braxton (sewer & street), 1438 N 8th
Erler, Wm. J. (sewer, etc.), 319 Swan
Indiana Construction Co. (sewer & public), 134 Wabash av
Kennedy, Michael (roads and excavating), 429 N 4th
Kinser & Sons (sewer & paving), 828 Ohio
Norton, D. W. & Co. (public & municipal)
O'Leary, Patrick (street), 25 S 13½
Patterson, Geo. S. (sewer & roads), 500 S 4th
Patterson, Jno. (sewer & roads), 502 S 4th
Peter, Jos. (sewer & roads), 500 S 4th
Robertson, Jesse (sewer & street), 629 Chestnut
Vorhees, J. E. & Co. (sewer, paving & public work), 521 Ohio
TIPTON—Porter, Barlow & Hadley (public work)
VALPARAISO—Clifford, P. T. & Son (general)
VEVAY—Hart, Jos. E. (telford & public)
VINCENNES—Bailey, R. L. (telford & public)
Spiker, J. S. & Co. (roads & public)
WABASH—Bridge's, Thos. Sons (bridges, piers & masonry)
Smith Bros. (street & sewer)
WASHINGTON—Brown, R. A. & Co. (general)
WORTHINGTON—Jean & Jean (roads, etc.),

IOWA.

AUDUBON—Ward, Jno. (waterworks & public)
BURLINGTON—Hoppman, Fredk. (paving, etc.), 230 S 10th
Kriechbaum, Geo. (paving, etc.)
Young, N. S. (railroad), 700 S 7th
CARROLL—Hart & Mohler
CEDAR RAPIDS—Bartlett & Kling (Builders & Public Works)
Bowe, R. L. (Paving, etc.)
Brown, F. (public work)
Conway, R. F. & Co. (street & public)
De La Hunt, R. C. (Sewer, etc.)
Doherty Construction Co.
Edgar, W. A. (sewer, etc.)
Ford & De La Hunt (sewer & public)
Murray Bros. (public work)
Wallace, L. & Son (Public Works)
CHARITON—Malloy, Smith H. (River & Public)
CHEROKEE—Millard & Syrmmis (Public Work)
COUNCIL BLUFFS—Campbell, C. E. H. (Bridge)
DAVENPORT—Buck, J. W. (Water Works, etc.)
Carlin, W. P. (Paving, etc.)
Connelly, Patk. (Sewer, etc.)
Davenport Construction Co. (Street & Public)
Flick & Johnson Construction Co. (Public Work)
General Construction Co. (Eng. & Cont'rs.)
Hearn, W. J. (Paving, etc.)
Hell Bros. Construction Co. (R. R. Street & Excavating)
High, Jno. E. & Son (Grading, etc.)
Tri-City Construction Co. (R. R. Street & Public)
Walsh Construction Co. (Paving & Public)
DES MOINES—Badgley, U. S. G., 714 Locust
Barrick & Son, 911 Walnut
Benson & Marxer, 425 Grand av
Boldrick, R. H. (Sewer), 864 21st
Butcher & Storey, 527 E. Walnut
Capitol City Brick & Pipe Co. (Paving, etc.), 2, 9th
Cram, Frank, 505 Grand av
Cutler, Edwin (Sewer), 612 Grand av
Dagle, Frank, 2303 University av
Des Moines Bridge & Iron Works (Public Works), Tuttle nr 9th
Dubois, E. L. & Co. (Sewer, etc.), Youngerman blk
Greeley, J. B. & Son, 820 10th
Hammond, C. H., 919 Grand av
Ives, G. E. (Brick, Carpenter & Builder, etc.), 512 E 6th
Kemp & Gibson, 610 High
Kennedy, M. V. (Sewer & Public), 1063 7th
King, G. M., 312 Youngerman blk
Kurtz, L. H. (Sewer), 312 Walnut
Lilley, O. & Sons, 1045 19th
Likes Improvement Co. (Paving, Sewer, etc.)
Magden & Sheely (Paving), Clapp bldg
Maine, Jas. & Sons Co. (Paving & Sewer), 119 8th
Marohn, Fred. (Street, etc.), 1184 4th
Marshall & Kilpatrick, 1422 24th
Mitchell, W. F. & Co.. 116 8th
O'Brien Co. (Paving, etc.), 948 10th
Richards, A. L. Clifton av
Robertson, S. A., Good blk
St. John & Barquist (Roofing), 412 8th
Shepard & Hanrahan, 410 4th
Stark, N. M. & Co. (Paving & Bridge), Crocker bldg
Turner, J. W. (Sewer, etc.)
Tusant, J. E. (General), 6-6 High
Weitz, Chas. & Son, 713 Mulberry
DUBUQUE—Cleaver & McCarten, 133 8th
Evans, E. J. (Street), 204 W Locust
Kringle, O. G. (Paving, etc.), 31 Grandview av
Portland Paving Co. (Public Works)
Steuck, C. A. (Paving), ~~ Francis
Street, J. Y. (Street)
Webster, E. T. (Sewer & Public), 872 Bluff
Williams, J. P. (Paving), 1450 Iowa
FORT DODGE—McCann, Frank (Sewer & Public)
FORT MADISON—Fort Madison Construction Co. (Sewer & Public)
GRANDVIEW—Zimmerman, Chas. (Excavating, etc.)
GRINNELL—Coutts, R. G. (Public Work)
HAWARDEN—Allen, W. W. & Co. (Public Work)
IDA GROVE—Mitchell, Wm. & Co. (Public Work)
IOWA CITY—Berry & Welch (Sewer & Public)
Hanlon, Thos. (Sewer & Public)
Horrabin, Wm. (Paving & Sewer)
Lauer, J. B. (Paving, etc.)
KEOKUK—Bartlett & King (Builders)
Brehany & Sons (R. R. & Public)
Cameron & McManus (Levee, Paving, Sewer & Public)
Diver, J. B. & C. (Bridge & General)
McManus & Tucker (Paving & Public)
Patterson Bros. (Public Work)
LE MARS—Evans, Jno. (Sewer Street)
Symms, Chas. D. (Sewer, etc.)
MARSHALLTOWN—Jayne, J. H. (Bridge)
Kurtz Bros.
Le Plant & Son
Wetherly, T. C. (Bridge)
MASON CITY—Farrell & White (Paving)
Gabler & Lippert (Paving)
Naramore & Co. (Paving)
Wells, Irving (R. R. & Public)
MUSCATINE—Baker, E. (R. R. Sewer, Paving, etc.)
NEW HAMPTON—Roberts, E. (Paving)
Garmen & Forkerbrock (Water Works)
OSKALOOSA—Blake, C. W. (Paving, etc.)
Carlon, G. H. & Son (Paving, etc.)
Nelson, Peter (Paving, etc.)
Wareham, Nathan (Paving, etc.)
SHELDON—Wade, F. E. (Public Work)
SIOUX CITY—Baker, R. F. Co., Brown blk
WATERLOO—Moothart, Jno. W. (Paving)

KANSAS.

ARGENTINE—Drollinger, W. A.
ATCHISON—McAuly & Bryning
Missmer, S. M. & Co. (Paving, etc.)
BELLEVILLE—Van Ness & Bundy
BLUE RAPIDS—Allerdice Bros.
CLIFTON—Baker & Rhoades
COTTONWOOD FALLS—Chase County Stone Co. (General)
EMPORIA—Cheshire, J. A. (General)
JUNCTION—Cook, W. W. & Son (Waterworks, etc.)
KANSAS CITY—Cates, Chas. P., 845 Minn. av
Daish, J. W., 605 Everett
Leavenworth Construction Co., 525 Minn. av
Lusk, J. N. & Son, 1053 Ella
Mahoney, Jno., 503 Armstrong
Thompson, F. A., 630 Quindars boul
Tibbetts, R. N., 17 N Valley
Wylie, Wm. W., 341 Waverly
LAWRENCE—Cardwell, E. H. (Paving & Public)
Frederickson & Watts (Paving & Public)
Gustafson & Palm (Paving & Public)
Huddleton, E. (Macadam, etc.)
Olson, O. G. (Paving & Public)
LEAVENWORTH—Chapin & Greever (Paving, Sewer & Public)
McGonigle, Jas. A. (Large)
NEWTON—Evans, Frank (Street)
Moore, All (Street)
NO. TOPEKA—Dolman, Samuel, 824 N Quincy
Morse, Jno. S., 219 W Gordon
Winaus, H. K., 1202 N Van Buren
OBERLIN—Jackson, Geo. W. (General)
PARSONS—Hardman, J. M. (General)
Merwin, J. C. (Paving)
Noakes, Wm. (Paving & Sewer)
VALLEY FALLS—Moyer, E. & Co. (Bridges)
STRONG CITY—Lantry, B. Sons (General)
Rettiger & Norton (General)
TOPEKA—Cuthbert & Sargent (General)
Hanley & Co. (Paving & Public)
Ritchie & Ramsay (Paving, etc.)
WICHITA—Burd, J. C., 716 E Central
Covell, T. G., 1631 W Glen
Hartle, N., 1403 N Lawrence
McKnight, Robt., 250 N Lawrence
Morris, J. B., 834 W Waco
Taylor, G. R., 520 S Campbell
Woody, Enoch, 1447 N Lawrence

KENTUCKY.

ASHLAND—Davidson & King (Street, etc.)
BOWLING GREEN—Underwood, R. (Street)
CLINTON—Boone, W. F. & Son
COVINGTON—Baird, Chas. A., 2024 Edward
Carl Bros. & Co. (Sewers, Excavating, Masonry & Public), Lewis & Baker
Farrell, James (Stone), 3d bet Phila & Bakewell
Wood, Elsworth L. (Street Work), 19th & Edward
DAYTON—Otters, Henry
Trapp, John (Street Work)
Walter Bros.
FRANKFORT—Cryer & Miner
Mason, Hoge, King & Co. (Sewer & Public)
HENDERSON—Bailey & Kroener
Boneberger, Jake (Sewer)
Jenkins F. M. (General)
Manion, Edw. (Paving, etc.)
O'Connor, Pat'k (Sewer)
Sinnott, Frank (General)
Stewart, Jno. (General)
LEBANON—Goodin, Harry (Street)
Goodin, R. G. (Street)
Goodin, R. L. (Street & Paving)
LEXINGTON—Home Construction Co. (Public Work)
Lexington Hydraulic & Mfg. Co. (Water Works)
Lyttle & O'Neil

LOUISVILLE—Bickel, Henry, 1048 Garden
Bornstein, J. (General), 724 1st
Bott, Jno., Tyler bldg
Colston, E. L. (General), 423 W Green
Cornell, W. H. (Paving), 2130 28th
Cornwell, Chas. L., Columbia bldg
Dalton, G. E., 1114 4th
Davison, M. S. (General), 1052 2d
Denzinger & Straub, 617 Lampton
Figg, L. R. (General), 306 6th
Gleason, J. R. (Steel, etc.), 544 W Jeff
Gosnell, Horace S. (Street, etc.), 327 5th
Hughes, A. S. (General), 1544 2d
Karrer, Edw. (Excavating), 1433 E Jacob av
Kremer, H. L. & Co., 445 W Main
Lewman, M. T. & Co. (Builders & Public). Tyler bldg
Lou Wrecking Co., 211 Clay
McWilliams, Jos. & Co. (Builders, etc.)
Martin, W. D. (Street), 2500 Beech
O'Connell, Wm. (Excavating), 1715 Jackson
Ronimel Bros., 915 E B'way
Schmitt, Jno. & Son, 1121 Overhill
Scott, Albert (General), 416 26th
Selvage, C. J. (General), 1934 1st
Sibler, Jos. & Co. (General), 1120 26th
Willett, D. J., Tyler bldg
LUDLOW—Southern Contracting Co. (Large)
MIDDLESBOROUGH—Ausmus Bros.
Gallagher & Sloan
MORGANFIELD—Morganfield Construction Co.
NEWPORT—Fitzsimmons, Jas. H. (Street Work), 12th and Brighton
McLane, Jas. S. & Son, 9 E 4th
Spinks, Chas. & Son (Street Work), 121 E. 6th
Wagner, Paul (Stone), 1131 John
OWENSBORO—Dawson, C. E. (Street)
PRYORSBURG—Kentucky Construction & Improvement Co.
SHELBYVILLE—Megane, Timothy (Street, etc.)
O'Leary, Daniel (Street, etc.)
SIMPSONVILLE—Bryan & Jones

LOUISIANA.

HOME PLACE—Adena, Victor (Levee & Public)
ILLAWARA—Nicholson, R. (Levee & Public)
Dringle, Jos., Jr. (Levee & Public)
JENNINGS—Cook-Montgomery & Co.
LAKE PROVIDENCE—Donovan, Daley & Garbish
MANCHAC—Hanick, M. (Levee & Public)
MARK—Babbitt, I. R. (Levees)
MILLILKENS BEND—Calthar, A. S. (Levee & Public)
MONROE—Duncan, M. (General)
Voss, H. C. (General)
MOUND—Maxwell, F. A. (Levee & Public)
NEW IBERIA—Guillott, Eugene (General)
Taylor, J. W. (Paving, etc.)
NEW ORLEANS—Babst, Chas. J. (Paving & Public), 1205 S Franklin
Callagham & Graham, 421 Carondelet
Carey, W. T. & Bro., 630 Camp
Christie & Lowe, 107 Camp
Congress Construction Co. (R. R., Water Works, Government, Heavy Masonry, etc.)
Cook & Laurie Co., 636 Camp
Cusachs & Co., 316 Barrone
Dameron & White, Hennen bldg
Dowdle & Windett, Hennen bldg
Fabacher, Jos., 219 Dauphine
Ferguson, Jas. M., 825 Union
Gardner, J. H. Cons. Co., 505 Tchoupitoulas
Garvey, Chas., 204 Carondelet
Glenny & Castanedo, Hennen bldg
Glover, Geo. J., Hennen bldg
Irwin Bros. (Sewers & Public Work), 627 North
Kracke & Flanders, 630 Gravier
Menzies & Co., 830 Canal
Muir & Fromberg, 211 Camp
National Contracting Co., Hennen bldg
Orleans, Chas. A., 319 Carondelet
Remington Construction Co., Hennen bldg
Roso, Jno. O. B., Hennen bldg
Scott, N. G. (R. R. & Pile Driving), Hennen bldg
Tranchina, D. & J., 1104 6th
POINT PLEASANT—Bland, Lucien (Levees)
ROBSON—Robson, Wm. & Son (R. R. & Levee)
ST. ROSE—Lambert, J. M. (Levee & Public)
Williford, E. H. (Levee & Public)
SHREVEPORT—Chatwin Bros. (Street & Public)
Talbot, J. L. (Street)
TALLUAH—Erwin, M. P. (River)
VILLA VISTA—Nicholson, Robt. (Public Work)

MAINE.

BANGOR—Smith, W. D. (R. R.)
KENNEBUNK—Ward Bros.
LEWISTON—Bearce & Clifford Construction Co. (R. R. Sewer & Masonry)
NORTH DEXTER—Flanders, E. A. (Roads, etc.)
PORTLAND—Bennett, Wm. F. & Son, 3 Moulton
Griffin, D. F. & Bro. (Paving & Public), 106A Exchange
Libby, S. & Son (Excavating, etc.), 191 Brighton av
Mahoney, John J. (Sewer, etc.), 102 Cumberland av
Randall, J. S. (General), 221 B.
Shanahan, Richard D. (Public Work), 231 Franklin
Westcott, Jos. &Son (Public Work), 120 Exchange
Worster & Wilson (General), 92 Stevens av
ROCKLAND—Glover, W. H. & Co. (Public Work)
White, W. S. (Public Work)
RUMFORD FALLS—Cummings, H. P. & Co.

MARYLAND.

ANNAPOLIS—Jewell, Geo. (Paving, etc.)
BALTIMORE—Atkinson, Jas. H. (Paving, etc.), 14 North
Aull, L. J., 414 Waverly av
Baltimore Building & Construction Co., Union Trust bldg.
Bennett, Benj. T. (Builders), 123 S Howard
Bennett, Rufus & Son (Builders), 12 P. O. av
Berry & Tracey (Stone Masonry), cor Hamburg & Ohio av
Buckley, Jno. T. (Large Builder), 127 Richmond
Calvert Building & Construction Co., Equitable sbldg
Carstens, Fred C. (Builders), 655 Cider al
Construction Engineers Co.
Cowan, Jno. (Large Builder), 106 W Madison
Davis, Milton C. (Builder), Builders Exch.
Decker, Fred & Son (Builders), 1209 E Biddle
Donovan, Thos. J. (Builder), 104 E Hamilton
Douglas, Gilmor & Co. (General), Equitable bldg
Ferguson, Wm. & Bro. (Large Builders), 214 Clay
Filbert Paving & Construction Co. (Paving & Grading), 1210 Block
Fuller, G. A. Co. (Builders), 612 N Calvert
Garvey, Jno. J. (Paving), 1417 Ensor
Gault, Wm. A. & Son, 9 E Lexington
Gilbert, Frank B., 612 N Calvert
Glen, Benj. (Bridge), 128 South
Gross, H. E. 1822 N Charles
Hanrahan, Bryan & Sons (Granite Work), cor Park av & Preston
Harden, Thos. J., 971 Fkd. av est.
Hare, T. F., 11 E Lexington
Harrower, J. Wm., 16 E Lexington
Hess, Jno., 1104 Guilford av
Hiltz, Jno. & Son (Large Builders, 3 Clay
Hoffman, H. P., 2020 S Charles
Holland, Jackson, 115 W Fayette
Holljes, Diedrich, 7th av c Clinton
Hook, Chas. A., Jr. (General), Clay &
Howser, Geo. W., 748 Columbia av
Huse, A. R. & Sons, 12 Gorsuch av
Jones, T. B. (R. R., Sewer Masonry, Wharfs, etc.), Fidelity bldg
Kennedy, Jos., 515 S Paca
Ketchum, Fred. M., Arlington
Kirby, Jno. E., 1830 E Eager
Lannatewitz, Chas. (Paving), 1608 Clarkson
Lauer & Harper Co. (Building & Bridges), Builders' Exch.
McCabe, James F. (Paving, Tunnel, Bridge & R. R.), Equitable bldg
Maryland Pavement Co. (Asphalt Block & Tile Pavements), Equitable bldg
Reddington, Patrick (Paving & Public), 1344 Aisquith
Sanford & Brooks Co. (Railroad, Dredging, Harbor & Government Work), 21 S Gay
Schmidt, Louis (Paving Granite), 38 S Bond
Schwind Quarry Co. (Paving & Masonry), Fidelity bldg
Simpson, Chas. W. (Builders), 415 E Lexington
Smith, Henry & Sons (Building & Public), 116 S Regester
Spicknall, Chas. A. (Builders), 237 N Fremont
Springer, Eng. D. (Builders), 424 S Charles
STEWART, J.S. & CO. (Harbor, Marine & Heavy Buildings), 319 N Charles. (See adv. index, end of book)
Stockhausen, Chas. L. (Builder), 208 Patterson
Thormann, Jno. H. & Co. (Sidewalks), 12 McClellan
Walsh, J. J. & Son (Large Builders), 1525 Maryland av
Waters, Jno. (Large Builder), 23 E. Centre
Wernig, Jos. S. (Hauling), 100 W Lombard
Zimmers (Roofing), 1808 Frederick av
CUMBERLAND—Martz, G. H. (Paving)
Walton, A. J. (General)
HAGERSTOWN—March & Keedy (Public Work)
LAUREL—Shea & O'Brien

MASSACHUSETTS.

ADAMS—Cook & Bro.
ARLINGTON—Welch, Richard A. & Co. (grading)
ATTLEBORO—Perry, N. & Co. (sewer, etc.)
BEVERLY FARMS—Connolly Bros. (public work)
BOSTON—Appleyard, A. E. (Public, etc.), 50 State
Atlantic Construction Co. (Public Works), 6 Beacon
Attridge, Philip J. (Grading, etc.), 180 London
Bay State Dredging Co., 19 High
Bartlett, C. L. (Excavating, etc.), Blue Hill av. nr Norfolk Mat.
Behan, John (Excavating, etc.), 42 Shannan
Benson, Axel. W., 72 Tremont Br.
Biggs, D. M. (Excavating, etc.), 115 Marsh
Bishop, J. W. Co. (Builders & Public Work), 683 Atlantic av
Blanchard, Chas. C. (General), 220 Devonshire
Bradley, John (Grading), 134 Wrentham, Dor.
Brennan, Stephen (Building), Tremont bldg
Brennan, P., & Co., 30 Chestnut, Chsn
Breymann, G. H., & Bros., 293 Marginal
Brine, Robt. S., Transportation Co. (Telford Roads), 43 India
Brown, Simeon W. (Grading), 118 Brighton av, Alls.
Bryne, G. M. (Public), 7 Water
Buckley, W. L. (Grading, etc.), 85 E. Cottage, Dor.
Burns, David F. (Building), 36 Bromfield
Cavanagh, Geo. H. (Bridge, Wharf & Pile Driver), 166 Devonshire
Cavanagh, Jno., & Son (Building, Moving & Heavy Masonry), 473 Dorchester av
Cavanagh, Terrence, 471 Dorchester av
Cheney, Ethan R. (Street & Public Work), 166 Devonshire
Clarke, Allan (Grading etc), 273 Western av, Br.
Clinton, L. C. (Grading, etc.), 43 Withington, Dor.
Coleman, Jno. C., & Son (Street & Public), 41 Ritchie, Rox.
Coleman Bros., 15 Court sq.
Collins & Ham (Public Work), 119 Boston
Colson, James A., & Son, 6 Monument sq
Connors, John, 8 Danube
Cook, H. P., & Co. (Street, Roads & Public Work), 15 Federal
Cotter, Michael (Grading, etc.), 111 Western av, Br.
Coughlan, Jas. J. (Public Work), 19 Worthington
Cowin, F. H., & Co. (Public, etc.), 100 Boylston
Coyle, Jno. F. (Grading; etc), 543 E 2d
Cram, B. M., 6 Beacon
Cram, D. H. (R. R. Bridges & Public Work), Power st, S. B.
Crane, J. H. (Public Work), 18 Hopedale
Crosby, C. H., & Co. (Public Work), 170 Summer
Crowley, John (Grading, etc.), 622 E 5th
Cushing, Patrick (Public Work), 400 Harvard, Dor.
Dodge, C. A., & Co. (Building & Masonry), 8 Beacon
Donlan, Anthony (Grading, etc.), 725 South, Ros.
Donovan, John (Grading, etc.), 95 Milk
Donovan, Patrick F. (Grading, etc.), 115 Terrace
Dooley, R. P., 104 Fellows
Doonan, Jas. (excavating, etc.), Taft's pl
Dorchester Construction Co., 119 Boston
Doyle, Jno. J. (Ppublic Work), 272 Tremont
Eastern Dredging Co. (river & harbor), 247 Atlantic av
Eglee-Bunting Co. (Water Works & Public), 120 Milk

Ellis, W. H. (Bridge & Masonry), 17 Milk
Everson, E. W. & Co., Huntington av c Ward
Fosburgh, R. L. & Sons (Manufacturer & Power Plants, Railroad Buildings, Heavy Masonry & Concrete), 113 State
Foss, Geo. H. & Co., 50 Bromfield
Fuller, Geo. A. Co. (Builders), Board of Trade bldg
Galligan, Jas. (excavating, etc.), 35 Winship (Br.)
Gilbreth, Frank B., 176 Federal
Gill, T H. & Co.. 31 Milk
Gore, H. & Co. (paving & electric R. R.), 54 Kilby
Gow & Palmer (General), 50 Congress
Hannon, Frank J. (Grading, etc.), 166 Devonshire
Hanscom, H. A. Co. (Grading, etc.), 53 State
Harries & Letteney Co. (Public Work), 8 Beacon
Haskin, Chas. A. (grading, etc.), 16 City sq
Hayes, Geo. & Co. (public work), 166 Devonshire
Healey, P. J. (Sewer Cleaning, 10 Tremont
Holbrook, Cabot & Rollins Corp., 6 Beacon
Hub Construction & Supply Co., 685 E 5th S. B.
Jones & Meehan (street & public work), 1 Beacon
Keyes, W. H. & Co. (builders, street & public work), 95 Milk
Kiernan, M. (excavating, etc.), 34 Winship, (Br.)
Kiley Daniel J., 95 Milk
King, J. A. (excavating, etc.), 729 Wash'n (Dor.)
Lahey Bros. (Masonry & Granite), 9 Cornhill
Lahey Bros. (masonry & granite), 17 State
Langford, Jno. T. (public work), 70 Kilby
Lawler Bros. (heavy masonry, etc.), 16 City sq
Libby, A. A. & Co. (paving, etc.), 79 Milk
McBride, Jno. (excavating, etc.), 10 Winship (Br.)
McGovern, Jas. (excavating, etc.), 875 Adams (Dor.)
McGovern, Patrick (Paving), 6 Beacon
McLaughlin, Jas. & Son, 15 Huntoon
McMorrow, Jno. (grading, etc.), 328 Adams, (Dor.)
McMurtry, A. J. & G. H. (Excavating, etc.), 16 Shepard (Br.)
McNeil Bros. (building & public), 196 Freeport
McShane, Jno. (Grading, etc.), 56 Coffey
Mack & Moore (masonry, etc.), 22 Chapman pl
Macomber, Geo. B. H. & Co. (Builders, etc.) tion), 141 Milk
Metropolitan Contracting Co. (street and public work), 95 Milk
Miller, W. L. (Bridge and Masonry), 166 Devonshire
Moore & Co. (Water Works and Public Work), 12 Pemberton sq
Moulton & O'Mahoney (Sewer, R. R. & Public Work), 209 Washington
Monroe, W. B. (Public Works), 181 Tremont
Murray, Eben (Excavating, etc.), 115 Arbor way
Nawn, H. P. (Excavating & Public), 82 Savin
NORCROSS BROS. CO. (Builders & Public Works), Tremont bldg. (See adv. index, end of book)
O'Brien, J. W. & Co., 264 Wash'n
O'Connell, Dennis F. (Heavy Masonry, etc.), 55 Snowhill
O'Keefe, Michael (Excavating), 344 Market Br.
'Riorden, Patrick (Est. of) (Excavating, etc.), 95 Milk
O'Rourke, Jos. B. (Public Work), 19 Pleasant Dor.
O'Toole, Patrick (Grading, etc.), 128 Boylston, J. P.
Quirk, D. S. Co. (Excavating), Tudor's Wharf
Rafferty, Wm. J. & Co. (Grading, etc.), 33 Champney
Richmond, Albion K. & Son (Stone Setters, etc.), 511 E 5th
Richmond, Augustus C. (Street & Public Work), 351 Dorchester
Ross, Joseph & Sons (Bridge & Dock), 28 School
Scully, Jno. T. & Bro., 95 Milk
Seretto, Michael (Sewer & R. R.), 42 Court
Shaw, Jas. F. & Co. (Public Work), 8 Congress
Smith, H. W. & E. G. (Pile Driving), 362 Border
Snow, F. A. (Public Works), 166 Devonshire
Soule, Dillingham & Co. (Paving & Street Railways), 19 Exchange pl
Soule, L. P. & Son (Building & Masonry), 166 Devonshire
Spear, Alvin, 511 La Grange, W R
Sullivan, Dennis J. (Grading, etc.), 87 W Selden
Sullivan, Jeremiah J. (Excavating, etc.), 95 Milk
Sullivan, Jno. H. (Road & Sewer), Lake & Commonwealth av
Sullivan, P. (Excavating), 283 Norfolk av
Thompson-Starrett Co. (Building Construction), 141 Milk
Trumbull, C. E. Co. (Sewer & Public Work), Tremont bldg
Turner, H. G. & Co. (Paving, etc.), 20 Central
Union Paving Co., Tremont bldg
Ward, Patrick (Excavating), 230 South, J. P.
Waterman, Harry O. (Grading, etc.), 65 Carolina av
Wentworth, Geo. H. (Macadam Roads, etc.), 39 Oakland (Br.)
Welsh, Timothy J. (Excavating), 8 Lauriat av
Whidden & Co. (building & masonry), 43 Milk
Willcutt, L. D. & Son (building & masonry), 166 Devonshire
Woodbury & Leighton Co., 166 Devonshire

BROCKTON—McDermott, Chas. & Son (excavating, grading, etc.), 388 Pleasant

BUZZARD'S BAY—Hale & Whipple (telford roads, etc.)

BROOKLINE—Allen, Phillip S. (street), 81 Green
Driscoll, J. & Co. (public work)
O'Hearn, M. J. (sewer & street), 191 Davis

CAMBRIDGE—Condon, Wm. 351 Putnam av
Donahue, John J. (Public Work), 20 Decatur
Elston, M. & Son, Main c Pioneer
Linehan, Chas. (Public Work), 48 Bridge
O'Brien, John F. (Street), 2280 Mass. av
O'Sullivan, Michael (General), 14 Mill
Sullivan, Jeremiah (General), 25 Willard

CHICOPEE—Gauther, Edmond (Excavating)
Healy, Michael C. (Excavating)
Rivers & Young (General)

CLINTON—Martin Bros. (Street)
Murphy & Co. (Public & Masonry)
Taylor, Chas. N. (Roads & Public)
Winston, C. & Co. (Sewer & Public)

DORCHESTER—(See Boston)

EASTHAMPTON—Hendrick, Geo. W. (Railroad & Public)

EAST WALPOLE—Carberry, Andrew (Macadam & Public)

EVERETT—Coleman Bros.
Crowley, Jas. & Son, 2d st

FALL RIVER—Allen, A. A. (Road Bldg & Excavating), 2524 N. Main
Beattie, Wm. (Dredging & Public), 38 N. Quarry
Donnelly, Jas. A., 225 Bedford
Dudevoir & Savoir, Oak Grove av c Locust
Lacombe, Jno. G. (Teaming), 255 Columbia

FITCHBURG—Crowley, Jer. (Excavating & Grading), 23 Belmont
Fitchburg Excavating Co., 2 Day
Powell Bros. (Excavating), 2 Day
Works & Briggs, 145 Main

FLORENCE—Warner, H. W. (Public Work)

FRANKLIN—McCarty Bros.

HAVERHILL—Cashman, Jno. (Excavating, Road & Paving), 150 Hilldale
Cate, F. H. (Sewer & Excavating), 2 Clinton
Hall, Thos. C. (General), Main n Rosemont
Marshall Bros. (Grading & Masonry, etc.), 2 Hancock
Stickney, Uat. (Dredging & Harbor), 157 Main, Bradford

HOLLISTON—Adams, G. C. (Macadam & Public)
Shipper, J. D. (Macadam & Public)

HOLYOKE—Bosworth, G. L. & Co. (Masonry, etc.), 120 Dwight
Kennedy, P. J. (Excavating & Grading), 464 Maple
McMullen, Arthur (Dam Builder, etc.), Prospect n Dam
O'Connell's, D. Sons (Water Work & Public), 188 Hampden
Rivers & Young (Dam Builders, etc.), 72 Skeel, Will

HULL—Mitchell, John L. (Road)

JAMAICA PLAIN—(See Boston)

LAWRENCE—Guilmet & Morin (Teaming & Cellar Digging)
Lahey & O'Donnell, Haverhill n R. R. crossing
Marsh, W. S. (Masonry & Public), c Salem & Carver
Moulton & O'Mahoney, 8 West

LEE—Heaphy, Wm. A. (Sewer, etc.)

LEEDS—Warner, H. W. (Heavy Masonry & Road)

LEOMINSTER—Long & Little (Macadam, Masonry & Public)
Pierce Construction Co.

LOWELL—Baker, E. G. (Mills, Factories, Machine Shops, etc.), 3 Fletcher
Barton, Cyrus (Masonry & Public Work), 78 S Walker
Carpenter & Jefferson (Engineers & Contractors)
Conners Bros. (Masons, Builders & General Contractors)
Smith, E. A. & A. T. (Paving, etc.), 216 Central
Staples Bros. (Sewer & Public), School st.
Ward, Wm. H. (Public Work), 241 Howard

LYNN—Bryer, Arthur E. (Sewer & Public), 501 Western av
Dearborn, L. C. & Son, 132 Linwood
Heath Bros., 965 Western av
Hurley, Thos. (Sewer, Roads, etc.), 59 Exchange
Manning, James E. (Excavating, etc.), 26 Beacon Hill av
Mayo, Fred. D. (Sewer, Paving & Excavating), 333 Union
Sheehan, John & Co., 585 Western av
Strout, Edw. E. (Lighthouse & Public), 319 Union

MALDEN—Johnson Bros. (Street & Public), Floral av
Johnson Bros. (Street & Public), Floral av
Leavens, Geo. A., 51 Appleton
Merick, Geo. L. (Sewer, etc.), 161 Ferry
Welch & Sheehan (Public Work)
Wentworth, Geo. A. (Cellar & Stone), 23 Franklin

MILFORD—Cendella Bros. (Macadam & Public)
Dillon Bros. (General)

MILTON—Reid, H. B., Brook rd

MONSON—Flynt, W. N. Granite Co. (Heavy Masonry, Roads, etc.)

MOUNT AUBURN—Malone, Raymond B. (Public Work)

NANTUCKET—Burgess, D. W. & Son (Macadam & Paving)

NATICK—Taylor, Chas. N. (Public Work)

NEW BEDFORD—Davis, Chas. E. (Masonry, Jetties, etc.), 35 Commercial
Duff, David & Son (Teaming, etc.), 37 Purchase
Hazzard, Fredk (General)

NEWBURYPORT—Cashman Bros. (Roads, etc.)
Kelleher, C. H. (Road, etc.)

NEWTON—Stuart, T. & Co. (Public Work)

NEWTON CENTRE—Hurley Bros. (Roads, Grading & Masonry)
Muldoon, Arthur (Sewer & Excavating)

NEWTON UPPER FALLS—Cahill, J. A. (Sewer & Excavating)

NORTH ADAMS—Lally, Wm. H. & Co.
Porter & Hannum
Whitney Bros.

NORTHAMPTON—Cook, F. & Sons
Gleason & Son (Excavating & Grading)
Hendrick, Taylor & Warner
Lee, S. W. & A. B. (Sewer, etc.), 219 Main
Parsons, S. L. & Son (Excavating & Grading), 44 West
Taylor, Hiram (Sewer, Water Works, etc.), 305 Prospect
Warner, H. W. (Water Works & Public)

NORTH ANDOVER—Adams & Daw

OAKDALE—Chapman, W. E. (Macadam & Public)
Smith, Artemus (Macadam & Public)

OXFORD—Wellington, Chas. H. (Public Work)

PALMER—Atkins, Geo. M. & Co. (Heavy Masonry, etc.)
Flynt Building Construction Co.

QUINCY—Shea, Wm. & Son (Excavating, Telford Roads, etc.)
Wilson, Chas. (Granite Paving)

READING—Bowker, Samuel W. (Roads & Excavating)
Flanders, N. C. (Roads & Excavating)
Michelini, A. (Roads & Excavating)

REVERE—Foster, J. S. & Co.
Lancaster, Geo. H. (Road & Public)

SALEM—Peterson, J. N. & V. S. (Sewer, etc.)
Welch, Jas. J. & Co. (Public Work)

SOMERVILLE—Burke, Bartholomew (Public Work), 342 Lowell
Burke, Christopher (Public Work), 116 Cedar
Cunningham, Owen (Public Work), 78 Wash'n
Cushing, Edwin F. (Public Work), 72 Central
Cushing, Theo. J. (Public Work), 38 Beacon
Dorey, Daniel A. (Public Work), 15 Appleton

Falvey, Richard D. (Sewer & Public), 15 Rush
Gill, T. H. (Public Work), 22 Bonair
Lacey, Patrick (General), 63 Cherry
McCarthy, Wm. J. & Co. (Public Work), 27 Bonair
Rice, W. M. (General), 327 Somerville av
SOUTH FRAMINGHAM—Fales, A. & Sons
Saucier, August (Macadam & Public)
Shanahan, Woolfork & Co.
SPRINGFIELD—Curtis, D. J. & Son (Masonry & Public), 77 Everett
Driscoll, J. R. (Street & Sewer), 385 Liberty
Falt, J. P. & Co. (Masonry & Public), Armory n Bridge
James & Marra (Heavy Stone & Masonry), 227 Main
Ley, Fred. T. & Co. (Sewers, Water Work, Electric Roads, etc.), 307 Main
Maynard, Robt. D. (General Contractor & Engineer)
Merrill, Geo. N. & Co. (Bridges, Water Works, etc.)
Muir, Jas. (Heavy Stone & Masonry), 345 Bay
Reynolds & Co. (Excavating, etc.), 355 Maple
Sackett Bros. (Excavating & Sewer), 834 Worthington
Shaw, V. A. (Excavating, etc.), 86 Dawes
Stone, A. D. & Co. (Heavy Stone & Masonry), 233 Liberty
Vaughan, Geo. N. (Excavating, etc.), South nr South End Bridge
Weeks, Jos. W., Jr. (Excavating), 12 Springfield
Wright, A. H. & Son (Dam, Bridge & Heavy Masonry), 77 Alexander
STONEHAM—Meegan, Henry (roads, stone work & excavating)
SWAMPSCOTT—McDonough, Mich'l (street & public)
Tuttle & Edgerly (street & public)
TAUNTON—Briggs, Abram T. (Heavy Masonry, etc.), 86 Winthrop
Magee, Jno. F. & Co. (Sewer, Public & Water Works), 115 B'way
Taunton Construction Co., 292 Wash'n
UXBRIDGE—Blanchard Bros. Granite Co. (bridge & granite)
Newell & Snowling Construction Co. (macadam & public)
WAKEFIELD—Butler, A. A. (masonry & roads)
Killorin, Geo. W. (roads & grading)
WALTHAM—Cole, W. A. & Co. (macadam roads, etc.)
Kinser, T. W. & Sons (sewer, paving & public)
McCusker Bros. (masonry, grading & macadam)
O'Malley, Peter J. (excavating, etc.)
WEST BERLIN—Winston & Co. (macadam & public)
WEST CHELMSFORD—Fletcher, H. E. (public works)
WEST EVERLETT—Tallent, Michael & Co. (public work)
WESTFIELD—Blodgett, Geo. T. & Co. (heavy masonry, etc.)
Diehl, C. H. (sewer & water works)
Parsons, Dwight H. (public work)
Smith, Geo. W. (public work)
Wood, H. C. Co. (heavy masonry, etc.)
WEST MEDFORD—Bryne, A. W. Construction Co. (sewer & public)
Byrne, Geo. M. (sewer & public)
Halcom, H. A. & Co. (public work)
Scanlan, David (sewer & public)
WEST NEWTON—Cotter, Jerry & Sons
Gannon Bros. (sewer, etc.)
Magne, W. H. (sewer, water works & railroad)
WINCHESTER—McKenzie, A. & Son (Excavating, etc.), 11 Linden
O'Laughlin, Thos. (Excavating, etc.), 279 Main
Quigley, Thos. (Macadam & Public), 232 Main
WINTHROP—Craib & Trumbull (Public Work)
Donovan, Simon J. (Public Work)
WORCESTER—Allen, F. L. (Sewer & Public), 8 Forest
Ballard Granite Quarries (Excavating & Stone Work), 340 Main
Beaudette, W. A. (Building), 8 Norwick
Bishop, J. W. Co. (Builders & Public Work), 109 Foster
Booth, A. N. (Building), 16 Schussler rd
Cross, E. J. (General), 82 Foster
Cutting, G. H. & Co. (Building), 11 Foster
Donohohue, Michael (Sewer), 8 Perry av
Elliott, J. I. (Building), 518 Main
Ferranti & Maguire Co., 340 Main
Goddard, Asa (Roads), 82 Foster
Girouard, J. E. (General), 1 Sylvan
Loftus, John (General), 71 Suffolk
Mellen, Henry & Son (Building), 41 Queen
NORCROSS BROS. CO. (Builders & Public Work), 10 E Worcester. (See adv. index, end of book)
Pike, H. S. (Excavating & Road), 12 Townsend
Robbins, A. P. (General), 110 Lovell
Scoville & Wheeler (Building), 518 Main
Shapley & Smith Contracting Co. (Building), 44 Front
Vaudreuil, Jos. J. (General), 93 Foster
Vaughan, C. A. (Building), 40 Pink
Ward, Edw. D. (Building), 46 Alvarado av
White, James H. (General), 10 Lawrence

MICHIGAN.

ANN ARBOR—Clancy, Wm. J. (Paving, etc.)
BATTLE CREEK—McConnell, E. M. (Paving, etc.)
BAY CITY—Campbell, Hugh
Kennedy, D. J. (Paving)
Meager Bros. (Street & Public Work)
Morrison, Thos. J. (Sewer)
Ryan, R. (Street & Public)
Wolfe, Thos. J. (Sewer)
BENTON HARBOR—Bakeman & Mills (General)
Pearl, Jas. W. (Public Work)
CASS CITY—Cass City Paving Co. (Paving)
DETROIT—Affeld, Jno. (Sewer, etc.), 461 Baker
Albrecht, Albert A. (Builders, etc.), 1101 Union Trust bldg
Armstrong, U. & Co., 1379 St. Antoine
Aylmer Construction Co., Majestic bldg
Burch, Geo. A. (Paving), 518 17th
Candler Dock & Bridge Building Co. (Bridges, etc.), 26 Laf av
Carew, Henry & Co. (Large Builders), Majestic bldg
Carkin, Stickney & Cram (Public Work), ft of 1st
Carmichael, A. T. (General), 273 Theodore
Carmody, Michael (Excavating), 51 Wilkins
Carroll, M. H. & Son, 680 6th
Chapoton, Alex., Jr. (Carpenter & Mason), 40 Fort, W
Currie, Geo. E. (Public & R. R. Work), 1250 Jefferson av
Currie, Jas. T. (General), 1010 Trumbull av
Currie, Thomas (Paving), 153 Canton av
Dennis, W. J. (Excavating), 19 Scott
Deppert, J. J. (Excavating, etc.), 743 Beaubein
Drews, Chas. (Sewers), Elmdale av c Toledo av, Woodmere
Dupuis, A. J. Co. (Dock & Harbor), Buhl blk
Foley Bros. (Excavating, etc.), 714 8th
Frederick, Hy. (Paving, etc.), 434 Scotten av
Furman Construction Co., Cham. of Com. bldg
Gartner, F. R. (Paving), 40 Fort W.
George, Henry & Son (Carpenter & Mason), 527 Beaubein
Goddard, Frank H. (Carpenter & Mason), Hammond bldg
Gossaert & Son (Sewer), 73 Iron
Grant, A. (Paving, etc.), 1614 Woodward av
Griffin, M. J. (Railroad, Paving & Masonry, etc.), 104 Lafferty pl
Hack, Geo. A. (Paving), 610 24th
Hanley, Jas. (Paving), 40 Fort W.
Hardy, Jos. (Excavating), 1411 2nd av
Harvey, J. H., 181 Lincoln av
International Construction Co. (General), Majestic bldg
Jeynes, John (Sewer, etc.), 1189 4th av
Jones, E. B. (Sewers & Grading), 405 Stanton av
Kennedy, T. J. (Paving), 232 Hubbard av
Kingsley, Jas. (General), 320 Mich. av
Kollinger Bros. (Sewers), Conant nr Holbrook av
Lally, Michael (Railroad & Public), 500 Brush
Langley, Wm. P. (Sewers), 161 Elizabeth. E.
Langley & Jeynes, 681 Toledo av
Lappin, Wm. (Excavating, Paving, etc.), 946 Concord av
Lennane Bros. (Excavating), 40 W Fort
Lockerbie, George, 91 20th
Manndawatt, Jno. F. (Excavating), Miller & Lawndale avs
Mason, J. J. (Wells), 367 McKinstry av
Mercier, John A. (Excavating, etc.), Hammond bldg
Meridan, Henry Co. (Paving, etc.), 499 Chene
Moran & Hughes (Excavating, etc.), 40 Fort, W.
Nutt & Clark (Mason & Carpenter), 40 Fort W
O'Donnell, Hugh & Son (Excavating, etc.), 40 Fort, W
Porath, Julius (Sewers, etc.), 40 Fort, W.
Reynolds, Geo. (Grading, etc.), 669 16th
Rose Bros. (General), 416 Mich. av
Schafer, Edw. (Sewer, etc.), 369 Macomb
Sheehan, Thos. P. (General), 1278 Beaubien
Spaulding, J. M. (Excavating), 40 Fort, W.
Spicer, David, 34 Frederica (Delray)
Steffen Bros. (Excavating), 40 Fort, W
Stelt, Jno. (Grading), 801 Leland
Traves, Wm. H. (Mason), 40 Fort, W
Trumbull, B. F. H. (Sewers), 22 Sidney av
Vinton Co. (Carpenters), 126 Woodbridge
Whittaker, Thos G. (Sewer, etc.), 189 Selden av
Winchester, W. T., 36 Sylvan
Zander, Julius (Sewer), 1030 25th
DOWAGIAC—Gardiner & Mann (Water Works)
FAIRBAULT—Cosgrove, Wm. M. (General)
GRAND RAPIDS—Ackerman, J. B., 120 N Union
Barth, Geo. J. & Son, 407 2d
Boyes, D. W. (Street), 275 Stocking
Campbell-McNabb Co., 145 N Ottawa
Curtis, James & Co., 56 Monroe
Davidson, G. H., Houseman bldg
DeNio George Co., 163 N Ottawa
Gentz Bros., 31 Springfield av
Green, Henry, 90 The Gilbert
Guilliford & Richens, Houseman bldg
Hauser, Owen & Ames, 102 N Ottawa
Hayden, Appleyard & Co., 90 N Ottawa
Kruizenga, Henry, 138 Sherman
Lammero & Weber (Paving), Campau & Louis
Martin, Thos. (Paving, etc.), 101 Central av
Miller, H. P. (Street), 206 Sinclair
Murray, J. C. (Paving, etc.), 23 Haifley
O'Hara, Jas. (Street), 353 S Lane av
Powers, Jno. (Street), 104 Hovey
Prange, A. H. (Street, Macadam, etc.), 334 N Ionia
Rens, John J. (Sewer), 77 Sinclair
Reynolds, H. M. & Son (Paving, etc.), c Louis & Campau
Schneider, Leonard (Street), 246 Cass av
Seamans, E. W. (Street), 41 N Union
Sullivan & Higgins, Norris bldg
Tibbetts, S. B. (General), 106 Monroe
Williams, C. E. (Street), 291 Plainfield
GREENVILLE—Holden, W. R. (Street, etc.)
IRON MOUNTAIN—Dehn, G. J. (Sewer, etc.)
JACKSON—Brooks, T. C. & Son (Public Work)
Brooks, Joshua M. (Public Work), 110 1st
Jagnow, Louis (Sewers, etc.), 106 Johnson
Leevar, Fredk. O. (Gen'l), 719 Greenwood av
Peninsular Engineering & Construction Co.
Way, Robert (Sewers, etc.), 322 Backus
KALAMAZOO—Kalamazoo Coal & Sprinkling Co. (Street Sprinkling)
Kalamazoo Supply & Construction Co. (Public Work)
Peters, Gaby (Paving)
Streeter, Daniel D. & Co. (R. R. & Public)
LANSING—Woodcock & Neal (Street)
LUDINGTON—Gaylord, Nelson J. (Harbor & Public)
Lynch & Weimer (Harbor & Public)
Mitchell, C. E. & Co. (Engineers & Contractors)
MANISTEE—McLeod, D. A. & W. (Dock & Public)
MANITOWOC—Cooper, Geo. (Dock & Public)
Mathews & Keith (Dock & Public)
MARQUETTE—Plattenberg, Jno. (Sewer)
Powell Mitchell (Public & Government)
MENOMINEE—Larson, J. C. (Sewer & Public)
MUSKEGON—Beauvais, Z. S. (Harbor & Public)
Coyne, Jas. (Sewer), 42 S Terrace
Dodge, C. S. (Paving, Waterworks, etc.), 57 1st
Hughes, Jno. (Paving & Sewer)
Jones, W. R. (Paving & Sewer)
Love, Robt. (Dock & Public)
Smith & Nelson (Harbor & Pile Driving)
Taylor, Wm. (Sewer)
PORT HURON—Bartow, Benj. D. (Sewer)
German, Garrett S. (Dock Public)
Muir & O'Sullivan
O'Sullivan, Jas. (Lake & Public)
Pfanner, Martin (Sewer)
SAGINAW—Barber Asphalt Paving Co. (Paving & General), Eddy bldg
Dolonjay, A. H. & Son, 805 Genesee av
Heinemann, Morris C. (General & Paving), 1114 Carroll
Kerns, W. H. & Son, 423 Howard
Lamson & Crowley, 301 N Hamilton
Malcolm, Peter (Paving & Excavating), 615 N Webster

Scanlon, John (Paving, etc.), 541 Millard
Schultz, J. C. (Paving, etc.), 232 N 4th av
Vesterfelt, Ira (Sewer, etc.), 511 S 4th av
SAULT STE. MARIE—Beadle, Chas. S. (Sewer, etc.)
Bennett, Michael (Water Works, Sewer, Excavating, R. R., etc.)
Dumond, Simon (Dock & Public)
Hickler Bros. (Dredging & Sub-Marine Drilling)
McKnight, J. H. (Sewer, etc.)
WALDRON—Govsueh, Edw. (Sewer)
Hartley, Joseph (Sewer)
WYANDOTTE—Ginzel Paving Co. (Harbor, Paving, Masonry & Public)

MINNESOTA.

ALBERT LEA—Church, F. M. (Sewer, etc.)
BENSON—Donnelly, T. H. (Masonry & Bridge)
Erickson, Nels (Masonry & Bridge)
CLOQUET—Conners & Redfield (General)
DULUTH—Brown, H. C. (General), 5627 Grand av, W.
Campbell, L. D. & Co., Lonsdale bldg
Drake & Stratton Co., 1st Nat'l Bank bldg
Evens, C. E. Lonsdale bldg
Grandy, John, Burrows bldg
Hood, D. P. (General), Mesaba blk
Jackson, Edward, Manhattan bldg
King, Geo. R. (Sewer & Public), Mesaba blk
Knudsen & Eden, ft 7th av, W.
McDonnell, Patrick (Railroad, Sewer & Excavating), 124 W Superior
MacLeod & Smith (General), Torrey bldg
Molitor, J. D. & Bro., 632 W Superior
Nauffts, Theophilus, Torrey bldg
O'Connell, J. D. (Exeavating, etc.), Manhattan bldg
Osborn & Co., 827 Lake av, S.
Pearson & Faweett, Torrey bldg
Porter Bros. (Railroad & Public), Manhattan bldg
Preston, J. W. (General), 2509 W 2d
Robert, J. A., Manhattan bldg
Roberts, Alex., Burrows bldg
Robitaille, J. A., 627 W Michigan
Schleunes, J. F. (General), Manhattan bldg
Skansen, Cornelius, 10 3 W 1st
Skinner & Clarey, 1522 E 4th
Smith, Henry (General), 2529 W 2d
Stone & Rudolph, 427 W Michigan
Thorburn, Thos. (General), Palladio bldg
Watterworth & Fee (General, Street & Public), Lonsdale bldg
EAST GRAND FORKS—Rhinehart & De May (Public Work)
EVELETH—Dowling, Jas. (Public Works)
FARIBAULT—Eardley & Connor
O'Neil, Wm. & Son (Sewer, etc.)
FERGUS FALLS—Lauritzen Bros. (Paving, etc.)
HASTINGS—Truax, S. J. (Public Work)
Truax, Wm. P. (Public Work)
LITTLE FALLS—Harrison, A. D. & Co.
MANATO—Widell, Gustaf (Heavy Masonry, etc.)
MINNEAPOLIS—Abbott & Carroll (Excavating, etc.), Globe bldg
Anderson, C. M. & Co., 506 S 2d
Anderson & Peterson, 20 13th av, N. E.
Baker, Frank, 49th nr Lyndale avs
Barnett & Record Co., Corn Ex.
Benjamin, G. W., Bank of Com. bldg
Benson Building Co. (General) Bank of Com. bldg
Buege, L. & Co., 312 Corn Ex.
Buhl, L. & Co., 39 S 7th
Brown & Bryant, 1419 S. E. 4th
Bruce Bros, 2605 15th av, S.
Bull & Vaughn, 1514 S. E. 4th
Burns, J. E. General), 2601 16th av, S.
Chadwiek, L. L., 2934 Nicolet av
Christensen, Henry C. (General), 1118 Franklin av, E.
Collier, J. A., 2548 Central av
Congdon Construction Co. (Excavating & Cellar), 313 Hennepin av
Cooke, Geo. (General), Boston blk
Cosler, A. L., 409 Hennepin av
Covington, John, 2945 Garfield av
Crehton, J. F., 209 S 9th
Davis, E. J., Northwestern bldg
Ebel, Oscar, 1421 Bryant av, N
Elliott, J. & W. A. (Public Work), Lumber Ex.
Evensta & Hagstrom, 606 33d av, N.
Fagan, D. W., 329 Delaware
Fisher, J. H. & Son, 15 S 6th
Great Western Paving & Construction Co., 3704 5th av, S.
Haglin, Chas. F. (General), 228 Lumber Exchange
Hiekok, L. O., Flour Exehange
Heaton & Ellison, 1818 4th av, S.
Houston, T. H., Globe bldg
Johnson, E. M., Kasota bldg
Leck, H. A. Co. (General), 2511 5th av, S.
Leighton, H. N. Co. (General), 213 S 6th
Libby & Nelson (General), 238 2d av, S.
Lund, Rud & Co., 313 S 3d
Lyon, W. H.. 1405 Yale pl
MeLeod, Angus Co. (General), 409 6th av, S.
MeMillan, F. G. (General), 2 S. E. 5th
McMillan, R. & Co. (General), 113 N 4th
Miller, Elam, Northwestern bldg
Nelson, Jno., 2106 Elliott av
Owen, J. H. (General), Lumber Ex.
Parsons, Henry, Guaranty bldg
Pike & Cook (Builders & General), 416 S 5th
Prince Construction Co., 516 S 4th
Robertson, Peter (Masonry), 15 S 4th
Rydell & Carlson, 214, 19th av, N.
Smith, C. C. & Co. (Grading), 2901 S. E. 6th
Trainor Bros., Boston blk
Tromanhauser, Edwin H. (Grain Elevators, etc.), The Phoenix
Tromanhauser, S. H., The Phoenix
Voorhees, V. W., Jr., 635 Lumber Exeh.
Wilkins, E. K. (General), 247 15th av, N.
Wunder, Jno., Lumber Ex.
OWATONNA—Thon. J. P. (Sewer, etc.)
ROCHESTER—Donohue Bros.
Frasier & Elliott (Sewer, etc.)
Wilkins & Murray
ST. CLOUD—Kreatz, F. E. (Sewer, etc.)
ST. PAUL—American Hoist & Derrick Co., 63 S Robert
Ash, Christ, 270 Maria av
Baker, Daniel (Grading & Public), c Cromwell & Wabash av
Bartels, F. H., 165 Fuller
Berg, L. C., N. W. Furniture Exch. bldg
Booth, J. J., 404 N Prior av
Brandhorst, J. H., 652 Miss.
Brown & Dowling, 208 W 5th
Butler, Bros. (Heavy Masonry, Dock Work, Pile Driving, etc.), N. Y. Life bldg
Bumgardner, E. L., 906 Burr
Cameron & Co., 719 Ashland av
Carlson, A. J., 441 Sibley
Coykendall, H. G. (General), 1857 Carroll
Dahlman, Aron, 53 W 4th
Deeks & Deeks (General), National G. A. Bank bldg
Donohue, Jno. H., Gilfillan blk
Dorranee, G. W., 568 Grand av
Eureka Stone Co. (Paving), 700 Wabasha
Fielding & Shepley (Sewer Grading, Paving & Bridge), 216 W University av
Foelsen, Wm., 611 Aurora av
Forrestal, Jas. Co. (General), Pioneer Press bldg
Fowble, C. A., 963 Burr
Gensch, R. Co., Bradley bldg
Guertin, Joseph, 20 8th
Harmon, H. C., 383 Rosabel
Hennessy, P. M. Construction Co. (Paving, Sewer, etc.), 205 New York Life bldg
Hoffman & Reifler, Bank of Minn. bldg
Husby, Thos., 887 Raymond av
Jasper, J. H. & Co., Bradley bldg
Johnson, E. J., 902 Thomas
Johnson, L. E., 601 Case
Kay, Henry (Excavating,) 452 Edmund
Kenehan, Wm., 333 W University av
Koerner, Adolf, 693 Winslow av
Lauer Bros., Upper Leeve, ft of Chestnut
Lind, John, 34 E 2d
Linden, A. P., 112 E 10th
Lizee, R. J. (R. R. & Public), 329 Robert
Lovene, C. N., 984 E Bayless av
Merrill, E. E., 118 E Isabel
Moore, David W. (Sewer & Public), 902 Edmund
Nevin, John & Son, 282 Harrison av
Newman & Hoy, Cham. of Com. bldg
Nickow, Louis, 160 W 4th
Nolan, Joseph, Concord nr Grand av, S. St. P.
Norlander, F. C., 1025 Bradley
Northwestern Stone Co. (Concreting), 186 W University av
Nystrom, Axel., 112 E 10th
O'Connell, D. E., 301 Selby av
Oakes, Geo. W. & Co., Drake blk
Porten, Wm. Co., 569 Capitol boul
Romer, F. J. & Son, 200 Ramsey
St. Paul Contracting Co., German Libe bldg
St. Paul Stone Co. (Concreting), 533 Wabasha
Skooglun, Charles, 1105 Jessie
Stone, Chas. (Sewer & Bridge), 643 Burr
Thornton, Patrick H. (Sewer & Public), Gilfillan blk
Twomey, Matthew, 201 W 5th
Waltin, August, 706 Bedford
ST. PETER—Brogen & Couplin (Excavating & Public)
SAUK CENTER—Caughran, Jas. (Railroad)
SPRING VALLEY—Osterud & Gulliekson
STILLWATER—Oleson, O. H. & Co. (Public Work)
TOWER—Beatty, Jas. & Geo. (Public Work)
WELLS—Schneider, Schultz & Co.
WILLMAR—Wiggins, J. H. & Co.
WINONA—Degman, John (Public Work)
Winona Construction Co. (Paving & Public Work)

MISSISSIPPI.

DUNCASBY—Dulaney, L. C. (Public Work)
FRIARS POINT—Aderholdt, T. S. (Public Work)
LEOTA LANDING—Sessons, John G. (Levee & Public)
NATCHEZ—Hodge, H. F. (River)
PETTIT—Winter, C. A. (Public Works)
STAFFORD—Lamb, P. F. (Public Work)
VICKSBURG—Conaghaux, Barney (Grading, etc.)
Gregory, T. S. (General)
Helgason Bros. (River)
O'Gorman, M. (Levee)

MISSOURI.

BOLIVER—Cowden, J. S. (Bridge, etc.)
BOONVILLE—Hogan, Thos. (Sewer, etc.)
BROOKFIELD—Richards, Jas. (Bridges, etc.)
BUTLER—Day, T. J. (Paving)
CAMDRON—Dildine Bridge & Construetion Co.
CARTHAGE—McNerney Bros.
CARUTHERSVILLE—Huffman, Wm. H. (Levee & Public)
COLUMBIA—Stewart, B. F. & Son
ELSBERY—Richtman, Jacob (River & Public)
FARMINGTON—Moore & Halter (General)
GLASGOW—Burdie, Hy. (General)
HANNIBAL—Hogg & Son
HEMATITE—Caskanette & Sommerfield (Sewer, etc.)
INDEPENDENCE—Black, Laird & Shaw (Street, etc.)
Chapin & Greever (Street & Public)
Matt & Roberts (Sewer & Public)
Randall, W. M. (Strect, etc.)
Yetter, Chas. (Street, etc.)
IRONTON—Baldwin Bros. (Street)
Elliott, A. (Street)
JEFFERSON CITY—Kolkmeyer, W. H. & Co. (Maeadam, Rip Rap, Street & Quarrymen)
Opel, Chas. (Sewer, etc.)
JOPLIN—Joplin Construetion Co. (Sewer, Paving & Public
Overly, E. J. (Sewer, etc.)
KANSAS CITY—Atkinson, G. F., N. Y. Life bldg
Barelay, G. B. (General), 3222 Wash'n
Boyd, Robert J. & W. M., Construction Co. (Paving, ete.), Heist bldg
Bradbury, E. H. (Grading, etc.), Sheidley bldg
Central Construetion Co., Junetion bldg
Clarkson, G. G. & Sons (Grading & Excavating), 3821 St. John
Dallas, John (Grading, ete.), 434 E 34th
Davis Bros. (Grading & Excavating), 4503 E 15th
Ettwein, C. F., Postal Tel. bldg
Farney, A. W. & Co., New Nelson bldg
Fielding, P. C. (Exeavating, ete.), 4100 Michigan
Garthwaite, F. M., Dwight bldg
General Construetion Co., Kemper bldg
Goodrich, R. B., Postel Tel. bldg
Hayde, S. J. (Builder), K. C. Life bldg
Hayes & Beverforden, Sheidley bldg
Hollinger & Mitchell (Builders), Bayard bldg
Houlehan, C. T. Contraeting Co., Masters Builders Ex
Kahmann & McMurray, Kemper bldg
Keeler Construetion Co., 2450 Grand av
Madarie, H. & Sons, 1122 Woodland
Miller, Nicholas, 3112 Highland
Moore, Patrick, 4114 Walnut
Parker-Washington Co. (Paving, ete.), 2309 Penna av
Pelletier Contracting Co. (General), 549 Delaware
Pringle, Jos., Lyeeum bldg
Redmond, Jas., 1642 W Prospect pl
Reyburn-Laird Real Estate, Bldg. & Cons. Co., N. Y. Life bldg
Samuel & Holmes Construetion Co., Kemper bldg
Sherrill, Frank A., N. Y. Life bldg
Smith, Jas., 103 W 8th

Urban Construction Co., Bank of Com. bldg
Wilson, David & Co., Essex bldg
Wilson & Lonsdale (General), Bryant bldg
Wulser Constructing Co., 1109 E 12th
KIRKSVILLE—Kirksville Coal & Construction Co.
LOUISIANA—Smashey & Roberts (Sewer, etc.)
MACON—Gipe, A. B. (Bridges, etc.)
MEMPHIS—Woodruff, Geo. W. (Bridge, etc.)
MOBERLY—Lensley, Geo. W. (Bridge, etc.)
Lynch & Anderson (Sewer, Paving, etc.)
ROCKPORT—Gawdy & Dean (Bridge &Public)
ST. CHARLES—Bull, Carl & Son
Dugan & Elsner (Public Work)
ST. JOSEPH—Baublitts, Geo. E. (Grading), 427 Francis
Bauman, Henry (General), 723 S 16th
Buddy, Phil. P., 419 Main
Costello Bros., 2008 Messanie
Davis, Thos A. (Street), 2219 S 11th
Gibson, Wm. E. (Grading, etc.), 2003 Beattle
Hackett, Thos. W. (General), 720 Mt. Mora rd
Helsley, J. S. (Paving, etc.), 2622 Folsom
Helsley, Geo. R. (Paving, etc.), 1518 Frederick av
Kaucher, Frank, 2212 Fred'k av
Lehr, J. W. (General), 1702 Frederick av
Marnell, John M. (Street), 1010 Ridenbaugh
Nowland, Chas. (Street), 814 Felix
Rackliffe & Gibson, 619 Edmond
Roth, Fred. (Street), 1302 Fred'k av
Rush, Edward 3001 Dearborn
St. Joseph Street Sprinkling &Paving Co. (Street), 424 Edmond
Sheridan, Andrew (General), 809 Francis
Swenson, Peter, 1205 Corby
Whalen, Mich'l (General), 617 Albemarle
Whalen, Jno. T., Builders' Exchange
ST. LOUIS—Abadie, E. H. &Co., 420 Olive
Abbott-Gamble Contracting Co. (R. R., Paving, Sewer, Waterworks, Bridge Masonry, etc.), 620 Chestnut
Abrahams, Sol. & Son, 1527 Pine
Allegheny Improvement Co., 319 N 4th
Althaus-Helm Bldg. & Contracting Co., 620 Chestnut
American Construction Co., 318 N 8th
Anderson, A. & Co., 721 Olive
Artkamper, Wm. (Teaming), 4221 N Newstead av
Atlantic Quarry & Contracting Co., 319 N 4th
Baerveldt Construction Co. (General), 510 Pine
Bailey Mfg. Co., Olive & 7th
Bambrick-Bates Construction Co. (General), Grand av c Forest Park boul
Barber Asphalt Paving Co. (Paving, etc.), 209 N 7th
Barnes, W. W. & Co., 1522 Chestnut
Barry & Scott, 4354 Lucky
Barstow Contracting Co., 721 Olive
Barwick Construction Co., 105 N 7th
Bauer, Adam (Builder), 4366 West Belle pl
Becker, H. R. (Builder), 2620 Potomac
Bedro Construction Co., 821 Chestnut
Beiswanger, John (General), 1810 Division
Bes Line Construction Co., 201 N 4th
Bethune, Dalhoff McNerney Construction Co., 509 Chestnut
Bewig, Wm. J. (General), 3120 Fads av
Black, Albert W. (Builder), 2107 Clark av
Black, James, Masonry & Contracting Co. (Sewer & Masonry), Commercial bldg
Blair, Geo. M. (General), 202 N 9th
Boland, Jno. V., Holland bldg
Brehme, F. F. & Co., 2821 S 9th
Brewster-Ames Bldg. Co., 211 N 7th
Bright, Jno. H., Cons. & Bldg. Co., Lincoln Trust bldg
Brown, Jas. L. & Co., 721 Olive
Bruner, P. M. Granitoid Co. (Granitoid Pavements), 904 Olive
Buehler-Cooney Construction Co., 122 N 7th
Busey, Thos. (General), 715 Locust
Bush, W. R. Construction Co., 211 N 7th
Buxton, Albert G., Odd Fellows bldg
Calligan, Jno. & Co., 1021 N Leonard av
Carroll Contracting Co., 821 Chestnut
Casey & O'Keefe, 816 Olive
Cavanagh, Timothy E. (General), Alsace av c Marcus av
Central Bldg. Co., 816 Olive
Central Construction Co., Burlington bldg
Cesery, A. & Co., 1271 Delaware av
Chapline Realty & Construction Co. (Builders), 105 N 7th
Choctaw Construction Co., 904 Olive
Cook, Albert T. (General), 4730 Ashland av
Cook, Well Co., 15 S 4th
Columbia Cons. Co., 407 N B'way
Commonwealth Cons. Co., Cass av & Collins
Continental Cons. Co., 122 N 7th
Contracting & Supply Co., 816 Olive
Cuff, Thomas (General), 816 Olive
Cumberland Construction Co. (General), 721 Olive
Dalhoff Construction Co., 509 Chestnut
Daly & Gillespie, 715 Locust
Dawson, Richard T. & Son, 6252 Famous av
Del Isle Construction Co., 816 Olive
Deutman, R. E., 7027 Mich. av
Dicke, W. H. & Bro., 111 Hebert
Diller, Jno. H., 4775 Easton av
Donnolly, Wm. H., 4375 Evans av
Downs, Hudson L. (General), 718 Bayard av
Dreher & Heun, 2311 Sidney
Duffner& Stecker, 715 Locust
Eckhard, C. & Co., 806 Chestnut
Edwards Bros., 816 Olive
Eggleston, Chas. H., 4401 Evans av
Elias, Wm., 415 Locust
Essex Contracting Co. (General), 1311 Clara av
Evans, Daniel (Builders), 816 Olive
Evans, Lewis J. (Builder), 203 N 10th
Eyermann, G. & Bro., 1216 S Grand av
Eyssell, Moritz (Builder), 904 Olive
Fabick, Peter (General), 716 Lami
Farrell, A. J. (Sewer, etc.), 4339 John av
Farrell, Jas. Construction Co.
Feary, August (General), Starr bldg
Feary, Wm. (General), 1226 Pine
Fehlig, J. F., 3500 Hickory
Fick, August (Builder), 1437 Sullivan av
FitzGibbon, Jas. D. (Builder), 721 Olive
Fogerty, P. P. & Sons, 1333 Aubert av
Forest City Building Co., 816 Olive
Franklin, Chas. J., 3034 Franklin av
Frein Masonry & Contracting Co., 3816 Laclede av
Frisco Construction Co., 904 Olive
Frostine Construction Co., 2107 Clark av
Fruin-Bambrick Construction Co. (Public & Street Work), 721 Olive
Fruin & Colnon, Laclede bldg
Gardner, Levy F., 6010 Suburban av
Gasconade Ry. Cons. Co., 904 Olive
Geary, Ambrose, 2341 University
Geisel Construction Co. (Sewer, Paving, Bridges, Heavy Masonry, etc.), Koken bldg
General Perannite Co., 3850 Chouteau av
Gerber Bros., 3836 S B'way
Gerhard, E. C., Building Co., 620 Chestnut
Gillespie, Robert M. (General), 816 Olive
Gillick, Hugh, 7925 Minn av
Gilsonite Construction Co. (Paving, etc.), Wainwright bldg
Globe Construction Co., Chemical bldg
Globe Wrecking & Excavating Co., 1302 Market
Goese & Remmers Bldg. & Contracting Co. (Large Builders, etc.), 805 Cass av
Goldie Construction Co., World's Fair Ground
Graham Granitoid Co., Odd Fellows' bldg
Granite Bituminous Paving Co., 405 N 6th
Grant, H.A. & Son, 3841 Wilmington rd
Griffith, Wm. F., 3508 Bell av
Grone, L. H. (Builder), 202 N 9th
Gruetzmacher, H. F. & Co. (Stone & Masonry), 105 N 7th
Grund, P. C. & Bro., Granite blk
Hagen & Taylor, 1101 Pine
Haller Bros., 4733 S B'way
Hamilton, C. E., Benoist bldg
Hartman Bricklaying & Contracting Co., 810 Lynch
Hammond Construction Co., 1409 St. Charles
Harvey & Hall, 721 Olive
Heman Construction Co. (Sewer & Public), Fullerton bldg
Heman, Harry F. (Sewer & Public), 211 N 7th
Hemminghaus, Wm., 1417 Destrehan
Hennebique Construction Co., 202 N 9th
Herklotz, A. (Stone & Masonry), 2722 S 9th
Hetz, Benjamin, 3342 Salena
Hill, Geo. T. Construction Co., 211 N 17th
Hill, Jno. Wainwright bldg
Hill-O'Meara Construction Co. (Sewer, Paving, Waterwork & Masonry), Wainwright bldg
Hill, T. E. & Co., Security bldg
Hinchman-Renton Construction Co., 810 Olive
Hines, Jno. F., Odd Fellows bldg
Hoffman Contracting Co., 604 Pine
Hopkins, Wm. F. (General), 420 Olive
Ittner & Bruce, Ozard bldg
James, D. G. & Bro., 622 Chouteau av
Jameton, Jean Construction Co., Benoist bldg
Johnson, E. B. & Co., 5095 Maple av
James, D. G. & Bro., 622 Chouteau av
Keefe, James H. (General), 1044 Hamilton av
Kellermann Contracting Co. (Builders), 510 Pine
Kelly, Jos., 810 Olive
Kennah, L. J. & Son, 202 N 9th
Kennedy & Matthias (General), 105 N 7th
Kerr, Andrew (Builders), 816 Olive
Kiel & Daues Contracting Co., 2621 Clark av
King & Cooley, 1008 Chestnut
Kirkwood, M. (Builder), 715 Locust
Koepke, Wm. & Son, 2627 Allen av
Klusmeyer & Schumacher, 715 Locust
Kunts, J. M. & Bro 5125 Minerva av
Kushibiki & Arai, 220 N 4th
Lamb, N. Quarry & Construction Co., Olive st rd
Lane, Thos. & Son, 3823 Lee av
Lange & Bergstrom, Benoist bldg
Laufketter, F. C. & Co., 509 Chestnut
Lawrence Stone & Construction Co., 3431 Cherokee
Lee, Jno. H. & Bro., 816 Olive
Low, John (Builder), 202 N 9th
Lewis & Hall, Chemical bldg
Lincnberg Construction Co., Laclede bldg
Lithosite Mfg. Co., 706 Chestnut
Lloyd, Hiram (Builder), 816 Olive
Lohrum, Jno. A. (General), 4000 S Main
Lynch, Jno. Wrecking & Contracting Co., 3009 Park av
McCabe, Francis (Paving, Sewer & Public), 411 Olive
McCabe & Steen (Heavy Building, etc.), Roe bldg
McClure, R. B. Construction Co. (General), 202 N 10th
McCormack, Charles B. (Builder), 715 Locust
McCormack, S. C. & Co., Koken bldg
McCully, Wm. & Co., 509 Chestnut
McFarland & Hamilton, Odd Fellows bldg
McGee & Co., Burlington bldg
McGrath & Walsh, 415 Spruce
McIntyre & Teese, 3946 Evans av
McMichael Construction Co., 816 Olive
Mac Arthur Bros. Co., 220 N 4th
Mackey, Robt. L., 816 Olive
Magner Concession Co., 300 Olive
Maguire, Michael (General), 1121 S Compton av
Matheson & Baker, 918 N 20th
Maule, Evert P., Jr., Chemical bldg
Melcher, E. L. & Co., 723 N 23d
Merton, S. D., 717 Chestnut
Meyer, Jno. D., 2702 Hickory
Milburn & Rich (Builders), 415 Locust
Milne & Gordon Jeff. av & Mo. Pac. Ry.
Missouri Wrecking Co., c Jefferson av & O'Fallon
Missouri & South Eastern Construction Co., 904 Olive
Mohan, Paul F. (General), 2722 Lawton av
Morey Eng. & Construction Co., 405 N 6th
Morrison, R. W. Constructing Co. (Large Builders), 113 N 8th
Mound City Construction Co. (Paving, Sewer & Bridge Masonry), Lincoln Trust bldg
Mount Auburn Construction Co., 5844 Easton av
Mueller, C. A. (Builder), 2701 Eads av
Mueller, F. C. & Bro., Benoist bldg
Muir, Matthew W. (Builder), 816 Olive
Mullich Bros., 3530 Tenn av
Murch Bros. Construction Co. (Builders), 816 Olive
Murray & Brinkman, 1002 Chestnut
Myers Construction Co. (General), 421 Olive
Neff, Jesse M. (Stone & Masonry), 3917 Lincoln av
Neier & Meng, 1422 S 11th
Nelson, Nels, 1429 Grattan
New State Construction Co., 308 N 6th
Novaculite Paving Co. (Paving), 405 N 6th
O'Brien, Wm. S. (Builder), 3142 Easton av
O'Donnell, Pat'k (Public Works), 5015 Raymond av
O'Malley, P. & Son, 1742 N Euclid av
O'Meara, Jno. B., 105 N 7th
O'Reilly, C. P. & Co., 106 N 9th
O'Toole, Joseph, 8 N 8th
Parker Washington Co., Duncan
Paul, Jno. & Co., 421 Olive
Paulus, Robt. (Builder), 317 Russell av
Pelligreen, Nicholas, 816 Pine
Perkinson Bros. Construction Co. (Telford & Public), 4443 N B'way
Perks, Thomas & Son (General), 219 N 4th
Petersen & Fell, 1800 Olive
Pieper, Wm., 2321 Minn av
Platt, Geo. Contracting Co. (Furnace Builders), Roe bldg
Prendergast Contracting Co., 5858 Maple av
Quigley, R. M. Construction Co., Houser bldg

Reinschmidt- Haenn's Construction Co., 715 Locust
Reliance Quarry & Construction Co., Security bldg
Reynolds, Jno. H., Houser bldg
Rich Construction Co. (General), 510 Pine
Riechers, J. P. & Son, 2815 St. Louis av
Roeder, Geo. M. (General), 2924 Magnolia av
Rosedale Contracting & Supply Co., Hodiamont av c Cates av
Ross & Taylor Co., 721 Olive
Rothwell Bros., 731 N Euclid av
Rountree Construction Co., Chemical bldg
Rowland, Jos. H. Granitoid Construction Co., 820 Chestnut
Ruecking, H. & Co. (Public Works), Marine av c Gasconade
Ruibler Bros., 2966 Pairie av
Ruprecht, W. & F., 6731 S B'way
St. Louis Contracting Co., Odd Fellows bldg Chestnut
St. Louis Creosote & Paving Co., 417 Pine
St. Louis Crushed Quartz Co., 510 Pine
St. Louis Cut Stone Co., 3535 Gratiot
St. Louis Granitoid Curb Stone Co., 1909 Laf av
St. John, P. Granatoid Co., 316 Olive
Sage, Jesse & Son, 6237 Wells av
Salvage & Wrecking Co., 3406 Bell av
Sauerbrunn Construction Co. (General), 701 Chestnut
Schaumberg, Henry (General), 2216 Victor
Schmohl, Fred & Sons, 6169 Delmar boul
Schober, F. E. (Builder), 105 N 7th
Schottler, Jno. C., 5156 Minerva av
Schumacher Bldg. Stone Co., 1824 Chouteau av
Schumann Construction Co., Overland & Berthold avs
Scott, Jno. & Sons, 5641 Gates av
Selden-Breck Construction Co., Fullerton bldg
Settle-Price Construction Co., Chemical bldg
Shinnick, Richard & Son (Builder), 4186 Morgan
Shutt Improvement Co., Houser bldg
Simpkins, Wm. H., 1811 Pine bldg
Skrainka Construction Co. (Sewer, Masonry & Public), 319 N 4th
Smith Construction Co. (General), 2929 Easton av
Southern Paving & Construction Co. (Paving, Sewer & R. R.), World's Fair Ground
Southside Granitoid Co., 2116 Wyoming
Spore, Henry C. (Builder), 203 N 10th
Stafford, C. Building & Construction Co., Wainwright bldg
Stansbury, J. A. & Bro., 816 Olive
Star Construction Co., 620 Chestnut
Steffen, John C. (General), 3229 Pennsylvania av
Steinhoff, Wm., Wainwright bldg
Steininger, Edw. A. (Builder), 715 Locust
STEWART, JAMES & CO. (Harbor, Marine & Heavy Buildings), Lincoln Trust bldg
Stifel, P. E. (Heavy Masonry), 2324 Kosciusko
Stubbs-Flick-Johnson Construction Co., 406 Market
Sucdmeyer, Wm. C. & Son, 3946 N 9th
Sullivan, F. J., 617 Chestnut
Superior Construction Co., 915 Chestnut
Sutherland, W. M. (Builder), Odd Fellows bldg
Syenite Granite Co. (Masonry etc.), 125 S 4th
Szepanski, Robt. & Son, 4517 Cottage av
Tennessee Construction Co., 721 Olive
Thompson, J. W. (Bridge Masonry, etc.), Wainwright bldg
Valleroy, Celestin (General), 715 Locust
Van Sant, Robert L. (Eng. & Contractor), 421 Olive
Viernow, Gustav M. (Builder), 810 Olive
Voigt, August (Granitoid), 1806 Dolman
Vollmer, Jno. H. & Son, 3926 N 20th
Vulcanite Mfg. Co., 105 N 7th
Wade Bros. Construction Co. (General), 2272 Old Manchester rd
Wagner-Brady Co., World's Fair Ground
Wagner, E. L. & Son, 202 N 9th
Ward, Edw. (Builder), 202 N 9th
Ware, J. A. Construction Co., 509 Chestnut
Warren Bros. Co., 405 N 6th
Weinel & Burmeister, 417 Pine
Wendt, D. F. C. & Son, 1917 Newhouse av
West End Construction Co., 721 Olive
West, Louis Construction Co., 220 N 4th
Western Grading & Excavating Co., 715 Locust
Western Paving & Supply Co., 211 N 7th
Westlake Construction Co. (Builders), 510 Pine
Wharton, Joseph J. (Builder), 2829 University
Wickwire, N. L., 4351 Finney av
Widdicombe, E. H., 816 Olive
Widdicombe, Rich., 620 Chestnut
Wieden, Aug. & Son, 2604 Laclede av
Williamson-Blake Construction Co., Hamilton & Maple avs
Wilson, J. W. & Son, Odd Fellows bldg
Wittler, Harry A. (General), 1823 S 14th
Woitchek Masonry & Contracting Co. (General), 706 Chestnut
Wright, G. H. Contracting Co., 300 Olive
Wright, L. B., Chemical bldg
Wyatt & Donovan, 119 N 7th
Zbaren Construction Co., 816 Olive
Ziegelmeyer & Suter, 218 W Robert av
Ziegler Bros., 1426 Grattan
Zimmerman, Christ & Co., Wainwright bldg
SAVANNAH—Henderson Bros. (Bridge & Public)
SEDALIA—Hurley, Edw. (Sewer & Public)
Yeater, Merritt (Sewer & Public
SPRINGFIELD—Boyle, Anthony (Public Work), 945 W Lynn
Cooper Bros. (Sewer & Plumbing), 414 South
Gosney Construction Co.
Plummer, Enoch (Sewer & Public), 636 N Campbell
Springfield Plumbing Co., 220 Booneville
Truman, T. Y. (Sidewalk), 1229 Blaine
Williams, M. E. (General), 236 W State

MONTANA.

ANACONDA—Jacobson, Jno. (General)
Starr, C. W. (General)
BOZEMAN—Vreeland, F. W.
BUTTE—Riddell, Jos. A. (Paving & Public)
Shackleton & Whiteway Construction Co. (Sewer, Paving, etc.)
HELENA—Congress Construction Co. (R. R., Waterworks, Government, Heavy Masonry, etc.), Power blk
Krigbaum, P. C. & Co. (Paving)
LEWISTON—Congress Construction Co. (R. R., Waterworks, Government, Heavy Masonry, etc.)

NEBRASKA.

AUBURN—Crommel, T. J. (Bridge & Public)
BEATRICE—Swigart & Atwater
FREMONT—Andrews, J. W. (Sewer & Public)
GRAND ISLAND—Hehnke & Co.
LINCOLN—Burns, Jos. (Water Works, etc.), 144 N 16th
Fitzgerald, E. J. (Railroad), 111 N 9th
Mann, T. A. (General), 2624 S
Mears, Patrick (Grading), 1326 U
Overton, R. P. (Paving, etc.), 217 B
Radford Bros. (Stone), 1916 R
Sheely, J. R. & Co. (Bridge, Irrigation, Paving, Piling, etc.), 609 N 27th
Sheely & O'Shee (Paving, Sewer, etc.), 124 N 11th
LYON—Lyon, J. B. (Bridge & Public)
NEBRASKA CITY—Eagan, B. P. (Sewer & Public)
Miller & Eagan (Sewer, etc.)
Wales, Harry (Paving, etc.)
NORFOLK—Congress Construction Co. (R. R., Waterworks, Government, Heavy Masonry, etc.)
King, W. A. (Public Work)
OMAHA—Balfe, T. F. (Sewer), 1607 Howard
Barber Asphalt Paving Co., Bee bldg
Bastedo, G. T., N. Y. Life bldg
Callahan Bros. & Katz (Grading), Ramge bldg
Creedon, P. J. & Sons, 2120 California
Daley, J. F. (Sewer), 1620 N 35th
Estill, Geo. (General), N. Y. Life bldg
Fanning, C. E., Bee bldg
Goodrich, O. A., Karback blk
Hamann, Henry (General), Ramge bldg
Hamilton, R. P. & E. O. (General), 211 S 17th
Hampshire, Dan'l (General), 3720 Marcy
Jobst, R. J., Paxton blk
Kiewit Bros. (General), Karback blk
McAlester, J., N. Y. Life bldg
McGowan, J. M. (General), 848 S 28th
McWilliams Bros. (General), Paxton blk
Mayo, H. B. (General), N. Y. Life bldg
Murphy, Hugh (Paving & Asphalt), Bee bldg
Newman & Johnson (General), N. Y. Life bldg
Nebraska Bitulithic Co. (Paving), Bee bldg
Patridge C. W., Paxton bldg
Petersen, Walter (General), U. S. Nat'l Bank bldg
Phelps, J. W., 2816 Hamilton
Rocheford & Gould, Paxton blk
Rosenbery, A. (General), 1501 Marcy
Rousten Bros. (General), Frenzer blk
Shane, D. L., Ramge bldg
Thurson & Ordens, 314 S 15th
Van Court, E. D., 1020 N 16th
Vancourt, Paxton blk
Wood & Bancroft (Grading), 1st Nat'l Bank bldg
Woodworth, C. D. & Co., Karback blk
TEKAMAH—Morehouse, M. H. (Bridge & Public)
WILSONVILLE—Klepper & McGraw (Bridge & Public)

NEVADA.

RENO—Burke Bros. (Public Work)

NEW HAMPSHIRE.

BRADFORD—Parks, C. F. (Public Work)
CONCORD—Brown, Cavis G.
Goodhue, George (Public Work)
Mead, Mason & Co. (Building & Public)
DOVER—Teeri & Cornell
HAMPTON—Ross, Wm. T. (Street)
MANCHESTER—Gay, Frank A. (Engineering & Contracting)
Gott, John T. (Stone & Street)
Harvey, Warren (Stone, etc.)
Head & Dowst (Builders & Public)
Mead, Mason & Co. (Builders & Public)
MILFORD—Reiley, Jas.
NASHUA—Chagnon, A. (General)
Duncklee, L. P. & Son (Sewer, etc.)
Osgood, B. E. (Excavating & Roads)
NEWMARKET—Walker, John (Roads & Public)
PLYMOUTH—Smith, A. R. (Roads & Public)
PORTSMOUTH—McKenney, N. M.
SUNACOOK—Bailey, Chas. A. (Roads & Public)

NEW JERSEY.

ARLINGTON—Bellis, Wm. C., 576 Devon
Cooper, Montague, 9 Searing av
Enstice Bros., 211 Kearney av
Finn, John, 701 Devon
Hanna, Wm., 298 Grant av
Hanna & Randall, cor Sherman & Grant avs
Glennon, Thos., 314 Central av
Mossey, R. L., 400 Passaic av
Pierce, C. A., Argyle pl nr Laurel av
Pierson, S., 377 Forest
Roche, Wm., 265 Maple
Salmond Bros., 167 Midland av
Tulley, Pat'k, 107 Argyle pl
Van Keuren & Son, 401 Passaic av
Whitehead, Jos, 349 Kearney av
BARNEGAT—Tolbert, Henry A. (Lighthouses & Public)
BAYONNE—Brady, Cornelius (Sewer & Public), 98 Av C
Murray, Martin (Sewer & Public), 9 W 9th
Spearin & Preston (Dock & Bridge)
BLOOMFIELD—Ashley, Hubert J., 161 Ashland av
Bruett, Gustave, 9 Linden av
Burnette, Wm. T.
Callahan, Martin J., 103 Thomas
Maxwell, Rich'd, 15 Clinton
Pathe, Owen M., 194 Thomas
Schouler, Wallace W., 105 Hillside
Towne, Willard S., 51 Baldwin
BOONTON—Van Duyne, Lewis
BOUND BROOK—Hillpot & Ayres (Macadam & Public)
CALDWELL—Matthews, P. A.
CAMDEN—Pfeiffer, Geo. Jr. (Public Work), 301 Market
Sherman, Wm. H. (Paving, etc.), 33 Haddon av
Sweeten, B. F. & Son (Paving & Public), c Cooper & Delaware
Turner & Stewart (Builders)
Ward, Aaron (Paving & Public), 821 S 8th
CAPE MAY—Miller, L. E. (Sewer & Public)
CAPE MAY C. H.—Ewing, S. E.
Grace, George
EAST ORANGE—Angar, J. W., 21 N Maple av
Baigrie, Wm., 326 Norwood
Cuglar, Geo. B. (Excavating, etc.), 110 Hamilton
Gunning, Patrick (Excavating, etc.), 232 William
Kemble, Edw. A., 66 Hamilton

Nevins, Thos & Son, 109 Harrison
Saxton, Josiah C., 34 Summit
White, S. A., 20 Birchwood av
EDGEWATER—Winterburn, J. A. (Telford roads, etc.)
ELIZABETH—Brown, C. A. (General), South & S Broad
Cushing & Higgins (General), 63 Fulton
Dolan, Jno. F. (Sewer, etc.), 82 S Park
Faughnan, Patrick (Sewer, Macadam, etc.), 516 Wash'n av
Hill, Chas. (General), ft of 3d
Quien, Louis (Engineer & Sewer), 251 Elizabeth av
Rath, H. A. & Co. (Sewer & Plumbing), 1217 E Broad
Summerton, Walter (Excavating & Cellar), 608 2d av
Thompson, Nath'l K. (Sewer & Street), 415 Morris av
ENGLEWOOD—Barrett, David L. (Sewer & Road)
Brocker, Charles (Road)
Ireland, D. (Bridge & Public)
Vanderbeck, Jno. B. (Sewer & Road)
HACKENSACK—Brady, Patrick (Street), Hackensack av & Cross
Cumming, Samuel R. (General), 26 Ward
Van Houten, Peter W. (Street), 20 Essex
HAMMONTON—Ballard, Daniel (Street).
Bernhouse, Wm. (Builder & Street)
Burgess, Wm. H. (Street)
HIBERNIA—Richards & Tippett
HOBOKEN—Brusch, H. Co., 124 Garden
Flaherty, Patrick H. J., 1110 Garden
Staats, R. P. & J. H., ft. 3d
Van Keuren & Son, Grand & Prior
Waddington, Robert & Son (Street & Public), 617 Jefferson
IRVINGTON—Avery, Jas. W.
Baker, Floyd
Hageman, John V.
JERSEY CITY—Atkinson, G. H. & Co., 76 Montgomery
Baker, Wm. (Sewer, Paving, etc.), 137 South
Byrne, Henry (Public Work), Viaduct nr Corneilson
Cane, W. H. & F. W. (General), 246 12th
Cement Paving & Construction Co., Prior & Grand
Clynes, William K. (Building Mover), 250 Varick
Connolly, M. T. Contracting Co. (Curbing & Public), 238 17th
Connelly, P. (General), 618 Grove
Cutley, Joseph H., 508 Pavonia av
CYCLOPEAN IRON WORKS, Jones & Harold (Heavy and Difficult Constructions, Bridge Work, Concrete Masonry, etc.), 402-404 Claremont av. (See adv. below)
Gautier, William H. & Co. (Public Work), 1 Exchange pl
Henry & McGivney, 15 Ex. pl
Holmes & Cogan, 96 Garfield av
Hudson County Contracting Co. (Public Work), 367 Communipaw av
Hudson Improvement Co., ft. 15th
Jewkes, Joseph & Sons, 676 Montg'y
Ormsby, Wm. (Public Work), 3146 Hudson boul
Palisade Construction Co., 15 Exch. pl
Potter, Thomas, 1 Montgomery
Robertson, William & Son, 15 Exchange pl
Ross, P. Sanford (River & Harbor), 277 Wash'n
Rowland, John T. & Sons, 197 1st
Shanley, B. M. & J. F. Co. (R. R. & Public), 26 Exchange pl
Short, William H., 107 Tonnele av
Taylor, Wm. H. (Dredging, Harbor & Public), 24 Emory
Union Stone Co., 10th c Brunswick
Van Keuren & Son, Grand c Prior
KEARNEY—(See Arlington)
LAMBERTVILLE—Montgomery, R. T. (Paving and Public)
LITTLE FALLS—Francesco Bros.
Gillespie, T. A.
Stanley, J. C. & G. (Public Work)
Whittaker Bros. (Telford and Public)
MADISON—Burns, Daniel
Corbett, Jno. V.
Drinkwater, J. W.
Dwyer, Wm.
Fortunato, M.
MARLBORO—Broadhead, Richard H. (Public Work)
MILLBURN—Lightipe, Chas. A. & Son (Roads and Crushed Stone)
MILLINGTON—Taff, Fred. N. (Macadam and Public)
MONTCLAIR—Alworth & Son, 8 Elmwood av
Brown, Jas. F., 70 Greenwood av
Carson, Wm.
Ceston, P., 25 Talbot
Dyer, Jas. B.
Osborne & Marsellis Co. (Public Work and Macadam), Bellevue av
Synott, Jos., 117 S. Fullerton av
Taylor, J. H. & Bro.
Taylor Warren I., 14 St. Luke's pl
Wooding, S., Valley rd & Central av
MORRISTOWN—Foster & Wise (Street Sprinkling and Excavating
Mulhall, Patk. & Son
New Jersey Engineering & Construction Co.
NETCONG—Allen Granite & Construction Co.
NEWARK—Ahrens, John C., 207 Waverly av
Ballard, Wm., 279 Runyon av
Broadhead Contracting Co., 776 Broad
Conway & Co. (Sewer, etc.), 491 Central av
Cooper & Wigand, Emmett c Av D
Cullen, W. A. (R. R., etc.), 262 5th
Dey & Sutphen, 14 Herbert pl
Dickson, Henry, 22 Clinton
Doriety, John, 168 Ridge
Ebeling Bros. (Excavating), 199 Clifford
Harper, David (Paving and Public), 800 Broad
Harrison Construction Co. (Public Work), 39 S. 8th
Headley & Christie (Sewer and Public), 116 Ridgewood av
Hedden, V. J. & Sons, 431 Ogden
Holzwarth, David & Son (Excavating), 126 Market
Hughes, Wm. J., 112 Bergen
Lanning, J. W. & Son, 122 Market
Maguire, Jas. H., 214 Peshine av
Manufacturers' Contracting Co., 788 Broad
Marsh, Frank (Street), 308 Ogden
Moran, Jas. & Son (Street), 232 Academy
Newark Paving Co., 800 Broad
O'Connor, Thos. A. (Paving and Public), 22 Clinton
Pfirmann, Ludwig (Excavating), 64 Market
Pratt, F. R. (Sewer and Paving), 763 Broad
Sandford, Arthur E., ft. 4th av
Seme, Jas. (Public Work), 854 Broad
Shanley, B. M. & J. F. Co. (R. R. and Public), 867 Broad
Standard Paving Co. (Paving), 22 Clinton
Vanderhoof, Peter & Sons Co., 285 Broad
Van Steenberg & Clark (Paving and Public), 204 Ogden
Waldron, E. M. & Co., Cabinet & S 6th
NEW BRUNSWICK—Gilligan, James (Public Work)
Riddle, T. H. Construction Co. (Public Work)
NUTLEY—Carter, Chas. H.
Chardi, Samuel
Queeman, Wm. H.
ORANGE—Boyce, Geo. P., 295 Main
Callahan, J. L. & J., 12 Beech
Costa, Antonio, 83 Cone
Dexheimer, P. & Son, 61 Day
Minehan, D. F., 81 High
Mullen, John (Excavating and Grading), 78 Hill
O'Connor, Jas & Son, 68 Central pl
O'Rourke, John (Excavating), 1 Park av., adj N. Y. & G. L. R. R. Depot
Spottiswoode, Geo. & Co., 118 Essex av
Wright & Lindsey (Telford & Public), 27 Cone
PASSAIC—Morrell & Son
New Jersey Contracting & Developing Co.
Union Building & Construction Co.
PATERSON—Burger, Edward W. (Telford & Public), 233 Hamilton av
Ferguson, Jno. W. (Building), Paterson National Bank bldg
Lee, Jno. R., 2d Nat'l Bk bldg
McKiernan & Bergin, First National Bank bldg
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Construction & Mfg. Co., 120 B'way
Conley, O. J., 96 B'way
Conner, Fred'k W., 1 Madison av
Connolly, T., 355 Rivington
Conover, W. A. & F. E. (Builders, etc.), 253 B'way
Connors, Thos. D., 1123 B'way
Conradi Co., 214 E 42d
Contessa Vito, 226 E 121st
Cooke, Hy. D., 35 B'way
Cooper, Wigand, Cooke Co., 152 W 34th
Corbett & Marvin, 16 Ex. pl
Cornell, Chas. G., 32 B'way
Cornell, Jno., Jr., 12 Elm
Cosgrove Bros., 57th & N. R.
Cosse & Hurlbert (Builders & General), 1133 B'way
Coverdale, W. H. & Co. (Engineers & Contractors), 66 B'way
Cowen, Chas. A. & Co., 1123 B'way
Cranwell Construction Co., 1931 B'way
Craven & Co., 39 Cortlandt
Crimmins, T. E. & T. (Municipal & Public), 440 E 69th
Crockett, W. & W. F., 2 E 58th
Cronin, Wm., 297 Pleasant av
Croxton, Wm. N. (Building, 1123 B'way
Cuff, Wm., 426 E 104th
Culgin & Paze, 787 Tremont av
Cullen, W. A. Construction Co., 25 Broad
Cunningham, T. Co. (Sewer & Public), 608 E 15th
Cunningham, R. A. & Co., 343 E 16th
Cunningham & Kearns, 438 E 91st
Cuozzo, D. & Bros., 150 Nassau
Curran, Patrick F. (Railroad & Public), 48 Dey
Cusack, M. F. (Building), 233 Grand
Cusick & Ryan, 536 W 49th
Daab Contracting Co., 344 West
Dailey & Ivins, 21 Park Row
Dall, J. Construction Co., 10 E 23d
D'Ambra, M. & Co., 316 Jerome av
Darling, Oscar, 17 Park Row
Dawson & Archer, 150 5th av
Deeves, Richard & Son (Builders, etc.), 309 B'way
Degnon Contracting Co. (Public & Marine), 21 Park Row
Deisler & Stevenson, 241 W 55th
Delafield, F. S., 216 W 23d
Delaney, J. H. Construction & Supply Co., 621 B'way
Dell, Cahow & Co., 115 B'way
Derr, George, 128 W 18th
Dennis, Hugh J., 512 W 15th
DePasquale, S. M., Williamsbridge
Devlin, J. Contracting Co., 2023 Boston rd
Diedrich, P. & Co., 339 E 47th
Disken, Jas. F., 114 E 23d
Doern's, V. Sons, 18 E 42d
Dooley, Jno., 1940 Amsterdam av
Dorgan Bros., 417 E 65th
Dowd & Maslen (Building), 217 W 125th
Drake & Stratton Co. (R. R. & Large PublicWork), 100 B'way
Dredging & Filling Co., 15 Cortlandt
Du Bois Bros. Dredging Co., 19 Whitehall
Ducker Co. (Building), 277 B'way
Duffy, James J., 533 W 24th
Duffy, Patrick J., E 132d n St. Ann's av
Dunfee, Jno. & Co., 78 Broad
Duncan, John W., 521 E 134th
Dunn, Bart (Sewer & Public), 444 E 68th
Dunn, F. C. & Co. (Inc.) (Railroads, etc.), 42 B'way
Dunne Bros., 507 W 21st
Dwyer, Thos. (Builder, etc.), 160 5th av
Eadie, J. M. Co., 1 Madison av
Eagan, Mich'l, 39th & N. R.
Eastern Construction Co. of N. J., 32 Nassau
Eidlitz, Charles L., 1170 B'way
Eidlitz, Marc & Son (Builders), 489 5th av
Eldred, Wm. E. (Building), 2281 3d av
Ellard, John, 1180 5th av
Emille, Christian, 93 Nassau
Empire City Subway Co. (Ltd.) (Subway, etc.), 15 Dey
Empire Construction & Supply Co., 32 Fulton
Empire Paving & Construction Co. (Paving, etc.), 11 B'way
Equitable Construction Co., 23 Park Row
Etkin, Max (Building), 401 E 19th
Falk, Frank, 2371 Old B'way
Farley, Jos. A. Construction Co., 5 E 42d
Fanning & Reilly, 150 5th av
Farrell, E. J., 693 Lenox av
Farrell, Hopper & Co. (Masonry, R. R. Tunnelling, Dock, Bridge, etc.), 2105 7th av
Farrell, Jno. P., 68 Ann
Federal Contract Co., 55 B'way
Federal Construction Co., 180 B'way
Federal Contracting Co., 1 Madison av
Ferguson Contracting Co. (Railroad & Public), 69 Wall
Ferguson, John W. (Factories, Mills, etc.), 253 B'way
Fettretch's Jas. Son & Co., 477 Park av
Fidelity Construction Co., 136 Liberty
Ficklen & Strobaugh, 56 Pine
Field, Conduit Contracting Co., 29 B'way
Figliuolo, J., 719 Union av
Finn, J. T. & Co., 163 Columbus av
Finn, P. W., 163 Columbus av
Finn, W. E., 43 5th av
Fischer, F. W. & Co., 160 5th av
Fisher, Chas. J., 40 John
Fitzgerald, W. J., 539 W 35th
Fitzpatrick, Danl. A., 73 W 141 st
Fitzgerald, Jas. N., 73 W 41st
FLEMING & CO. (Stable & Paving), 123 Liberty. (See adv. index, end of book)
Flood & Ryan, 103 E 125th
Floy, Hy. Co., 220 B'way
Fogarty, Patrick (General), 416 E 62d
Ford, I. H., 104 Fulton
Fordham Stone Renovating Co., 1123 B'way
Foundation & Contracting Co. (Pneumatic Foundations, etc.), 35 Nassau
Fowler, Alvan L., 21 W 24th
Fowler, Wm. J. & Co., 1821 Madison av
Franklin Contracting Co., 1 Hudson
Foy Bros., 415 E 65th
Fred, Many, 41 Union sq W
Fruin-Bambrick Paving Co. (Public & Street), 114 Liberty
Fuller, Geo. A. Co. (Builders, etc.). 137 B'way
Furman Construction Co., 26 Cortlandt
Gallagher, J., ft. of 38th, E. R.
Gallagher, Patrick (Building), 11 E 59th
(Gallagher & Co., 459 Lenox av
Gallick, Jos., 1682 1st av
Galligan Contracting Co., 431 E 68th
Galligan, Patrick Co., 423 E 25th
Galligan's T. P. Sons (Excavating & House Moving), 528 E 17th
Gallo, Jos., Pelham av Bridge
Galway, William, 517 W 36th
Gamble, James Contract Co. (Canal, Gas House & Public), 15 William
Garry, Joseph & Son (Public Work), 416 E 25th
General Building & Construction Co. (Large), 100 B'way
General Construction Co., 136 Liberty
General Supply & Construction Co. (Builders, & Government Work), 24 State
Geoghegan, A., 220 E 50th
Gerstle, Ralph J. F. Co., 347 E 44th
Gest, G. M., 273 B'way
Gilbreth, Frank B., 34 W 26th
Gillies, Jno. Co., 60 Broad
Gillespie, T. A. Co. (Public & Waterworks), 71 B'way
Glass, Jno., Jr., 335 W 14th
Godeffroy, Adolphus E. (Public Work), 45 B'way
Gollick & Smith, 1133 B'way
Goodwin Bros., 10 Battery pl
Graham, Jno., 36 W 132d
Graham, Wm. W., 2031 B'way
Green, W. E., 1133 B'way
Greer, Thos. A., 530 E 13th
Greenwich Construction Co., 434 E 105th
Griesser, Wilhelm Construction Co. (Breweries, Malthouses, Elevators & Heavy Buildings), 11 B'way
Griffiths, Jno. Son, 4th av & 8th
Griggs, C. Robinson, 150 Nassau
Gross & Horn, 249 Front
Guarantee Construction Co., 72 Trinity pl
Guerber, Louis A. (R. R. & Bridge), 171 B'way
Guidera, Patrick F., 331 Pleasant av
Guidone & Galardi, 114 E 23d
Gulick, Jos., 1682 1st av
Gumaer, Edw. B. (Docks, Sheds, Warehouses, Buildings, Bridges, etc.), 39 Cortlandt
Hass & Field, 90 E 10th
Haas & Luft, 945 6th av
Hackett-Hankinson Bldg. Construction Co., 93 Watts
Hall, B. J. & Sons, 108 Wall
Hall & Grant Construction Co. (Builders & General), 140 Nassau
Halligan & Son (Excavating), 549 W 40th
Handibode, Peter, Jr. (Sewer & Public), 1361 Clinton av
Handy, Jas. F., 2388 Jerome av
Hannan, P. G., 10 Arthur
Harris, H. & Co., 138 4th av
Hart, Jas. A. Co., 256 B'way
Hart, Jno. J. & Co., B'way & 175th
Hartman & Horgan, Longwood av
Haveron & Co., 3 Pearl
Hayes, John T., 112 Cedar
Hedden, V. J. & Sons Co. (Building), 1 Madison av
Helbock, C., 633 Wales av
Hemming, Duncan W. (Engineer & Sewer), 217 W 125th
Hennebique Construction Co., 1123 B'way
Herbert, H. M. & Co., 51 Liberty
Henderson, Wm. (Building), 1123 B'way
Hewitt, Conrad (Engineers & Contractors), 1123 B'way
Hickey Bros. & Co., 1906 Park av
Hildenbrand, Wm., 1 B'way
Hilmers, H. C., 35 B'way
Hiscox, W. T. & Co., 95 Liberty
Hogan, Robt., 29 W 42d
Holbrook, Cabot & Rollins Corp'n., 44 Union sq E
Holland & Co. (Public & Municipal), 493 W B'way
Holmes, J. H. & Co., 95 Wall
Holmes Bros. (Underwriters' Work), 265 B'way
Hood, R. H. Company (Building, Waterworks & General), 220 B'way
Hopkins & Roberts, 245 B'way
Hopper, Isaac A. & Son (Building & Public), 1170 B'way
Hopper, Jno. J., 215 W 125th
Horn, Edw. C., 1133 B'way
Horne, Wm. Co., 245 W 26th
Hough, J. W., 7th av & 151st
Howe & Bassett, 1133 B'way
Hudson Contracting Co., 41 Wall
Hudson Improvement Co., 15 Broad
Hughes Bros. & Bangs (River & Harbor Masonry, etc.), 1 Madison av
Hungerford, Oliver T., 25 Broad
Huntley & Fawcett, 264 William
Hyde, F. D., 5 E 42d
Hydraulic Construction Co. (Pneumatic Foundations, etc.), 1 B'way
Hyland & Nagle, 150 E 125th
Independent Contracting Co., 628 W 30th
Indestructible Road Bed Co., 45 B'way
Interborough Construction Co., 1 Madison av
Interior Construction & Improvement Co., 45 Wall
International Contracting Co., 10 Battery pl
Inter-River Realty & Construction Co., 38 Park Row
Inter-State Dredging Co., 1 B'way
Inter-State Construction Co., 27 William
Jackson Construction Co., 44 Pine
Jackson & Sharp Co., 25 Broad
Jaffray, R. H. Co., 160 5th av
Jeans & Taylor, 453 W B'way
JENKS, EDW. B. CO. (Dock & Harbor), 143 Liberty. (See adv. index, end of book)
Jenks, William H. (Harbor & Dock), 132 Pearl
Jones Construction Co., 3 Union sq. W
Jorgensen, N. D. W., 216 W 36th
Jump, Geo. W. Co., 154 W 26th
Just, Geo. A. Co., 452 5th av
Kungherchen, Wm., 7 E 19th
Kane, M. & Son, 31 B'way
Kampfner, August, Inwood av & E 169th
Kane, M. & Son, 31 Perry av
Kane, T. P., 40 W 141st
Kaufman, Gustave, 1 B'way
Kearns, P. J., 438 E 91st
Keating, J. L. & Co., 236 E 35th
Keegan, John J., 201 E 78th
Kehoe, Jno. & Co., 401 E 18th
Keller & Co., 447 E 68th
Kelly, Anthony, 217 W 125th
Kelly & Kelley (Building), 45 E 42d
Kennedy & Carmina, 89 West
Kennedy & Monks, 156 5th av
King & Horne, 217 W 125th
Klenert & Johnson, 303 E 78th
Knickerbocker Construction Co., 208 5th av
Lakner & Co., 133 3d av
Larkin, M. & Son, 519 E 16th
Larkin, P. & T. (Public Work), 616 E 15th
Lawless Bros., 1072 3d av
Lawlor, Wm. J., Bartow av

Leahy, Mich'l J. (Sewer & Public), 1446 Prospect av
Leary, Jas. D. & Son, 17 State
Leary & Curtis, 129 W 125th
Leeson, Jas. C. (Paving & Public), 509 W 146th
Leeson, Wm. G. (Paving & Public), 645 W 143d
Lehigh Construction Co., 26 B'way
Lennon, Jno. J., Morris Hts.
Lenox Construction Co., 159 W 125th
Lennon, Jno. J., Riverview ter., Morris Hts.
Lentelhon, Eugene (Harbor Improvements, Piers, Sheds, etc.), 489 5th av
Levenson, M., 192 Bowery
Levering & Garriques Co., 552 W 23d
Levin & Meyer Contracting Co., 17 Stuyvesant
Lewinson & Co., 128 W 42d
Lincoln Construction Co., 27 William
Lippe, Herman F. & Bro., 1788 1st av
Lipps, Henry, Jr. (Sewer & Public), Elliott av, Williamsbridge
List & Lennon (Building), 1947 B'way
Lochman, C. & Son (Building), 451 2d av
Loga, William, 129 Broad
Loretz & Son, 150 Nassau
Loterstein, J. & Co., 1080 Lex. av
Loughran, Jno. J. (Structural Work, Buildings, etc.), 39 Cortlandt
Louisiana Construction Co., 42 B'way
Low & Flogans, 485 E 138th
Lustbader & Glantz, 430 E 72d
Luyster, C. W., 35 Nassau
Lyons, Jeremiah C. Building & Operating Co. (Builders), 4 E 42d

MacArthur Bros. Co., 11 Pine
McBean, D. D., 17 Park Row
McCabe, Chas. F., Jerome av
McClave, Hamilton & Co., 149 B'way
McClintic-Marshall Construction Co., 17 Park Row
McCloskey's, Chas. Sons (Building), 70 E 85th
McDermott & Buckley, 27 E 21st
McDonald & Onderdonk (Public Work), 2906 Jerome av
McDonald, Jas. P. Co., 35 Nassau
McDonald, John B. (Public Work), 15 Park Row
McEntyre, P. B. & Son, 220 W 36th
McGirr, E. F., 407 W 14th
McGirr, Wm. J. Co., 553 W 44th
McGivney & Rokeby Construction Co., 1 B'way
McGlynn, P., 601 E 14th
McKeefrey, Jno., 289 4th av
McKune, C. S., 503 5th av
McKune, Clarence S. Co. (Builder), 503 5th av
McGuire, F. J. Construction Co., 968 St. Nicholas av
McGuire, Jas. C. & Co., 26 Cortlandt
McLaughlin, T. J. Construction Co., 1123 B'way
McLaughlin, Thos. F., 346 E 81st
McLeod Co., 95 Liberty
McMullen, Arthur & Co. (Pneumatic Caisson Foundations, Bridge, Trestle, Docks, etc.), 15 Park Row
McMullen & McBean, 640 Lenox av
McMullen, Weand & McDermott, 21 Park Row
McMurray & Co., 508 W 24th
McNerney, Martin, 252 W 144th
McNiece, David J. (Public Works), 128 B'way
McNulty Bros., 550 W 23d
McNulty, Geo. W., 258 B'way
McQuade, John J. (Public Works), 1298 Lexington av
McQuillan, Bernard (Public Work), 437 E 65th
McShane, Jas., 251 E 62d
McTighe Improvement Co., 27 Thames
MacArthur Bros. Co. (Heavy Buildings, etc.), 5 Nassau
Macartney, McElroy & Co., 26 Cortlandt
Macdonald, Chas., 2 Wall
Mack Paving Co. (Paving), 114 Liberty
MacKenzie, Wm. Contracting Co., 239 W 18th
Mackenzie, Quarrier & Ferguson, 114 Liberty
Madden Bros., 202 W 142d
Madden, John, 9 W 137th
Magee Bros., 20 Bible House
Magri, Victor, Anthony av n Garfield
Males, Henry, 782 3d av
Mallett, W. A., 3d nr Madison av
Mangieri Co., 250 E 116th
Manhattan Construction & Repair Co. (Sewer, Paving, Macadam, etc.), 29 W 42d
Manhattan Contracting Co., 238 Mott
Manhattan General Construction Co., 120 B'way
Many & Murphy, 620 W 25th
Marrin, E. & J., 520 E 18th
Marrone, Jos., 80 E 116th
Marrone, Michl., 418 E 115th
Martin, Jno. T., 135 E 34th
Masterson, W. H. (Paving & Public), Park av n E 176th
Matthews, Edw. A., 17 Park Row
May & Jeqyll, 1 Madison av
Merrick Construction Co. 1 B'way
Merrill, H. B., 120 Liberty
Merz Universal Extractor & Construction Co., 788 B'way
Mexican National Construction Co., 11 B'way
Meyer, O. Chas., 361 9th av
Miller, David, 323 E 103
Miller, Harry, 129 Broad
Miller, Henry W., 1168 B'way
Miller, J. D., 39 Cortlandt
Miller, J. D. Co., 92 5th av
Milliken Bros. (Iron & Steel Work), 11 B'way
Molinelli, Anthony, 14 Franklin
Monarch Contracting Co., 502 W 44th
Monks, John & Sons (Dock, Bridge & Harbor), 82 Beaver
Mooney, Jas. J., 333 E 24th
Moore, Chas. C. & Co., 26 Cortlandt
Moore, Joseph B. (Public Works), 170 E 89th
Moore, Wm. J. (Sewer & Builder), 1 W 68th
Moran, Denis W. (Public Work), 562 Burnside av
Morich Bros., 407 E 31st
Morris & Cummings Dredging Co. (River & Harbor), 17 State
Morton, Chas. & Co., 500 5th av
Mott Haven Contracting Co., 625 W 134th
Muller Co., 157 E 85th
Mulry, Thos. & Son (Excavating, etc.), 541 W 21st

MUNICIPAL ENGINEERING CO. (Sewage & Garbage, Disposal Plants), 41 Wall, New York. (See adv. index, end of book)

Municipal Engineering & Contracting Co., 150 Nassau
Murdock, Harvey, 116 Nassau
Murphy Bros. (Builders, etc.), 407 E 101st
Murphy Construction Co., 112 W 42d
Murphy, J. & Co., 162 Reade
Murphy, J. D. Co. (Builders & General contractors), 1181 B'way
Murphy, Jno. M., 101 W 90th
Murphy, Thos. C. (Public Work), 1725 Sedgewick av
Murray, Wm. J. (Sewer & Public), 147 E 125th
Murray & Co. (Trucking, etc.), 259 Av C
Murray & Hanley, Walnut av c E 141st
Mutual Coast & Improvement Co., 25 Broad
Mutual Construction & Improvement Co., 25 Broad

Myers, Chas. S., 132 Nassau
National Conduit & Cable Co. (Complete Subway Systems), 41 Park Row
Naughton & Co. (Public Work), 258 B'way
Naughton Contracting & Construction Co., 309 B'way
New, T. Construction Co., 518 W 29th

N. Y. CONTINENTAL JEWELL Filtration Co. (Government, Municipal, Industrial & Railroad Work), 15 Broad. (See adv. index, end of book)

N. Y. Filling Co., 17 State
N. Y. Submarine Contracting Co., 130 Pearl
N. Y. Tunnel Co., 40 Wall
Niagara Development Co., 15 Broad
Noone, T. Collins & Co., 154 E 91st

NORCROSS BROS. & CO. (Builders & Public Work), 160 5th av. (See adv. index, end of book)

North Bros., 1224 S boul
North Eastern Contsruction Co., Fuller bldg
Norton, Patrick (Public Work), 1035 3d av
Norton & Dalton (Sewer, etc.), 217 E 125th
Nugent, Alfred & Son, Hudson & Spring
O'Brien Bros., 54 South
O'Brien, Jas. F., 8 Bridge
OBrien, Michael (Trucking, etc.), Duncomb av, Williamsbridge
O'Brien & Sheehan, 253 B'way
O'Brien, Thos., Rider av & E 140th
O'Donnell, J. P. (Sewer & Public), 366 E 176th
Oldershaw, Edw. A., 128 Maiden Lane
O'Leary, Jno., 39 Cortlandt
Oliver, Chas. D. & Co., 1123 B'way
Oliver & Burr, 150 Nassau
Olson, J. E., 168 W 23d
O'Rourke Engineering Construction Co. (Pneumatic & Other Foundations, etc.), 26 Nassau
O'Shea, W. L. & G. H., 29 B'way
Oxnard Construction Co., 32 Nassau
Pace, Jno., 787 Tremont av
Pacey, Jas. W., 1123 B'way
Pacific Co. (Mining), 100 B'way
Pacific Improvement Co. (Railroad Construction), 23 Broad
Packard, Ralph G. Co. (Dredging & Harbor), 130 Pearl
Parker, John H. Co. (Building), 225 4th av
Paul, E. E. (Builder), 289 4th av
Pasquini, A., 1123 B'way
Pearson, S. & Son, 128 B'way
Pendergast, N. J., 2742 3d av
Penna Construction Co., 26 Cortlandt
Pfenning, Arnold, 190 Bowery
Phenix Dredging Co., 15 Cortlandt
Phillips & Worthington (Foundation Boring Well, Drilling, etc.), 136 Liberty, N. Y.
Phoenix Construction & Supply Co., 517 E 80th
Phoenix Contracting Co., 72 Trinity pl
Pickey, H. I., 23 Fulton
Piercy, H. C. & A. I. Contracting Co., 269 Amsterdam av
Pierson & Goodrich, 281 4th av
Pilkington, James (Sewers), B'way & 140th
Pinckney, H. Irvington & Co., 19 Fulton
Pinckney, E. A., 23 Fulton
Pinelli Bros., 26 Shell, Williamsbridge
Pistone, Frank, Jerome av n Van Cortlandt av
Pioneer Contracting Co., 147 E 125th
Potterton Bros., 215 W 28th
Prisk, Jos. H., 1999 Madison av
Prescott Construction Co., 1133 B'way
Prodgers, Geo. W., 287 4th av
Pucci, Antonio G. (Public Work), 340 E 109th
Qualey, J. S. Co., 29 B'way
Qualey Transit Subway Construction Co., 13 Park Row
Quinn, J. Frank (Stone), 17 State
Rabinovitz, W. & Son, 140 Chrystie
Rae, Thos., 405 W 24th
Rafel, Wm., 778 6th av
Randall, Stephen M., 1123 B'way
Rankin, Wm. (Building), 119 W 77th
Rapid Transit Subway Construction Co., 45 E 42d
Reconstruction Co., 40 Wall
Reddy, Pat'k, Lenox av & 111th
Redmond, Michael, 748 E 176th
Reese, Thos., Jr., Co., 19 Whitehall
Reid, M. & Co., 18 E 20th
Reid, Walter & Co., 156 5th av
Reilly, H. J., Jr., 22 E 21st
Reinforced Cement Construction Co., 10 E 23d
Remington Construction Co. (Builders), 135 B'way
Rendt, Louis B., 18 Beaver
Republic Gen. Contr. Co., 1181 B'way
Richards, J. F. & Co., 603 W 45th
Riley, Wm. J., Spuyten Duyvil rd, Spuyten Duyvil
Ritch Contracting & Stone Co., 1133 B'way
Riter-Conley Mfg. Co., 39 Cortlandt
Rixson, Oscar C., 5 E 42d
Roberts, P. & Co., 33 Sullivan
Rodgers, J. C., Mott av & 149th
Rodgers, Jno. J., ft. Pike, E. R.
Robinson, E. W., 8 Bridge
Robnson, A. J. Co., 123 E 23d
Rockland Construction Co., 20 Broad
Rodgers, Geo. W. (Harbor & Dock), 44 B'way
Rodgers, McMullen & Bean, 21 Park Row
Rolf, Bernard (General), 19th St. Pier, N. R.
Roman, Jos. M. & Co., 39 Cortlandt
Ronoco Contracting Co., 39 Cortlandt
Rowland, Geo. R., 245 B'way
Ruggles-Coles Engineering Co., 39 Cortlandt
Rush, M. C., 1123 B'way
Russell Contracting Co., 156 5th av
Russhon, Geo., E 170th c Inwood av
Ryan, Cornelius J., 140 W 42d
Ryan, Michael J., 538 W 49th
Ryan-Parker Construction Co., 21 Park Row
Ryan & McFerren (Excavating), 106 E 23d
Ryan & Parker, 138th & N. R.
Salvatore & Scocca, 339 E 125th
Sanderson Bros., 106 W 30th
Sanderson & Porter, 52 William
Sayles Co., 446 4th av
Sayward, Jno. F. & Co., 21 W 24th
Scanlan, Thos., 1131 3d av
Scerbo, A., Inwood av nr 173d
Schlesinger & Fenichel, 230 Grand
Schmidt, Fred'k (Est. of), 824 Westchester
Schmidt, Chas., Av A & 7th
Schnaier, Robt., 957 Madison av
Schnaufer, Fred, 712 E 149th

Schneider, Chas., Morris av & 167th
Seaboard Contracting Co., 258 B'way
Selleck, G. H. & Co., 66 W 132d
Sess, John, 316 E 121st
Sexsmith & Hauser, 1 Madison av
Shanly & Ryan, 17 Park Row
Shea, John (General), 68 W 70th
Sheehan, John C. & Co. (Public Work), 253 B'way
Sheridan, Hugh P., 24 State
Sheridan, Theresa A. S. (Macadam, Excavating, Rock Blasting, Paving, etc.), 17 State
Sheridan & Shea Co., ft. W 97th
Shields, Jno., 1 Madison av
Sierra Madre Construction Co. (Railroad & Tunnel, only for their own road), 100 B'way
Skillman, W. R., 2758 Briggs av
Slattery, John (Sewer & Public), 370 Park av
Smith, Augutus (Building, etc.), 39 Cortlandt
Smith, Clarence L. Co. (Excavating, etc.), 312 W 38th
Smith, Edward Construction Co., 215 W 125th
Smith, Francis H. (Sea Walls, Docks & Lighthouse), 16 Exchange pl
Smith, F. V. Contracting Co., 67 W 68th
Smith, T. G. & Co., 29 B'way
Smith & Brinckerhoff, 322 W 106th
Smith & Robinson (Harbor Work, etc. of all kinds & Land Reclamation, etc.), 17 State
SNARE & TRIEST CO. (Steel & Masonry Construction), 39 Cortlandt. (See adv. index, end of book)
Sollitt, R. & S. Co., 1st av & 44th
Spearin & Preston (Doek, River & Piling), 17 Battery pl
Spring Bros., 136 W 30th
Springsted & Adamson, 434 E 107th
Spence, Jno. & Co., 215 W 125th
Spota Bros., 52 Spring
Staats, R. P. & J. H. (Doeks, Bridges & Buildings), 29 B'way
Stannard, Ambrose B. (Heavy Government Buildings), St. James bldg
Stanton, D. N. (Public Work), 1 B'way
State Line Construction Co., 150 B'way
Steers, Henry (Harbor Work, Piers, Concrete Foundations, etc.), 17 Battery pl
Stephens Clinton & Son (Public Work), 128 B'way
Stevens, Jno. W. Building Co., 156 5th av
STEWART, JAS. & CO. (Harbor, Marine & Heavy Buildings), 135 B'way
Stewart & Abbott (Ltd.) (Public Work), 32 B'way
Stoddard & Hughes, 224 W 29th
Story & Fleckinger, 52 Bond
Strang, W. B., Jr. (Railroad & Public Work), 15 Wall
Streifler Bros. (Building), 241 W 143d
Stuart Construction Co., 135 B'way
Submarine Construction Co., 62 Wall
Submarine Contracting Co., 81 New
Sullivan, Patrick, 230 Grand
Sundstrom & Stratton, 143 Liberty
Sutherland, Alex M. (Street Railways, Water Works, etc.), 15 Wall
Symington, Jas. (Sea Walls, Docks, Light Houses, etc.), 16 Exehange pl
Taylor Dredging Co., 24 State
Taylor & Jenkins, 737 Forest av
Teets, J. W. & A. A., Manhattan av
Terry & Tench Co., Lex. av. & 131st
Thomas, Andrew J., 2 W 39th
Thomas. Hugh Co., 417 E 65th
Thompson-Starrett Co. (Building Construction), 51 Wall
Thorman Contracting Co., 79 E 10th
Tide-Water Bldg. Co., 25 W 26th
Todd, Arthur C., 92 Spring
Tolmie & Kerr. 205 W 30th
Treadwell, M. H. & Co., 95 Liberty
Truswell, Wm. & Son, 16 Cedar
Tucker, J. J. & Sons, 156 5th av
Tucker & Vinton., Inc., 156 5th av
Tulloch, David (Est. of) (Public Work), 308 E 108th
Turner Construction Co., 11 B'way
Turner, Wm., 6 Beaver
Twiname, John (Public Work), 2033 Bathgate av
Udall. Jno. C., 1 Union sq W
Underwood, Fankhauser & Co., 27 William
Union Engineering Co. (Gas & Water Construction), 95 Liberty
Union Subway Construction Co., 113 W 38th
Union Terminal Co. of N. Y., 27 Pine
United Engineering & Contracting Co. (Railroad. Dams. Tunnels, Bridge, Difficult Foundations, etc.), 15 Park Row
United Gas & Water Works Construction Co., 32 B'way
U. S. Realty & Construction Co., 137 B'way
Van Blarcom, C. W. Co., 14 Church
Vandeventer, Abram, 25 Thames
Van Houten, Erskine (Building), 1181 3d av
Van Name, Jos. M., 126 Liberty
Van Wagoner, C. Linn, Construction Co., 27 W 24th
Varney, Geo. A. & Co., 156 5th av
Vassar's, Geo. Son & Co. (Building), 111 5th av
Vermilye-Garry Construction Co., 173d
Vickers & Morris, 150 Nassau
Volk, Jacob & Co., 266 West
Waddington, R. & Son, 17 Park Row
Waite, Guy B. Co.
Wagner, Jos., 2d, Unionport
Walker, Geo. L. Co., 156 5th av
Walker, Jas & Geo., 319 E 38th
Wallace-Appleton Co., Inc., 949 B'way
Wallace, Jas. G., 210 W 42d
Wallace, J. G. Co., 1123 B'way
Walsh, E. S. (Harbor & Public), 78 Broad
Walsh, T. A. (Docks, Bridges, Dredging(etc.), 130 Pearl
Warren-Burham Co., 68 William
Water Front Improvement Co., 220 B'way
Watson, Thos. B., Fordham rd & Davidson av
Weber, John & Sons (Building), 12 E 23d
Weber, Louis Building Co., 1123 B'way
Webster, Fred'k, 47 Cedar
Weinstein, Julius, 192 Bowery
Welch, Edwin & Co., 224 E 59th
Welch, W. E., 1600 Marchei av
Wellman-Seaver-Morgan Co., 8 Bridge
Wells Bros. Co., 160 5th av
Wells & Newton Co., 292 Av B
Welsh, Wm. T., 99 E 220th, Williamsbridge
Western Alaska Construction Co., 81 Fulton
West Side Construction Co., 1931 B'way
Westervelt & McIntyre, 299 W 11th
Whiston's, Wm. Son, 859 6th av
White, J. G. & Co. (Engineer & Contractors), 43 Exchange pl
Whitney, A. R., Jr. & Co. (Builders), 135 B'way
White-Easton-Townsend Co., 160 5th av
Wight, W. N. & Co., 160 5th av
Wille, Chas., 39 E 42d
Williams, B. A. & G. N. (Inc.), Avenue A c E 68th
Williams Engineering & Contracting Co., 13 Park Row
Williams & Gerstle (General), 1st av & 44th
Williamson & Wisner, 42 B'way
Wilson, Robt., 26 Cortlandt
Winternitz, Albert, 237 E 72d
Wood, E. J. Co., 243 B'way
Woods, Edw., Amsterdam av
Wright. Jas. K., 136 Liberty
Zang, Richard & Son, 513 E 154th

Borough of Queens.

ARVERNE—Cronin, Michael J.
Sehwan, Jno.
BAY SIDE—Bouse, Frank C.
Griffin, Jacob. Jr.
COLLEGE POINT—Bornemann, Herman
Lau, J. F.
Tracy, R.
CORONA—Casey Bros.
Connolly, Mauriee
FAR ROCKAWAY—Hantz, Benj.
Kaiser. Geo.
Kane, Thos.
Pearsall, Lewis
Potter, Horatio
Walter, Lewis T., Jr.
FLUSHING—Brennan, J. A.
Brennan, J. A.
Brouder, Jno. J.
Butler, Patk.
Fallon, Jno. F.
Fisher. C. A.
Mara, P. J.
Peace Bros.
Roberts, Evan J.
Skuese, Thos. (Street)
Sullivan Bros.
Tuohy, T. F. & Co. (Street Sprinkling & Public)
Turner. S. M.
Warfield, Geo.
Williams, Cupid P.
GLENDALE—Quinn & Grenman
JAMAICA—Bruckner. Jno.
Carman. Fredk. E.
Duell, Isaac
Duryea. Edwin G.
Marshall. George
Mazzei, Dominiek
Styles & Doughty
Twombly, Arthur (Street Sprinkling & Public)
Ward, John
LONG ISLAND CITY—Alcatraz Construction Co., ft. of 7th
Bowes, Peter, 142 Middleburg av
Brady, Jno., 84 Radde
Brahy, Jno. W., 283 Crescent
Buck, Fredk., 60 Lawrence
Burden, Theron H., 449 Ditmars av
Daly, Chas. J., 170 Payntar av
Deegan, Jas., 140 Jamaica av
Gillics', Jas. & Sons (Stone), Vernon av, nr 14th
Hill, G., 90 Wash'n av
Kane, M., 61 Borden av
Larsen, M., 187 6th
Lorenz, Harry, 407 Lockwood
Lowe, Wm. S., 929 Boulevard
Lutjens, C. H. & Son, 418 Wolcott av
McIntyre, Jas., 210 Young
Manel, Frank, 4 Brown's pt
Osk & Ginsberg, 559 Boulevard
Paradise, Anthony, 98 B'way
Quinn, H. F. & Sons, 22 Hunter's Pt av
Ryan, M. A., 923 Boulevard
Sanitary Exeavating Co., 26 Jackson av
Sbarra, Anthony, 422 Hancock
Scully, E. J., 898 Steinway av
Serino & Co., Payntar av
Stevenson, Chas. R., 3 Court
Stevenson, Jas. A., 5 Court
Terry Contraeting & T. Co., 281 Borden av
Thyer, Thos., 178 8th
Toomey, Jno., 685 9th av
Vlacaheich, Jno., 101 Vandewater av
Woodill. Wm. L., 26 Ely av
Woodruff, C. Curtis & Co., 211 10th
Zoccolo, P., 234 15th av
MIDDLE VILLAGE—Greenan, Thos.
OCEANUS—Albert, Jno. J.
Holland, Chas.
Sandifer, Wm.
Sherwood, C. W.
Spenelli, Dominiek
OZONE PARK—Carupella, Pasquale & Co.
Hoppach, Chas.
RICHMOND HILL—Cooney, Egene F.
Dunning, E. & Co.
Kenny, Patrick
Swift, H. J.
WHITESTONE—Collins, Lawrence
Connelly, Timothy
Crooks, George
Mulhall, Jas.
O'Connor, Wm.
WINFIELD JUNCTION—Quis, Michael
Seibert, Jos.
Tymann, Christian
Zimmerman, Philip
WOODHAVEN—Johnson, Ellsworth J.
Lott, Geo.

Borough of Richmond.

CASTLETON CORNERS—Barnes, Reon
Beattie, Jas. W.
DONGAN HILLS—Butler, Tunis E.
GARRETSON—Conley Bros., Richmond rd
HUGUENOT—Miller, Edward
KREICHERVILLE—Dunigan, J. M.
LINEOLUMVILLE—Debow, Jno., Chel av
MARINERS' HARBOR—Jones, Andrew, Wash. av n South av
Osborn, U. W. & Bro., South av
Walker, Jos. (Sewer Paving), Rich. ter n Mersereau av
NEW BRIGHTON—Hart, P. & Sons (Excavating & Flagging), 17 Laf. av
Milliken Bros.
Sullivan, J. D., 31 Tyson
Sweeny, Jas., 226 Jersey
Trinder, Thos., 264 Jersey
NEW DROP—Lake, D. W., Mill rd
PORT RICHMOND—Anderson, Wm. M., 64 John
Donovan Bros. (Public Work, Roads, etc.), 393 Rich ter
Hardy, Thos., 22 Maple
Milnes, Jno. Co.,
Tyman, Edw., 60 Newark av
PRINCE'S BAY—Rodner, Cornelius
ROSEBANK—Lane, James, 14 Quinn
Ludlow, Wm. H., Ft. Wadsworth
Morgan, T., 56 McKeon
O'Rourke, B. & Sons, 55 Gordon
Wolff, Philip & Son, 14 Wright
STAPLETON—Foley, Thos.
TOMPKINSVILLE—Bender, Geo.
McLean, Colin
WEST NEW BRIGHTON—Attridge, Jno. F., Richmond
Carlin, Thos.

Conklin, Wessels P.
Dandignac, Edward J.
Donovan, Humphrey, Burger av
Frew, Alex., Cstl'n av
Kelly, James, DuBois av
Lynch, William F., Davis av
McQuade, John (Sewer & Public), 48 Columbia
Murphy, Michael, 43 Barker

(END OF NEW YORK CITY.)

NIAGARA FALLS—Cookman, W. H. (Sewer & Public)
Cookman, W. H. (Sewer & Public)
Douglas, A. C. (Shaft Sinking & Tunnel Work)
Niagara Engineering Co.
Rickert, Gus (Sewer & Public)
Stainthorpe, C. N. & Co.
Wentworth-McMillen Co.
OCEANUS—(See N. Y. City, Borough of Queens)
OGDENSBURG—Daly Bros. (River & Harbor)
OLEAN—Fee, Eugene (Paving, etc.)
Van Campen, J. K. (Paving, etc.)
Homer & Co.
Taylor, B. U. (Large Builders, etc.)
OSWEGO—Bradley, Walter Co. (Paving, etc.)
Henrick, John (Public Work)
OWEGO—Richardson, L. J. (Waterworks & Public)
OZONE PARK—(See New York City, Borough of Queens)
PATCHOGUE—Gerety, John (Sewer & Public)
PELHAM MANOR—Gerry, Allston (Public Work)
PELHAMVILLE—Smith Bros. (Waterwork & Public)
PHELPS—Edison Bros. (Public Work)
PHOENIX—Russ, E. A. (Public Work)
PLATTSBURG—Brewster, W. H. (Roads, etc.)
Prescott & Buckley (Roads, etc.)
Rogers, Geo. A. (Roads & Public
Rogers, Halsey H. (Public Work, Roads, etc.)
Rogers, James S. (Public Work)
Rogers, Robt. H. (Public Work)
PLEASANTVILLE—Douglas & Donahue (Public Work)
PORT BYRON—Baldwin, Daniel (Public Work)
Priday, W. B. (Public Work)
PORT CHESTER—Murray, Daniel (Public Work)
PORT RICHMOND—(See New York City, Borough of Richmond)
RHINEBECK—Curran, Frank (Public Work)
Hains, E. M. & Co. (Public Work)
RICHFIELD SPRINGS—Monahan, Geo. (Public Work)
ROCHESTER—Brayer & Albaugh (Sewers, Grading, Heavy Masonry, etc.), 27 Main E
Brotsch, Fredk. A. (Street & Sewer), 826 Clinton av, S
Carson, Wm. & Chas. H. (Stone), 54 Plymouth av
Chambers, George (Sewer, Paving, Masonry, R. R. Waterworks, Roads & Builders), Powers blk
Cowles, H. N. (Sewer and Public Work), 47 Tacoma
Crahan & Kearns (Street), Smith blk
Denniston & Co. (Street & Sewer), E. & B. bldg
Ellsworth & Grant (Public, R. R., Builders, Roads, etc.), Rochester German Ins. bldg
Foery & Kastner (Street), Goodman, opp. Central Park
Friedrich, Julius (R. R., Sewer, Street, etc.), 29 Frederick Park
Fuller, Wm. (Sewer & Street), 16 State
Holahan, Thos. (Street), 164 Lewis
Hooker, H. B. & Son. (Roads, etc.), Wilder bldg
Karweick, John & Son (General), 48 Rauber
Krewer, Michael (General), 323 Wilder
Lauer & Hagaman (Sewer and Street), 458 S Clinton av
Oliver, Horace T. (Sewer & Street), 328 South av
Pappert, A. & Sons (General), 707 Clinton av, S
Rochester Vulcanite Pavement Co. (Paving, all Kinds)
Wagner, John G. (Building), 20 Leopold
Warren Bros. Co. (Street & Sewer), 149 W Main
Whitemore, Rauber & Vicinus (Sewer, Street, Roads, etc.), 279 South av
ROME—Cramond, W. J. (Paving, Masonry, etc.)
Parry & Jones (Public Work, Bridge, Masonry, etc.)
Reider, L. G. (Flagging, etc.)
ROSEBANK—(See New York City, Borough of Richmond)
ST. GEORGE—(See New York City, Borough of Richmond)
SALAMANCA—McCann, Hubble & Co. (Paving, (etc.
SANDY HILL—Cunningham, John J.
Finch & Clark (Public Work)
Flood & Sherrill (Public Work)
Higley & Barber (Public Work)
SCHENECTADY—Brayer & Alabugh (General), 113 Lafayette
Buckley Construction Co., 211 S Center
Butler Construction Co. (Builders & General Contractors)
Clements, Jos. H. (Public Work), 502 Hamilton
Kinum, Andrew (Building & Public), 119 Park pl
McDermott, Jno. (Building & Public), 108 Romeyn
McEncroe, Jno. (Public Work), 709 Union
SENECA FALLS—Barlow, George (Sewer & Public)
SIDNEY—Jameson, Jas. (Sewer & Street)
Wood, Chas. (Sewer & Street)
SPRING LAKE—Priddy, W. H. (Public & Government)
STAMFORD—Vaughn, Jehell (Public Work)
STAPLETON—(See New York City, Borough of Richmond)
SYLVAN BEACH—Poppleton, Moses (Public Work)
SYRACUSE—Archbold-Brady Co., University bldg
Belden, A. J. (R. R. & Public), 621 W Genesee
Bustin, John W. (Sewer, etc.), 405 W Onondaga
Davin, Jno. (Public Work), 123 Delhi
Denniston, E. H. Co., Kirk bldg
Drake, John H., 1716 W Genesee
Dwyer, Wm. J., 112 E Jefferson
Driscoll, A. C., 112 E Jefferson
Empire Contracting Co. (Paving, Sewer & Public), 112 E Jeff'n
Gillett, Wm. J., Kirk bldg
Gleason & Kiely (Street, R. R. & Public), Kirk bldg
Grannis, Geo. L. (Paving, Sewer, R. R., Water Works, etc.), 312 E Genesee
Hookway, Chas. T. (Sewer & Public), 557 Lancaster av
Horton, Charles H. (Sewers), 312 E Genesee
Hulbert, Lucius D. (Sewer, etc.), 413 Midland av
Hurd, Sherman & Co. (Excavating), The Bastable
Kane, John (General), 430 Harrison
Lawler, Martin (General), 216 Chemung
Lavelle, Martin (Paving, Sewer, etc.), 712 Almond
Leamy Bros. (Builders & General), 331 S Warren
Lowery, Jas. P. (General), 219 Grand av
Mara, Rhody (Sewer & Masonry), 1308 1st North
Marnell, Thos. (Sewer, etc.), 228 W Belden av
Martin, Andrew (All Kinds of Public Work), 1315 N Salina
McAllister, Geo. L., 706 Madison
McNamara, Edward (Paving), 609 E Adams
Merrick, C. & L. (Builders & General), 1008 S Salvina
Munroe, W. H. (Grading), Janes nr Thompson E'wood
Murphy, David, 234 Lincoln av
O'Brien & Hoolihan (Building, Canal & Public), 1722 Park
Onondaga Vitrified Brick Co., S. A. & K. bldg
Pack, G. W. & Son (Heavy Masonry, etc.), 415 E Water
Ruston & Lewis, 201 Furman
Smith, Chas., 317 N State
Seifert, Augt. G. (Paving), 407 E Laurel
Stuart & Meagher (General), A. Wieting blk
Sullivan, C. J., 126 S Clinton
Swift, Jas., 122 S Hudson
Syracuse Construction Co., 200 W Genesee
Syracuse Improvement Co. (Paving & Public), 207 S State
Syracuse R. R. Construction Co., O. C. S. Bank bldg
Van Winkle, Edwd. B. (Excavating & Teaming), 128 Lincoln av
Warwick, J. C., 324 W Colvin
Webb, A. S. (Paving), 500 Park av
TAPPAN—Campbell, D. D. & Son
TARRYTOWN—Bannon, Timothy (Excavating & Sewer)
Duell, Jas. (Sewer, Paving & Excavating)
Egan, Jno. (Excavating & Sewer)
TONAWANDA—Gipp, L. H. (Paving, etc.)
Greiser, D.
Niederpreum, Gibbs & Shaaf & Co.
Rogers & Ryan
TROY—Besch, Frank (Paving, etc.), 129 Ferry
Ives & Kennedy, 148 3d
Karr, Thos. H. (Roads, etc.), 708 Fulton
McKenna, Patrick (Paving, etc.), 173 3d
Morrissey, James H., 371 2d
Murray, Martin (Roads, etc.), 14th & Hutton
TUCKAHOE—Bellen & Merritt Co. (Roads etc.)
UTICA—Allen B. & Son (Paving, etc.), Park av & Catherine
Dwyer Construction Co. (General), 217 Bleecker
McCaffrey, P. J. (Building & Public), 6 Taylor av
Marsden, John (Public Work), 21 West
Martin E. & J. E. (Roads, etc.), 23 Rutger
Richards, R. & Son (Buildings & General), 42 Elizabeth
Siegrist, J. J. (Public Work), 2226 Bleecker
Troy Public Works Co. (Public Works), Mann bldg
Warren Bros. Co., Clarendon bldg
WATERFORD—Evelyn, Henry S. (Public Work)
Parker & Flynn (Roads, etc.)
WATERTOWN—Haley, Ward & Burns (General), Bank bldg
Hinds, F. A. (General), Flower bldg
Jones, W. C. (Plaster), 22 Stone
Kenney, W. E. & Co. (Electrical), 26 Stone
WATERVLIET—Andrews, Allen S.
Benjamin, Thos. (Dock, Sewers, etc.), 1501 7th av
WATKINS—White & Coughlin
WAVERLY—Whalen & Higgins (Public Work)
WEST NEW BRIGHTON—(See New York City, Borough of Richmond)
WEST WINFIELD—Gibson, Alex. T. (Water Supply)
WHITEHALL—Adams, Jeremiah (Public Work)
Whalen, John W. (Public Work)
WHITE PLAINS—Erbeck Bros., 1 Depot sq
Jackman, J. (Public Work)
Malloy, Rexford & Co.
McCabe & Duffy (Roads, etc.)
Richards, Toney (Public Work)
WHITESTONE—(See New York City, Borough of Queens)
WINFIELD JUNCTION—(See New York City, Borough of Queens)
WOODHAVEN—(See New York City, Borough of Queens)
WOODSBURG—(See New York City, Borough of Queens)
WOODSTOCK—Snyder, E. & Co. (Roads, etc.)
YONKERS—Dougherty, Patrick J. (General), 484 Van Cortlandt Park
Flanagan, W. J. (Sewers, etc.), 390 S B'way
Grady, Kearns & Hart (Sewer & Street), 11Myrtle
Keefe, M. H. (Sewer), 63 Livingston av
Murphy, Patrick H. (Sewers, etc.), 70 Park Hill av
Malloy & Murray (Sewer, etc.), 11 Palisade av
Pennell, Jos. B., 3 Palisade av
Stewart, Robt. L., 38 Wells av

NORTH CAROLINA.

ASHEVILLE—Kelly & Felthaus (Water Works & Public)
CHARLOTTE—Charlotte Consolidated Construction Co.
Tompkins, D. A. Co.
FAYETTEVILLE—Poe & Co.
HICKORY—Elliott, J. D. (street)
WILMINGTON—McLean, Wm. & Co.
Wilmington Sewerage Co. (Sewers, etc.)
WINSTON—Magruder, J. O.

NORTH DAKOTA.

FARGO—Bowers Bros.
Hogan, Andw. S.
Jardine, John (Bridges, etc.)
Johnson, C. H.
Kennedy, James (Public Work)
Porritt, C. H. (Sewer & Public)
Runner, G. B.
Wilson, Stewart
GRAND FORKS—Carroll, J. (Excavating, etc.)
Dinnie Bros. (General)
WAHPETON—Northwestern Construction Co.
Schuler Bros. & Co. (Sewer & Public)

OHIO.

AKRON—Burk, Wm. E. (Grading, etc.), S S Cole av
Carmichael, Geo. W. & Co. (Builders, etc.), Hamilton bldg

Cleveland Construction Co. (Street, R. R.), Hamilton bldg
Croft, J. D. (Excavating, etc.), 703 S B'way
Dickson Transfer Co. (Teaming), 116 N High
Kidder, F. D., 106 Jackson
McCourt, M. H. (Excavating, Grading & Paving), 1084 S Main
McCourt, P. T. (Excavating & Paving), 815 S Main
McGarry & Isbell (Sewer, etc.)
McGowan, Jas. (Paving, etc.), 111 McGowan
McGowan, S. C. (Paving, etc.), 111 McGowan
Madden, Patrick (Masonry & Excavating), 104 E North
O'Marr, Dan'l (Masonry & Paving), 545 W Market
Parshall, S. W. (Sewer, etc.)
Whitestine, Asa (Teaming, etc.), 1001 E Exchange
Wildes, Jas. H. & Son (Grading, Paving & Sewers), 116 S College

ALLIANCE—Auld, John & Son (Sewers)
Devine, J. C. (Paving & Railroads)
Holles, C. L. (Grading, etc.)
Joliet, S.
Pfouts, O. W. (Sewer)
Shilling, A. B. (Grading, etc.)

ARCHBOLD—Independent Construction Co.

ASHTABULA—Clark, T. J. (Sewer)
McKenzie, Geo. M. (R. R., Sewer, Dock,etc.)
Pulman, E. G. (Street, etc.)
Starkweather, H. (Street, etc.)

ATHENS—Bishop, G. E.
Force, Robert W.
Kratzer, E. N.
Lutz, Chas. G.
Paul & Henry.

BELLAIRE—Day, H. T. (Sewer & Public)
General Construction Co. (Street & Public)
Rosser & Castoe (Sewer & Public)

BRILLIANT—Coen, Michael (Sewer & Public)
Hunter & Cox (Sewer & Public)

BUCYRUS—Gardner, A. H. (Sewer & Public)

CANTON—Hadley, John K. (Grading, Paving, etc.), 137 W 8th
McCafferty, C. (Street & Public), 1512 W Tusc
Melbourne & Dine (Street & Public)
Stanton, Pat'k J., 1102 S McKinley
Turnbull, T. K. & Son (Street & Public), 1325 N Market

CARTHAGE—Hellming, August (Street)
Quill, M. F.
Smith, John J.
Tosso, A. L. (Street, etc.)

CHILLICOTHE—Letter Bros.
Pfaff & Ringwald (Paving, etc.)

CINCINNATI—(See also Contractors & Builders. R. R. Contractors, etc.
Amiss, Sam'l W., 829 W 6th
Baron, Jno. (General), 4717 Eastern av
Behne Bros. (Sewer, Paving, etc.), 2185 Barnard
Benhase, Edward (Excavating), Brewster av nr Woodburn av
Bolan, J. M. (Street), 1466 State av
Brinkman, E. H. (General), 416 W Liberty
Broeman, Frank (Paving & Public), 3925 Llewellyn av
Bruning, B. F. (General), 4148 Spring Grove av
Baddenberg, Henry C. (Sewer), 2139 Clifton av
Buckeye Construction Co. (General), 232 W 8th
Burke, Jno. J. (Excavating), 1538 Gilpin av
Carey & Zimmerman, Fosdick bldg
Christman, Chas. (Excavating), West Fork rd
Colter, Archibold (Street), Grand Opera House bldg
Cronan, Cornelius (Sewer), 1620 Hewitt av
Coyle & Schoonmaker, 418 Vine
Crowley, Michael (Street), 768 Wayne
Cronan, Con (Sewer), 1620 Hewett av
Curry, Thos. C. (Street), Winslow av nr Fern
Delaney, J. & Co. (General), 1768 E McMillan
Deters, John F. (Street), Classen, west of Dennis
Diekmeier, Henry, 209 15th
Dolman, Jas. (Wrecking), 705 Rending rd
Donohue, Jno. (Excavating), 2518 Spring Grove av
Drach, Louis Construction Co. (General), 5th & Vine
Ellis, W. H. & Co. (Builders, etc.), Mitchell Bldg
Esterkamp, Geo. (Excavating), West Fork rd, M. Tp
Evans, Evan (Sewer, etc.), 1226 Ida
Ferro-Concrete Construction Co. (Builders), Mitchell bldg
Finnell, Dennis (Excavating), 1985 Fairfax av
Flynn, M. T. (Street), Chase av & Dane
Fogarty, Wm. (Paving & Public), 2550 Burnet av
Folz, Frank W. & Co. (Paving, Sewer & Public), Dayton & Freeman av
Folz & Jonte Main & Court
Fox Bros., 409 Elm
Frank, Henry (Sewer), 1638 Western av
Frank, Henry, Jr. (Sewer), 1638 Western av
Funke, John (Cellar & Excavating), c Dayton & McLean av
Gawne, W. J. Co. (Water Works), 2611 Eastern av
Gest, G. M. (General), Union Trust bldg
Gilroy, P. S. (Builder), 652 W 6th
Glandorf, C. H. (Pile Driver & Public), Temple Court
Gleason, Geo. S. & Co. (Street), Builders' & Traders' Exch.
Gleason, Patrick (Street), Builders' & Traders' Exch.
Glidden, Frank M. (Street, etc.), 204 W 8th
Goodman, John & Co. (General), 2133 Florence av
Grower, Ludwig (Street), 2229 Fowler
Hannon, John (Excavating, etc.), East End Glenwood av
Hazen, L. P. & Co. (Heavy Buildings & Public Work), Reading rd & Elsinore av
Heffron, Wm. Construction Co., Neave bldg
Henkel, A. J. & Bro. (Sewer, Paving & Public), 621 Main
Henkel & Sullivan, Bodmann bldg
Henehan, Michael M. (General), 1324 Lincoln av
Howard, Thos. T. (Street), 279 Ludlow av
Hummel, David Building Co. (General & Stone), 2629 Spring Grove av
Iliff, C. E. & Bro. (Building), 312 E 6th
Johnson, Richard, 1316 Baymiller
Kelty, Timothy (Excavating), 1819 Highland av
Kirchner Construction Co. (General), 8th & Plum
Millis, Jno. J. (Excavating), 1064 Kossuth
McCarthy Bros. (Sewer), 1331 Spring
McDonald, Chas. (Stone), 1220 Sherman av
McErlane, Henry (Street), 3042 Gilbert av
Martin, Louis G. (Excavating) 2550 Hackberry
Mahoney, John E. (General), 719 Whittier
Maloney, Thomas (General), 1858 Forest av, W. H.
Melcher, Henry, Union Trust bldg
Metz, Michael, 345 Shiloh
Morris, Richard (Street), 2238 Gilbert av
Murray, G. & Bro. (Paving & Public), 531 Clinton
Pachoud, A. L. & Co. (Wrecking), 1037 Gilbert av
Rath, Frank G. (General), 1215 Jackson
Reinhardt, Geo. (Excavating), 1605 B'way
Robinson, O. E. (General), 4647 Hamilton av
Ruebel Bros. (Street), Atlas Bank bldg
Sauer, Jno. (General), Sauer av nr Parker
Schlag, Chas. M. (Sewer), Herschel av nr Erie av
Schroder, Edward (Excavating), 4345 Beach Hill av
Schwepe, Jos. H. (Excavating), Edwards rd nr Observatory av
Scully Construction Co. (Builders), Builders' & Traders' Exch.
Scully, Edward (Sewer), 1149 Bates av
Strack, Thos. P. (General), 518 Walnut
Sullivan, Jeremiah A. (Sewer), 1680 State av
Sullivan, Jno. W. (Builders), Bodmann bldg
Sullivan, Michael (Water & Public Work), 621 Main
Tighe, Patrick, 3238 Harvey av
Tobin, Jno. E. (Paving), 1214 Sycamore
Van Sandt & Meeds (Sewer, Paving & Public), 518 Walnut
Walker, Geo. P. (Sewer), 5th & Vine
Washburn, Jno. B. (Builder), Johnston bldg
Webb, L. M. Contracting & Construction Co., 111 W 2d
Wiese & Hanley (Grading), 1470 State av
Willen, J. Henry (General), 1708 Race

CLEVELAND—Acme Contracting Co., Soc'y for Savings bldg
Andrews Bros., 176 Euclid av
American Contracting Co. (Bridge), 260 Euclid av
Armitage, Charles B. (Grading, Paving, etc.), 95 Brenton
Baisch, Chas. (Excavating), 2 Tanner
Beduhn, August J. (Sewer & Paving), 1314 Zoeter av
Beers & Doolittle (General), Citizens bldg
Blundy, Stephen (Grading, Paving, etc.), 126 Murray Hill av
Brainard, Addison (Grading, Paving, etc.), 134 Force
Bramley, George T. (Grading, Paving, etc.), 316 Burton
Brannan, Andw. W. (General), 249 Quinby av
Brennan, John F. (Grading, Paving, etc.), The Arcade
Briggs, C. Lee (General), Electric bldg
Burgess, C. H. (Paving & Public), 20 Euclid av
Burkhardt, Christian (Sewer), Blackstone bldg
Burne, Lalande H. (General), Citizens bldg
Burnett, Rollin P. (Paving & Swer), Soc. for Savings bldg
Burtscher, Jos. I. (Sewer), 72 Hayward
Campbell, M. P. (Sewer), 1933 Detroit
Carey, Pat'k H. (Grading, Paving, etc.), 56 Parkview av
Caunter, Geo. & Son (General), Bldrs' Ex.
Clements Bros Constructing Co. (Paving, Sewers & General), Colonial Arcade
Cleveland Trinidad Paving Co. (Paving, etc.), Rose bldg
Clomann & Sons (Sewers), 1009 E Lexington av
Condon, Moses F. (General), 336 Bolton av
Cowing, Jno. P. (General), Citizens bldg
Dall, Andrew & Son (Builders), Euclid av c Muirson
David, Jos. (Railroad & Public), 118 Colonial av
Davies, Geo. (General), The Arcade
Davis, Jos. C. (General), Garfield bldg
Dautel, L. & Son (General), Rose bldg
Dravo Contracting Co. (Dredging, etc.), New England bldg
Duff, Jas. & Co., 600 Franklin av
Dunn, A. J. & Co. (General), American Trust bldg
Eberling, J. B. & C. M., 87 Public sq
Eden, James (Sewer), 723 Waverly av
Eggers, Wm. (Sewer, etc.), 451 Jennings av
Eggett & Garvin (Excavating), 98 Gaylord
Fath, C. H. & Son Construction Co. (Masonry, Pile-Driving, etc.), Cham. of Com. bldg
French, Arthur E. (Paving, Grading, etc.), 878 Fairmount
French, Jno. (Paving, Grading, etc.), 235 Streator av
Garland, Thos. H. (Paving, Grading, etc.), 13 Deckhand
Gawne, W. J. Co. (General), Williamson bldg
Gayer, Peter Cons. Co., Wade bldg
Gick & Fry (General), Builders' Ex.
Gill, Jno. & Sons (Builders & General Contractors), Williamson bldg
Gribben, F. E. (General), Williamson bldg
Griese, D. C. & Walker Co. (General), Society of Savings bldg
Griffin, C N. & Co. (General), The Arcade
Hammill, Hiram (Paving, Grading, etc.), 82 Reynolds
Harris, Wilson & Son, 507 Seneca
Hayes, Thos. & Son (Grading, Paving, etc.), 1239 Superior
Henahan & King (General), Rose bldg
Herb, Cyrus M. (Sewer, etc.), 6 Dove la
Herring & Burgess (Paving, etc.), 29 Euclid av
Hoffman, Conrad J. (Paving, Grading, etc.), 170 Willard
House, Wm. & Son (Excavating), 113 Perry
Hughes Bros. & Bangs (Dredging, etc.), Hickox bldg
Hunkin Bros. Construction Co. (Breakwaters, Piers, Buildings, etc.), Cuyahoga bldg
Hurley Bros., 11 Lake View av, Blnvle
Jenkins, Chas. E. (General), 46 Spangler av
Keiper, John J. (Sewer, etc.), 1649 St. Clair
Kemsies & Barclay (General), Schofield bldg
Keslake, Albert (Paving, Grading, etc.), 18 Itaska
King Bridge Co. (Bridge bldrs.), St. Clair, head of Ruskin
LeDuke, Jno. N. (General), 56 Malcolm
Lorain Dredging Co. (Dredging, etc.), Williamson bldg
Lynch, Jas. J. (Sewer), 110 Ramsey
McAllister, Wm. B. Co. (General), 20 Newton
McCarthy, Jas. (Grading, Paving, etc.), 1 Little
McCracken, C. T. & Co. (Sewers, etc.), 2657 B'way
McGillis, W. A. & Co. (Dredging), Wade bldg
McManus, Thos. J. (Grading, Paving, etc.), The Arcade

McReynolds, Roland F. (Sewer), 193 Woodland Hills av
Northern Ohio Paving & Construction Co. (Paving & Public), The Arcade
Patchett, Wm. H. (Grading, etc.), 2108 Surior
Phillips & Bixel (Sewer), 236 Superior
Poplowsky Bros. (Sewer, etc.), 163 Scovill av
Reaugh, J. A. & Son (Builders), 523 Garfield bldg
Roehl Bros. (General), 736 Clark av
Roehl, Fred (Paving, Grading, etc.), 140 Merchant av
Rothenbecker Bros. (General), Superior bldg
Russell Bldg. Co., 29 Rawlings av
Rutherford, Geo. A. Co. (General), 40 Sheriff
Ryan, Wm. (Paving, Grading, etc.), 18 Everett
Schmeller, Jno. (General), Park bldg
Simmons. C. O. Cons. Co. (General), Cchofield bldg
Skeel Bros., 63 Center
Slatmyer, Henry G. (General), 130 Lake
Smith, L. P. & J. A. (Harbor, Bridge, Railroad & General), Williamson bldg
Spence Bros. (Grading, Paving, Sewers, Macadam Roads, etc.), 2923 Euclid av
Standard Contracting Co. (Railroad & General), 63 Wade bldg
Stanton, Jno. D. (General), ft of Front
Strong, C. H. & Son (Dredging, Steam Shovels, Bridge Masonry, Docks, etc.), 802 Cuyahoga bldg
Tausch, Wm. F. (General), Williamson bldg
Terney, Jas. F. (Sewer, etc.), 168 N Perry
Thomas, John (General), 184 Alanson
Thompson, Crosby (General), 135 Bolton av
Thompson, Walter I. & Son (General), Rose bldg
Townsend, W. J. Co. (Sewer), 103 Miles av
Tuaka, Jacob (Grading, Paving, etc.), 142 Chadwick
Tubman, Alex. (General), 872 Fairmount
Vogel, Fred H. (General), Citizens' bldg
Wachs, Wm. (Grading, Paving, etc.), 152 Carabelli
Wardent & Leese (Sewer), 433 Erie
Warren Bros. Co. (Grading, Paving, etc.), Chamber of Commerce bldg
Watterson, Henry, Citizens' bldg
Weis, Harry L. (General), 34 Marion
Whitehouse, James & Sons (Paving, Grading, etc.), 9 Beaver
Wherry, Levi (General), 23 Oak pl
Williams Bros. & Morse, Builders' Ex.
Wood, Thos. (Sewer, etc.) 81 Michigan

CLYDE—Clyde Construction Co.

COLLINWOOD—Baldwin Bros. (Street & Public)

COLUMBUS—Abbott, Nathan B. (Paving, etc.), 85 N High
Acme Paving Co. (Paving), 410 W State
Adams, J. T., Schultz bldg
Bauer, Geo. (Excavating, Sewer, etc.), 969 Parsons av
Barron, W. A. (Bridge), 534 Linwood av
Baumann, Ferdinand (General), 34 S 3d
Brown. F. A. (General), 1941 Neil av
Central Supply & Construction Co. (Sewer), 306 N High
Clomann, H. G. & Sons (Sewer, etc.), 1009 E Livingston av
Columbus Construction Co. (General), Clinton bldg
Columbus Macadam Co. (Macadam Roads), 319 Dublin av
Cooke & Grant (General), Eberly blk
Creager, Frank C. (General), 1134 Franklin av
Edgar, R. A. (General), 50 Latta av
Esswein, Sam'l A. (Sewer), 24 W Broad
Etna Construction Co. (Bridge & Masonry), 34 E Town
Fisher & Knight Construction Co., 23 E State
Grant & Darnell (Excavating), Eberly bldg
Helms, Perry C., 1059 Bellows av
Hoover & Kinnear Co., Deshler bldg
Huston & Cleveland (Bridge), 70 Ruggery
Jones, I. O. (Sewer), 707 Grove
Lind, L. H. (Sewer), 890 Wilson av
Luchtenberg, Wm. H. (Paving & Public), The Wyandotte
McGrath, Daniel W. (Sewer & Masonry), Ruggery bldg
McMaster & Fletcher, 338 E State
Moore, J. E., 603 St. Clair
Miles-Murphy Co., Hayden-Clinton B'k bldg
Moler, W. V. (Sewer), 161 N Wall
Ochsenwald, Edward (General), 338 Siebert
Parish, Jno. (Excavating), 1155 Highland
Phillips, Wm. H. (General), 705 Oakwood av
Pugh, A. G. (Paving Sewer, etc.), Dispatch bldg
Schneider, A. D. (General), 431 S 4th
Schneider, Frank (Sewer), 723 Germania
Schneider, Geo. M., Est. of (General), Hayden bldg
Sebring, Homer (Excavating), 1956 S Washington av
Seliger, John N. & Co., 685 S 3d
Standard Paving Co. (Paving), 378 W Rich
Sullivan, D. E. (General), 1232 N High
Westwater, Jas. & Co. (Builders & Masonry), The Wyandotte
Wittenmeier Stone Co. (Heavy Masonry), Mound n H. V. Ry. Station
Young, Leonard (Sewer, etc.), 124 W 10th av

DAYTON—Brentlinger, E. E. (Paving, etc.), 1310 N Main
Brentlinger, E. E. (Paving, etc.)
Chrisman, Wm. (Street), 304 S Boul
Dwyer, Patrick O. (Street Sprinkling), 614 W 5th
Gephart, E. M. (Street), 1902 W National av
Hickey, John F. (Street), 803 W Edgewood av
Hildebrand, Conrad & Son (Stone Masons), 403 E Huffman av
Hively, Geo. R. (Street), 235 S Louie
Johnson, G. S. (Street), 55 E McPherson
Kramer, Fred W. (Street Sprinkling), 109 S Morton av
McDonald, John (Street), 811 N Keowee
Morris, Wm. E. (Dredging), 148 S Eagle
Onkst, David A. (Sewer, etc.), 31 E Hershey
Reid, Jas. & Co. (General), Reibold bldg
Ritty, Bruno (Heavy Masonry), 443 W Holt
Schenck, Edw. D., 36 S Hopeland
Weisheit, A. & Bro. (Street Sprinkling), c Pierce & Steele av
Wenger, J. F. (Excavating), 230 N Western av

DEFIANCE—Schneider & Sons (Bridge, Sewer, Etc.)

EATON—Becker Bros. & Hunter (General)

ELYRIA—Ohio Engineering Co. (Paving, Sewer & Waterworks)

FINDLAY—Altman, E. (Excavating)
Curren, J. C. (Oil Well)
Drasch, Louis Construction Co. (Street)
Kelby, J. W. (Oil Well)
Kirkbridge, J. W. (Oil Well)
Lang, Chas. (Oil Well)

FOSTORIA—Karg, Henry (Public Work)

GREENVILLE—Baker, Maher & Stoker (Sewer & Public)
Irvine Bros. (Sewer, Etc.)

HAMILTON—Andrews, W. N. (Public Works)
Kinch, Frank (Cementing & Street), 435 Main
Louthan, Wm. H. (Sewer, Paving, etc.), 743 Heaton
Shields, H. & J. W. (Masonry & Excavating)

IRONTON—Black & Jones (Sewer & Public)
Mulligan, T. J. (Sewer & Public)

ISLAND CREEK—Morngold, Geo. B. (Sewer & Public)

LANCASTER—Ficker, Cloves & Smoot (Public Work)
Ingram & Neeb (Public Work)
Miller, A. G. (Public Work)
Stahl & Justus (Public Work)
Walker & Whissel (Public Work)
Work Bros. (Public Work)

LANESVILLE—Ayers, E. M. (Public Work)

LIMA—Blodgett, Z. (Sewer & Excavating), 1300 W High
Dingledine, Philip (General), 617 S Pine
Finfrock, D. J. (Sewer), 154 S Pine
Foley, Maurice (Street), 625½ N Main
Glaze, G. W. (Sewer), 253 S Pine
Lima Construction Co.
Morton, G. W. (Grading), Nye
Olney, J. O. (Grading), 918 E Elizabeth
Southern Constrfuction Co.
Spyker, Milligan & O'Brien (Paving & Pub-
Vansky, J. M. (Street), 422 W 3d
Wells, C. H. (Paving), 215 Black blk

LORAIN—Stang, John (Public Work)
Leffler & Bland (General)

MANSFIELD—Gandert Bros. (Street & Stone)
Herring, G. B. & Son (Street Paving, etc.)
Straub & Hamblin (Street Paving, etc.)

MARIETTA—Berry, W. J. (Paving, etc.)
Wilking, John (Paving & Street)

MARION—Kelly, P. & Co. (Public Work)

MASSILLON—Loeffer, H. W. (Paving), 19 Wellman

MIDDLEPORT—Talbott & Lindsay

MIDDLETOWN—Kemp, T. M. & Sons (Paving & Public)
Smith, Benj. (Excavating)

MILAN—Stein Bros.
Truit & Briton

MINERVA—Hart, Silas W.
Watson, T. H.

NELSONVILLE—Juniper, Abner
Welch, John F.

NILES—Mango, V. (Sewers & Paving)

NOBLESVILLE—Holleran, Michael & Co.

NORWALK—Schumer, Frederick
Stewart, Geo. S. (Public Work)

NORWOOD—McJoynt, James (Street, etc.)
Snyder, John (Street, etc.)

ORRVILLE—Shannon, H. D. & Co. (Public Work)

OTTAWA—Smith & Lutz

OXFORD—Johnson Bros. (Sewer & Public)

PAINESVILLE—Curtiss, Theo. (Paving & Pub-

PAULDING—Hordesty, Geo. (Paving)

PIQUA—Martin, C. E. (Sewer)

PLEASANT RIDGE—Jutze & Dickinson

POMEROY—Bauer, Geo.

PORT CLINTON—Slaymaker, A. M. (Sewer, etc.)

PORTLAND STATION—Stringer, T. J. (Sewer & Public)

PORTSMOUTH—Munroe & Bryan (Sewer & Public)
Portsmouth Paving Co. (Paving, etc.)

SALEM—Buell, Samuel (Sewer & Public)
Gunn & Burt (Sewer & Paving)
Smith, Geo. D. (Sewer & Paving)

SANDUSKY—Callan, M. J. (Sewer, etc.)
Doerzbach, G. W. (Building & General)
Koilman, P. H.
McKean, John M. (Sewer, etc.)
Meyers, C. F. (Sewer)
O'Donnell, A. G.

SILVERTON—Brown, J. W. (Public Work)
Hutchinson, C. M. (Street, etc.)

SMITHFIELD—Carnes, J. D. (Sewer & Public)

SPRINGFIELD—Berger & Nulty (General), 1022 Lagonda av
Payne, Wm. F., 352 N Limestone
Russell Bros. (Paving, etc.), 369 W Jefferson
Ryan, Edw. (Paving & Public), 101 Clifton
Ulrick & Williams (Sewer, Paving & Public), 141 S Limestone
Wallingsford, W. E., 235 S Center

STEUBENVILLE—Castner Bros. (Sewer & Public)

TIFFIN—Gahries, J. L.
King, John E. (Street)
Schauder, L. (Sewer)
Stewart, George

TOLEDO—Bick, Jacob N. (R. R. & Public), The Nasby
Bodette & Tansey (Paving & Public)
Bower, Henry J. (Sewer, etc.), 105 Western av
Breymann, G. H. & Bro. (Dredging & Harbor), Marine bldg
Bright, Wm. W. (General), 213 W Bancroft
Burchinal, C. H. (Paving & Public)
Carland & Warner (Paving & Public), The Valentine
Degnan, John (Sewer & Paving), 636 Avondale av
Degnan, P. & T. (Dredging & Harbor), 417 Water
Garrigan Bros. (Paving & General), Valentine bldg
Goulden, M. M. (Sewer & Paving), 619 Monroe
Holtz, J. H. (Sewer & Paving), 919 Blum
Hopp, Fred H. (Excavating, etc.), 724 Wash. av
Horan, J. H. & Co. (Paving, etc.), The Valentine
Jennison, H. G. (Paving & Public)
Johnson Bros. (General), 1579 Catawba av
Kelley, Thos. (Sewer), 638 W Lafayette
Kelly, Mich'l J. (Sewer, etc.), 626 W Lafayette
Kelly, Patrick (Masonry, etc.), 635 Avondale av
Kerlin Bros. Co. (Paving & General), 416 Nasby bldg
Leith, Jno. (Paving & Sewer), 2055 Vermont av
McGreevy, Thos. (Excavating), 613 W Lafayette
McIntyre, Jno. (Oil Producer), 344 Irving
McKinney, C. W. (Paving & Public)
McKinney, Jas. T. (Paving & Public), 2208 Monroe
McKinney, Thos. & Son (Paving), The Nasby
McMahon, W. & Sons (Paving & Public), 321 Floyd
Maher, Andrew (Paving & Sewer), 552 Interior
Mattimore, Bernard (Paving & Sewer), 420 Indiana av
O'Neill, J. B. (Sewer, etc.)

O'Sullivan, Markham V. (Excavating & Grading), 572 Woodvile, E S
Pratt, Randall B. (General), The Nasby
Rabbitt, Michael & Sons Co. (General), The Nasby
Riley, Arthur (Sewer, etc.), 1510 Detroit av
Rooney, Wm. E. (Dredging & Harbor), 453 Missouri
Sawyer, C. H., Cham. of Com. bldg
Schillinger Bros. Co. (Asphalt & Concrete Pavements), 412 City Park av
Schultz, Chas. (Sewer & Paving), 723 Tecumseh
Shea, Michael (Sewer & Paving), 520 E Woodruff av
Streicher, John (Street & Public Work), 718 Michigan
Tansey, Patrick (Sewers)
Welever, Geo. D. & Son (Excavating & Grading), 433 Del av
TORONTO—†Toronto Contracting Co. (Sewers)
TROY—Hays Construction Co. (Bridge, Masonry, etc.)
VAN WERT—Ireland, C. L.
WARREN—McCracken, Jas. (Paving & Sewer)
McGlashin, Jas. (Sewer & Paving)
WARSAW—Kissner, J. N. (Sewer & Public)
WILMINGTON—Fisher Mfg. & Fuel Co. (Public Work)
WOOSTER—Landers Bros. (Street, etc.)
YOUNGSTOWN—Davis & Caldwell (Public Work), 19 N Phelps
De Groot, C. R. (Sewer & Public), 809 Himrod
McCarron, J. P. (Sewer, etc.)
Miller, H. A. (Excavating, etc.), 1431 Oak
Mauser, Christ (Masonry, etc.)
Rockford & Comisky (Sewer, etc.)
Thornton, C. (Excavating, etc.), W S Wick av, ext
Vetter, Geo. J. (Sewer & Public)
Youngstown Sprinkling Co. (Street Sprinkling, etc.)
ZANESVILLE—Adams Bros. (Paving, Sewer & Masonry), Muskegan av
Albele, Henry (Excavating), 172 Amelia
Avres Asphalt Paving Co. (Paving), Market blk
Hyser, J. W. (Sewer & Public)
Swingle, J. A. & Co. (Heavy Masonry, etc.), 409 Moxahala
Townsend, Frank M. (R. R. & Masonry), 227 Market
Townsend, T. B. Brick & Contracting Co. (Paving, etc.), 195 Market
Tracy, E. J. (Sewer, Paving, etc.), Clay City Hotel
Vogt, W. C. (Bridge Masonry), 9 Wash'n

OKLAHOMA TER.

EDMOND—Sheppard, Frank
ELRENS—Kane, M. J.
FILSON—Helphrey, C. E. (R. R.)
NEW PONCA—St. Clair & Short
NORMAN—McCoy & Bethune
OKLAHOMA—Block & Laird (General), 109 N B'way
Johnson Bros. & Faught, 200 Grand av

OREGON.

ASHLAND—Willitts, B. R.
EMPIRE CITY—Button, Wm. H. (Public Work)
PORTLAND—Aspland, Frank (Grading), 748 Savier
Banfield-Veysey Fuel Co., 80 3rd
Bentley Construction Co. (Mason & Substructure), 5 1st N
Blagen, N. J. (Bridge & R. R.), Concord bldg
Bridges, J. B. (General), 489 Columbia
Burke, Jno. (Grading), 334 Salmon
Cavanagh, Wm., 194 E 8th
Clopton, L. W. (General), 288 E 8th
Columbia Bridge Co. (Bridge & Public), Chamber of Commerce bldg
Cook, C. J., 35 5th N
Day, J. G. & I. N. (General), Oregonian bldg
Donaldson, G. W. (Grading, etc.), 427 Weidler
Dryden, J. P. (Grading, etc.), E 27th, nr Tillamook
Fritsche, Jos. (General), 349 Ankenny
Giebisch & Joplin (Grading, etc.), 1 E 30th
Hansen, W. J., 431 Belmont
Heckinger, I. A. (Grading), 244 E 39th
Hinkle, Perry (General), 200 16th. N
Janin, Louis A. (Grading, etc.), 1016 Maryland av
Keenan, A. D. (Grading, etc.), 721 E Ash
Lind, Wm. (Grading, etc.), 416 Brazee
Manning, J. M. (Grading, etc.), 491 Flint
McElvain, Jno. S. (Grading, etc.), 1142 E Main
Mercer, Geo. (Grading, etc.), 35 E 27th
Miller & Bauer, Selwood st
Morrison, H. J., 551 Glisan
Nelson, J. W. (Grading), 109 E 35th
O'Neil, Jno. R., Commercial bldg
Pacific Bridge Co. (Bridges & General Public Work), 263 Yamhill
Paquet, Joseph (General), 112 E 12th
Partridge, J. D., 209 Columbia
Portlandt Bridge & Building Co. (General), Worcester blk
Reilly, Jas. (Grading), 689 Johnson
Rivears, Chas. (Grading), 208 10th N
Shipley & Co., 300 E Yamhill
Slemmons, J. B. (Sewer, etc.), 468 7th
Smith, B. F., 1578 Milwaukee
Smyth & Howard Co. (Street & Public), Chamber of Commerce
Sweeney, Jno. W., 292 Burnside
Wakefield & Jacobson (Public Work & Masonry), 657 Worcester blk
Wolfe, O. D. (Grading), 56 Penn
SALEM—Gray, Chas. A. (Public Work)
Pugh, Walter D. (Public Work)
SILVERTON—Fish, D. M.
Starrett, S. B.
TILLAMOOK—Nolan, G. O. (Public Work)

PENNSYLVANIA.

ALLEGHENY—Alston, A. & Son (Grading), Pa. & Grant avs
Atlas Construction Co. (Paving), 424 Federal
Biddle, Geo. (General), Park Way, E
Bothwell & Carson (Grading), 1514 Franklin
Bruggeman, John F. (Est. of) (General), 502 Avery
Cochran & Davis (General), 104 Erie, W. A.
Drake & Stratton Co. (General), Farmers' B'k bldg
Frederick Bros. (Grading), 1914 Beaver av
Heisch, Jno. (General), 1254 Franklin
Hosenfeld, Anton (General), 855 Vista
Houghton, J. J. (Grading), 1744 Fremont
Huckenstein, J. H., 37 Fairmount
Kinnear, Geo. (General), Watson boul & Perryville av
Kunze, H. A. (General), 605 Sandusky
McKee, Chas. C. (General), Bailey, nr Calif av
Mackintosh, Geo. P. & Co. (General), 807 Penn av
Oliphant & Martin, 20 Lacock, E. A.
Omslaer, James (General), Lewis blk
O'Neill, Henry (Paving), 1226 Irwin av
ALLENTOWN—Allentown Paving & Construction Co. (Macadam Roads, etc.)
Crilly, Hugh E. (Public Work, etc.), 443 N 2nd
Edwards, C. H. & Co. (Builders, etc.), B. & B. bldg
Erich, Henry K. (Curbing & Flagging), 17th & Liberty
Evans, Seagraves & Co. (Water Main & Plumbing)
Martz, J. F. (Builder, etc.), B. & B. bldg
Nagle, Jas. & Son (Builders, Sewer & Paving), 210 Chew
Ochs, Milton T. J. (Building & General), 227 N 5th
Schweyer, F. C. H. (Street Work), 436 Turner
Snyder, Jos. P. (Excavating & Cellar), 222 N 12th
Stephens, Monroe H. (Street Work), 214 N 10th
Whitney, Emery S. (R. R. & Public), 224 N 4th
Yingling, H. B. & Son (Flagging & Curbing), 822 Hamilton
ALTOONA—Bender, Isaac (Sewer, etc.), 32 Wash'n av
Elway, Henry (Street & Public), 2507 7th av
Kelly, Bernard (Sewer, etc.), 517 7th av
Martin, Thos. T. (R. R. & Public), 409 2d av
O'Keson, H. H. (Paving, etc.), 911 19th
O'Rorke, D. F. (Sewer, R. R., etc.), 2000 Union
Smith, Matthew H. (R. R. & Public), 2119 8th av
Stahl, Wm. E. (R. R. & Public), 1109 6th av
Vipond, John (Sewer & Public)
ASHLAND—Kiehl, C. M.
BANGOR—Miller, John C. & Co. (Street)
BEAVER—Duff Bros.
BEAVER FALLS—Beaver Falls Paving Co. (Paving, etc.)
Chandler Bros. Co. (Public Work)
Gould, Jno. (Excavating, etc.), 817 16th
Harrold, Simon (Paving & R. R.)
Jolly & Harrold (Public Work)
White, S. P. (Marine & Public)
BRADDOCK—McCrady & Rosser (Paving, Sewer & Excavating)
Stockdale Supply Co. (Paving, Sewer & Excavating)
Union Coal & Supply Co. (Paving, Sewer & Excavating)
BRADFORD—Carr, James (Public Work)
McComb, A. G. (Dams, Water Works, R. R., etc.)
McGahan, Pat'k (Public Work)
Sheehan, Jno. (Paving, etc.)
BRISTOL—Banister, James (Street)
Vandegrift, Thomas (Street)
Wright, John S. (Street)
BUTLER—Schaffner, Jno. (Sewer, Paving & Public)
Schaffner Construction Co. (Waterworks & Public)
CARBONDALE—Blair & Kennedy
Collins & Kennedy.
CARNAGIE—Gamble, S. (Sewer & Public)
Roberts, W. H. (Sewer & Public)
CATASAUQUA—Emanuel, David L. (Public Work)
CHESTER—Dickerson Construction & Paving Co.
Hanna, Jno. & Sons (Public Work)
Helms, J. Bartram (Public Work)
Honan, Mich'l & Son (Public Work)
O'Rourke, Jno. (Street)
Reilly, Mich'l (Public Work)
CLEARFIELD—Hughes, W. B. (Paving & Road)
COATESVILLE—Entrekin, J. M.
Grace, George W.
Thompson, W. A. P.
CORRY—Love, E. & E. (Bridge, etc.)
CRAFTON—Crum, Eli (Sewer, etc.)
CURWENSVILLE — Curwensville Contracting Co. (Paving & Public)
DARBY—Thurston, Oscar
EASTON—Coleman, L. J.
Heil, Sam'l G. W.
Hughes, Jno. H.
Hunt, Dan'l.
Kressler, W. J.
McCormick, Patrick
McCormick, Thos.
McGrath, M. P.
McPherson, Frank
Messinger, F. M.
Miles, Jas. E. (Paving & Public)
Monahan, Peter
Pascoe, Joseph
Skillman, J. B.
Smith, Jas.
Smith-McCormick Co. (Water Works)
Stewart, Dudley
Young, J. McKeen Co.
ELWOOD CITY—Menelce & Cunningham
EMAUS—Figley, George (Excavating)
ERIE—Constable Bros. & Co., cor 5th & Sassafras
Driscoll, Edward (Sewer, Paving, etc.), 219 French
Kraft & Walther (Paving, etc.)
McCormack, Jno. & Sons (Paving & Public), 645 W 10th
McCormick, Michael (Paving, etc.), 717 W 11th
Mayer Bros. (Paving & Road), 1213 State
Shenk, Henry Co. (Builders & Gen'l Contractors)
FINLAYVILLE—Jones Bros. & Co.
FRANKLIN—Fredericks, J. A. (Road, etc.)
McVey, D. I. (Street, etc.)
Sutley, Frank (Street, etc.)
GREENBURGH—Bennett & Talbott (Railroad & Public)
Good, Geo. W. & Co. (Street & Paving)
Stark Bros.
HANOVER—Davidson, McClellan
HARRISBURG—Flanagan, Matthew (Sewer & Public)
Jennings, Wm. (R. R. & Public), 232 State
Sible, John S. (Excavating & Cellar), 3d e Cumberland
Ward & Stucker (Street Work & Sewer), 304 S 2d
HAZLETON—Boyle, P. F.
Crawford, Thomas E.
Crellin, Jno. W. (Masonry & Excavating)
Cuyle, N. J. & Bro.
Mandeville, I. O.
HOLLIDAYSBURG—Malone, H. P. & Co. (Public Work)
Vipond, J. S. (Paving & Public)

HOMESTEAD—Elliott, R. M. & Co. (Public Work)
Erbeck Bros. (Paving & Public)
Morgan, Thos. H.
Scott, J. F. & Co. (Sewer, Paving & Excavating)
INDIANA—Hastings, Jno. S. (Public Work)
JENKINTOWN—Satterthwalte, J.
KINGSTON—Brodhead, C. E. & Bro.
Coon, C. J. & B. J. (Public Work)
Donahoe, Jas. P. (Public Work, Tunnel, etc.)
LANCASTER—De Marra, Jno. J. (Paving etc.), 427 Rockland
Dickey, Jno. (Paving, etc.), 538 Lancaster av
Duffy, Jno. (R. R. & Public), 118 W. Strawberry
Eibel, Jos. A. (Paving, etc.), 711 E Orange
Fink, Jno. (Paving, etc.), 208 Vine
Fritchey, J. U. (Paving & Sewer), Manetta av n Rice av
Galbraith, Jefferson G. (Paving & Concreting), 411 Harrisburg av
Ganse, Henry M. (Excavating, etc.), 618 Lafayette
Goll, Jno. A. (R. R. & Bridge), 603 N Duke
Goll, Wm. H. (Bridge Masonry, etc.), 529 N Duke
Haines, Franklin A. (Paving, etc.), 22 Conestoga
Heidig, Jno. B. (Paving, etc.), 519 E Walnut
Hinden, Frank X. (Paving, Sewer, etc.), 261 College av
Hook, Jno. H. (Sewer & Public), 316 W James
Keller, Jno. (R. R. & Public), 156 N Queen
Keller & Hook (R. R. & Bridge), 154 N Queen
Kendig, Francis B. (Paving & Public), 548 Green
Kendig, Jno. B. (Street, etc.), 301 E Frederick
Kopf & Scherer (Bridge, Masonry, etc.), 460 High
McGovern, Richard P. (R. R. & Public), McGovern av cor Duke
McGrann, Richard J. (R. R. & Public), 110 N Prince
McMellen, Elias (Bridge, Masonry & Builder), Exchange Hotel
Malone, Bernard F. (R. R. & Public), 437 W Orange
Malone, Richard A. (R. R. & Public), 255 W King
Miller, Henry P. (Excavating, etc.), 537 E Marion
Nein, Dan'l D. (Street Sprinkling), 738 E Chestnut
Oster, Wm. M. (Paving, etc.), 324 N Prince
Reilly, Michael (R. R. & Public), 453 N Queen
Rohrer, Grant (R. R. & Public), 336 N Duke
Rote, A. B. & Co. (Public & Iron Work), 115 E Chestnut
Schweers, August F. (Sewer, etc.), 708 Love lane
Schweers, Herman (Sewer, etc.), 540 S Duke
Shaub, Henry (Excavating, etc.), 543 E Chestnut
Stauffer, Chas. F. (Sewer & Public), 34 W Chestnut
Steinwandel, Augustus (Paving, etc.), 438 Chestnut
LANSDOWNE—Shoemaker & Mulloy (Public Work)
LANSFORD—Reide, Herman (Masonry & Public)
LANSPORT—Reide, Herman (Masonry & Public)
LATROBE—Hermann, Jno. (Street, etc.)
Pottinger, James (Street, etc.)
Pottinger, Thomas (Street, etc.)
Smith, D. W. (Public)
LEBANON—Miller, Sam'l M. (Street)
LOCK HAVEN—Goode, Geo. S. & Co. (Public Work)
McNaul, E. (Bridge)
Miller, D. L. & Co. (Public Work)
Thomas, A. M. (Waterworks, etc.)
LUZERNE—Pemberton, James W.
M'KEESPORT—Armour, Hugh W.
Bowman Bros. (Paving, Street, etc.)
Stratton, Jos. (Sewer)
Weir, Robert (Sewer & Public)
Wertenbach, John H.
M'KEE'S ROCKS—Hunter, R. F.
MAHANOY CITY—Smith & Campion (Street & Road)
MANSFIELD—Bently, E. N. (Street)
Curtis, Reuben
MEADVILLE—McGuigan, Thos. (Sewer & Public)
Robinson, Fred'k & Co. (Sewer, Paving & Excavating)
MILLERSTOWN—Douglas Bros. (Public Work)
MYERSTOWN—Haak, I. B. (Street)
Lehman, Henry (Street)
Loose, C. & Son (Building & Street)
NAZARETH—Dolan, Jno. F. (Macadam Roads)
NEW BETHLEHEM—Thomas, George R.
NEW BRIGHTON—Coates, Chas. J. (Paving & Public)
Funckhouser & Coates (Paving, Sewer & R. R.)
Kelley, J. Wallace (Sewer, etc.)
NEW CASTLE—Carpenter, Jas. A. (Mason & Excavating)
Chambers, Wm. H. (Street, etc.)
McMillin & Moorehead (Sewer & Paving)
Marshall, Wm. E. (Sewer, etc.)
Mayberry & McCafferty (Sewer & Public)
Mitchell, Saml (Sewer & Paving)
Mitchell, Wm. H. (Sewer & Paving)
NORRISTOWN—Dyer, Jno. T. (R. R. & Public Works)
Skelly, John (Roads & Public)
OIL CITY—Ready, David
Smedley, Frank (Street, etc.)
PHILADELPHIA—American Amusement & Construction Co., Land Title bldg
American Pipe Mfg. Co. (Water Works), 114 N Broad
Appleton & Burrell, 1204 Chancellor
Artwinski, Kervey & Webster, Hale bldg
Armstrong & Latta (Dock, Harbor & Public), Land Title bldg
Atkinson, John (Excavating, etc.), Builders' Ex.
Bader, Daniel, 5013 Woodland av
Bareford, Samuel A. Jr., Drexel bldg
Bateman-Smoot Co., Mutual Life bldg
Beacon Construction Co. (Ltd.), Real Est. Trust Co. bldg
Bender, Henry F., Betz bldg
Bennis, Richard P. (Paving, etc.), Cbew & Price
Berkelbach, Wm. H., Betz bldg
Berner, J. W. & Co., 225 S Sydenbam
Bolton & Sons, 426 N 64th
Boorse, David O., 1625 Thompson
Borden, John & Bro., 637 N 19th
Bowers Bros. & Co., Real Est. Trust Co. bldg
Bolton & Sons, 426 N 64th
Brand John, Richmond bldg
Brendlinger, P. F., Arcade bldg
Brocklehurst, Harry, 514 Norrls
Brubaker, Geo. S. W., 702 Witherspoon bldg
Byers & Clarkson, 806 Walnut
California & Texas Railway Construction Co., 26 S 15th
Carl Contracting Co. (R. R. Stone, Masonery & Excavating), Penna. bldg
Carter, Jno. A., Penn Sq. bldg
Cather, John, 1421 Sellers, Fkd.
Ceglia, Raffaele & Co., 915 S 10th
Champion Construction Co., Drexel bldg
Clement, F. H. & Co. (R. R., etc.), Land Title bldg
Cluck & Walker, 144 Herman, Gtn.
Colonial Construction Co., Harrison bldg
Connell, Thos. H., Fidelity Mutual Life bldg
Connor, T. & W., 3333 N 5th
Cornell, John S. & Son, Land Title bldg
Craig, Charles (Excavating, etc.), 2632 Columbia av
Cramp & Co. (Builders, etc.), 1421 Filbert
Creiger, John A., 8806 Walnut
Crossan, Kennedy, Land Title bldg
Cunningham, Thos. (Paving & Public), 1211 Wharton
Cunningbam & Murray, German-American bldg
Dailey, J. L., Betz bldg
Delaware River & Atlantic Construction Co., Penn. bldg
Dorney & Sons, 1219 E Berks
Dorsey & Smith, 111 N 7th
Douglas, Jos. M. & Co., 1430 S Penn sq
DOYLE & DOAK (Large Buildings of al kinds), 1509 Sansom. See adv. index, end of book)
Drake, Frank S., Real Est. Trust Co. bldg
Drake & Stratton Co. (R. R. & Large Public Work), West End Trust bldg
Duddy, Geo., 832 N 44th
Du Page Construction Co., Witherspoon bldg
Durkin, Patk. F. (Paving), 2950 N 7th
Eastern Contracting & Construction Co., Rothschild bldg
English, Frank G., 1625 Thompson
Eyre Construction Co., Arcade bldg
Faries, Jas. H., 712 S Marvine
Farquahar, Alex., N Cleveland, n Limekiln pk, B'Town
Ferguson, Frank, Betz bldg
Ferguson, Wm. H., 341 N 57th
Foley, Peter J., 2618 N 6th
Foley & Co., Heed bldg
Fonder, Edwd F., Land Title bldg
Fraim, Jno. B., Real Est. Trust Co. bldg
Franklin Construction Co., Lippincott bldg
Fuller, Geo. A. Co., No. American bldg
Gandy, Geo. S. (R. R. and Public), 572 Bullitt bldg
General Contracting Co., Heed bldg
Giles, McMichael & Co., 2929 Ellsworth
Gill, Jno. N., Heed bldg
Gilpin, Charles, Penna. bldg
Girard Contracting & Developing Co. (Builders, Paving, etc.), Hale bldg
Glenn, Geo. A. & Co., 930 N 8th
Goll, John & Co. (Street & Public), 1539 Filbert
Graham & Morrison, Lippincott bldg
Graham, Michael & Co., 132 N Sheridan
Granger, A. D. Co., Stephen Girard bldg
Grim, J. L. (Public Work), Girard bldg
Haines, Miller J., 526 N 37th
Haldeman Construction Co., 619 Arch
Harmer & Quinn, Fidelity Mutual Life bldg
Harris & Algor, 20 N 7th
Harris, Franklin M. &Co., 1820 Wylie
Healey & Co., Drexel bldg
Henderson & Bro., S 25th, below Spruce
HENDERSON & CO., Ltd. (Builders, etc.), 1221 Arch
Herbert, H. M. & Co., Fidelity Mutual Life bldg
Herrick, Jas. A., Mutual Life bldg
Hinkle, J. H. & Co., 219 Cambria
Hoffman Engineering & Contracting Co. (Bridge & Public), Penna. bldg
Hogan, Michael J., Real Est. Trust Co. bldg
Holt, Henry, 227 S 24th
Hoover, F. L. & Sons (Inc.), 631 Chestnut
Houston Construction Co. (Bridges, Piers, Pneumatic Caisson & Submarine), 715 Girard bldg
Hubbard, I. W. Co., Lippincott bldg
Hyzer, Wm. C., 1230 Marlborough
Indestructible Road Bed Co., Land Title bldg
Interstate Construction Co., Land Title bldg
Ireland, Wm. H., 1218 Filbert
Johnson & Co., 1214 Federal
Jones, Jeremiah C., Heed bldg
Karrash, Harry, Edgemont bldg
Keenan, D. Frank, Arcade bldg
Kent & Cheyney, 1215 Filbert
Kerbaugh, Henry S., (Inc.) (R. R., etc.), Arcade bldg
Kilcoyne, Michael, 8832 Frankford av
Kirkpatrick Bros., Wash'n & S 23d
Klinck, Wm. Co., Heed bldg
Knoll, Geo. W., 2647 Amber
Kohl, John W., Arcade bldg
Kolb Bros., 1315 Warnock
Kramer's, John, Sons, 1314 N Front
Kriebel & Co., 826 Spring Garden
Ladley, Walter, Underhill nr E Haines, Gtn
Lafferty, Chas. H., 1312 Wash'n av
Lake Construction Co., Girard bldg
Land, Chas., Rothschild bldg
Latta & Terry Co., Drexel bldg
Lauer, A. N. & Co., Pier 36, S Del av
Laurel Traction Co., 532 Phila. Bourse
Levering & Garrigues Co., 3302 Ludlow
Lind, Aug., 428 Callowhill
Lindsay, W. W. & Co., Harrison bldg
Little, Thos. & Son, 1222 Clover
Lotz, F. C. & Son, 2023 E Huntingdon
Loucbheim, J. H. & Co. (Paving & Sewer), Mint Arcade bldg
McCarty, A. F. & Co., Heed bldg
McCormick & Co., Rothschild bldg
McDougal & Co., 400 Chestnut
McGaw & Gray (Masonry, Grading, Bridges, etc.), Penna. bldg
McHugb, M. & J. B. (Street & Public), 4500 Wyalusing
McKinley, Joseph, 3335 N 5th
McLean, Wm. & Co., Harrison bldg
McMahon, David (Street), 7 E Chelton av
McManus, M. Construction Co., 414 Wood
McMenamin & Sims, Arcade bldg
McMenamy, John, Harrison bldg
McMullen & McDermott, Real Est. Trust Co. bldg
McNicbol, Patrick & Sons (Public Work), 1316 Race
McNichol, Danl. J. (Public Work), 704 Betz bldg
MacAfee Co. (Inc.), Harrison bldg
Magee's, William, Sons, 7121 Gray's av
Manhattan General Construction Co., Land Title bldg
Mann & Grey, Mutual Life bldg
Melody & Keating, 2118 Diamond
Michaelsen, F. C., Land Title bldg

DOYLE & DOAK,

Contractors, Builders and Carpenters,

1509 SANSOM ST., PHILADELPHIA, PA.



THE FOLLOWING ARE SOME OF THE PROMINENT BUILDINGS ERECTED BY US:

North American Building, Philadelphia, Pa.
Westinghouse Building, Pittsburgh, Pa.
Gimbel Bros.' Stores, Philadelphia, Pa.
Girard National Bank Building, Philadelphia, Pa.
Freeman Building, Philadelphia, Pa.
Real Estate Trust Building, Philadelphia, Pa.
Stephen Girard Building, Philadelphia, Pa.
Hallowell Building, Philadelphia, Pa.
Leamy Home, Mt. Airy, Pa.
So. Penn Square Building, Philadelphia, Pa.
Commonwealth Title Insurance and Trust Building, Philadelphia, Pa.
Real Estate Title Insurance and Trust Building, Philadelphia, Pa.
State Library and Executive Building, Harrisburg, Pa.
Infirmary Building, Girard College, Philadelphia, Pa.
Children's Homeopathic Hospital, Philadelphia, Pa.
Memorial Hall for the Jacob Tome Inst., Port Deposit, Md.
Jefferson Medical College, Philadelphia, Pa.
First Baptist Church of Philadelphia.



CAMDEN COUNTY'S NEW COURT HOUSE.

HENDERSON & COMPANY, LIMITED, CONTRACTORS.

1221 ARCH STREET, PHILADELPHIA, PENNA.

ARCHITECTS,
RANKIN, KELLOGG & CRANE.

Millard & McGraw Construction Co., Arcade bldg
Mitchell, W. R. & Co., Betz bldg
Mullen, Jas. A. (Masonry & Grading), 5512 Vine
Murphy, Harry F. & Co., 25 N 7th
Myers, Jacob & Sons, Witherspoon bldg
Newhall & Co., West End Trust Co. bldg
New York Contracting Co. (Masonry, Excavating, etc.), 1306 Callowhill
O'Connor, Martin, 4912 N Broad
O'Donnell, Jas. J. & Bro., 3437 York rd
O'Rourke, Michael (Public Work), 2838 Fkd av
Ormston & Seary, 2601 Brown
Penn Wrecking Co., 227 S 9th
Pennock, J. E. & A. L. (Builders, etc.), Land Title bldg
Pennsylvania Construction Co., 400 Chestnut
Peoples Bros. (Cellar), Callowhill & 25th
Pepper & Regester, Fidelity Mutual Life bldg
Peterson, R. W. & Co. (Street & Public), Land Title bldg
Pharaoh, Jesse R., Builders' Ex.
Phila. Contracting Co., Land Title bldg
Pinkerton Construction Co. (R. R. Masonry, etc.), Land Title bldg
Pioneer Sewer Co., Drexel bldg
Porter, Chas. A., 804 Girard bldg
Preston, H. M. & Co., Marine & Merchant bldg
Prettyman, Charles B., Land Title bldg
Quigg, Wm. H. (Paving & Public), 603 Fidelity bldg
Raff, A. Raymond (Builder, etc.), 1635 Thompson
Railroad Construction Co., Land Title bldg
Ransome Construction Co., Harrison bldg
Regan, T. H. (Street, R. R., etc.), 752 S 12th
Reilly, Thos., 1616 Thompson
Reilly, Thos. F., Harrison bldg
Reilly & Webber, Harrison bldg
Reiter Curtis & Hill (Sewer, Paving & Public), Arcade bldg
Reynolds & Colwell, 5622 Gtn av
Riggs, Frank S., 608 Chestnut
Risner, Jos. E. & Co., 23 N Juniper
Rowe, Geo. (Public Work), 731 S Broad
Roydhouse, Arey & Co. (Building & Heavy Masonry), Fidelity Mutual Life bldg
Ruch, Geo. W. & Co. (Paving & Excavating), 2851 N Hutchinson
Ryan & Kelley (Public & Municipal), Penna. bldg
Schade & Marshall, Harrison bldg
Scurci, Frank & Son, 902 S 9th
Shanley, B. M. & J. F. Co. (R. R. & Public), 14 S Broad
Sims, Chas. A. & Co. (Railroad, Water Work, etc., & Public Work), Harrison bldg
Smith Construction Co. (R. R. Work, etc.), Penna. bldg
Smith, E. E. Contracting Co. R. R. & Public), Arcade bldg
Smith, Elwood M., 1015 N Marshall
Smith, Peter E., 2019 Master
Snyder & Co., Harrison bldg
Sofian & Horowitz, 101 N 2d
Southern Engineering & Construction Co., West End Trust bldg
Sparks & Evans (Bridge & Public), Rothschild bldg
Sperry, D. W., 1305 Arch
State Construction Co. (Gas & Water Works Construction), Land Title bldg
Stewart, Chas. &Co., 616 Race
Still, Wm. H. & Bro., 8503 Gtn av, C. Hill
Stone, Walter D.(Public Work), 410 Rothschild bldg
Strang & Forsythe, Betz bldg
Strulb, Theo. B., Land Title bldg
Sullivan Bros., Arcade bldg
Summers, T. P. & Son, 2037 S Broad
Tennis Construction Co., Stephen Girard bldg
Thompson-Starrett Co. (Building Construction), Penna. bldg
Tull, Chas. E. & Co., Real Est. Trust Co. bldg
Union Contract Co., Witherspoon bldg
United Contractor Corporation, Harrison bldg
Vandegrift Construction Co. (Excavating, Grading, etc.), 311 Drexel bldg
Vare Bros., 700 Betz bldg
Vogt & Golden, 2210 Cambria
Walsh, Richard (Sewer & Public Work), 5922 State rd, Wissino.
Warren Bros. Co., Harrison bldg
Warren, Harry R., 1320 N Carlisle
Wells Bros. Co. (Builders & Gen'l Cont's), Stephen Girard bldg
Wells Realty & Construtcion Co., 1420 Chestnut
Welsh & Soest, Crozer bldg
Wharton, Wm., Jr. & Co. (Street, R. R.), 25th & Washington av
Whitehead, A., 1940 De Lancey
Whiteside, Rush J. & Sons, 2115 Wallace
Wiggins, Jno. R. & Co., 721 Heed bldg
Wilson, John & Son, 2519 Lombard
Young, Robert Co. (Inc.), 313 Walnut

PITTSBURG—Ably & Wolf (General), Berlin & P. R. R.
Accetta, Cono (General), 314 Carver
Baker Contract Co. (General), Farmers' B'k bldg
Baughman Wm. H.
Bole, Geo. M. Construction Co. (Ltd.) (General), Publication bldg
Booth & Reichard (General), 264 Franks-town av
Booth & Flynn (Paving), 1942 Forbes
Bollinger, G. L. Construction Co., Empire bldg
Bollinger Bros. (General), 133 1st av
Browning Bros., 31 Strawberry av
Buente, Martin & Co. (General), Duquesne Way & 10th
Calhoun & Miller (General), 4213 Sherman
Coda, Grady (Masonry, etc.), Penn. bldg
Columbia Contracting Co. (Masonry), Frick bldg
Commercial Building Co. (General), 345 4th av
Corcoran, Jas. G. Co. (Public), House bldg
Crescent Contracting & Construction Co. (General), 424 5th av
Cronin, Thos. Co. (Paving & Sewer), 227 S 17ht
Curtin, Jno. L., 202 Braddock av
Cuthbert Bros. (Furnace Builders, Brick Masons, etc.), Empire bldg
Drake & Stratton Co. (R. R. & Large Public Work), Farmers' B'k bldg
Dravo Contracting Co. (Public Work), S 22d & Lake
Driver, Chas. M. (Sewer & Masonry), Penn. bldg
Duquesne Construction Co. (General), Bessemer bldg
Earhart Bros., 238 4th av
Eastern Construction Co. (General), Smith blk
Egan, Chas. (Excavating, etc.), 1126 Viceroy
Egan, Thomas J. (Grading), 721 Bluff
Eichenlaub & Madden (General), 105 Shady av
Enterprise Contracting Co. (Masonry, Tressles, etc.), Bessemer bldg
Fair, D. M. & Son (General), 6101 Penn av
Felkel, F. & Son Co. (General), House bldg
Ferguson Contratcting Co., Virginia av & Kearsarge
Filbert Paving Co., Ferguson blk
Fishburn, W. C. (Sewer & Public Work), 5020 Liberty av
Foley, Patrick Co. (General), 12 Wabash
Fuller, Geo. A. Co., Farmers' B'k bldg
Goble, B. G. (General), House bldg
Goelz, F. X. & Son (General), 1818 Bedford av
Gordon, Spencer (Grading), 2427 Wadsworth av
Groah, B. A. & Co. (General), 409 Market
Gillespie, T. A. Co., Westinghouse bldg
Hamilton, D. C. & Son (General), 618 Grant
Howley, ... F. & Co. (General), St. Nicholas bldg
Howley, Wm. E. (General), Bijou bldg
International Construction Co. (Sewer, Paving & General Public Work), Bessemer bldg
Jones, Evan (General), Park bldg
Jones, George (Grading), 2163 Bedford av
Jutte & Foley Co. (Dock, R. R. & Public), Conestoga bldg
Keeling & Ridge Co. (Paving, etc.), 2031 Sidney
Kerbaugh, H. S. (Inc.), Frick bldg
Kerr's, Wm. Sons (Large Builders), Lewis blk
Kindlin, Jas., 1812 Enoch
Krantz & McCoy (General), Red & Soho
Kress-Hanlon Co. (General), 4779 Liberty av
Kreusler, H. L. (General) 3301-9 Penn av
Kuhns, A. J. Co. (General), 409 Market
Lee & Casey (Paving), 4219 Sherman
Lucius Construction Co., House bldg
McCain Construction Co., Smith blk
McClaren, J. H. Co., Farmers' B'k bldg
McGavern & Lytle, 311 2d av
McKnight, Alex. (General), 4507 Forbes
McNally, Thos. Co. (R. R., Masonry, Paving, Sewer, etc.), Bates & 2d av
McSpadden, J. C. (Public Work), 326 4th av
Masi Bros. & Somma Co. (Grading), 4735 Liberty av
Miller, Wiliam & Sons Co. (General), Frick bldg
Minsinger Co. (General), 562 2d av
Moran-Phelan Contracting Co. (General), Ferguson blk
O'Herron, M. & Co. (General), 1st & McKean
Ott Bros. (Sewer, Paving, Macadam, etc.), 414 Wash'n av
Patton & Gibson Co. (Masonry, Funeral & Steam Shovel Works), House bldg
Peabody & Filbert Co. (Paving, etc.), 5850 Centre av
Penna Development Co. (General), Arrott bldg
Pittsburg Construction Co. (General), Bissell blk
Price, Wm. W., Ferguson blk
Rhodes, King & Co. (General), 278 Franks-town av
Sawders, F. (Grading), 109 44th
Shenk, Henry Ca. (Builders, etc.), Lewis blk
Sheets, J. B. & Co. (Grading), 317 Louden
Standard Contracting Co., 6017 Penn av
STEWART, JAS. & CO. (Harbor, Marine & Heavy Buildings), Westinghouse bldg
Stratton, Lewis & Co. (Public Work), 327 1st av
Sweeney, Jno. J. (Paving & Sewer), 335 Main
Sweeney, Thos. & Co. (Sewer), 32d & P. R. R.
Tennis Bros. Co., Times bldg
Thompson-Sterrett Co. (Building Construction), Frick bldg
Twin City Construction Co., Lewis blk
Wadsworth Stone & Paving Co., Tradesmen's bldg
Waite, Wm. Sons (General), 2500 Jane
Wherry, Jas. & Co. (General), 857 North av
Wilkie, A. M. & Co., Lewis blk
Woollett, Thos. D. & Sons, 31 Wash'n av
Yeager, Fred'k A., Bessemer bldg

PITTSTON—Andrews, Geo. (Paving, etc.)
Muirhead, Jno. & Son (Prospecting for Minerals)
Tate & Haley (Paving, etc.)
PLYMOUTH—Hershberger, Jos. W. (Sewers)
PORT ALLEGHENY—Smith, Wm. E. (Engineer & Contractor)
POTTSTOWN—Willauer, Wm. (R. R. & Public Work)
POTTSVILLE—Gaynor, Edward J., 507 Garfield sq
Grant, Lewis (Water & Public Work)
Griesbaum, Mathias (Masonry & Public)
Kerns, Thos. F. & Son
Kries, Leopold & Co. (Masonry & Public)
McAdams, Wm. (Masonry & Public)
Moyer, H. M., 100 S Central
Quinn, M. P. (Masonry & Public)
Rickert, King & Clement (Tunnel & Public)
Rickert & Otterbein (Masonry & Public)

READING—Ahrens, Howard E. & Bro. (Stone, etc.), 27 Reed
Corbett, J. H.
Hawman Bros. (Public Work), 313 Elm
Hawman, P. Frank (R. R. & Public), 56 S 7th
Mayer, Jacob (Stone, etc.), 132 Penn
Nolan, Jas. (R. R. & Public), 236 N 5th
Nolan, Wm. (R. R. & Public), 522 Walnut
Trump, H. (Excavating & Cellar), 336 Mulberry
Wagenblast, Engelbart (Paving), 622 Mulberry
Weand, Oliver M., 536 Elm

ROCHESTER—Brown & Coates (Paving, etc.)
Hayes, E. M. & Co. (Excavating & Paving etc.)
McLaughlin, P. (Street)
Park Paving Co.
ROSEMONT—Byrnes, Martin D. (Excavating, etc.)
ROXBOROUGH—Cooper, Thos. G., 453 Bolton
ROYERSFORD—Bisbing, Jno.
SCRANTON—Flanagan & O'Brien (Sewers), 1717 Luzerne
Hughes, Edwin G. & Co. (Excavating, etc.), 230 S Main av
Muldoon, Patrick (Stone & Street), 1226 Penn av
O'Hara, V. H. (Sewer & Public), 1306 Capouse av
Schroeder, Conrad (Builder), Connell bldg
Spruks Bros., 518 Alder
Williams, E. S. (Sewer & Public), Coal Exchange bldg
SHARON—McIntyre & Son (Sewer, etc.)
Rose, J. V. (Sewer, etc.)

SHARPSBURG—Murphy, Wm. J.
Yerkins, Chas. W.
SHENANDOAH—Britt, Wm. (Paving)
SPRING CITY—Jones, Jno. (Excavating)
SUNBURY—Keefer, Geo. W.
Keefer, Philip W.
TITUSVILLE—Kough, J. J. (Street, etc.)
McKay, John (Water Supply, etc.)
Wheaton, Jno. B.
TOWANDA—Whalen, Edw. (General)
TOWER CITY—Beslin & Long (Masonry & Public)
TURTLE CREEK—East Pittsburg Construction Co.
TYRONE—Lanners Bros. (Paving, etc.)
UNIONTOWN—Reagan, Patk.
WARREN—Lavery, Wm. R. (Road)
McLaughlin, Frank H.
Offerle & Smith, 8 Wood
WASHINGTON—Hallam, R. J. & Sons (Public Work)
Pickett, W. M.
WAYNE—Fallon, Christopher
Hogan, Thos.
Johnson, R. H. Co (Inc.)
WEST CHESTER—Corcoran, Patrick (Street, etc.)
Farrell, M. & T. E. (Public Work)
WILKESBARRE—Broadhead Contracting Co. (Public Work)
Davey & Washey (Mine, etc.), 110 E Market
Eckenrode, J. W., 69 S Hancock
Gibbons, Jas. E. (Sewer & Public), 764 Park av
Hendler, Fred. (Paving, etc.), 191 E South
Long, E. T. & Co., 26 N Fell
WILKINSBURG—Lytle Bros. (General), J24 Wood
WILLIAMSPORT—Bennett & Woodnut
Coryell Construction Co. (General)
Fisher, Chas. (Road & Public), Reynolds, above Central av
Stuempfle, A. & Co. (General), 332 Penn
Talley, Geo. W.
Young, Wm. F., 207 Mulberry
WIND GAP—Fitzgerald-Speer & Co. (Builders)
YORK—Dittenhafer, William

RHODE ISLAND.

EAST PROVIDENCE—McCormack, Jos. (Macadam Roads, etc.), 327 Taunton av
NEWPORT—Booth, Alex. (Government & Public)
OLNEYVILLE—McDonough, Patrick (Street)
PAWTUCKET—Kirk, R. H. & Son (Dams, Mills, etc.)
Wilmarth &Mackillon
PROVIDENCE—Anderson, Andrew M., 67 Algonquin
Baldwin, Jas. D., 67 Alverson av
Ballou, F. M. Co., 1323 Broad
Barney, O. C. & Son (Sewer Connections), 3 Custom House st
Bellini, James (General), 118 Spruce
Bigney, Eden H. (General), Oliver & Westminster
Bishop, J. W. Co. (Bldrs. & Public Work), Butler Ex
Chadsey, W. N. & Co. (Sewer, etc.), 3 Custom House st
Chapman, W. A. & Co. (Mills & Public), 49 Westminster
Crowe, Thos. A. & Co. (General), 7 Ward
Dailey, J. A. & Son (Bridge, Masonry, Dock, Harbor, etc.), 387 Wickenden
Deary, Jno. (Sewer, etc.), 232 Dudley
Furlong, J. W. & Co. (General Builders), 46 Benevolent
Gammino, Frank (Sewer, etc.), 54 Sutton
Gilbane, Wm. & Bro. (Large Builders), 96 Harris av
Hartwell, Williams & Kingston (Large Builders), 49 Westminster
Horton & Hemenway (Large Builders), 86 Weybosset
Houlihan, Michael J. (Large Builders), 29 Eagle
Hunter, A. & Co. (Dock, Bridge & Harbor), 72 Arcade
Lewis, Geo. F. (Sewer, etc.), 142 Waverly
Lyons, Timothy F. (Sewer, Waterworks, etc.), 299 Prairie av
McKinnon Pile Driving & Bridge Bldg. Co., Industrial Trust Co. bldg
Maguire & Penniman (General & Building), 48 Custom House st
Marsden, Thos. E. & Co. (General), 75 Westminster
NORCROSS BROS. CO. (Builders & Public Work) (See adv. index, end of book)
O'Neill, M. R. (General), 143 Dyer
Perry, T. A. (Sewer), 75 Westminster
Read, H. S. & Son (Sewer & Public), 75 Westminster
Shaw, Fred'k E. (Sewer & Public), 75 Westminster
Sherman, Wm. H. (Sewer, etc.), 389 Elmwood av
Stenden, Frank C. & Co. (Dock & Bridge), 139 Rhodes
Turgeon, E. (General), 16 Babcock
Watson's, M. L. Sons (Grading, etc.), 111 Burnett
WESTERLY—Cottrell, W. H. (Stone & Street)
Fayerweather, Chas. (Stone & Street)
Noka, John (Stone and Street)
O'Neil, Eugene (Stone & Street)

SOUTH CAROLINA.

CHARLESTON—Cordray, Louis E. (Public Work), 5 Hampden ct
Crouch, H. W. & Bro. (Public & Harbor), P. O. Box 303
Culliton, Patrick P. (General)
Kramer, B. F. (River, Harbor & Public), 60 Meeting
McCarrel & Sloan (General Contractors & Builders)
Sloan, Earle (Public Work), 15 Broad
Whitmer Construction Co.
COLUMBIA—Oliver, W. J.
Stewart Contracting Co. (Public Work)
LANGLEY—Oliver, W. J. & Co. (Large)
SPARTANBURG—Justice, L. A.
Tenney, Geo. O. (Large)
Willard, C. R. (Large)
YORKVILLE—Keeler, J. J. & Co.

SOUTH DAKOTA.

ABERDEEN—Hart & Kelly (Sewer & Public)
MILLBANK—Cleveland, William
RAPID CITY—Congdon Hardware Co. (Sewer & Public)
Holmes, Zack (Sewer & Public)
McMahon, H. J. (Sewer & Public)
Sweeney Hardware Co. (Sewer & Public)
SIOUX FALLS—McDonald, J. D.
Murphy, Isaac
STURGIS—Corlett, Thomas (Street)
Payne, George (Street)
WATERTOWN—Brickell Bros.
Hess & Rau (Sewer & Public)

TENNESSEE.

ARLINGTON—Stewart, C. W. (Street, etc.)
BARTLETT—Ellis, Jno. T. (Street, etc.)
Warner, F. J. (Street, etc.)
CHATTANOOGA—Bogenshott, Jno. (Bridge), 13 Montague blk
Chattanooga Roofing & Paving Co.
Clem, David W. & Co. (Factories, etc.), 203 W 8th
Converse Bridge Co., Highland Park
Guild & Co. (Engineers & Contractors)
Miller, A. L. (Stone & Excavating), 416 Houston
Neely & Smith (Bridge & R. R.), Read House
Southern Paving & Construction Co.
CLARKSVILLE—Conroy, John
Manning, William
COVINGTON—Fallin & Paine
KNOXVILLE—Chandler, G. P. (Paving, etc.)
Getaz, David & Co. (Building & R. R.)
MEMPHIS—Ahrens, W. T. (Builder & General), 212 Louisiana av
Arnold & Co. (Levee & Public), 260 Front
Bartl, Jos. (General & Building), 122 Exchange
Clausel, B. R., 370 2nd
Creson & Williamson, 41 Madison
Cubbins, Thos. Sons, 251 Vance
Eberhardt, Adolph (General & Building), 28 Robeson
Gettingby, A. W. (General & Building), 69 Avery
Glindkamp, G. W. (General & Builder), 123 Hernando
Haines & Emmons, 33 Madison
Haire, Wm. J. (Excavating), Builders' Ex.
Hodges & Chamberlin (General & Building), 55 E Court
Hunter & Frey (Government), 3 Monroe
Johnson & Fleming, 228 Front
Jorgensen & Co. (General & Building), 204 Madison
Koehler, Paul, 196 Main
Lewis, J. B., 210 S McLean av
Lindsey, L. T. (General & Building), Builders' Exchange
McBain, Geo. A. (Public Work), Waldron av nr Poplar boul
McGowan & Couillens (Sewer & Plumbers), 310 2d
McTighe, Jno. S. (Levee & Public Work), Fowler av nr Inclemore av
Memphis Building Co., 115 Jefferson
Morgan, R. H., 334 Osage av
Moselage, J. H. (General & Building), 3 Leath
Russell, V. C., 17 Madison
Silk & Chambers, Bldrs. Ex.
Thomas, D. D. & Son, 118 Mulberry
Wagner, C. J. (General & Building), Planters ins bldg
Williams, R. L. (General & Building), 732 Regent pl
Wright, W. G., 62 Adams
Young, Fred'k B. (General & Building), Builders' Exchange
NASHVILLE—Braiden, Alex. W. (General), 708 Fatherland
Fosler & Creighton (General), Berry blk
Green, Wm. R., 203 S Front
Gregg, N. B. (General), 91 Woodlawn
Hardison, R. C. (Paving, etc.), 128 S Front
Lesueur, Jno. E. (General), 907 Fatherland
Lewis, E. T. & Co. (Sewer, etc.), Demonbreuen nr S College
Nashville Paving & Roofing Co. (Paving), 811 Cherry
Pease, Thos. J. (Public Work), 813 Central av
Sinnott & Dyer (Engineers & Contractors), 441 N Cherry
Tabler, Jno. H. (Sewer, Paving, etc.), 1108 Shelby av
Tolmie, Alex. (Masonry, etc.), 1800 Broad

TEXAS.

BEAUMONT—Hyatt, F. A. & Co.
COLUMBIA—Underwood, J. C.
CUERO—Ward & Polmie (Public Work)
DALLAS—Bavouset, J. B. (Grading, etc.), cor 6th & Lake, O. C.
Beilharz, T. M. (Stone), Pacific av & N Hawkins
Brown & Dabney (General), 291 Main
Dallas Sprinkling Co. (Sprinkling), cor. N Austin & Pacific av
Faber, Maurice A. (General), 285 Leonard
Gorman, Owen J. (General), 1281 S Harwood
Hull, F. B. & W. S., 626 Elm
Jones Bros. (Teaming), Sante Fe Ry. Ervay
Lindsay, D. H. (Stone), cor. B'way & Pacific av
Mager, Henry (Grading, etc.), 1269 Thomas
Nichol, Minus C. (Teaming), 221 Boll
Nichols, Wm. J. (General), 125 Clark
Olcott, Chas. W. (General), 182 1st av
Sonnefield, Geo., 561 Browder
Stevenson, F. L., 237 Simpson
Watson, Alex. (General), 239 Main
FORT WORTH—Barton, B. C. (Grading), 2619 Pearl
Brookshire, S. N. (Paving, etc.)
Buckley, J. M. (Public Work)
Dashiell, John F. (Building)
Henson, Jas. A. (Grading)
Hughes, David
Hughes, J. P. (Public Work)
Matthews, Jas. W. (Grading)
Storey, Robt. C. (Sewer, etc.)
GALVESTON—Byrnes, J. W. & Co. (General), 212 Tremont
Callan, P. J., 3114 Market
Clarke, Chas. & Co. (River & Harbor), 2126 Strand
Elder, L. V. (Water Works, etc.), 212 Tremont
Heffron, Isaac (General), 2810 Market
Herrenkind, O. C., 1716 P. O.
Kennedy, W. H., 2426 Market
Ketchum, Edwin N. (Grading, etc.), 1605 53d
O'Connor, Jno. F. (Jetties & Gov.), Tremont Hotel
Rickner & Lee (R. R. Paving, etc.), 2201 Strand
Vallat, Frank, 2114 P. O. st
Wheeler, Stuart (Roads & Grading), 2317 P. O.
HOUSTON—Barker, Jay P. (General), 1513 Chartres

Brammer, Jesse (Grading), 1813 Fletcher
Carter, Will E. (Grading), 609 Caroline
Delery, W. S. & Co. (General), Cotton Ex.
Donnelly, C. E. (Paving), 1318 Houston av
Downey, Harvey W. (General), 211 Main
Epley, Alvah (Grading), 910 Bagby
Freeman, C. H. (Paving & Sewer), 1119 6th
Fugitt, Jno. W. (General), Houston Hts.
Gilbert, Francis M. (Grading), 2109 Superior
Haralson Bros. & Co. (Grading), c Willow & Baker
Hatter, J. L. (General), 1903 Texas av
Hipp, W. S. (Paving, Grading, etc.), c Baker & Walnut
Humphreysville, W. E. (Paving, Sewer, etc.), 704 Main
James, Wm. R. (Grading), Houston Hts.
Key, Alonzo (General), 2218 Crawford
Lockart, F. L. (Grading), 2915 Commerce av
Shuter, Herbert (Sewer & Paving), 608 Chenevert
Suderman, Dolan & Co. (General), 215 1-2 Main
Tierney, Thos. (Railroad & Public), 3517 Commerce
LAREDO—Eisletter & Johnson
LOCKHART—Hodges, T. S. (Street)
ORANGE—Robinson, F. W. (Street)
PARIS—Brenceman, Henry L.
SABINE PASS—Hyatt, F. A.
SAN ANTONIO—Franklin, Thomas
SHERMAN—Gardner, H. S. (Grading)
Skelsey, J. M. (General)
VELASCO—Gulf Towing Co. (Public Work)
WEATHERFORD—Smith Bros.

UTAH.

OGDEN—Johnson, J. T. & Co., 585 28th
Parry, Jos. (Paving, etc.), 1743 Wash'n av
Tout, Edwin F., 2758 Lincoln av
SALT LAKE CITY—Craig & Atkinson, 158 N 3d, W
Eagan, Timothy (Street, etc.), Atlas blk
Griffin, I. Harvey (Street Sprinkling), 558 E 2d, S
Harman, David (Excavating), 930 W. N. Temple
Rio Grande Western Construction Co., Dooley bldg
Robinson, R. J. (General), 77 Market
Robinson, T. N. (General), 79 Market
Wilkes, Edmund (Public Work), 325 Atlas blk

VERMONT.

BURLINGTON—Moore, E. F. (Paving, etc.)
Smoot & Sheehan
EAST MIDDLEBURG—Ress, C. W.
MONTPELIER—Ward & Douglas
RUTLAND—Vermont Marble Co. (General)
ST. ALBANS—Vermont Construction Co.

VIRGINIA.

ALEXANDRIA—Breen & Feely
BEDFORD CITY—Buck, E. G. (Paving & Public)
BERKLEY—Grimes, Geo. L., Oakdale, So. Norfolk
Farrell, Mack M. (General)
CHARLOTTESVILLE—Brand & Wenger
Gillispie & Co.
DANVILLE—Diffendel, Wm. (General)
FREDERICKSBURG—McDonald, J. M.
HAMPTON—Boyenton, Jno. W.
Trice, G. E. & Co. (Excavating, etc.)
Vandegrift Construction Co.
LYNCHBURG—Pettyjohn, J. P. & Co.
Smoot & Sheehan
Virginia Paving & Construction Co. (Public Work)
MANASSAS—Tillett, Jno. R. (Iron Bridge & Heavy Masonry, etc.)
MANCHESTER—Clary, Jas. W., 7th & Hull
Walker, R. Dallas, 7th & Percy
NEWPORT NEWS—Evans, Geo. H.
Timberlake, L. B. (Excavating, etc.)
Vaughan, Edwin B.
NORFOLK—Addenbrook, J. U. & Son (General), Monticello nr Wolfe
American Contracting Co., Lowenberg bldg
Banks, Geo. T. (General), Monticello av nr Freemason
Barcley, C. C. & Co. (General), Lowenberg bldg
Billsoly, W. L. & Bro. (General), 31 Randolph
Bolton, John T. (General), 140 Main
Carper, Alfred E. (General), 513 E Bramble-ton av
Cashin, Michael T. (General), 26 Rowland's Wharf
Hines, Wm. L., Ferebee, Jones & Co. bldg
Holland, Robt. L. (General), 516 Poole
Johnson, Alex. M. (General), 46 Bank
Johnson, Jeptha W. (General), Atlantic bldg
Kaufmann, Jos. C. (Grading), Colley & Guilbert avs
Larmour, Samuel (General), 287 Granby
MacNichol, C. F. Construction Co. (General), Lowenberg blk
Murray, W. D. & Co. (General), 20 Bank
Myers, Edward L. (General), Haddington bldg
National Construction Co., Chamberlaine bldg
Norfolk Dredging Co. (River & Harbor), 217 Water
Parlett, C. R. (General), Lowenberg bldg
Sanford & Brooks (Railroad, Dredging, Harbor & Government Work), Sanford bldg
Southern Paving & Construction Co., 64 Granby
Vellines, Wm. L. (General), 1 W Willoughby av
Virginia-Carolina Construction Co., Brooke av nr Boush
Worrell & Williams(General), 4 Plume
ORANGE (C. H.)—Sales, W. D. (Roads, etc.)
PETERSBURG—Cook, Asa B. (Public Work)
PORTSMOUTH—Caraway, Benj. F.
RICHMOND—Allport, Henry M. (Excavating, etc.), 1603 Park av
Ancarrow, Newton E. (General), 724 E Main
Anderson, Jas. M., 802 N 25th
Batkins, Benj. M., 211 S Belvidere
Batkins, Claude L., 910 W Marshall
Beveridge & Hooker, 7 N 11th
Billings, Albert Q., 204 S Jeff
Boxley, Joseph C., 303 W Clay
Bradley, Jas. F. (General), N Side Dock nr 17th
Bradley, W. B. Cons. Co., N Side Dock nr 17th
Burton & Bass, 102 Governor
Carpenter, Wright & Co., Cham. of Com. bldg
Carter, Robt. C., 1004 W Main
Cavedo, W. Lee, 2211 Carrington
Cavedo, Warren L., 3428 Williamsburg av
Cheatwood, Leonard J., 1211 E Broad
Chesterman, Wirt A. (General), Cham. of Com. bldg
Clay, Sidney P. (General) 601 N 31st
Crosby, Benj. F., 9 N 7th
Culpepper, Zach. O., 2802 E Broad
Ellis, G. W. & Co., 511 N 23rd
Felthaus, Rudolph B. & Co. (General), 1107 E Main
Gemmell, Robt., Catherine nr Graham
Gilman, J. W. & Son, 911 W Clay
Goodwin, Chas. N. (Excavating, etc.), 10 S Harvie
Gude, Jos. A. (General), 22 W Marshall
Hall, O. T., 2236 W Grace
Houston, A. C., 10 S 6th
Jones, R. M., 1322 Floyd av
Lambert, Geo. W., 128 S 5th
Launder, Thos. H., 431 Nicholson
McClay, A. W., 1913 Floyd av
McCoy, Jno. A., 75 W Clay
Mankin, Edwart T., 812 E Main
Mason, Wm. R., 1601 W Marshall
Mayo, G. W. & Son, 1322 W Clay
Newell, G. F. & T. D., 200 .. 21st
Palmer, W. J. & Sons, 12 N 20th
Parsons, G. W. (General), 413 E Canal
Pennock, J. E. & L., 812 E Main
Phillips, A. L. (Excavating, etc.), 1606 Hanover
Phillips, Chas. A. (Excavating, etc.), 1704 W Broad
Phillips, Lucien W., 1922 Floyd av
Powers, G. L. & Bro., 7 N 11th
Priddy & Delaney, 19 S Laurel
Ragland & Carter, 723 E Main
Schafer, Jos. B., Grove av Exted. nr Belt Line Ry.
Shafer, J., Clement Shafer bldg
Siewers, Richard A., 600 W Canal
Stirling, Thos., 505 N 28th
Temple, Douglas L. Bryan, Howard's Grove
Thompson, Jas. C., 1419 Floyd av
Urban, Herman S. (Excavating, etc.), 122 Wash'n
Veitch, W. P. (Paving), 214 S 6th
Wilson, Jno. T. (Builder), 923 E Main
Wingfield, J. F. & Son, 313 W Marshall
SALEM—Fitzgerald, W. G. B. (General)
SUFFOLK—Atlantic Coast Construction Co.
Barnes, W. H. (Street)
Borum, Geo. L. (Street)
Culley, H. R. (Street)

WASHINGTON.

OLYMPIA—Savage & Scofield (Bridges, etc.)
NEW WHATCOM—Booker, E. E.
PORT TOWNSEND—Coyne, Peter M. (Excavating, etc.)
Pardee & Sheehan
SEATTLE—Allen & Nelson Mill Co., 23 Kline & Rosenberg bldg
Congress Construction Co. (R. R., Waterworks, Government, Heavy Masonry, etc.)
Erickson, C. J. (Sewer, etc.)
Fitts, J. W. (Sewer etc.)
Peterson, Thos. (Sewer & Public), 137 Day
Puget Sound Bridge & Dredging Co. (Dredging, Bridge, Buildings, Pier, Harbor, etc.)
Stirratt & Goetz (Sewers & Public), Epler blk
SPOKANE—Broad, J. C. (Sewer & Public), 106 Post
Burns & Jordan (R. R. & Public), 1324 B'way
Costello, Peter (Sewer & Public), E, 118 Mission av
Creutzer, J. A. (General), 911 Mallon av
Fife, Jas. H. (Sewer & Public), S 18 Chandler
Hastie & Dougan, 506 Sprague av
Knight & Stone (General), Ex. bldg
Olsen, Thos. (Sewer & Public), 408 Indiana av
Peterson, P. L. (General), 2220 Ridge av
Rundle, N. B. (General), 1223 Maxwell av
Skinner, H. J. (General), "The Rookery"
Smith, F. J. (General), 713 Front
Stone, John H. (Public Work), 514 6th av
TACOMA—Elmore, C. D. (Grading), 4541 So K
Elmore, C. D. (Grading), 4541 South K
Hodgins, J. P. (Grading), 19 St. Helen's av
Kearsal, F. A. (General), 1004 North O
Nolan, J. T. (General), 1020 North L
Northwest Bridge Co. (General), Bernice bldg
Pacific Coast Dredging Co. (Dredging & Harbor), Hdqrs. bldg
Savage, Geo. M. & Co., California bldg
Sayre, C. A. (General), 1603 Franklin
Shute, W. T. (General), 406 E 29th
Smith, Wm. C. (Grading), 1302½ South B
Snyder, Frank (General), 757 South C

WEST VIRGINIA.

CHARLESTON—Howell & Shanklin Construction Co. (Water Works & Electric Light Plants)
Western Construction Co. (Public Work)
CHARLESTOWN—Vulcan Road Machine Co. (Roads & Public)
CLARKSBURG—Hanna, Contractor (Paving,
DAVIS—Minor, G. W. (Water Works & Public)
FAIRMOUNT—Bennett, P. H. (Heavy Masonry)
Brady Construction Co. (Inc.) (Bank, Office, Mill, Factory & Railroad Structures, Coal Tipples, etc.)
Phillips, Jno. F.
KYLERTOWN—Miller Construction Co.
MORGANTOWN—Gilmore, T. J.
PARKERSBURG—Cramer, L. & Son
Curry & Savage
Skidmore, Collisworth (Paving & Street)
POINT PLEASANT—Smyth & Munford Contracting Co. (Public Work)
WEST GRAFTON—Shackleford, Son & Co.
WHEELING—Aetna Construction Co. (River & Public)
Gilligan, P. J. (Bridge, Masonry, etc.)
Hallock, L. G. & Co. (General), City Bank bldg
Lemmon, G. W., 24 N Wabash
McCarty, Chas. D. (General), 30 14th
Robrecht, Henry M. (Paving, etc.), 145 14th

WISCONSIN.

APPLETON—Cavert, Fred'k (Sewer, Paving, etc.)
Cavert, Wm. (Sewer, Paving, etc.)
Green, Wm. & Sons (Paving, Sewer & Public)
Hackworthy Construction Co. (Masonry & Public)
ASHLAND—Burton, E. (Excavating)
Colwell, J. A. (Waterworks & Public)
BARABOO—Arnott, Jno. (Sewer & Paving)
Schaddo, O. (Sewer & Paving)
BELOIT—Wheeler, W. H. & Co. (Waterworks)
CASSVILLE—Teasdale, A. B. (Public Work)
EAU CLAIRE—McCann, J. W. (Macadam, etc.)
Ruttledge, A. E. & Co. (Macadam, etc.)
FOND DU LAC—Pierce, C. L. (Sewer, etc.)
Schoenlaub, Louis (Paving, etc.)

FOUNTAIN CITY—Kirschner, Albert (Public Work)
Richtman, Jacob (Public Work)
GREEN BAY—Green, Adolph (Public Work)
Grieling Bros.
JANESVILLE—Cullen, Jno. P.
Hayes, D. W. (Masonry & Public)
Ryan, Pat'k (General)
KANKAUNA—Conners, M. C. & Co. (Paving, R. R., Sewer, etc.)
LA CROSSE—Bacheller, N. C. (Sewer)
Barney, T. J. (General)
Bartz, C. A. (Building)
Fetter & Crosby (Public Work)
Gross, F. A. Construction Co. (Building)
Gutzke, Albert J. (General)
Klick, Henry B. (Building)
LaCrosse Stone Co. (General)
Miller, Jno. A. (Building)
Molzahn & Lyons (General)
Nelson, Peter (General)
Rawlinson, James (Building)
Schwalbe, Frank R. (General)
Sorensen, Ori. J. (General)
Stormont, James (General)
Techmer, F. A. C. (General)
Witt, Herman (Building)
Wold, Ole (General)
Wooley & Hanson (General)
MADISON—McCarthy, T. C.
Quinn, Nicholas (Street & Sewer)
Sullivan, Geo. (Grading)
MANITOWOC—Gray, I. W. & Co. (Sewer)
Jorseh, Theo.
Matthews & Keith (River, Harbor & Public)
Pellett, Walter E. (Excavating, etc.)
Truman, Horatio (River, Harbor & Public)
MARINETTE—Brown Dredge Co. (Lake & Harbor)
Sanderson, Jno. (Sewer)
MEDFORD—Doyle, Peter
MENOMONIE—Hackworthy Construction Co. (Sewer & Public)
Schoenoff, A. F. (Sewer & Public)
MILWAUKEE—Badger Construction Co. (General), 105 Grand av
Beck, C. Co. (General), 1150 Kinnikinnic av
Becker, Edw., 3215 Cherry
Buestrin, Henry & Sons (General), 565 E Water
Coogan, Jesse C. (Water Works), 130 2d
Connell, Frank, 62 20th
Cream City Construction Co. (General), 204 Grand av
Crilley, Cornelius J. (Paving & Public), 2018 Cedar
Crilley, Jno. J. (General), 121 19th
Croft, S. P. (Grading), 3102 Galena
Danielson, Daniel B. (General), 874 W 22d
Danischefsky, Henry (General), 1060 8th
DeWolf Construction Co. (General), 96 Wisconsin
Dierschow, John (Excavating, etc.), 594 Orchard
Forrestal, Richard W. (General), 620 Wentworth av
Froeming, Arthur C. (General), 1318 Humboldt av
Froemming, Emil, 1444 N Pierce
Freomming, Theo. C., 1288 Humboldt av
Fus Bros. & Co. (Sidewalk), 598 22d av
General Construction Co. (General), Galena c 31st
Gerhardt, J. J. & Co., 2930 Lisbon
Gottschalk, Fred (General), 829 4th
Gutknecht, Wm. & Son (Grading), 1069 8th av
Haas, Wm., 1151 21st
Hathaway, J. E. & Co. (General), Canal & W 1st av
Heiden & Gumz (Excavating, etc.), 701 9th av
Heuer, A. E. (grading), 998 5th
Hickey, R. J. (Paving & Public), 204 Grand av
Hildebrand, Fred'k (General), Forest Home av c 23d avs
Kubath, Ernst (General), 525 14th
Land, John (Excavating, etc.), 645 17th
Luenzmann, Chas. Construction Co., 1912 Prairie
Madden, Jas. J., 1063 16th
Markey, George J., 738 Wentworth av
Nakielski, Frank (Sewer, etc.), 928 Humboldt av
Northern Construction Co. (General), 106 Mason
Oberst, Hy., 1134 Lincoln av
O'Donnell, James (Sewer, etc.), 200 5th
O'Donnell, Michael (General), 1217 Clybourn
Polczynski, Joseph (Excavating, etc.), 342 Brady
Reimer, John (Grading), 630 Pearl
Rische, Fred (General), 264 8th
Roehring, Wm. (Excavating, et.), 1238 Humboldt av
Schulz, Erdmann, 94 2d
Shea Bros. (Public Work), 1002 Lincoln av
Sprague, Chas. A., 120 Wisconsin
Starke, C. H. Dredge & Dock Co., Canal nr 1st av
Stockdale, Richmond (General), 99 25th
Sullivan, Cornelius H. (Paving & Public), 715 Franklin
United States Construction Co. (General), 405 B'way
Villwock, Herman (General), 561 Union
Vogt, Aug. (Grading), 731 3d
Vogt, Herman (General), 921 8th
Volkmann, Chas. & Co. (General), Pabst bldg
Werner, Jacob, 2909 Lisbon av
Western Paving & Supply Co., 105 Grand av
Wilhelm, Henry (General), 1049 23d av
Wussow, Henry A. (General), 1178 19th
MONROE—Churchill, C. B. (Street)
OSHKOSH—Donk, August
Finor, Casper
Rusmussen, John & Son (Sewer, etc.), 151 7th
Weber, Joseph
RACINE—Birdsall, R. R. (Public Work)
Cape, Jas. & Son (Sewer, Paving, Excavating, etc.), 468 Water
Galloway, P. W. (Sewer & Street), 1700 W. 6th
Gillen, Edw. (Harbor & Public)
Harding & Nelson (Sewer & Public)
Harding, E. R. & Co. (Sewer, Paving, etc.)
Jones, John O. (Sewer & Public), 822 9th
Knapp, Fred M. (River & Public), Baker blk
Reichert Construction Co. (Sewers & Public)
RHINELANDER—Innes Bros. (Sewer)
SHEBOYGAN—Braun, Jno. (Paving & Street)
Nommensen, Richard (Sewer & Paving)
Optenberg & Sonneman (Sewer, etc.)
Schaetzer, Wm. (Sewer & Paving)
SUPERIOR—Barnett-Record (General), ft. of Grand av
Berg & Olson (General), 1019 Ogden av
Burke Bros. (General), 1st Nat'l B'k bldg
Cowdin, H. F. (General), 1301 Banks av
Dahl, E. A. (General), 1109 N. 6th
Dow, Samuel, 290 W 1st
Hanratty, Peter, 1704 N 6th
Haugner, Martin, 905 Tower av
McKenzie & Arris, 1708 Winter
Mitten, William, 9th nr Hughitt
Nyquist, Mtt., 424 Grand av
Oakes, S. P., 499 W 7th
Schmidt Bros. (General), 415 Truax bldg
Shunn, W. H., 1910 Winter
Whitney Bros. (Dock, etc.), Hughitt Slipp & 1st
Zachau, August (General), 320 W. 1st
TWO RIVERS—Kahlenberg Bros.
WATERTOWN—Gorder & Fitzlaff (Street & Public)
WAUKESHA—Dieman, August (Public Work)
Gleason, Michael (Public Work)
Ross, F. A. (Sewer, etc.)
WAUSAU—Delaney, Thomas F.
Krause, Frederic

Contractors (Heavy Masonry)

(See Contractors, General.)

Contractors (Paving)

(See Contractors, General; also Contractors, Asphalt Paving; also Cement and Concrete Pavements.)

Contractors (Pile Driving)

(See Pile Driving Contractors.)

Contractors (Railroad)

(See also Contractors, Electric Railway; also Contractors, General.)

ALABAMA.

BIRMINGHAM—Dunn & Lallande Bros., 2015 1st av
ENGINEERING CO. OF AMERICA (Inc.) (Engineering, Construction & Complete Equipment), Steiner bldg. (See adv. index, end of book)
MONTGOMERY—Alabama Construction Co.
Pruett, Oscar J.
WOODLAWN—Hodges, H. E. & Sons

CALIFORNIA.

LOS ANGELES—Grant Bros., Wilson blk
SAN FRANCISCO—Dundon Bridge & Construction Co., 225 Folsom
Healy, Tibbitts & Co., 22 Market
Hyde Construction Co., 5 Market
Lantry, B. Sons, 27th & Indiana
Laydon, Darby, 219 Stuart
McMahon, Jas. A., 6 California
Pacific Improvement Co., Crocker bldg
San Francisco Construction Co., 26 Montgomery
Remington, W. H., 5 Market
Thomson Bridge Co., 129 Mission
Wilson, Chas. L. Nevada blk
SACRAMENTO—Turton, Henry S.

COLORADO.

COLORADO SPRINGS—Clough & Anderson
DENVER—Bradbury, W. C. & Co., Railroad bldg
ENGINEERING CO. OF AMERICA (Inc.) (Engineering, Construction & Complete Equipment), Boston bldg. (See adv. index, end of book)
Orman, James B., Barth blk
O'Rourke, Jno. M. Construction Co., Railroad bldg
Ripley, A. S. Building Co., Cooper bldg
Teller, Jno. C., Equitable bldg
PUEBLO—Carlisle, Ditmer & Weitbree
Orman & Crook, 229 S Main
Shutt Improvement Co., Central blk

CONNECTICUT.

BRIDGEPORT—Holbrook, Cabot & Daly, ft Fairfield av
O'Brien, Jno., Contracting Co., ft Gold
Sheehan, Jno. C. & Co., 840 Pennbrook
HARTFORD—Keenan, D. F., 721 Main
NEW HAVEN—Blakeslee, C. W. & Sons, 58 Waverly
NEW LONDON—Fitzgerald, P. H.
NORWICH—Torrance & Matthews
SOUTHPORT—Bulkley, B. F.
WATERBURY—Gaffney, Jno. W. & Co.

FLORIDA.

JACKSONVILLE—Baxter, Geo. S. & Co.
Cotter, Wm. T.

GEORGIA.

ATLANTA—Chattahooche Brick Co., 10 Decatur
SAVANNAH—Ross, P. Sanford, 16 Bryan E.
Say Contracting Co., 12 Bull

ILLINOIS.

CHICAGO—American Ballast Co., 188 Madison
Bates & Rogers Construction Co., Manhattan bldg
Boedked, H. A. & Co., 175 Dearborn
Bracey-Howard Construction Co., 143 Dearborn
Bradley, Jas. D., 34 Wabash av
Brown, Fredk. S., 240 La Salle
Chicago & Great Lakes Dredge & Dock Co., Cham. of Com. bldg
Christie & Lowe, 171 La Salle
Dredge & Dock Co., Cham. of Com. bldg
Christy, Henry A., 757 Wash'n Boul
Clark, Thos. A. & Co., 571 Carroll av
Collins, Jas. H. & Co., 92 Lasalle
Columbia Construction Co., 135 Adams
Congress Construction Co., Masonic Temple
ENGINEERING CO. OF AMERICA (Inc.) (Engineering, Construction & Complete Equipment), 159 LaSalle. (See adv. index, end of book)
Fitz Simons & Connell Co., Tacoma bldg
Globe Construction Co., 138 Wash'n
Hall, Wilson O., 60 De Kalb
Harris & Co., 6123 Madison av
Hauser Co., 271 Madison
Hazzard, W. W., 204 Dearborn
Heidenreich, E. Lee, The Rookery
Hill, T. E. & Co., The Rookery
Hopkins, Wm. H., 4058 Lake av

Hunter, Edgar J., 591 43d
Kearns, Thos. A. Co., 279 Dearborn
Kenefick, William, The Rookery
Lorimer, Gallagher & Walsh Construction Co., The Rookery
McArthur Bros. Co., 277 Dearborn
Meyer, L. E. Co., Monadnock blk
Nelson, Thos. M., The Rookery
North Am. Ry. Construction Co., Monadnock blk
O'Day & Farwell, 145 Lasalle
Paterson, Collier & Co., Monadnock blk
Phee, Thos., 1237 W Garfield boul
Phoenix Construction Co., 277 Dearborn
Republic Construction Co., 108 Lasalle
Rider, Geo. P., 125 LaSalle
Rossi, Rinaldo, 185 Clark
Scribner, Gilbert H. Jr., 135 Adams
Seckner Co., 115 Dearborn
Shreve, Chas. E., 185 Dearborn
Sinclair Construction Co., Monadnock blk
Streeter, Dani D. 355 Dearborn
Treat, Chas. P., The Rookery
Valley Construction Co., 108 Dearborn
GARDNER—Allison, W. S.
MONMOUTH—Grove, T. B.
WORDEN—Vaughan & Conroy

INDIANA.

BRAZIL—Fitzpatrick, Patrick
EVANSVILLE—Stroud & Whitehead
GREENSBURGH—Pulse, O. L. & Co.
Thompson & Kessing
INDIANAPOLIS—Burnett, Daniel L., 314 E Michigan
Danville Construction Co., Franklin bldg
Indiana Co., Claypool bldg
Interurban R. R. Construction Co., Union Trust bldg
Nebeker, E. H. & Son, State Life bldg
Townsend, Reed & Co., State Life bldg
Yawger & Battefeld, Fair blk
RICHMOND—Johnson, B. & Son

IOWA.

CEDAR RAPIDS—Connor, A. H.
Doherty Construction Co.
Johnson, W. O. & Sons
Murray Bros.
CHARITON—Mallory, S. H. (Large)
DAVENPORT—Flick & Johnson Construction Co.
Hawkeye Construction Co.
Hell Bros. Construction Co.
Lorimer, Gallagher & Walsh Construction Co.
Tri-City Construction Co.
DES MOINES—Shugart, P. E., 417 4th
DUBUQUE—Miller, J. B.
IOWA CITY—Berry & Welch
KEOKUK—Cameron, McManus & Joyce
Diver, J. B. & Co.
McManus & Tucker
WEBSTER CITY—Faus, W. D.

KANSAS.

CHERRYVILLE—Cherryville Construction Co.
COTTONWOOD FALLS—Chase County Stone Co.
KANSAS CITY—Crow, J. H., 243 S Tremont
Doak, Jas., 1112 Spitlog
Hitchens, 19 S 7th
Mahoney, Jno., 510 Ohio
Wimmer, C. F., 1950 N 12th
LAWRENCE—Stubbs, W. R. Contracting Co
LEAVENWORTH—Cleveland Contracting Co.
STRONG—Lantry, B. Sons
Rettiger & Norton

KENTUCKY.

FRANKFORT—Mason & Hoge Co.
HENDERSON—Labrey, Wm.
Manion, Edw.
Manion, Jno.
LOUISVILLE—Bullio, Jno., 747 2nd
Crowe, John, 939 7th
King, Jno., 1121 W Jeff
King, T. A., 1121 W Jeff.
Shanahan, D. & Co., 243 5th
Shanahan, Woolfolk & Co., 243 5th
Whitney & Co., 416 W Ornsby av

LOUISIANA.

NEW ORLEANS—Scott, Nathaniel G., Hennen bldg
PORT HUDSON—Leper, C. D.
ROBSON—Robson, Wm. Son

MAINE.

LEWISTON—Bearce & Clifford Construction Co.
PORTLAND—Shannahan, Thos., 221 Franklin

MARYLAND.

BALTIMORE—ENGINEERING CO. OF America (Inc.) (Engineering, Construction & Complete Equipment), 902 Cathedral. (See adv. index, end of book)
Jones, T. B., Fidelity bldg
McCabe, Jas. F. Co., Equitable bldg
Sanford & Brooks Co., 21 S Gay
Thorne, Walter H., 165 Hillen rd
Wade, Sloan & Co., Builders Ex
CUMBERLAND—Carrrigan, Matthew
Humblrd, James & Co.
Whalen, Jeremiah
FRIENDSHIP—Ferguson, Geo. A. & Co.

MASSACHUSETTS.

BOSTON—Cram, D. H., Power St., opp. 702 Dorchester av, S. B.
Cushing, Patrick & Son, 400 Harvard, Dor.
Gore, H. & Co., 54 Kilby
Moulton & O'Mahoney, 209 Washington
Soule, Dillingham & Co., 19 Exchange pl
Turner, Jno. & Co., 20 Central
LOWELL—Ward, Wm. H., 241 Howard
PALMER—Flynt Building & Construction Co.
S. FRAMINGHAM—Falcs, A. & Son Co.
SPRINGFIELD—Ley, Fred. T. & Co., 133 Sherman
Wright, A. H. & Son, 77 Alexander
UXBRIDGE—Newell & Snowling Construction Co.
WEST NEWTON—Mague, W. H.
WOBURN—Ellis, Jacob
WORCESTER—Kelley, Jno. F. & Co., 518 Main
New England Electric R. R. Construction Co., 311 Main
Page Electric Co., 24 Pearl
Shepley & Smith Contracting Co., 44 Front

MICHIGAN.

BENTON HARBOR—Berrien Construction Co.
DETROIT—Central Construction Co., Majestic bldg
Chase Construction Co., Majestic bldg
Comstock-Halgh-Walker Co., Campau bldg
Currie, Geo. E., 1250 Jeff'n av
Detroit Construction Co., Cham of Com. bldg
Detroit & Toledo Construction Co., Hammond bldg
Frink, Edwin D., Cambridge & Mich av
Griffin, M. J., 104 Lafferty pl
Lally, Michael, 500 Brush
MacEdward, L., 803 Lincoln
Magann, G. P., 46 Porter
Rogers, Nelson J., 285 23d
Ryan, Mich'l E., 52 Wilkins
Thick, Jos. A., Mich. av. nr Central av
GRAND RAPIDS—McDonnell, Archibold, 54 N Division
O'Connor, P. W., 23 Charles
Shoulters, Theodore, 247 Howard
Tibbetts, S. B., 6 Monroe
SAGINAW—Heinemann, Morse C., 1114 Corroll, E. S.

MINNESOTA.

DULUTH—McDonald, Wm., 2226 W 1st
McDonnell, Patrick, 124 W Superior
O'Brien, J. J., 526 N 57th av, W.
Minnesota Land & Construction Co., 12 Mesaba blk
Porter Bros., Manhattan bldg
Runquist, John, Lyceum bldg
Wilson, Andrew, 98th av nr 3d N. D.
MANKATO—Widell & Co. (Stone)
MINNEAPOLIS—Anderson, M. M., 1011 Dupont av N.
Bailey, Melvin, 2531 Nicollet av
Balch, H. F., 248 Hennepin av
Brown, G. W., 120 S 4th
Collins & Livingston, 2604 Tremont av, S.
Colquohoun, Walter H., 2604 Fremont av, S.
Comstock, E. F. & Co., 220 Temple Court
Cronk & Eull, Globe bldg
Dahlquist-Erickson Co., Sykes blk
Engquist, John, 24 W Lake
Evans, Richard, Jr., Temple Court
Frederick, T. J., 421 2d av, S. E.
Graham, Jno., 1108 S. E. 4th
Lasley, W. M., 508 W Lake
Linton & Co., N. Y. Life blk
McDougal, A. J., 1100 N 1st av
McDougal, J. A., 2123 Girard av, N.
Nelson, Peter, 1823 15th av, S.
O'Malley, Pat'k, Kasota bldg
Paulson & Larson, 1302 S 7th
Peppard, M. J., 2521 S 3d av
Press, Jno., 113 S. E. 2d
Robertson, J. G., Andrus bldg
Smith, C. Colby & Co., 2901 S E 6th
Tobin, Michael, 2701 S Emerson av
Werdenhoff, C. W., Temple Court
Westlund, Erick Phoenix blk
Winston Bros. Co., Globe bldg
ST. PAUL—Anderson, Chas., 1270 Payne av
Brennan, E. J., Endicott bldg
Bumgardner, Edwin, 906 Burr
Butler Bros., N. Y. Life bldg
Callahan, J. W., 1108 Ross
Cokyendall, G. A., 1885 Marshall av
Dale & Bumgardner, Bank of Minn. bldg
Deeks, Geo. S. & Co., Nat'l G. A. B'k bldg
Elzy, R. A., 197 E 3d
Fogelberg, John, 1261 E 7th
Foley Bros., Gilfilian blk
Foley, Geo. R., 813 Osceola av
Forrestal, Jas. Co., Pioneer Press bldg
Guthrie A. & Co., Nat'l G. A. Bk bldg
Hill, Levi G., 1801 Capitol av
Jackson, Frank, 197 E 3d
Johnson, L. E., 601 Case
La Bissonniere, Jos., 166 Western av, N
Lizee, R. J., 329 Robert
McClure, Jas., Pioneer Press bldg
McSherry, P. H., 623 Winslow av
Newman & Hoy, Cham. of Com. bldg
Nevin, Jno. & Son, 282 Harrison av
Rylander, A. W., 705 Swis
St. Paul Contracting Co., Germania Life
Siems & Shields, Nat'l G. A. Bank bldg
Stewart, Neil, 1245 Charles
Stoddart, J. C., 717 Ashland av
Stoddart, Wm., N. Y. Life bldg
Tierney & Co., 26 E 3d
Winston, Edmund T., 699 N Snelling av
Williams, J. H., 547 Sibley
Youngstrom, Andrew N., 650 York

MISSISSIPPI.

JACKSON—Bowles, D. O.
Brown Bros.
Hamilton, Jones S.
OKOLONA—McCrary, H. C. & Co.

MISSOURI.

CARTHAGE—McNerney Bros.
KANSAS CITY—Adams, F. C., 201 Olive
Crowley, James, 1327 Park
Foley, J. L., 3800 E 16th
Hampson, Joseph H., 615 N. Y. Life bldg
Kenefick, Hammond Co., Bryant bldg
Loss, W. B., Midland Hotel
McAninch, Wm., 317 E 19th
May, J. M., 1223 Park
O'Keefe, D. C., 3234 Inde boul
Ryan, T. F., 923 E 13th
Skrainka Construction Co., Security bldg
Smith, L. J., Postal Tel. bldg
Stubbs-Flick-Johnson Construction Co., N. Y. Life bldg
Stubbs, W. R. Contracting Co., N. Y. Life bldg
Winston, Lee & Craney, Century bldg
KIRKWOOD—Vaughn, Geo. P.
ST. LOUIS—Abbott-Gamble Co., 620 Chestnut
Anderson, A. & Co., Chemical bldg
Bethune, Jas. H., 509 Chestnut
Boyce, W. D. Engineering Co., Chemical bldg
Fruin-Bambrick Construction Co., Chemical bldg
Fruin & Colnon, Laclede bldg
Hill-O'Meara Construction Co., 105 N 7th

Hopkins, Wm., F., 420 Olive
McCabe, Frank, 411 Oliver
McGee, Peter, 4723 Wash'n boul
Mound City Construction Co., 706 Chestnut
Quigley, R. M. Construction Co., Houser bldg
Quigley-Keogh Track Laying Co., Houser bldg
Reynolds, Jno. H., Houser bldg
Scott, Jno. & Sons, 5641 Cates av
Shutt Improvement Co., Houser bldg
Skrainka Construction Co., 319 N 4th
Southern Paving & Construction Co., World's Fair Ground
STEWART, JAS. & CO., 706 Chestnut
Thompson, J. W., 105 N 7th
Van Sant, R. L., 421 Olive
SPRINGFIELD—Hedges & Gosney Construction Co.
Reilly, Bernard D., 875 N Campbell

MONTANA.

ANACONDA—Twohy, D. D.
BUTTE—Perham Bros.
Shackelton, Jas.
Winters, Parsons & Boomer
HELENA—Brady, John
Congress Construction Co.

NEBRASKA.

BEATRICE—Kilpatrick Bros.
COZAD—Chapman, B. F.
DAVID CITY—Doty, I. E.
LINCOLN—Sharp, C. H.
OMAHA—Callahan Bros. & Katz, 427 Ramge bldg
Cuddington, Z., 1517 Farnam
Lamoreaux, A. A., N. Y. Life bldg
McShane, J. H. & Co., 303 S 13th
Owen Bros., W. O. W. bldg
Phelan & Shirley, N. Y. Life bldg
Wood, Bancroft & Doty, 1st Nat. Bank bldg
ORLEANS—Dunlay Bros.
REDINGTON—Willard, C. F.

NEW JERSEY.

CAMDEN—Phillips, G. J., Cooper's Creek & Federal
Sweeten, B. F. & Son, Cooper & Delaware
EAST ORANGE—Nevins, Thos. & Son
JERSEY CITY—Clynes W. Knight, 18 Monticello av
Ross, P. S., 277 Wah'n
Shanley, B. M. & J. F. Co., 26 Exchange pl
NEWARK—Cornell Construction Co., 22 Clinton
Cullen, W. A., 262 5th
Shanley, B. M. & J. F. Co., 867 Broad
NEW BRUNSWICK—Riddle, T. H. Construction Co.
NO. LEROY—General Crushed Stone Co. (Inc.) (Specialty, Ballasting)
PLAINFIELD—Brady, Bernard

NEW YORK.

BUFFALO—Chapman, A. F. & Co., White bldg
Donnelly Contracting Co., Ellicott sq
Grattan & Jennings, ft. of Main
CORNING—Bradley, T. & J.
ELMIRA—Costello & Neagle
GOUVERNEUR—Cole, J. Frank
NEW YORK—**ABBOTT-GAMBLE CON**tracting Co., 32 B'way
Clark & Co., 100 B'way
Colonial Construction Co., 141 B'way
Colonial Contracting Co., 127 E 23d
Crimmins, T. E. & Thos., 444 E 69th
Cnozzo, D. & Bros., 150 Nassau
Curran, Patrick F., 48 Dey
Drake & Stratton Co., 100 B'way
ENGINEERING CO. OF AMERICA (Inc.) (Engineering, Construction & Complete Construction), 74 B'way. (See adv. index, end of book)
Farrell-Hopper & Co., 2105 7th av
Ferguson Contracting Co., 69 Wall
Gamble, Jas., 15 William
Griggs, C. Robinson, 150 Nassan
International Contracting Co., 10 Battery pl
McDonald, J. B., Park Row bldg
McDonald, J. P. Co., 35 Nassau
Manhattan Construction Co., 21 Park Row
Mexican National Construction Co., 11 B'way
Naughton & Co., 258 B'way
Rodgers, J. C. & Son, 17 Park Row
Sorzano, Julio F. (Firm of), 52 B'way
Stanton, D. N., 1 B'way
Strang, W. B., Jr., 15 Wall
OSWEGO—O'Connor, Jno., 116 W Bridge
RHINEBECK—Curran, Frank
Curran, John
Curran, Patrick
O'Brien, Jno.
ROCHESTER—Chambers, George, Powers' bldg
Denniston & Co., E. & B. bldg
Ellsworth & Grant, 82 Insurance bldg
Friedrich, Julius, 29 Friederich Park
SALAMANCA—Miller, Fred.
SYRACUSE—Belden, Alvin J., 621 W Genesee
Driscoll, A. C., 112 E Jefferson
Gleason & Kiely, 244 Wolf
Grannis, Geo. L., 312 E Genesee
Hughes Bros. & Bangs (Masonry), Kirk bldg
O'Brien & Hoolihan, 1722 Park
Smith, Chas., 317 N State

NORTH CAROLINA.

CHARLOTTE—**ENGINEERING CO. OF** America (Inc.) (Engineering, Construction & Complete Equipment), Piedmont bldg. (See adv. index, end of book)

OHIO.

BELLAIRE—General Construction Co.
Rosser & Castoe
CINCINNATI—Caruso, Anthony Bro. & Co., 216 W Front
Gest, G. M., Union Trust bldg
Glidden, Frank M., 264 McCormick pl
Hazen, L. P. & Co., Reading rd & Elsinore av
Kirchner, F. H. & Co., 8th & Plum
Molloy, John, Pueblo n Young
Squair, Robt. H., 1261 1st av
Tennis Co., 22 Swift bldg
Wagenhals & Cavauaugh, Perin bldg
CLEVELAND—Callinan Construction Co., Williamson bldg
Buffalo Construction Co., Electric Bldg
Cleveland Construction Co., Garfield bldg
David, Joseph, 87 Prescott
Electric Construction Co., Electric bldg
Gayer, W. C. & Co., Wade bldg
Hazzard, Wm. W., New England bldg
Maclennan, John D., 527 Garfield bldg
Smith, L. P., & J. A. Co., Williamson bldg
Standard Contracting Co., 63 Wade bldg
Strong, Chas. H. & Son, 802 Cuyahoga bldg
Tubman, Alexander, 872 Fairmount
Tuttle, I. D., Blackstone bldg
United States Construction Co., Williamson bldg
COLUMBUS—Adams, J. T. Schultz bldg
Iron Substructure Co., 5th av, E of Cassidy av
McLaughlin, P. R., 180 N 18th
Romosier, Wm. F., 163 N 4th
White, Alonzo W., 415 Wilson av
DAYTON—Arnold, Jas. O., 629 W Superior av
SPRINGFIELD—Randall, W. C. J., 23 N Mechanic
Ulrick & Williams, 141 S Limestone
TOLEDO—Beck, J. N., The Nasby
Harman, Nath'l O., 201 Empire
Howe, James, 1325 Missouri
Rooney, W. E., 453 Missouri
Sawyer, C. H., Spitzer bldg
TROY—Hays Construction Co. (Masonry, etc.)

OREGON.

PORTLAND—Anderson, G. A., Tabor av cor Ellsworth
Ban, S., 32 7th N
Blagen, N. J., Concord bldg
Brook, Arthur, Worcester blk
Congress Construction Co., Federal bldg
Golden, N. B., Woodmere
Golden, W. L., Woodmere
Johnson, E. T., 141 1st
Kern, Dan'l, 345 23rd N
McPherson, R. K., 229 11th
Pacific Bridge Co., 263 Yamhill
Pacific Coast Construction Co., Worcester blk
Portland Bridge & Building Co., Worcester blk
Seaman, N. G., 510 19th

PENNSYLVANIA.

ALLEGHENY—Gwinner, Fred., 1801 Market
ALLENTOWN—Allentown Paving & Construction Co., 901 Hamilton
ALTOONA—Finn & Vipond Construction Co.
Stahl, W. G. & Sons
BRADFORD—Sheehan & McGhan
EASTON—Smith, James
ERIE—Mayer, Henry, 1213 State
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Converters (Electric)

Elwell-Parker Electric Co., 1066 Hamilton, Cleveland, O.
General Incandescent Arc Light Co., 529 W 34th, N. Y.
WESTINGHOUSE ELECTRIC & MFG. Co. (Rotary), Westinghouse bldg, Pittsburg, Pa. District Offices—New York, Atlanta, Dallas, Baltimore, Boston, Buffalo, Chicago, Cincinnati, Cleveland, Detroit, Los Angeles, Minneapolis, New Orleans, Philadelphia, Pittsburg, St. Louis, Salt Lake City, San Francisco, Syracuse, Seattle, Denver, Mountain Electric Co. Canada, Canadian Westinghouse Co., Ltd., Hamilton, Ontario. Mexico, G. & O. Braniff & Co., City of Mexico. (See adv. index, end of book)

Conveyor Troughs

Lyon Metallic Mfg. Co., 18 S Ann, Chicago, Ill.

Conveyors (Apron)

JEFFREY MFG. CO., Columbus, O.; 41 Dey, N. Y., & Equitable bldg, Denver, Col. (See adv. next page)
Link Belt Engineering Co. (Steel), Nicetown, Phila., Pa.; 47 Dey, New York, & Park bldg, Pittsburg, Pa.
MEY CHAIN BELTING ENGINEERing Works, 14 Perry, Buffalo, N. Y. (See adv. next page)
Steel Cable Engineering Co. (and Sorting Tables), 92 State, Boston, Mass.; 120 Liberty, N. Y., & 204 Dearborn, Chicago, Ill.
Williamsport Clutch & Pulley Co. (also Tubular Apron), Williamsport, Pa.

Conveyors (Belt)

Allis-Chalmers Co., N. Y. Life bldg, Chicago; 71 B'way, New York. Works, Chicago, Milwaukee, Wis., & Scranton, Pa.
AMERICAN TOOL & MACHINE CO., 109 Beach, Boston, Mass.
BARTLETT, C. O. & SNOW CO., Cleveland, O. (See adv. index, end of book)
Bethlehem Foundry & Machine Co., So. Bethlehem, Pa.
Bonnot Co., Canton, O.
Buhl Malleable Co., Wight & Adair, Detroit, Mich.
Borden & Selleck Co., 48 Lake, Chicago
Chain Belt Co., 766 Park, Milwaukee, Wis.
Dodge Mfg. Co., Mishawaka, Ind.
GREGG CO. (Ltd.) (For Sugar Cane, etc.), Newburgh, N. Y. (See adv. index, end of book)
Grotenrath, Fred., 111 W Water, Milwaukee, Wis.
HOISTING & CONVEYING MACHINery Co., 44 N Elizabeth, Chicago, Ill. (See adv. index, end of book)
Klein, Chas. C., 2850 N Marshall, Phila., Pa.
JEFFREY MFG. CO. (Rubber), Columbus, O.; 41 Dey, N. Y., & Equitable bldg, Denver, Col. (See adv. next page)
Link Belt Engineering Co., Nictown, Phila., Pa.; 47 Dey, New York, & Park bldg, Pittsburg, Pa.
Link Belt Machinery Co., W 39th & Stewart av, Chicago
Mead, Morrison Mfg. Co., 11 B'way, New York; Boston, Mass., & Chicago, Ill.
Mine & Smelter Supply Co., Denver, Col.; 139 Cortlandt, New York; El Paso, Tex., & Salt Lake City, Utah
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
Ridgway Belt Conveyor Co., 29 B'way, New York
Robins Conveying Belt Co., 15 Park Row, N. Y.
Steel Cable Engineering Co. (Troughed & Flat), 92 State, Boston, Mass.; 120 Liberty, N. Y., & 204 Dearborn, Chicago, Ill.
Tate, Jones & Co. (Inc.), Empire bldg, Pittsburg, Pa.
WEBSTER MFG. CO., 1075 W 15th, Chicago, & 38 Dey, N. Y. (See adv. index, end of book)

WELLER MFG. CO. ("Helicoid"), 118 North av, Chicago. (See adv. next page)
Williamsport Clutch & Pulley Co. (Rubber, etc.), Williamsport, Pa.

Conveyors (Brick)

BARTLETT, C. O. & SNOW CO., Cleveland, O. (See adv. next page)
Buhl Malleable Co., Wight & Adair, Detroit, Mich.
Cleveland Elevator Bucket Co., 225 St. Clair, Cleveland, O.
Horton Mfg. Co., Painesville, O.
Link Belt Enigneering Co., Nicetown, Phila., Pa.; 47 Dey, New York, & Park bldg, Pittsburg, Pa.
Link Belt Machinery Co., W 39th & Stewart av, Chicago
MEY CHAIN BELTING ENGINEER- ing Works, 14 Perry, Buffalo, N. Y. (See adv. below)
WEBSTER MFG. CO., 1075 W 15th, Chicago, & 38 Dey, N. Y. (See adv. next page)
Wellington Machine Co., Wellington, O.

Conveyors (Cable)

(See Conveyors, Wire Cable; also Tramways, Wire Rope.)

Conveyors (Chain)

BARTLETT, C. O. & SNOW CO., Cleveland, O. (See adv. next page)
Borden & Selleck Co., 48 Lake, Chicago
Buhl Malleable Co., Wight & Adair, Detroit, Mich.
Dodge Mfg. Co., Mishawaka, Ind.; 45 Dey, N. Y.; 168 S Clinton, Chicago, 137 Purchase, Boston, Mass., & Cinn., O.
Garland, M. Co. (Steel Chain), Bay City, Mich.
HOISTING & CONVEYING MACHIN- ery Co., 44 N Elizabeth, Chicago, Ill. (See adv. index, end of book)
Interstate Engineering Co., Cleveland, O. Works, Bedford, O.
JEFFREY MFG. CO., Columbus, O.; 41 Dey, N. Y., & Equitable bldg, Denver, Col. (See adv. next column)
Koehler Bros., Saginaw, Mich.
Link Belt Machinery Co., 39th & Stewart av, Chicago
MEY CHAIN BELTING ENGINEER- ing Works, 14 Perry, Buffalo, N. Y. (See adv. below)
WELLER MFG. CO., 118 North av, Chicago. (See adv. next page)
Williamsport Clutch & Pulley Co. (Single & Double Strand), Williamsport, Pa.

Conveyors (Clay)

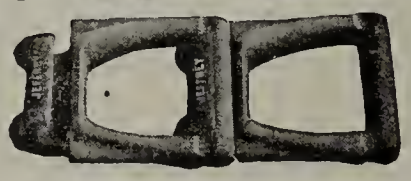
Allis-Chalmers Co., New York Life bldg, Chicago, & 71 B'way, New York. Works, Chicago, Milwaukee, Wis., & Scranton, Pa.
American Clay Working Machinery Co., Bucyrus, O.; Willoughby, O., & 39 Cortlandt, New York
BARTLETT, C. O. & SNOW CO., Cleveland, O. (See adv. next page)

Jeffrey Machinery.

ELEVATING, CONVEYING.

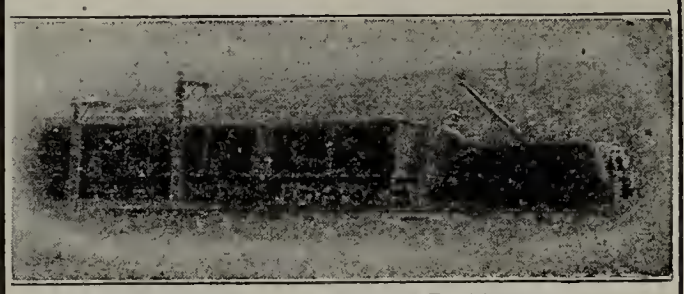
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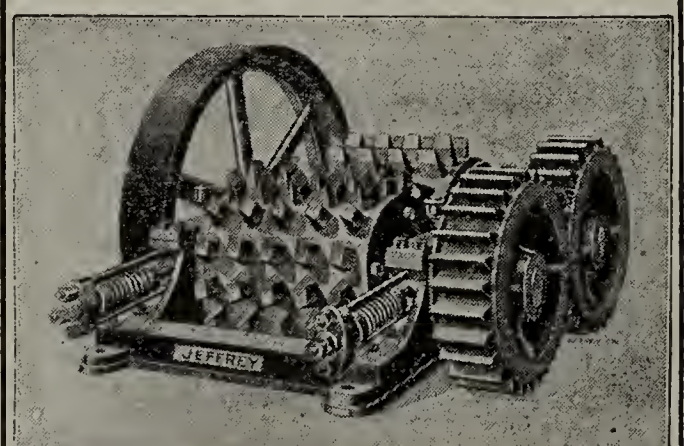


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The Jeffrey Mfg Co.
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New York, Chicago, Denver, Pittsburg, Charleston, W. Va.

Bonnot Co. (And Clay Elevators), Canton, O.
Borden & Selleck Co., 48 Lake, Chicago
Buhl Malleable Co., Wight & Adair, Detroit, Mich.
Cleveland Elevator Bucket Co., 225 St. Clair, Cleveland, O.
Fernholtz Brick Machinery Co., Boyle & Old Manchester avs, St. Louis, Mo.
HAISS, GEO. MFG. CO., 141st & Rider av, New York. (See adv. index, end of book)
HOISTING & CONVEYING MACHIN- ery Co., 44 N Elizabeth, Chicago, Ill. (See adv. index, end of book)
Huetteman & Cramer Co., 65 Catharine, Detroit, Mich.
JEFFREY MFG. CO., Columbus, O.; 41 Dey, N. Y., & Equitable bldg, Denver, Col. (See adv. this page)
Leader Mfg. Co., Decatur, Ill.
Link Belt Engineering Co., Nicetown, Phila., Pa.; Park bldg, Pittsburg, Pa., & 49 Dey, New York
Link Belt Machinery Co., W 39th & Stewart av, Chicago
MEY CHAIN BELTING ENGINEER- ing Works, 14 Perry, Buffalo, N. Y. (See adv. bottom of page)
Robins Conveying Belt Co., 15 Park Row, N. Y.

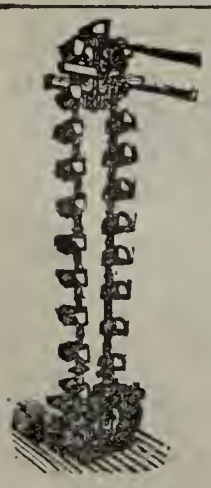
Conveyors (Clinker)

JEFFREY MFG. CO., Columbus, O.; 4 Dey, N. Y., & Equitable bldg, Denver, Col. (See adv. this page)
Link Belt Machinery Co., W 39th & Stewart av, Chicago, Ill.

Conveyors (Coal & Ash Handling)

(See also Coal and Ore Handling Machinery.)

Allis-Chalmers Co., N. Y. Life bldg, Chicago, &71 B'way, New York. Works, Chicago, Milwaukee, Wis., & Scranton, Pa.
BARTH MFG. CO., Milwaukee, Wis. (See adv. index, end of book)
BARTLETT, C. O. & SNOW CO., Cleveland, O. (See adv. next page)
Borden & Selleck Co., 48 Lake, Chicago
BROWN HOISTING MACHINERY CO., 1345 St. Clair, Cleveland, O., & 26 Cortlandt, N. Y. (See adv. index, end of book)
Buhl Malleable Co., Wight & Adair, Detroit, Mich.
Chain Belt Co., 766 Park, Milwaukee, Wis.
Cleveland Elevator Bucket Co., ("Light Grade"), 225 St. Clair, Cleveland, O.
Exeter Machine Works, Pittston, Pa.
FILER & STOWELL CO., Becher & Ziemer, Milwaukee, Wis. (See adv. index, end of book)
Flory, S. Mfg. Co. (also Sand Conveyors), Bangor, Pa.
Garland, M. Co., Bay City, Mich.
HAISS, GEO. MFG. CO., 141st & Rider av, N. Y. (See adv. index, end of book)
HOISTING & CONVEYING MACHIN- ery Co., 44 N Elizabeth, Chicago, Ill. (See adv. index, end of book)
Hunt, C. W. Co., 45 B'way, N. Y. Works, W. New Brighton, S. I., N. Y.
Interstate Engineering Co., Cleveland, O. Works, Bedford, O.



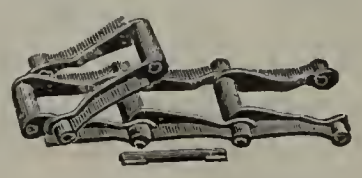


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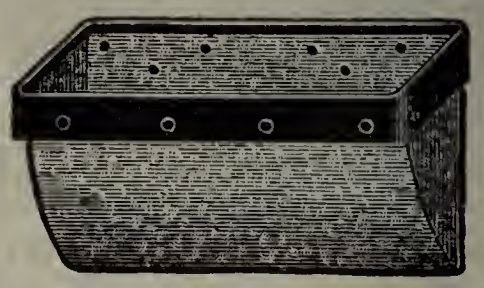
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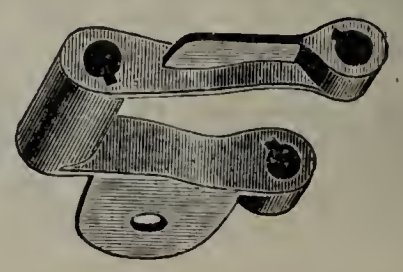
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Kenney & Co., Scottdale, Pa.
Link Belt Engineering Co., Nicetown, Phila., Pa.; Park bldg, Pittsburg, Pa., & 49 Dey, New York
Link Belt Machinery Co., W 39th & Stewart av, Chicago
McLanahan Stone Machine Co., Hollidaysburg, Pa.
McMyler Mfg. Co., 182 Columbus, Cleveland, O., & Warren, O.
Mead-Morrison Mfg. Co., 11 B'way, New York; Boston, Mass & Chicago, Ill.
MEY CHAIN BELTING ENGINEER-ing Works, 14 Perry, Buffalo, N. Y. (See adv. preceding page)
Nelsonville Foundry & Machine Co., Nelsonville, O.
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
Prox & Brinkman Mfg. Co., Terra Haute, Ind.
Robins Conveying Belt Co., 15 Park Row, N. Y.
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
Simpson Mfg. Co., 95 Dearborn, Chicago.
STEEL CABLE ENGINEERING CO., 92 State, Boston, Mass.; 120 Liberty, N. Y., & 204 Dearborn, Chicago, Ill.
Tamaqua Mfg. Co. (For Coal Mining, etc.), Tamaqua, Pa.
Tate, Jones & Co. (Inc.) (Engineers & Contractors), Empire bldg, Pittsburg, Pa.
Teal, Chas. A., 1361 Ridge av, Phila., Pa.
Textile Finishing Machinery Co., (Endless Chain), Warren, R. I.
Union Iron Works, Hoboken, N. J.
Vulcan Iron Works, Wilkesbarre, Pa.
Wagner-Palmros Mfg. Co., Fairmont, W. Va.

Conveyors (Corn & Corn Cob)

SPRAGUE CANNING MACHINERY Co., 42 River, Chicago, Ill. (See adv. index, end of book)

Conveyors (Cotton & Wool)

STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria st, London, Eng. (See adv. index, end of book)

Conveyors (Fertilizer)

Interstate Engineering Co., Cleveland, O. Works, Bedford, O.
Link Belt Engineering Co., Nicetown, Phila., Pa.; 47 Dey, New York, & Park bldg, Pittsburg, Pa.
Link Belt Machinery Co., W 39th & Stewart av, Chicago
MEY CHAIN BELTING ENGINEER-ing Works, 14 Perry, Buffalo, N. Y. (See adv. preceding page)

Conveyors (Flour)

Buhl Malleable Co., Wight & Adair, Detroit, Mich.
Campbell, Peter F., 51 Laurel, Phila., Pa.
Chain Belt Co., 766 Park, Milwaukee, Wis.
Link Belt Engineering Co., Nicetown, Phila., Pa.; 47 Dey, New York, & Park bldg, Pittsburg, Pa.
Link Belt Machinery Co., W 39th & Stewart av, Chicago
MEY CHAIN BELTING ENGINEER-ing Works, 14 Perry, Buffalo, N. Y. (See adv. preceding page)
Noye Mfg. Co., 50 Lakeview av, Buffalo, N. Y.
Sprout, Waldron & Co., Muncy, Pa.

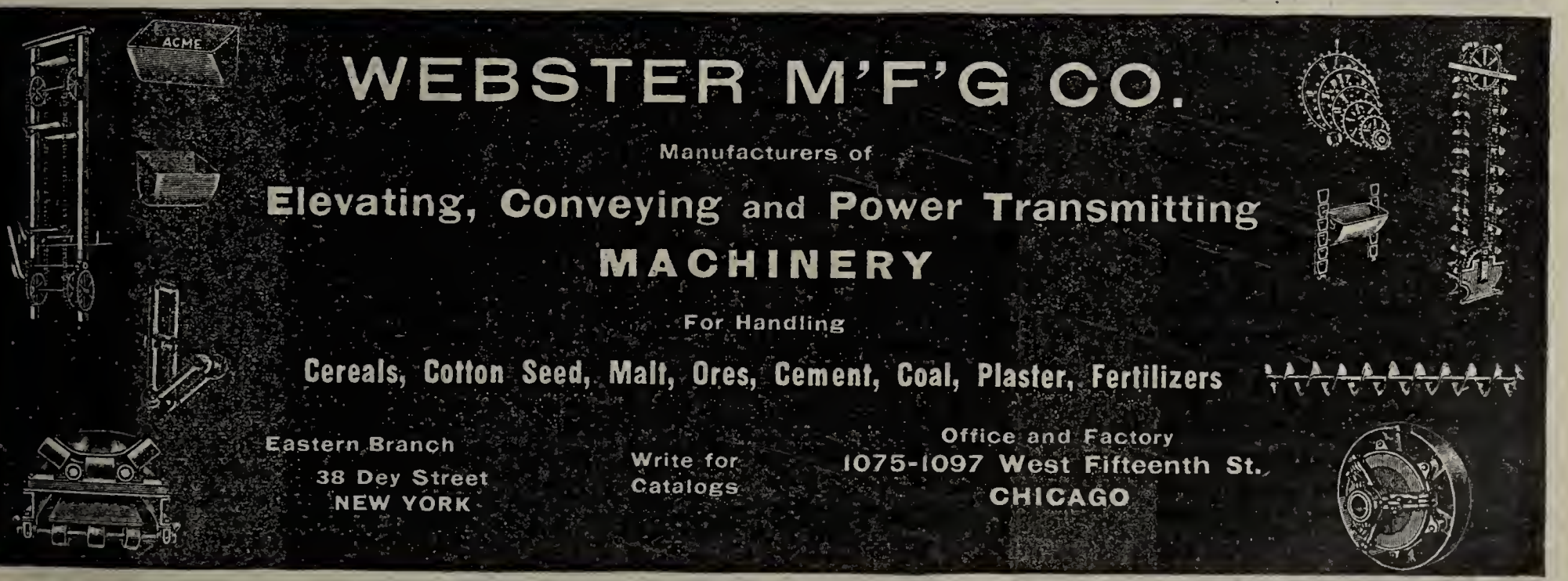
Conveyors (Freight)

BARTLETT, C. O. & SNOW CO., Cleveland, O. (See adv. on this page)
Borden & Selleck Co., 48 Lake, Chicago
Buhl Malleable Co., Wight & Adair, Detroit, Mich.
Campbell, Peter F., 51 Laurel, Phila., Pa.
Chain Belt Co., Milwaukee, Wis.
Interstate Engineering Co., Cleveland, O. Works, Bedford, O.
Link Belt Engineering Co., Nicetown, Phila., Pa.; 47 Dey, New York, & Park bldg, Pittsburg, Pa.
Link Belt Machinery Co., W 39th & Stewart av, Chicago
STEEL CABLE ENGINEERING CO., (Barrell, Box, etc.), 92 State, Boston, Mass.; 120 Liberty, N. Y.; & 204 Dearborn, Chicago, Ill.
Vulcan Iron Works, Wilkesbarre, Pa.

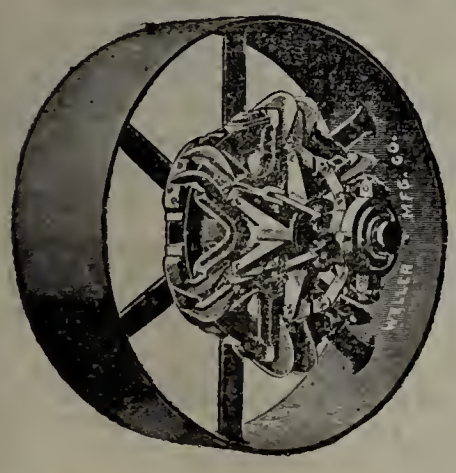
Conveyors (Grain Elevator)

BARTLETT, C. O. & SNOW CO., Cleveland, O. (See adv. below)





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Grotenrath, Fred, 111 W Water, Milwaukee, Wis.
Link Belt Engineering Co., Nictown, Phila., Pa.; 47 Dey, New York, & Park bldg, Pittsburg, Pa.
Link Belt Machinery Co., W 39th & Stewart av, Chicago
MEY CHAIN BELTING ENGINEERing Works, 14 Perry, Buffalo, N. Y. (See adv. index, end of book)
Moore & Lorenz Co., 123 S. Clinton, Chicago
Nordyke & Marmon Co., 1101 W. Morris, Indianapolis, Ind.
Richmond City Mill Works, Richmond, Ind.
Skillin & Richards Mfg. Co., 147 Fulton, Chicago
Sprout, Waldron & Co., Muncy, Pa.
WEBSTER MFG. CO., 1075 W 15th, Chicago, & 38 Dey, N. Y. (See adv. preceding page)
WELLER MFG. CO., 118 North av, Chicago. (See adv. preceding page)

Conveyors (Gravel & Sand)

Cleveland Elevator Bucket Co., 225 St. Clair, Cleveland, O
HOISTING & CONVEYING MACHINery Co., 44 N Elizabeth, Chicago, Ill. (See adv. index, end of book)
MEY CHAIN BELTING ENGINEERing Works, 14 Perry, Buffalo, N. Y. (See adv. index, end of book)

Conveyors (Gravity)

Mead-Morrison Mfg. Co. ("McCaslin" Bucket). 11 B'way, New York

Conveyors (Hot Metal)

BARTLETT, C. O. & SNOW CO., Cleveland, O. (See adv. preceding page)
Link Belt Engineering Co., Nicetown, Phila., Pa.; 47 Dey, New York, & Park bldg, Pittsburg, Pa.
Link Belt Machinery Co., W 39th & Stewart av, Chicago
NORTHERN ENGINEERING WORKS, Chene & Atwater, Detroit, Mich. (See adv. index, end of book)
WHITING FOUNDRY EQUIPMENT Co., Harvey, Ill. (See adv. index, end of book)

Conveyors (Ice)

(See Ice Handling Machinery)

Conveyors (Link Belt)

Buhl Malleable Co., Wight & Adair, Detroit, Mich.
Chain Belt Co., Milwaukee, Wis.
Grotenrath, Fred, 111 W. Water, Milwaukee, Wis.
Interstate Engineering Co., Cleveland, O. Works, Bedford, O.
Link Belt Engineering Co., Nicetown, Phila., Pa.; Park bldg., Pittsburg, Pa., & 49 Dey, N. Y.
Link Belt Machinery Co., W 39th & Stewart av, Chicago
MEY CHAIN BELTING ENGINEERing Works, 14 Perry, Buffalo, N. Y. (See adv. index, end of book)

Conveyors (Log)

Allis-Chalmers Co., N. Y. Life bldg, Chicago, Ill., & 71 B'way, New York. Works, Chicago, Wilwaukee, Wis., & Scranton, Pa.
Buhl Malleable Co., Wight & Adair, Detroit, Mich.
Diamond Iron Works, Minneapolis, Minn.
FILER & STOWELL CO., Becher & Ziemer, Milwaukee, Wis. (See adv. index, end of book)
Garland, M. Co. (Steel Chain, etc.), Bay City, Mich.
Henderson, W. K. Iron Works & Supply Co., Shreveport, La.
Interstate Engineering Co., Cleveland O. Works, Bedford, O.
Koehler Bros., Saginaw, Mich.
Link Belt Engineering Co., Nicetown, Phila., Pa.; 47 Dey, New York, & Park bldg, Pittsburg, Pa.
Link Belt Machinery Co., W 39th & Stewart av., Chicago
MEY CHAIN BELTING ENGINEERing Works, 14 Perry, Buffalo, N. Y. (See adv. index, end of book)
Soule Steam Feed Works, Meridian, Miss.

Conveyors (Pan)

Allis-Chalmers Co., N. Y. Life bldg, Chicago. & 71 B'way, New York. Works, Chicago. Milwaukee, Wis., & Scranton, Pa.
Borden & Selleck Co., 48 Lake, Chicago
JEFFREY MFG. CO. (Endless), Columbus, O.; 41 Dey, N. Y., & Equitable bldg, Denver, Col. (See adv. index, end of book)
Link Belt Engineering Co., Nicetown, Phila., Pa.; 47 Dey, New York, & Park bldg, Pittsburg, Pa.
MEY CHAIN BELTING ENGINEERing Works, 14 Perry, Buffalo, N. Y. (See adv. index, end of book)
Steel Cable Engineering Co. (Plain for Coke, Cement, Clinker, etc.), 92 State, Boston, Mass.; 120 Liberty, New York, & 204 Dearborn, Chicago, Ill.
Williamsport Clutch & Pulley Co. (Dumping & Cast Iron), Williamsport, Pa.

Conveyors (Rock & Ore)

Allis-Chalmers Co., N. Y. Life bldg, Chicago, & 71 B'way, New York. Works, Chicago. Milwaukee, Wis., & Scranton, Pa.
BARTLETT, C. O. & SNOW CO., Cleveland, O. (See adv. preceding page)
Borden & Selleck Co., 48 Lake, Chicago
Buhl Malleable Co., Wight & Adair, Detroit, Mich.
Cleveland Elevator Bucket Co. (Crushed Rock), 225 St. Clair, Cleveland, O.
Garland, M. Co. (Steel Cable, etc.), Bay City, Mich.
Hammond Mfg. Co., 100 1st, Portland, Oregon
HOISTING & CONVEYING MACHINery Co., 44 N Elizabeth, Chicago, Ill. (See adv. index, end of book)
Interstate Engineering Co., Cleveland, O. Works, Bedford, O.
Link Belt Engineering Co., Nicetown, Phila., Pa.; Park bldg., Pittsburg, Pa., & 49 Dey, N. Y.
Link Belt Machinery Co., W 39th & Stewart av., Chicago
MEY CHAIN BELTING ENGINEERing Works, 14 Perry, Buffalo, N. Y. (See adv. index, end of book)
Robins Conveying Belt Co., 13-21 Park Row, New York
Steel Cable Engineering Co., 92 State, Boston, Mass.; 120 Liberty, N. Y., & 204 Dearborn, Chicago, Ill.
Urie Boiler & Machine Co., 607 W 5th, Kansas City, Mo.
Vulcan Iron Works, Wilkesbarre, Pa.

Conveyors (Rolling Mill)

American Furnace & Machine Co. (Tin Plate & Sheet), Publication Bldg, Pittsburg, Pa.
Heyl & Patterson (Bar, Billet & Slab, etc.), 51 Water, Pittsburg, Pa.
Link Belt Engineering Co., Nictown, Phila., Pa.; 47 Dey, New York, & Park bldg, Pittsburg, Pa.

Conveyors (Rotary

Link Belt Engineering Co. (Steel), Nicetown, Phila., Pa.; 47 Dey, New York, & Park bldg, Pittsburg, Pa.

Conveyors (Saw Dust)

Buhl Malleable Co., Wight & Adair, Detroit, Mich.
Chain Belt Co., Milwaukee, Wis.
FILER & STOWELL CO., Becher & Ziemer, Milwaukee, Wis. (See adv. index, end of book)
Garland, M. Co., Bay City, Mich.
Interstate Engineering Co., Cleveland, O. Works, Bedford, O.
Koehler Bros., Saginaw, Mich.
Link Belt Engineering Co., Nicetown, Phila., Pa.; Park bldg., Pittsburg, Pa., & 49 Dey, New York
Link Belt Machinery Co., W 39th & Stewart av., Chicago
MEY CHAIN BELTING ENGINEERing Works, 14 Perry, Buffalo, N. Y. (See adv. index, end of book)
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
Southern Engine & Boiler Work (Inc.), Jackson, Tenn.
Union Iron Works, Bangor, Me.
Wickes Bros., Saginaw, Mich.

Conveyors (Spiral)

AMERICAN TOOL & MACHINE CO., 109 Beach, Boston, Mass.
BARTLETT, C. O. & SNOW CO., French st, Cleveland, O. (See adv. preceding page)
Buhl Malleable Co., Wight & Adair, Detroit, Mich.
Caldwell, H. W. & Son Co., Western av & 17th, Chicago, Ill.
Chain Belt Co. (Steel), Milwaukee, Wis.
Dodge Mfg. Co., Mishawaka, Ind.; 45 Dey, N. Y.; 168 S Clinton, Chicago; 137 Purchase, Boston, Mass., & Cincinnati, O.
Grotenrath, Fred, 111 W Water, Milwaukee, Wis.
Great Western Mfg. Co., Leavenworth, Kan.
Interstate Engineering Co., Cleveland O. Works, Bedford, O.
JEFFREY MFG. CO., Columbus, O., 41 Dey, N. Y., & Equitable bldg, Denver, Col. (See adv. index, end of book)
Link Belt Engineering Co., Nictown, Phila., Pa.; 49 Dey, New York, & Park bldg, Pittsburg, Pa.
Link Belt Machinery Co., W 39th & Stewart av, Chicago
MEY CHAIN BELTING ENGINEERing Works, 14 Perry, Buffalo, N. Y. (See adv. index, end of book)
Moore & Lorenz Co., 115 S Clinton, Chicago, Ill.
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
Skillin & Richards Mfg. Co., 147 Fulton, Chicago
Tate, Jones & Co., Empire bldg., Pittsburg, Pa.
WEBSTER MFG. CO., 1075 W 15th, Chicago, & 38 Dey, N. Y. (See adv. preceding page)
WELLER MFG. CO. ("Helicoid"), 118 North av, Chicago, Ill. (See adv. preceding page)
Williamsport Clutch & Pulley Co. (Steel & Cast Iron), Williamsport, Pa.

Conveyors (Trench Excavating)

(See Sewer Excavating Machinery.)

Conveyors (Wire Cable)

(See also Wire Rope Tramways.)

JEFFREY MFG. CO., Columbus, O., 41 Dey, N. Y., & Equitable bldg., Denver, Col. (See adv. index, end of book)
Link Belt Engineering Co., Nicetown, Phila., Pa.; 47 Dey, New York, & Park bldg, Pittsburg, Pa.
Link Belt Machinery Co., W. 39th & Stewart av., Chicago, Ill.
Skillin & Richards Mfg. Co., 241 S Jefferson, Chicago
Steel Cable Engineering Co., 92 State, Boston, Mass.; 120 Liberty, N. Y., & 204 Dearborn, Chicago, Ill.
Tate, Jones & Co., Empire bldg., Pittsburg, Pa.
Webster Mfg. Co., 1075 W. 15th, Chicago, & 38 Dey, N. Y.
WELLER MFG. CO., 118 North av, Chicago, Ill. (See adv. preceding page)

Cookers (Feed)

Helsen Bros. & Co., Tecumseh, Mich.
Kelly Foundry & Machine Co., Goshen, Ind.
Silver Mfg. Co. (Steam), Salem, O

Cooking Apparatus

Bangs, Jno. D. & Co., 274 Wabash av., Chicago, Ill.
Born Steel Range Co., Cleveland, O.
Bramhall, Deane Co., 264 Water, N. Y.
Bramhall Range Co., 81 Market, Chicago, Ill.
CARMICHAEL-WILKES RANGE CO., 195 Kinzie, Chicago, Ill.
Carpenter, Cyrus & Co., 44 Hanover, Boston, Mass.
Clad, V. & Sons, 239 S 12th, Phila., Pa. (See adv. index, end of book)
Clark-Miller Co., Seattle, Wash.
Cosmopolitan Range Co., 26 Sullivan, N. Y.
Crane, W. M. Co., 1133 B'way, N. Y.
Dougherty, W. F., 158 N 9th, Phila., Pa.
DUPARQUET, HOUT & MONEUSE Co., 43 Wooster, New York; 88 North, Boston, Mass., & 1420 Penna. av, Washington, D. C. (See adv. below)
Fischer, Wm. G. Mfg. Co., 109 Church pl, Cincinnati, O.
Gregory, H. I., 908 Pennsylvania av, Washington, D. C.
Hadaway Electric Heating & Engineering Co. ("Electric"), 136 Liberty, N. Y.
Hutchinson Bros., 116 N. Howard, Baltimore, Md.
Ils, John G. & Co., 814 Kearny, San Francisco, Cal.
Ingram, W. H., 106 N 3d, Phila., Pa.
Lotze's, A Sons & Co., 8th & Broadway, Cincinnati, O.
Majestic Mfg. Co., 2016 Morgan, St. Louis, Mo.
Miller, Wm., Range & Furnace Co., 125 E 5th, Cincinnati, O.
Montague, W. W. & Co. (Inc.), San Francisco, Cal., Los Angeles, Cal., & San Jose, Cal.
Osborn, J. M. & L. A. Co., 26 Viaduct, Cleveland, O.
Richardson & Boynton Co., 232 Water, New York, & 84 Lake, Chicago
Schill Bros. Co., Crestline, O.
Smith & Anthony Co., 48 Union, Boston, Mass.
Van, John, Range Co., 419 Elm, Cincinnati, O.
Walker & Pratt Mfg. Co., 31 Union, Boston, Mass. Works, Watertown, Mass.

Cooking Apparatus (Electric)

American Electrical Heater Co. (Heaters, Broilers, etc.), Detroit, Mich.
Dilge Mfg. & Trading Co. (Electric Knife Cleaners), 667 E 163d, New York, N. Y.
Hadaway Electric Heating & Engineering Co., 228 W. B'way, N. Y.
Simplex Electrical Co., 110 State, Boston, Mass.
United Electric Heating Co., Detroit, Mich.

Cooking Apparatus (Marine)

Webb, Elisha & Son (Also Lighting Apparatus). 43 S Water, Phila., Pa.

Coolers (Water)

Dover Stamping & Mfg. Co. (Galvanized Tank & "Dover" Wood Jacket), Cambridge, Mass.

Cooling Bosh (Glass Workers')

Caldwell, E. R. & Co., Bradford, Pa.

Copper (Battery)

(See Battery Coppers)

Copper Boilers

(See Boilers, Copper.)

Copper (Bolt & Bar)

Ansonia Brass & Copper Co., Ansonia, Conn., & 99 John, N. Y.
Baltimore Copper Smelting & Rolling Co., Keyser bldg, Baltimore, Md.
Coe Brass Mfg. Co., Torrington, Conn.
Crucible Steel Co. of America, Frick bldg, Pittsburg, Pa.; 64 S Clinton, Chicago, Ill., & 71 B'way, N. Y.
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Holmes, Booth & Haydens Co., 37 Park pl, N. Y., & Waterburg, Conn.
Hendricks Bros., 49 Cliff, N. Y.
Taunton-New Bedford Copper Co., New Bedford & Taunton, Mass.
United Metals Selling Co. (also Cakes), 11 B'way, N. Y.

Copper Bottoms

Ansonia Brass & Copper Co., Ansonio, Conn., & 99 John, N. Y.
Baltimore Copper Smelting & Rolling Mill Co., Keyser bldg, Baltimore, Md.
Chicago Brass Co., Kenosha, Wis.
Coe Brass Mfg. Co., Torrington, Conn.
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Taunton-New Bedford Copper Co., New Bedford & Taunton, Mass.

Copper (Braziers')

(See Copper Bottoms.)

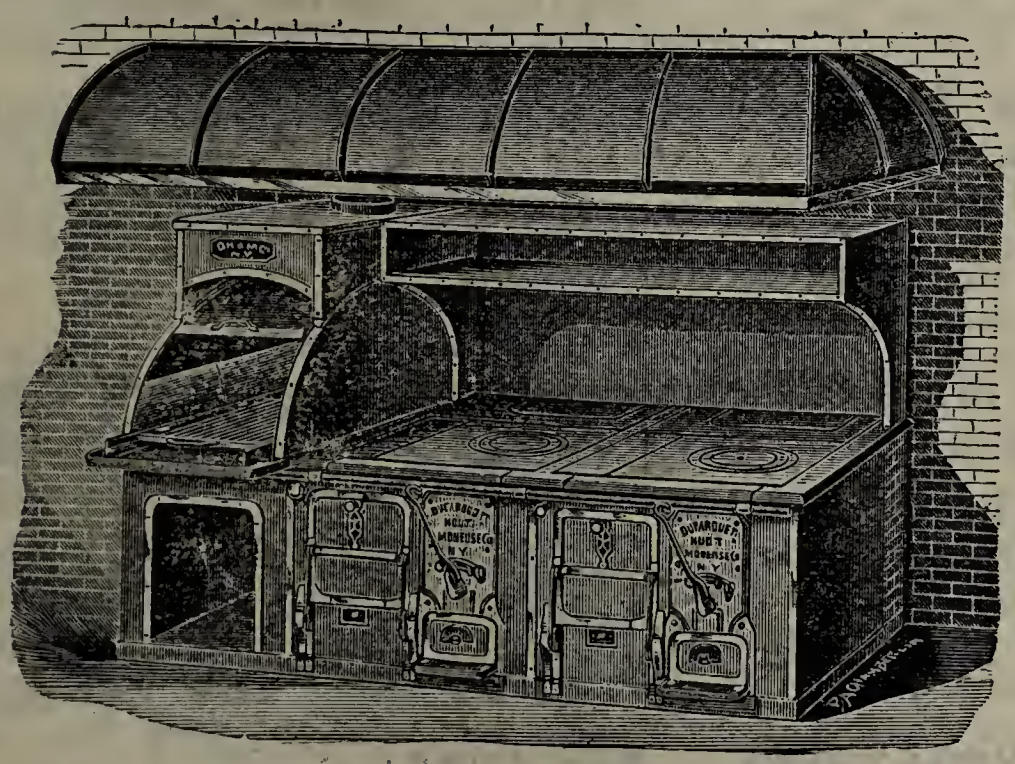
Copper Coils

Bay State Metal Works, Cambridgeport, Mass.
Harrisburg Pipe & Pipe Bending Co., Harrisburg, Pa.
Jochum, Andrew, 148 E 50th, N. Y.
Langsenkamp, Wm., Indianapolis, Ind.

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Copper Cornices

(See Cornices, Galvanized Iron.)

Copper Dealers, Sheet

(See Tin Plate, Metals, etc.)

Copper (Dynamo Brush)

Ansonia Brass & Copper Co., Ansonia, Conn., & 99 John, N. Y.
Baltimore Copper Smelting & Rolling Mill Co., Keyser bldg, Baltimore, Md.
Coe Brass Mfg. Co., Torrington, Conn.
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Eureka Tempered Copper Co., Northeast, Pa.,
Holmes, Booth & Haydens Co., Waterbury, Conn., & 37 Park pl, New York
Merchant & Co., (Inc.), 517 Arch, Phila., Pa.; 245 Water, N. Y.; Chicago, & 548 Flushing av, Brooklyn, N. Y.
Taunton-New Bedford Copper Co., New Bedford & Taunton, Mass.

Copper Fire Box Sheets

Baltimore Copper Smelting & Rolling Mill Co., Keyser bldg, Baltimore, Md.
Crucible Steel Co. of America, Frick bldg, Pittsburg, Pa.; 71 B'way, N. Y., & 64 S Clinton, Chicago, Ill.
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Hendricks Bros., 49 Cliff, N. Y.
Hussey, C. G. & Co., 2850 2d av, Pittsburg, Pa.
Taunton-New Bedford Copper Co., New Bedford & Taunton, Mass.

Copper for Commutator Bars

Ansonia Brass & Copper Co., Ansonia, Conn., & 99 John, N. Y.
Coe Brass Mfg. Co., Torrington, Conn.
Detroit Copper & Brass Rolling Mills, McKinstry av & Wabash R. R., Detroit, Mich.
Hendricks Bros., 49 Cliff, N. Y.
Holmes, Booth & Haydens Co., Waterbury, Conn., & 37 Park pl, N. Y.
Merchant & Co., (Inc.), 517 Arch, Phila., Pa.; 247 Water, N. Y., & 584 Flushing av., Brooklyn, N. Y.
Taunton-New Bedford Copper Co., New Bedford & Taunton, Mass.

Copper Ores, Mattes & Bullion.

Ajax Metal Co., 46 Richmond, Phila., Pa., & Birmingham, Ala.
American Metal Co., 52 B'way, N. Y.
Orford Copper Co., 43 Exchange pl
Tottenville Copper Co., Tottenville, N. Y.
Vogelstein, L, 90 Wall, N. Y.

Copper Plating of Iron

HECLA IRON WORKS, 118 N. 11th, Brooklyn, N. Y. (See adv. index, end of book)
JACKSON, WM. H. CO., 29 E. 17th (Union Square), N. Y. (See adv index, end of book)

Copper (Polished)

Taunton-New Bedford Copper Co., Taunton, Mass. & New Bedford, Mass.

Copper Refiners

American Smelting & Refining Co., 71 B'way, New York
Baltimore Copper Smelting & Rolling Mill Co., Keyser bldg, Baltimore, Md.
DeLamar Copper Refining Works, 96 Wall, New York
Raritan Copper Works, Perth Amboy, N. J.
Tottenville Copper Co. (Pig, Ore, Mattes, Scrap, etc.), Tottenville, N. Y.

Copper (Roll)

Baltimore Copper Smelting & Rolling Mill Co., Keyser bldg, Baltimore, Md.
Bridgeport Brass Co., Bridgeport, Conn, & 19 Murray, N. Y.
Chicago Brass Co., Kenosha, Wis.
Coe Brass Mfg. Co., Torrington, Conn.
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Holmes, Booth & Haydens Co., Waterbury, Conn., & 37 Park pl, N. Y.
HUNGERFORD, U. T. Brass & Copper Co., 497 Pearl, New York
Hussey, C. G. & Co., 2850 2d av, Pittsburg, Pa.
Waterbury Brass Co., Waterbury, Conn., & 122 Centre, N. Y.

Copper (Sheet)

(See Copper & Brass Sheet)

Copper (Silicon)

Cowles Electric Smelting & Aluminium Co., Lockport, N. Y.

Copper Sulphate

American Smelting & Refining Co., 71 B'way, New York
Arlington Copper Co., 2 Wall, N. Y. Works, Arlington, N.J.
Baltimore Copper Smelting & Rolling Mill Co., Keyser bldg, Baltimore, Md.

Copper Trolley Wire

(See Wire Trolley)

Copper Work (Dyers)

BADGER, E. B. & SONS CO., 63 Pitts, Boston, Mass. (See adv. index, end of book)

Copper & Brass Angles, Channels, etc.

(See Brass & Copper Angles, Channels, etc.)

Copper & Brass Bolts

(See Bolts, Brass & Copper.)

Copper & Brass Nails

(See Nails, Brass & Copper.)

Copper & Brass Rivets

(See Rivets, Brass & Copper.)

Copper & Brass Rods

(See Rods, Brass & Copper.)

Copper & Brass Screws

(See Screws, Brass & Copper.)

Copper & Brass (Sheet)

Ansonia Brass & Copper Co., Ansonia, Conn., & 99 John, N. Y.
Arlington Copper Co. (Sheet Copper, etc.), 2 Wall, N. Y. Works, Arlington, N. J.
Baltimore Copper Smelting & Rolling Co. (Copper Only), Keyser bldg, Baltimore, Md.
BENEDICT & BURNHAM MFG. CO., Waterbury, Conn.; 253 B'way, New York, 172 High, Boston, Mass. & 167 Lake, Chicago. (See adv. index, end of book)
Bridgeport Brass Co., Bridgeport, Conn., & 19 Murray, N. Y.
Bristol Brass Co. (Brass Only), Bristol, Conn. & 46 W B'way, New York
Chase Rolling Mill Co., Waterbury, Conn.
Chicago Brass Co., Kenosha, Wis.
Coe Brass Mfg. Co., Torrington, Conn.
Crucible Steel Co. of America (Copper Only), Frick bldg, Pittsburg, Pa.; 64 S. Clinton, Chicago, & 71 B'way, N. Y.
Detroit Copper & Brass Rolling Mills, McKinstry av & Wabash R. R., Detroit, Mich.
Hendricks Bros. (Copper Only), 59 Cliff, N. Y.
Holmes, Booth & Haydens Co., Waterbury, Conn.
HUNGERFORD, U. T. BRASS & COPper Co., 497 Pearl, N. Y.
Hussey, C. G. & Co., 2850 2d av., Pittsburg, Pa.
Manhattan Brass Co., 338 E 28th, N. Y.
Merchant & Co. (Inc.), 517 Arch, Phila.; 247 Water, N. Y; Chicago, & 584 Flushing av., Brooklyn, N. Y.
New Haven Copper Co. (Copper Only), Seymour, Conn., & 114 Chambers, N. Y.
New Jersey Tube Co., Harrison, N. J.
Park Steel Co. (Copper), Pittsburg, Pa., & 71 B'way, N. Y.
Plume & Atwood Mfg. Co. (Brass), Waterbury, Conn.
Randolph-Clowes Co., Waterbury, Conn.
Rome Brass & Copper Co., Rome, N. Y.; 100 William, N. Y.
Scovill Mfg. Co. (Brass Only), Waterbury, Conn.
Seymour Mfg. Co., Seymour, Conn.
Taunton-New Bedford Copper Co. (Yellow Metal Only), New Bedford & Taunton, Mass.
Waterbury Brass Co., Waterbury, Conn., & 122 Centre, N. Y.

Copper & Brass Tubes

(See Tubing, Brass & Copper.)

Copper & Brass Wire

(See Wire, Brass & Copper.)

Coppers (Tillery Canning)

Hull, J. S. Mfg. Co. ("Hull"), Baltimore, Md.
SPRAGUE CANNING MACHINERY Co., 42 River, Chicago, Il. (See adv. index, end of book)

Copying Books (Letter Press)

Whittlesey, Frank H. (Also Railroad Copying), Windsor Locks, Conn.

*Cordage (Braided)

(See also Sash Cords.)

BRODERICK & BASCOM ROPE CO., 809 N. Main, St. Louis, Mo., & 33 South, New York. (See adv. index, end of book)
CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
Charlotte Cordage Co., Charlotte, N. C.
Gould Wire Cord Co. (Braided Wire), Hudson, Mass.
Hoffman-Corr Mfg. Co., 107 Duane & 16 Thomas, New York; 413 Market, Phila. Pa.; 570 Loomis, Chicago, Ill., & 118 Bay, Toronto, Can. Factories, Phila. Pa., & Fitchburg, Mass.
Mallison Braided Cord, Co., Athens, Ga.
Pearce, Atkins & Co., Cincinnati, O
Robbins, O. A. Co., Charlotte, N. C.
SAMSON CORDAGE WORKS, 115 Congress, Boston, Mass. (See adv. index, end of book)
SILVER LAKE CO., 78 Chauncey, Boston, Mass. (See adv. index, end of book)
Tucker & Carter Rope Co., 176 Maiden Lane, New York. Factory, New London, N. C.

Cordage & Twine Mfrs.

See also Twines, Binder.
Also Rope Mfrs. of Various Kinds.

Allen, J. & S. (Cotton, Twines & Lines), Walpole, Mass.
American Mfg. Co., 63 Wall, N. Y.
Aransea Mfg. Co. (Flax Twine, etc.), Nicetown, Philadelphia, Pa.
Ashaway Line & Twine Mfg. Co., Ashaway, R. I.
Atkins & Pearce Mfg. Co., 5th & Eggleston av, Cincinnati, O.
Bailey, Christopher (Bag Rope & Twine), 811 Swanson, Philadelphia, Pa.
Bailey, Jno. T. & Co., S. Water & Morris, Phila. Pa.
Beaumont Mfg. Co., Spartanburg, S. C.
Bentley & Gerwig (Hemp & Flax Twine), New Brighton, Pa.
Boehme & Rauch Cordage Co. (Rope, Twine & Cordage), Monroe, Mich.
Bonte Cordage Co. (Jute & Hemp Twines), Hanover, Pa.
Boscanan Mills (Inc.) (Cotton, Cords & Twine), Penacook, N. H.
Boston Thread & Twine Co. (Twine), 178 Devonshire, Boston, Mass.
Bradley Cordage Co., Dayton, O.
BRODERICK & BASCOM ROPE CO., 809 N. Main, St. Louis, Mo., & 33 South, New York. (See adv. index, end of book)
California Cotton Mills Co. (Cotton Rope & Twine), Oakland, Cal.
California Jute Mill Co. (Jute Twine), 3 California, San Francisco, Cal.
CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
Central Mills Co. (Cotton Twine), Southbridge, Mass.
Charlotte Cordage Co., Charlotte, N. C.
Chelsea Jute Mills (Flax, Jute, etc.), 1155 Manhattan av, Brooklyn, N. Y.
Cleveland Cotton Mills Co. (Cotton Twine), Cleveland Mills, N. C.
Draper, W. H. & Son (Braided & Twisted Wire, Picture Cord & Cotton Twine, etc.), Troy, N. Y.
Easton Cordage Co. (Cordage), Easton, Pa.
Elder, Jas. (Cotton Cordage), 230 W. Coulter Gtn, Philadelphia, Pa.
Empire State Bag Co. (Flax & Jute), 742 Wythe av., Brooklyn, N. Y.
Estes, Jno. H. & Son (Twine), Fall River, Mass.
Fall River Twine Mfg. Co. (Cotton Harness, Twine & Thread), Fall River, Mass.
Fitler, Edwin H. Co., 22 N. Delaware av., Philadelphia, Pa.
Flocker, Jno. & Co. (Ltd.), 618 Liberty, Pittsburg, Pa.
Fogg, Geo. R. (Cordage & Linen Harness Twine), 3450 Gtn. av, Philadelphia, Pa.
Gates Line & Twine Co. (Twine), Canonchet, R. I.
Gloucester Net & Twine Co. (Cotton Twine), Gloucester, Mass.
Hoffman-Corr Mfg. Co., 107 Duane, & 16 Thomas, New York; 413 Market, Phila., Pa.; 570 Loomis, Chicago, Ill., & 118 Bay, Toronto, Can. Factories, Phila., Pa., & Fitchburg, Mass.
Jackson, Thos. & Son (Manilla, Sisal, Cotton & Jute Rope, Cordage & Twine), Reading, Pa.
Jacobs, Chas. M. Cordage Co., Neave bldg., Cincinnati, O.
Jacobs Cordage Co., Harriet & Budd, Cincinnati, O.
Kelly, R. A. Co. (Sisal, Manilla & New Zealand), Xenia, O.
Kentucky River Mills (Hemp Binder & Commercial Twines), Frankfort, Ky.
Lambert Rope Corporation (Cotton), New Bedford, Mass.
Lawrence Duck Co. (Cotton Twine), Lowell, Mass.
Meagher's, Jas. Sons (Jute or Flax Cordage), 327 28th, San Francisco, Cal.
Miamisburg Twine & Cordage Co., Miamisburg, O.
Missouri Cotton Batting Mfg Co., West Point, Mo.
New Bedford Cordage Co. (Hemp, Flax, Manilla & Sisal Rope & Twine), New Bedford, Mass.
Nicetown Cordage Co. (Hammock Twines, etc.), 18th & Gtn. av., Philadelphia, Pa.
Ohio Twine & Cordage Co. Xenia, O.
Overman & Schrader Cordage Co. (Jute, Hemp & Flax), Covington, Ky.
Paton, Wm. (Cotton Twine), North Grafton, Mass.
Pelham Mills (Thread & Twine), Pelham, Mass.
Planet Mills Mfg. Co. (Jute Twine, Rope, etc.), 335 Carroll, Brooklyn, N. Y.
Plymouth Cordage Co. (Cordage & Binder Twine), North Plymouth, Mass.
Portland Cordage Co. (Flax Cordage & Binder Twine), Portland, Oregon
Radcliffe & Shaw (Jute Twine & Rope), Glen Rock, Pa.
Rauchenberger, Jno. Co. (Sisal, Hemp & Flax Twine & Cordage & Hair Cord), Oshkosh, Wis.
SAMSON CORDAGE WORKS, 115 Congress, Boston, Mass. (See adv index, end of book)
San Quentin State Prison Jute Mill, San Quentin, Cal.
Schlichter Jute Cordage Co., 23 N. Front, Phila., Pa.
Sewell & Day Cordage Co. (Jute & Flax Cordage), 110 State, Boston, Mass.
SILVER LAKE CO. (Braided, etc.), 82 Chauncy, Boston, Mass. See adv. index, end of book)
Smith & Dove Mfg. Co. (Flax Twine), Andover, Mass.
Standard Rope & Twine Co. (Flax & Jute), 17 State, N. Y.
Small Bros. (Cotton Twine), Fall River, Mass.
Sun Mills Mfg Co. (Cotton Cordage & Twine), Fitchburg, Mass.
Tragle Cordage Co., Reading, Pa.
Travers Bros. Co., 41 Worth, N. Y.
Uhler & English, 106 N. Delaware, Philadelphia, Pa.
United States Cotton Duck Corporation (Cotton Twine), Continental Trust bldg, Baltimore,
Ware, Bruce R. & Co., 103 Bedford, Boston,
Willard Mfg. Co. (Cotton Twine), Williardville, N. C.
Yocona Cotton Mills (Inc.), Water Valley, Miss

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AMERICAN STEEL & WIRE CO., Rookery, Chicago, Ill.; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & San Francisco, Cal. (See adv. index, end of book)
Ansonia Electrical Co., Ansonia, Conn.
Bishop Gutta Percha Co., 422 E 25th. N. Y.
Brixey, Rich. DeW. ("Kerite"), 203 B'way, New York
Chicago Insulated Wire Co., 152 Lake, Chicago, Ill.
Eastern Electrical Cable Co., 61 Hampshire, Boston, Mass.
Holmes, Booth & Haydens Co., Waterbury, Conn., & 37 Park pl, N. Y.
Indiana Rubber & Insulated Wire Co., Jonesboro, Ind.
McEvoy, Chas. H. ("Duro"), Rock & Willis, Lowell, Mass.
Moore, Alfred F., 202 N 3d, Phila., Pa.
National India Rubber Co., Bristol, R. I., 253 B'way, N. Y., & Providence, R. I.
OKONITE CO., Ltd., 253 B'way, N. Y. (See adv. index, end of book)
Phillips Insulated Wire Co., Pawtucket, R. I.
Roebling's, John A. Sons Co., Trenton, N. J.; 117 Liberty, N. Y.; 171 Lake, Chicago, & San Francisco, Cal.
Safety Insulated Wire & Cable Co., 114 Liberty, N. Y.
Sprague Electric Co. (Steel Armored), 527 W. 34th, N. Y.
Standard Underground Cable Co., Westinghouse bldg, Pittsburg, Pa.; 56 Liberty, N. Y.; Betz bldg, Philadelphia, Pa.; "Rookery," Chicago, Ill.; 10 P. O., Boston, Mass., & Crossley bldg, San Francisco, Cal.
Western Electric Co., 259 S Clinton, Chicago, & 57 Bethune, N. Y.

Cords (Incandescent Lamp)

American Electrical Works, Providence, R. I.; 26 Cortlandt, New York, and 82 Lake, Chicago, Ill.
Bishop Gutta Percha Co., 422 E 25th, N. Y.
HAZARD MFG. CO., Wilkesbarre, Pa.; 50 Dey, New York; Conestoga bldg, Pittsburg, Pa., & 71 W Adams, Chicago, Ill. (See adv. index, end of book)
Moore, Alfred F., 202 N 3d, Phila., Pa.
Standard Underground Cable Co., Westinghouse bldg., Pittsburg, Pa.: 56 Liberty, New York; Betz bldg, Philadelphia, Pa.; "Rookery," Chicago, Ill.; 10 P. O., Boston.

Cords (Picture)

Draper, W. H. & Son, Troy, N. Y.
Ossawan Mills Co., Norwich, Conn.
WRIGHT WIRE CO. (Braised Wire), Worcester, Mass. (See adv. index, end of book)

Cords (Telephone & Switchboard)

American Electrical Works, Providence, R. I.; 26 Cortlandt, N. Y. & 82 Lake, Chicago, Ill.
Bishop Gutta Percha Co., 422 E 25th, N. Y.
McEvoy, Chas H. ("Duro"), Rock & Willis, Lowell, Mass.
Moore, Alfred F., 202 N 3d, Phila., Pa.
Standard Underground Cable Co., Westinghouse bldg, Pittsburg, Pa.; 56 Liberty, N. Y.; Betz bldg, Philadelphia, Pa.; Rookery, Chicago, Ill.; 10 P. O., Boston, Mass., & Crossley bldg, San Francisco, Cal.

Cords (Tinsel & Copper)

Bishop Gutta Percha Co., 422 E 25th, N. Y.
Moore, Alfred F., 202 N 3d, Phila., Pa.

Cords (Trolley, Arc Lamp & Bell)

CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
Gould Wire Cord Co., Hudson, Mass.
Hoffman-Corr Mfg. Co., 107 Duane, & 16 Thomas, New York; 413 Market, Phila., Pa.; 570 Loomis, Chicago, Ill., & 118 Bay, Toronto, Can. Factories, Phila., Pa., & Fitchburg, Mass.
Jacobs, Chas M., Cordage Co., Neave bldg, Cincinnati, O.
Jacobs Cordage Co., Harriet & Budd, Cincinnati,. O.
Littmann, I., Salisbury. N. C.
Mallison Braided Cord Co., Athens, Ga.
Pearce, Atkins & Co. (Sash, Bell & Signal Cords), cor Charles & Plum, Cincinnati, O.
Robbins, O. A. & Co., Charlotte. N. C.
SAMSON CORDAGE WORKS, 115 Congress, Boston, Mass. (See adv. index, end of book)
SILVER LAKE CO. (Braided), 82 Chauncy, Boston, Mass. (See adv. index, end of book)
Textile Mfg. Co., Rockingham, N. C.
Tucker & Carter Rope Co., 176 Maiden Lane, New York. Factory, New London, N. C.

Cork Carpets

American Linoleum Mfg. Co., 78 Worth, New York
Chicago Linoleum Co., Chicago, Ill.
Fan & Bailey Mfg. Co., Camden, N. J.
Nairn Linoleum Co., Kearney, N. J.
Potter, Thos., Sons & Co., 522 Arch, Phila., Pa.

Cork Covering Mfrs.

ARMSTRONG CORK CO., 23d & River, Pittsburg, Pa.
Nonpareil Cork Works, 80 Hudson, New York

Cork, Granulated, for Insulation.

ARMSTRONG CORK CO., 23d & River, Pittsburg, Pa.

Cork Mfrs.

ARMSTRONG CORK CO., 23d & River, Pittsburg, Pa.
Bruening Cork Co., Pittsburg, Pa.
Butz, A. L. Cork Co., 829 N. 3d, Philadelphia, Pa.
Cahn, Hugo & Co., 67 Murray, New York, N.Y.
Colgan, J. B., 675 Hudson, New York, N. Y.

Crown Cork & Seal Co., 1511 Guilford av., Baltimore, Md.
Excelsior Cork Cutting Co., 61 Market, Chicago, Ill.
Farrell, Wm. J., 115 Maiden Lane, New York, N. Y.
Goodwin Cork Co., Norwich, Conn.
Paddock Cork Co., 1209 De Kalb av, Brooklyn, N. Y.
Redlich Mfg. Co., 2 Oak, Chicago, Ill.
Williamsburg Cork Works, 57 Murray, New York, N. Y.

Cork Screws.

Erie Specialty Co. ("Walkers"), Erie, Pa.
Humason & Beckley Mfg. Co., New Britain, Conn.
Rockwell-Clough Co. (Wire), Alton, N. H.
Williamson, C. T. Wire Novelty Co. (Self-Acting Combination, also small Wire Cork-Screws), Newark, N. J.

Corn Hoppers (Wire)

Wickwire Bros., Cortland, N. Y.

Corn Husking Goods.

Boss Mfg. Co. (Gloves, Mittens, etc.), Kewanee, Ill.

Corn Planters

(See Planters, Corn.)

Corn Shellers

(See Shellers, Corn.)

Corner Bands for Cars

Davis Pressed Steel Co. (Pressed Steel), Wilmington, Del.

Corner, Base & Head Block Mfrs.

American Carving & Mfg. Co., Grand Rapids, Mich.
Crampton & Belden Mfg. Co. (Wholesale Mfrs.), Green Island, Troy P. O., N. Y.
Curtis Bros. & Co. (Wholesale Mfrs.), Clinton, Ia.
Curtis & Bartlett Co. (Wholesale Mfrs.), Lincoln, Neb.
Curtis & Yale Co. (Wholesale Mfrs.), Lumber Exch., Minneapolis, Minn., Milwaukee & Wausau, Wis.
Disbrow, M. A. & Co. (Wholesale Mfrs.), Lyons, Ia.
Foster-Munger Co. (For the Trade Only), W 20th & S Sagamon, Chicago
Fuller & Rice Lumber & Mfg. Co. (For the Trade Only), Grand Rapids, Mich.
Gauger, Jno. A. & Co. (for the trade only), W 22d & Laflin, Chicago
Gebhardt, J. F., 255 Cayler, Brooklyn, N. Y.
Gould Mfg. Co. (for the trade only), Oshkosh, Wis.
Harris & Cole Bros. (for the trade only), Cedar Falls, Ia., & Columbia, Tenn.
Lawrence, Newhall, Page & Co., Augusta, Me.
Lidell & Williams, 597 Austin av, Chicago, Ill.
McMillen, R. Co. (for the trade only), Oshkosh, Wis.
Morgan Co. (for the trade only), Oshkosh, Wis., & W 22d & S Union, Chicago
New York Carved Moulding Co., 771 1st av, N. Y.
Paine Lumber Co. (for the trade only), Oshkosh, Wis., & 1 Madison av, N. Y.
Palmer, Fuller & Co. (for the trade only), 2244 Lumber, Chicago
Pierce, W. E. & Co., Milford, N. H.
Radford Sash & Door Co. (for the trade only), 192 W 22d, Chicago
Roberts, E. L. & Co. (for the trade only), W 22d & Union pl, Chicago
Rock Island Sash & Door Works (Wholesale Mfrs.), Rock Island, Ill.
Stearns, A. T. Lumber Co., Neponset, Mass., & 166 Devonshire, Boston, Mass
Stearns, J. S., Bennett, Mich.
Waddell Mfg. Co., Grand Rapids, Mich.
Zimmerman, Chas. E., 204 Burnet av, Syracuse, N. Y.

Corner Beads (Plastering)

(See Plasterers' Steel Corner Plates.)

Corner Posts & Transom Bars.

Coulson, J. W. & Co. (For Plate Glass Windows), Columbus, O.

Cornice Brakes.

Double Truss Cornice Brake Co., 37 Chandler, Buffalo, N. Y.
Dreis & Krump ("O. K."), 3216 S. Halstead, Chicago, Ill.
Peck, Stow & Wilcox Co., 27 Murray, N. Y. & Southington, Conn.
Poorman Mfg. Co., Piqua, O.
Robinson, J. M. Mfg. Co. (Improved Double Eccentric), 62 Central av, Cincinnati, O.

Cornice Copper Mfrs.

(See Copper & Brass Sheet.)

Cornice Makers' Machinery

(See Machinery, Cornice Makers'.)

Cornices (Galvanized Iron, Etc.)

ALABAMA.

ANNISTON—Anniston Supply Co.
BESSEMER—Bessemer Cornice Works
BIRMINGHAM—East Birmingham Iron Roofing & Corrugating Co.
Spiro, S., 1920 3d
Wheelock, George F. Co., 107 S 21st
DECATUR—Brown, W. A.
GADSDEN—Agricola, Otto
MOBILE—Partridge, C. S. Hardware Co.
NEW DECATUR—Decatur Cornice & Roofing Co.
OPELIKA—Galbraith, J. F.
Galbraith, W. A.
TALLADEGA—Michael Supply Co.
UNIONTOWN—Brown, Jas. J.

ARIZONA.

PHOENIX—Burtis, D. H.
Thoman, A. J.
TUCSON—Gardiner, Worthen & Goss Co.

ARKANSAS.

FORT SMITH—Fort Smith Cornice & Plumbing Co., 16 N 5th
Thomas, E. A.
HELENA—Helena Job Works
LITTLE ROCK—Fones Bros. Hdw. Co., 200 Main
Foster Hdw. Co., 301 Main
McCardell Bros., 522 Center
Robinson, J. K. & Co., 108 E 4th
MARIANNA—Plummer & Davis
PINE BLUFF—Dellmon, Jno. H., Jr.
Fox Bros. Hdw. Co., 202 Main

CALIFORNIA.

FRESNO—Barrett-Hicks Co.
Kutner-Goldstein Co.
LOS ANGELES—Booth, O. H.
Booth & Steffen
Bruce, T. P., 760 W 6th
California Cornice Works, 723 N. Main.
Ehrhardt, Chas. A., 230 E 4th
Pico Cornice Works, 2948 W. Pico
Quinn, E. L., 347 Central av
Stein, S. H., 2309 Hoover
Union Cornice Works, 526 Los Angeles
PASADENA—Dunn, W. H., 26 W. Union
POMONA—Caldwell, B. F.
REDLANDS—Worthing, S. A. & Co.
RIVERSIDE—Copley Bros.
McCormick & Ormand
Shiels, John & Sons
SACRAMENTO—Earle, Edw. E.
Scott, Lyman & Stack Co.
Sinclair & Bessey
Stobers Bros. & Mahoney
SALINAS—Anderson & Dougherty
SAN FRANCISCO—Conlin & Roberts, 928 Howard
Cronan's Eagle Cornice Works, 30 8th
Forderer Cornice Works, 8 Natoma
Guilfoy Cornice Works, 1187 Howard
Heidt, W., Cornice Works, 224 Mission
San Francisco Cornice Co., 200 Florida
SAN JOSE—Mangrum & Otter Co.
SANTA ANA—Nickey, F. P. Hardware Co.
SANTA BARBARA—Boeseke-Dawe Co.
Booth, R. L.
Ott Hardware Co.
SANTA CRUZ—Byrne Bros.
SANTA MARIA—Bryant & Trott
STOCKTON—Jackson & Earle

COLORADO.

ALAMOSA—Spriesterbach Hdw. Co.
COLORADO SPRINGS—Engle, Fred
Taylor, Chas. E.
DENVER—Crosta, C. A. & Bro., 1830 Market.
Denver Sheet Metal Works, 1242 11th
Fair, Chas. W. Cornice Work Co., 1809 Blake
Globe Cornice & Heating Co., 756 B'way
Kessler, Fred, 2708 Larimer
Lewis & Hind, 18 E. 2d av
Rocky Mountain Cornice Works, 1830 Market
Wahlgren, Jno. A., 1933 Curtis
FLORENCE—Smith, O. D.
Wilson, George, Hdw. & Supply Co.
GLENWOOD SPRINGS—Dougan, Wm.
OURAY—Arps Bros. Hdw. Co.
PUEBLO—Klein, Henry
TRINIDAD—Branson & Griswold Hdw Co.
Brown, H. B. & Co.

CONNECTICUT.

BRIDGEPORT—Beutelspacher, Henry, 192 Middle
DROUVE, G., CO. (Sheet Metal, Copper, Galv. Iron, etc.). 40 Tulip. (See adv. index, end of book)
Hurley & Doherty, 606 E. Main
Kirk, W. P. Co., 235 Middle
Middlebrook & Goulden, 40 Court
Mills, L. H., 28 Middle
Reilly, J. J. Jr., 283 State
Schwing, Jno. Corp., 236 Stratford av
HARTFORD—Beseman & Bostwick, 44 Ann
Stelling, Fred. W., 93 Franklin
MERIDEN—Griswold, Richmond & Glock Co., 2 W Main
NAUGATUCK—Page, Jno. M. & Co.
NEW HAVEN—Bradley Co., 158 Orange
Buckingham, Routh Co., 83 Court
Corbett, T. W., 29 B'way
Curtiss & Pierpont Co., 272 Elm
Perry, Harry M., 218 George
Rourke Bros., 834 Grand av
Sheahan & Groark, 285 State
NORWICH—Gibson, S. F., 55 W. Main
Lyon, L. H., 21 Chestnut
PUTNAM—Chandler & Morse
Field, N. W. & Co.
Kenyon, R. L.
Perry & Brown
S. MANCHESTER—Ferris Bros.
STAMFORD—Begent, Lynch & Swayze Co.
Horan, J. J., 102 W 5th
WATERBURY—Barlow Bros. Co., 65 Grand
Disley, Wm. T. Co., 276 Bank
Weyland, Henry, 22 Jeff'n
WATERTOWN—Suffa, Jos.
WOODBURY—Hitchcock, F. F.

DELAWARE.

WILMINGTON—Wilmington Cornice Works, 11th & West

DISTRICT OF COLUMBIA.

WASHINGTON—Beck, J. F., 425 K, N. W.
Giclas, H. J., 117 4th, N. W.
Giclas, Louis, 502 K, N W
Hulse, Edgar J., 321 13th, N W
Stockstill, D. W., 215 12th, N. W.
Whyte, W. M., 304 13th, N W
Wolfsteiner, O. L. & Co., 1315 W, N. W.

FLORIDA.

JACKSONVILLE—Ballau, Geo. F.
Ivers, W. F. & Sons
Macy & Johnson
Stafford & Ward Co.
PENSACOLA—Vetter, C. B.
SANFIRD—Fernald, Geo. H. Co.
Hill, A. E.
TAMPA—Bethel, H. L.

GEORGIA.

AMERICUS—Schroeder, W. H. R.
ATLANTA—Dowman Dozier Mfg. Co.
Franklin Plhg & Tinning Co., 121 Whitehall
Hunnicutt, J. E. & Co., 60 N. Broad
Warlick & Kennedy Co., 183 Edgewood av
Southern Roofing Co., Belt Line nr Van Winkle's
AUGUSTA—Slusky, David
Smythe, Frank
BRUNSWICK—Baker, A. H.
Daniels, Moses
COLUMBUS—Russell, J. C.
Sheridan, Geo. W.
MACON—Eden & Rogers Co., 159 Cotton av
Suber's, S. M. Son
ROME—Hanson, F. Supply Co.
SAVANNAH—Cotton, P. H., 541 Bay, E.
Cox. C. A., 142 Barnard
Hahne, Frank, 212 Drayton
Pacetti, E. C. & Son, 140 Whitaker

IDAHO.

BOISE—Idaho Hdw. & Plumhing Co. (Ltd.)

ILLINOIS.

ALTON—Degenhardt, A. J.
Eckhard, C.
AURORA—Kendall, Jno. W. & Son
Messenger & Parks
BATAVIA—U. S. Wind Eng. & Pump Co.
BELLEVILLE—Lebkencher, L.
BLOOMINGTON—Butler, Harry
Muhl, F. C.
Read, G. H. & Bro.
BLUE ISLAND—Schreiber Bros.
Vandenberg & Pronger
BOWEN—Walty, Albert
CAIRO—Morris, J. W.
CHAMPAIGN—Mollett, Chas.
Ver Haar, Jno.
CHICAGO—Allen's Corniee & Corrugating Wks., 424 W Randolph
Armbruster, Louis, 767 Lineoln av
BERGER MFG. CO., 23 Lake. (See adv. index, end of book)
Bohnett & Brown, 4324 Cottage Grove av
Bremer & Bielenberg, 1136 W 13th
Burkhardt, G. Mfg. Co., 940 N Clark
Clasen Bros., 2050 Areher av
Cooper, A. W. & Co., 703 W Lake
Daly, Dennis H., 755 Ogden av
Deseazaux, Bertrand, 1752 W 22d
Douglas, Edw. C. & Co., 3370 S. Park av
Elke, Otto, 1150 W. 63d
Eriekson, John T., 4430 La Salle
Farwell Cornice Co., 145 La Salle
Forsman, John A., 441 W. 58th
Geiser, J. August, 845 W Chicago av
Glatt, Jaeob, 517 Dickens av
Gnuske, Chas. R., 9117 Commercial av
Graehke, Fred C. & Co., 623 Sheffield av
Haefele, C. J., 4831 State
Hamer Fred, 75 North av
Hempel, Max, 282 92d
Hendle, Nieholas, 450 Roscoe
Herdilcka Bros., 970 S Troy
Herman, L. C., 304 W Vanburen
Herr, Wm., 610 W 15th
Hirsch, K., 559 N Wood
Holzwarth, A., 1339 Wellington
Jaeger, Fredk J., 571 W 17th
Jensen, Celia E., 97 Pierce av
Jensen, Hans, 531 37th
Jesehka, Edw. S., 1482 N Maplewood av
KNISELY, H. C. CO., 273 S. Canal. (See adv. index, end of book)
Knisely Bros., 28th pl & 5th av
Krautwurm, Wm., 636 S Union
Krefting, Edw., 119 W Vanburen
Kreuser, Robt., 378 N Hamlin av
Kuder, Chas. V. Co., 5315 Wentworth av
Lang, Wm., 300 Warsaw av
Lengacher, Wm. & Co., 256 Larahee
Liddle, Robt., 2645 State
McFARLAND, J. C. & CO., 5th av & 27th. (See adv. index, end of book)
Mellroy-Jennings Cornice Works, 1519 State
McIver, Evander, 3251 Cottage Grove av
Masterton, Albert E., 9140 Houston av
Meisel, Ferdinand, 634 N. Halsted
Mersch, Chas. A., 48 Mohawk
Miehels, C. N., 1218 Bryn Mawr av
MILLER, JAS. A. & BRO., 129 S Clinton. (See adv. index, end of book)
Monroe, John F., 453 Humboldt av
Monroe, Wm. E., 2356 Eberly av
Mueller, Henry, 746 W 14th pl
Perkinson & Brown, 749 W Lake
Peter, John, 632 N Wood
Purdy & Cauhle, 6310 Wallaee
Rehling, K. J., 4525 State
Rek, Ferdinand, 502 W 25th
Rychtik, Frank, 673 W. 21st
Ryehtik, Jos., 582 Throop
Rysdon, E. A. & Co., 629 W. 41st
Schaeffer, Wm. E., 1020 S Central Park av
Schneider & Meng, 320 Clybourn av
Sehwedland, Rudoiph, 2803 S Halstead
Slavik, Frank, 635 Ogden av
Slavik & Co., 425 Blue Island av
Smith, Jno. & Co., 1344 W 22d
Smreka, W. J. & Bro., 251 E 25th pl
Spaltenstein, Henry, 120 Newberry av
Spiess, Edw., 76 Orehard
Staar, Frank, 973 N Halstead
SYKES STEEL ROOFING CO. (also Copper), 606 S Morgan. (See adv. index, end of book)
Trede, Edw. J., 1447 W. Division
Universal Cornice Works, 970 S Troy
Vallas, Wm. H., 1225 W. Lake
Voightmann, Frank Cornice Co., 129 N. Franklin
Voightmann & Co., 125 Ontario
Wagner Bros., 1350 Diversey boul.
Wales, Jos., 518 Blue Island av
Warner, Rush K., 93 W Harrison
Wawrecka, Adolph, 505 S. Lincoln
Welin, Andrew J., 4742 State
Williams, Owen R., 1716 Wahash av
Zakrzewsky, Herman, 378 W. Belmont av
DANVILLE—Balsley & Dettman
King Bros.
Koons, Wm. U.
DECATUR—Stewart, W. H.
DE KALB—Smith, C. F.
Rodman & Anderson
Sheets & Knodle Co.
EAST ST. LOUIS—Barbour Hdw. Co.
East St. Louis Hardware Co.
Gutwald & Finn
Haines, O. J. & Son
Jordan, F. B.
Mauer, Chas.
EDINBURG—Ballet, Jacob
GALESBURG—Galesburg Cornice Works
Rearick, F. H. & Son
HIGHLAND PARK—Purdy, D. C. & Sons
HOOPESTON—Werner, E. B.
JACKSONVILLE—Brennan, J. F.
Hubsch, F. W.
KANKAKEE—Blatchford, J. R.
Reuter, Henry
LA SALLE—Camenish Bros.
LEBANON—Sager, C. H. Hdw. Co.
LINCOLN—Dehner, J. E. & Sons
MATTOON—Mattoon Slate & Cornice Co.
Webber & Hershey
MENDOTA—Hoffman & Witigan
Edwards Hdw. Co.
MOLINE—Reid & Witter, 1504 3d av
Sammel, Wm. B., 1322 4th av
MONTICELLO—Harris, H. P.
MORRIS—Cronin Bros.
MURPHYSBORO—Stoezle, Jno.
OLNEY—Jolly, J. B. & J. F.
ONARGA—Amerman, M. T.
OTTAWA—Smeeton, Henry, 107 Main
Walter, Jno.
PANA—Lohr & Paul
PEORIA—Aylward, R. C., 916 N Adams
Hunter & Strehlow, 114 S Adams
Johnson, Chas. Hdw. Co., 2023 S. Adams
Kellarstrause & Hierspiel, 1926 S. Adams
Meyer, F. & Bros. Co., 1315 S Adams
Sandmeyer, H. & Co., 215 S Adams
Tammen, Jno. S., 3105 N. Adams
Wilson, R. L. & Co., 3017 S. Adams
PLANO—Sears, A. H. & Co.
Stahlle, Henry
QUINCY—Berghofer & Ohnemus
Brosi, F. T. Co., 122 S 5th
Fortkamp & Winking
ROCKFORD—Drake Hdw. Co.
Martin, A. & Co.
McGuire Bros.
ROCK ISLAND—Allen, Meyers & Co.
Bertelsen, John, 523 22d
Siemon, Henry T., 1416 3d av
RUSHVILLE—Hartman, Geo.
SPRINGFIELD—Armstrong, John D.
Henson, Robinson Co.
Lauterhach, Peter
Neuman, J. C.
STERLING—Taylor, F. R. & Co.
STREATOR—Alband, John.
Howe, L. D.
Jones, J. H. & Son
McCoy, Otis H.
Powers & Williams
SYCAMORE—Forward, W. M. Co.
Ohlmacher & Root
Wiseman, G. B.
URBANA—Green, Jesse D.
WAUKEGAN—Melody, W. A.
Watrous, G. B. & Son

INDIANA.

ANDERSON—McBrian, Edw.
COLUMBUS—Brooks Bros.
CONNERSVILLE—Cain, Hy.
Devor, Wm.
CRAWFORDSVILLE—Watson, Jas. H. (Est. of)
ELKHART—Borneman & Sons
Garvin & Co.
ELWOOD—Dawson, T. J.
Havens & Haskett
Taylor & Sons
EVANSVILLE—Attinger, Wm. F.
Groeninger, J. J. & Co., 400 L. 2d
Lohse, H. & Co., 7 2d av
Mesker, Geo. L. & Co., 100 L. 1st
Schminke, H. Co.
FORT WAYNE—Gerding & Aumann Bros., 115 Wallace
Gunkel & Son, 38 Swinney av
Welch, J. H. & Sons, 190 Calhoun
GOSHEN—Manrow, W. & Son
GREENFIELD—Banks, A. J. & Son
HUNTINGTON—Bridge & Weese
Hewitt, E. G.
Hammond Cornice Works
INDIANAPOLIS—Abel & Doyle, 229 Indiana av
Ensey, Orvis B., eor 15th & Illinois
Gardner, Joseph, 37 Kentucky av
Harmon & Hall, 137 W. Wash.
Humphreys & Sargent, 124 E. Court
Indianapolis Steel Roofing & C. Co., 25 E South
McWorkman, Willard, State Life hldg
Off, Christian & Co., 434 E. Wash.
Pursell, P. M. Mfg. Co., 802 Beecher
LAFAYETTE—Co-Operative Tin Shop.
Howe & Shipley
Mertz-Neuman Co.
Sehimelpfenig, C.
Westfall, Moore Co.
LA PORTE—Decker Bros.
LAWRENCEBURGH—Stuher, F. & Son
LOGANSPORT—Eberlein, C. Augustus, 518 B'way
Flanegin, Jno. F., 310 Market
MADISON—Adams, John
Eekert, John.
Hoffman & Quinn
MARION—Beshore, Chas.
Hegarty, M. F.
Hollinger, M. G. & Co.
Swanger & McClain
Whisler Hardware Co.
MICHIGAN CITY—Bartholomew & Co.
Stiger Hdw. Co.
MISHAWAKA—Distler, John C.
Lang, O. E. & Co.
Swanger, John, Jr.
MT. VERNON—Schenck, E. B. Hdw. Co.
MUNCIE—Ballard, W. H.
Doyle, Thos. F.
Cook & Miller
Wells, A. T.
NEW CASTLE—Carpenter & Henley
Shriner, James C.
Webster, D.

NO. MANCHESTER—Lockwood, J. B.
PERU—Picard, Chas. L.
RICHMOND—Johaning, C. H.
Johnsoin & Roland
Schultz & Laning
Zeller, Joseph S.
RUSHVILLE—Beale, John S.
SEYMOUR—Cordes Hdw. Co.
SHELBYVILLE—Brown & Boehming
Howard, L.
Pearson, J. C. & S.
SOUTH BEND—Lauber & Weiss
Meyer, G. E. & Son
TERRE HAUTE—Freitag, Weinhhardt & Co.
Moore, J. T., 725 Wabash av
Smith, C. C. Sons Co., 303 Wabash av
Terre Haute Stove & Furnace Co., 658 Wabash av
VALPARAISO—Patrick, J. H. & Son
VINCENNES—Vincennes Galvanized Works
WARSAW—Herrin, E. M.
Neff, H. T.
WASHINGTON—Carnahan, M. J. Co.
Walter, E. C.

IOWA.

ALBIA—Barger, C. S.
ALGONA—Robinson, J. W.
AUDUBON—Hoover, G. W.
McKarahan, J. M.
Reinemund, Jno. Jr.
BOONE—Noland, L. C.
BURLINGTON—Brand, Wm.
Forney, J. H.
Haffner, Chas.
Hillen, C. F.
CEDAR RAPIDS—Cedar Rapids Cornice Works
Grissel, J. P. Cornice Co.
Wagner, C. De Witt
CHARITON—Bussell & Bros.
Emsley, G. W.
Larimer, H. H.
CLINTON—Armstrong, C. E. & Co.
COUNCIL BLUFFS—Amy, W. S.
Grahl, Petersen Co.
Swain & Maurer
CRESTON—Creston Cornice Works
DAVENPORT—Reimers, P. A., 312 W3d
DES MOINES—Backman, J. A., 524 E. Grand av
Fischer Bros., 714 Locust
St. John & Barquist, 412 8th
Steel Roofing & Stamping Works, 506 Jefferson, S. D. M.
DUBUQUE—Klauer Mfg. Co.
Lally & Geisler
Ris, J. F. & Bro.
ELDORA—Stauffer, Chas. F.
GRINNELL—Miles, G. L.
HARTLEY—Messer, E. B. & Son
Smith, S. A.
HUMBOLDT—Ward, C. E.
INDEPENDENCE—Plane, I. C.
IOWA CITY—Maresh Bros.
KEOKUK—Geiger, Aug.
Inman, Geo. W.
Seither & Cherry Co.
LYONS—Parker, G. W.
MASON CITY—Midland Sheet Metal & Cornice Works
MUSCATINE—McQuesten & Sawyer Co.
Thompson Bros.
NEW HAMPTON—Garmen & Forkenbock
Ure, E. J.
OSKALOOSA—Hamilton Messenger Co.
Stewart, S. J.
Wells & Watts, 108 North
OTTUMWA—Harper & McIntire Co.
Haw & Simmons Co.
McCarroll Bros.
SIOUX CITY—Eidt, Julius
Hamlett & Son
STATE CENTRE—Schilling Bros.
McMahon, J. L.
STORM LAKE—Nattress, Egy & Son
VINTON—Vinton Steel Works
WATERLOO—Kentzelman, I. M.
Taft, C. W.
Waterloo Mfg. Co.
WOODBINE—Young & Sweet

KANSAS.

ATCHISON—Atchison Cornice Works
Klostermeir Bros.
Walcott, H. C.
Weinmann, C. F.
CONCORDIA—Belisle, E. A.
JUNCTION CITY—Muenzenmayer, J. J. & W. F.
KANSAS CITY—Kastner & Smith, 505 Minn. av
Steele, H. G. Furnace Co., 433 Minn. av
LEAVENWORTH—Endres, J. A. & Son
Hoffman, S. C.
Naeher, Thos.
Russell, Geo. E.
NEWTON—Bergh, Wm.
Follett, G. R. & Co.
OTTAWA—Elder, A. P.
PARSONS—Steele Hdw. Co.
PITTSBURG—Beasley & Miller
SALINA—Kastner Bros.
TOPEKA—Baird, John M., 216 W 6th av
Forbes, D. H., 616 Kansas av
Nussbeck, John G., 306 Kansas av
Stanton, S., 205 W 6th
Van Dorp, L., 828 Kansas av
Wolf Bros. & Cole, 114 E 6th av
WICHITA—Wichita & Eagle Cornice Works
Wilkie, Geo. W.

KENTUCKY.

ASHLAND—Coburn, S.
Phelps, Frank K.
CARROLLTON—Carrollton Roofing & Tinning Co.
Salyers, C. D.
CATLETTSBURGH—Ely, Chas. W.
COVINGTON—Brumen, Wm. B., 516 Pike
Glaser, Wm. A. Roofing & Cornice Co., 1902 Madison av
Gottschalk, F. S., 72 Pike
Hesselman & Wahle, 9 Pike
Hoelscher, J. A., 169 Pike
Rasch, C. F., 1113 Madison av
Snyder, W. G. Co., 11 Pike
DAYTON—Poos, John
FRANKFORT—Miller, Geo. W.
LEXINGTON—Bitterman, D. & Son, 80 W Main
Cholvin, J. C.
LOUISVILLE—Heartick, E. G., 1308 Preston
Louisville Cornice, Roofing & Heating Co., 730 W. Jeff.
Smith, Geo. L., 108 E Green
Wagner, J. F. & Sons, 1375 7th
LUDLOW—Schmidt, Julius
Wulff, W. C. & Co., 603 E. Jefferson
MAYSVILLE—Leonard & Lally
McClanahan & Shea
Rasp, H. W.
NEWPORT—Rust, Lawrence & Son, 909 Monmouth
OWENSBORO—Guenther, W. A. & Sons
PADUCAH—Davis, G. R. & Bro.
Maret, J. C.

LOUISIANA.

MONROE—Sanders, John G.
NEW IBERIA—Ribbeck Mfg. Co.
NEW ORLEANS—Gulf Galvanizing & Metal Works, 1229 Carondelet
New Orleans Roofing & Metal Works (A. S. White), 926 Lafayette
SHREVEPORT—Adams & Son
Bain, H. H.
Bender & Newman
Davenport, P. N.
Quarles, C. B.

MAINE.

AUGUSTA—Malcolm & Dyer, 159 Water
Taber, Carey & Reid, 269 Water
Ward, A. D., 195 Water
BANGOR—Clement & Brown Mfg. Co., 201 Exchange
Gould, J. P., 242 Essex
Leighton, Davenport & Co., 158 Exchange
BATH—Rogers, C. W.
Watson, W. H.
Winslow, J. A. & Son
BELFAST—Mitchell & Trussell
Stickney, R. P.
Wright & Hall
BIDDEFORD—Anthoine, Geo. A.
Ham & Anthoine
Lowell, John B.
BRUNSWICK—Ridley & Eaton
EASTPORT—Hinkley & Co.
Martin, E. S.
Spates, Jno. W.
Spates, Wm. T.
ELLSWORTH—Aiken, F. B.
LEWISTON—Goss, A. L. & E. F.
Lemont, C. D.
Stetson, Jos. H. Co.
MACHIAS—Crane Bros.
MECHANIC FALLS—Hawkes & Whitney
NEWPORT—Deering, R. A. & Son
NORWAY—Crooker, J. O.
Leavitt, W. C.
OLD ORCHARD—Duff, J. W. Co.
PORTLAND—Hollivan & Parker, 54 Cross
Hutchinson & Cain, 438½ Fore
McBrady, Jno. E. & Son
Nash, F. & C. B. Co., 386 Fore
Nash, O. M. & D. W., 6 Exchange
Scott, Wm. H. Co., 33 Union
ROCKLAND—Sleeper Bros.
SANFORD—Huff, Geo. W.
SKOWHEGAN—Heald, F. G. & Co.
Ross, C. A.
Steward Htg. & Plbg Co.
Wood, F. A.
WALDSBORO—Curtis, C. H.
Richards Bros.

MARYLAND.

BALTIMORE—Bartlett, Hayward & Co., Continental Trust bldg
Fingles, W. A., 2115 Madison av
Fitzberger, John, 209 Park av
Hetzel, John G. & Son, 225 N Howard
Kohlhepp, Anthony, 404 N. Howard
Lenderking, P. H., Jr., 203 W. Pratt
LUPTON'S, DAVID, SONS CO., 216 Calvert. (See adv. index, end of book)
Northwestern Cornice Works, 1500 Pa. av
McDermott, Wm. T., 427 N High
Mills, E. & Sons, 8 E Lexington
St. Paul Roofing, Cornice & Ornamental Co.
Schultz & Ellis, 1246 Jackson
Vaile & Young, 216 N Calvert
Vollenweider, J., 1506 Penna. av
Ward, Wilbur F., 20 W. Pratt
Wilhelm, J. Frank, 748 Penna. av
Zimmers, A. M., 1808 Frederick av
EASTON—Hartnett, W. J.
HAGERSTOWN—Danzer Metal Works
ROCKVILLE—Viett, Henry
REISTERTOWN—Brown, J. V.
SALISBURY—Dorman & Smyth Hdw. Co.
Gunby, L. W.

MASSACHUSETTS.

ASHLAND—Enslin, Franklin & Co.
ATTLEBORO—Gifford, J W. Co.
BOSTON—Anderson, C. & Co., 41 Way
BADGER, E. B. & SONS CO. (Also Copper), 65 Pitts. (See adv. index, end of book)
BERGER MFG. CO., 176 Federal. (See adv. index, end of book)
Buchanan, Geo. J, 424 Atlantic av
Eagle Cornice & Skylight Works, 192 Charles
Feeney, John, 15 N Grove
Finkelstein, M., 37 Spring
Forrest Alfred W., 464 Harrison av
Gulesian, M. H. Co., 14 Waltham
Harrigan, J. & Son, 111 Liverpool
Hicks, S. D. & Son, 17 Bowker
Kahman, Joseph, 152 Chelsea, E. B.
Lamont, J. G., 30 Beverly
Marley Bros., 19 Wareham
Pemble, Fred, 206 Ruggles
Pempel, Geo. C., 27 Eustis
Raymond, J. B. Co., 48 India
Smith, A. & Co., 162 1st
Union Cornice Co., 7½ Appleton
Van Noorden, E. Co., 944 Massachusetts av
BRAINTREE—Bates, Jos. I.
BRAINTREE—Bates, Frank A.
BROCKTON—Carr, J. E. & Co.
CAMBRIDGE—Ames & Ginty
Douglass, George, 266 Prospect
Sheehan, M. J., 55 Green
Smith, A. & Co., 162 First
CAMBRIDGEPORT—(See Cambridge)
CHICOPEE FALLS—Enright, P. J.
CLINTON—Maitland, Robert & Son
FAIRHAVEN—Delano, C. F.
Forrest, E. W.
FALL RIVER—Fall River Sheet Metal & Cornice Works
Hughes, James T., 140 3d
Morin, Joseph, 389 2d
Wilcox, D. T., Jr., 46 Granite
FITCHBURG—Jennison Plumbing Co., 119 Main
Sullivan, John H.
GARDNER—Curtis, H. O. & Co.
HOLYOKE—Friedrich, E. H., 510 Main
Holyoke Roofing Works
Kennedy & Sullivan Mfg. Co., 75 Main

HUDSON—Clare, J. P. & Son
Glines, Mrs. G. Fred
LAWRENCE—Forbes, Wm. & Sons, 450 Essex
LEOMINSTER—Burrage, H. E. & Co.
LOWELL—Costello, T. & Co. 211 Central
Cushing, D. & Co., 398 Middlesex
Hanchett & Co., 320 Middlesex
Mack, W. A. & Co., 25 Shattuck
Wilder, H. H. & Co., 29 Market
MALDEN—West, Alonzo A.
MANCHESTER—Beaton, D. T.
Carter, J. W.
MANSFIELD—Hayhurst, Robert
MARLBORO—Hall, G. R. & Co.
Hill, W. H., 114 Main
MELROSE—Brock Bros.
METHUEN—Sanborn Furnace Co.
NEW BEDFORD—Sherman, J. H.
Knowles, Abram
Wood, Brightman & Co.
PEABODY—Norton, George R. & Co.
PITTSFIELD—Backus, W. G. Sons
ROCKPORT—Smith, L. E.
SALEM—Dean, J. F.
SOMERVILLE—Parsons, Joseph E.
SOUTHBRIDGE—Winter, G. C.
SOUTH HADLEY FALLS—Moriaty Bros.
SPRINGFIELD—Atwater, E. C. & Co., 21 Taylor
Beebe, N. S., 17 Florida
Estabrook, Geo. R., 146 State
Hampden Cornice Works, 137 State
Hawes & Gray, 137 State
Kirkham, J. Stuart, 140 State
Munsell, E. W. & Co., 654 Main
Pratt, A. J., 792 State.
Pratt, H. J. & Co., 97 Dwight
Wilson, R. & Son, 175 Dwight
STOCKBRIDGE—Van Dusen, Jno. M.
STOUGHTON—Burrell, H. G.
Deacon, D.
Gray, W. A.
TAUNTON—McGlynn, Andw. & Co., 113 Bay
Munro Plumbing Co., Bay c E. Brittania
Newhall, G. S., 6 Main
Wadsworth, J. & Co., 56 Main
Whitmarsh, I. F., 64 Weir
Wordell Plumbing Co., 46 Weir
WALPOLE—Spear, H. A., Jr.
WALTHAM—Carr, F. C., 563 Main
Codyer & Cavanaugh
WEBSTER—Bates, A. J. & Son
Hawkinson, N.
Rosebrooks & Cummings
WORCESTER—Barnard, Geo. A., 74 Prescott
New England Steel Roofing Co., 274 Main

MICHIGAN.

ALLEGAN—Phillips Bros.
ALPENA—Campbell, W. H.
Eddy Bros.
Johnson & Venners
BATTLE CREEK—Bock, Augustus F., 18 Madison, S
McConnell, E. M.
Moblo, Lafayette, 50 Main, W
Peterson, J. G., 29 Wash'n av, N
BAY CITY—Nabert, Bruno C.
Walther, A. & Sons
Wilson & Wanless
BENTON HARBOR—Emerson, Alfred
CALUMET—Carlton Hdw. Co.
CASSOPOLIS—Hayden & Reagan
CHARLOTTE—Barber & Spencer
Munger, J. W.
CHARLEVOIX—Charlevoix Hdw. Co.
CHEBOYGAN—Cueny, J. E.
Post, J. J. & Co.
COLDWATER—Allen, D. C. & Co.
Chandler Hdw. Co.
DETROIT—Berschbach & Herz, 599 Gratiot av
Bertling, Paul C., 344 Grand River av
Bissel Mfg. Co., 559 Grand River av
Burton, W. J. & Co., 164 W Larned
Candler, J. D. & Co., 177 High, E.
City Cornices & Furnace Co., 802 Grand River av
Detroit Cornice & Slate Co., 145 St. Antoine
Eagle Cornice & Roofing Co., 851 18th
Eberts Bros., 352 5th
Hines, H. C. & Co., 354 Humboldt av
Howie Roofing Co., 370 4th av
Hutton, Robt. & Co., 112 Fort, E
Lewis, Henry B., 45 Jos. Campau av
McConnell, E. M., 9 Woodward av
Orth, Adam J., 166 Hastings
Pudrith & Candler, 74 Brush
Sexauer, G. J., 218 Wilkins
Voigt & Sexauer, 146 Sherman
Wrench, Chas. E., 200 Beaubien
ESCANABA—Delta Hdw. Co.
Olson, Emanuel
EVART—Smith, J. K.
FENNVILLE—Van Buren, G. W.
FLINT—Foote, C. E.
Hubbard, George W.
FREMONT—Northway, A. H.
Raider, J. F. A. & Son
GRAND RAPIDS—De Long, A. H. & Co.
Hopson-Haftencamp Co., 25 Campau
Sokup, F. J., 121 S Front
Sproul & McGurrin, 37 S. Division
Weatherly & Pulte, 97 Pearl
HOLLAND—Kanters & Standart
Van Landegend, J.
HOLLY—Nicholson Hdw. Co.
HOUGHTON—McDougall, Alex
Portage Lake Hdw. Co., Ltd.
Stellar, Theo.
HOWELL—Benedict & Ratz
Jewitt, C. G.
Schroeder, F. P.
JACKSON—Barrett & Daly
Creque, Josiah
McGraw & Crone
McLean, Frank & Co.
KALAMAZOO—A. & D. Sheet Metal Works, 216 N Rose
Kalamazoo Cornice Works, 149 E Water
Wallace, Jno. A., 210 E Water
LANSING—Fleming, Jas.
Gregory, Geo. H. (North)
Mudford, Wm.
LAJEER—Gray, Sidney T.
LUDINGTON—Bradl & Madsen
Goodsel, B. J. Hdw. Co
Huston, H. V.
Wilcox, O. J.
MANISTEE—Lloyd & Smith
MIDLAND—Reardon Bros. Merc. Co.
MUSKEGON—Palmer, Herendeen & Co.
People's Hdw. Co.
Towner Hdw. Co.
NORTHVILLE—Carpenter & Huff Bros.
PETOSKEY—Brackett Hdw. Co.
PLYMOUTH—Connor Hdw. Co.
PORT HURON—Dart, James A.
QUINCY—Bishop, I. L.
Michael, C. U.
ROCHESTER—Tienken & Case
ST. LOUIS—Scriver, Geo. H. & Son
SAGINAW—Bartlett, A. F. & Co., 930 S Tilden
Jacobi, Alex., 113 N Warren av
Kloff & Lewless
Leyerer, J. S.
Martin, B. & Son
Taub, H. L., 1151 Genesee av
Valley Cornice & Slate Co.
SAULT STE MARIE—Chippewa Hdw. Co.
Soo Hdw. Co.
Wood & Thoenen
SEBEWAING—Muelberweiss, Adolph
SHELBY—Rankin, A. J.
TECUMSEH—Satterthwaite Bros.

MINNESOTA.

DULUTH—Burrell & Harmon, 3 S 1st av, E
Deetz & Co., 408 E. Superior
Duluth Corrugating & Roofing Co., 126 E Michigan
Helbing, L. R., 119 W. 1st
Glockle, J. C., 18 6th av, W.
Landahl & Hollihan, 207 W 1st
ELYSIAN—Geissler & White
FERGUS FALLS—Adamson, Jno.
LITTLE FALLS—Berg, J. W.
MINNEAPOLIS—Crittenden Roofing & Mfg. Co., 704 S 5th
Henning, Julius, 310 Plymouth av
Minneapolis Roofing & Cornice Works, 403 6th av, S.
National Roofing & Cornice Co., 1412 S 7th
Nees, Louis & Co., 1207 S 3d
Northwestern Roofing, Cornice & Stamping Works, 1113 S 5th
Selden Roofing & Mfg. Co., 76 Western av
Stremel Bros. Roofing & Cornice Co., 1215 Wash'n av, N.
Thompson, F. T., 2526 Central av
Townsend, A. W., 16 2d, S.
NORTHFIELD—Northfield Furnace Works
OWATONNA—Johnson, E. H.
Nelson, Hartvig & Co.
Parrott & Smith
PIPESTONE—Bunn, F. M.
Frost, William
ST. CLOUD—Ladner, C. F.
Longley, Louis
Powell Hdw. Co.
ST. PAUL—Bergsthom, Carl J. R., 603 E Minnehaha
Boehme, Geo. F., 7 E. 3d
Franz, L. & Son, 510 Pleasant av
Griffin & Lambert Co., 121 W University av
Haag-Laubach Roofing & Cornice Co., 30 W 3d
Lefebvre, Deslauriers Roofing & Cornice Co., 26 8th
St. Paul Roofing, Cornice & Ornament Co., c Water & Wabasha
Scribner-Libby Co., 221 W 5th
ST. PETER—Evenson Bros.
Feldman, Chas.
Phelps & Krone
SAUK CENTRE—How Bros. & Co.
WINONA—Baeuerlen, C. A.
Giese, A. O.
Magnus & Wilkens

MISSISSIPPI.

NATCHEZ—Mack & Holmes
Mulvihill, P. W.
VICKSBURG—Bruser, W. S.
Waggener, Mrs. C. P.
YAZOO CITY—Cummings, M. F.
Jenne, George

MISSOURI.

BOONVILLE—Kuehner, L. C.
Lieber, James H.
BUTLER—Bennett-Wheeler Mer. Co.
Smith, F. & Son
CAPE GIRARDEAU—Brunkhorst, A. F.
Vogel, W. H.
CARTHAGE—Kitching, William
COLUMBIA—Gribble, H. J. & C. E.
DE SOTO—Berg, Fred.
Cunningham & Hamel Mer. Co.
Slawson & Kingston
HERMAN—Eberlin, Christ
HUNTSVILLE—Calhoun, V. B.
INDEPENDENCE—Hill & Martin
JOPLIN—Eagle Cornice Works
McCann, Albert
KANSAS CITY—Fink, H. J. Sheet Metal Works, 1324 Main
Geis & Regenbrecht, 2344 Bellview
Kansas City Roofing & Corrugating Co., 220 W 3d
Martz & Roebber, 1313 Main
Ritzler, J. A. Cornice & Ornament Co., 609 W 5th
Sick, W. F., 2719 E 15th
Stophlet, Frank C., 16 E Missouri av
Vanstone, Walter, 1710 Walnut
Weis, Henry Cornice Co., 1813 Wyandotte
Wiedenmann, W. C., 1710 McGee
LEBANON—Koby, Victor
LEXINGTON—King & Marrs
Schawe & Weis
Yungling, C. E.
MOBERLY—Kaunsteiner, Mrs. A.
Stauffer, P. & Co.
NEOSHO—Briggs-Centers Hdw. Co.
NEVADA—Looney, Bruce & Bros.
ST. JOSEPH—Langan, Peter, 305 S 4th
Seaman & Schuske, 1604 Fredk av
St. Joseph Cornice Works, 742 S 6th
Wehrman, Wm., 119 N 2d
Whelan, Alex, 1001 S. 10th
ST. LOUIS—Auer, Fred, 3507 N 22d
Aufrichtig, Alois, 220 Lombard
Bannantine Galv. Iron Mfg. Co., 113 Soulard
BERGER MFG. CO., 623 N Main.
(See adv. index, end of book)
Berwanger, Louis, 2503 S Jefferson av
Blohm, Chas. H., 1120 Emmett
Caplan Galvanized Iron Cornice Co., 4412 Easton av
Clemens, John & Co., 1922 S 7th
Cozzens Heating & Cons. Co., 1217 Olive
Dolton, Geo. E., 24 S Commercial
Eagle Metal Works, 1512 Clark av
Eberle, J. & Son, 4014 Laclede av
Gerock Bros. Mfg. Co., 1252 Old Manchester rd
Giessow Cornice Works, 3741 Cass av
Hammond, C. S. & Co., 107 N Main
Harry, Owen K., 2333 Papin
Hiller, Chas, 4577 Easton av
Hopmann Cornice Co., 2571 Benton
Huber, P. & Son, 2520 Newhouse av
Kaul, Frank, 3024 Oregon av
Keighley, S. Metal Ceiling & Mfg. Co., 204 S 12th
Klittich, Ernst L., 707 Carroll
Larkin, M. P., 1922 Washn av
Mesker & Bro., 421 S 6th

Mungenast, Jos. & Bro., 3215 Meramec
Murphy, E. & Co., 3727 Easton av
Ogden, J. B., 1100 Ohio av
Powers & Boyd Cornice & Roofing Co., 3614 Laclede av
Rowland Sheet Iron & Cornice Works, 3713 Cass av
Runzi, Theo, 5427 N B'way
Ruth, Jno. F., 2027 Cass av
Schumann Bros., 1522 S. 7th
Skinner, Chas. N. & Co., 1013 N B'way
Skinner, D. B. & Bro., 1318 N. B'way
South St. Louis Cornice Works, 3932 Iowa av
South Side Cornice Works, 2605 Park av
Sydown, John, 7922 B'way
Tiernan, Luke, 1019 Chestnut
Von der Au-Cluss Hdw. & Cornice Co., 2349 S B'way
Wand & Niehaus, 3008 Kossouth av
Zacharias, Wm., 1204 Park av
SPRINGFIELD—Anslinger, K. D., 212 E Walnut
Watts Bros., 512 Boonville

MONTANA.

ANACONDA—Copper City Commercial Co.
BOZEMAN—Hanley, E. F.
McCay, H. B.
BUTTE—Dorhoffer, F. J., 9 S Montana
GREAT FALLS—Murphy-Maclay Hdw. Co.
HELENA—Adams Heating & Plumbing Co., Power blk
McKinnon, H. A.
Mitchell, John, 342 N Main
Rummel, Jacob, 141 N Jackson
KALISPELL—McIntosh Hdw. Co.

NEBRASKA.

BEATRICE—Habig, Chas. A.
Spieler, Jos.
FREMONT—Globe Cornice Works
Smith, F. M.
HASTINGS—Hutchinson, J. E.
Meyer, A. F.
HOOPER—Heine Bros.
KEARNEY—Kummerland, J. A.
LINCOLN—Janesch, Edw., 237 S 9th
NORTH PLATTE—Fillion, Jos. T.
OMAHA—Bjornson & Haas, 214 N 15th
Carter, R. L., 1724 St. Mary's av
Epeneter, G. F., 614 S 10th
Olson Bros., 2570 Leavenworth
Ruemping, Fred, 1413 Jackson
PLATTSMOUTH—Hall & Son
SCHUYLER—Pence, J. A.
Molacek, T. E.
Shonka & Jelinek
YORK—Hyder, J.

NEW HAMPSHIRE.

BERLIN—Berlin Mills Co.
KEENE—Davis-Wright Co.
MANCHESTER—Lawson, H. J., 26 Auburn
Pike & Heald Co., 972 Elm
NASHUA—Barr Hdw. Co.
PORTSMOUTH—Paul, W. E.
Sweetser, J. P.
Wells, A. N.

NEW JERSEY.

ATLANTIC CITY—Atlantic City Cornice Works
Currie Hdw. Co.
BAYONNE—Devaney, Jno. J., 297 Av D
BERNARDSVILLE—Bromfield, W. R.
BOONTON—Kopps, Jno. I. Sons
BOUND BROOK—Murphy, G. H.
CAMDEN—Camden Cornice Co., 2d c Federal
Cole, Chas. A., 127 Main
Klostermann Bros. Co., 1016 B'way
McManus, Mitchel, 510 N. 5th
Metallic Mfg. Co., 232 Spruce
Whitaker, John B. Co., West c Whitaker
ENGLEWOOD—Dubois, Chas. L.
Hickey & Baker
ELIZABETH—Faulks, Jas. H. & Co.
Messing, Geo.
GERMAN VALLEY—Stephen, F.D. Co.
HIGHTSTOWN—Taylor, Jas. A.
HOBOKEN—Dorsett, T. W., 1113 Clinton
McCabe, Chas.
JERSEY CITY—Donovan, D. F., 390 7th
Henningsen, Henry, Bright & Colgate
National Sheet Metal Roofing Co., 339 Newark av
New York Iron Roofing & Corrugating Co.
Ringle, Jacob & Son (also Copper, etc.), 83 Newark av
Schreck & Walty, 27 Hague
LONG BRANCH—Warwick, W. R.
MATAWAN—Fountain, W. A.
NEWARK—Allwood, J. R. & Son, 62 Earl
Baier & Conrad, 336 Hunterdon
Blecker & Steinberg, 64 Shipman
Demars, Wm., 52 Mechanic
Engelberger, T. & W. V. Co., 60 Mercer
Howarth Bros. Co., 62 N. J. R. R.
Muskat, Henry, 195 Halsey
Newark Cornice & Skylight Works, 9 17th av
Sandford, Thos. A., 349 Broad
Schwing & Co., 190 Ferry
Smith, Frank F., 49 Bank
Steinberg, Jas., 9 Morton
PASSAIC—Falstrom & Tornquist Co.
PATERSON—Lendrim, H. C., 84 Clay
Quinn Bros.
PRINCETON—Margerum, Jno. H.
Mulvey & Fox
Ross, Saml. H.
Stryker, A. Y.
RARITAN—Wyckoff, J. C.
RED BANK—Patterson, J. C.
RUTHERFORD—Tallman, S. C.
SALEM—Righter, J. C.
TRENTON—Higgins, Clinton B.
Trenton Arch'l Cornice Wks., 101 S Warren
WEST HOBOKEN—Gutschmidt, W. H., 810 John
Poeschel, Osmar
Sutter, Louis
WEST NEW YORK—Ellis, A. J. Co.
WOODBURY—Kleinhanz, Jno. V.
Myers, Fred. V.

NEW MEXICO.

LAS VEGAS—Wagner & Myers
RATON—Murphy & Co.

NEW YORK.

ALBANY—Ackroyd, Jas. & Sons, 12 James
Fitzgerald, Jno. L., 22 Beaver
Gorman, Jas. J., 14 Norton
Macnee & Rabe, 659 B'way
Walsh, Jas. D., 40 Sheridan av
ALFRED—Cottrell, A. B.
AMSTERDAM—Bell, Chas. E.
Dwyer, Cornelius
AUBURN—Auburn Roofing Co.
AVOCA—Sturdevant, J. B.
BALLSTON SPA—Tracy Bros.
BINGHAMTON—Freeman, E. G., 81 Water
Hatten, McIntyre & Co., 77 State
Lynch, Jno. R. & Son, 86 State
Murphy & Co., 229 State
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Buffalo Galvanizing & Tinning Works, 51 Jackson
Buffalo Repair Works, 448 Niagara
Buffalo Roofing & Mfg. Co., 76 Oak
Christman, Philip & Sons, Orange & Virginia
Eberz, Peter W., 285 Dearborn
Elsinghorst, A. F., 138 B'way
Gruber, Rupert & Co., 541 Sherman
Hartmetz, George, 652 Elm
Lipp & Nauth, 225 Walnut
Machwirth Bros. Co. (also Copper, etc.), 201 Oak
Menge, Fred. A., 480 Genesee
Peters, G. H. Co., 289 Oak
Rademacher Bros. Herman & Sycamore
Shepard, Sidney & Co., 60 Tecumseh
CANASTOTA—Bemiss & Co.
CATSKILL—Day & Holt
CATTARAUGUS—Eberlee, T. J.
Jewell, J. H. & Sons
COHOES—Loop, Wm. H., 44 Van Rensselaer
CORTLAND—Buck & Lane
Cramer & Spencer
CUBA—Gee, C. A.
Olive, J. G. & Son
Sisson & Smalley
DOBBS' FERRY—Ackerman, J. M.
Brown, Chas.
Seiss, A. C.
ELMIRA—Barker, Rose & Clinton, 109 Lake
Gridlay, G. A. & Son, 126 W Water
Young, Chas. W., 114 Lake
FT. PLAIN—Linney, W.T.
Stewart & Bergen
FULTON—Johnston, Geo.
Snow, A. J.
GLENS FALLS—Adams, G. E. & Co.
HUDSON—Macy & Redlinghouse, 612 Warren
ISLIP—Lennon, Jas.
JAMAICA—(See New York City, Borough of Queens)
JAMESTOWN—Novelty Heating Co.
KEESVILLE—Callanan Bros.
KINGSTON—**WIEBER, HENRY E.** (See adv. below)

Cornices,
GALVANIZED IRON OR COPPER,
IN PLACE ON YOUR BUILDING,
OR F.O.B. CARS.
HENRY E. WIEBER,
KINGSTON, N. Y.

LESTERSHIRE—Becker, C. D.
LONG ISLAND CITY—(See New York City, Borough of Queens)
LYONS—Hartman & Hartman
Marshall & Noble
Matthes & Son
Zimmerlin Bros.
MARLBORO—Hughes, T. H.
MECHANICSVILLE—Allen & Sheffer
MOHAWK—Richardson, J. G.
MORAVIA—Small & Wood
MT. KISCO—Gorham, G. W.
MT. VERNON—Norden, J., 48 Mt. Vernon av
Ryan, J. H.
NEWBURGH—Newburgh Cornice Works, 46 S Water
NEW ROCHELLE—Heimrich, Geo.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Beer, M. F., 1624 B'way
Blecher Bros., 49 Nostrand av
Buell, Chas. S., 98 4th
Buchanan, Archibald, 1587 Fulton
Buchwald, Reuben, 100 Scholes
Burger & Gohlke, 3d av c Sackett
Clifford, Neil, 268 Court
Cohen, Hy., 311 Atlantic av
Davis', Jno. Sons, 20 Wyckoff
Edelstein, Henry, 496 Gates av
Evans, Geo. W., 747 Wythe av
Flanagan, Thos. P., 4th av c 88th
Foos, Chas. & Son, 25 Stagg
Gartenberg, Morris, 426 6th av
Germania Cornice Works, 1788 Green av
Gogarty, M. J., 1531 Fulton
Gorlitz, S., 64 Reid av
Greenthaler, Chris., 860 De Kalb av
Haas, John, 145 George
Halpin, Jas., 926 De Kalb av
Hermann & Grace, 671 Bergen
Hoellerer, Jos., 85 Union av
Kleinfield, Morris, 2576 Atlantic av
Kuhnla, August, 10 Lorimer
Kuhnla, Ernst, 71 Hinsdale
Meade Roofing & Cornice Co., 45th & Linmore av
Mildner, Chas, 467 Flushing av
Muller, E. A. & Bro., 687 4th av
Ostergren, Saml., 725 3d av
Otto, J. M., 46 Maujer
Peterson, Stephen W., 694 Manhattan av
Ray, Daisley & Co., 61 Fulton
Schar, Paul, 2262 Church av
Schnabel, Casper, 1470 Myrtle av
Schnitzpan, H. V., 800 Wythe av
Schratweiser, Christian, 426 3d av
Seton, John, 78 Washington av
Sutphin, E. J., 668 Manhattan av
Tolman, Chas., S Noll
Waldhauer, Fredk, 1725 Nostrand av
Weiss, Adolph, 963 Myrtle av
Weltz, Otto & Co., 14 Lexington av
White, Jas. (est.), 446 Adelphi

Boroughs of Manhattan & Bronx

NEW YORK—Abbott's, M. Sons, 137 8th av
Alexander & Weiss 435 E Houston
Anderson & O'Brien, 512 W 48th
Baron, Louis, 446 W 41st
Becker, J. C. L., 174 E 87th

Beer & Hess, 223 W 35th
Blechner, Albert, 725 Bergen av
BERGER MFG. CO., 210 E 23d. (See adv. index, end of book)
Berglund, Chas. & Son, 774 3d av
Bolz, Jacob, 363 9th av
Borkel, Jno., 42 E Houston
Bornstein Bros., 227 6th
Brandt, Fred., 169 E 85th
Brandt, Wm. H., 555 E 140th
Breivogel, Geo., 46 Rose
Cary, R. F., 130 E 129th
Central Roofing, Cornice & Skylight Works, 334 E 59th
Coleman & Krause, 515 W 29th
Cunnion, Jas. & Son, 112 Fulton
Curry, P. & Son, 374 W B'way
Dreyer, Gustaf, 511 Grand
Dunn, L. J., 164 E 120th
Ellis, A. J., 522 W 37th
Empire Cornice Works, 396 Broome
Empire Sheet Metal Works, 440 E 91st
Engel, A. I., 354 E 91st
Fischer Bros., 1045 3d av
Fitzsimmons, M. & Co., 224 W 36th
Flanagan, Anne, 396 4th av
Freyberg, Otto, 2314 2d av
Furlong & Furlong, 461 E 135th
Giegerich, Jno. M., 334 E 59th
Goldman, Barnet, 520 W 40th
Goldstein, Jos., 179 E 117th
Gregory, Jas. G., 140 W 38th
Hagan, Thos. F., 331 E 102d
Halliday, M., 305 E 9th
Harlem Cornice & Roofing Co., 101 E 130th
Harrison, M. & Son, 214 E 52d
Hinz, Albert, 428 E 13th
Horner, Jos., 503 5th
Independent Cornice & Skylight Works, 348 E 64th
Irving, Geo. H., 403 W 24th
Kantzler, Chas., 624 S 154th
Katz, I. & Co., 179 3d
Keane, W. A. & Co., 155 E 42d
Kramer, M., 404 E 17th
Kraus, Minnie, 3454 3d av
Krauth, Carl, 110 G'wich av
Landesberg, Saml. H., 322 Henry
Lanrowitz & Fine, 396 Broome
Leonard Sheet Metal Wks., 332 W 13th
Liess, E., 2324 Bathgate av
Liess, Nicholas, 2346 Lorillard pl
Loeble, August H., 45 Grand
Lode, August H., 742 11th av
LUPTON'S, DAVID, SONS CO., 220 B'way. (See adv. index, end of book)
Manhattan Cornice & Skylight Co., 435 E Houston
Manhattan Tin Roofing Co., 170 E 112th
Marshall & Co., 281 E B'way
May, Wm. M., 798 11th av
Mayer, Conrad & Son, 405 8th av
Meade Roofing & Cornice Co., 156 5th av
Meister & Blayer, 97 Forsyth
Millers', John Sons, 440 W 5th
Mills, Jno. J., 251 Mulberry
Moritz, I., 1192 2d av
Morrow, John, 225 W 50th
Muhsold, Bernhard, 339 W 18th
Muller, R. & O., 626 E 150th
Murphy, Geo. M., 43 New Chambers
National Cornice & Skylight Works, 227 6th
Neil, John, 434 W 17th
New York Sheet Metal Works, 515 W 29th
New York Cornice Works, 335 E 32d
Nicholson & Galloway, 646 Hudson
Nugent, Thos., 223 E 80th
Palmer Sheet Metal Works, 551 W 42d
Partzschefeld, Louis, 28 E 134th
Pasewark, C. H. & Co., 347 E 105th
Perske, Frank, 439 E 92d
Peters, Wm. C., Carter av, c E 176th
Pfeifer Bros., 473 Greenwich
Rice, Barth J., 578 W 130th
Rosenberg, Adolph, 281 Av B
Samet & Schoenberger, 197 Lewis
Saron, David, 2164 Madison av
Saron, Jacob, 42 Mhtn
Schwoerer, A. & Son, 120 Av D
Smith & Dorsett, 405 E 47th
Storch, L. A. & Co., 260 E 78th
Stucke, Chas., 444 W 38th
Tyler, Frank J., 218 8th av
United Cornice & Skylight Works, 197 Lewis
Vincent, Wm. E. D., 551 W 42d
Vogt, Geo., Grant av, Van Nest
Walther, Max, 796 E 142d
Weiss, Morris L., 613 E 16th
Werner, Chas., Columbus av, Van Nest
Westergren, M. F., 435 E 144th
Wilson, M. S. A., 408 E 77th
Wilson Bros., 238 E 59th
Wingender, Geo., E 176th c Boston rd
Winter, Jacob Co., 712 Lex av
Zimmermann, Valentine, 3610 3d av

Borough of Queens.

LONG ISLAND CITY—Brodie, Wm., 31 Vernon av
Petry, John W., 63 Vernon av

(END OF NEW YORK CITY.)

NEW YORK MILLS—Hastings, M. E.
NIAGARA FALLS—Mackwirth Bros. Co.
OLEAN—Pierce, O. W.
ONEIDA—Lype, Norman
OSWEGO—Oswego Hdw. Co., W 1st
PENN YAN—Hollowell & Wise
Maring & Parker
PORT JEFFERSON—Davis & Co.
POUGHKEEPSIE—Aldrich, Elbert, 391 Mill
RAVENA—Strevell, A. M.
RED HOOK—Curtis & Van De Bogart (also Copper)
ROCHESTER—Calder, Robert, 86 Exchange
Dumond, Babcock & Kingston Co., 65 Stone
Fricker, John, 10 Ely
Goggin & Knowles, 50 Franklin
McConnell, J. S., 234 Mill
Ratt & Smith, 65 Stone
Siddons, John Co., 61 N Water
RONDOUT—(See Kingston)
ROUSE'S POINT—Coates & Chilton
SCHENECTADY—Allen, Jno.
Chambers & Clason
MacGregor, Thos. F.
SCHUYLERVILLE—McRae, G. S. & Co.
SHELTER ISLAND—Harris, C. S.
SYRACUSE—Blant, Jos. A., 227 James
Bradford & Derucbie, 439 E Water
Casbman & McCarthy, 372 W Fayette
Curran, Jas., 213 N Franklin
TONAWANDA—Koenig, H. B. & Co.
TROY—Loeble, Wm., 422 River
O'Connor, John, 328 2d
Sasse, Robt. W., 842 River
White, David, 735 River
Williams & Manouge, ft of Grand
UTICA—Metal Roofing & Cornice Co., 71 Main
WATERTOWN—Arthur, H. S., 46 Court
Howard, L. A., 5 King
McCrady & Rogers, 42 State
Spratt & Corcoran, 48 Court
Sutton & Littlefield, 11 King
WARWICK—Colwell & Lawrence
Ogden & Pelton
WATKINS—Durland, L. H. Son & Co.
WELLSVILLE—Hoyt Hdw. Co.
Lauterborn & Johnson
Vincent, C. F.
WHITE PLAINS—Fowler & Sellars
YONKERS—McVicar, Thos., 30 Dock
McVicar, Wm. H., 83 Woodworth av
Scholding Bros., 159 Nepperhan av

NORTH CAROLINA.

ASHEVILLE—Boyce, W. A.
McPherson & Moore
CHARLOTTE—Charlotte Roof & Paving Co.
McCausland, J. N. & Co.
GREENSBORO—Johnson Mfg. Co.
Yates, J. F.
WINSTON-SALEM—Brickenstein, L. B.

NORTH DAKOTA.

GRAND FORKS—Grand Forks Roofing, Cornice & Ornamental Co.
Grand Forks Sheet Metal Co.
WAHPETON—Eggendorfer, J. R.
Orr, A. H.

OHIO.

AKRON—Akers & Harpham
Kasch Roofing Co.
May & Fieberger
Neff & Knapp
Pouchot, Hunsicker & Co.
ALLIANCE—Love & Casselman
CADIZ—Bryan, H. E.
CAMBRIDGE—**CAMBRIDGE ROOFING CO.**
Hartley, W. H. & Sons
CANTON—**BERGER MFG. CO. (See adv** index, end of book)
Canton Steel Roofing Co.
Eller, J. H. & Co.
Kanneberg Roofing & Ceiling Co.
CINCINNATI—Andler, Adam, 3023 Highland av
Beckman & Co., 953 Garfield av
Beckman, Wm., 1543 Race
Blum, Albert, 2810 Woodburn av
Boesch, Victor P. & Son, 2432 Eastern av
Brandis Bros., 3144 Reading road
Brockmann & Schuessler, 330 W 3d
Brophy, John L., 25 W Canal
Cincinnati Cornice Works, 637 W Court
Corryville Cornice & Roofing Co., 3205 Jeffn av
Dearking, Fred W., 3822 Glenway av
Dirr, George L., 4014 Glenway av
Eagle Galvanized Iron Cornice Works, 215 W. 8d
Edwards Mfg. Co., 119 Sycamore
Emmers Cornice Co., 1007 B'way
Fahnle & Dietrich, 537 Oliver
Fellers & Wuenker, 2441 Gilbert av
Fisher, Philip, 1066 Central av
Frank, Andrew, 1932 Gest
Freund, J. Roofing Co., Mitchell av & B. & O. S. W. Ry.
Greiwe, E. & Bro., 1128 B'way
Grueninger, Louis, Court & Freeman av
Hauck, Michael, 14 E 13th
Jansen, John F., 2140 Gilbert av
Kiechler Mfg. Co., Linn, Armory av & Clinton
Kobmann, Chas., 1919 Central av
Kopelent, Henry, 2723 Vine
Lee, Thomas, 130 W 2d
Meyer, Edw. & Co., Green & Elm
Mudd, Wm. R., 204 15th
Neabrey, John H., 637 W Court
Scheg, Amanda, 2311 W 8th
Scott & Co., 234 E Front
Shaw & Stechow, 811 Central av
Spatz, Wm. C., c Powers & Tozzer
Stevens, Albert, 1125 E 3d
Sweeney, J. A. & Co., 829 W 5th
Verges, Ferd F., 2543 Vine
Vietor & Grams, 1809 Queen City av
Weigel, John, 664 E McMillan
Weissenberger, Geo. K., 4006 Spg Grove av
Wictlishach, A., 1810 Linn
Witt Cornice Co., 8th & B'way
Witt & Brown, 215 W 3d
Zoller, Fred, 1732 Central av
CLEVELAND—Callaghan, J. & Son, 623 Superior
Cleveland Galvanizing Works, 24 Cooper
Cleveland Metal Roofing & Ceiling Co., 393 Detroit
Garry Iron & Steel Co., Coe & Lake
Hundertmark, Wm. L. & Son, 11 McLean
Hussey, Philip B., 1115 St. Clair
Kain & Tack, Fountain, c Bright
Mannen & Esterly, 811 St. Clair
Riester & Thesmacher, 679 Pearl
Rudolph & Son Co., 35 Michigan
Schorndorfer Hdw. Co., 1437 Woodland av
Silberman, Albert, 449 St. Clair
Sbackleton Co., 171 Prospect
Smith, Wm. J., 93 Sawtell av
Stran, C. W., 87 Prospect
Towson, E. H., 1057 1st av
Uhl, Wm., 250 Beech
COLUMBUS—Blackwood, Green & Co., 624 N High
Calkins, W. R. & Sons, 752 E Long
Ihrig, F. B. & Co., 541 N High
KINEAR & GAGER CO. (See adv. index, end of book)
Knell, Philip, 344 S 4th
Schoedinger, F. O., 61 E Long
COSCHOCTON—Feasley, W. F.
DAYTON—Bretch, A., 126 E 5th
Buckeye Cornice Works, 609 W Wash'n
Buvinger, G. W. & E. E., 326 E 3d
Couch, R. L., 1528 W 3d
Dayton Cornice Works, 323 E 3d
Foley, Jesse T.
Jungclas, August, 609 W Wash'n
Kenney, J. R., 251 S Wayne av
Kline, J. H., 1227 E 5th
Nicholas, Grant W., 1011 W Wash'n
Walker, Edw. W., 540 W Keowee
Wuichet, Chas. & Co., 14 S Canal
E. LIVERPOOL—Howard, R. G.
Watson, A. A.
ELYRIA—Elyria Hdw. Co.
Fitch & Horning
FINDLAY—Fiscus, W. J.
Hoffman & Bryan
Klein, Fred
FOREST—Dickelman Mfg. Co.
FOSTORIA—Ballmer, D. R.
Newson & Poe
Stewart Hdw. Co.
GALION—Riblet, S. E.
Sponhauer, H. C.
Zimmerman & Eise
GLENDALE—Dollman, J. W.
Schatzman, P. & Son
GREENVILLE—Humphreys Bros.

HAMILTON—Becker, Jno. L.
Keller, C. C.
Schlosser, Jacob, 207 Court
Zschau, A. E., 326 Canal
IRONTON—Filgrove Bros. & Co.
KENT—Reed, C. R.
Schultz, Henry
LIMA—Du Gray, Edwin J., 450 S Main
Nungester, Wm. A., 822 S Main
Smith, Wm. A., 212 S Main
MANSFIELD—Harris, Geo. S. & Son
Hoffman, Chas.
Martin, C. E. & Bro.
Runyon, C. C. & Son
MARIETTA—Theis, H. P.
MARION—Salter, F. R.
MARYSVILLE—Church Bros. & Weld
Scott, O. M. & Bro.
MEDINA—Oatman Bros.
MIAMISBURG—Schell Bros.
Treon & Cade
MIDDLETOWN—Fouts, C. C.
MILLERSBURG—Fitch, John
Kauffman, D. J.
Shoup, C. C.
NEWARK—Tucker, John
PIQUA—Lee, Geo. E.
Lentz & Norr.
PORTSMOUTH—Glockner, Frank A.
Storck-Hopkins Co.
SALEM—Mullins, W. H. (also Copper)
SANDUSKY—Mertz, J. & Sons
SHELBY—Armstrong & Morton
Seltzer & Sons
White, W. F.
SIDNEY—Rostron, James
SPRINGFIELD—Blowers, S. H., & Sons, 241 W. Main
Fuhrman-Follrath Co., 93 W. Main
Hauck, Chas. F. & Co., 35 W Main
Lafferty, Sam'l J., & Sons, 55 E. Main
Peet & Schuster Co., 118 S Center
TOLEDO—Curran & Firth, 620 Monroe
Frech, Jacob F., 559 Erie
Gerken, J. D. & Co.
Hofer Bros., ft Wash'n
Hoffman & Harpst, 926 Cherry
Kloeppinger, G. F. C., 130 Ottawa
Loeffler & Christian
Miller, Chas. F.
Neipp & Emmert, 504 Dorr
Ramler, M. J. & Son
Richards, Chas. E. G.
Sabin Bros.
Shulz, R. R.
Toledo Cornice & Copper Works, 130 Ottawa
WARREN—Browning Bros.
Skinner, L. E., 16 W Market
Sutcliffe & Jameson, 20 W Market
WASHINGTON C. H.—Allen, Chas.
Wilson, J. W. & Co.
WELLINGTON—Peirce, A. H.
WILMINGTON—Palmer, D. K.
WOOSTER—McClure, Lewis Y.
XENIA—Henrie, C. C.
YOUNGSTOWN—Dalzell Bros.
Squire, Jno. R.
ZANESVILLE—Hanlon & Saup
Ludy, J. W.
Snyder Roofing Co.

OREGON.

ALBANY—Albany Hdw. Co.
BAKER CITY—Baschc, P.
GRANT'S PASS—Carlson, A. E.
Coron, E.
M'MINNVILLE—Hodson, O. O.
PORTLAND—Bayer, J. C., 265 2d
Moore, W. H., 209 Wash
Tilton & Gerspach, 206 4th
Wynkoop, W. A., 248 Ash
SALEM—Barr, T. M.
Burroughs & Fraser

PENNSYLVANIA.

ALLEGHENY—Allegheny Cornice & Skylight Co., 821 Bouquet
Bealor, John T. Mfg. Co., 1300 River av
Irwin, Thos. W., 411 Rebecca
Scholes Bros., 1241 Rebecca
ALLENTOWN—Allentown Cornice Works
Hersh & Bro., 829 Hamilton
Miller, Jacob, 15 N 6th
Neff, Wm. F.
Yost, Jno. H., 949 Hamilton
ALTOONA—England, I. M.
Garrahan, P. F.
Hughes, J. C. & Son, 906 8th av
Johnson, A. A., 1218 8th av
Kleslus, G., 609 12th
Smith & Hesser.
Wilkinson, Lee A.
AMBLER—Reed, H. W. B.
ARDMORE—Whelan, Martin.
ASHLAND—Lauer, J. J.
McConnell & Bro.
BEAVER FALLS—Davidson, W. J.
BELLEFONTE—Twitmire, W. T.
BETHLEHEM—Lehigh Valley Cornice Works
Schall, Fred J., W. B.
BRADDOCK—Loew, John A.
Shirer Bros.
BUTLER—Campbell, J. G. & W.
Hauck, Jos. R.
CARNEGIE—Rome, George & Co.
CHESTER—Armitage, Geo. L.
Doran, Jno. A.
Goodman, K. & Son
Ward, Hugh H.
CLEARFIELD—Johnson, F. & Bro.
Powell, J. Frank
Powell & Bigler
CONNELLSVILLE—Munson Bros.
CORRY—Barlow Hdw. Co.
Guignon, L. E. & E. E.
DUQUESNE—Thomas, G. E.
EAST STROUDSBURG—Hallett, J. W.
EASTON—Arndt, Wm.
Kinsey, Howard P.
ERIE—Braggins, John H., 1128 Sassafras
Flickinger, Conrad, 408 W 18th
Miller, John, 617 W 18th
Murphy Bros., 22 N Park
Patterson & Stirling, 12th & French
GIRARDVILLE—Griffith, R.
GREENSBURG—Overly, W. F.
HALLSTEAD—Rogers, Jos. B.
HANOVER—Bargelt, Louis
HARRISBURG—Fager & Mayer, 108 Market
Zollinger, G. J., 308 Blackberry av
HAZLETON—Barber, J. F. & Co.
Koehler & Rice
HOMESTEAD—Snyder, Louis B.
HONESDALE—Dodge & Erk
Watts, G.
INDIANA—Alter, C. A.
Hamilton, George T.
Taylor, Alex. T.
JAMESTOWN—Mallorie & McCreary
JOHNSTOWN—Fenn, Wm. J.
Joy, F. A. & Sons
KINGSTON—Johnson, H. F. & Sons
LANCASTER—Lancaster Sheet Metal Co.
Penn Cornice & Roofing Co., 40 E King
LANSDALE—Jenkins, Grant & Co.
LOCK HAVEN—Fickincher, Fred
M'KEESPORT—Kemp, Jas. F. & Bro.
Myers, Jacob
Petersen, G. E.
MAHANOY CITY—Morgan, William
MECHANICSBURG—Hauck Bros.
Wonderly, F.
NANTICOKE—Hill & Evans
NICHOLSON—Diggs & McConnell
OIL CITY—Booker, James
PEN ARGYLE—Correll, R. S.
PHILADELPHIA—Abronski Bros., 1615 Stiles
American Metal Cornice Works, 1124 Ontario
Bachman, S. A., 1847 N. 6th
BERGER MFG. CO., 1215 Filbert (See adv. index, end of book)
Bohem, A. & G., 1438 Federal
Central Cornice Works, 311 N. 15th
Crossland, Wm. H., 5528 N. 5th
Edel, Geo. A., 3046 Kensington av.
Gara, McGinley & Co., 23 S. 17th
Graber, Francis, 2306 N. 3d
Humphreyville, Edwin, 2641 N. Hutchinson
LUPTON', DAVID, SONS CO., Allegheny av. &Tulip. (See adv. index, end of book)
Meade Roofing & Cornice Co., 45th & Linmore
Merritt & Co., 1024 Ridge av.
Northwestern Cornice Works, 2405 Huntingdon
Rhoads & Maloney, 419 N. 3d
Rising Sun Cornice Works, R. Sun la c N. Hutchinson
Rourk Bros., 1611 N. Camac
Samsell, Fred'k, 2119 Callowhill
THORN, J. S. CO. (Also Copper), 1227 Callowhill. (See adv. index, end of book)
Wayne Junction Metal Cornice Works, 4545 Wayne
West Phila. Cornice Works, 3420 Market
PHILLIPSBURG—Bortel, Geo. E.
PHOENIXVILLE—Caswell & Moore
PITTSBURG—Bonar, Jas., & Co., Inc., Frick bldg.
East End Cornice & Roofing Co., Berlin & P. R. R.
Pittsburg Cornice & Skylight Co., Bessemer
Pittsburg Sheet Metal Mfg. Co., 331 1st av.
Pittsburg Sheet Metal Works, 132 Scott pl.
RASNER & DINGER CO., 100 2d av. (See adv. index, end of book)
PITTSTON—Byrne, Jno. W.
Edwards, T. H.
PLYMOUTH—Dymond, E. P.
Spry, F. E. & Son
READING—Hain, Wm. T., 27 Penn
Yeager, Wm. B., 8th & Chestnut
RIDGWAY—Bowen, S. E.
Cody, C. L.
Lidden, T. H.
Smith Bros. Co. (Ltd.)
SCOTTDALE—Dick, J. I.
SCRANTON—Maloney, Jas. P. & Co., 805 Capouse av
SHAMOKIN—Unger, Warren
SHARON—Hoffman, P.
Hoffman, J. C. & Bro.
SO. BETHLEHEM—McBride, Michl. J.
TITUSVILLE—Coots, J.
Hughes, C. V.
Hughes, D. D. & Son
Spitler, H.
UNION CITY—Everson, W. E.
Hatch Hdw. Co.
WASHINGTON—Dickson, I. J., 87 W Wheeling
Smith, Chas. F.
WEST BETHLEHEM—Schall, J. F.
Schlosser, J. F.
WEST CHESTER—Apple Plumbing & Heating Co.
James Bros.
Palmer, George J.
WILKINSBURG—Britner, E. M., South av & P. R. R.
YORK—Kidd, Alex., 137 N George

RHODE ISLAND.

PAWTUCKET—Reetz, Robert C.
PROVIDENCE—Baacke, Wm. & Co., 88 Hay
Brunnckow, C. G. (Estate), 223 Globe
Burgess, James, 254 Prairie
CLASON ARCHITECTURAL METAL Works (Inc.), 428 Kinsley av. (See adv. index, end of book)
Enterprise Cornice & Skylight Works, 182 Dorrance
Harris, Clayton, 281 Canal.
Hitz, Chas., 9 Calla
Lamoureux, F. & Co., 39 Friendship
Providence Arch'l Metal Works, 237 Dyer
Providence Cornice Co., 311 Canal
R. I. Cornice Co., 76 Point
Shapiro, N., &Co., 8 Steeple
WOONSOCKET—French, O. P. & Son

SOUTH CAROLINA.

AIKEN—Hyer, W. C.
Smith, W. H.
ANDERSON—Archer & Norris
NEWPORT—Shepley, William, 7 Oak
Burriss, John T.
Osborne & Pearson
CHARLESTON—Arnot, A. M.
Masters, R. M., 127 King
Shepherd Supply Co., 232 Meeting
COLUMBIA—Columbia Plumbing & Cornice Co.
Dozier, L. B., & Co.
Lorick & Lowrance Co.
GREENVILLE—Barr Hdw. Co.
Cook, J. A.
ROCK HILL—Westerlund, J. W.
UNION—Murrah, T. A.

SOUTH DAKOTA.

RAPID CITY—Sweeney, Tom Hdw. Co.
SIOUX FALLS—Taylor, F. W.
YANKTON—Yankton Heating & Plumbing Co.

TENNESSEE.

BRISTOL—Sweet, T. E. A.
CHATTANOOGA—Chattanooga Roofing & Foundry Co., 720 E. Mont'gy av
Goodlake, C. W., 813 Broad
Lockhart Co.
Mountain City Stove & Mfg. Co., 623 Market
O'Rear & McMahon
Snow, T. A. Co., 710 Market

FAYETTEVILLE—Blakemore, J. A.
Robertson & Goodrich
HARRIMAN—Edington Bros.
Salyers, T. D. (Agt.)
JACKSON—Anderson, G. C. & Co.
KNOXVILLE—Cruze, J.
Mundy & Greydig
Williams, G. R.
MEMPHIS—Burdick, A. W. & Co., 22 Hernando
Cubbins, F. D., 405 2d
Dush & Schaefer, 107 Poplar
Eichberg & Meyer, 63 Jefferson
Fritz, Edw. H., 152 Front
James & Culley, 42 Poplar
Nohsey & Schwab, 355 2d
Verdel, E. F. & Co., 386 2d
Wessendorf, Charles, 196 Main
NASHVILLE—Cammerer, H. & Son, 227 N Market
Kadel, L. J.
Murray, E. T. & Co., 167 N College
Phillips & Buttorff Mfg. Co., 217 N College
Zimmer, A.

TEXAS.

AUSTIN—Brush, Geo. A., 900 Congress av
Buaas, J. O., 818 Congress av
BROWNWOOD—Weakley & Watson
CORSICANA—Johnson & Wood
Tatum, W. M. & Co.
DALLAS—Burke, W. D., 128 N Akard
Hinckley & Son, 604 S Howard
Huey & Philip, 257 Elm
Kanady, C. D. & Son, 186 Germania
Payne, F. T., 588 Elm
DENISON—Blair, Jas. A.
Campbell & Co.
Pollard, L. E.
Waltz, Chris.
EL PASO—Momsen & Thorn
ENNIS—Blakey, J. & Co.
Craig & Dunkerley
FORT WORTH—Atwell Cornice Co.
Dicfenderfer & Bressler
Texas Cornice Works
GAINESVILLE—Basley, L. M.
Calkins, Lee M.
GALVESTON—Browne Slate & Metal Co., 518 Tremont
Durnett, A. A., 2916 H
Fedder, Albert, 2703 Market
Fredericks, W. G., 2309 A
Hoffman & Bro., 2311 Post Office
Lafayette, Albert P., 614 25th
Long, W. T., 2215 Mechanic
Miller, W. H., 2627 O½
Oppermann, H. C., 1811 Market
Peightal & Booth, 2311 A
Schumann & Moroney, 1828 Market
Werner, Geo. P., 1628 Winnie
HILLSBORO—Smith & Tomlinson Co.
HOUSTON—Behee, S. F., 1711 Providence
Bennett, M. D., 1212 Hardy
Berger, Albert, 1606 Congress av.
Brown, Chas. J., 1310 Milam
Eisemann & Beck, 303 Caroline
Feldhake, Bernhard, 1217 Wash'n
Himstedt, W. F., 1208 1-2 Congress
Holtkamp's Tin & Sheet Metal Works, 620 Travis
Mackrell, Jas. L., 1601 Hardy
Murray, Albert A., Jr., cor. Willow & Baker
Necco & Eisemann, 703 Franklin
Prevato, J. P., 808 Texas av.
Puls, Henry, Jr., 1401 Wash'n
Schlom, M. J., 505 Preston av.
Shannon, G. S., cor. Preston & Dowling
MARSHALL—Logan & Whaley
PARIS—Allen, M. F. Hdw. Co.
SAN ANTONIO—Jewett Cornice & Roofing Co.
San Antonio Sheet Metal Wks.
Vodrie & Co.
Walsh, T. P.
SHERMAN—Roberts, Sanford & Taylor Co.
Walsh Hdw. Co.
TERRELL—Muckleroy & Dew
TYLER—Daglish Merc. & Mfg. Co.
VICTORIA—Mackrell, W. H.
WACO—Lewis, W. S.
Strauss, Ed.

UTAH.

EPHRAIM—Jensen, F. Y.
OGDEN—Crosbie & Smith
Newman, H. J.
PROVO CITY—Blumenthal, H. T.
SALT LAKE CITY—Dangerfield Bros. & Richardson, 65 E 2d, S
Mitchell, H., 71 S Slate
Salt Lake Hdw. Co., 42 W 2d, S.

VERMONT.

BURLINGTON—Hathorn, A. C.
LYNDONVILLE—Eaton, J. C. & Co.
MONTPELIER—Davis, E. E.
POULTNEY—Horton, M. J. & Son
RANDOLPH—Lamson, J. H.

VIRGINIA.

CHARLOTTESVILLE—Gillespie & Kelly
Thomas, R. L.
DANVILLE—Hodnett, Voss & Watson Co.
Piedmont Hdw. Co.
HAMILTON—Myers, R. L.
HAMPTON—Copeland, J. F.
Council, J. C.
HARRISONBURG—Saum, Jno. R.
LEXINGTON—Beckwith, A. B.
LYNCHBURG—Dornin, T. B. Co.
Dinguid, M. M. & Co.
Doherty & Casey
Noel, M. B.
MANASSAS—Davis & Bro.
NEWPORT NEWS—Richter & Brittingham
NORFOLK—Battley, Geo. W., 341 Church
Bohn Roofing & Cornice Co., 11 Plume
RICHMOND—Burton, Reuben, 819 E Cary
Hackett, R. & Co., 1004 Basin
STAUNTON—Garber, A. M.
SUFFOLK—Farley, W. J.
Weyhmann, Max
WARRENTON—Houchens, T. M.

WASHINGTON.

COLFAX—Kuhn Hdw. Co.
ELLENSBURGH—Hornbeck & Bullard
HOQUIAM—Fesenfeild, W.
N. YAKIMA—Barton, D. R.
Sawbridge, Jno.
Yakima Hdw. Co.
OLYMPIA—Binheimer, W. W.
Jones, M. W.
Olympia Hdw. Co.
SEATTLE—Clark, T. F., Co., Commercial Dock
Covey Bros., 51 1st av. S.
Dale Plumbing, Heating & Cornice Co., 112 Marion
Noon, T. A., 1807 7th av.
Puget Sound Sheet Metal Works, 1318 Western av.
Washington Cornice Co., 1301 Western av.
SPOKANE—Brown Bros., 2d & Wash'n
Brown, Wm., 164 Post
Schrimpf, Chas. G., 25 Monroe
Woodward, J. D.
TACOMA—Cizek, A. F., 1325 South C.
Miller, Edw. Cornice & Roofing Co., 1114 Commerce
Sexton Cornice & Roofing Co.
VANCOUVER—Healey, J. J.
WATERVILLE—Carpenter & Maltbie
WHATCOM—Munro, Blake & Haskell

WEST VIRGINIA.

BERKLEY SPRINGS—Ambrose, C. P. & Bro.
CHARLESTON—Brawley, D. A.
Shawver, W. F. & Co.
CHARLESTOWN—Easterday & Co.
HUNTINGTON—Hagan & Co.
MARTINSBURG—Moore & Gardner
Wolfes, Hy. D.
WHEELING—Bayha, D. H., 1918 Main
Caldwell, B. F. & Co., 1508 Main

WISCONSIN.

APPLETON—Schlafer Hdw. Co.
Tesch, Wm.
ASHLAND—Ashland Hdw. Co.
French, R. W. & Son
Garnich, E.
BARABOO—Gaskell, F. N.
Lee & English
Marriott Bros.
BELOIT—Watson & Andree
EAU CLAIRE—Eau Claire Cornice & Htg. Co.
Hobbs, W. H.
EVANSVILLE—Baker, F. A. & Co.
FOND DU LAC—Cheney, S. H.
GREEN BAY—Danz, H.
Hansen & Co.
Harris, Theo. E.
Lucas, D. & Son
HARTFORD—Esser & Schmidt
Kissel, L. & Sons
JANESVILLE—Lowell Hdw. Co.
Sheldon, A. H. & Co.
Truesdill, E. A.
KAUKAUNA—Butler Bros.
Haas & Hohmann
KENOSHA—Dewey, C. A.
English, Jno. J.
Fay, Geo. W.
Jansen, T. E.
Reber, Hamer
Schulz, H. C.
Skidd, Chas.
LA CROSSE—Badger Steel Roofing & Corrugating Co., 728 N. 3d
Dittman, Fred, 129 S. 4th
Gass, Anthony, 415 S. 3d
Gateway Steel Tank & Roofing Co., 9th & Green Bay
La Crosse Steel Roofing & Corrugating Co., 311 State
MILWAUKEE—Beach & Tonnsen, 51 3d
Biersach & Niedermeyer Co., 216 5th
Bogenberger, F., & Bro., 269 6th
Cox, Jos. L., 138 6th
Feix & Goethel, 818 Winnebago
Green, D. D. 215 6th
Hoffmann & Baur, 279 Lake
Klubertanz & Strohmeyer, 2325 Fon du Lac av.
Merz, J., & Co., 828 Winnebago
MILWAUKEE CORRUGATING CO. (Also Copper). (See adv. index, end of book)
Roeder, Chas. E., 1160 5th
Schmitt, F. & Sons Co., 301 4th
Wisconsin Sheet Metal Works, 345 33d av
MINERAL POINT—Penhallegon, John J.
OSHKOSH—Krippene Hdw. Co.
REEDSBURG—Siefert Bros.
RICHLAND CENTRE—Chandler & Lamberson
Strang, G. H.
SCOTT—Leifer, G. A.
SUPERIOR—Arnold & Schimmel
Bingham Hdw. Co.
Carlson Bros.
Holmes, E. A. & Bro. Co.
WATERTOWN—Kusel, D. & F. Co.
Pritzlaff, W. G. & Co.
Weber, Wm.
WASHBURN—Ungrodt, B.
WAUWATOSA—Smith-Russell Co.

WYOMING.

BUFFALO—Astell, Geo. T.
Munkros & Mather

Corn Poppers

(See Roasters, Peanut.)

Corrugated Arches.

(See Awnings, Corrugated Iron & Steel.)

Corrugated Elbows.

Corrugated Elbow Co., 114 E Liberty, Cincinnati, O.
Edwards Mfg. Co., 119 Sycamore
Lamb & Ritchie, Cambridgeport, Mass.
MILWAUKEE CORRUGATING CO., Milwaukee, Wis. (See adv. index, end of book)
New England Steel Roofing Co., Worcester, Mass.

Corrugated Iron & Steel.

(See Iron & Steel, Corrugated Mfrs.)

Corundum Mfrs.

(See Emery and Corundum Mfrs.)

Corundum Miners & Refiners

Corundum Refineries Co., Buffalo, N. Y.

Cosmic for Polished Steel Surfaces.

Houghton, E. F. & Co., 240 W Somerset, Phila., Pa.

Cotters and Keys.

Brooks, M. S. & Sons, Chester, Conn.
Cincinnati Screw & Tap Co., Cincinnati, O.
Cleveland Tool Co., Cleveland, O.
Climax Tag Co., Dayton, O.
Cobb & Drew (Spring), Plymouth, Mass., & Rock Falls, Ill.
Hindley Mfg. Co. (Steel, Brass & Copper), Valley Falls, R. I.
Hollinger Fence Co., Greenville, O.
Hoopes & Townsend Co., 1330 Buttonwood, Phila., Pa.
Jenckes, E. Mfg. Co., Pawtucket, R. I.
Pickering, R. S., Sharon Hill, Pa.
Pratt, Wm. E. Mfg. Co., 91 Lake, Chicago
Smith, F. P., & Co., Sharon Hill, Pa.
Standard Tool Co., 1260 Central av., Cleveland, O.
Standard Tool Co., Cleveland, O.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)
Wire Goods Co., Worcester, Mass.

Cotton Caulking

Estes, John H., & Son, Fall River, Mass.

Cotton Compresses.

Bierce, Wm. W. (Ltd.) ("Bierce 20th Century" Hydraulic), Hennen bldg., New Orleans, La.
Dickson Car Wheel Co., Houston, Tex.
Merchants' Compress Co., Cotton Exch, N. Y.
Planters' Compress Co., 131 State, Boston, Mass., & 17 State, New York
Reading Iron Co., Reading, Pa.
Vulcan Works, Chester, Pa.
Webb Press Co., Minden, La.

Cotton Duck & Canvas.

Ashland Mfg. Co., 16 Light, Baltimore, Md.
Baker, Carver & Morrell, 75 Front, New York
Boston Duck Co., Bondsville, Mass.
Boyle, John & Co., 112 Duane, New York
CARPENTER, GEO. B. & CO., 202 S. Water, Chicago, Ill. (See adv. index, end of book)
Dallas Cotton Mills, Dallas, Tex.
De Grauw, Aymar & Co., 34 South, New York
Dickey, W. J. & Sons, 16 Light, Baltimore, Md.
Mills, Oella, Md.
Falls Co. (Ticks, Awnings, Ducks, etc.), Norwich, Conn.
Fitchburg Duck Mills (Belting & Hose Duck), Fitchburg, Mass., & 78 Chauncey, Boston, Mass.
Gary, J. S. & Sons (Awning Stripe, etc.), Alberton, Md.
Hoffman-Corr Mfg. Co., 107 Duane & 16 Thomas, New York; 413 Market, Phila, Pa.; 570 Loomis, Chicago, Ill., & 118 Bay, Toronto, Can. Factories, Phila., Pa., & Fitchburg, Mass.
Hogansville Mfg. Co., Hogansville, Ga.
Lawrence Duck Co., Lowell Mass.
Lowell Weaving Co. (Fine Sail Cloth Ducks), Lowell, Mass.
Massachusetts Cotton Mills (Duck, Stripes & Awnings), Lowell Mass.
Moorhead Cotton Mills (Inc.), Moorhead, Miss.
Pemberton Co. (Awning Ticks), Lowell, Mass.
Plymouth Woolen & Cotton Co. (Sail & Wide Duck), Plymouth, Mass.
Princeton Mfg. Co., Athens, Ga.
Savage Mfg. Co., Savage, Md.
Sherman Cotton Mill, Sherman, Tex.
Shetucket Co., Norwich, Conn.
Thorndike Co. (Awning Stripes, etc.), Thorndike, Mass.
Turner, J. Spencer., Co. (Rep. U. S. Cotton Duck Corp.), 86 Worth, New York
United States Cotton Duck Corp. (Duck for Belting, Hose, Sails, etc.; also Awning Stripes & Canvas for Wagon Covers, Tarpaulins, etc.), Baltimore, Md.
Upson-Watson Co. (Wholesale), Cleveland, O.
Warren Mfg. Co., Warren, Md.
Whitehurst Belting Co., Baltimore, Md.
Williams Duck Mills, Moodus, Conn.

Cotton Gins.

(See Cotton Ginning Machinery.)

Cotton Ties.

(See Ties, Cotton.)

Cotton & Wool Waste Mfrs.

Adams Bros., 571 Atlantic av, Boston, Mass.
Allison, G. F. & Co., Utica, N. Y.
Barlow, S. A., North Dighton, Mass.
Barton & Cookson, Fitchburg, Mass.
Bishop, Robt., Mfg. Co., 157 W. 6th, Boston, Mass.
Blaisdell, S., Jr., Co., Chicopee, Mass.
Blakeley, Jno. & Son (Cotton & Wool), 1085 Gtn av, Philadelphia, Pa.
Bork, Albert, Camden, N. J.
Bowers', James Sons (Ltd.), Chester, Pa.
Bowman, D. F., New Albany, Ind.
Bradford, Lewis & Son, Walpole, Mass.
Briggs, H. A., & Co., Pawtucket, R. I.
BRODERICK & BASCOM ROPE CO., 809 N Main, St. Louis, Mo., & 33 South, N. Y. (See adv. index, end of book)
Brooks, Geo. B., 299 Canal, Providence, R. I.
Capron, Chas. C. (Wool), Uxbridge, Mass.
Cheney, P. C. Co. (Cotton), Manchester, N. H.
Coburn, Walter & Co., 14 Wannalancit, Lowell, Mass.
Crefeld Waste & Batting Co., Saylesville, R. I.
Davis, Wm. S. (Wool Yarns for Car Box Waste, etc.), Manayunk, Phila., Pa.
Devlin, Chas. (Cotton & Wool), Hilton & Kensington, Phila., Pa.
Dighton Waste Co., North Dighton, Mass.
Dixon, Wm. F. & Son (Cotton & Wool), Manayunk, Philadelphia, Pa.
Egan, K. & Co. Baltimore Waste Co., Baltimore, Md.
Estes, J. H. & Son (Cotton), Falll River, Mass.
Frankford Waste Co., Fkd.. Phila., Pa.
Franklin Mfg. Co. (Wool Waste), Franklin, Pa.
Fredlander, Julius & Co. (Cotton Waste & Linters), Columbus, Ga.
Gallagher, D. J. Mfg. Co., 283 S Canal, Chicago
Graves, Frank B. (Wool), Albany, N. Y.
Hagy, J. Milton, Waste Works (Ltd.), Bourse bldg., Phila., Pa.
Hall & Co., Manayunk, Phila., Pa.
Hardy, John, Fitchburg, Mass.
Hill & Cutler, 567 Atlantic av, Boston, Mass.
Hoffman-Corr Mfg. Co., 107 Duane & 16 Thomas, New York; 413 Market, Phila, Pa.; 570 Loomis, Chicago, Ill., & 118 Bay, Toronto, Can. Factories, Phila, Pa., & Fitchburg, Mass.
Houghton, E. F. & Co. (Cotton), 240 W. Somerset, Phila., Pa.
Lehmer, Jos. R. (Dealer), 1212 Farnam, Omaha, Neb.
LESCHEN, A. & SONS ROPE CO., 920 N 1st, St. Louis, Mo.; 137 E Lake, Chicago; 163 Wash'n, New York, & 1717-23 Arapahoe, Denver, Colo. (See adv. index, end of book)
Lewis, Jas. B. (Cotton Wiping Waste), Walpole, Mass.
Lewis Bros., Fall River, Mass.
Lillie, Dexter, P. & Co., Indian Orchard, Mass.
Lowell Waste Co., Lowell, Mass.
Massassoit Mfg. Co., Fall River, Mass., & 56 Leonard, New York
Mayo, A. N. & Co., Springfield, Mass.
Milton, Hagy J. Waste Works (Ltd.), Bourse bldg., Phila., Pa.
Mohawk Mfg. Co. (Cotton & Wool), Oswego, N. Y.
Moore, Geo. C. (Wool), N Chelmsford, Mass.
Olmstead & Tuttle Co., Chicopee, Mass.
O'Neill Bros. (For R. R. Purposes, etc.), Columbia av & Howard, Phila., Pa.
Peck, Asa & Co. (Cotton & Wool), Providence, R. I.
Railway Supply & Mfg. Co. (Inc.), 1242 Harrison av, Cincinnati, O.; 100 B'way, New York; 23 Wormwood S. B., Boston, Mass. Park bldg., Pittsburg, Pa.; Great Northern bldg., Chicago, Ill., & Guaranty bldg., Minneapolis, Minn.
Riverside Mills, Augusta, Ga.
Rodney, Wallace, Fitchburg, Mass.
Southern Waste Works (Ltd.), 16th & Carpenter, Phila., Pa.
Springfield Waste Co. (Cotton Packing & Wiping Waste, Springfield, Mass.
Sykes, David (Also Wool & Wool Waste for Railroads), Dauphin & Amber, Phila., Pa.
Troy Waste Mfg. Co.. Troy, N. Y.
Union Wadding Co. (Wiping), Pawtucket, R. I.
Wallace, Rodney, Fitchburg, Mass.

Counter Supports

Bethlehem Foundry & Machine Co. (Cast Iron, Etc.), South Bethlehem, Pa.

Counterbores.

Clough, R. M. (For Round Head Cap Screws, etc.), Tolland, Conn.
National Twist Drill & Tool Co. ("National," Solid), Detroit, Mich.
Reading Machine & Tool Co. (Adjustable & Facing Bars), Reading Pa.
Waltham Watch Tool Co., Springfield, Mass.

Counters (Revolution)

(See Indicators, Speed.)

Countershafts.

American Tool Works Co., 6th & Eggleston av, Cincinnati, O.; 120 B'way, New York, & Frick bldg., Pittsburg, Pa.
Bardons & Oliver (Double Friction), 20 Water, Cleveland, O.
Bates Machine Co., Joliet, Ill.
Brown & Sharpe Mfg. Co., Providence, R. I.
Builders' Iron Foundry, Providence, R. I.
Challenge Machine Co., 3223 Turner, Phila., Pa.
Cresson, Geo. V., Co., Allegheny av W. of 17th, Phila., Pa., & 141 Liberty, New York
Diamond Machine Co., Providence, R. I.
Dodge Mfg. Co., Mishawka, Ind.; 45 Dey, New York; 168 S Clinton, Chicago; 137 Purchase, Boston, Mass., & 128 W 3d, Cincinnati, O.
Fairmount Machine Co., 2108 Wood, Phila., Pa.
Frick Co., Waynesboro, Pa.
Fulton Machine Co. (Self-Oiling), Canal Fulton, Ohio
Garvin Machine Co., 137 Varick, N. Y.
Holmes, E. & B. Machinery Co. (Variable Speed, etc.), 59 Chicago, Buffalo, N. Y.
Hickok, W. O. Mfg. Co., Harrisburg, Pa.
Lane Mfg. Co., Montpelier, Vt.
Lodge & Shipley Machine Tool Co., 3055 Colerain av, Cincinnati, O.
Manning, Maxwell & Moore, 89 Liberty, N. Y.; 22 S Canal, Chicago, Ill.; Park bldg., Pittsburg, Pa.; Williamson bldg., Cleveland, O., & 126 Oliver, Boston, Mass.
Myers, F. E. & Bro., Ashland, O.
National Machine Tool Co., 208 Lawrence, Cincinnati, O.
Oesterlein Machine Co. (Friction Clutch), Elam & Garrard av, Cincinnati, O.
Pratt & Whitney Co., Hartford, Conn.
Prylbil, P., 512 W 41st, New York
Quint, A. D., Hartford. Conn.
Reeves Pulley Co., Columbus, Ind.
Rumsey & Co., Ltd. (Inc.), Seneca Falls, N. Y.
Smith Countershaft Co. (Reversing for Machine Tools), Melrose, Mass.
Speed Changing Pulley Co. (Variable Speed), Indianapolis, Ind.
STURTEVANT, B. F., CO. (for Fans), Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S Clinton, Chicago; 125 N 3d, Philadelphia, Pa.; 131 Liberty, New York, & 147 Queen Victoria st, London, England. (See adv. index, end of book)
Warner & Swasey Co. (Double Friction), 57 E Prospect, Cleveland, Ohio
Wells Bros. Co., Greenfield, Mass.
Wiley & Russell Mfg. Co., Greenfield, Mass.
Wilmarth & Morman Co. (Wilmarth Friction), Grand Rapids, Mich.

Countersinks.

Billings & Spencer (Drop Forged), Hartford, Conn.
Buck Bros. (Flat, Rose & Snail), Millbury, Mass.
Buck, Chas., Millbury, Mass.
Butterfield & Co., Derby Line, Vt.
Cincinnati Tool Co. ("Hargrave's Adjustable"), Waverly av & C., L. &N. Ry., Cincinnati, O.
Cleveland Twist Drill Co., cor. Lake & Kirtland, Cleveland, O.
Deuse, J. S., Chester, Conn.
Goodell-Pratt Co., Greenfield, Mass.
Humphreysville Mfg. Co., Seymour, Conn.
Hunter, J. B., & Co. ("Henry" for Wood & Metal), 60 Summer, Boston, Mass.
Jennings, C. E. & Co., 42 Murray, N. Y.
Johnson, Wm., 249 Plane, Newark, N. J.
Mayhew, H. H. Co., Shelburne Falls, Mass.
Morse Twist Drill & Machine Co., New Bedford, Mass.
National Twist Drill & Tool Co. ("National" Bit Stock), Detroit, Mich.
Polk, A. J. & Son (For Drilling Machines, etc.), Millersburg, Pa.
Smith, Otis A. (For Wood Workers), Rockfall, Conn.
Snell Mfg. Co., Fiskdale, Mass.
Springfield Machine Screw Co., Springfield, Mass.
Standard Tool Co., 260 Central av, Cleveland, O.
Stanley Rule & Level Co., New Britain, Conn., & 107 Chambers, New York
Stevens, J. Arms & Tool Co., Chicopee Falls, Mass.
Swan, Jas. Co., Seymour, Conn.
Syracuse Twist Drill Co., Syracuse, N. Y.
Tuck Mfg. Co., Brockton, Mass.
Vaughan & Bushnell Mfg. Co., 877 Carroll av, Chicago
Wells Bros. Co., Greenfield, Mass.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago; Akron,, O., & 111 Chambers, New York. (See adv. index, end of book)
Wiley & Russell Mfg. Co., Greenfield, Mass.

Couplers (Car).

American Steel Foundries, Main Office, 74 B'way, New York; Fisher bldg., Chicago, Ill.; St. Louis, Mo., & Frick bldg., Pittsburg, Pa.
Automatic Steam & Air Coupler Co., Albany, N. Y.
Buckeye Steel Castings Co. ("Buckeye" & "Major"), Columbus, O.
Chester Steel Castings Co., Chester, Pa., & 407 Sansom, Philadelphia, Pa.
Consolidated Car Heating Co., Albany, N. Y.
Dayton Malleable Iron Co., Dayton, O.
Erie Car Works, Erie, Pa.
Forsyth Automatic Air & Steam Coupler Co. (Automatic Air & Steam), "The "Rookery," Chicago, Ill.
Gould Coupler Co., 1 W. 34th, New York; Rookery bldg., Chicago; Commercial bldg., St. Louis, Mo. Works, Depew, N. Y.
Hinson Mfg. Co., 234 La Salle, Chicago
Insert Knuckle Co. (Sharp Curve Automatic), Indianapolis, Ind.
Latrobe Steel & Coupler Co., Old Colony bldg, Chicago; Melrose Park, Ill.; Girard bldg, Philadelphia, Pa., & 11 B'way, New York
Lima Locomotive & Machine Co., Lima, Ohio
McConway & Torley Co. ("Kelso" & "Janney," Made from Open Hearth Cast Steel), 48th & A. V. Ry., Pittsburg, Pa.
McLaughlin Car Coupler Co., Hutchinson & Columbia av, Phila., Pa.
Michigan Malleable Iron Co., Detroit, Mich.
National Car Coupler Co. (Passenger & Freight), "National," Monadnock bldg, Chicago, Ill., & 150 B'way, N. Y. Works, Converse, Ind.
National Malleable Casting Co. (Tower), Cleveland, Chicago, Indianapolis & Toledo
New York Car Wheel Co., Buffalo, N. Y., & 771 G'wich, New York
Pratt & Letchworth Co. (Pooley), 189 Tonawanda, Buffalo, N. Y.
Pittsburg Steel Foundry, Pittsburg, Pa. Works, Glassport, Pa.
Railroad Supply Co., Bedford bldg., Chicago; 118 Liberty, N. Y.; 109 Endicott Arcade, Mo.
Reliance Steel Casting Co. (Ltd.), Pittsburg, Pa.
RUSSELL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
Smillie Coupler & Mfg. Co., Newark, N. J., & 39 Courtlandt, N. Y.
St. Louis Car Roof Co., 405 N 6th, St. Louis, Mo.
Standard Coupler Co., 160 Broadway, N. Y.; Works, Bridgeport, Conn.
Syracuse Malleable Iron Works, Syracuse, N. Y.
Thornburgh Coupler Attachments Co., Majestic bldg, Detroit, Mich.
Trojan Car Coupler Co., Troy, N. Y.; 36 Wall, N. Y.; Monadnock blk, Chicago
Troy Malleable Iron Co. ("M. C. B."), Troy, N. Y.
Van Dorn, W. T., Monadnock blk, Chicago
Washburn Coupler Co., Guaranty bldg, Minneapolis, Minn.
Wells, F. L. (The California), 116 S Clinton, Chicago, Ill.
Westinghouse Air & Steam Coupler Co., 1923 N Broadway, St. Louis, Mo
Whiteley Malleable Castings Co., Muncie, Ind.
Wilmington Malleable Iron Co., Wilmington, Del.
Yale, Julian & Co. (the Buckeye), The Rookery, Chicago

Couplers (Shaft & Pole)

Bradley, C. C. & Son, Syracuse, N. Y.
Catham, Chas. (Open Head), Beloit, Wis.
Eccles Richmond Co. (Ball Bearing), Auburn, N. Y.
Empire State Shaft Coupling Co., Utica, N. Y.
Jerseyville Novelty Works ("McNair's"), Jerseyville, Ill.
Morrell, Osgood, Amesbury, Mass.
Mulholand Co., Dunkirk, N. Y.
Queen City Forging Co., Cincinnati, O.

Couplings (Air Hose)

CHICAGO TOOL & SUPPLY CO., 356 Dearborn, Chicago, Ill. (See adv. index, end of book)
Cleveland Pneumatic Tool Co. ("Bowes"), Cleveland, O.
Moran Flexible Joint Co. (All Metal Flexible, also for Steam or Liquid), Louisville, Ky.
Pedrick & Ayer Co. ("Self Closing"), 87 Liberty. Works, Plainfield, N. J.
PHILADELPHIA PNEUMATIC TOOL Co. ("Keller"), 21st st & Allegheny av, Philadelphia, Pa.; 149 B'way, New York; Farmers' B'k bldg., Pittsburg, Pa.; Marquette bldg., Chicago, Ill., & 150 Beale. San Francisco, Cal. (See adv. index, end of book)

Couplings (Bell Cord)

Creamer, W. G. & Co., 96 John, N. Y.
Handlan-Buck Mfg. Co. (The Shelby), 212 N 3d St. Louis, Mo.
Smith & Wallace (Register Cord for Street Railways), Woburn, Mass.
Sterling-Meaker Co. ("Triton"), Newark, N. J.
STOWELL MFG. & FOUNDRY CO., South Milwaukee, Wis. (See adv. index, end of book)

Couplings (Boiler)

Campbell, J. B. Brass Works, Erie, Pa.
Exeter Brass Works, Exeter, N. H.
Forest City Brass Works, Cleveland, O.
Hoffman, Billings Mfg. Co., 96 2nd, Milwaukee, Wis.
Lawler Water Feed &Damper Regulator Co. ("Lawler's" Protector), 181 Mercer, New York
Mueller, H. Mfg. Co., Decatur, Ill.
Nunn Brass Works (Inc.), Rochester, N. Y.
Spence Mfg. Co., 279 Park, Milwaukee, Wis.
Western Tube Co. (Iron & Brass), Kewanee, Ill. Sales offices, 204 Dearborn, Chicago, Ill.; 15 Park Row, N. Y.; Security bldg., St. Louis, Mo.; Lumber Exch., Minneapolis, Minn.; Mills bldg., San Francisco, Cal., and Tulane-Newcomb bldg., New Orleans, La.

Couplings (Clamp)

American Tool & Machine Co., 109 Beach, Boston
Cresson, Geo. V. Co. (Internal, etc.), 18th & Allegheny av, Phila., Pa., & 141 Liberty, N. Y.
Dodge Mfg. Co. ("The Grim Death"), Wishawaka, Ind.
Great Western Mfg. Co., Leavenworth, Kan.
Klein, Chas. C., 2850 N Marshall, Phila., Pa.

Couplings (Closet)

Hydraulic Specialty Co. ("Universal"), 427 Walnut, Philadelphia, Pa.
Illinois Malleable Iron Co., 30 W. Monroe, Chicago, Ill.
Ohio Brass & Iron Mfg. Co., Cleveland, O.
McShane, Henry Mfg. Co., Baltimore, Md.
Park & McKay Co., Detroit, Mich.
Republic Rubber Co., Youngstown, O.
Salem Brass & Iron Mfg. Co. (Rubber), Salem, N. J.
Superior Mfg. Co., Cleveland, O.

Couplings (Clutch)

BARTLETT, C. O. & SNOW CO., Cleveland, O. (See adv. index, end of book)
Brown, A. & F. Co., 26 Cortlandt, N. Y. Works, Elizabeth, N. J.
BUHL MALLEABLE CO., Wight & Adair, Detroit, Mich. (See adv. index, end of book)
Cresson, Geo. V., Co., Allegheny av W. of 17th, Phila., Pa., & 141 Liberty, N. Y.
Fairmount Machine Co., 2108 Wood, Phila., Pa.
Falls Rivet & Machine Co., Cuyahoga Falls, O., & 208 Fulton, New York
Frick Co., Waynesboro, Pa.
Huntsville Foundry & Machine Works (Nolan & Jones, Props.), Huntsville, Ala.
Jones & Laughlins Steel Co., Pittsburg, Pa.
Medart Patent Pulley Co., 3500 De Kalb av, St. Louis, Mo.
Platt Iron Works Co., Dayton, O., &. 93 Liberty, New York
Poole, Robt. & Son Co., 233 E. German, Baltimore, Md.
Standard Gauge Steel Co., Beaver Falls, Pa.
Vulcan Iron Works, Wilkesbarre, Pa.

Couplings (Compression)

Braddock Machine & Mfg. Co., Braddock, Pa.
Davis, W. P. Machine Co. (for line shafting), Rochester, N. Y.
Estes Mfg. Co., 301 State, Rochester, N. Y.
Garland, M. Co., Bay City, Mich.
Huntsville Foundry & Machine Works (Nolan & Jones, Props.), Huntsville, Ala.
Jones & Laughlins Steel Co., Pittsburg, Pa.
McMurray, C. F., Co., Troy, N. Y.
MINNEAPOLIS STEEL & MACHINEry Co., Minneapolis, Minn. (See adv. index, end of book)
Nicholson, W. H. & Co. (Shaft), Wilkesbarre, Pa.
Plamondon, A. Mfg. Co., 57 S. Clinton, Chicago, Ill.
Poole, Robt. & Son Co. (Shaft), 233 E. German, Baltimore, Md.
Sennett, Geo. B. Co., Youngstown, O.
Shaw Coupling Co., Syracuse, N. Y.
STANDARD GAUGE STEEL CO., Beaver Falls, Pa. (See adv. index, end of book)
Stuart, R. J. (Wedge), New Hamburg, N. Y.
Thomas-Fordyce Mfg. Co., Little Rock, Ark.
Vandergrift Coupling Co., Evansville, Ind.

Couplings (Cut-Off)

Brightman Mfg. Co. (Friction Clutch), Shelby, O.
Brown, A. & F. Co., 26 Cortlandt, N. Y. Works, Elizabeth, N. J.
Carruthers-Fithian Clutch Co., Grove City, Pa.
Cresson, Geo. V., Co., Allegheny av W. of 17th, Ohio, & 208 Fulton, New York
Eastern Machinery Co., New Haven, Conn.
Fairmount Machine Co., 2108 Wood, Phila., Pa.
Falls Rivet & Machine Co., Cuyahoga Falls, O., & 208 Fulton, New York
Friction Pulley & Machine Works, Sandy Hill, N. Y.
Hess-Snyder Co., Massillon, O.
Jacobson Machine Mfg. Co., Warren, Pa.
Jones, W. A., Foundry & Machine Co., 143 North av, Chicago, Ill.
Jones & Laughlins Steel Co., Pittsburg, Pa.
McMurray, C. F., Co. (Hill), Troy, N. Y.
Minster Machine Co., Minster, O.

Moore & White Co., 15th & Lehigh av, Phila., Pa.
Platt Iron Works Co., Dayton, O., & 93 Liberty, New York
Poole, Robt. & Son Co.,233 E. German, Baltimore, Md.

Couplings (Expansion)

Love, C. A. & Bro. (for Connecting Lead & Iron Pipe), Bryn Mawr, Pa.
Ohio Pump & Brass Co. (Expansion Rod), 18th & Oak, Columbus, O.

Couplings (Flange)

American Tool & Machine Co., 109 Beach, Boston, Mass.
Braddock Machine & Mfg. Co., Braddock, Pa.
Columbia Bridge Co., Park bldg., Pittsburg, Pa.
Huntsville Foundry & Machine Co., Huntsville, Ala.
Jefferson Mfg. Co., Lexington, Mass.
MINNEAPOLIS STEEL & MACHINEry Co., Minneapolis, Minn. (See adv. index, end of book)
Nicholson, W. H. & Co. (Compression), Wilkesbarre, Pa.
Pittsburg Steel Shafting Co., Park bldg., Pittsburg, Pa. Works, Rankin, Pa.
Plamondon, A. Mfg. Co., 57 S. Clinton, Chicago, Ill.

Couplings (Friction Clutch)

Allis-Chalmers Co., office, Home Ins. bldg. Works, Chicago, Milwaukee & Scranton, Pa.
Blakeslee Mfg. Co. (Automatic), Birmingham, Ala.
Brightman Mfg. Co. (Cut-off), Shelby, O.
Brown, A. & F. Co., 26 Cortlandt, N. Y. Works, Elizabeth, N. J.
Cresson, Geo. V., Co., Allegheny av W. of 17th, Phila., Pa., & 141 Liberty, N. Y.
Eastern Machinery Co., New Haven, Conn.
Fairmount Machine Co., 2108 Wood, Phila., Pa.
Falls Rivet & Machine Co., Cuyahoga Falls, Ohio, & 208 Fulton, N. Y.
Great Western Mfg. Co., Leavenworth, Kan.
Hill Clutch Co., ft Waverly av, Cleveland, O.
Medart Patent Pulley Co., St. Louis, Mo.
MINNEAPOLIS STEEL & MACHINEry Co., Minneapolis, Minn (See adv. index, end of book)
Nordyke & Marmon ("Falls"), Indianapolis, Ind.
Oesterlein Machine Co., Garrard av & Elam, Cincinnati, O.
Plamondon, A. Mfg. Co., 57 S. Clinton, Chicago, Ill.
Platt Iron Works Co., Dayton, O., & 93 Liberty, New York
Poole, Robt. & Sons Co., 233 E. German, Baltimore, Md.
Vulcan Iron Works, Wilkesbarre, Pa.

Couplings (Hose)

Acme Brass Works, 147 Baxter, N. Y.
Allen Fire Department Supply Co., Providence, R. I.
Allen, W. D. Mfg. Co. (Plain & Automatic), 151 Lake, Chicago
Boston Coupling Co. (Fire Hose), 156 Pearl, Boston, Mass.
Boston Woven Hose & Rubber So., Executive Office & Factory, Cambridgeport, Mass.; Stores, 116 Duane, New York; 185 Lake, Chicago, Ill.; Cleveland, O.; San Francisco, Cal., & Boston, Mass.
Buckley-Hart Mfg. Co., 527 Franklin, Detroit
Callahan, C. Co., 127 Purchase, Boston
CHICAGO TOOL & SUPPLY CO., 356 Dearborn, Chicago, Ill. (See adv. index, end of book)
Clark, W. J. Co. ("Quick-as-Wink"), Salem, O.
Combination Ladder Co., 366 Fountain, Providence, R. I.
CRANE CO. (Est. 1855), 10 N Jefferson, Chicago, New York, Phila., St. Louis, Kansas City, Sioux City, Omaha, Los Angeles, San Francisco, Portland, Ore.; Seattle, Wash.; Spokane, Wash., & Salt Lake City, Utah. (See adv. index, end of book) adv. index, end of book)
Diamond Stamped Ware Co. (Garden), Detroit
Eastwood Wire Mfg. Co., Belleville, N. J.
Eaton, Cole & Burnham Co., 253 B'way, N. Y.
Edson Mfg. Co., 257 Atlantic av, Boston, Mass.
Globe Brass Co., Detroit, Mich.
Grand Rapids Hose Coupler Co. (Also Samson Hose Menders), Grand Rapids, Mich.
Handlan-Buck Mfg. Co., 212 N 3d St. Louis, Mo.
Hotchkiss, E. M. Co. ("The World"), New Haven, Conn.
INGERSOLL-SERGEANT DRILL CO. (Pneumatic Tool), 26 Cortlandt, N. Y. Offices—Old Colony bldg., Chicago, Ill.; Williamson bldg., Cleveland, O.; Arcade bldg., Phila., Pa.; Park bldg., Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg., St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 1st av, Seattle, Wash.; Corestine bldg., Montreal, Canada; Mexico City, Calle 2a de Dolores, No. 20, Mexico, D. F.; London, Eng., 114a Queen Victoria st; Paris, France, 51 Rue de la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence st; Kalgooris, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co.; Lima, Peru, W. R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv. index, end of book)
Libby Mfg. Co., 147 Varick, New York
Lupper, Wendel (Brewers), 216 Locust, St. Louis, Mo.
Morse, Andrew J. & Son, 140 Congress, Boston
NATIONAL SUPPLY CO. (All Sizes) 7 W. Lombard, Baltimore, Md. (See adv. index, end of book)
Neumeyer, H. F. ("Never Slip"), Macungie, Pa.
Pioneer Brass Works ("Rice" Expansion Ring), Indianapolis, Ind.
Pleuger & Henger Mfg. Co., 11th & Herbert, St. Louis, Mo.
Queen City Brass & Iron Works (Expansion, etc.), Cincinnati, O.
Sherman, H. B. Mfg. Co., Battle Creek, Mich.
Springfield Brass Co., Springfield, O.
Walworth Mfg. Co., 132 Federal, Boston, Mass.
Waterbury Rubber Mfg. Co., 49 Warren, N. Y.
Whitman & Barnes Mfg. Co., West Pullman, Chicago; Akron, O., & 111 Chambers, N. Y.

Couplings (Lead Flange)

Mueller, H. Mfg. Co., Decatur, Ill.
Ohio Pump & Brass Co. (Also Iron Flanged), 18th & Oak, Columbus, O.

Couplings (Mine Car)

BRODERICK & BASCOM ROPE CO., 809 N. Main, St. Louis, Mo., & 33 South, New York. (See adv. index, end of book)

Couplings Pipe)

Belknap Mfg. Co., Bridgeport, Conn.
CRANE CO., Est. 1855, 10 N Jefferson, Chicago; New York, Philadelphia, St. Louis, Kansas City, Sioux City, Los Angeles, San Francisco, Omaha, Portland, Ore.; Seattle, Wash.; Spokane, Wash., & Salt Lake City, Utah. (See adv. index, end of book)
Cuyler & Mohler, 2324 Boston, Baltimore, Md.
Dayton Pipe Coupling Co., Dayton, O.
Illinois Malleable Iron Co., 30 W. Monroe, Chicago, Ill.
Kelley & Jones Co. ("Kelly"), 135 Water, Pittsburg; 15 Park Row, New York, & 59 Clark, Chicago, Ill. Works, Greensburg, Pa.
Monash-Younker Co., 203 So Canal, Chicago
Mueller, H. Mfg. Co., Decatur, Ill.
New Haven Novelty Machine Co., New Haven, Conn.
Standard Engineering Co., Elwood City, Pa.
Strater, Herman & Sons, 74 Sudbury, Boston, Mass.

Couplings (Rod)

Rumsey & Co., Ltd. (Inc.) (for Iron Rods), Seneca Falls, N. Y.

Couplings (Sewer Conduit Rod)

Bond, Harold L., Co., 142 Pearl, Boston, Mass.

Couplings (Shaft)

Almond T. R. (Angular or Quarter Turn Countershaft), 83 Wash'n, Brooklyn, N. Y.
Barnard & Leas Mfg. Co., Moline, Ill.
Blakeslee Mfg. Co., Birmingham, Ala.
Brown, A. & F. Co., 26 Cortlandt, N. Y. Works, Elizabeth, N. J.
Buhl Malleable Co., Detroit, Mich.
Caldwell, H. W. & Son Co., Chicago, Ill.
Case Mfg. Co., Columbus, O.
Chickasaw Iron Works, Memphis, Tenn.
Co-Operative Foundry Co., Detroit, Mich.
Cresson, Geo. V., Co., Allegheny av W. of 17th, Phila., Pa., & 141 Liberty, N. Y.
Davis, W. P. Machine Co., Rochester, N. Y.
Diescher Coupling Co., 41st & A. V. R. R., Pittsburg, Pa.
Dodge Mfg. Co., Mishawaka, Ind.; 45 Dey, N. Y.; 168 S. Clinton, Chicago; 137 Purchase, Boston, Mass., & 128 W 3d, Cincinnati, O.
Ehrsam, J. B. Machine Co., Enterprise, Kan.
Ellicott Machine Co., cor Bush & Severn, Baltimore, Md.
Falls Rivet & Machine Co., Cuyahoga Falls, O.; 54 Purchase, Boston, Mass., & 208 Fulton, N. Y.
FILER & STOWELL CO., Milwaukee, Wis. (See adv. index, end of book)
Franklin Machine Co., Providence, R. I.
Golden's Foundry & Machine Co., Columbus, Ga.
Great Western Mfg. Co., Leavenworth, Kan.
Holyoke Machine Co., Holyoke, Mass.
Hunter, James Machine Co., North Adams, Mass., & 70 Kilby, Boston
Huntsville Foundry & Machine Works (Nolan & Jones, Props.), (Compression, Flange, Clutch, etc.), Huntsville, Ala.
Jones & Laughlins Steel Co., Pittsburg, Pa.
Lane Mfg. Co., Montpelier, Vt.
Lane & Bodley Co., cor John & Water, Cincinnati, O.
Lombard Iron Works & Supply Co., Augusta, Ga.
McMurray, C. F. Co., Troy, N. Y., & 15 Cortlandt, N. Y.
Medart Patent Pulley Co., 3500 De Kalb av, St. Louis, Mo.
MINNEAPOLIS STEEL & MACHINEry Co., Minneapolis, Minn. (See adv. index, end of book)
Nordyke & Marmon Co., Indianapolis, Ind.
Noye Mfg. Co., 50 Lakeview av, Buffalo, N. Y.
Ott, Albert J., Indianapolis, Ind.
Plamondon, A. Mfg. Co., 57 S. Clinton, Chicago, Ill.
Platt Iron Works Co., Dayton, O., & 93 Liberty, New York
Poole, Robt. & Son Co., 233 E. German, Baltimore, Md.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.
STANDARD GAUGE STEEL CO., Beaver Falls, Pa. (See adv. index, end of book)
Stuart, B. J., New Hamburg, N. Y.
Thomas Mfg. Co., Little Rock, Ark.
Union City Foundry Co., Union City, Pa.
Vandergrift Coupling Co. (Line Shaft), Evansville, Ind.
Vulcan Iron Works, Wilkesbarre, Pa.
Witte Iron Works Co., Kansas City, Mo.

Couplings (Soldering)

Campbell, J. B., Brass Wks., Erie, Pa.

Couplings (Sucker Rod)

Rumsey & Co., Ltd. (Inc) (Wrought Forged), Seneca Falls, N. Y.

Couplings (Water Back)

Campbell, J. B., Brass Wks., Erie, Pa.
Forest City Brass Works, Cleveland, O.

Couplings (Wire Rope)

BRODERICK & BASCOM ROPE CO., 809 N. Main, St. Louis, Mo., & 33 South, New York. (See adv. index, end of book)
Durable Wire Rope Co., 28 Atlantic av, Boston, Mass.

Covers (Annealing)

Columbian Boiler Co., Columbus, O.

Covers (Battery Jar)

American Hard Rubber Co., 11 Mercer, New York
Dickinson Hard Rubber Co., Springfield, Mass.
Duranoid Mfg. Co., 28 Prospect, Newark, N. J.

Covers (Binder)

WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)

Covers (Catch Basin)

STURTEVANT, B. F., CO., HYDE Park, Mass.; 34 Oliver, Boston, Mass,; 281 S. Clinton, Chicago, Ill.; 133 N. 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria, London, Eng. (See adv. index, end of book)

Covers (Subway Manhole)

AMERICAN BRAKE SHOE & FOUN- dry Co., Mahwah, N. J. Branches, 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)

Crabs (Hoisting)

BROWN HOISTING MACHINERY CO., 1345 St. Clair, Cleveland, O., & 26 Cortlandt, N. Y. (See adv. index, end of book)
CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y., & 42 Dey, New York. (See adv. index, end of book)
FAIRBANKS, MORSE & CO. (Wind- mill, etc.), Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av., St. Louis; 1217 Union av., Kansas City; 234 E. 3rd, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Niles Mine & Mill Supply Co., Cleveland, O., & Niles, O.
Round, D., & Son, 2287 B'way. Cleveland, O.

Cradles (Grain).

Bovee, Sam'l B., Cogan Station, Pa.
Brown, Hinman & Huntingdon Co., Columbus, O.
Fisher, Thos. C., Anderson, Ind.
Iowa Farming Tool Co., Ft. Madison, Ia.
McGuire, B. C. J., Wilmore, Pa.
Miller, J. B. & Co., Washington, Pa.
Withington & Cooley Mfg. Co., Jackson, Mich.

Cranes.

(For various kinds of Cranes see sub-classifications following.)

Alliance Machine Co., Alliance, O.
Box, Alfred & Co., 813 N Front, Phila., Pa.
BROWN HOISTING MACHINERY CO., 1345 St. Clair, Cleveland, O., & 26 Cortlandt, N. Y. (See adv. index, end of book)
BROWNING ENGINEERING CO., Cleveland, O. (See adv. index, end of book)
Byram & Co. (Inc.), 435 Quoin, Detroit, Mich.
CHISHOLM & MOORE MFG. CO., Lake nr Kirtland, Cleveland, O. (See adv. index, end of book)
Case Mfg. Co., Columbus, O.
Chambersburg Engineering Co., Chambersburg, Pa.
Cleveland Crane & Car Co., Wickliffe, O.
Curtis & Co. Mfg. Co. (Air), 2201 Wash'n av, St. Louis, Mo., & 42 S Canal, Chicago, Ill.
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y., & 42 Dey, N. Y. (See adv. index, end of book)
Dodge Coal Storage Co. (Locomotive, Stationary & Revolving), Nicetown, Philadelphia, Pa.; 49 Dey, N. Y., & Park bldg., Pittsburg, Pa.
Farrell Foundry & Machine Co., Ansonia, Conn.
GARRY IRON & STEEL CO., Cleveland, O. (See adv. below)
Harrington, Edw., Son & Co., N 15th & Penna av, Phila., Pa.
Industrial Works, Bay City, Mich.
Lewis Foundry & Machine Co. (Hydraulic, Steam & Hand), 1001 Bingham, Pittsburg, Pa.
Lincoln Iron Works, Rutland, Vt.
Ludlow Valve Mfg. Co., Troy, N. Y., & 62 Gold, New York
Mackintosh-Hemphill & Co. (Ltd.), ft 12th st., Pittsburg, Pa.
McClave, Hamilton & Co., 85 Liberty, New York
MANNING, MAXWELL & MOORE (The "Shaw"), 85, 87 & 89 Liberty, New York, N. Y.; 22, 24 & 26 S Canal, Chicago, Ill.; Park bldg, Pittsburg, Pa.; Williamson bldg, Cleveland, O.; 126 Oliver, Boston, Mass. (See adv. index, end of book)
Maris Bros., 56th & Gray's av, Phila., Pa.
Morgan Engineering Co., Alliance, O.
New Albany Mfg. Co., New Albany, Ind.
N. J. FOUNDRY & MACHINE CO., 15 Murray, New York. (See adv. index, end of book)
Niles-Bement-Pond Co., 136 Liberty, N. Y. Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
NORTHERN ENGINEERING WORKS, Detroit, Mich. (See adv. next page)
Pawling & Harnischfeger, Milwaukee, Wis., & Monadnock blk, Chicago, Ill.
PEDRICK & AYER CO. (Pneumatic), 85, 87, 89 Liberty, New York, N. Y. Works, Plainfield, N. J.
Reading Crane & Hoist Works, Reading, Pa.
Ridgway Craig & Son Co., Coatesville, Pa.
Scaife Foundry & Machine Co., 28th & Smallman, Pittsburg, Pa.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Philadelphia, Pa.
SHAW ELECTRIC CRANE CO., Muskegon, Mich., & 85, 87, 89 Liberty, New York, N. Y.
Shriver, T. & Co., 333 E 56th, New York
Smith, Whitcomb & Cook Co., Barre, Vt.
SPEIDEL, J. G., Buttonwood & Gor- don, Reading, Pa. (See adv. index, end of book)
Toledo Foundry & Machine Co., Toledo, O.
Trethewey, Sam'l & Co., 47th nr Butler, Pittsburg, Pa.
United Engineering & Foundry Co., Farmers Bank bldg., Pittsburg, & Youngstown, O.
Vulcan Foundry & Machine Co., New Castle, Pa.
Vulcan Iron Works (Dock), 5 La Grange, Toledo, O.
Wellman-Seaver-Morgan Co., Cleveland, O., & Akron, O.
WHITING FOUNDRY EQUIPMENT Co., Harvey, Ill. (See adv. index, end of book)

Cranes (Air)

(See Cranes, Pneumatic.)

Cranes (Cantilever)

BROWN HOISTING MACHINERY CO., 1345 St. Clair, Cleveland, O., & 26 Cortlandt, N. Y. (See adv. index, end of book)
Wellman-Seaver-Morgan Co., Cleveland, O.

Cranes (Charging & Drawing)

Alliance Machine Co., Alliance, O.
Morgan Engineering Co., Alliance, O.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Philadelphia, Pa.
WHITING FOUNDRY & EQUIPMENT Co., Harvey, Ill. (See adv. index, end of book)

Cranes (Dock)

BROWN HOISTING MACHINERY CO., 1345 St. Clair, Cleveland, O., & 26 Cortlandt, N. Y. (See adv. index, end of book)
BROWNING ENGINEERING CO., Cleveland, O. (See adv. index, end of book)
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y., & 42 Dey, N. Y. (See adv. index, end of book)
Industrial Works (Steam or Hand), Bay City, Mich.
NORTHERN ENGINEERING WORKS, Detroit, Mich. (See adv. next page)
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Philadelphia, Pa.
WHITING FOUNDRY EQUIPMENT Co., Harvey, Ill. (See adv. index, end of book)

Cranes (Electric Locomotive)

BROWN HOISTING MACHINERY CO., 1345 St. Clair, Cleveland, O., & 26 Cortlandt, N. Y. (See adv. index, end of book)



Cleveland Crane & Car Co. (Up to 5 Tons), Wickliffe, O.
Industrial Works, Bay City, Mich.
NORTHERN ENGINEERING WORKS, Detroit, Mich. (See adv. below)

Cranes (Electric Revolving)

GARRY IRON & STEEL CO., Cleveland, O. (See adv. preceding page)

Cranes (Electric Traveling)

Alliance Machine Co., Alliance, O.
Box, Alfred, & Co., 813 N. Front, Phila., Pa.
BROWN HOISTING MACHINERY CO., 1345 St. Clair, Cleveland, O., & 26 Cortlandt, N. Y. (See adv. index, end of book)
BROWNING ENGINEERING CO., Cleveland, O. (See adv. index, end of book)
Case Mfg. Co., Columbus, O.
Cleveland Crane & Car Co., Wickliffe, O.
General Pneumatic Tool Co. ("Shepard"), Moutour Falls, N. Y.
McClave, Hamilton & Co., 85 Liberty, New York
MANNING, MAXWELL & MOORE, 85, 87 & 89 Liberty, New York; 22, 24 & 26 S Canal, Chicago, Ill.; Park bldg, Pittsburg, Pa.; Williamson bldg, Cleveland, O.; 128 Oliver, Boston, Mass. (See adv. index, end of book)
Morgan Engineering Co., Alliance, O.
New Albany Mfg. Co. (Wooden Girder), New Albany, Ind.
N. J. FOUNDRY & MACHINE CO., 15 Murray, N. Y. (See adv. index, end of of book)
Niles-Bement-Pond Co., 136 Liberty, New York. Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N.J.
North Penn. Iron Co., North Penn. Junction, Phila., Pa.
NORTHERN ENGINEERING WORKS, Detroit, Mich. (See adv. below)
Pawling & Harnischfeger, Milwaukee, Wis., & Monadnock blk, Chicago, Ill.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.
SHAW ELECTRIC CRANE CO., Muskegon, Mich., & 85, 87, 89 Liberty, New York, N. Y.
Shriver, T. & Co., 333 E 56th, New York
Wellman-Seaver-Morgan Co., Cleveland, O., & Akron, O.
WHITING FOUNDRY EQUIPMENT Co., Harvey, Ill. (See adv. index, end of book)

Cranes (Forge)

Alliance Machine Co., Alliance, O.
Morgan Engineering Co., Alliance, O.
WHITING FOUNDRY & EQUIPMENT Co., Harvey, Ill. (See adv. index. end of book)

Cranes (Gantry)

Bethlehem Foundry & Machine Co., S Bethlehem, Pa.
Box, Alfred & Co. (Traveling, etc.), 813 N Front, Phila., Pa.
BROWN HOISTING MACHINERY CO., 1345 St. Clair, Cleveland, O., & 26 Cortlandt, N. Y. (See adv. index, end of book)
GARRY IRON & STEEL CO., Cleveland, O. (See adv. preceding page)
Morgan Engineering Co., Alliance, O.
NORTHERN ENGINEERING WORKS. Detroit, Mich. (See adv. below)
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Philadelphia, Pa.
SHAW ELECTRIC CRANE CO., Muskegon, Mich., & 85, 87, 89 Liberty, New York, N. Y.
Wellman-Seaver-Morgan Co., Cleveland, O., & Akron, O.
WHITING FOUNDRY & EQUIPMENT Co., Harvey, Ill. (See adv. index, end of book)

Cranes (Hand Power)

Alliance Machine Co., Alliance, O.
Box, Alfred & Co. (Traveling), 813 N. Front, Phila., Pa.
BROWN HOISTING MACHINERY CO., Cleveland, O., & 26 Cortlandt, New York. (See adv. index, end of book)
Byram & Co. (Inc.), 435 Guoin, Detroit, Mich.
Case Mfg. Co., Columbus, O.
CHISHOLM & MOORE MFG. CO., Lake & Kirtland, Chicago, Ill. (See adv. index, end of book)
Cleveland Crane & Car Co., Cleveland, O.
Curtis & Co. Mfg. Co., St. Louis, Mo.
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y., & 42 Dey, N. Y. (See adv. index, end of book)
GARRY IRON & STEEL CO., Cleveland, O. (See adv. preceding page)
Harrington, Edw. Son & Co., N 15th & Pennaav, Phila., Pa.
Industrial Works (Jib & Traveling), Bay City, Mich.
Jacobs, Chas. C. Bridge & Iron Works, Amboy, Ill.
Lewis Foundry & Machine Co., 1001 Bingham, Pittsburg, Pa.
Lincoln Iron Works (Jib, etc., for Stone Quarries & Stone Mills, etc.), Rutland, Vt.
McClave, Hamilton & Co., 85 Liberty, N. Y.
Moris Bros., 56th & Gray's Ferry, Phila., Pa.
MOYER, J. W. & CO., 1736 N, Howard, Phila., Pa. (See adv. index, end of book)
North Penn. Iron Co., North Penn. Junction, Phila., Pa.
NORTHERN ENGINEERING WORKS. Detroit, Mich. (See adv. below)
Pawling & Harnischfeger, 156 Clinton, Milwaukee, Wis., & Monadnock blk, Chicago, Ill.
Putnam & Co. "Hand Power Traveling"), 244 Water, New York.
Reading Crane & Hoist Works (Traveling, etc.), Reading, Pa.
Scaife Foundry & Machine Co., 28th & Smallman, Pittsburg, Pa.
Shriver, T. & Co., 333 E 56th, N. Y.
SPEIDEL, J. G. (Hand Power Traveling), Buttonwood & Gordon, Reading, Pa. (See adv. index, end of book)
WHITING FOUNDRY EQUIPMENT CO. (Hand Power, Traveling, etc.), Harvey, Ill. (See adv. index, end of book)

Cranes (Hydraulic)

Alliance Machine Co., Alliance, O.
Chambersburg Engineering Co., Chambersburg, Pa.
Lewis Foundry & Machine Co., 1001 Bingham, Pittsburg, Pa.
Mackintosh-Hemphill & Co. (Ltd.), ft 12th, Pittsburg, Pa.
Morgan Construction Co., Worcester, Mass.
Morgan Engineering Co., Alliance, O.
NORTHERN ENGINEERING WORKS, Detroit, Mich. (See adv. below)
Ridgway, Craig & Son Co. (Direct Self Acting, etc.), Coatesville, Pa.
Scaife Foundry & Machine Co. (Ltd.), 28th & Smallman, Pittsburg, Pa.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Philadelphia, Pa.
Tod, Wm. Co. (Direct Self-acting, etc.), Youngstown, O.
United Engineering & Foundry Co., Farmers' Bank bldg, Pittsburg, Pa., & Youngstown, Ohio
Watson-Stillman Co., 46 Dey, New York.
WHITING FOUNDRY EQUIPMENT Co., Harvey, Ill. (See adv. index, end of book)
Wood. R. D. & Co., 400 Chestnut, Phila., Pa.

Cranes (Jib)

Alliance Machine Co. (Hydraulic), Alliance, O.
Box, Alfred & Co., 813 N Front, Phila., Pa.
BROWN HOISTING MACHINERY CO., 1345 St. Clair, Cleveland, O., & 26 Cortlandt, N. Y. (See adv. index, end of book)
BROWNING ENGINEERING CO., (Power, Steam & Electric), Cleveland, O. (See adv. index, end of book)
Byram & Co. (Inc.) (Hand Power), 435 Guoin, Detroit, Mich.
Case Mfg. Co. (Belt & Hand Power & Electric), Columbus, O.
Cleveland Crane & Car Co. (Electric Hand & Steam Power), Wickliffe, O.
Curtis & Co. Mfg. Co. (Air Motor), 2201 Washington av, St. Louis, Mo., & 42 S Canal, Chicago, Ill.
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y., & 42 Dey, New York. (See adv. index, end of book)
Industrial Works (Steam, Hand & Electric), Bay City, Mich.
Jones & Laughlins Steel Co. (Small Jib Crane or Worm Hoist), Pittsburg, Pa.
Lewis Foundry & Machine Co., 1001 Bingham, Pittsburg, Pa.
McClave, Hamilton & Co., 85 Liberty, New York
Maris Bros., 56th & Gray's av, Phila., Pa.
N. J. FOUNDRY & MACHINE CO., 15 Murray, New York. (See adv. index, end of book)
Niles-Bement-Pond Co., 136 Liberty, New York. Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
NORTHERN ENGINEERING WORKS, Detroit, Mich. (See adv. below).
PEDRICK & AYER CO. (Pneumatic), 85, 87, 89 Liberty, New York, N. Y. Works, Plainfield, N. J.
Ridgway, Craig & Son Co., Coatesville, Pa.

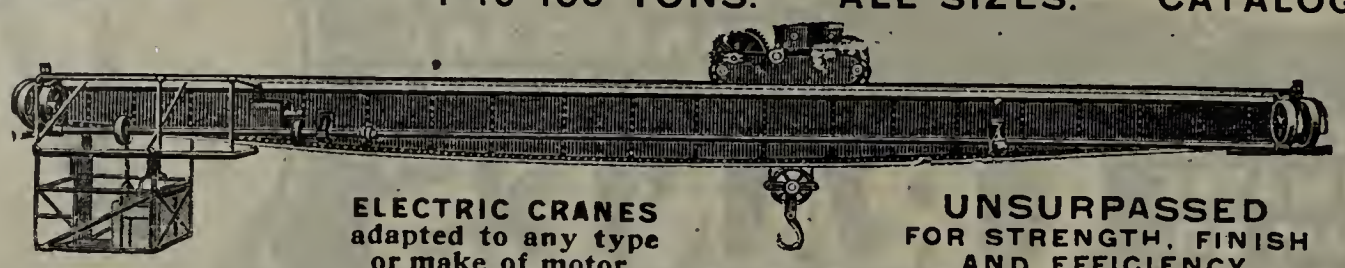
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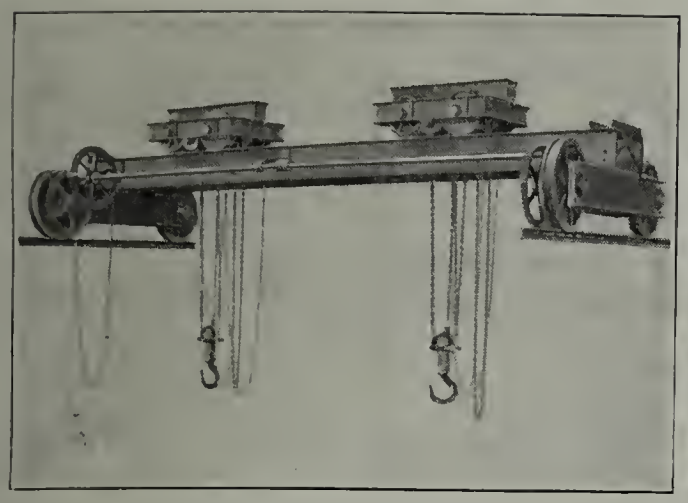
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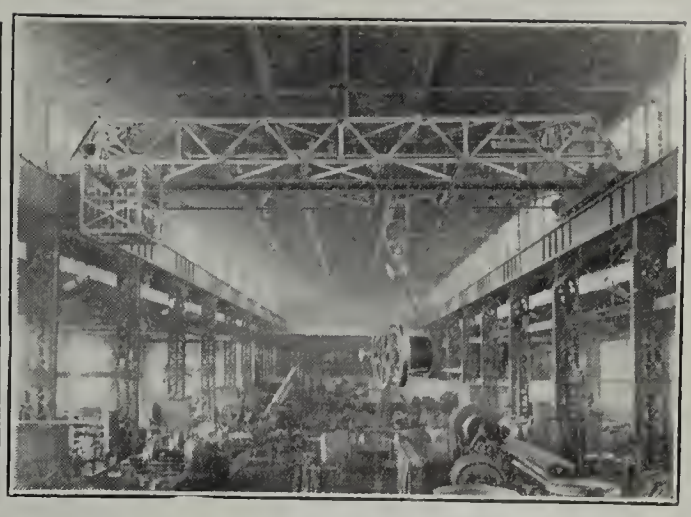
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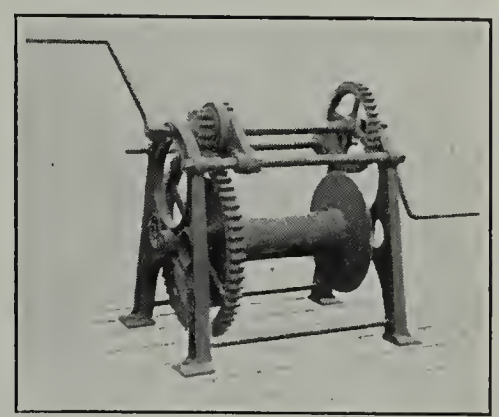
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BROWNING ENGINEERING CO., Collinwood, Cleveland, O. (See adv. index, end of book)
Cleveland Crane & Car Co., Wickliffe, O
Industrial Works (Capacity 20 Tons), Bay City, Mich.
NORTHERN ENGINEERING WORKS. Detroit, Mich. (See adv. index, end of book)

Cranes (Locomotive Water)

(See also Water Columns or Stations, Railroad.)

American Valve & Meter Co. ("Poage's" Automatic), Cincinnati, O.
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th st. & Clark av., St. Louis; 1217 Union av., Kansas City; 234 E. 3rd, St. Paul; 220 Nicollet av., Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
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Sheffield Car Co., Three Rivers, Mich.
U. S. Wind Engine & Pump Co., Batavia, Ill.

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Industrial Works, Bay City, Mich.
Kilgore Machine Co. (Steam, etc.), Minneapolis, Minn.
LIDGERWOOD MFG. CO., 96 Liberty, New York. (See adv. index, end of book)
Phoenix Mfg. Co. (Direct Acting Steam), Eau Claire, Wis.

Cranes (Mail)

Barker, L. W., Clinton, Ia.

Cranes (Pillar)

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Farrell Foundry & Machine Co., Ansonia, Conn.
Industrial Works (For Station Use in Handling Freight), Bay City, Mich.
NORTHERN ENGINEERING WORKS. Detroit, Mich. (See adv. index, end of book)
WHITING FOUNDRY EQUIPMENT Co., Harvey, Ill. (See adv. index, end of book)

Cranes (Pneumatic)

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill. (See adv. index, end of book)
CHICAGO TOOL & SUPPLY CO., 356 Dearborn, Chicago, Ill. (See adv. index, end of book)
Curtis & Co. Mfg. Co. (Air Motor), 2201 Wash'n av., St. Louis, Mo., & 42 S. Canal, Chicago, Ill.
Dake Engine Co., Grand Haven, Mich.
GARRY IRON & STEEL CO. (Air Motor Revolving), Cleveland, O. (See adv. index, end of book)
GENERAL PNEUMATIC TOOL CO. ("Shepard"), Montour Falls, N. Y. (See adv. index, end of book)
Miles, Geo. Co., Winsted, Conn.
NORTHERN ENGINEERING WORKS. Detroit, Mich. (See adv. index, end of book
PEDRICK & AYER CO., 85, 87, 89 Liberty, New York, N. Y. Works, Plainfield, N. J.
Ridgway, Craig & Sons Co., Coatesville, Pa.
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Cranes (Riveting)

Alliance Machine Co., Alliance, O.
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Eddy Valve Co., Waterford, N. Y.
Ludlow Valve Mfg. Co. (for Sprinkling Cars etc.), Troy, N. Y.

Cranes (Wrecking)

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Industrial Works, Bay City, Mich.
Marion Steam Shovel Co., Marion, O.
Mt. Vernon Car Mfg. Co., Mt. Vernon, Ill.

Crank Indexes.

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Crosby Steam Gage & Valve Co., 95 Oliver, Boston, 21 W. Lake, Chicago, & 78 John, N. Y.

Cranks (Gas Engine)

Page-Storms Drop Forge Co., Chicopee Falls, Mass., & Springfield, Mass.

Crankshafts

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Block-Pollak Iron Co., Carthage, Cincinnati, O.
Boston Forge Co., 340 Maverick, E. B., Boston, Mass.
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Cambria Steel Co., Johnstown, Pa.; Arcade bldg, Philadelphia, Pa., & 71 B'way, N. Y.
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Crucible Steel Co. of America, Frick bldg, Pittsburg, Pa.; 71 B'way, New York, & 64 S Clinton, Chicago, Ill.
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Eastern Forge Co., 70 Kilby, Boston.
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Tindel-Morris Co. (Finished Ready for Installation), Eddystone, Pa., & 136 Liberty, New York
Titusville Forge Co. (Centre Throw), Titusville, Pa.
Union Drop Forge Co., 66 E. Ohio, Chicago, Ill.
Vulcan Iron Works, Wilkesbarre, Pa.
Wyman & Gordon (Drop Forged), Worcester, Mass.

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Cohutta Talc Co. (Talc Soapstone), Spring Place, Ga.
Doggett, Stanley (Soapstone Mfrs. Agt)., 101 Beekman, New York
Nevins, Sam'l Co. (Talc & French Chalk Co.),
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North Carolina Talc & Mining Co. (Talc), Hewitt, N. C.
Steward, D. M. Mfg. Co. ("Compo"), Chattanooga, Tenn.

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American Crayon Co., Sandusky, O., & Waltham, Mass.

Crayons (School)

American Crayon Co. (White & Colored), Sandusky, O., & Waltham, Mass.

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(See also Wood Preseratives)

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Colman Creosoting Works, Seattle, Wash.
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National Lumber Co. (Bridge, Timbers, Ties, etc.), Fort Worth, Texas
Norfolk Creosoting Co., 17 Granby, Norfolk, Va.
Southern Creosoting Co., Slidell, La.
Taylor, J. W., Summerville, S. C.
West Pascagoula Creosoting Works (E. H. Bowser), West Pascagoula, Miss.
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(See Roofing, Tile, Terra Cotta.)

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Barnum, E. T., Wire & Iron Works (Iron). 99-105 Shelby, Detroit, Mich.
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CHAMPION IRON CO., Kenton, O. (See adv. index, end of book)
CINCINNATI MFG. CO., 1243 W 6th Cincinnati, O. (See adv. index, end of book)
Creswell, J. S., Iron Works, 23d & Cherry, Philadelphia, Pa.
Darby, E. & Sons, 233 Arch, Phila., Pa.
Dearborn Foundry Co., 1525 Dearborn, Chicago, Ill.
Dickelman Mfg. Co., Forest, O.
Fiske, J. W., 39 Park pl., N. Y.
Gensel, Fred & Co., 911 Vine, Phila., Pa.
Goodwin, F. O., N 53d & Wyalusing, Phila., Pa.
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Hergert, Theo. E., 382 2d av, New York
Howard & Morse, 45 Fulton, N. Y.
JACKSON, WM. H., CO., 29 E 17th Union Square), N. Y. (See adv. index, end of book)
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MERRITT & CO., 1024 Ridge av., Philadelphia, Pa. (See adv. index, end of book)
Mesker & Bro., 421 S. 6th, St. Louis, Mo.
Mott, J. L., Iron Works, 88 Beekman, N. Y.,; Boston, Chicago & Phila.
Perkins Mfg. Co., 1121 E. 7th, St. Paul, Minn.
PITT, WM. R., Composite Iron Works, 111 5th av, N. Y. (See adv index, end of book)
SMITH, F. P., WIRE & IRON WORKS, 100 Lake, Chicago, Ill. (See adv. index, end of book)
SNEAD & CO. IRON WORKS, ft of Pine, Jersey City, N. J. (See adv. index, end of book)
Snow, W. A. & Co., 19 Portland, Boston, Mass.
Souther, E. E. Iron Co., St. Louis, Mo.
Thoresen, Wm., 816 N. Western av, Chicago,
Toledo Wire & Iron Works, Toledo, O.
Van Noorden, E. Co., 944 Mass. av, Boston, Mass.
Vinton Steel Works Co., Vinton, Ia.
Westervelt, A. B. & W. T., 102 Chambers, N. Y.
WINSLOW BROS. CO. Main Office & Works, 368 Carroll av, Chicago, Ill., & 160 5th av, New York. See adv. index, end of book)
White, Jas., 446 Adelphi, Brooklyn, N. Y.
Whyte, Oliver & Co., 17 Cornhill, Boston, Mass.

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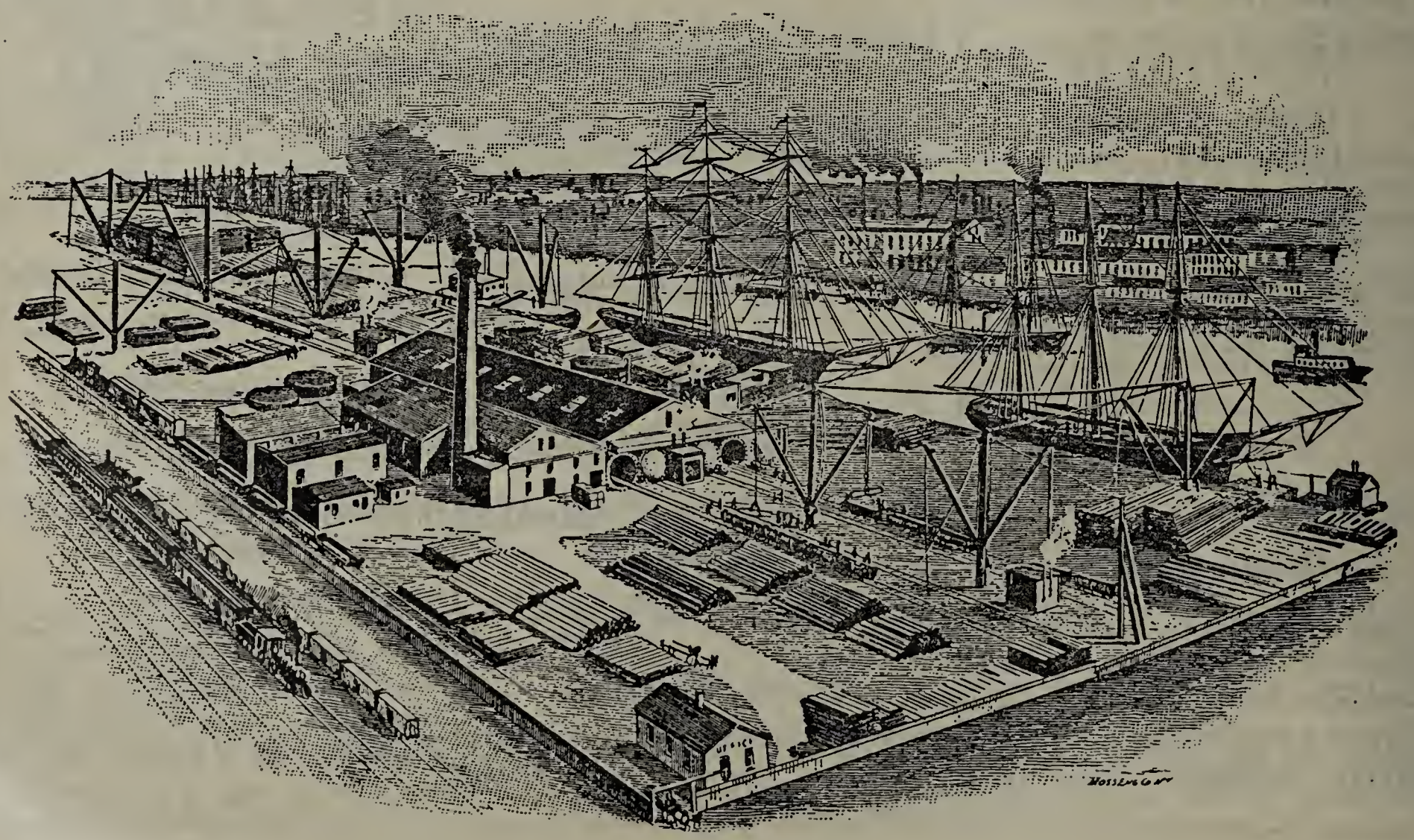
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Gara, McGinley & Co., 23 S. 17th, Phila., Pa.
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(See Machines, Crimping.)

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(See also Brackets, Trolley Pole).

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American Iron & Steel Mfg. Co., Lebanon, Pa.
Brady, T. H., New Britain, Conn.
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Oliver Iron & Steel Co., Pittsburg, Pa.
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Philadelphia Electrical & Mfg. Co., 2011 Market, Philadelphia, Pa.
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Western Electric Co., 259 S Clinton, Chicago, & 57 Bethune, N. Y.
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(See also Brackets, Trolley Pole.)

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Central Mfg. Co., Chattanooga, Tenn.
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Cohn & Bock (Cross Arms, etc.), Princess Anne, Md.
Eccleston Lumber Co. (Yellow Pine Cross Arms), 29 B'way, N. Y.
Endsley, J. W. (Brackets & Pins Only), Somerfield, Pa.
Fletcher Mfg. Co. (Insulated, etc.), Dayton, O.
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Houston & Liggett (Brackets, etc.), Lewisburg, Tenn.
Independent Arm & Pin Co., Cham. of Commerce bldg, St. Louis, Mo.
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Kapp & Miller Co. (Cross Arms, etc.), Rural Hall, N. C.
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Moatz & Carnes (Pins, Cross Arms, etc.), Round Hill, Va.
Morse Cedar Co., Saginaw, Mich.
Mountain State Electrical Co., Wheeling, W. Va.
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Noblitt, E. J., & Co., 898 35th, Chicago
Phelan, D. W. (Cross Arms, etc.), 277 B'way,
Rinard Lumber Co. (Oak & Locust Brackets & Pins Only), Terra Alta, W. Va.
Standard Arm & Pin Co., Mize, Miss.
Standard Pole & Tie Co. (Cross Arms, Brackets & Pins), 58 William, New York
Sterling, W. C. & Son (Cros Arms), Monroe, Mich.
Texas Arm & Pin Co., Beaumont, Tex.
Townsend Cedar & Supply Co., Monadnock blk, Chicago, Ill.
Union Railway Supply Co., Real Estate Trust bldg., Philadelphia, Pa.
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Whitecastle Lumber & Shingle Co. (Cypress Cross Arms), Whitecastle, La.

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(See Creosoting Works.)

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Flagg, Stanley G. & Co. (Malleable Iron), 19th & Pa. av, Philadelphia, Pa., & 222 B'way, N. Y.

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(See Ties, Poles & Posts.)

Crossings (Railway).

(See also Frogs, Switches, Crossings, etc.)

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Alabama Frog & Switch Co., Anniston, Ala
Allentown Rolling Mills, Allentown, Pa.
American Frog & Switch Co., Hamilton, O.
Barbour-Stockwell Co., Cambridgeport, Mass.
Buckley, L. J., & Co., 256 B'way, New York.
Cleveland Frog & Crossing Co., "The Lucas," Cleveland, O.
DAVIES, FRANK, Hennen bldg. (See adv. index, end of book)
Elkhart Frog & Crossing Works, Elkhart, Ind.
Elliott Frog & Switch Co., East St. Louis, Ill.
Falk Co., Milwaukee, Wis.; 79 New Montgomery, San Francisco, Cal.
Hunt, C. W. Co. (Industrial Railways), 45 B'way, N. Y. Works, W. New Brighton, S. I., N. Y.
Indianapolis Switch & Frog Co., Springfield, O.
KOPPEL, ARTHUR, 68 Broad, N. Y. (See adv. index, end of book)
LEAVITT, C. W. & CO., 15 Cortlandt, New York. (See adv. index, end of book)
Mcrden Frog & Crossing Works, The Rookery, Chicago
N. Y. Switch & Crossing Co., Hoboken, N. J.
Parish Bros. Co., Jackson, Mich.
Penna. Steel Co. (Steam & Electric), Girard Bldg., Phila., Pa.; 70 Kilby, Boston, Mass.; 71 B'way, N. Y.; Works, Steelton, Pa.
Petibone, Mulliken & Co., 204 Dearborn, Chicago, Ill.
Ramapo Iron Works, Hillburn, N. Y.; Niagara Falls, N. Y., & 170 B'way, N. Y.
New Jersey Steel Co., Rahway, N. J.
UNION SWITCH & SIGNAL CO., THE, Swissvale, Pa.; 143 Liberty, New York, & Monadnock blk, Chicago, Ill.
Vulcan Iron Works (Industrial, etc.), Wilkesbarre, Pa.
Weir Frog Co., Beech & Highland av, Cincinnati, O.
Wharton, Wm. Jr., & Co. (Inc.), 25th & Wash'n av, Philadelphia, Pa.
WONHAM - MAGOR ENGINEERING Co. (For Industrial Railways), 29 B'way, New York. (See adv. index, end of book)

Crow Bar Mfrs.

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Atha Tool Co., Newark, N. J.
Collins Co., Collinsville, Conn., & 212 Water, New York
Doble, Abner Co., San Francisco, Cal.
Evansville Tool Works (Pince & Wedge Point), Evansville, Ind.
Falls Mfg. Co., San Francisco, Cal.
Harvey, H. H., 608 Atlantic av, Boston, Mass.
Iron City Tool Works, 32d & Smallman, Pittsburg, Pa.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Klein-Logan Co., S. 13th & Breed, Pittsburg, Pa.
Logan Iron & Steel Co., Burnham, Pa., & Harrison bldg., Phila., Pa.
New Castle Forge & Bolt Co., New Castle, Pa.
Oliver Iron & Steel Co., Pittsburg, Pa.
Pittsburg Tool & Drop Forge Co., Pittsburg, Pa. Works, Cheswick, Pa.
Pollard, Jos. G., 141 Raymond, Brooklyn, N. Y.
Plumb, Fayette R., Frankford, Philadelphia, Pa.
Sweet's Steel Co. (Steel), Williamsport, Pa.
Union Drop Forge Co., 66 E. Ohio, Chicago
Vicksburg Mfg. Co., Vicksburg, Mich.
Warwood Tool Co., Wheeling, W. Va.

Crucible Mfrs.

American Refining & Crucible Co., 116 Nassau, N. Y.
Berge, J. & H., 95 John, N. Y.
Bridgeport Crucible Co., Bridgeport, Conn.
Denver Fire Clay Co., 1742 Champa, Denver, Col.
Dixon, Jos. Crucible Co., Jersey City, N. J.; 68 Reade, N. Y.; 1020 Arch, Philadelphia, Pa., & 304 Market, San Francisco, Cal.
Gautier, J. H. & Co. (Black Lead), Jersey City, N. J.
Goebel, J. & Co. (Importers), 129 Maiden Lane, N. Y.
McCormack, J. S. Co., 25th & A. V. Ry., Pittsburg, Pa.
McCullough-Dalzell Co., 36th & A. V., Pittsburg, Pa.
OBERMAYER, S. CO., 647 Evans, Cincinnati, O.; 18th & Rockwell, Chicago, Ill.; 35th & Charlotte, Pittsburg, Pa.; Roe bldg, St. Louis, Mo.; Majestic bldg, Detroit, Mich.; Cooper bldg, Denver, Colo.; Land Title bldg, Phila., Pa. & Mission St. San Francisco, Cal. (See adv. index, end of book)
Ross-Tacony Crucible Co. Tacony, Mashall, Philadelphia, Pa.
Seidel, Reuben B. (Inc.), 1334 Callowhill, Philadelphia, Pa.
SMITH, J. D. FOUNDRY SUPPLY CO., 40 S Water, Cleveland, O., & 2143 Central av, Cincinnati, O. (See adv. index, end of book)
Standard Graphite Co., 11 B'way, N. Y.
Taunton Crucible Co., Taunton, Mass.
Taylor, Robt. J. (Inc.), 1900 Callowhill, Philadelphia, Pa.

Crushed Steel for Polishing Granite, Etc.

Pittsburg Crushed Steel Co. (Ltd.), Westinghouse bldg, Pittsburg, Pa.

Crushed Stone.

(See Stone, Crushed.)

Crusher Parts.

AMERICAN BRAKE SHOE & FOUNDRY Co., Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)
Bethlehem Steel Co., South Bethlehem, Pa.; 100 B'way, N. Y.
Taylor Iron & Steel Co., High Bridge, N. J. & 253 B'way, N. Y.

Crushers (Clay)

Adrian Brick & Tile Mach. Co., Adrian, Mich.
American Clay Working Machinery Co., Bucyrus, O., & 39 Cortlandt, New York

Anderson Foundry & Machine Works, Anderson, Ind.
Bonnot Co., Canton, O.
Brewer, H. & Co., Tecumseh, Mich.
Brunner, Chas., Peru, Ill.
Eagle Iron Works, Des Moines, Ia.
Fernholtz Brick Machinery Co., Boyle & Old Manchester avs, St. Louis, Mo.
Fischer Engine Foundry & Machine Co., Pittsburg, Pa.
Freese, E. M. & Co., Galion, O.
Frost Mfg. Co., Galesburg, Ill.
Hogg, Geo. A. Iron & Steel Foundry Co., Pittsburg, Pa.
Leader Mfg. Co., Decatur, Ill.
Martin, Henry, Brick Machine Mfg. Co., Lancaster, Pa.
Nebel, M. A., 72 Grand av, Brooklyn, N. Y.
Newell Mfg. Co., 149 B'way, New York
Nolan, Madden & Co., Rushville, Ind.
Raymond Bros. Impact Pulverizer Co., 143 Laflin, Chicago, Ill.
Raymond, C. W. Co., Dayton, O.
Schutz-O'Neill Co., Minneapolis, Minn.
SCOTT MFG. CO., St. Louis, Mo.
Stedman Foundry & Machine Works, Aurora, Ind.
Stevenson & Co., Wellsville, O.
STROUD, E. H. & CO. ("Cyclone"), 36 La Salle, Chicago, Ill.
Taplin-Rice & Co., Akron, O.
Wallace Mfg. Co., Frankfort, Ind.
West Pulverizing Machine Co., 220 B'way, N.Y.
Williams Patent Crusher & Pulverizer Co., 2705 N B'way, St. Louis. Mo.

Crushers (Coal)

Allis-Chalmers Co., Home Ins. bldg, Chicago. Works: Chicago, Milwaukee, Wis., & Scranton, Pa.
Excel Mfg. Co., Pottersville, N. J.
Hunt, C. W. Co., 45 B'way, N. Y. Works, New Brighton, S. I., N. Y.
JEFFREY MFG. CO., Columbus, O., 41 Dey, N. Y., & Equitable bldg, Denver, Col. (See adv. index, end of book)
Keller, C. M., Columbus, Ind.
Kenney & Co. (Also Coke), Scottdale, Pa.
Link Belt Engineering Co., Nicetown, Phila., Pa.; 47 Dey, New York, & Park bldg. Pittsburg, Pa.
Mead-Morrison Mfg. Co., Boston, Mass., & Chicago, Ill.
Mullen, Jno. & Son, Shamokin, Pa.
Noye Mfg. Co., 50 Lakeview av, Buffalo, N. Y.
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
Schutz-O'Neill Co., Minneapolis, Minn.
Sprout, Waldron & Co. (also Facing), Muncy, Pa.
STEEL CABLE ENGINEERING CO., 92 State, Boston, Mass.; 120 Liberty, New York, & 204 Dearborn, Chicago, Ill.
Stedman's F'dry & Machine Wks., Aurora, Ind.
Vulcan Iron Works, Wilkesbarre, Pa.
Wagner-Palmors Mfg. Co., Fairmont, W. Va.
Williamsport Clutch & Pulley Co. (Bituminus), Williamsport, Pa.

Crushers (Coke)

Black, A. B., Concord, Mass.
Connellsville Machine & Car Co., Connellsville, Pa.
Excel Mfg. Co., Pottersville, N. J.
JEFFREY MFG. CO., Columbus, O., 41 Dey, N. Y., & Equitable bldg, Denver, Co. (See adv. index, end of book)
Keller, C. A., Columbus, Ind.
Kenney & Co., Scottdale, Pa.
Link Belt Engineering Co., Nicetown, Phila., Pa.; 47 Dey, New York, & Park bldg. Pittsburg, Pa.
PENNSYLVANIA CRUSHER CO., Stephen Girard bldg, Phila., Pa.
Stacey Mfg. Co., 239 Mill, Cincinnati, O.
Stedman's Foundry & Machine Works, Aurora, Ind.

Crushers (Corn & Cob)

(See Mills, Corn & Cob)

Crushers (Spindle).

Bethlehem Steel Co., So. Bethlehem, Pa.

Crushers (Stone)

(See Rock & Ore Crushers)

Cultivator Attachments

Buffalo Steel Co. ("Star," for Iron or Steel Beam Cultivators), Tonawanda, N. Y.

Cultivators.

Akron Cultivator Co. (Riding & Walking Pivot-Axle Automatic), Akron, O.
Allbright, Jas. H. & Sons (Riding & Walking), Mufflingburg, Pa.
Allen, S. L. & Co., Phila., Pa.
American Harrow Co. (Riding & Walking), Detroit, Mich.
American Plow Co., Madison, Wis.
Ames Plow Co., Boston, Mass.
Arnolds, G. W. Son, Iona, Mich.
Avery, B. F. & Sons (Riding & Walking), Louisville, Ky.
Avery Mfg. Co. (Riding & Walking), Peoria, Ill.
Bacon Mfg. Co. (Garden), Pontiac, Mich.
Bobcock Mfg. Co. ("Otsego"), Leonardsville, N. Y.
Bateman Mfg. Co. (Riding, Walking & Horse Hoe), Grenloch, N. J.
Belcher & Taylor Agl. Tool Co. (Prouts Hoeing Machine), Chicopee Falls, Mass.
Bement's, E. Sons (Riding & Walking), Lansing, Mich.
Benicia Agricultural Works ("Horners"), Benicia, Cal.
Bostwick, Alonzo & Son, Millington, Mich.
Blount, Henry F. (Walking & Riding), Evansville, Ind.
Bradley, David Mfg. Co. ("Dolphin," "New Bradley," "Bradley Vulcan," "Klondike," "Common Sense," "Trojan," "Katy-Did," "Cricket"), Bradley, Ill.
Brown, Geo. W. & Co. (Walking & Riding), Galesburg, Ill.
Brown-Manly Plow Co., Malta, O.
Brown Mfg. Co. (Riding & Walking), Zanesville, O.
Bucher & Gibbs Plow Co. (Walking & Beet), Canton, O.
Buckley, R. C., Peoria, Ill.
Buffalo Pitts Co. (Riding & Walking), Buffalo, N. Y.
Burton Handle Co. (Riding & Walking), Burton, O.
Caledonia Bean Harvester Works, Caledonia, N. Y.
Case, J. I. Plow Works (Riding & Walking), Racine, Wis.
Champion Drill Co., Avon, N. Y.
Children, E. & Sons (Badger & New Badger), Council Bluffs, Iowa
Childs, Chas. H. & Co., Utica, N. Y.
Clipper Chilled Plow Co., Elmira, N. Y.
Clipper Plow Co. ("Best," "Clipper"), Defiance, O.
Clore's, Wm. Sons (Dixie), Rising Sun, Ind.
Collins Plow Co. (Iowa Riding & Walking Combined), Quincy, Ill.
Deere & Co. (Sugar Cane, etc.), Moline, Ill.
Deere & Mansur Co. (Sugar Cane, etc.), Moline, Ill.
Deuscher, H. P. Co. (Ideal), Hamilton, O.
Dempster Mill Mfg. Co., Beatrice, Neb.
Deere & Mansur Co. (Sugar Cane), Moline, Ill.
Diats, Hiram Jr. (Kuzler), Pittston, N. J.
Donaldson Bros. (Steel King), Mt. Clemens, Mich.
Eagle Mfg. Co., Kansas City, Mo.
Emerson Mfg. Co. ("Emerson," "Diamond," "Standard"), Rockford, Ill.
Empire Plow Co., Cleveland, O.
Eureka Mower Co. (Spike, Spring & Shovel Tooth), Utica, N. Y.
Farm Tool Mfg. Co. (Lister, Disc & Knife, Walking & Riding), Carrollton, Mo.
Farquhar, A. B. Co., Ltd. (Riding & Walking), York, Pa.
Fountain City Drill Co. (Riding Corn), La Crosse, Wis.
Fuller & Johnson Mfg. Co., Madison, Wis.
Gale Mfg. Co. (Riding & Walking), Albion, Mich.
Gesley Mfg. Co., Beloit, Wis.
Gowanda Agl. Works Co. (Walking), Gowanda, N. Y.
Grand Detour Plow Co. (Walking & Riding), Dixon, Ill.
Greenville Implement Co. (Star Shovel), Greenville, Mich.
Harms, Dan'l G., Peoria, Ill.
Hartford Plow Works (Rowell), Hartford, Wis.
Hartig-Becker Plow Co. (Up-to-Date), Evansville, Ind.
Hartman Mfg. Co. (Riding & Walking), Vincennes, Ind.
Hayes Pump & Planter Co. (Riding & Walking), Galva, Ill.
Hench, Dromgold & Co. (Riding & Walking), York, Pa.
Hoke Mfg. Co. (Riding & Walking), South Bend, Ind.
Howland Mfg. Co. (Little Giant Walking), Pontiac, Mich.
Howell, R. R. Co. (Champion Riding), Minneapolis, Minn.
Janesville Machine Co., Janesville, Wis.
Keller Mfg. Co. (New Departure), Sauk Center, Minn.
Keystone Farm Machinery Co. (Riding & Walking), York, Pa.
King & Hamilton Co., Ottowa, Ill.
Kingman Plow Co. (Walking & Riding), Peoria, Ill.
La Crosse Plow Co. (Riding & Walking), La Crosse, Wis.
Lean, Roderick Mfg. Co. (Riding), Mansfield, O.
Lehr Agl. Co. (Riding & Walking), Fremont, O.
Long & Allslatter Co. (Riding, Walking, Tongue & Tongueless), Hamilton, O.
Lovejoy, H. H. & Son, Cambridge, N. Y.
McDonald, Wm., Lapeer, Mich.
Marva Mfg. Co., Marva, Ill.
Mason, F. C. & Co. ("Banner," Hand, etc.), St. Johns, Mich.
Mast, P. P. & Co. (Riding & Walking), Springfield, O.
Messinger Mfg. Co. (Steel King Walking), Tatamy, Pa.
Moline Plow Co. (Riding & Walking), Moline, Ill.
Monitor Mfg. Co. (Riding), Minneapolis, Minn.
Moroa Mfg. Co., Moroa, Ill.
Morrison Mfg. Co., Ft. Madison, Iowa
National Drill Co., Cambridge City, Ind.
Ohio Cultivator Co. (Sulky & Walking), Bellevue, O.
Ohio Rake Co. (One Horse), Dayton, O.
Osborne, D. M. & Co. Horse, Hoe, Steel, etc.), Auburn, N. Y.
Oyler Plow Co., Akron, O.
Parlin & Orendorff Co. (Riding & Walking), Canton, Ill.
Pattee Plow Co., Monmouth, Ill.
Patten, Frank C. Co., Sycamore, Ill.
Pekin Plow Co., Pekin, Ill.
Peru Plow & Wheel Co. (Riding & Walking), Peru, Ill.
Reed Mfg. Co., Kalamazoo, Mich.
Richmond Plow Co., Richmond, Ind.
Rock Island Plow Co. (Riding & Walking), Rock Island, Ill.
Rockford Mfg. Co., Rockford, Ill.
Rockford Well Drill Co., Rockford, Ill.
Rowell, I. B. & Co., Menominee Falls, Wis.
Rowell, J. S. Mfg. Co., Beaver Dam, Wis.
Rude Bros. Mfg. Co. (Riding & Walking), Liberty, Ind.
St. Joseph Plow Co. (Riding & Walking), St. Joseph, Mo.
Satley Mfg. Co., Springfield, Ill.
Sechler & M. Comage Co., Moline, Ill.
Shunk Plow Co. (Cultivator & Horse Hoe Combined), Bucyrus, O.
Sioux City Plow Co., Sioux City, Iowa
Smith, D. B. & Co. (Walking), Utica, N. Y.
South Bend Chilled Plow Co., South Bend, Ind.
Southern Agricultural Works, Atlanta, Ga.
Southern Plow Co., Columbus, Ga.
Spangler Mfg. Co., York, Pa.
Sparta Plow Works, Sparta, Ill.
O.
Star Mfg. Co. (Walking), Carpentersville, Ill.
Standard Harrow Co., Utica, N. Y.
Stoddard Mfg. Co. (Riding & Walking), Dayton, O.
Swanson Mfg. Co., Blue Rapids, Kan.
Swanson, T. Mfg. Co. (for Listed Corn, etc.), Shenandoah, Ia.
Syracuse Chilled plow Co., Syracuse, N. Y.
Tait, F. B. Mfg. Co., Decatur, Ill.
Toledo Plow Co. (Riding & Walking), Toledo,
Thompson, J. & Sons Mfg. Co., Beloit, Wis.
Tower, J. D. & Sons Co. (Walking & Riding), Mendota, Ill.
Tower & Sullivan Mfg. Co. ("Little Joe," "Eureka"), Rome, Ga.
U. S. Implement Co., Canton, O.
Ulrich, F. W., Rock Falls, Ill.
Van Brunt Mfg. Co., Horicon, Wis.
Watkins Chilled Plow Co., Watkins, N. Y.
West & Townsend, Martinsville, O.
Western Mfg. Co., Kansas City, Mo.

White, E. B. & Bro., Norfolk, Va.
WHITMAN & BARNES MFG. CO., (Riding & Walking), Akron, O.; West Pullman, Chicago, Ill., & 111 Chambers, New York. (See adv. index, end of book)
Wood Bros. Steel Self Feeder Co., Des Moines, Iowa

Culverts (Concrete)

American Arch & Culvert Co., Toledo, O.

Cupola Linings or Blocks.

Baltimore Terra Cotta Works, Baltimore, Md.
Berry, Jas. E., Woodbridge, N. J.
BOSTON FIRE BRICK CO. (Geo. M. Fiske, Mfr.), 161 Devonshire, Boston, Mass. (See adv. index, end of book)
Brooklyn Fire Brick Works, 88 Van Dyke, Brooklyn, N. Y.
Buckeye Fire Clay Co., Uhrichsville, O.
Chicago Retort & Fire Brick Co., 45th & Clark, Chicago, Ill.
Cooper, Jno., 396 Oakland, Brooklyn, N. Y.
Denny Clay Co., Seattle, Wash.
Denver Fire Clay Co., 1742 Champa, Denver, Colo.
Evens & Howard Fire Brick Co., 920 Market, St. Louis, Mo.
Garden City Sand Co., Security bldg, Chicago.
Garfield Fire Clay Co., Bolivar, Pa.
Gautier, J. H. & Co., Jersey City, N. J.
Gladding, McBean & Co., San Francisco, Cal. Works, Lincoln, Cal.
Harbison-Walker Refractories Co., Farmers B'k bldg, Pittsburg, Pa.
Howard Co., 250 Bond, New Haven, Conn.
Kier Fire Brick Co., 341 6th av, Pittsburg, Pa.
Leclede Fire Brick Mfg. Co., Manchester & Sulphur avs, St. Louis, Mo.
Lincoln Fire Brick & Shape Co., Farmers B'k bldg, Pittsburg, Pa. Works, Bolivar, Pa.
Louisville & Portsmouth Fire Brick Co., Portsmouth, O.
MAURER, HENRY & SON, 420 E 23d, N. Y.; Pena. bldg, Phila., Pa. Works, Maurer, N. J. (See adv. front inside cover)
Mutton Hollow Fire Brick Co., Woodbridge, N. J.
NATIONAL FIRE PROOFING CO., Bessemer bldg, Pittsburg, Pa.; 170 B'way, N. Y.; Land Title bldg, Phila., Pa.; Old South bldg, Boston, Mass., & 140 Dearborn, Chicago, Ill. (See adv. index, end end of book)
NATIONAL PYROGRANIT CO., 17 Battery pl, New York. Works, South River, N. J. (See adv. index, end of book)
Ohio Fire Brick Co., Oak Hill, O.
Ostrander Fire Brick Co., Troy, N. Y., & Ostrander, N. J.
Parker-Russell Mining & Mfg. Co., St. Louis, Mo.
PAXSON, J. W. CO., 1021 N. Delaware av, Phila., Pa. (See adv. index, end of book)
Presbrey Stove Lining Co., Taunton, Mass.
Reese-Hammond Fire Brick Co., Bolivar, Pa., Park bldg, Pittsburg, Pa.
St. Louis Vitrified & Fire Brick Co., 105 N. 7th, St. Louis, Mo.
Southern Fire Brick & Clay Co., 138 Wash'n, Chicago, Ill. Works, Mt. Silica, Ind.
Superior Fire Lining Co., Trenton, N. J.
Tygart Fire Brick Co., 706 Burns, Cincinnati, O. Works, Fullerton, Ky.
Valentine, M. D. & Bro. Co., Woodbridge, N. J.
WHITING FOUNDRY EQUIPMENT Co., Harvey, Ill. (See adv. index, end of book)
Wynn, W. H. & Co., Blue Ball, Pa.

Cupolas (Calcining)

PETROLEUM IRON WORKS CO., Washington, Pa., & Farmers' B'k bldg, Pittsburg, Pa. (See adv. index, end of book)

Cupolas (Foundry)

Bigelow Co., New Haven, Conn.
Byram & Co. (The Colliau), 435 Guoin, Detroit, Mich.
Carroll-Porter Boiler & Tank Co., Empire bldg, Pittsburg, Pa. Works, Wellsville, O.
Casey & Hedges Mfg. Co., Chattanooga, Tenn.
Hibbs, E. A., 209 Quarry, Phila., Pa.
McCormack, J. S. Co., 25th & A. V. Ry., Pittsburg, Pa.
Means & Fulton Iron Works, Birmingham, Ala.
NORTHERN ENGINEERING WORKS, Detroit, Mich. (See adv. index, end of book)
OBERMAYER, S. CO., 647 Evans, Cincinnati, O.; 18th & Rockwell, Chicago, Ill.; 35th & Charlotte, Pittsburg, Pa.; Roe bldg, St. Louis, Mo.; Majestic bldg, Detroit, Mich.; Cooper bldg, Denver, Colo.; Land Title bldg, Phila., Pa., & Mission St, San Francisco, Cal. (See adv. index, end of book)
PAXSON, J. W. CO. (The Paxson-Colliau"), 1021 N Delaware av, Phila., Pa. (See adv. index, end of book)
PETROLEUM IRON WORKS CO., Washington, Pa., & Farmers' Bank bldg, Pittsburg, Pa. (See adv. index, end of book)
Reeves Bros. Co., Alliance, O.
Riter-Conley Co., 59 Water, Pittsburg, Pa., & 39 Cortlandt, N. Y.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.
SMITH, J. D. FOUNDRY SUPPLY CO., 40 S Water, Cleveland, O., & 2143 Central av, Cincinnati, O. (See adv. index, end of book)
Sotter Bros., Pottstown, Pa.
Stewart, C. Boiler Works, Worcester, Mass.
Union Boiler & Mfg. Co., Lebanon, Pa.
WHITING FOUNDRY EQUIPMENT Co., Harvey, Ill. (See adv. index, end of book)

Cups (Elevator)

Nordyke & Marmon Co. (Tin & Sheet Iron), Indianapolis, Ind.

Cups (Leather)

Houghton, E. F. & Co. ("Vici" Hydraulic, etc.), 240 Somerset, Phila., Pa.
Schieren, Chas. A. & Co., 45 Ferry, N. Y.; Phila., Pa.; Boston, Mass.; Chicago, Pittsburg, Pa., & Denver, Colo.

Cups (Plumbers' Soil)

Bernz, Otto, S 13th c S Orange av, Newark, N. J.

Curbs (Valve)

American District Steam Co. (Cast Iron for Steam Underground Work), Lockport, N. Y.

Curtains (Car).

(See Car Curtains & Materials.)

Curtains (Locomotive Cab)

CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)

Curtains (Steel Rolling)

WILSON, JAS. G. MFG. CO., 3 W 29th, New York. (See adv. index, end of book)

Curtains (Rubber, Bath)

Empire Rubber Co., 115 Worth, N. Y.
Goodyear India Rubber Glove Mfg. Co., 503 Broadway, N. Y.
Goodyear Rubber Co., 787 Broadway, N. Y.
Hodgeman Rubber Co., 593 Broadway, N. Y.
National India Rubber Co., Bristol, R. I.

Cuspidors.

Aldrich Mfg. Co. (Brass), Buffalo, N. Y.
Bethlehem Foundry & Machine Co. (Cast Iron), Bethlehem, Pa.
Bridgeport Brass Co. (Brass & Self Righting), Bridgeport, Conn.
Dover Stamping & Mfg. Co. (Cast Iron, Porcelain-Lined, Self-Righting; also Tin, Various colors, Cambridge, Mass.
Gcuber & Paeschke Mfg. Co. (Japanned, etc.), Milwaukee, Wis.
Goodyear Rubber Co. (Rubber), 787 B'way, New York
Gould-Mersereau Co. (Brass), 43 E 19th New York
Griswold Mfg. Co. (Aluminum), Erie, Pa.
Illinois Pure Aluminum Co. (Aluminum), Lemont, Ill.
Ireland & Matthews Mfg. Co. (Brass & Nickel, Self-Righting), Detroit, Mich.
Lalance & Grosjean Mfg. Co. (Enameled), 19 Cliff, New York
McKennna Bros. Brass Co. (Brass, etc.), Pittsburg, Pa.
Manhattan Brass Co. (Brass), 358 E 28th, New York
Manhattan Rubber Mfg. Co. (Rubber), 18 Vesey, New York
Manning, Bowman & Co. (Brass, Nickeled, Enamel & Tin), Meriden, Conn., & 25 B'way, New York
Marietta Holloware & Enameling Co. (Enameled), Marietta, Pa.
Shepard, Sidney & Co. (Alunminum), Buffalo, N. Y.
Stoutenborough, X. (Nickeled & Self-Righting), 277 Pearl, New York
Sweeney, W. H. Mfg. Co. (Nickeled, Brass & Tin & Self-Righting, etc.), Brooklyn, N. Y.
Thompson, C. C. Pottery Co. (Porcelain), East Liverpool, O.
Vogel, Wm. & Bros. (Nickel Plated Steel & Copper with Removable Hopper), 37 S 9th, Brooklyn, N. Y.
Wagner Mfg. Co. (Alunminum), Sidney, O.

Cutlery Mfrs.

American Cutlery Co., 193 Mather, Chicago, Ill.
American Shear & Knife Co. (Pocket Cutlery Shears, etc.), Hotchkissville Conn.
American Silver Co. (Table Cutlery), Bristol, Conn.
Acme Shear Co. (Shears, Scissors, etc.), Bridgeport, Conn.
Bannister, A. F. & Co. (Pocket, etc.), Newark, N. J.
Bison Mfg. Co., Little Valley, N. Y.
Booth, Chas., Stockholm, N. J.
Canton Cutlery Co., Canton, O.
Carrier Cutlery Co., Elmira, N. Y.
Case Bros. Cutlery Co., Little Valley, N. Y.
Case, W. R. & Son Cutlery Co., Little Valley, N. Y.
Cattaraugus Cutlery Co. (Pocket), Little Valley, N. Y.
Challenge Cutlery Corporation, Bridgeport, Conn.
Chatillon, Jno. & Sons (Pocket Knives, "Fulton Brand"), 85 Cliff, N. Y.
Christy Knife Co. (Bread, Cake & Ham Knives, Kitchen & Druggists' Spatulas & Lemon Slicers, etc.), Fremont, O.
Clauss Shear Co., Fremont, O.
Clayton Bros., Bristol, Conn.
Clement Mfg. Co., Northampton, Mass.
Clyde Cutlery Co. (Butcher, Bread & Kitchen Knives, etc.), Clyde, O.
Crescent Mfg. Co., Fremont, O.
Cronk & Carrier Mfg. Co., Elmira, N. Y.

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.

Divine, Dwight & Son (Pocket & Fine Pen Knives), (Trade Mark, "Ulster Knife Co." & "Ellenville Knife Co."), Ellenville, N. Y.
Empire Knife Co. (Pocket Cutlery, Razors, Shears, etc.), Winsted, Conn.
Empire State Cutlery Co., Allegany, N. Y.
Foster Bros. & Chatillon Co. (Pocket, Kitchen & Butchers' Cutlery), Fulton, N. Y.
Geneva Cutlery Co. ("Razors"), Geneva, N. Y.
Goodell Co., Antrim, N. H.
Harrington Cutlery Co. ("Dexter," Butcher, Cheese, Shoe, Bread & Kitchen, etc.), Southbridge, Mass.
Heinisch's, R. Sons Co. (Shears, etc.), Newark, N. J.
Hinchliffe, Thos. (Shears, etc.), Milton, Conn.
Holley Mfg. Co. (Pocket), Lakeville, Conn.
Humason & Beckley Mfg. Co. (Pocket), New Britain, Conn.
International Cutlery Co., Fremont, O.
International Silver Co. (Silver Plated, etc.), Meriden, Conn.
Jackson Knife & Shear Co., Fremont, O.
Kern, Geo. W. Razor Mfg. Co. (Razors, Straps & Hones), Little Valley, N. Y.
Kimball, C. J. Co. (Kitchen, Butchers', Shoe & Drawing Knives, etc.), Bennington, N. H.
Lamson & Goodnow Mfg. Co., Shelbourne Falls, Mass.
Landers, Frary & Clark (Pearl, Ivory & Celluloid Handle Table Cutlery, Carving Sets, etc.), New Britain, Conn.
Little Valley Knife Asociation, Little Valley, N. Y.
Lothrop, H. A. Mfg. Co. (Bread Knives, etc.), Sharon, Mass.
Matthew, George ("Shoe, Bread, Oyster & Fish Knives & Peg Awls, etc.), Mansfield, Mass.
Meriden Cutlery Co. (Cheese, Bread, etc.), Meriden, Conn.
Miller Bros. Cutlery Co. (Pocket, etc.), Meriden, Conn.
Morris Cutlery Co., Morris Ill.
National Cutlery Co. (Shears, Scissors, etc.). 3d & Lehigh av, Phila., Pa.
Nichols Bros. (Carvers, Table Knives, etc.), Greenfield, Mass.
Norfolk Cutlery Co. (Knives, etc.), Norfolk, Va.
Northampton Cutlery Co. (Table Cutlery), Northampton, Mass.
Northfield Knife Co. (Pocket Cutlery, Shears, etc.), Northfield, Conn.
Novelty Cutlery Co. ("Pocket Knives, Razors, Folding Scissors, Ink Erasers, Dirk Knives, Letter Openers, Shoe Buttoners, Scapel Lances, etc."), Canton, O.
Philadelphia Novelty Mfg. Co. Cutlery Novelties), N 13th & Noble, Philadelphia, Pa.
Robeson Cutlery Co., (Pocket, etc.), Rochester, N. Y.
Rogers, Wm. A. (Ltd.), Northampton, Mass.
Russell, Jno. Cutlery Co. (Carvers, Table Cutlery, etc.), Turners Falls, Mass.
Schatt & Morgan Cutlery Co. (Pocket Knives, Razors & Shears), Titusville, Pa.
Schellhorn, Wm. & Co. (Scissors, Shears, etc.), New Haven, Conn.
Schmid, Jno. M. & Sons, Providence, R. I.
Shumate Razor Co. ("Shumate," Razors, etc.), Austin, Tex.
Silver Plate Cutlery Co., Derby, Conn.
Southington Cutlery Co. (Pocket, etc.), Southington, Conn.
Taylor Bros. & Co. (Knives), Fulton, N. Y.
Tuck Mfg. Co. (Shoe & Banana Knives, etc.), Brockton, Mass.
Valley Forge Cutlery Co., Newark, N. J.
Wallace, R. & Sons Mfg. Co. (Silver Plated Table Cutlery, etc.), Wallingford, Conn.
Williams Bros. Mfg. Co. (Nickel, Silver & Electro-Plated Table Cutlery, etc.), Gastonbury, Conn.
Wiss, J. & Sons Co. (Shears, Scissors, Razors etc.), Newark, N. J.
Wyoming Cutlery Co., Wilkesbarre, Pa.

Cut-Meter or Tachometer

Warner Instrument Co. (for Indicating Cutting Speed on Machine Tools), Beloit, Wis.

Cut-off Machines (Wood)

(See Machines, Cut-Off, Wood.)

Cut-Outs

(See also Boxes, Junction or Out-Let)

American Electric Fuse Co. (Telephone), 50 W Jackson boul., Chicago, & Adrian, Mich.
American Electric Supply Co. ("Edison," Plug), 10 E Pratt, Baltimore, Md.
Augusta Electric Co. (The Eclipse for Telephone), Augusta, Ill.
Auto Electric Shunt Co. (Arc & Incandescent), West New Brighton, N. Y. C.
Banner Incandescent Electric Co., Youngstown, O.
Bernard, E. G. Co. (Arc), Troy, N. Y.
Bogart, A. L. (Battery), 123 Liberty, N. Y. C.
Bossert Electric Construction Co., Utica, N. Y.
Boston Electric Co. (Battery, etc.), 29 Harrison av., Boston, Mass.
Brady, T. H. (Arc), New Britain, Conn.
Bryant Electric Co. (Arc & Incandescent), Bridgeport, Conn.
Clow, Geo. E. & Co. (Incandescent), 72 W Wash, Chicago, Ill.
Crescent Electrical Mfg. Co. (Incandescent), Rochester, N. Y.
D. & W. Fuse Co., "Entrance, Railway Transformer, etc." 53 Aborn, Providence, R. I.
Dale Co. (Incandescent), 22 Thames, N. Y. City
Davis, M. & Sons (Incandescent), Salem, O.
Electric Gas Lighting Co. (Battery, etc.), 115 Purchase, Boston
Electric Supply Co. (Battery, etc.), 105 S Warren, Syracuse, N. Y.
Electrical Equipment Co. (The Standard), 526 Court, Reading, Pa.
Electrical Supply Co., Sioux City, Ia.
Foote, Pierson & Co. (Telephone Storage Battery), 84 Fulton, N. Y.
Fort Wayne Electric Works (Arc & Incan.), Fort Wayne, Ind.
Fuse, D. & W. Co. (Entrance Railway, Transformer, etc.), Providence, R. I.
GENERAL ELECTRIC CO. (Arc & Incandescent), Schenectady, N. Y., & 44 Broad, New York. (See adv. index, end of book)
Gilmore Electric Co. (Incandescent), 625 E 1st, Boston, Mass.
Gleason, E. P. Mfg. Co. (Incandescent), 181 Mercer, N. Y.
Hart Mfg. Co. (Incandescent), Hartford, Conn.
Harvard Electric Co. (Fusible), 224 S Clinton, Chicago
Holtzer-Cabot Electric Co. (Battery, etc.), Brookline, Mass.
Howard Electric Co., 224 S Clinton, Chicago
Knowles, Chas. S. (Incandescent), 7 Arch, Boston, Mass.
Krantz, H. Mfg. Co., 160 7th, Brooklyn, N. Y.
Lundin Electric & Machine Co. (Arc), 176 Federal, Boston, Mass.
Marshall-Sanders Co. (Ceiling, Plug, Main & Branch), 301 Congress, Boston
New England Electric Mfg. Co. (Incandescent), West Somerville, Mass.
North Electric Co. (Telephone), 157 St. Clair, Cleveland, O.
Palste, H. T. Co. (The Edison), 3101 Ludlow, Phila., Pa.
Partrick, Carter & Wilkins (Battery, etc.), 1231 Callowhill, Phila., Pa.
Pass & Seymour (Porcelain Transformers), Solvay, Syracuse, N. Y.
Perkins Electrical Switch & Mfg. Co. (Incandescent), Bridgeport, Conn.
Peru Electric Mfg. Co. (Incandescent), Peru, Ind.
Phelps & Sons (Incandescent), Newark, N. J.
Phila Electrical & Mfg. Co. (Arc), 2011 Market, Phila., Pa.
Redding, Jerome & Co. (Arc.), 40 Hanover, Boston, Mass.
Russell Electric Mfg. Co. (Arc), 212 Eddy, Providence, R. I.
Safety Electric Switch Co. (Arc Boxes), Providence, R. I.
Sterling Electric Co. (Telephone, etc.), Lafayette, Ind.
Stewart, Frank H. & Co., 35 N 7th, Phila., Pa.
Trumbull Electric Mfg. Co. (Edison Plug), Plainville, Conn., & New York
Wagner Elec. Mfg. Co., 2015 Locust, St. Louis, Mo.
Western Electric Co. (Arc), 259 S Clinton, Chicago, & 57 Bethune, N. Y.
WESTINGHOUSE ELECTRIC & MFG. Co. (Incandescent), Westinghouse bldg, Pittsburg, Pa. District Offices: New York, Atlanta, Dallas, Baltimore, Boston, Buffalo, Chicago, Cincinnati, Cleveland, Detroit, Los Angeles, Minneapolis, New Orleans, Philadelphia, Pittsburg, St. Louis, Salt Lake City, San Francisco, Syracuse, Seattle, Denver, Mountain Electric Co., Canada; Canadian Westinghouse Co. (Ltd.), Hamilton, Ontario; Mexico, G. & O. Braniff & Co., City of Mexico. (See adv. index, end of book)
White, O. C. Co. (Battery, etc.), Worcester, Mass.
Wurdack, Wm. (Arc), 19 S 11th, St. Louis, Mo.

Cutters (Angular)

Brown & Sharpe Mfg. Co., Providence, R. I.
Clough, R. M., Tolland, Conn.
Gay & Ward, Athol, Mass.
MORSE TWIST DRILL & MACHINE Co., New Bedford, Mass.
National Twist Drill & Tool Co. ("National"), Detroit, Mich.
Pratt & Whitney Co., Hartford, Conn.
Standard Tool Co., 1260 Central av, Cleveland, Ohio

Cutters (Asphalt)

Solid Steel Tool Co. ("S. T. S."), 11 S. Jeffn., Chicago, Ill.

Cutters (Axle)

Butterfield & Co., Derby Line, Vt.
Holroyd & Co., Waterford, N. Y.

Cutters (Boiler Tube)

(See Cutters, Tube)

Cutters (Bolt)

Acme Machinery Co., Cleveland, O.
American Tool Works Co., 6th & Eggleston, Cincinnati, O.; 120 B'way, N. Y., & Frick bldg, Pittsburg, Pa.
Boynton & Plummer (Hand & Power), Worcester, Mass.
Brown, H. B. & Co., East Hampton, Mass.
Chambers Bros. Co., 52d bel Lancaster av, Phila., Pa.
Columbus Machine Co., Columbus, O.
Dedrick & Harvey Machine Co., Baltimore, Md.
Ellers, H. P. Mfg. Co., 26 S Water, Cleveland, O.
Garvin Machine Co., 137 Varick, N. Y.
Haberle & Graham (Becher Open Die Head), South Bend, Ind.
HOWARD IRON WORKS (The "Schlenker"), 287 Chicago; Buffalo, N. Y., & 126 Liberty, New York. (See adv. Index, end of book)
Landis Machine Co., Waynesboro, Pa.
National Machinery Co., Tiffin, O.
New Haven Mfg. Co., New Haven, Conn.
Niles-Bement-Pond Co., 136 Liberty, N. Y. Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Norwalk Mfg. Co., Norwalk, O.
Pratt & Whitney Co. (Turret), Hartford, Conn.
Putnam Machine Co., Fitchburg, Mass.
Reece, E. F. Co., Greenfield, Mass.
Reliance Machine & Tool Co., 31 W. Center, Cleveland, O.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.
Webster & Perks Tool Co., Springfield, O.
Wells Bros. Co., Greenfield, Mass.
Wiley & Russell Mfg. Co., Greenfield, Mass.

Cutters (Bread)

Buffalo Specialty Mfg. Co. (Lightning), Buffalo, N. Y.

Cutters (Brick & Drain Tile)

Bonnot Co. (Revolving), Canton, O.
Brewer, H. & Co., Tecumseh, Mich.
Freese, E. M. & Co. (Automatic Brick), Galion, O.

Cutters (Button Hole)

National Cutlery Co. ("National"), 3d & Lehigh av, Phila., Pa.
Wiss, J. & Sons Co. ("Bauers"), Newark, N. J.

Cutters (Cast Iron Pipe)

Smith, A. P. Mfg. Co., Newark, N. J.

Cutters (Casting)

Standard Railway Equipment Co. (Pneumatic), National Bank of Commerce bldg, St. Louis, Mo.

Cutters (Cigar)

National Selling Co., Allentown, Pa.

Cutters (Convex & Concave)

Brown & Sharpe Mfg. Co., Providence, R. I.
Clough, R. M., Tolland, Conn.
Gay & Ward, Athol, Mass.
MORSE TWIST DRILL & MACHINE Co., New Bedford, Mass.
Pratt & Whitney Co., Hartford, Conn.
Standard Tool Co., 1260 Central av, Cleveland, Ohio

Cutters (Corn)

Merriam I. Z., Whitewater, Wis.
Withington & Cooley Mfg. Co., Jackson, Mich.

Cutters (Electric Wire)

Fire Extinguisher Co. (Stecks), 373 Wabash av, Chicago, Ill.

Cutters (Ensilage)

Appleton Mfg. Co., Batavia, Ill.
Belle City Mfg. Co., Racine, Wis.
Dick, Jos. Agri'l Works, Canton, O.
Emery, G. J. ("Kendrick"), Fulton, New York
Messinger Mfg. Co., Tatamy, Pa.
New Winona Mfg. Co., Winsona, Minn.
Orangeville Agricultural Works, Orangeville, Pa.
Ross, E. W. Co., Springfield, O.
St. Albans Foundry & Implement Co., St. Albans, Vt.
Silver Mfg. Co. ("Ohio" Power), Salem, O.
Smalley Mfg. Co., Manitowoc, Wis.
Star Mfg. Co. (and Carriers), Carpentersville, Ind.
Warsaw-Wilkinson Co., Warsaw, N. Y.

Cutters (Feed)

Ann Arbor Machine Co., Ann Arbor, Mich.
Belle City Mfg. Co., Racine, Wis.
Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
Comstock, Geo. S. ("K. D." & "O. K."), Mechanicsburg, Pa.
Dick, Jos. Agri'l Works, Canton, O.
Farmers Mfg. Co., Sebring, O.
Farquhar, A. B. Co., York, Pa.
Freeman, S. & Sons Mfg. Co., Racine, Wis.
Glascock, G. T. & Sons, Greensboro, N. C.
Globe Foundry & Machine Co. (With or Without Blower Elevator), Sheboygan, Wis.
Gowanda Agricultural Works Co. (Hand), Gowanda, N. Y.
Keystone Farm Machine Co. (Hand or Power). York, Pa.
Lehr Agricultural Co., Fremont, O.
Marcy, R. G. Mfg. Co., Bluffton, Ind.
Marseilles Mfg. Co. (Steam or Horse Power). Marseilles, Ill.
Messinger Mfg. Co. (Hand & Power), Tatamy. Pa.
New Winona Mfg. Co., Winona, Minn.
Parlin & Orendorff Co., Canton, Ill.
Ross, E. W. Co., Springfield, O.
Sellers, Edw., Oakhall Station, Pa.
Silver Mfg. Co. ("Ohio" Hand & Power), Salem, O.
Smalley Mfg. Co., Manitowoc, Wis.
Smith, D. B. & Co. (Hay), Utica, N. Y.
Spangler Mfg. Co., York, Pa.
Star Mfg. Co., Carpentersville, Ill.
Westbrooks, J. B. Foundry & Mach. Co., Danville, Va.
White, E. R. & Bro., Norfolk, Va.
Williams Bros. (Cheap & Good), Ithaca, N. Y.

Cutters (Flue)

Lovejoy, T. H. (Hole), 90 Ohio, Chicago, Ill.
Mergenthaler-Ott Co. (Inc.) (for Boilers), Baltimore, Md.
Standard Railway Equipment Co., National Bank of Commerce, bldg, St. Louis, Mo.

Cutters (Fodder)

Appleton Mfg. Co., Batavia, Ill.
Comstock, Geo. S. ("Lion"), Mechanicsburg, Pa.
Dick, Jos. Agricultural Works, Canton, Ill.
Emery, G. J., Fulton, N. Y.
Eureka Mower Co. (Hand, etc.), Utica, N. Y.
Harrison, W. R. & Co., Massillon, O.
Messinger Mfg. Co., Tatamy, Pa.
Orangeville Agricultural Works, Orangeville, Pa.
Star Mfg. Co., Carpentersville, Ill.

Cutters (Gang)

Gay & Ward, Athol, Mass.
Gould & Eberhardt, 95 N. J. R. R. av, Newark, N. J.
MORSE TWIST DRILL & MACHINE Co., New Bedford, Mass.
NIAGARA MACHINE&TOOL WORKS, Buffalo, N. Y. (See adv. index, end of book)
Pratt & Whitney Co., Hartford, Conn.

Cutters (Gauge Glass)

ASHCROFT MFG. CO., THE, 85, 87, 89 Liberty, New York, & 22, 24, 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.
Bonney Vise & Tool Works, 3015 Chestnut, Phila., Pa.
Chesterdon, A. W. & Co. ("McGregor" Scotch), 64 India, Boston, Mass.
Dicke Tool Co., Downers Grove, Ill.
Hunt, Alex. E. (for Cutting Gauge Glasses), 434 Lack av., Scranton, Pa.
LUNKENHEIMER CO., General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, N. Y., & 35 Great Dover st., S. E. London. (See adv. index, end of book)
Monce, S. G., Unionville, Conn.
McRae & Roberts Co., Detroit, Mich.
Pancoast, Hy. B. (Climax), 243 S 3rd, Phila., Pa.
Wells & Coutan Co. (Ltd.), Poughkeepsie, N. Y.

Cutters (Gear)

(See Gear Cutting Machines.)

Cutters (Glass)

Barrett, W. L., Bristol, Conn.
Bonny Vice & Tool Works, 3015 Chestnut, Philadelphia, Pa
Fletcher, Terry & Co. (Interchangeable), Forestville, Conn
Goodell-Pratt Co. (With Turrett Head), Greenfield, Mass.
Mayhew, H. H. Co., Shelburne Falls, Mass.
Millers Falls Co., Millers Falls, Mass., & New York
Monce, S. G., Unionville, Conn.
Smith & Hemmenway Co. ("Red-Devil"), 299 B'way, N. Y.
Stortz, Jno. & Son, 210 Vine, Phila., Pa.

Cutters (Glass Tube)

(See Cutters, Gauge Glass)

Cutters (Inserted Tooth)

Brown & Sharpe Mfg. Co., Providence, R. I.

Cutters (Involute & Epicycloidal)

(See Gear Cutting Machines.)

Cutters (Iron, Bar & Rod)

Mersick, C. S. & Co., 286 State, New Haven, Conn.

Cutters (Key-Way)

(See Key Seating Machines, also Milling Machines.)

Cutters (Kraut)

Smith's, Jno. E. Sons Co., Buffalo, N. Y.

Cutters (Lace Leather)

Braunsdorf-Mueller Co., Elizabeth, N. J.

Cutters (Lead Pipe)

Bernz, Otto, S. 13th & S. Orange ave.
Saunders, D. Sons, Yonkers, N. Y.
Vanderman Plumbing & Heating Co., Willimantic, Conn.
Walworth Mfg. Co., 132 Federal, Boston, Mass.
Wolverine Brass Works, Grand Rapids, Mich.

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Cutters (Metal Slitting)

Gay & Ward, Athol, Mass.
MORSE TWIST DRILL & MACHINE Co., New Bedford, Mass.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. (See adv. index, end of book)
Pratt & Whitney Co., Hartford, Conn.

Cutters (Milling)

Becker, Brainard Milling Machine Co., Hyde Park, Mass.
Blaisdell, P. & Co., Worcester, Mass.
Bickford Drill & Tool Co. (Multiple Spindle), Front & Pike, Cincinnati, O.
Boston Gear Works, 152 Purchase, Boston, Mass.
Brown & Sharpe Mfg. Co. (also Side & Interlocking Side), Providence, R. I.
Cleveland Twist Drill Co., Cleveland, O.
Clough, R. M. (also Gear), Tolland, Conn.
Dwight Slate Machine Co., Hartford, Conn.
Erlandsen, Julius, 172 Centre, N. Y.
Garvin Machine Co., 137 Varick, New York
Gay & Ward (Inserted Tooth), Athol, Mass.
Geometric Drill Co., New Haven, Conn.
Gould & Eberhardt, 95 N. J. R. R. ave., Newark, N. J.
Hess Machine Co. ("Hess"), Penna. bldg, Phila., Pa.
Indianapolis Tool & Mfg. Co., Indianapolis, Ind.
Ingersoll Milling Machine Co., Rockford, Ill.
MORSE TWIST DRILL & MACHINE Co. (Side), New Bedford, Mass.
National Twist Drill & Tool Co. ("National"), Detroit, Mich.
Newton Machine Tool Works (Inc.), (Perforated for Internal Lubrication), 2343 Vine, Philadelphia, Pa.

Niles-Bement-Pond Co., 136 Liberty, N. Y. Works, Hamilton, Ohio; Philadelphia, & Plainfield, N. J.
NUTTALL, R. D. & CO., Pittsburg, Pa.
Polk, A. J. & Son (also Side Milling), Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Reading Machine & Tool Co. (Face Milling), Reading, Pa.
Rogers, Jno. M., Boat Gage & Drill Works, Gloucester, N. J.
Standard Tool Co., 1260 Central av, Cleveland, Ohio
Swaine, F. J. Co., 930 N Main, St. Louis
Thurston Mfg. Co. (Jewelers), Providence, R. I.
WHITMAN & BARNES MFG. CO., Akron, O.; 111 Chambers, New York, & West Pullman, Chicago. (See adv. index, end of book)
Whiton, D. E. Machine Co., New London, Conn.

Cutters (Moulding)

American Steam Pump Co. (Solid Steel), Battle Creek, Mich.
Oldham, Joshua & Sons (Inc.), 112 26th, Brooklyn, N. Y.
Thomson, W. S., 418 W 27th, N. Y.

Cutters (Pinion)

Bullock Mfg. Co., 172 Dwight, Springfield, Mass.
Dwight Slate Machine Co., Hartford, Conn.

Cutters (Pipe)

(See also Pipe Cutting & Threading Machines)

Armstrong Mfg. Co., Bridgeport, Conn.
ASHCROFT MFG. CO., THE, 85, 87, 89 Liberty, New York, & 22, 24, 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.
Barnes Tool Co., New Haven, Conn.
Bignall & Keeler Mfg. Co., Edwardsville, Ill.
Brown, H. B. & Co., East Hampton, Conn.
Butterfield & Co., Derby Line, Vt.
Curtis & Curtis Co., Bridgeport, Conn.
Curtis & Wilson Machine Co., West New Brighton, S. I., N. Y.
FAIRBANKS CO., 186 Elm, N. Y.; 701 Arch., Phila., Pa.; 44 Pearl, Boston; 19 Light, Baltimore; 364 B'way, Albany, N. Y.; 610 Canal, New Orleans; 210 Main, Buffalo, N. Y.; 238 Third ave., Pittsburg, Pa.; 78 City rd., London, England, & 749 Craig st., Montreal, Canada
Headson Tool & Mfg. Co. ("Headson"), Lafayette, Ind.
Hollands Mfg. Co., Erie, Pa.
Mark Mfg. Co., Evanston, Ill., & Chicago, Ill.
Oswego Tool Co. ("Barnes" Improved Three Wheel & Oswego One Wheel, etc.), Oswego, N. Y.
Pancoast, Hy B. & Co. ("Eureka"), 243 S. 3d, Phila., Pa.
Reed Mfg. Co., Erie Pa.
Rumsey & Co. (Ltd.), (Inc.), ("Stanwood" Three Wheel), Seneca Falls, N. Y.
Saunders, D. Sons, Yonkers, N. Y.
Trimont Mfg. Co. ("Trimo"), Roxbury, Boston, Mass.
Walworth Mfg. Co. (Halls, for Cast Iron Water Mains), 136 Federal, Boston, Mass.

Cutters (Pneumatic)

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, & 95 Liberty, N. Y. (See adv. index, end of book)

Cutters (Pneumatic Flue)

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, & 95 Liberty, N. Y. (See adv. index, end of book)
CHICAGO TOOL & SUPPLY CO., 356 Dearborn, Chicago, Ill. (See adv. index, end of book)
Draper Mfg. Co. ("McGrath"), Port Huron, Mich.

Cutters (Pneumatic Stay-Bolt)

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, & 95 Liberty, N. Y. (See adv. index, end of book)
Port Huron Air Tool Co. (Ltd.), Port Huron, Mich.
RELIANCE PNEUMATIC TOOL CO., Channing & Franklin avs, St. Louis, Mo. (See adv. index, end of book)
Standard Railway Equipment Co., St. Louis, Mo.

Cutters (Rack)

Baker Bros. ("Colburn"), Toledo, O.
Gay & Ward, Athol, Mass.

Cutters (Radial Duplex)

Gay & Ward, Athol, Mass.
Gould & Eberhardt, 95 N. J. R. R. av, Newark, N. J.

Cutters (Rod & Wire)

Belden Machine Co., New Haven, Conn.
Billings & Spencer Co., Hartford, Conn.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Bridgeport Hardware Mfg. Corpn. (The Jumbo), Bridgeport, Conn.
Chandler & Farquhar (Wire Stretchers & Cutters), 36 Federal, Boston, Mass.
Cronk & Carrier Mfg. Co. ("Cronk" Wire Cutter & Bender), Elmira, N. Y.
Hoefer Mfg. Co., Freeport, Ill.
Kilborn & Bishop Co. ("Dropped Forged"), 81 Lloyd, New Haven, Conn.
King, J. M. & Co. ("Button's"), Waterford, N. Y.
NIAGARA MACHINE & TOOL Works, Buffalo, N. Y. (See adv. index, end of book)
Oliver, W. W. Mfg. Co. (Jewelers, etc.), 1483 Niagara, Buffalo, N. Y.
West Mfg. Co., 374 7th, Buffalo, N. Y.

Cutters (Root)

Abbe Enginering Co., 220 B'way, N. Y.
Silver Mfg. Co. (also Vegetable), Salem, O.
Whitehurst, R. W. Co., Norfolk, Va.

Cutters (Screw Slotting)

Brown & Sharpe Mfg. Co., Providence, R. I.
Clough, R. M., Tolland, Conn.
Disston, Hy. & Sons (Inc.), Tacony, Phila., Pa., & 75 W. Wash'n, Chicago, Ill.
Gay & Ward, Athol, Mass.
MORSE TWIST DRILL & MACHINE Co., New Bedford, Mass.
Pratt & Whitney Co., Hartford, Conn.

Cutters (Sheet Metal)

Buffalo Specialty & Mfg. Co. ("Simplex," Fits any Vise), Buffalo, N. Y.

Cutters (Side)

Solid Steel Tool Co. ("S. T. S."), 11 S Jeff'n Chicago, Ill.

Cutters (Side Milling)

National Twist Drill & Tool Co. ("National"), Detroit, Mich.

Cutters (Sleet)

Porter & Berg (for the Removal of Sleet from Trolley Wires), 309 Dearborn, Chicago, Ill.

Cutters (Spiral Mill)

Brown & Sharpe Mfg. Co., Providence, R. I.
Gay & Ward, Athol, Mass.
MORSE TWIST DRILL & MACHINE Co., New Bedford, Mass.
National Twist Drill & Tool Co. ("National"), Detroit, Mich.
SHUSTER, F. B. CO., New Haven, Conn. (See adv. index, page 1200)
Standard Tool Co., 1260 Central av, Cleveland, Ohio

Cutters (Sprocket)

Brown & Sharpe Mfg. Co., Providence, R. I.
Gay & Ward, Athol, Mass.
MORSE TWIST DRILL & MACHINE Co., New Bedford, Mass.
Pratt & Whitney Co., Hartford, Conn.
Standard Tool Co., 1260 Central av, Cleveland, Ohio

Cutters (Sprue)

Adams Company ("Steel Tubular"), Dubuque, Ia.
Bliss, E. W. Co., 19 Adams, Brooklyn, N. Y.
Brass Founders' Supply Co. (Hand & Power for Brass Fdrs.), Newark, N. J.
Gould & Eberhardt (or Gate), Newark, N. J. New Haven, Conn. (See adv. index, end of book)
Hillis & Jones Co., Wilmington, Del.
Niles-Bement-Pond Co., 136 Liberty, N. Y. Works, Hamilton, Ohio; Philadelphia, Pa., & Plainfield, N. J.
NORTHERN ENGINEERING WORKS, (For Brass Founders), Detroit, Mich. (See adv. index, end of book)
SHUSTER, F. B. Co. (Foot & Power), New Haven, Conn. (See adv. index, end of book)

Cutters (Stalk)

Avery, B. F. & Sons (Spiral or Straight Knife), Louisville, Ky.
Avery Mfg. Co. (Spiral Knife), Peoria, Ill.
Deere & Mansur Co., Moline, Ill.
Gale Mfg. Co., Albion, Mich.
Lehr Agricultural Co., Fremont, O.
Moline Plow Co. ("Steel Frame"), Moline, Ill.
Parlin & Orendorff Co., Canton, Ill.
Peru Plow & Wheel Co. (Single & Double-Row), Peru, Ill.
Rock Island Plow Co., Rock Island, Ill.
St. Alban's Foundry & Implement Co., St. Alban's, Vt.
St. Joseph Plow Co. (Single & Double Row), St. Joseph, Mo.

Cutters (Stay-Bolt)

MORSE TWIST DRILL & MACHINE Co., New Bedford, Mass.
Niles-Bement-Pond Co., 136 Liberty, N. Y. Works, Hamilton, Ohio; Philadelphia, Pa.,
Standard Railway Equipment Co., National Bank of Commerce bldg, St. Louis, Mo.
Stow Flexible Shaft Co., N 26th & Buttonwood, Philadelphia, Pa.
Underwood, H. B. & Co., 1023 Hamilton, Philadelphia, Pa.

Cutters (Stocking)

Gould & Eebrhardt, Newark, N. J.

Cutters (T-Slot)

Brown & Sharpe Mfg. Co., Providence, R. I.
Gay & Ward, Athol, Mass.
MORSE TWIST DRILL & MACHINE Co., New Bedford, Mass.
National Twist Drill & Tool Co. ("National"), Detroit, Mich.

Cutters (Tap & Reamer)

Brown & Sharpe Mfg. Co., Providence, R. I.
Gay & Ward, Athol, Mass.

Cutters (Tobacco Counter)

Enterprise Mfg. Co. ("Enterprise"), Dauphin & 3d, Phila., Pa.
Erie Specialty Co., Erie, Pa.
Lehmann's Machine Works, 1216 N Mascher, Phila., Pa.
Logan & Strobridge Iron Co. ("Brighton"), New Brighton, Pa.
North Bros. Mfg. Co. ("American," also Shaves), Lehigh av & American, Phila., Pa.
Peck, Stow & Wilcox Co., Southington, Conn.
Penn Hardware Co., Reading, Pa.
Wrightsville Hardware Co., Wrightsville, Pa.

Cutters (Tube)

American Tube & Stamping Co., Bridgeport, Conn.
Hayes Harrison, 41 Cross, Portland, Me.
Henderer's, A. L. Sons, Wilmington, Del.
Murphy, Christopher & Co. ("O'Neill's" Rapid operated by hand or motor), 204 Dearborn, Chicago, Ill.
Saunders, D. Sons, Yonkers, N. Y.
Wells & Coutan Co. (Ltd.), Poughkeepsie, N. Y.
Wildeke, Gustave & Co. ("Wiedeke" Self-Feed Boiler), Dayton, O.

Cutters (Twist Drill)

Brown & Sharpe Mfg. Co., Providence, R. I.
Gay & Ward, Athol, Mass.

Cutters (Vegetable & Kraut)

Tucker & Dorsey ("Atkins Queen"), Indianapolis, Ind.

Cutters (Veneer)

(See Veneer Cutting Machines.)

Cutters (Washer & Gasket)

Bernz, Otto ("Haggerty" and Registering, etc.), S. 13th cor. S. Orange ave., Newark, N. J.
Bonney Vise & Tool Works, 3015 Chestnut, Phila., Pa.
Cincinnati Tool Co., Norwood, Cincinnati, Ohio
Johnson, Wm., 249 Plane, Newark, N. J.
Kraeuter & Co., 577 18th av, Newark, N. J.
McCrea, Jas. & Co. ("Century"), 67 W. Washn., Chicago, Ill.
Rose, J. A., Hastings, Neb.
Smith, Otis A., Rockfall, Conn.
Stortz, Jno. & Son, 210 Vine, Phila., Pa.

Cutters (Wire)

(See Cutters, Rod & Wire.)

Cutters (Wood Screw)

Boker, Hermann & Co., 101 Duane, N. Y.

Cutters (Worm Wheel)

Gay & Ward, Athol, Mass.

Cyanide

Braun, F. W., Los Angeles, Cal.
Harrison Bros. & Co. (Inc.), (Cyanide of Soda), 35th & Gray's Ferry rd, Phila., Pa.; 117 Fulton, N. Y.; Chicago, Ill., & Boston, Mass.
Roessler & Hasslacher Chemical Co., 100 William, N. Y.
Washington Cyanide Co., Blewett, Wash'n

Cyanide Plants.

Arizona & Sonora Mfg. Co., Nogales, Arizona.

Cycles (Motor)

Hendee Mfg. Co., Springfield, Mass.
Johnson's, Iver, Arms & Cycle Co., Fitchburg, Mass.

Cycles (Railway)

(See Cars, Velocipede)

Cyclometers

(See Indicators, Speed.)

Cylinder Cocks (Pneumatic)

HANCOCK INSPIRATOR CO., THE. 85, 87, 89 Liberty, New York, & 22, 24, 26 S Canal, Chicago, Ill.

Cylinder Re-Boring

Davidson, Thos. P., 407 Columbia av, Phila., Pa.
Lindstrom, Jno. F., Allentown, Pa.
Mathews, Hugh, Kansas City, Mo.
Meader, Geo. H. ("St. John" Cylinder), 38 Pearl, Boston, Mass.
Reilly & Fearon, 1162 N 3d, Phila., Pa.
Ruwell, W. F., 919 Ridge av, Phila., Pa.
Sykes Engine & Machine Co., 144 N 7th, Phila., Pa.
Underwood, H. B. & Co., 1023 Hamilton, Phila., Pa.
Ward & Upright Engineering Co., 41 York, Brooklyn, N. Y.

Cylinder & Tank Shells

SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)

Cylinders (Ammonia)

SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)

Cylinders (Anhydrous Ammonia)

Harrisburg Pipe & Pipe Bending Co., Harrisburg, Pa.

Cylinders (Artesian Well)

Myers, F. E. & Bro., Ashland, O.
Rumsey & Co. (Ltd.) (Inc.), Seneca Falls, N. Y.

Cylinders (Caisson)

PETROLEUM IRON WORKS CO., Washington, Pa., & Farmers' Bank bldg. Pittsburg, Pa. (See adv. index, end of book)
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)

Cylinders (Calcium Light)

PRESSED STEEL TANK CO., Milwaukee, Wis. (See adv. index, end of book)
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)

Cylinders (Carbon)

Eastern Carbon Works, Jersey City, N. J.

Cylinders (Carbonic Acid Gas)

Harrisburg Pipe & Pipe Bending Co., Harrisburg, Pa.

Cylinders (Cast Iron)

Bethlehem Foudry & Machine Co. (for Chemical Works, etc.), South Bethlehem, Pa.
U. S. Cast Iron Pipe & Foundry Co. (Large), 80 B'way, N. Y.; Rookery bldg., Chicago; Land Title bldg., Phila., Pa., & Chattanooga, Tenn.

Cylinders (Compress)

Dimmick Pipe Co., Birmingham, Ala.

Cylinders (Gasoline Engine)

Trumbull Mfg. Co., Warren, O.

Cylinders (Hardening)

Reeves Bros. Co. (for Brick, etc.), Alliance, O.

Cylinders (Hydraulic)

Koven, L. O. & Bro., 50 Cliff, N. Y.
Philadelphia Steel & Iron Co. (Atlas Steel), Fkd, Phila., Pa.
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)
Sterrit-Thomas Foundry Co., 32d & Smallwood, Pittsburg, Pa.

Cylinders (Hydrogen & Oxygen)

PRESSED STEEL TANK CO., Milwaukee, Wis. (See adv. index, end of book)
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)

Cylinders (Locomotive)

Philadelphia Foundry & Machine Co., 30th & Gray's Ferry rd, Phila., Pa.

Cylinders (Rock Drill)

Eastwood Wire Mfg. Co., Belleville, N. J.

Cylinders & Shells (Seamless Steel)

PRESSED STEEL TANK CO. (Cold Drawn), Milwaukee, Wis. (See adv index, end of book)

Cylinders & Tanks (Seamless)

Janney, Steinmetz & Co. (Cold Drawn Steel), Drexel bldg, Phila., Pa.
Pressed Steel Tank Co., Milwaukee, Wis.

Damp Course.

Barrett Mfg. Co., Land Title bldg, Phila., Pa.; Merchant Loan & Trust bldg, Chicago, Ill.; 17 Battery pl, New York; St. Louis, Mo.; Cleveland, O.; Cincinnati, O.; Pittsburg, Pa.; Minneapolis, Minn.; Kansas City, Mo., & New Orleans, La.

Bird, F. W. & Son ("Paroid"), East Walpole, Mass.
Boorman, T. Hugh, 32 B'way, N. Y.
Clark, Wm. Wirt & Son (Mfrs. Agts.), 115 S. Gay, Baltimore, Md.
Drehmann Paving Co., 262 Parish, Phila., Pa.
Graham Paper Co., St. Louis, Mo.
PATENT VULCANITE ROOFING CO. ("Vulcanite" Asphalt), 25 S Campbell av, Chicago, Ill. (See tdv. index, end of book)
Simpson Bros. Corporation, 166 Devonshire, Boston
Simpson Co., 138 Wash'n, Chicago
Standard Paint Co. (Ruberoid), 100 William, N. Y., & 188 Madison, Chicago, Ill.
Trinidad Asphalt Mfg. Co., 320 S 21st, St. Louis, Mo.
Vulcanite Paving Co., 114 Liberty, N. Y.
Wynn, M. F. & Co., 417 E. 23d, N. Y.

Damp Proofing Compounds

Antihydrine Co. ("Antihydrine), Wash'n bldg, New Haven, Conn.
Grote, Geo. W., 605 W 39th, New York

Damp Proofing (Dehydratine)

Gross & Horn, 245 Front, New York
LAWES, GEO. H. & CO. (Mfrs. Agts.), 4th & Jackson, St. Paul, Minn. (See adv. index, end of book)

Dampers (Fireplace, Etc.)

Covert, H. W. Co. (The Covert Throat), 266 Greenwich, New York
Jackson, Edwin A. & Bro. (Dome, Slide & Ratchet & Covert's Throat, etc.), 50 Beekman, N. Y.

Deafening Materials

CABOT, SAM'L, 141 Milk, Boston, Mass., & 28 Dearborn av, Chicago. (See adv. index, end of book)
LAWES, GEO. H. & CO. ("Cabot's Quilt"), 4th & Jackson, St. Paul, Minn. (See adv. index, end of book)

Decalcomania Transfers

MEYERCORD CO., Cham. of Com. bldg, Chicago, Ill. (See adv. below)

Decorations.

Under this heading see sub-classifications:
For other materials used for decorating, etc., see the following classifications in different parts of the book:

Carvers, Stone.
Carvers, Wood, Classic.
Capitals, Various Kinds.
Ceilings, Steel.
Floors, Parquet.
Glass Stainers.
Grille, Fret & Lattice Work.
Marble, Art (Scagliola)
Marble, Interior.
Memorial Windows.
Modelers & Sculptors, Architectural
Mosaic, Various Kinds.
Mouldings, Various Kinds.
Ornaments, Various Kinds.
Papier Mache.
Plasterers, Ornamental.
Sheet Metal Capitals Borders, Friezes, etc.
Scenic Artists.
Stucco Work.
Tiles, Various Kind.
Wall Finishes.

Decorations (Carton Pierre)

ARCHITECTURAL DECORATING CO., 204 Illinois, Chicago. (See adv. index, end of book)
BUEHNER, A. & CO., 220 N 2d, St. Louis, Mo. (See adv. index, end of book)
DECORATORS' SUPPLY CO., 209-219 S Clinton, Chicago, Ill. (See adv. index, end of book)
De Planque, F. R., 1349 Ridge av, Phila., Pa.
Eastern Ornamental Plaster Co., 168 Atlantic av, Brooklyn, N. Y.
Emmel, Chas., 383 Albany, Boston, Mass.
Liesum, George, 228 E. 24th, New York.
Marks, W. A. Plaster Ornamental Mfg. Co. 726 W 5th, Cincinnati, O.
Rudolph, Oscar, 32 E 22d New York
SEIFERT, FRANK A., PLASTIC RE-lief Co., 2646 Lawton av, St. Louis, Mo. (See adv. index, end of book)
Verpellier, H. E. & Co., 288 Wash'n, Newark, N. J.
Whitman, J. Franklin Co., 212 S 5th, Phila., Pa.
Wilhelm, Flointine Co., Madisonville, O.

Decorations (Church)

Benziger Brothers, 36 & 38 Barclay, New York; 343 Main, Cincinnati, O., & 211 Madison, Chicago, Ill.
Colgate Art Glass Co. (W. L. Coldwell), 8 Gansevoort, N. Y.
Dolan, W. J., 181 Tremont, Boston, Mass.
Geissler, R., 56 W 8th, New York
Halbert, Geo. Co., 455 Fulton, Brooklyn, N. Y.
Janes, Walter, 123 E 23d, New York.
Lamb, J. & R. (Inc.), 59 Carmine, New York
Righter & Kolb, 156 5th av, New York
Stoltzenberg Co., 51 Barclay, N. Y.
Tiffany Studios, 333 4th av, N. Y.
Wood Glass Co., 226 N Salina, Syracuse, N. Y.

Decorations (Interior)

CALIFORNIA.

LOS ANGELES—Allied Arts Co., Byrne bldg.
Binderheim, J. W. F.
Chapman, O. F., 1700 S. Main.
Interior Decorating Co., 431 S. Spring.
International Art Co., 414 S. B'way.
Parker-Klages Art Co., 452 S. Spring.
Volkmer, B., Henne bldg.
PASADENA—Arch'l Ornamental Works.
SAN FRANCISCO—Christ & Migeot, 106 Jessie
Cook's Decorating Co., 410 Sutter.
Goetze, F. W., 1330 Market.
Harmuth, Moritz, 315 Maple.
Jensen, A. P., 308 6th
Keefe, Jno. H., 317 Sutter.
Kern & Eibach, Donohue bldg.
Kreiss, Louis, 303 Sutter
Kuss, P. N., 638 Mission
O'Hara & Livermore, 354 Sutter
Quadt, Jno., 1614 Market.
Romaine, Jno. C., 640 Golden Gate av.
Schaefer, Fred, 112 McAllister.
Smith, Geo. J. & Sons, 121 Geary
Wagner Bros., 429 Pine.

COLORADO.

DENVER—Adamson & Steuart, 1614 Champa.
Guiry Bros., 837 18th.
James, B. L. Mercantile & Mfg. Co., 1517 Arapahoe
Miller, T. H., 622 15th
Murphy & Abbiati, 601 15th.
Reitze Wall Paper & Paint Co., 1643 Welton

CONNECTICUT.

BRIDGEPORT—Ellis, Edgar B., 1051 Main
Gaylor, Chas. L., 518 Water
Phelan, Jerome (Solid & Fresco), 281 State
Ring, Louis F. (Sculptor & Decorator), 260 John.
Smith, E. H., 255 Startford av
GREENWICH—Newton Decorative Co.
HARTFORD—Baxter, Wm. G., 231 Asylum
Beck, Curt E. (Furniture, etc.), 94 Allyn
Blake, Walter P., 219 Pearl
Bonner, Preston Co., 843 Main
Brainert, H. B., 84 Pratt
Crosscup, W. A., 4 Walnut pl
Darby, Theo. T. (Fresco), 37 Martin
Grenier, Geo. F. (Fresco), 19 East
Hart, Chas. R. Co., 896 Main
Harris, H. & Co., 1050 Main
McClunie, J. A., 177 Asylum
Neal, Goff & Inglis Co., 980 Main
Pepion, J. & Co. (Fresco, etc.), 25 Church
Roberts Co., 187 Pearl
Root & Young (Relief & Plastic, etc.), 286 Sheldon
Shulansky, Henry, 1069 Broad
Walker, Robt. & Co., 187 Pearl
NEW HAVEN—Collenburg, H. & E., 34 Crown
Percentini, David & Co., 329 Congress av
Platt, Jno. H., 90 Orange
WATERBURY—Charters, Jno. F., 245 E Main
Haase, L. F. Co. (Fresco, etc.), 27 Center
Taylor, A. F. Co. (Fresco, etc.), 43 Center
Valentine, O. A. (Fresco, etc.), 64 Grand
Waterbury Decorating Co., 241 N Main
Ziglatzki-Marks Co., 80 S Main

DISTRICT OF COLUMBIA.

WASHINGTON—Barr, Geo. H., 520 6th, N W
Brown, Thos. A. & Son, 1417 F, N W
Clark, Wm. E., 1508 H, N W
Copeland, M. G. Co., 409 11th, N W
Dieter, Jos. J., 913 F, N W
Emmart & Quartley, 728 13th, N W
Ernst, Chas Co., 1113 14th, N W
Haller & Haller, 1338 N Y av, N W
Henderson, Jas. B., 933 F, N W
Henderson, Richard W., 1109 F, N W
Holther, H. C., 1304 F, N W
Macnichol & Son, 428 10th, N W
Moses, W. B. & Sons, 1100 F, N W
Smith & Rupertus, 1338 N Y av, N W
Strieby, Geo. F. W. & Son, 1114 F, N W
Stumph & Lyford, 631 Mass. av
Wurdeman & Co., 610 12th, N W

GEORGIA.

ATLANTA—Atlanta Terra Cotta Co. (Staff & Composition), 6 N Forsyth
Gate City Paint Co., 309 Marietta
Kellam Bros., Equitable bldg
Koppe & Steinichen (Carvers & Modelers), 89 Houston
Otto, J. W. Co. (Interior), 2 1-2 Auburn av
Pierson & Hancock, Grant bldg

ILLINOIS.

CHICAGO—Ackerman Decorating Co., 545 W 63d
Almini Co., 107 Wabash av
ARCHITECTURAL DECORATING CO., 204 Illinois. See adv. index, end of book)
Beil & Mauch, 28 St. Clair
Benziger Bros. (Ecclesiastical), 213 Madison
DECORATORS' SUPPLY CO., 209-219 S Clinton. (See adv. index, end of book)
Eckart, Wm. Co., 335 Wabash av
Erhardt, Geo., 145 La Salle
Galvin & Davis, 1448 W Madison
Hartmann, Jno. (Carver, Modeler & Decorator, etc.), 13 N Jefferson

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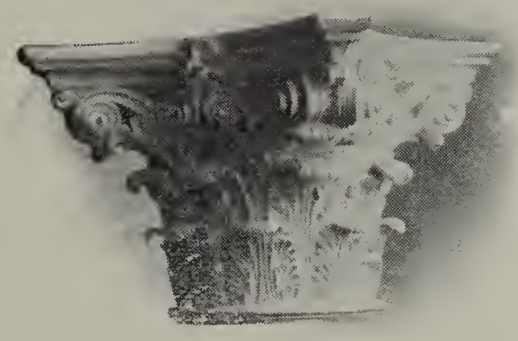
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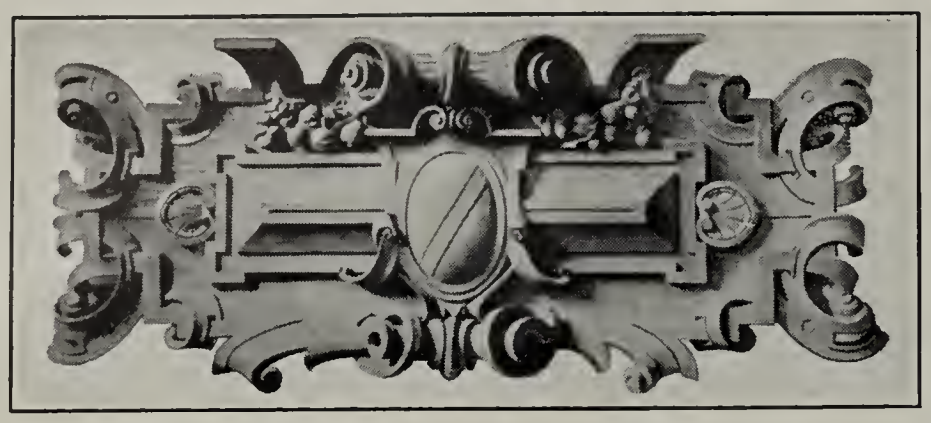


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ARCHITECT
12TH FLOOR HAYDEN BLDG., 16-18 EAST BROAD ST.
COLUMBUS, OHIO

LONG DISTANCE TELEPHONE 1200

Columbus, Ohio, Oct. 1, 1903.

Gentlemen:

I desire to inform you that we have advertised for bids forothe Franklin County Memorial Association building to be built in Columbus, Ohio. Bids are to be in by 12 o'clock, Saturday Oct. 31st. All communications must be addressed to Mr. W. H. Knauss, Secretary Franklin county Memorial Association, room 1210, New Hayden bldg., Columbus, Ohio. This building has 160 ft. front by 220 ft. deep, 76 ft. high. Walls are to be built of stone and brick. Has an asphalt and copper roof. The inside construction is of steel beams and concrete for arches. The materials used are for a fire resisting building. The interior will be finished in marble and and quarter sawed oak. The heating system will be hot blast. Interior ornamental iron work will be required.

Yours truly,

FRANK L. PACKARD.
ARCHITECT.

JONES & LAUGHLIN STEEL COMPANY.
AMERICAN IRON AND STEEL WORKS.

QUOTATIONS SUBJECT TO CHANGE WITHOUT NOTICE
ALL AGREEMENTS ARE CONTINGENT
UPON STRIKES, ACCIDENTS AND OTHER DELAY BEYOND OUR CONTROL.

ROBERT GEDDIS,
ASST GEN'L SALES AGENT,
HOT ROLLED DEPARTMENT.

Pittsburgh, November 20, 1903

S. E. Hendricks Company,

76 Elm Street,

New York City, N. Y.

Gentlemen:--

We have your favor of the 19th instant, and, in reply thereto, would advise that the following steel firms manufacture rails outside of the U. S. Steel Corporation:

Cambria Steel Company, Philadelphia, Pa.

Pennsylvania Steel Company)---Steelton, Pa.
)---Sparrows Point, Md.

Lackawanna Steel Company, New York City.

With regards to pipe mills, we would give you the following names:

Spang, Chalfant & Company, Pitteburgh, Pa.
A. M. Byers & Company, " "
La Belle Iron Works, Steubenville, Ohio.

We manufacture cold rolled shafting and are this day writing the Camden Machinery Company, Camden, Ark.

Yours truly,

Jones & Laughlin Steel Company.

Robt Geddis

A.G.S.A.

McCarthy, J. G. Co., 1832 Wabash av
Kling Bros., 912 W North av
Maxwell, S. A. & Co., 430 Wabash av
Millet, Louis J. (Glass Mosaics, Frescoing, etc.), 151 Michigan av
Milligan, Geo. D. Co., 18 Vanburen
Mitchel & Halbach, 264 Michigan av
Nelson, Jno. L. & Bro. Co., 48 Jackson boul
Nelson, W. P. Co., 193 Wabash av
Neubauer Decorating Co. (Fresco), 45 Wabash av
Nyden & Thunander, 82 E 43d
Pick, Jacob E., 112 Clark
Remien Decorating Co., 184 Indiana
Sachse, Emil O., 2324 Prairie
Splerling & Linden, 1218 Michigan av
Straub, Frank, 439 N Clark
Sturdy, J. F., 287 Mich av
Styer, Amazeen & Keane Co., 156 Wabash av
Sullivan, J. B. & Bro. (Fresco & Mural), 266 N Clark
Thiel, L. A. (Fresco), 163 Randolph
Weary, Edwin D., Marquette bldg

PEORIA—Auer, David J., 806 4th av
Bush, Jno. A., 408 Main
Grooms, U. C., 3118 N Adams
Trapp, J. B. Decorating Co., 508 Main

INDIANA.

EVANSVILLE—Colwell, Jas. M., 711 Grand av

FT. WAYNE—Ft. Wayne Art Decorative Co., 15 Arcade
Haller, Gottlieb, 362 Calhoun
Hull, S. W., 27 Clinton
Krelbaum, Fred, 92 Barr
Lang, H. R. & Co. (Plastic, Staff & Composition)

INDIANAPOLIS—Coppock Bros., 15 Pembroke Arcade
Fertig & Kevers, 40 E Wash
Gioscio, G. & Co., 123 N Noble
INTERIOR HARDWOOD CO. (See adv. index, end of book)
Mack, F. J. & Co., 26 Ky av
Schleicher, Adolf Co. (Draperies), 18 N Meridian

IOWA.

ALBIA—Bird, W. E.

BURLINGTON—Brune, H. & Co.

DES MOINES—Andresen, C. J., 579 7th
Jennings Wall Paper Co., 415 6th av
Kell, Otto, 1026 16th
Thimpson, Wm. G., 518 Grand av

FAIRFIELD—Moore, M. V. & Son

SIOUX CITY—Almskog & Anderson, 614 5th

KANSAS.

TOPEKA—Fernald, Martin & Co., 625 Kansas av
Larsh, H. L. & Co., 722 Kansas av

KENTUCKY.

LOUISVILLE—Davies, Will G., 337 10th
Duncan, T. B. & Sons, 517 3d
Fernow, F. & Sons, 326 Stein ct
Harper, J. M., 2134 Grayson
Pell, W. B. & Bro., 420 3d
Schmeidt & Herchenrader, 1062 E St. Catherine

MAINE.

PORTLAND—Durgin Bros.
Howard, W. H., 36 Union
Jost, Dan'l E., 63 Union
Spearrin & Gifford

MARYLAND.

BALTIMORE—Benson, Chas. J. & Co., 325 N Charles
Dieter, L. A., 105 N Howard
Du Brau, O. M., 606 N Eutaw
Hiss, Philip Co., 2 E North av
Hiltz, Wm. F., 3 Clay
Horner Decorative Co., 224 N Charles
Howe, J. W. & W. S., 212 Clay
Jenkins, Henry W. & Sons (Drapers), 310 N Charles
May, M. Co., 715 N Howard
Mettee & Co., 128 N Eutaw
Roche, Geo. J. & Son, 22 S Calvert
Tumbleson, R. J., 908 Madison av
Valiant, J. G. Co., 338 N Charles
Waters, T. S., Jr., 1421 N Charles
Watts, J. Marion, 15 Clay

MASSACHUSETTS.

BOSTON—Allen, Hall & Co. (Complete Interiors), 384 Boylston
Alley & Emery, 40 Beacon
Beals, Geo. N., 89 Court
Bissell, Samuel, 168 Tremont
Boston Decorating Co., 89 Court
Bowker, Lyman A. & Co. (Furniture & Draperies), 498 Boylston
Buck, C. H. & Co. (Fresco, etc.), 299 Wash'n
Clark, Cyrus T. Co. (Fesco, etc.), 45 Wareham
Codman, Richard, 149a Tremont
Cutter, A. B. Co. (Fresco & Stained Glass), 36 Columbus av
Cutler-Marshall Co., 54 Marshall
Daniels & Howlett Co., 50 State
Delorey Bros., 226 Pleasant
Dolan, Wm. J. (Fresco & Mural), 181 Tremont
EMMEL, CHARLES, 383 Albany, (Papier Mache, Plastic Relief, Compo. Plaster Staff, etc.)
Forsberg & Naylor, 5 Savin Hill av
Foster & Wiley Co., 39 Franklin
Fowle, Herbert (Fibrous Plaster Modelers & Carvers), 43 Bristol
Gregory & Brown Co., 6 Hamilton pl
Haberstroh, L. & Son (Mural, etc.), 9 Park
Hawes, C. A. (Hanging & Draperies), 280 Boylston
Hull, Stickney & Co., 42 Cornhill
Irving & Casson (Complete Interiors), 150 Boylston
Kirtland, Chas. F. & Co., 350 Boylston
Lombard, A. P. & Co. (Composition Ornaments, etc.), 101 Bristol
McCormack & Son, 137 Worcester
Mortensen & Holdensen, 154 Boylston
New England Decorating Co., 14 State
Perry, L. F. & Whitney Co., 9 Bosworth
Peters & Lindsay, 477 Tremont
Pray, Jno. H. Sons & Co. (Upholsters, Carpets, etc.), 658 Wash'n
Rogers, F. M. & Co., 31 Province
Schupbach & Zeller, 10 Park sq
Schneider Bros., 1812 Wash'n
Sears, Joshua & Co. (Fresco), 165 Tremont
Shea & Lannon, 377 Boylston
Sleep, Elliott & King Co. (Fibrous Plaster & Modelers), 351 Cambridge
Sternberg & Co., 113 Devonshire
Strauss Bros. (Fresco), 27 School
Vogt, Paul & Sons (Plastic, etc.), 110 Tremont
Walkburg & Sherry, 136 Harrison av
Wallburg & Woehrn, 60 Charles
Whitaker, Wm. B. Co., 1311 Wash'n
Wingate, Jas. I. & Son, 338 Boylston
Woodman & Kelley, 21 Barrett
Woodside, T. A. & Son, 163 Sumner, E. B.

FALL RIVER—Hoar, Geo. E. & Son, 68 Bedford
Sawyer, Chas. S. & Co., 1800 S Main
Willette, Geo. & Son, 469 Montaup
Wood & Hirst, 1002 N Main

LOWELL—Kittredge, A. L. & Co., 208 Central
Spalding, W. H. & Co. (Fresco), 20 Middle

SOMERVILLE—Story, O. L. (Fresco & Mural), 21 Tufts

SPRINGFIELD—Aquandro, F. (Fresco), 502 Main
Ashley & Buchanan Co. (Fresco), 496 Main
Atkins, A. W. (Fresco), 18 Allendale
Old Corner Decorating Co., 66 Bridge
Williams, J. H. Wall Paper Co. (Fresco), 34 Harrison av

TAUNTON—Blandin, E. G. & Co., 10 Trescott
Crowley & Savery, 43 W Water
Eastabrook, Fred W., 49 Main

WORCESTER—Minsch, Chas. C. & Co., 14 Waldo
Sandgren & Ehnborg, 274 Main
Sternberg & Co., 8 Houchin av
Strauss Bros., 6 Norwich

MICHIGAN.

BATTLE CREEK—Marsh & Link

DETROIT—Bailey Co. (Art Decorations), 224 21st
Bamford, Fred & Co. (Fresco, etc.), 253 Jefferson av
Brand, Chas. R., Son (Fresco, etc.), 1518 Woodward av
Brede & Schroeter (Fresco, etc.), 20 Adams av
Burnett, H. E. & Co., 434 Grand River av
Carr Co., 4 Valpey blk
Chittenden, A. W. (Architect & Decorator), 34 Congress, W
Danforth, E. H., 176 Clifford
Dean, Harry J. Co. (Fresco), 169 Griswold
Detroit Decorative Supply Co. (Ltd.), 810 14th
Griessel & Lenzen (Fresco), 420 Gratiot av
Hargreaves Mfg. Co., 60 18th
Kunter & Kress, 564 Gratiot av
Lenz, Wm., 475 Watson
Louys & Wickey, 926 Grand River av
Martin, M. C. & Co. (Fresco), 47 Michigan av
Otto, H. A., 964 Canfield av, E.
Palmieri, Pascal, 60 Monroe av
Roach, Jas. Co. (Fresco & Designers), 283 Woodward av
Spindler & Son, 210 Gratiot av
Vinton Co., 126 Woodbridge E
Wall, T. J. & Sons (Fresco), 836 Mich. av
Whitney & Smith, 58 Shelby
Wright, Wm. Co. (Designers & Decorators), 54 Fort, W

GRAND RAPIDS—Harvey, C. L. & Co., 59 Monroe
Heystek & Canfield Co., 75 Monroe
Noneman, C. C., 20 W Bridge

JACKSON—Marriott, H. H. (Fresco, etc.), Carter bldg

SAGINAW—Bamford, Fred & Co. (Fresco), 114 N Franklin
Boehlke, Henry & Co. (Fresco), 131 N Jefferson av
Maxon, E. C. (Fresco), 225 S Wash'n av
Sandow, Wm., 530 Lincoln av

MINNESOTA.

DULUTH—Gordon, J. Fred, 116 W Superior
Youngdahl & Oman, 207 W 1st

MINNEAPOLIS—Andrews, C. H., 1621 Queen av, N
Bradstreet, John S. & Co. (Decorators & Furnishings), 327 S 7th
Cheney, M. M., Evanston bldg
Cramer, Harry B. Co., 215 S 6th
Hubert, J. E., 1016 22d av, N E
Cramer, Harry B. Co., 215 S 6th
Taylor & Watson, 612 Nicollet av

ST. PAUL—Bazille & Partridge (Fresco), 468 Jackson
Schwartz, F. M. & Co., 271 W 5th

MISSOURI.

KANSAS CITY—Jennens, W. H. Mfg. Co. (Staff, Compo., Carton, Pierre, etc.), 1700 Wyandotte
Tracy Decorative Co., 223 E 11th

ST. JOSEPH—Janicke, Rudolph, Irish-American bldg

ST. LOUIS—Bailey Decorative Co., 1442 N Grand av
Becker, Wimar A., 810 Olive
Bowrah-Cheshire Decorating Co., 5897 Easton av
Brockman, H. G. & Co., 4407 Easton av
BUEHNER, A. & CO., 220 N. 2d. (See adv. index, end of book)
Doyle & Gahl Decorating Co., 2620 Olive
Eastman & Johnstone Mfg. Co. (Plastic, Staff Carving, Modeling, etc.), 1711 St. Charles
Gugelmann & Son, 4116 Easton av
Hey Wall Paper & Fresco Co.
Isaacs, J. L., 906 N Grand av
Loire P. Wall Paper & Frescoing Co., 4209 Olive
Newcomb Bros. Wall Paper Co., 7th cor Locust
Prall, Alfred A. (Carving, etc.), 2706 Armand
Pries, Albert, 1211 Wash'n av
Roehrig & Jacoby Wall Paper & Carpet Co., Franklin av. c 13th
SEIFERT, FRANK A., PLASTIC Relief Co. (Architectural, Plastic Relief, etc.), 2646 Lawton av. (Se adv. index, end of book)
Tauscher, Walter (Designer & Decorator), 3231 N B'way
Wendt, Aug., 3807 Botanical av
Wright-Gilmore Decorating Co., 1021 N Grand av

NEBRASKA.

OMAHA—Carson, Cleeve & Sons, 218 S 18th
Sterner, T. J., 2525 N 20th

NEW HAMPSHIRE.

MANCHESTER—McDonnell, B. F., 841 Elm

NEW JERSEY.

ELIZABETH—Boardman, Oscar J., 229 Arch
HOBOKEN—Biagiotti & Del Guercis, 74 Monroe
Schwenck, Geo. C., 114 Bloomfield
JERSEY CITY—Decorative Art Works (Inc.), 9 Fleet
NEWARK—Anderhub, A. & Co. (Carton Pierre), 65 14th av
Dorn, Wm. J. (Carver, Compo, etc.), 268 Market
Duchemin, Geo. W., 37 Wainwright
Paine, W. J. (Carton Pierre), 106 Mt. Prospect av
Prior, J. V. (Carton Pierre), 288 Wash'n
PATERSON—Garrison's, R. B. Sons, 11 Park av
SUMMIT—Baird & Garrabrant
TOWN OF UNION—(P. O. Weehawken), Orlofski Decorating Co., 539 Van Vorst pl
WEEHAWKEN—Bergman Bros., 86 Hudson av
WEST HOBOKEN—Dusberger, Henry, 508 Dodd
Hermes, Bernard N., 641 Central av

NEW YORK.

ALBANY—Albany Wall Paper Co., 148 S Pearl
Blocksidge, Jas. (Fresco & Mosaic Glass), 207 Jay
Buckley, Thos. (Fresco & Plastic Relief), 452 B'way
Cundall, Henry E., 216 N Pearl
Harrigan, John (Fresco & Stained Glass), 165 Madison av
Himburge, Richard, Broad & 4th av
Hudson & Wallace (Fresco & Stained Glass), 264 Wash'n av
Jones & Buchanan, 57 Maiden la
BINGHAMTON—Mable, Fred J., 93 State
Runyon, Geo. H., 88 Susq'nah
Van Sciver, A. D., 90 State
BUFFALO—Donovan, D. J. Co. (Fresco), 871 Main
Morgan, D. E. & Son & Allen Co., 636 Main
Smith, E. P. (Fresco), 941 Main
Thursack, Louis, 661 Walden av
GLENS FALLS—Crittenden & Cowles Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Aldridge, Fred, 117 Jay
Armstrong, A. P., 965 Bedford av
Arnold & Locke, 246 Fulton
Axelson, F. G., 327 Smith
Cedarholm, Wm., 86 7th av
Clark, Wm., 709 President
Doudera, Chas., 80 Court
Doyle's, Jno. Son, 1099 Fulton
Eastern Ornamental Plaster Co. (Relief & Plaster), 168 Atlantic av
Forman Bros., 654 Gates av
Goebel, L. A., 291 Schermerhorn
Gramercy Decorating Co., 1676 B'way
Halbert, G. & W., 455 Fulton
Hunter, Jas., 33 Clinton
Korber, A., 21 De Kalb av
Lauckhardt, Peter, 173 Clinton
Lundine Co., 321 Flatbush av
MILLS-PLATT CO., 44 Clinton
Palmquist, Anton, 990 Fulton
Svenson, O. & Sons, 397 Flatbush av
Szerlip & Kellner, 1450 B'way
Tilly, Alfred, 1395 Atlantic av

Boroughs of Manhattan & Bronx

NEW YORK—Abberley, Jno. J. & Bro., 1 Madison av
Alavoine, L. Co., 42 W 43d
Aldrich, W. H. (Decorations), 122 W 49th
Allard & Sons, 185 Madison av
Allen, C. S., 489 5th av
Anspacher, H., 729 Lex. av
Baumgarten, Wm. & Co. (Complete Interiors), 321 5th av
Beam's, N. B. Sons, 112 W 31st
Bell, Hamilton & Co. (Complete Interiors), 18 E 41st
Benziger Bros. (Ecclesiastical), 36 Barclay
Berger, H. Sons (Plastic, etc.), 101 4th av
Brickelmaier Decorating & Painting Co., 160 5th av
Briggs & Woods, 2 E 33rd
Brounet, Arthur, 1133 B'way
CHURCH ART WORK CO., 253 4th av, N. Y.
Church Glass & Decorating Co., 28 W 30th
Cockcroft, E. T., 7 W 39th
Decorative Marble Co. (Artificial Marble, etc.), 10 E 14th
Dillon, Jos. & Sons, 850 6th av
Douthitt, J. F. (Decorations), 273 5th av
Duryea & Potter, 463 5th av
Elliu, Kitson & Co. (Carvers, Sculptors, etc.), 25th & N. R.
Flint, Geo. C. Co., 43 W 23d
Gorham Mfg. Co., 19th & B'way
Gehlen Co., 42 Union sq E
Geissler, R., 56 W 8th
Glaenzer, Georges A. & Co. (Decorators), 33 E 20th
Hamerstein & Denivelle (Plastic, etc.), 451 W 54th
Hayden Co. (Furniture & Antiques), 520 5th av
Herter Bros. (Complete Interiors), 369 5th av
Herts Bros. (Complete Interiors), 507 5th av
Hess, D. S. & Co., 421 5th av
Hiss, Philip Co. (Decorators), 111 5th av
Hiscoe, Chas. C. (Decorator), 20 W 33d
Hofstatter, Theo. & Co., 589 5th av
Hoggson Bros., 7 E 44th
Huber, H. F. & Co. (Decorators), 382 5th av
Johnston, Wm. R., 500 5th av
Kerr, Jas. M. (Plaster, Papier Mache, Carton Pierre, etc.), 443 W 19th
Kimbel, A. & Sons (Complete Interiors), 398 5th av
Kissam, H. S., 156 5th av
Klee, Thomson & Co., 327 E 40th
Lamb, J. & R. (Ecclesiastical & Interiors), 59 Carmine
Lamont & Kempton, 40 E 19th
Lawrence, S. B., 291 5th av
Liesum, Geo. (Plastic Relief, etc.), 228 E 24th
Lloyd Fresco Decorating Co., 949 B'way
Marcotte, L. & Co. (Complete Interiors), 415 5th av
Murphy Decorating Co. (Paper Hanging), 520 Hudson
MYCENIAN MARBLE CO., 534 W. 34th. (See adv. index, end of book)
Nelson, John L. & Bro. Co. (Decorators & Painters), 270 W 19th
Neuman & Co., 375 5th av
N. Y. Composition & Decorating Co., 228 W Houston
N. Y. Decoration Co., 102 4th av
Parker, William, 322 7th av
Pottier & Stymus Co. (Complete Interiors), 375 Lex. av
Righter & Kolb (Artists' Plastic, etc.), 156 5th av
Rode, Frederick Co. (Complete Interiors), 518 5th av
Rowley, Jas. & Co., 857 6th av
Rudolph, Oscar (Inc.), 32 E 22d
Sloane, W. & J. (Complete Interiors), B'way & 19th
Smith, Jos. & Co. (Carving, Sculptors, etc.), 428 E 23d
Stoltzenberg Co. (Ecclesiastical), 51 Barclay
Strahan, Thos. Co., 156 5th av
Taft & Belknap Galleries (Rugs, Tiles, Bronzes, Fabrics, etc.), 1 E. 40th
Thornton Bros. (Fresco), 909 6th av
Tiffany Studios (Complete Interiors), 333 4th av
Traver, C. W., 156 5th av
Valenti & Sons, 1568 B'way
Walter, G. E. (Plastic Papier Mache & Composition), 157 E 44th
Waters, Nichols & Crowninshield, 155 W 29th
Whittredge & Barrows, 96 5th av
ROCHESTER—Hayden Co. (Complete Interiors), 224 W Maain
SYRACUSE—Allewelt, E. M. & Bro., 423 S Salina
Merz & Schweikert (Fresco & Art Relief), 921 Highland
Schneider, F. H., 439 E Water
Schnurr, Stephen, 2023 Lodi
Yale, J. W. & Son (Fresco), 320 S Salina
TROY—Ahern, M., 145 Congress
Baehr, Chas., Hill nr Bridge
Bernard & Starkey, 46 State
Bernard, E. A. 109 Church
Dorsey, Cornelius M. (Fresco), 204 4th
Holland, D. T. (Fresco), 193 4th
Messinger, John, 119 4th
Myers Bros. (Fresco), 376 3d
Schuldt, Henry (Fresco), 181 River
UTICA—Davis, Chas. P. Sons, 4 Noyes
Hiob & Pflanz, 131 Genesee
Holland Bros., 204 Bleecker
Wood Bros., 337 Genesse

OHIO.

CINCINNATI—Behrens, Wm. F. & Co., Union Trust bldg
Benziger Bros. (Ecclesiastical), 343 Main
Casnelli, Victor (Artist & Fresco), 526 Vine
Ellenberger Bros. (Decorators), 519 Main
Lay, Wm. A. & Co. (Fresco), 337 Sycamore
Matthews Decorative Co., 113 Garfield pl
Scharstein, Frank, 753 E McMillan
Tomoor, L. & Co. (Designers & Decorators), 5th & Race
Wrampelmeier, F. & Son, 604 B'way
CLEVELAND—Brooks Household Art Co., 636 Prospect
Fischer & Jirouch (Plastic, Stucco, etc.), 61 Middle
Otis, Wm. L. Co. (Furniture, Draperies, Hangings, etc.), 550 Euclid av
Rohrheimer & Hays, 277 Erie
Weber, Lind & Hall Co., 351 Erie
COLUMBUS—Batterson Decorative Co., 45 W Gay
Bryant Bros. (Fresco & Decorations), 121 S 3d
Coulson, J. W. & Co. (Fresco), 96 N. 3d
Mellnish, C. W., 251 E Long
Phillips Decorating Co., 44 N High
DAYTON—Bayer & Segerer
King Bros. & Co.
MADISONVILLE—Wilhelm, Florintine Co.
NORWOOD—Dittgen & Rapp
SPRINGFIELD—Ridgley Decorative Co., 31 W Main
TOLEDO—Allen & Parkhurst, 715 Madison
Schmidt, Fred C. Wall Paper Co., 705 Cherry

OREGON.

PORTLAND—Barger, H. J., 130 1st
Christensen, H. P., 141 6th
Moorehouse E. H. & Co., 305 Alder
Sutcliffe & Blied, 307 Alder

PENNSYLVANIA.

ALLEGHENY—Artzberger, W. H., 712 Cedar av
ALLENTOWN—Reichard, A. J., 246 N 7th
Snyder, W. H., 445 Linden
OIL CITY—Veach, Geo. J. (Fresco Hangings, Carpets, etc.)
PHILADELPHIA—Abel, Elizabeth J., 1437 Chestnut
Alcott-Ross Co., 2917 N Broad
Ashman & Alexander, 1622 Chestnut
Barsotti, Jos. & Co. (Plastic, etc.), 2037 Market
Brix & Co., 129 S 15th
Campbell, F. M. & Co., 1602 Chestnut
Chapman Decorative Co., 1502 Walnut
De Planque, F. R. (Carton Pierre, Plastic & Papier Mache), 1349 Ridge av
Duncan & Crossley, 1616 Chestnut
Evans, G. G., Crozer bldg
Gossert, Henry, 320 Harmony
Haggenbotham, Jno., 112 S 17th
Hale & Kilburn Mfg. Co., 48 N 6th
Hall & Garrison Mfg. Co., 1126 Wash'n av
Holt & Pritty, 15 S 16th
Keystone Decorating Co., 41 N 6th
Maene, Edouard (Sculptor), 309 S Lawrence
Parker, H. Hanley, 1803 N Park av
Priestman & Partners, 1107 Walnut
Whitman, J. F. Co. (Inc.) (Sculptors & Decorators), 212 S 5th
Woodville & Co., 110 S 17th
Ward & Nickelsen, 1626 Chestnut
PITTSBURG—Hoffman, W. H., 335 5th av
McKenry, Chas. E. (Papier Mache, etc.), Ferguson bldg
Van Malderan, F. T., Ann & Jumonville
Van Tine, W. H., 403 Penn av

RHODE ISLAND.

PROVIDENCE—Arhweiler, S. W. (Fresco), 8 Chestnut
Bender, O. N. & Son, 135 Orange
Goetting, M. Co., 461 Westminster
Inman & Bearse, 454 Westminster
Madden, Pat'k J. & Co. (Fresco), 22 James
Merriam Co., 383 Westminster

TENNESSEE.

MEMPHIS—Balton, Dan'l F. & Co., 11 Hernando
Delamotte & Gilbert, Planters' Ins. bldg
Grieswold Decorating Co., 32 Poplar
Justice, B. A., 2nd c Madison
Leslie & Co., 291 2nd
Price & Bower, Equitable bldg
Wilson Co., 262 2d

VIRGINIA.

NORFOLK—Anderson, Jno. A., Jr., 25 Church
Guissinger, Jno. A., 150 Granby
Umstadter-Myers Co., 230 Main
RICHMOND—Copeland, M. G. Co., 108 N 9th
Lee, Jas. R., 706 E Grace
Norwell, Chas. B., 213 N 6th
Volkmann, Adolph, 218 W Broad

WASHINGTON.

SPOKANE—Givens & Seifried, 1016 Sprague av
Jurgewitz & Co., 806 2d av
TACOMA—Nagatomo, Y. & Co.

WISCONSIN.

LA CROSSE—Oyen, Odin J., 114 S 4th
MILWAUKEE—Associated Artists, 472 Jefferson
Busse, Chas. L. & Co., 470 E. Water
Ericksen, M. & Son, 167 Juneau av
Harper, Robt. & Sons, 446 E Water
Jorgensen, C. J. (Decorator & Designer), 521 Jackson
Maxwell & Stillman, 445 Milwaukee
MILWAUKEE ORNAMENTAL Carving Co., 423 Poplar. (See adv. index, end of book)
Nase, Kraus & Koken, 401 Grand av
Panduro, Rudolph (Frescoing & Decorating), 1316 State
Petersen, P. & Sons, 456 E. Water
Sawicki, Ignatz, 469 Mitchell
Weden, H. & Co., 601 Jackson

Decorations (Plastic Relief)

ARCHITECTURAL DECORATING CO., 204 Illinois, Chicago, Ill. (See adv. index, end of book)
Bailey Co., 224 21st, Detroit, Mich.
Capaccioli, U., 632 Penn av, Pittsburg, Pa.
DECORATORS' SUPPLY CO., 209-219 S. Clinton, Chicago, Ill. (See adv. index, end of book)
Dittgen & Rapp, Norwood, O.
EMMEL, CHAS., 383 Albany, Boston, Mass.
Forman Bros., 645 Gates av, Brooklyn, N. Y.
Lang, H. R. & Co., Ft. Wayne, Ind.
Milwaukee Art Decorative Co., 1115 Wells, Milwaukee, Wis.
MILWAUKEE ORNAMENTAL CARving Co., 423 Poplar, Milwaukee, Wis. (See adv. index, end of book)
Righter & Kolb, 156 5th av, New York
Root & Young, 286 Sheldon, Hartford, Conn.
SEIFERT, FRANK A., PLASTIC RElief Co., 2646 Lawton av, St. Louis, Mo. (See adv. index, end of book)
Vogt, Paul & Sons, 110 Tremont, Boston
Walter, G. E. Co., 157 E 44th, New York
Whitman, J. F. Co., 212 S 5th, Phila., Pa.
Wilhelm & Co., 528 Reading rd, Cinn., O.

Decorations (Theatre)

ARCHITECTURAL DECORATING CO., 204 Illinois, Chicago. (See adv. index, end of book)
Arnold & Locke, 250 Fulton, Brooklyn, N. Y.
Capaccioli, U., 632 Penn av, Pittsburg, Pa.
CHURCH ART WORK CO., 253 4th av, N. Y.
DECORATORS' SUPPLY CO., 215 S Clinton, Chicago, Ill. (See adv. index, end of book)
Eckart, Wm. Co., 335 Wabash av, Chicago, Ill.
EMMEL, CHAS., 383 Albany, Boston.
Halbert, Geo., 455 Fulton, Brooklyn, N. Y.
Righter & Kolb, 156 5th av, New York
SEIFERT, FRANK A., PLASTIC RElief Co., 2646 Lawton av, St. Louis, Mo. (See adv. index, end of book)

Decorative Art Leathers

Baldwin Bros., 432 5th av, New York
Boston Artificial Leather Co., 12 E 18th N. Y.
MILLS-PLATT CO., 44 Clinton, Brooklyn, N. Y.
Righter & Kolb, 156 5th av, New York

Decorative Art Tapestries

Brounet, Arthur, 1133 B'way, N. Y.
MILLS-PLATT CO., 44 Clinton, Brooklyn, N. Y.
Turner, J. Spencer Co., 86 Worth, New York

Decorative Artists.

Nelson, W. P. Co., 193 Wabash av, Chicago

Decorative Burlap Canvases.

Richter Mfg. Co. (Tapestrolea Treatment of), Tenafly, N. J.

Decorators (Architectural)

ARCHITECTURAL DECORATING CO., 204 Illinois, Chicago. (See adv. index, end of book)
Brounet, Arthur, 1133 B'way, N. Y.
BUEHNER, A. & CO., 220 N 2d, St. Louis, Mo. (See adv. index, end of book)
Capaccioli, U., 632 Penn av, Pittsburg, Pa.
DECORATORS' SUPPLY CO., 209 to 219 S Clinton, Chicago, Ill (See adv. index, end of book)
Eastman & Johnstone, 1815 Pine, St. Louis, Mo.
EMMEL, CHARLES, 383 Albany, Boston, Mass.
MILLS-PLATT CO., 44 Clinton, Brooklyn, N. Y.
MILWAUKEE ORNAMENTAL CARving Co., 423 Poplar, Milwaukee, Wis. (See adv. index, end of book)
lyn, N. Y. (See adv. index, page 1200.)
Purdy & Hutchenson, 2206 S Park av, Chicago, Ill.
Righter & Kolb, 165 5th av, New York
Root & Young, 286 Sheldon, Hartford, Conn.
Schroeder, F. & H. (Altar Builders, etc.), c Linn & Betts, Cincinnati, O.
SEIFERT, FRANK A., PLASTIC RElief Co., 2646 Lawton av, St. Louis, Mo. (See adv. index, end of book)
Stoltzenberg Co., 51 Barclay, N. Y.
Weary, Edwin D., Marquette bldg, Chicago, Ill.

Decorators (Ecclesiastical)

Benzinger Bros., 36 Barclay, N. Y.; 343 Main, Cincinnati, O., & 213 Madison, Chicago, Ill.
Cappaccioli, U., 632 Penn av, Pittsburg, Pa.
Geissler, Rudolph, 58 W 8th, N. Y.
Stoltzenberg Co., 51 Barclay, N. Y.
Whitaker, W. B. Co., 35 Wareham, Boston, Mass.

Decorators & Painters (Mural)

Blashfield, Edwin H., 883 7th av, N. Y.
Combes, Herzog Co., 4 E 34th, N. Y.
Geissler, R., 56 W 8th, New York
Haberstroh, L. & Son, 9 Park, Boston
Maxwell, S. A. & Co., 430 Wabash av, Chicago, Ill.
Nelson, Jno. L., & Bro. Co., 160 5th av, N. Y.
Nelson, W. P. Co., 193 Wabash av, Chicago
Turner, Chas. Y., 35 W 14th, New York
Weber, Lind & Hall Co., 351 Erie, Cleveland, O.
Whitaker, W. B. Co., 35 Wareham, Boston, Mass.

Dehorners

Brown, H. H. Mfg. Co. ("Newton's"), Decatur, Ill.

Delta Metal Bars & Plates

Phosphor Bronze Smelting Co., 2204 Wash'n av, Philadelphia, Pa.

Demagnetizers (Watch)

Miller-Knoblock Elec. Mfg. Co., South Bend, Ind.

De-Odorizers (Coal Tar)

Armitage Mfg. Co. (for Destroying Smell in Tar Paints, etc.), Richmond, Va.

De-Rails (Street Railway)

BUDA FOUNDRY & MFG. CO. ("Buda"), Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
New York Switch & Crossing Co., Hoboken, N. J.
Pneumatic Gate Co., 100 Wash'n, Chicago
Sheffield Car Co., Three Rivers, Mich.

Derrick Irons & Fittings

AMERICAN HOIST & DERRICK CO., St. Paul, Minn. Branch Offices, 60 S Canal, Chicago, Ill.; 39 Cortlandt, New York; Tremont bldg, Boston, Mass.; Hennen bldg, New Orleans, La., & Builders' Exchange, Baltimore, Md. (See adv. index, end of book)
ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Apex Equipment Co., 11 B'way, N. Y.
Bayley, Wm. & Sons Co., 732 Greenbush, Milwaukee, Wis.
Beatty, M. & Sons, Welland, Ontario, Canada
BRODERICK & BASCOM ROPE CO., 809 N Main, St. Louis, Mo., & 33 South, N. Y. (See adv. index, end of book)
BYERS, JNO. F., MACHINE CO., Ravenna, O. (See adv. index, end of book)
CARPENTER, GEO. B. & CO., 202 S. S. Water, Chicago, Ill. (See adv. index, end of book)
Claffy's, John Sons, 48 Dey, N. Y
Contractors Plant Mfg. Co., 129 Erie, Buffalo, N. Y.
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y., & 42 Dey, N. Y. (See adv. index, end of book)
Flory, S. Mfg. Co., Bangor, Me.
Harvey, H. H., 608 Atlantic av, Boston, Mass.
HAZARD MFG. CO., Wilkesbarre, Pa., & 50 Dey, N. Y. (See adv. index, end of book)
Hinds, Thos., Malone, N. Y.
LESCHEN, A. & SONS ROPE CO., 920 N 1st, St. Louis, Mo.; 137 E Lake, Chicago; 163 Wash'n, New York, & 1717-23 Arapahoe, Denver, Colo. (See adv. index, end of book)
LIDGERWOOD MFG. CO., 90 Liberty, New York, & Old Colony bldg, Chicago, Ill. (See adv. front colored page)
Lord, Bowler Co., 41 Center, Cleveland, O.
National Hoist & Machine Co., 463 W 22nd, Chicago, Ill.
NATIONAL HOISTING ENGINE CO., Harrison, N. J. (See adv. index, end of book)
Nazareth Fdry. & Machine Co., Nazareth, Pa.
New Albany Mfg. Co., New Albany, Ind.
Norman & Evans, Lockport, N. Y.
Phoenix Steel Construction Co., Penn av c 3d, Pittsburg, Pa.

Pittsburg Block & Mfg. Co., 8816 South av, Allegheny, Pa.
Smith, Theo. & Sons Co., ft of Essex, Jersey City, N. J.
South Baltimore Steel Car & Foundry Co., Baltimore, Md., & 11 B'way, N. Y.
Vulcan Iron Works, 59 Milwaukee av, Chicago, Ill.
WONHAM - MAGOR ENGINEERING Co. (Revolving), 29 B'way, New York. (See adv. index, end of book)

Derrick Rope Mfrs.

(See Manila & Sisal Rope Mfrs.; also Wire Rope Mfrs.)

Derricks

(Under this heading see sub-classifications.)

(See also Cranes of Various Kinds; also Hoists of Various Kinds.)

AMERICAN HOIST & DERRICK CO., St. Paul, Minn. Branch Offices, 60 S Canal, Chicago, Ill.; 39 Cortlandt, New York; Tremont bldg, Boston, Mass.; Hennen bldg, New Orleans, La., & Builders' Exchange, Baltimore, Md. (See adv. index, end of book)
ANDERSON, WM. H. & SONS (Full Circle Guy), Detroit, Mich. (See adv. index, end of book)
Bacon, Earle C., 26 Cortlandt, N. Y.
Beatty, M. & Sons, Welland, Ontario, Canada.
BRODERICK & BASCOM ROPE CO., 809 N Main, St. Louis, Mo., & 33 South, N. Y. (See adv. index, end of book)
Brown, J. K. Co., 185 3d av, Brooklyn, N. Y.
Brunner & Lay, 133 W Polk, Chicago, Ill.
BYERS, JNO. F., MACHINE CO. (Steam & Hand Power), Ravenna, O. (See adv. index, end of book)
CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
Clark, Alex. & Co., Quincy, Mass.
Contractors Plant Mfg. Co. (Steel or Wood), 127 Erie, Buffalo, N. Y.
CONTRACTORS SUPPLY & EQUIPment Co., Old Colony bldg, Chicago; 170 B'way, New York, & 509 W 5th, Kansas City, Mo. (See adv. index, end of book)
Cram, D. H., Powers st, Boston, Mass.
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y., & 42 Dey, N. Y. (See adv. index, end of book)
Flory, S. Mfg. Co., Bangor, Pa.
Harvey, H. H., 608 Atlantic av, Boston, Mass.
Hayward Co., 99 Cedar, N. Y.
Hinds, Thos., Malone, N. Y.
HOISTING & CONVEYING MACHINery Co., 44 N Elizabeth, Chicago, Ill. (See adv. index, end of book)
Jacobs, Chas. C. Bridge & Iron Works (Steel), Amboy, Ill.
Kaltenbach & Griess (Steel), Cleveland, O.
Lake Shore Engine Works (& Derrick Hoisters), Marquette, Mich.
LESCHEN, A. & SONS ROPE CO., 920 N 1st, St. Louis, Mo.; 163 Wash'n, N. Y., & 1717-23 Arapahoe, Denver, Colo. (See adv. index, end of book)
LIDGERWOOD MFG. CO., 96 Liberty, N. Y. & Old Colony bldg, Chicago. (See adv. Front Colored Page)
Lincoln Iron Works, Rutland, Vt.
Lord, Bowler Co., 41 Center, Cleveland, O.
McMyler Mfg. Co., 182 Columbus, Cleveland, O.
Mine & Smelter Co., Denver, Colo., 139 Liberty, New York, Salt Lake City, Utah, and Elpaso, Tex.
Motley, Thornton N., 14 John, New York
MUNDY, J. S., 22 Prospect, Newark, N. J. (See adv. front colored page)
National Hoist & Machine Co., 463 W 22nd, Chicago, Ill.
Norman & Evans, Lockport, N. Y.
Parker Company, 1425 Montana, Chicago, Ill.
Patch, F. R. Mfg. Co., Rutland, Vt.
RAWSON & MORRISON MFG. CO., Cambridgeport, Mass. (See adv. index, end of book)
Richmond, A. K. & Son, 511 E 5th, Boston, Mass.
Safety Steel Derrick Co. (Steel), Bowling Green, O.
St. Cloud Iron Works, St. Cloud, Minn.
Shannon, J. Jacob & Co., 1744 Market, Phila., Pa.
Smith, Whitcomb & Cook Co., Barry, Vt.
South Baltimore Steel Car & Foundry Co., Baltimore, Md., & 11 B'way, N. Y.
SPEIDEL, J. G. (Folding), c Buttonwood & Gordon, Reading, Pa. (See adv. index, end of book)
Standard Supply & Euipment Co., 1710 Market, Phila., Pa.; Altoona, Pa., & 811 Liberty av, Pittsburg, Pa.
UNION ELEVATOR & MACHINE CO., 144 Ontario, Chicago, Ill. (See adv. index, end of book)
Union Machine & Boiler Co., 108 River, Cleveland, O.
Vulcan Iron Works, 59 Milwaukee av, Chicago
Vulcan Iron Works, Toledo, O.
Vulcan Iron Works, Wilkesbarre, Pittston & Tamaqua, Pa.
Whitcomb Bros. (Boom), Barre, Vt.
WHITING FOUNDRY EQUIPMENT Co., Harvey, Ill. (See adv. index, end of book)
WONHAM-MAGOR ENGINEERING Co. (Revolving), 29 B'way, New York. (See adv. index, end of book)

Derricks (Electrical)

GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, New York. (See adv. index, end of book)

Derricks (Pile Driving)

Contractors Plant Mfg. Co., 127 Erie, Buffalo, N. Y.
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y., & 42 Dey, N. Y. (See adv. index, end of book)
LIDGERWOOD MFG. CO., 96 Liberty, N. Y., & Old Colony bldg, Chicago (See adv Front Colored page)
McMyler Mfg. Co., Cleveland, O.
Smith, Theodore & Sons Co., ft of Essex, Jersey City, N. J.
Vulcan Iron Works, 57 Milwaukee av, Chicago

Derricks (Steam)

(See Derricks.)

Derricks (Sugar Cane Handling)

GREGG CO. (Ltd.), Newburgh, N. Y. (See adv. index, end of book)

Derricks (Traveling)

AMERICAN HOIST & DERRICK CO., St. Paul, Minn. Branch Offices, 60 S Canal, Chicago, Ill.; 39 Cortlandt, New York; Tremont bldg, Boston, Mass.; Hennen bldg, New Orleans, La., & Builders' Exchange, Baltimore, Md. (See adv. index, end of book)
Beatty, M. & Sons, Welland, Ontario, Canada
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y., & 42 Dey, N. Y. (See adv. index, end of book)
Hayward Co., 97 Cedar, New York
Kaltenbach & Griess, Cleveland, O.
McMyler Mfg. Co., Cleveland, O.
Morgan Engineering Co. (Electric, etc.), Alliance, O.
NATIONAL HOISTING ENGINE CO., Harrison, N. J. (See adv. index, end of book)
RUSSEL WHEEL & FOUNDRY CO. Detroit, Mich. (See adv. index, end of book)
SHAW, WILLIS, 171 Lasalle, Chicago, Ill. (See adv. index, end of book)

Desk Mfrs.

American Desk & Stool Co., 30 Howard, New York City, N. Y.
Andrews, A. H. Co., 174 Wabash av, Chicago, Ill.
Armstrong & Barthelmes, Boston, Mass.
Atlanta Table Co., Atlanta, Ga.
Bagby Furniture Co., Baltimore, Md.
Barley & Spencer Lumber Co., Marion, Ind.
Beals, Thos. P. Co. (Inc.), Portland, Me.
Bently & Gerwig Furniture Co., Parkersburg, W. Va.
Berlin Mills Co., Portland, Me.
Beuttel, H. H., Atlanta, Ga.
Bowen Mfg. Co., The, Fond Du Lac, Wis.
Breed-Johnson Furniture Co., Jamestown, N. Y.
Butler Mfg. Co., Syracuse, N. Y.
California Lumber & Milling Co., San Francisco., Cal.
Capitol Chair Co., Brooklyn, Wis.
Central Mfg. Co., 41 Armour, Chicago, Ill.
Chattahooche Furniture Co., Flowery Beach, Ga.
Chautauqua Desk Co., Kane, Pa.
Coleman, Jas. D., Syracuse, N. Y.
Columbia Lumber & Mfg. Co., Columbia, S. C.
Corn Palace Mfg. Co., Sioux City, Ia.
Cutler, A. & Son, Buffalo, N. Y.
Dearborn Desk Co., Birmingham, Ala.
Dana, Geo. W., Camden, N. Y.
Derby Desk Co., Boston, Mass.
Dietz, J. F. & Co., Cincinnati, O.
Dodge Furniture Co., Manchester, Mass.
Dornette, J. & Bro., The, Cincinnati, O.
Doten-Dunton Desk Co., Boston, Mass.
Dubuque Cabinet Makers' Association, Dubuque, Ia.
Estes, E, B. & Sons, 45 John, New York City, N. Y.
Fassler, Jacob, Utica, N. Y.
Feige, E. Desk Co., Saginaw, Mich.
Feige, George, Saginaw, Mich.
Forest City Furniture Co., Rockford, Ill.
Fort Wayne Special Furniture Co., The, Fort Wayne, Ind.
Franklin Desk Co., Franklin, Ind.
Fravel, Joseph, Woodstock, Va.
Friederich, L. & Bros., St. Louis, Mo.
Fuller, Geo. S. Desk Co., San Francisco, Cal.
Globe Fixture & Furniture Co., Quincy, Ill.
Globe-Wernicke Co., Cincinnati, O.
Grand Rapids Desk Co., Muskegon, Mich.
Gunn Furniture Co., The, Grand Rapids, Mich.
Hall, G. W. & Co., Boston, Mass.
Haney School Furniture Co., Grand Rapids, Mich.
Hanpeter, Frederick W., St. Louis, Mo.
Hardwood Manufacturing Co., Greensboro, N. C.
Hemmer Bros., Newark, N. J.
Henry Mfg. Co., Los Angeles, Cal.
Herrmann & Co., 196 Mulberry, New York City, N. Y.
Herkimer Manufacturing Co., Herkimer, N. Y.
Himmel, M. L. & Son, Baltimore, Md.
Holman, R. Co., Chelsea, Mass.
Honeoye Falls Wood Working Co., Honeoye Falls, N. Y.
Horrocks Desk Co. (Inc.), Herkimer, N. Y.
Hubbard, J. C. Mfg. Co., Boston, Mass.
Ideal Furniture Co., Grand Rapids, Mich.
Jasper Furniture Co., Jasper, Ind.
Johnson Bros., St. Paul, Minn.
Kansas City Furniture Co., Kansas City, Mo.
Kelsall, Thos. & Co., Cincinnati, O.
Keppel, R. J. & Co., Chester, Pa.
Keyer, G. & Co., Cincinnati, O.
Kleeman, W. & Co., 619 W 54th, New York City, N. Y.
Koenig Furniture Co., St. Louis, Mo.
Larson, Peter, 189 Iowa, Chicago, Ill.
Lauter, Herman, Indianapolis, Ind.
Leopold Desk Co., Burlington, Ia.
McCassey Bros., Cincinnati, O.
Macey, Fred Co. (Ltd.), The, Grand Rapids, Mich.
Mason, J. W. & Co., 436 Pearl, New York City, N. Y.
Melchoir Bros. Furniture Co., 8 Dayton, Chicago, Ill.
Meyer & Farrer, Carthage, N. Y.
Michigan Order Work Furniture Co. (Ltd.), Grand Rapids, Mich.
Minneapolis Desk Mfg. Co., Minneapolis, Minn.
Minneapolis Office & School Furniture Co., Minneapolis, Minn.
Montgomery Table Works, Montgomery, Pa.
Moon Desk Co., Muskegon, Mich.
Moore Mfg. Co., Springfield, Mo.
Myrtle Furniture Co., High Point, N. C.
Niagara Desk Co., Buffalo, N. Y.
Northwestern Furniture Co., Milwaukee, Wis.

Novelty Wood Work Co. (Inc.), Union City, Pa.
Olsen, O. C. S. & Co., 240 Austin av, Chicago, Ill.
Oregon Furniture Mfg. Co., Portland, Ore.
Orpin Bros., Boston, Mass.
Parker-Battle-Talbot Mfg. Co., Tullahoma, Tenn.
Passow's, Chas. Sons, 196 Wash'n, Chicago, Ill.
Peck & Hills Furniture Co. 1319 Michigan av, Chicago, Ill.
Petersen, A. & Co., 21 Armour, Chicago, Ill.
Queen Desk Co., Long Island City, N. Y.
Quigley Furniture Co., The, Whitesboro, N. Y.
Rabenau, Martin, Philadelphia, Pa.
Rauch Manufacturing Co., 83 W Chicago av, Chicago, Ill.
Rockwell-Wabash Co., 151 Wabash av, Chicago, Ill.
Roehr, Charles Co., The, Bucyrus, O.
Rowlett Desk Manufacturing Co., Richmond, Ind.
St. Paul Furniture Co., St. Paul, Minn.
Scherer, John C., Jr., Baltimore, Md.
Schmidt, H. Sons Co., Keokuk, Ia.
Schwarzwaelder, L. A., Chichester, N. Y.
Shaw-Walker Co., The, Muskegon, Mich.
Shelbyville Desk Co., Shelbyville, Ind.
Simonson, R. A. & Co., 135 Adams, Chicago, Ill.
Standard Furniture Co., Herkimer, N. Y.
Tell City Desk Co., Tell City, Ind.
Toledo Desk & Fixture Co., Toledo, O.
Union Desk Co., Boston, Mass.
Union Furniture Mfg. Co., Union, S. C.
Utica Cabinet Co., Knoxville, Tenn.
Valley City Desk Co., Grand Rapids, Mich.
Vaught, H. C. Sons & Co., Parker, Ind.
Vetter Desk Works, Rochester, N. Y.
Wagemaker Furniture Co., The, Grand Rapids, Mich.
Weiss, Joseph & Bros., Philadelphia, Pa.
Western Furniture Co., St. Louis, Mo.
Winnebago Furniture Manufacturing Co., Fond-du-Lac, Wis.
Winneberger, George & Son, Philadelphia, Pa
Winter, M. Lumber Co., Sheboygan, Wis.
Winston Furniture Co., Winston-Salem, N. C.
Witte, J. C., Manufacturing Co., Minneapolis, Minn.
Yawman & Erbe Mfg. Co., Rochester, N. Y.

Desk Slides

STANLEY WORKS (Wrought Steel), New Britain, Conn., & 79 Chambers, New York. (See adv. index, end of book)

Desks (Metallic)

BERGER MFG. CO. Main Office & Works, Canton O. Branches, 210 E 23d, New York; 23 Lake, Chicago, Ill.; 623 N Main, St. Louis, Mo.; 1215 Filbert, Phila., Pa., & 176 Federal, Boston, Mass. (See adv. index, end of book)
Cornell, J. B. & J. M. Co., 20th & 11th av, New York
General Fireproofing Co. ("All Steel"), Youngstown, O.; 156 5th av, New York; 541 Wood, Pittsburg, Pa.; Old Colony bldg, Chicago, Ill, & Washington, D. C.

Detectors (Ground)

Boston Electric Co. (Battery), 29 Harrison, Boston, Mass.
Empire Electrical Instrument Co., 656 Hudson, New York
Fort Wayne Electric Works, Fort Wayne, Ind.
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, New York. (See adv. index, end of book)
Keystone Electrical Instrument Co., 901 Montgomery av, Phila., Pa.
S. E. I. Co., Syracuse, N. Y.
Stanley Electric Mfg. Co., Pittsfield, Mass.
Whitney Electrical Instrument Co., Penacook, N. H.

Dye Wood Extracts

Stamford Mfg. Co., Stahford, Conn.

Diaphragms (Car)

Acme Supply Co., Chicago, Ill.
Adreon & Co., Security bldg, St. Louis, Mo.
Boston Belting Co. (Vestibule), 256 Devonshire, Boston, Mass., 100 Reade, N. Y.
Railway Appliances Co., Old Colony bldg, Chicago, Ill.
Ward, E. J. Co. ("Ajax," made from cotton belting), 100 Lake, Chicago, Ill.
Whitman & Barnes Mfg. Co. (All Rubber or Cloth Insertion), West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York
Wood, G. S. & Co. ("Acme," sewed or sewed and riveted), 100 Lake, Chicago, Ill.

Die Block Steel.

(See Steel Mfrs., Tool.)

Die Sinkers

Adriance Machine Works, Brooklyn, N. Y.
American Tube & Stamping Co., Bridgeport, Conn.
Billings & Spencer Co., Hartford, Conn.
Blake & Johnson, Waterbury, Conn.
Bliss, E. W. Co., Brooklyn, N. Y.
Canton Foundry & Machine Co., Canton, O.
Clapp, E. D. Mfg. Co., Auburn, N. Y.
Cleveland Galvanizing Works, Cleveland, O.
Crowe Metal Mfg. Co., 71 W. Jackson bldg, Chicago, Ill.
Globe Machine & Stamping Co., Cleveland, O.
Hay-Budden Mfg. Co., 254 N Henry, Brooklyn, N. Y.
Hibbard, W. H. Mfg. Co., Brooklyn, N. Y.
HOWARD IRON WORKS, 287 Chicago, Buffalo, N. Y. & 126 Liberty, N. Y. (See adv. index, end of book)
Keystone Drop Forge Works, Chester, Pa.
Konigslow, E. Stamping & Tool Works, Cleveland, O.
Leffler, Chas. & Co., Brooklyn, N. Y.
NIAGARA MACHINE & TOOL Works, Buffalo, N. Y. (See adv. index, end of book)
Niles-Bement-Pond Co., 136 Liberty, N. Y.
Pratt & Whitney Co., Hartford, Conn.
Richard Mfg. Co., Bloombsurg, Pa.
Schwerdtle Stamp Co., Bridgeport, Conn.
Sennett, Geo. B. Co., Youngstown, O.
Standard Machine Co., Providence, R. I.
V. & O. Press Co., Glendale Station, L. I.
Wheeling Mold & Foundry Co., Wheeling, W. Va.
Williams, J. H. & Co., Brooklyn, N. Y.
Wilson & Smith, Worcester, Mass.

Dies.

(Under this heading see sub-classifications.)

Acme Machinery Co., Cleveland, O.
Adriance Machine Works, 254 Van Brunt, Brooklyn, N. Y.
AMERICAN BRAKE SHOE & FOUNDRY Co. (Steel), Mahwah, N. J.; 170 B'way, New York, Western Union bldg, Chicago, Ill. (See adv. index, end of book)
American Can Co., 11 B'way, New York & Merchants Loan &Trust bldg, Chicago, Ill.
American Hdw. Mfg. Co., Ottawa, Ill.
American Tube & Stamping Co., Bridgeport, Conn.
Ames, B. C. & Co. (Punches & Dies), Waltham, Mass.
Armstrong Mfg. Co., Bridgeport, Conn.
Avery Stamping Co., Cleveland, O.
Ayars Machine Co. (for Can Makers), Salem, N. J.
Bardons & Oliver, 20 Water, Cleveland, O.
Barrett Bros., 43 Haverhill, Boston
Beaudry, T. J., 161 Summer, Boston
Becker, August, Engineering Co., 247 Atlantic av, Boston Mass,
Belden Machine Co., New Haven, Conn.
Bender, Ph. J. & Sons, 87 Frankfort, N. Y.
Billings & Spencer Co., Hartford, Conn.
Blake & Johnson, Waterbury, Conn.
Bliss, E. W. Co., 19 Adams, Brooklyn, N. Y.
Bremer Machine & Tool Co., Kalamazoo, Mich.
Brockton Die Co., Brockton, Mass.
Brown, F. S. & G. L., 20 E Fort av, Baltimore, Md.
Buescher Mfg. Co., Elkhart, Ind.
Bultman, F. H. Co., 131 Viaduct, Cleveland, Ohio
Burke, P. F., Dow c Dorchester, Boston, Mass.
Burroughs, Chas. Co., 143 Commerce, Newark, N. J.
Butterfield & Co., Derby Line, Vt.
Canton Roll & Machinery Co., Canton, O.
Card, S. W. Mfg. Co., Mansfield, Mass.
Carpenter, J. M. Tap & Die Co., Pawtucket, R. I.
Champion Blower & Forge Co. (Blacksmiths'), Lancaster, Pa.
Chesterman, F. E. & Co., 243 Arch, Phila., Pa.
Chicago Last & Die Co., 194 S Clinton, Chicago
Chicago Model Works, 181 E Madison, Chicago, Ill.
Chrome Steel Works (Chrome Steel), Chrome, N. J.
Cincinnati Screw & Tap Co. (All Kinds), 2442 Beekman, Cincinnati, O.
Cincinnati Specialty Mfg. Co., Colerain av & Dorman
Clark Novelty Co., 380 Exchange, Rochester, N. Y.
Cleveland Punch & Shear Works, Cleveland, O.
Cleveland Stamping & Tool Co., cor Hamilton & Coe, Cleveland, O.
Consolidated Press & Tool Co., 98 N Clinton, Chicago, Ill.
Columbia Novelty Mfg. Co., 1431 N 8th, St. Louis, Mo.
Crescent Novelty Mfg. Co., 703 S B'way, St. Louis, Mo.
Crane Co., 10 N Jefferson, Chicago, Ill.
Cross & Spiers Machine Co., Waterbury, Conn.
Denver Novelty Works & Electric Co., 1518 Lawrence, Denver, Colo.
Detroit Brass & Iron Novelty Co., 14 Atwater W Detroit, Mich.
Diamond Saw & Stamping Works, 357 7th, Buffalo, N. Y.
Dorman, J. F. W. Co., 121 E Fayette, Baltimore, Md.
Draher, Jno., 70 N Elm, Waterbury, Conn.
Duprey & Son, Brockton, Mass.
Eagle Tool Co., 5th & Elm, Cinn., O.
Eames, Chas. F. Engineering Works, 257 Fulton, Chicago, Ill.
Ellison Bros., 2213 Bridge, Phila., Pa.
Erdle & Schenck, Rochester, N. Y.
Eucker, Louis A., Little Ferry, N. J.
Ferracute Machine Co. (Sheet Metal), Bridgeton, N. J.
Forsyth Mfg. Co., 308 Terrace, Buffalo, N. Y.
Geometric Drill Co., New Haven, Conn.
Globe Machine & Stamping Co., Cleveland, O.
Gordon, Wm. J., 235 Bread, Phila., Pa.
Graham, R. S., New Haven, Conn.
Grand Rapids Brass Co., Grand Rapids, Mich.
Griswold, Geo. M., New Haven, Conn.
Heartley Machine. Variety. Iron & Tool Works (Sheet Metal Cutting & Forming Dies & Tools), Toledo, O.
Hatheway Mfg. Co., Bridgeport, Conn.
Hay-Budden Mfg. Co., 254 N Henry, Brooklyn, N. Y.
Hersey & Annette, Milford, Mass.
Hibbard, Wm. H. (Blanking, Combination, etc.), 79 Wash'n, Brooklyn, N. Y.
Hilles & Jones Co., Wilmington, Del.
Hoggson & Pettis Mfg. Co., New Haven, Conn.
Holroyd & Co. (Bicycle, etc.), Waterford, N. Y.
Hoopes & Townsend Co., 1330 Buttonwood, Phila., Pa.
HOWARD IRON WORKS, 287 Chicago, Buffalo, N. Y. & 126 Liberty, N. Y. (See adv. index, end of book)
Ideal Machine Co., Hartford, Conn.
Jones & Lamson Machine Co., Springfield, Vt.
Kalamazoo Foundry & Machine Co. (Cutting, Furring, etc.), Kalamazoo, Mich.
Keene, Geo. C. & Co., 2327 Florence, Cincinnati, O.
Keystone Drop Forge Works, 19th & Clearfield, Philadelphia, Pa.
Kilborn & Bishop Co., New Haven, Conn.
King, J. M. & Co., Waterford, N. Y.
Knight, W. B. & Co., 1518 Olive, St. Louis, Mo.
Konigslow, E. Stamping & Tool Works, 134 Champlain, Cleveland, O.
Krueger Mfg. Co., 463 Front, Milwaukee, Wis.
Lang, J. A. & Sons, 280 Dover, Boston
Lange & Fischer, Providence, R. I.
Leffler, Chas. & Co., 63 Clymer, Brooklyn, N. Y.
Loyd, Jno. Co., 558 Water, N. Y.
Lewthwaite, T. H., 142 Centre, N. Y.
Lynn Die Co., Lynn, Mass.

McCABE HANGER MFG. CO., 425 W. 25th. (See adv. index, end of book)
Milwaukee Automatic Machine Co. (Punches & Tools), Milwaukee, Wis.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Mossberg, Frank Co., Attleboro, Mass.
Nacke, A. & Son, 723 Sansom, Phila., Pa.
National Machine & Tool Co., 253 A, Boston, Mass.
Ness, Geo. M., Jr., 61 Fulton, N. Y.
NIAGARA MACHINE & TOOL WORKS Buffalo, N. Y. (See adv. index, end of book)
Oswego Tool Co., Oswego, N. Y.
Peck, Stow & Wilcox Co., 27 Murray, New York, & Southington, Conn.
Perry, Andrews & Co., Brockton, Mass.
Phila. Machine Tool Co., 445 N Darien, Phila., Pa.
Philadelphia Roll & Machine Co, 23d & Washington, Phila., Pa.
Pratt & Whitney Co., Hartford, Conn.
Proctor-Raymond Mfg. Co. (Special Tools), Detroit, Mich, & Buffalo, N. Y.
Ranz-Lambrecht Mfg. Co., St. Louis, Mo.
Reece, E. F. Co., Greenfield, Mass.
Richards Mfg. Co. (Ltd.), Bloomsburg, Pa.
Robinson, J. M. Mfg. Co., 2d & Central av, Cincinnati, O.
Sennett, Geo. B. Co., Youngstown, O.
Sigourney Tool Co., Hartford, Conn.
Skareen & Ericsson, 58 1st, Detroit, Mich.
Smith, Ira B., Bristol, Conn.
Smith, Thos. & Co., Worcester, Mass.
Standard Die Co., 456 E 2d, Cincinnati, O.
Stortz, Jno & Son, 210 Vine, Phila., Pa.
Swaine, Fred J. Co., 7th & O'Fallon, St. Louis, Mo.
Thomson Mfg. Co., 38 Chardon, Boston
Toledo Machine & Tool Co. (Sheet Metal, etc.), Toledo, O.
Van Pelt, Geo. H., 45 Huron, Chicago
Vieillard & Osswald, 706 Jamaica av, Brooklyn, N. Y.
Voelkner & Reinke Mfg. Co., 123 W Woodbridge, Detroit, Mich.
V. & O. Press Co., Glendale Station, L. I., N. Y.
Waltham Machine Wks. (Punches & Dies), Waltham, Mass.
Walworth Mfg. Co. (Halls, Pipe, etc.), 132 Federal, Boston, Mass.
Warner Mfg. Co., Greenfield, Mass.
Waterbury-Farrell Foundry & Machine Co., Waterbury, Conn.
Waterbury Machine Co., Waterbury, Conn.
Waterbury Wire Die Co., Waterbury, Conn.
Webster & Perks Tool Co., Springfield, O.
Wells Bros. Co., Greenfield, Mass.
West Mfg. Co., 374 7th, Buffalo, N. Y.
Western Tool Co., Lansing, Mich.
White, L. & I. J. Co., Buffalo, N. Y.
Wiley & Russell Mfg. Co., Greenfield, Mass.
Williams, J. H. & Co., 9 Richards, Brooklyn, N. Y.
Winter Bros. Co. (Round), Wrentham, Mass.
Wold, Torris & Co., 66 N Jefferson, Chicago, Ill.

Dies (Adjustable Expanding)

Bliss, E. W. Co., 19 Adams, Brooklyn, N. Y.
Card, S. W. Mfg. Co. (Round), Mansfield, Mass.
Carpenter, J. M. Tap & Die Co., Pawtucket, R. I.
Consolidated Press & Tool Co., 96 N Clinton, Chicago, Ill.
Leffler, Chas. & Co., Brooklyn, N. Y.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Pratt & Whitney Co., Hartford, Conn.
Reece, E. F. Co., Greenfield, Mass.
Saunders, D. Sons, Yonkers, N. Y.
Standard Machinery Co., Providence, R. I.

Dies (Automatic)

Bliss E. W. Co., 19 Adams, Brooklyn, N. Y.
Consolidated Press & Tool Co., 96 N Clinton, Chicago, Ill.
Geometric Drill Co., New Haven, Conn.
Hartford Machine Screw Co., Hartford, Conn.
Jones & Lamson Machine Co., Springfield, Vt.
Leffler, Chas. & Co., Brooklyn, N. Y.
Reliance Machine & Tool Co., 31 W Center, Cleveland, O.
Standard Machinery Co., Providence, R. I.
V. & O. Press Co., Glendale Station, L. I., N. Y.

Dies (Blanking)

Blake & Johnson, Waterbury, Conn.
Bliss, E. W. Co., 17 Adams, Brooklyn, N. Y.
Cleveland Stamping & Tool Co., Cleveland, O.
Consolidated Press & Tool Co., 98 N Clinton, Chicago, Ill.
Globe Machine & Stamping Co., Cleveland, O.
Hibbard, W. H. Mfg. Co., Brooklyn, N. Y.
Kilbourn & Bishop Co., New Haven, Conn.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. (See adv. index, end of book)
Standard Machinery Co., Providence, R. I.
Trethewey, Sam'l & Co. (Ltd.), 47th nr Butler, Pittsburg, Pa.
V. & O. Press Co., Glendale Station, L. I., N. Y.

Dies (Bolt Threading)

Brown, H. B. & Co., East Hampton, Conn.
MORSE TWIST DRILL & MACHINE Co., New Bedford, Mass.
Polk, A. J. & Son, Millersburg, Pa.
Winter Bros. Co. (Solid Square), Wrentham, Mass.

Dies (Box)

Borgstrom, G. J. (For Wood Printing), 72 S Canal, Chicago, Ill.

Dies (Brick & Clay Workers')

American Clay Working Machinery Co., Bucyrus, O.; Willoughby, O., & 39 Cortlandt, New York
Fernholtz Brick Machinery Co., Boyle & Manchester avs, St. Louis, Mo.
Means Foundry & Machine Co., Steubenville, O.
Mueller, Max (Lubricating), 12 S Channing av. St. Louis, Mo.
Steele, J. C. & Son, Statesville, N. C.
Stevenson Co., Wellsville, O.

Dies (Can Makers')

Ams, Max Machine Co., 372 Greenwich, N. Y.
Astoria Iron Works (Inc.), Astoria, Oreg.
Ayars Machine Co., Salem, N. J.

Dies (Chilled Hammer)

Pittsburg Mfg. Co., 28th & R. R., Pittsburg, Pa.
Sterrit-Thomas Foundry Co., 32d & Smallman, Pittsburg, Pa.

Dies (Cutting & Stamping)

Adriance Machine Works, 254 Van Brunt, Brooklyn, N. Y.
American Can Co., 11 B'way, New York, & Merchants Loan & Trust bldg, Chicago
American Hardware Mfg. Co., Ottawa, Ill.
Avery Stamping Co., Cleveland, Ohio
Becker, August, Engineering Co., 247 Atlantic av, Boston, Mass
Bender, Ph. J. & Sons, 87 Frankfort, N. Y.
Blake & Johnson, Waterbury, Conn.
Bliss, E. W. Co., 19 Adams, Brooklyn, N. Y.
Chesterman, F. E. & Co., 243 Arch, Phila., Pa.
Cleveland Punch & Shear Works Co. (Stamping), Cleveland, O.
Cleveland Stamping & Tool Co., Hamilton nr Coe, Cleveland, O.
Collins, Emmons, 20 W Randolph, Chicago, Ill.
Consolidated Press & Tool Co., 98 N Clinton, Chicago, Ill.
Dewes, A. (Cutting), 243 Centre, N. Y.
ELMES, CHAS. F., ENGINEERING WORKS (Stamping), cor. Fulton & N Sangamon, Chicago, Ill. (See adv. index, end of book)
Erdle & Schneck (Stamping), Rochester, N. Y.
Ferracute Machine Co. (Sheet Metal), Bridgeton, N. J.
Globe Machine & Stamping Co. (Stamping), Cleveland, O.
Hilles & Jones Co., Wilmington, Del.
Hoggson & Pettis Mfg. Co., New Haven, Conn.
Ideal Mfg. Co., 20 W Randolph, Chicago
Keene, G. C. & Co., 2327 Florence, Cincinnati,
Kilborn &Bishop Co., New Haven, Conn.
Konigslow Stamping & Tool Works (Stamping), Cleveland, O.
Leffler, Chas. & Co., 63 Clymer, Brooklyn, N. Y.
Loyd, Jno. C. Co., 558 Water, New York
Mossberg, Frank Co. (Stamping), Attleboro, Mass.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. (See adv. index, end of book)
Peck, Stow & Wilcox Co. (Cutting), 27 Murray, New York, & Southington, Conn.
Perry, Andrews & Co., Brockton, Mass.
Philadelphia Roll & Machine Co. (Stamping), S 23d & Wash'n, Phila., Pa.
Pratt & Whitney Co., Hartford, Conn.
Randall & Co. (Leather Cutting), Cincinnati, Ohio
Ranz-Lambrecht Mfg. Co., 522 Spruce, St. Louis, Mo.
Reece, E. F. Co., Greenfield, Mass.
Richards Mfg. Co. (Ltd.), Bloomsburg, Pa.
Riley-Klots Mfg. Co., 17 Mulberry, Newark, N. J.
Ross-Mayer Mfg. Co. (Cutting), Cincinnati, O.
Royal Machine Co., 61 N. J. R. R. av, Newark,N.J.
Rudman Iron Foundry Co., 49 Hermon, Newark, N. J.
Schlueter, A. & Co., 34 Ward, Newark, N. J.
Seecamp, H. D. Mach. Co., 305 Gratiot, St. Louis, Mo.
Sennett, Geo. B. Co., Youngstown, O.
Sigourney Tool Co., Hartford, Conn.
Skareen & Ericsson, 58 1st, Detroit, Mich.
Smith, Ira B., Bristol, Conn.
Standard Machinery Co., Providence, R. I.
Stone, Thos. & Geo. M., Mulberry & Murray, Newark, N. J.
Stortz, John & Son (Cutting), 210 Vine, Phila., Pa.
Swaine, F. J. Co., St. Louis, Mo.
Toledo Machine & Tool Co., Toledo, O.
Tucker, W. W. & C. F., 302 Asylum, Hartford, Conn.
Voelkner & Reinke Mfg. Co., 123 W Woodbridge, Detroit, Mich.
V. & O. Press Co., Glendale Station, L. I., N. Y.
Webster & Perks Tool Co., Springfield, O.
Wells Bros. Co., Greenfield, Mass.
Williams, J. H. & Co. (Stamping), 9 Richards, Brooklyn, N. Y.
White, L. & I. J. Co., Buffalo, N. Y.
Wilson & Smith, Worcester, Mass.
Wootten & Peckworth, 231 N Front, Phila.,

Dies (Drop Forging)

AMERICAN BRAKE SHOE & FOUNDRY Co. (Steel), Mahwah, N. J.; 170 B'way, New York, Western Union bldg. Chicago, Ill. (See adv. index, end of book)
Crucible Stel Co of America ("La Belle"), Frick bldg, Pittsburg, Pa.; 71 B'way, New York, & 64 S Clinton, Chicago.

Dies (Embossing)

Adriance Machine Works, Brooklyn, N. Y.
Blake & Johnson, Waterbury, Conn.
Bliss, E. W. Co., 19 Adams, Brooklyn, N. Y.
Consolidated Press & Tool Co., 98 N Clinton, Chicago, Ill.
Dresel, Fred'k, 6 N 3d, St. Louis, Mo.
Grammes, L. F. & Sons, Allentown, Pa.
Hibbard, W. H. Mfg. Co., Brooklyn, N. Y.
Leffler, Chas. & Co., Brooklyn, N. Y.
Ness, Geo. M., Jr., 61 Fulton, N. Y.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. (See adv. index, end of book)
Schwerdtle Stamp Co., Bridgeport, Conn.
Standard Machinery Co., Providence, R. I.
V. & O. Press Co., Glendale Station, L. I., N. Y.

Dies (Engraved Soap)

Houchin & Huber, 35 53d, Brooklyn, N. Y.

Dies (Expanding)

Dalton-Ingersoll Co., 175 High, Boston, Mass.

Dies (Forming)

Bender, Ph. J. & Son, 87 Frankfort, N. Y.
Globe Machine & Stamping Co. (Sheet Metal), 970 Hamilton, Cleveland, O.
Kalamazoo Foundry & Machine Co., Kalamazoo, Mich.
Konigslow, E. Stamping & Tool Works, 184 Champlain, Cleveland, O.
Swaine, F. J. Co., St. Louis, Mo.
National Machine & Tool Co., 253 A, Boston.
NIAGARA MACHINE & TOOL WORKS Buffalo, N. Y. (See adv. index, end of book)
Waterbury Machine Co., Waterbury, Conn.

Dies (Opening)

Acme Machine Co. (Self-Opening), Cleveland, Ohio
Geometric Drill Co., New Haven, Conn.
Ideal Opening Die Co., 24 West, New York
Modern Tool Co. ("Wallace's" Self-Opening Adjustable), Erie, Pa.
Pratt & Whitney Co., Hartford, Conn.
Tucker, W. W. & C. F. (Automatic), 302 Asylum, Hartford, Conn.
Wells Bros. Co., Greenfield, Mass.
Wiley & Russell Mfg. Co., Greenfield, Mass.

Dies (Pipe)

Armstrong Mfg. Co., Bridgeport, Conn.
Ashcroft Mfg. Co., 85 Liberty, N. Y.
CRANE CO. (Est. 1855), 10 N Jefferson, Chicago, Ill.; New York, Phila., St. Louis, Kansas City, Sioux City, Omaha, Los Angeles, San Francisco, Portland, Oreg.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Curtis & Curtis Co., Bridgeport, Conn.
Eaton, Cole & Burnham Co., 253 B'way, N. Y.
Hayes-Harrison (Adjustable), Portland, Me.
Holroyd & Co., Waterford, N. Y.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Polk, A. J. & Son (Solid), Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Reece, E. F. Co., Greenfield, Mass.
Saunders, D. Sons, Yonkers, N. Y.
Walworth Mfg. Co. (Hill's), 132 Federal, Boston
Wells Bros. Co., Greenfield, Mass.
Wells, F. E. & Son ("Economy"), Greenfield, Mass.
Winter Bros. Co. (Solid Square), Wrentham, Mass.

Dies (Press)

Adriance Machine Works, 254 Van Brunt, Brooklyn, N. Y.
Blake & Johnson, Waterbury, Conn.
Bliss, E. W. Co., 19 Adams, Brooklyn, N. Y.
Columbia Novelty Mfg. Co. (Power & Press), 1537 N B'way, St. Louis, Mo.
Consolidated Press & Tool Co., 98 N Clinton, Chicago, Ill.
Cleveland Stamping & Tool Co., Cleveland, O.
Hibbard, W. H. Mfg. Co., Brooklyn, N. Y.
Hoggson & Pettis Mfg. Co., New Haven, Conn.
Kilborn & Bishop Co., New Haven Conn.
Leffler, Chas. & Co., 63 Clymer, Brooklyn, N. Y.
NIAGARA MACHINE & TOOL WORKS Buffalo, N. Y. (See adv. index, end of book)
Smith, Thos. & Co., Worcester, Mass.
Standard Machine Co., Providence, R. I.
V. & O. Press Co., Glendale Station, L. I., N. Y.
Walworth Mfg. Co., 132 Federal, Boston, Mass.
Wilson & Smith, 40 Vine, Worcester, Mass.

Dies (Punching)

Adriance Machine Works, 254 Van Brunt, Brooklyn, N. Y.
Blake & Johnson, Waterbury, Conn.
Bliss, E. W. Co., 19 Adams, Brooklyn, N. Y.
Cleveland Punch & Shear Works Co., Cleveland, O.
Consolidated Press & Tool Co., 98 N Clinton, Chicago, Ill.
ELMES, CHAS. F., ENGINEERING WORKS, cor Fulton & N Sagamon, Chicago, Ill. (See adv. index, end of book)
Globe Machine & Stamping Co. (Sheet Metal), 970 Hamilton, Cleveland, O.
Hibbard, W. H. Mfg. Co., Brooklyn, N. Y.
Kilborn & Bishop Co., New Haven, Conn.
Konigslow, E. Stamping & Tool Works, 184 Champlain, Cleveland, O.
Leffler, Chas. & Co., 63 Clymer, Brooklyn, N. Y.
Lovejoy, T. H., 90 Ohio, Chicago, Ill.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. (See adv. index, end of book)
Pratt & Whitney Co., Hartford, Conn.
Peck, Stow & Wilcox Co., 27 Murray, New York, & Southington, Conn.
Sennett, Geo. B. Co., Youngstown, O.
Standard Machinery Co., Providence, R. I.
Stortz, Jno. & Son, 210 Vine, Phila., Pa.
Swaine, F. J. Co., St. Louis, Mo.
V. & O. Press Co., Glendale Station, L. I., N. Y.
Wildeke, Gustave & Co. (Rivet Punches & Dies), Dayton, O.
Wilson & Smith, Worcester, Mass.

Dies (Screw Plate)

Billings & Spencer Co., Hartford, Conn.
Butterfield & Co., Derby Line, Vt.
MORSE TWIST DRILL & MACHINE Co., New Bedford, Mass.

Dies (Sheet Metal, Etc.)

Toledo Machine & Tool Co., Toledo, O.

Dies (Solid)

Mount Carmel Bolt Co., Mount Carmel, Conn.

Dies (Stamping)

Standard Machinery Co., Providence, R. I.

Dies (Stencil Cutting)

Ness, Geo. M., Jr., 61 Fulton, N. Y.
Schwerdtle Stamp Co., Detroit, Mich.

Dies (Steam Hammer)

AMERICAN BRAKE SHOE & FOUNDRY Co. (Steel), Mahwah, N. J.; 170 B'way, New York, Western Union bldg, Chicago, Ill. (See adv. index, end of book)

Dies (Wire Drawing)

Baszanger, Jacques & Co., 108 Fulton, N. Y.
McFarland Foundry & Machine Works, Trenton, N. J.
Newton, J. W. (also Blanks & Wortles), 81 John, N. Y.
Philadelphia Roll & Machine Co. (Cast Chilled), S 23d & Wash'n av, Phila., Pa.
Steel Set Diamond Co., 36 Gold, New York
Waldeck, Anthony, 2283 B'way, Cleveland, O.
Waterbury Wire Die Co., Waterbury, Conn.
Westmoreland Steel Co., 424 4th av, Pittsburg, Pa., Works, Greensburg, Pa.

Digesters.

American Process Co., 64 William, New York
Atlantic Works, 70 Border E. B. Boston, Mass.
Dempwolf, C. H. & Co., York, Pa.
Eastwood Wire Mfg. Co. ("Perfection" Bronze for Paper), Belleville, N. J.
McNeil, J. C. & Co., Akron, O.
Houchin & Huber, 35 53d, Brooklyn, N. Y.
Munroe, R. & Sons Corporation, 23d & Smallman, Pittsburg, Pa.
PETROLEUM IRON WORKS CO., (Pulp), Washington, Pa., & Farmers, B'k bldg, Pittsburg, Pa. (See adv. index, end of book)
Portland Co., Portland, Me.
Riter-Conley Mfg. Co., Pittsburg, Pa., & 30 Cortlandt, N. Y.
Smith, Theodore & Sons Co., ft of Essex, Jersey City, N. J.
Stuart & Peterson Co., Burlington, N. J.
Tippett & Wood, Phillipsburg, N. J.

Diggers (Beet)

Avery, B. F. & Sons, Louisville, Ky.
Bucher & Gibbs Plow Co. (The Michigan), Canton, O.

Diggers (Earth)

Jackson Shovel & Tool Co. ("Montpelier," "Automatic," "Badger," "Solid"), Montpelier, Ind., & Market & Randolph, Chicago, Ill.

Diggers (Post Hole)

Aspinwall Mfg. Co., Jackson, Mich.
Avery Stamping Co., Cleveland, O.
Disston, Henry & Sons (Inc.), Tacony, Phila., Pa., & 75 W Wash'n, Chicago, Ill.
Eureka Diger Co., 142 Huron, Chicago, Ill.
Gibbs Mfg. Co., Canton, O.
Jackson Shovel & Tool Co. ("Hartford"), Montpelier, Ind., & Market & Randolph, Chicago, Ill.
Iwan Bros., Streator, Ill.
Klein-Logan Co., S 13th & Breed, Pittsburg, Pa.
Kohler, F. E. & Co. ("Universal," "Little Giant," "Hercules," "Invincible," "Rival" & "Pioneer"), Canton, O.
Ludlow-Saylor Wire Co., St. Louis, Mo.
Ney Mfg. Co., Canton, O.
Ney, V. L. Co., Canton, O.
Ohio Brass Co., Mansfield, O.
Oliver Iron & Steel Co., Pittsburg, Pa.
Porter, J. E. Co., Ottawa, Ill.
Pratt, Wm. E. Mfg. Co., 91 Lake, Chicago
Rockford Tack & Nail Co., Rockford, Ill.
Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
Whitman & Barnes Mfg. Co. (The National), Akron, O.; 111 Chambers, N. Y., & West Pullman, Chicago, Ill.

Diggers (Potato)

Allen, S. L. & Co. (White or Sweet Potato), Phila., Pa.
American Fork & Hoe Co., Main Office, Cleveland, O. Export Office, 11 B'way, New York. Factories, Ashtabula, O.; Wallingford, Vt.; Binghamton, N. Y.; St. Johnsbury, Vt.; Girard, Pa.; Fkd., Phila., Pa.; Utica, N. Y., & Willoughby, O.
Aspinwall Mfg. Co., Jackson, Mich.
Avery, B. F. & Sons, Louisville, Ky.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Bradley, David Mfg. Co., Bradley, Ill.
Bucher & Gibbs Plow Co., Canton, O.
Champion Potato Machinery Co. (Two Horse), Hammond, Ind.
Deere & Co., Moline, Ill.
Dowden Mfg. Co. (Also Sorters & Cutters), Prairie City, Ia.
Drummond Plow Co., Asheville, N. C.
Excelsior Machine Co., Cohoes, N. Y.
Gowanda Agricultural Works Co. (Riding), Gowanda, N. Y.
Hoover, Prout Co., Avery, O.
Messinger Mfg. Co. (The Champion), Tatamy, Pa.
Moline Plow Co., Moline, Ill.
Parlin & Orendorff Co., Canton, Ill.
Peru Plow & Wheel Co., Peru, Ill.
Rock Island Plow Co., Rock Island, Ill.
Shangle, John R., Hightstown, N. J.
Star Mfg. Co. (Wood or Steel Beam), Carpenterville, Ill.
Sterling Mfg. Co., Sterling, Ill.
Wallace & Ireland, Spencerport, N. Y.

Dimmers (Theatre)

American Elec. Heating Corp., Cambridge, Mass.
Cutler-Hammer Mfg. Co. ("C. & H." Ironclad), Milwaukee, Wis.; 136 Liberty, New York, & Chicago, Ill.
Ohio Electric Specialty Mfg. Co., Troy, O.
Simplex Electrical Co., 110 State, Boston
Ward, Leonard Electric Co., Bronxville, N. Y.
Western Electric Co., 259 S Clinton, Chicago, & 57 Bethune, N. Y.
Wirt Electric Co., 4523 Tacony, Phila., Pa.

Directories for Office & Loft Buildings

TABLET & TICKET CO., 87 Franklin, Chicago, Ill., & 381 B'way, New York, N. Y. (See adv. index, end of book)

Dishes (Chafing)

Griswold Mfg. Co. (Aluminum), Erie, Pa.
Lalance & Grosjean Co. (Enameled), 19 Cliff, New York
Manning, Bowman & Co., Meriden, Conn., & 25 W B'way, N. Y.
Shepard, Sidney & Co. (Aluminum), Buffalo, N. Y.
Sternau, S. & Co., 195 Plymouth, Brooklyn, N. Y.
Sweeney, W. H. Mfg. Co., 66 Water, Brooklyn, N. Y.
Wallace, R. & Sons Mfg. Co., Wallingford, Conn.

Disinfectants.

Bromo Chemical Co., Pittsfield, Mass.
Coal Tar Products Co. (Smith & Creamer), Brooklyn, N. Y., & 77 Maiden la, N. Y.
Houghton, E. F. & Co. ("Houghton" Oderless), 240 Somerset, Phila., Pa.
Ohio Paint & Varnish Co. ("Superior" Liquid), Findlay, O.
Walker-Cromwell Co., Kearney, N. J.

Discs (Friction)

Houghton, E. F. & Co. ("Vici" Leather), 240 W Somerset, Phila., Pa.

Discs (Iron & Steel)

Nicetown Plate Washer Co., Nicetown, Phila., Pa.

Discs (Valve)

Libby Mfg. Co., 147 Varick, New York
Nichols Mfg. Co., 225 Dearborn, Chicago, Ill.

Disinfecting Apparatus.

Kuhring, Chas., 907 Walnut, Cinn., O.

Disinfecting Machinery.

(See Machinery, Disinfecting.)

Disintegrators.

American Clay Working Machinery Co. (Clay), Bucyrus, O., & Willoughby, O.
Brewer, H. & Co. (Clay), Tecumseh, Mich.
Campbell, Peter F. (Mill), 51 Laurel, Phila., Pa.
Day, J. H. Co., 1144 Harrison av, Cincinnati, O., & 76 Park pl, N. Y.
Horton Mfg. Co. (Clay), Painesville, O.
Houchin & Huber, 39 53d, Brooklyn, N. Y.
JEFFREY MFG. CO. (Coal, etc.), Columbus, O.; 41 Dey, N. Y., & Equitable bldg, Denver, Colo. (See adv. index, end of book)
Link Belt Engineering Co. (for Coal, etc.), Nicetown, Phila., Pa.; 47 Dey, New York, & Park bldg, Pittsburg, Pa.
Marquette, Jno. N., 118 W Falls av, Baltimore, Md.
Martin, Henry Brick Machine Mfg. Co. (Clay), Lancaster, Pa.
PAXSON, J. W. CO. (Sand), 1021 N Del av, Phila., Pa. (See adv. index, end of book)
Potts, C. & A. & Co. (Clay), Indianapolis, Ind.
Rockwood Mfg. Co., Indianapolis, Ind.
Ross, Chas. & Son Co., 20 Steuben, Brooklyn, N. Y.
Ross-Keller Triple Pressure Brick Machine Co., Fullerton bldg, St. Louis, Mo.
Standard Sand & Machine Co. (Sand, Standard Centrifugal), 1509 Sf. Clair, Cleveland, O.
Stedman's Foundry & Machine Works (Clay), Aurora, Ind.
Steele, J. C. & Son, Statesville, N. C.
STROUD, E. H. & CO. ("Cyclone"), 36 La Salle, Chicago, Ill.
Walker & Elliott, Wilmington, Del.
Wellington Machine Co. (Clay), Wellington, O.

Disks (Harrow & Cultivator)

Chicago Steel Mfg. Co., Hammond, Ind.

Distilling Apparatus.

Flynn, W. S., 74 Hudson, Jersey City, N. J.
Hoffman-Ahlers Co., Cincinnati, O.
Squier, Geo. L. Mfg. Co. (Copper, etc.), Buffalo, N. Y.
Vulcan Copper Works (Copper, etc.), 465 E Front, Cincinnati, O.

Ditcher, Grader & Loader Combined.

American Road Machine Co., Kennett Square, Pa.
Marion Steam Shovel Co., Marion, O.
Western Wheeled Scraper Co., Aurora, Ill.

Ditching Machines.

(See Ditching Machines in Machinery Lists; also Road Machines & Graders.)

Divers (Submarine).

Alaska Co., Seattle, Wash.
Boston Towboat Co., 131 State, Boston, Mass.
Bundick, Jno. S., 75 South, New York
Christensen, E. T., 130 Pearl, New York
Craemer, Fred., 1220 Beach, Philadelphia, Pa.
Dunham Towing & Wrecking Co., 210 S Water, Chicago
Hoye, J. P., 33 Foundry, Detroit, Mich.
JENKS, EDWARD B. CO., 143 Liberty, N. Y. (See adv. index, end of book)
Knudson, Peter, 874 Washtenaw av, Chicago
Larkin, Peter, 3 Coenties Slip, New York.
Lowe, Edward R., 2 Coenties Slip, New York
Merritt & Chapman Derrick & Wrecking Co., 17 Battery pl, New York
Metcalf, Walter V., 94 Elliot, Cleveland, O.
Michigan Wrecking & Salvage Co., ft Walker, Detroit, Mich.
Nickerson, Jas. E. & Co., 195 Atlantic av, Boston, Mass.
Phillips, H. W., 16 Devonshire, Boston, Mass., & Quincy, Mass.
Quinn, J. S. & Co., 15 W Atwater, Detroit, Mich.
Scott, Thos. A. Co., New London, Conn.
Sorenson, Alfred, 36 Atlantic av, Boston, Mass.
Townsend, Geo. W., 202 Atlantic av, Boston, Mass.
Webster, Frank W., 169 Princeton, Boston, Mass.
Wolter, Herman, 106 S Del av, Phila., Pa.

Dividers (Spring, Etc.)

Athol Machine Co. ("Standard" & "Boss," etc.), Athol, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Eagan, Thos. F. ("Copeland's" Steel), Worcester, Mass.
Starrett, L. S. Co., Athol, Mass.
Welles, F. A., 419 Sycamore, Milwaukee, Wis.

Dividers for Moulding Knives

Fosby, Chas. (Proportional), Rutherford, N. J.

Diving Apparatus.

Hale, Alfred Rubber Co., 387 E 8th , S. B., Boston, Mass.
Morse, A. J. & Son, 140 Congress, Boston, Mass.
Schrader's, A. Son, 30 Rose, New York.

Dock Builders.

CALIFORNIA.

SAN FRANCISCO—Atlantic Gulf & Pacific Co., 220 Market
City Street Improvement Co., Mills bldg
Concannon, Wm. N., Crossley bldg
Dundon Bridge & Construction Co., 223 Folsom
Healy, Thibbetts & Co., 22 Market
Hyde, Harjes & Co., 5 Market
Laydon, Darby, 219 Stewart
McMahon, Jas. A., 6 Calif.
Pacific Bridge Co., 4 California
Pacific Construction Co., 4 California
San Francisco Bridge Co., 220 Market
Thomson Bridge Co., 129 Mission
Wakefield, Robert, 5 Market

CONNECTICUT.

BRIDGEPORT—Blakeman, M. A., 985 Stafford av
NEW HAVEN—Toomey Bros. Co., 121 Church
Waterhouse, C. A., Jr., 40 Park
NEW LONDON—Scott, Thomas A. Co.

DELAWARE.

NEW CASTLE—Lunt, Ira
WILMINGTON—Delaware Construction Co., Equitable bldg
Henhoeffer & Vaughn, c Front & Spruce

GEORGIA.

SAVANNAH—Ross, P. S., 16 Bryan E.

ILLINOIS.

CHICAGO—Chicago & Great Lakes Dredge & Dock Co., Chamber of Commerce bldg
Fitzsimmons & Connell Co., 1014 Tacoma bldg
Kearns, T. A. Co., Fisher bldg
McGillis, W. A. & Co., 53 River

MAINE.

EASTPORT—McInnis, Alex.
PORTLAND—Bennett, W. F. & Son

MARYLAND.

BALTIMORE—Glenn, Benj, South & Pratt
Sanford & Brooks Co., 21 S Gay

MASSACHUSETTS.

BOSTON—Cavanagh, Geo. H., 166 Devonshire
Cheney, E. R., 166 Devonshire
Cram, D. Henry, 23 Power
Derry, Chas. T. & Co., 68 Devonshire
Ellis, W. H., 17 Milk
Hayes, Geo. & Co., 166 Devonshire

Hersey, A. A., 362 Border
Lawler Bros., 16 City sq, Ch's'n
Miller, Wm. L., 166 Devonshire
Norton, F. A., 166 Devonshire
Norton, W. A., 285 Dorchester av
Rendle, W. S. Co., 135 Prescott
Ross, Joseph & Sons, 28 School
Ruggles, Thos. E., 95 Milk
Scully, Jno. T. & Bro., 95 Milk
Tidd, L. R., 166 Devonshire
FALL RIVER—Terry, Jos. C., 564 Durfee

MICHIGAN.

DELRAY—Borton, Chas. & Son
DETROIT—Candler Dock & Bridge Bldg. Co., 26 Lafayete av
Dupuis, A. J. Co., Buhl blk
Griffin, M. J., 104 Vermont av
MARQUETTE—Powell & Mitchell
MUSKEGON—Beauvias, Z. S.
Love, Robert
WYANDOTTE—Ginzel Paving Co.

MINNESOTA.

DULUTH—Duluth Dredge & Dock Co., ft of 12th av
Palmer, L. G., 2416 W 4th
MINNEAPOLIS—Balch, Henry F. & Co., 248 Hennepin av
ST. PAUL—Butler Bros., N. Y. Life bldg

MISSOURI.

ST. LOUIS—STEWART, JAS. & CO., Lincoln Trust bldg

NEW JERSEY.

CAMDEN—Henhoeffer & Vaughn, c Delaware & Vine
Sweeten, B. F. & Son, Cooper & Delaware
ELIZABETH—N. J. Dock & Bridge Building Co.
JERSEY CITY—Ross, P. S., 277 Wash'n
Sanford & Stillman, 26 Exch pl
PERTH AMBOY—Hanson Jacob
SEABRIGHT—Blair, Robert P.

NEW YORK.

ALBANY—Fuller's, Wm. Sons, Chapel c Sheridan av
BUFFALO—Chapman, A. F. & Co., White bldg
Harbrecht, Louis, 378 Plymouth av
Leh, Jeremiah H., c S Michigan & Ganson
Parks, Geo. & Sons, 217 15th
KINGSTON—Powley, Jos. L., 1 Ponckhockie
NEWBURGH—Parrott, Richard, 355 B'way

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Baird, Andrew R., 38 Cooper
Cronin, Barth S. & Co., 573 Clinton
Humphreys, George, 135 W 9th
Kirkham, H. P. & Son, ft of Conover
Leary, Jas. D. & Son, Provost nr Eagle
McGrath, John, 231 Eagle
O'Connell & Kennedy, 189 Montague
Walsh, John D., 397 Hancock

Boroughs of Manhattan & Bronx

NEW YORK—Bronx Contracting Co., 496 E 138th
Degnon Contracting Co., 21 Park Row
Du Bois, Henry Sons Co., 17 State
Gillies, Jno. Co., 58 Broad
Gumaer, Edward B., 39 Cortlandt
Hazell, Arthur M., 11 B'way
Hood, R. H. Co., 220 B'way
JENKS, EDWARD B. CO., 143 Liberty. (See adv. below)
Jenks, William H., 130 Pearl
Lentilhon, Eugene, 489 5th av
Miller, John J., 81 New
Monks, John & Sons, 82 Beaver
Rogers, G. W. & Co., 44 B'way
Rolf, Bernard, 39 Cortlandt
Scofield Co., 15 Park row
Spearin & Preston, 17 Battery pl
Staats, R. P. & J. H., 29 B'way
Steers, Henry (Inc.), 17 Battery pl
STEWART, JAS. & CO., North American Trust bldg, New York, & 319 N Charles, Baltimore, Md.

Borough of Queens.

LONG ISLAND CITY—Hart, Hugh, 150 Pearsall
Hunt, Thos. P., 3d & Creek

Borough of Richmond.

PORT RICHMOND—Conklin, Hiram M.
STAPLETON—Hall, Albert

(END OF NEW YORK CITY.)

WATERVLIET—Benjamin, Thos., 1501 7th av
YONKERS—Pearsall, C. E. & Son

OHIO.

ASHTABULA—Deveney, J. P.
Laird & Sons
CLEVELAND—Cuyahoga Contracting Co., Rose bldg
Hunkin Bros. Construction Co., Cuyahoga bldg
McGillis, W. A. & Co., Wade bldg
Smith, L. P. & J. A. Co., Williamson bldg
Standard Contracting Co., Wade bldg
Strong, Chas. H. & Son, Cuyahoga bldg
TOLEDO—Montville, Louis, 131 Main

PENNSYLVANIA.

CHESTER—Roberts, Edward H.
Williams, Captain John
PHILADELPHIA—Armstrong & Latta, ft of Christian
Brenneman, J. E., 1523 S Front
Plant, Jacob, 126 Manton
Rotan, I. F., 3110 Beach
PITTSBURG—Enterprise Contracting Co., Bessemer bldg
Jutte & Foley Co., Conestoga bldg
Scofield Co., House bldg
STEWART, JAS. & CO., Westinghouse bldg.

RHODE ISLAND.

PROVIDENCE—Hunter, A. & Co., 70 Arcade
SAUNDERSTOWN—Saunders, S. W.
WESTERLEY—Davis, John F., 55 Clark

SOUTH CAROLINA.

CHARLESTON—Crouch, H. W. & Bro., P O Box 303
Kramer, B. F., 60 Meeting
McCarrell & Sloan, c Concord & Pritchard
Pregnall, Henry N., 209 Calhoun

TENNESSEE.

MEMPHIS—McTighe, J. S., 274 Front

VIRGINIA.

NORFOLK—Sanford & Brooks Co.
RICHMOND—Virginia Dredging Co.
URBANNA—Wagner, L. B. & Co.

WASHINGTON.

SEATTLE—Puget Sound Bridge & Dredging Co., Scandinavian-Amer. B'k bldg
Puget Sound Timber P. Co., Globe blk
Robinson, D. A., Bailey bldg
Seattle Bridge Co., Pacific blk

WISCONSIN.

MILWAUKEE—Hathaway, J. E. & Co., Canal, W 1st av
Starke, C. H. Dredge & Dock Co., Canal W 1st av
SUPERIOR—Frankman & Morris
Whitney Bros., 1st c Hughitt av
Wilcox, F. L.

Dogs (Bolt)

Le Count, Wm. G., S Norwalk, Conn.

Dogs (Chain)

Hayden-Corbett Chain Co., Columbus, O.

Dogs (Clamp)

Armstrong Bros. Tool Co., 617 Austin av, Chicago, Ill.
Billings & Spencer Co. (drop forged), Hartford, Conn.
Fitchburg Machine Works, Fitchburg, Mass.
Le Count, Wm. G., S Norwalk, Conn.
Niles-Bement-Pond Co., 136 Liberty, New York. Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Seneca Falls Mfg. Co., Seneca Falls, N. Y.

Dogs (Die)

Billings & Spencer Co. (Drop Forged), Hartford, Conn.
Fitchburg Machine Works, Fitchburg, Mass.
Putnam Machine Co., Fitchburg, Mass.

Dogs (Lathe)

American Tool Works Co. (Drop Forged), 6th & Eggleston ave, Cincinnati, O.; 120 Bway, N. Y., & Frick bldg, Pittsburg, Pa.
Armstrong Bros. Tool Co., 617 Austin av, Chicago
Armstrong Mfg. Co., Bridgeport, Conn.
Besly, Chas. H. & Co. (Heavy Steel), 15 Clinton, Chicago, Ill.
Billings & Spencer Co. (Drop Forged), Hartford, Conn.
Bonney Vise & Tool Works ((Brinton Adjustable & Indispensable Drop Forged, etc.), 3015 Chestnut, Phila., Pa.

EDWARD B. JENKS, President. FRANCIS A. BOWEN, Vice-President. GEORGE E. MANDAVILLE, Sec. and Treas.

EDWARD B. JENKS COMPANY,

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DOCKS, SHEDS, TRESTLES, CRIBS, BULKHEADS, LAND PILE DRIVING, SUBMARINE DIVING,

Telephone, 4135 Corlandt. Office, 143 LIBERTY STREET, NEW YORK.

Chester Steel Castings Co., Chester, Pa., & 407 Sansom, Phila., Pa.
Hill Tool Co. (Drop Forged), Anderson, Ind.
Le Count, Wm. G. (Double Tail Heavy Steel), South Norwalk, Conn.
Mark Mfg. Co., Evanston, Ill., & Chicago, Ill.
Niles-Bement Pond Co., 136 Liberty, New York. Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Phoenix Hardware Mfg. Co., Homer, N. Y.
Pratt & Whitney Co. (Drop Forged), Hartford, Conn.
Seneca Falls Mfg. Co., Seneca Falls, N. Y.
Western Tool & Mfg. Co. (Drop Forged), Springfield, O.
Williams, J. H. & Co. (Drop Forged), 9 Richards, Brooklyn, N. Y.

Dogs (Rafting)

CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
Champion Tool & Handle Works, Evart, Mich.
New Castle Forge & Bolt Co. (also chain), New Castle, Pa.
Zelnicker, Walter A., Supply Co. (Chain & Ring), 408 N 4th, St. Louis, Mo.; Mobile, Ala., & New Orleans, La.

Dogs (Ring)

Hayden-Corbett Chain Co., Columbus, O.
New Castle Forge & Bolt Co., New Castle, Pa.

Dogs (Saw Mill)

Allis-Chalmers Co., New York Life bldg; Chicago, Ill., & 71 B'way, New York
AMERICAN BRAKE SHOE & FOUNdry Co., Mahwah, N. J.; 170 B'way, New York; Western Union bldg, Chicago, Ill. New York. (See adv. index, end of book)
Atkins, E. C. & Co., 402 S Illinois, Indianapolis, Ind.
Bangor Edge Tool Co. (The Peavy), Bangor, Me.
Canton Saw Co., Canton, O.
Chandler & Taylor Co., Indianapolis, Ind.
Diamond Iron Works ("Diamond & Dittenbenner"), Minneapolis, Minn.
Disston, Henry & Sons, Tacony, Phila., Pa., & 75 W Wash'n, Chicago, Ill.
Farquhar, A. B. Co. (Ltd.), York, Pa.
FILER & STOWELL CO., Becher & Ziemer, Milwaukee, Wis. (See adv. index, end of book)
Fisher & Davis ("Knights"), 1024 N Main, St. Louis, Mo.
Frick Co., Waynesboro, Pa.
Garland, M. Co. (Double Grip), Bay City, Mich.
Hinds, Thos., Malone, N. Y.
Henderson, W. K. Iron Works & Supply Co., Shreveport, La.
Howell, R. R. & Co., 30th av & S E 5th, Minneapolis, Minn.
Knight Mfg. Co., Canton, O.
Lippert, E. T., Millvale Sta., Allegheny, Pa.
Phoenix Mfg. Co., Eau Claire, Wis.
Rockwood Mfg. Co., Indianapolis, Ind.
Sinker-Davis Co., 230 S Missouri, Indianapolis, Ind.
Soule Steam Feed Works, Meridian, Miss.
Southern Engine & Boiler Works (Inc.), Jackson, Tenn.
Southern Supply Co., Mobile, Ala.
Standard Saw Mill Machinery Co., Erie, Pa.
Stearns Mfg. Co., Erie, Pa.
Wheland Machine Works, Chattanooga, Tenn.
Wickes Bros., Saginaw, Mich.
Zelnecker, Walter A. Supply Co., 408 N 4th, St. Louis, Mo.; Mobile, Ala., & New Orleans, La.

Dogs (Straight Tail)

Bonney Vise & Tool Works (Inc.) (Steel), 3015 Chestnut, Phila., Pa
Le Count, Wm. G. (With Steel Screws). S. Norwalk, Conn.

Dogs (Timber)

American Iron & Steel Mfg. Co., Park bldg., Pittsburg, Pa. Works, Lebanon, Pa.

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Baker, Jas. H. Mfg. Co., Tarentum, Pa.
CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
Champion Tool & Handle Works, Evart, Mich.
Kentucky Chain Co., Frankfort, Ky.
Metropolitan Bolt Co., 148 Purchase, Boston, Mass.
New Castle Forge & Bolt Co. ("also Chain"), New Castle, Pa.
Old Dominion Iron & Nail Works Co., Richmond, Va.
Oliver Iron & Steel Co., Pittsburg, Pa.
Oshkosh Logging Tool Co., Oshkosh, Wis.
Southern Supply Co. (Rafting), Mobile, Ala.
Standard Chain Co., 301 Ross, Pittsburg, Pa.
Wickes Bros., Saginaw, Mich.

Dollies (Lumber)

BUDA FOUNDRY & MFG. CO., Harvey, Ill., & Railway Exchange bldg, Chicago, Ill. (See adv. index, end of book)
CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y. & 42 Dey, ;N. Y. (See adv. index, end of book)
Gerlach, Peter Co., Cleveland, O.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Martin Machine Works, Meridian, Miss.
Morley Bros., Saginaw, Mich.
Soule Steam Feed Works, Meridian, Miss.
Standard Scale & Supply Co., 211 Wood, Pittsburg, Pa.
UNION ELEVATOR & MACHINE CO., 144 Ontario, Chicago, Ill. (See adv. index, end of book)

Door Check & Spring Mfrs.

Bardsley, Jos., 149 Baxter, N. Y.

BOMMER SPRING HINGES

257 to 271 Classon av, Brooklyn, N. Y. (See adv. index, end of book)
Corbin, P. F., New Britain, Conn.; New York, N. Y.; Philadelphia, Pa., & Chicago, Ill.
Le Clear Mfg. Co. (Pneumatic), 107 Chambers, New York
Norton Door Check Co., 102 Pearl, Boston, Mass.
Pryor, W. W. Hardware Mfg. Co., 23 Ashland, Newark, N. J.
Pullman Mfg. Co., Rochester, N. Y.
Reading Hardware Co. ("Ogden"), Reading, Pa.; 617 Market, Philadelphia; 96 Reade, New York, & 105 Lake, Chicago
Rixson, Oscar C. Co. ("Rixson" Liquid), 111 W Harrison, Chicago, Ill.
Russell & Erwin Mfg. Co., New Britain, Conn.; 45 Chambers, N. Y.; Phila., Pa.; Baltimore, Md.
Sargent & Co., 151 Leonard, N. Y., & New Haven, Conn.
Sayre Mfg. Co. (John H. Graham & Co., Agts.), 113 Chambers, N. Y.
Upson Nut Co., Unionville, Conn., & Cleveland. Ohio
Yale & Towne Mfg. Co. ("Blount"), Stamford. Conn.; 9 Murray, New York; Witherspoon bldg, Phila., Pa.; 131 Wabash av, Chicago, Ill.; 12 Pearl, Boston, Mass., & San Francisco, Cal.

*Door Closers.

BOMMER SPRING HINGES

257 to 271 Classon av, Brooklyn, N. Y. (See adv. index, end of book)

Door Hangers.

Allith Mfg. Co. ("Reliable"), 122 S Green, Chicago, Ill.
Bischoff, Fred F. & Co., Grand av & Robey, Chicago, Ill.
BURKHARDT, JOHN (Bronze), 614 W 55th, New York. (See adv. index, end of book)
Central City Bolt Co. (The Barry), Syracuse, N. Y.
Chicago Spring Butt Co., 491 Carroll av, Chicago, Ill., & 97 Chambers, N. Y.
CHISHOLM & MOORE MFG. CO., c Lake & Kirtland, Cleveland, O. (See adv. index, end of book)
Coburn Trolley Track Mfg. Co., Holyoke, Mass.
Coleman Hardware Co. (Barn), 59 Dearborn, Chicago, Ill.
Cronk & Carrier Mfg. Co., Elmira, N. Y.
Dille & McGuire Mfg. Co. (Trackless), Richmond, Ind.
Dix Mfg. Co. ("Dix" Noiseless), Holliday & Hillen, Baltimore, Md.
Economy Mfg. Co., Syracuse, N. Y.
Gardner-Champlin Co., 312 1st, Natl. Bk. Bldg, Chicago
Griffin Mfg. Co., Erie, Pa.
Hendricks & Class, 25 W B'way, New York
Lane Bros. Co. (Ball Bearing), Poughkeepsie, N. Y.
Lawrence Bros. (also Roller Bearing), Sterling, Ill.
Londen Machinery Co., Fairfield, Ia.
McCABE HANGER MFG. CO. (Ball-Bearing & Tubular), 425 W 25th, New York. (See adv. next page)
McKinney Mfg. Co. (Barn Door), Allegheny, Pa.
Marcus & Son, Peoria, Ill.
Midland Iron Works ("The Wilbern Adjustable"), Racine, Wis.
National Mfg. Co. ("Big 4"), Sterling, Ill.
NEWHALL, HENRY B., 9 Murray, New York. (See adv. index, end of book)
Ney Mfg. Co., Canton, O.
Payne, Wm. M. (Barn), Springfield, Ill.
Payson Mfg. Co., 1319 W Jackson boul, Chicago,
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 27 Murray, N. Y.
Penn Hardware Co., Reading, Pa.
Prescott Hardware Mfg. Co., 78 Randolph, Chicago, Ill.
Prouty, T. C. Co. (Ltd.) (Ball Bearing), Albion, Mich.
Reading Hardware Co., Reading, Pa.; 96 Reade, N. Y.; 617 Market, Phila., & 105 Lake, Chicago
RICHARDS MFG. CO., (Ball Bearing), Aurora, Ill. (See adv. index, end of book)
RICHEY, BROWNE & DONALD (Crescent), Maspeth, Borough of Queens, New York City. (See adv. index, end of book)
Roof, W. S. & Son (Sliding or Folding Door or Partition), Franklin, O.
Safety Door Hanger Co. ("World's Best"), Ashland. O.
STOWELL MFG. & FOUNDRY CO. ("Wilbern" Adjustable & Hinges), S. Milwaukee, Wis. (See adv. next page)
Swett, A. L. Iron Works, Medina, N. Y.
Victor Mfg. Co., Newburyport, Mass.
WHITMAN & BARNES MFG. CO. ("Acme," "Diamond," "Chicago," "Hercules," Roller Bearing), West Pullman, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)
Wilcox Mfg. Co. (Ball-Bearing), Aurora, Ill.
Wrightsville Hdwre. Co., Wrightsville, Pa.
Yale & Towne Mfg. Co., Stamford, Conn.; 9 Murray, N. Y.; Witherspoon bldg, Phila., Pa.; 131 Wabash av, Chicago, Ill.; 12 Pearl, Boston, Mass., & San Francisco, Cal.

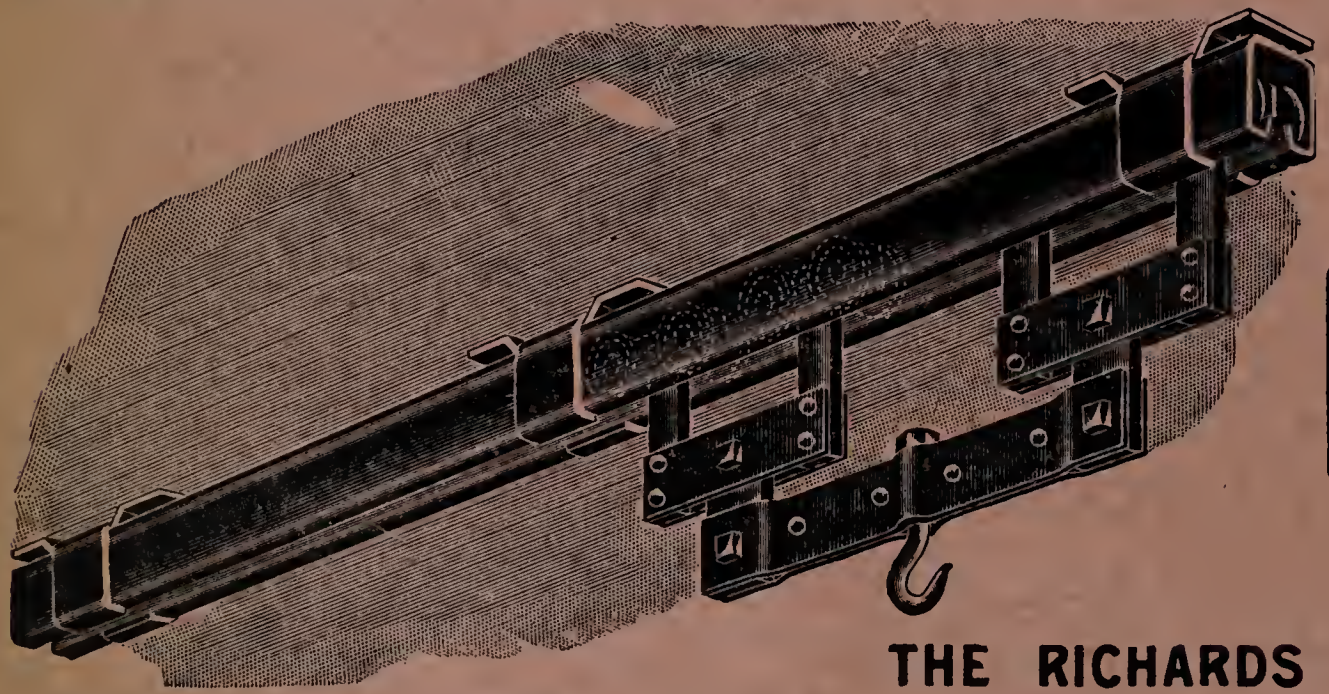
Door Hangers (Accordion or Folding)

McCABE HANGER MFG. CO., 425 W 25th, New York. (See adv. index, end of book)

Door Hangers (Barn or Warehouse)

Allith Mfg. Co. ("Reliable"), W Taylor c S 43d av, Chicago, Ill.
Chicago Spring Butt Co., 491 Carroll av, Chicago, Ill., & 97 Chambers, N. Y.
CHISHOLM & MOORE MFG. CO. Lake & Kirtland, Cleveland, O. (See adv. index, end of book)
Coleman Hardware Co., 59 Dearborn, Chicago, Ill.
Cronk & Carrier Mfg. Co. (Steel Roller Bearings & Loose Axle), Elmira, N. Y.

RICHARDS TROLLEY OVERHEAD CARRIERS



M'f'g Co.
TRADE MARK

RICHARDS
BARN DOOR HANGERS

RICHARDS
FIRE DOOR HANGERS

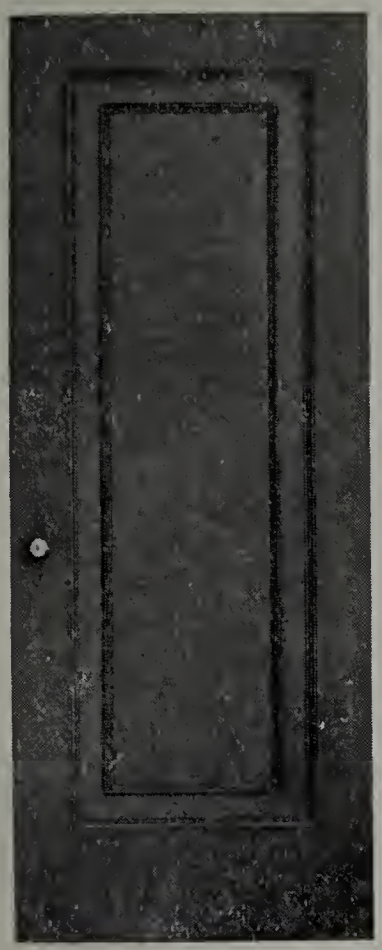
RICHARDS
PARLOR DOOR HANGERS

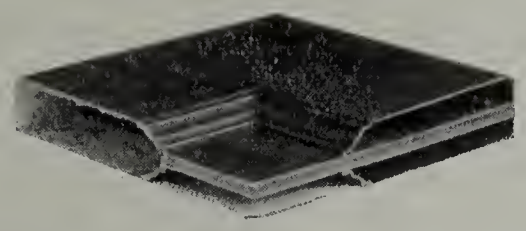
RICHARDS
TROLLEY GOODS

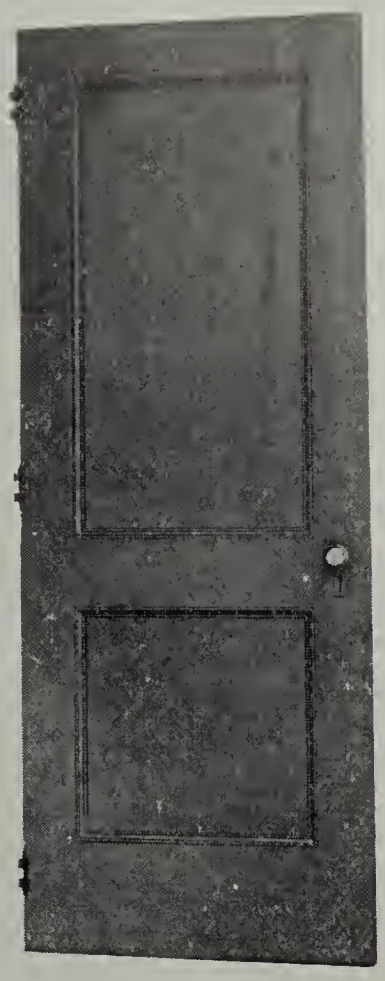
THE RICHARDS MFG. CO., Aurora, Ills.

DAHLSTROM METALLIC DOOR CO.

JAMESTOWN, N. Y.







Metal is Metal

Wood is Wood

WHY USE WOOD WHEN METAL CAN BE MADE JUST AS ATTRACTIVE, MORE EFFECTIVE AND EVERLASTING?

WE MANUFACTURE METALLIC DOORS FOR EVERY CONCEIVABLE PURPOSE, AND OUR CONSTRUCTION ADMITS OF MEETING ARCHITECTS' VIEWS AS TO PANEL EFFECTS, ETC. WE ALSO SUPPLY METAL JAMBS, FRAMES AND CASINGS AND OTHER SHEET-METAL MOULDINGS TO ANY POSSIBLE DESIGN.

THE above is an all steel Twentieth Century Door, light enough to replace high grade wooden doors throughout residences, office buildings, etc., etc., yet stronger and more rigid than any metal door on the market, and it is, of course, absolutely fireproof.

In this asbestos lined door all the objectionable features of the old style doors have been overcome. The open joints, as also the necessity for wood fillings or cores, have been obviated, the metal sound deadened, the weight reduced and the strength increased. It is highly ornamental, and even in vestibules and halls where exposed to the inclemency of the weather it will retain its shape and high grade finish admirably.

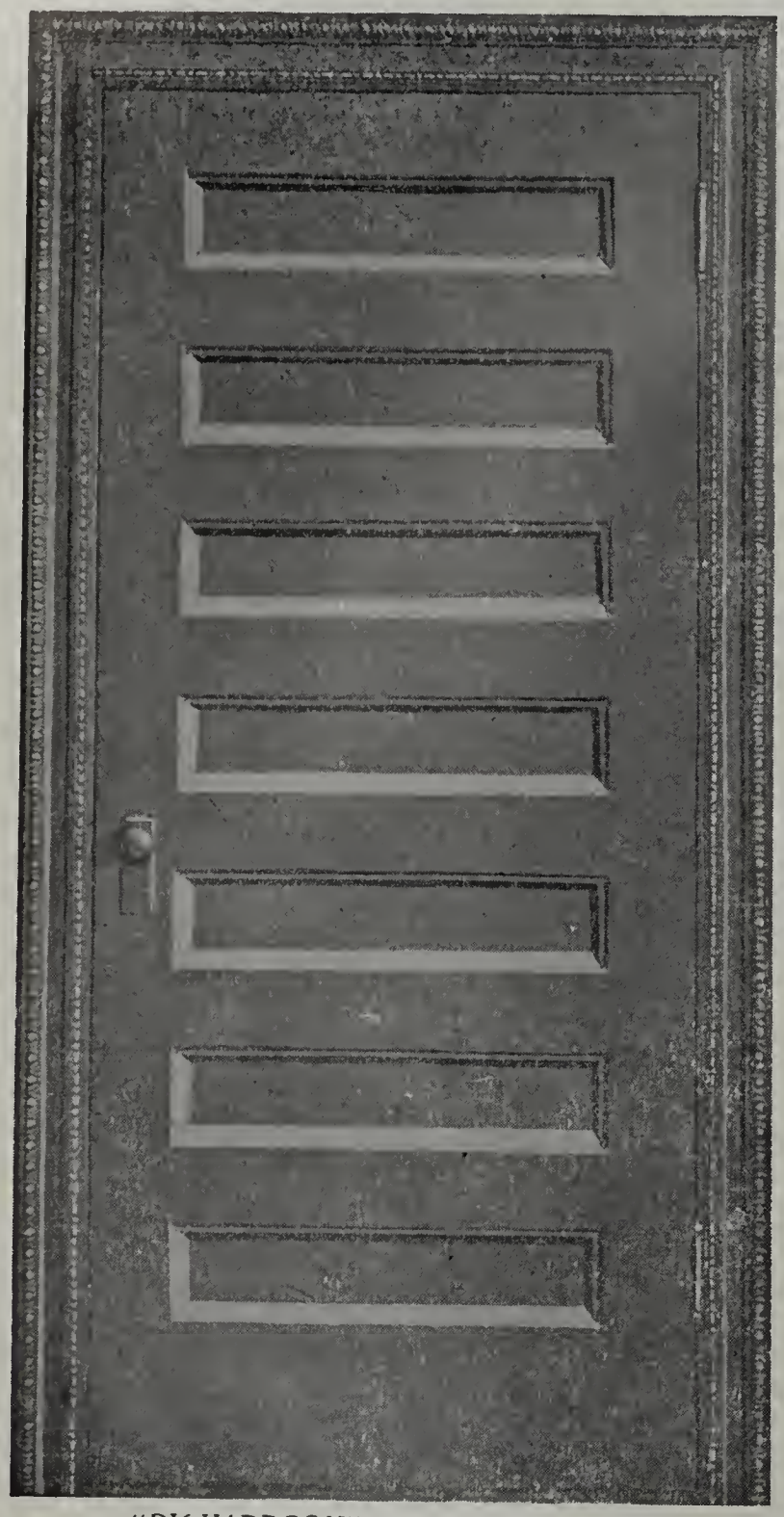
DAHLSTROM METALLIC DOOR COMPANY,

149 BROADWAY, NEW YORK, N. Y. JAMESTOWN, N. Y.

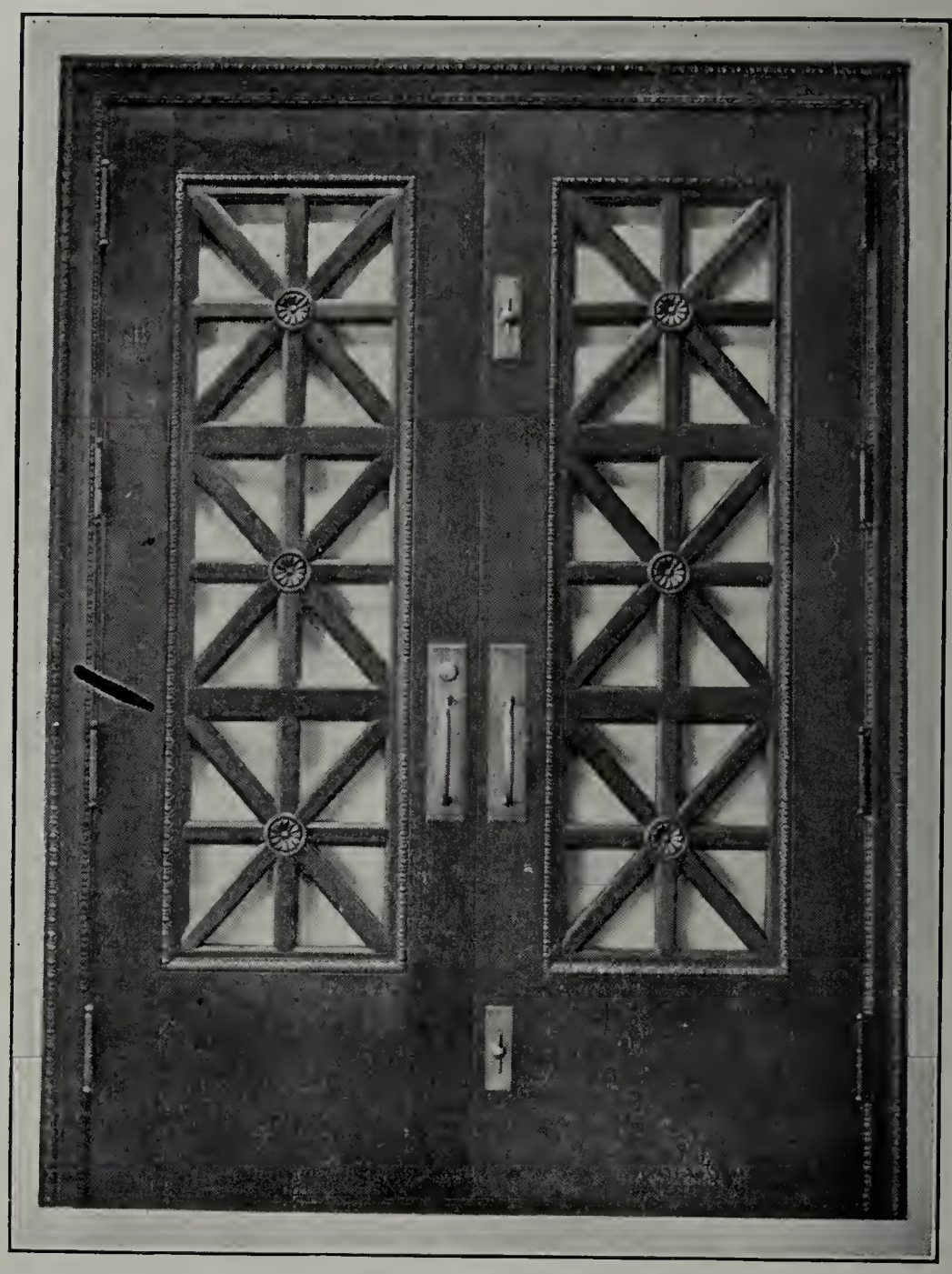
FURTHER INFORMATION CHEERFULLY GIVEN ON APPLICATION. ENQUIRIES SOLICITED.

"RICHARDSON" FIRE PROOF DOORS

Make Each Room a Separate Building.



"RICHARDSON" STANDARD DOOR.



SPECIAL DETAIL COPPER DOOR
ARCHITECT'S DETAIL FOLLOWED.

THE "RICHARDSON" DOOR is an asbestos lined wood core, covered with highest grade steel, one sheet to a side. The panels are sunk by hydraulic pressure, without seams or joints. The sheets are locked together on the edge, held in place by a steel band set in a groove. Finished in solid Copper, duplex plated old Copper, Brass, or painted. "Richardson" Doors are used throughout the Pacific Electric Railway Bldg., Laughlin Bldg., Brayley Bldg., Los Angeles; Seattle Power House, Seattle; Deseret News and Annex, Groves Hospital, Salt Lake City; M. W. of A. Bldg., Rock Island, Ill.; Blees Military Academy, Macon, Mo.; Wayne County Court House, Detroit, Mich.; all Underground Railway Stations, Studebaker Bldg., Importer's Bldg., Macy & Co. Bldg., Ardsley Hall, New York City; Terminal Warehouses, South Street Trust, Albany Bldg., State Mutual Bldg., Boston; Forester's Temple Bldg., Toronto, Can., etc., etc.

FIRE PROOF DOOR COMPANY, MINNEAPOLIS, MINN.

Dix Mfg. Co. ("Dix" Noiseless), Holliday & Hillen, Baltimore, Md.
Economy Mfg. Co., Syracuse, N. Y.
Griffin Mfg. Co., Erie. Pa.
Hunt, Helm, Ferries & Co. (Star), Harvard, Ill.
Kupferle, Jno. C., St. Louis, Mo.
Lane Bros. Co. (Ball Bearing), Poughkeepsie, N. Y.
Lawrence Bros. (also Roller Bearing), Sterling,
Louden Machinery Co., Fairfield, Ia. Ill.
McCABE HANGER MFG. CO. (Ball- Bearing, etc.), 425 W 25th, New York. (See adv. on this page)
McKinney Mfg. Co., Allegheny, Pa.
NEWHALL, HENRY B., 9 Murray, New York. (See adv. index, end of book)
Ney Mfg. Co., Canton, O.
Payne, Wm. M., Springfield, Ill.
Penn Hardware Co., Reading Pa.
Porter, J. E. Co. ("Can'tgetoff"), Ottawa, Ill.
Prouty, T. C. Co. (Ltd.) (Ball Bearing & Steel Trolley), Albion, Mich.
Reading Hardware Co., Reading, Pa.; 96 Reade, N. Y.; Chicago, Ill., & Phila., Pa.
Richards & Sencenbaugh Mfg. Co. (Roller Bearings), Aurora, Ill.
Richards Mfg. Co. (Ball Bearing), Aurora, Ill. (See adv. index, end of book)
RICHEY, BROWNE & DONALD ("Crescent"), Maspeth, Borough of Queens, New York City. (See adv. index, end of
Safety Door Hanger Co., Ashland O. book)
Schreiber & Conchar Mfg. Co., Dubuque, Ia.
STOWELL MFG. & FOUNDRY CO. ("Wilbern" Adjustable), S. Milwaukee, Wis. (See adv. below)
Sweet, A. L. Iron Works, Medina, N. Y.
WHITMAN & BARNES MFG. CO. ("Acme," "Diamond," "Chicago," "Hercules," Roller Bearing), West Pullman, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)
Wilcox Mfg. Co. (Trolley Roller Bearings, etc.), Aurora, Ill.
Wrightsville Hardware Co., Wrightsville, Pa.

Door Hangers (Car)

CHISHOLM & MOORE MFG. CO., Baggage Door), Lake & Kirtland, Cleveland, O. (See adv. index, end of book)
Kanaly. M. E. Co., Cambridgeport, Mass.
McCABE HANGER MFG. CO. (Ball- Bearing, etc.), 425 W 25th, New York. (See adv. on this page)
STOWELL MFG. & FOUNDRY CO. ("Wilbern" Adjustable), S. Milwaukee, Wis. (See adv. below)

Door Hangers (Elevator)

CHISHOLM & MOORE MFG. CO., c Lake and Kirtland, Cleveland, O. (See adv. index, page 1200)
Lane Bros. Co. (Ball Bearing), Poughkeepsie, N. Y.
McCABE HANGER MFG. CO. (Ball- Bearing, etc.), 425 W. 25th, New York. (See adv. on this page)
STOWELL MFG. & FOUNDRY CO. ("Wilbern" Adjustable), S. Milwaukee, Wis. (See adv. below)
Wilcox Mfg. Co. (Roller Bearing, etc.), Aurora, Ill.

Door Hangers (Fire)

Allith Mfg. Co., Taylor c S 43d av, Chicago.
Brewer Bros. (Sliding), 614 Filbert, Phila., Pa.
Lane Bros. Co. (Ball Bearing), Poughkeepsie, N. Y.
McCABE HANGER MFG. CO. (Ball Bearing, etc.), 425 W. 25th, New York. (See adv. on this page)
NEWHALL, HENRY B., 9 Murray, New York. (See adv. index, end of book)
Peters, Jas. & Son (Sliding), 1934 N Front, Phila., Pa
Prouty, T. C. Co. (Ball Bearing), Albion, Mich.
RICHARDS MFG. CO., (Ball Bear- ing), Aurora, Ill. (See adv. index, end of book)
STOWELL MFG. & FOUNDRY CO. ("Wilbern" Adjustable), S. Milwaukee, Wis. (See adv. below)
Wilcox Mfg. Co. (Trolley, Roller Bearing, etc.), Aurora, Ill.

Door Hangers (Freight House)

(See Door Hangers, Barn or Warehouse.)

Door Hangers (Parlor)

Arcade Mfg. Co. ("The Warner & Newport"), Freeport, Ill.
Central City Bolt Co. (Barry), Syracuse, N. Y.
Lane Bros. Co. (Ball Bearing), Poughkeepsie, N.Y.
Lawrence Bros (Roller Bearing), Sterling, Ill.
Luitank & Sons Mfg. Co., 775 18th, Milwaukee, Wis.
McCABE HANGER MFG. CO. (Ball Bearing, etc.), 425 W 25th, New York. (See adv. below)
NEWHALL, HENRY B., 9 Murray, New York. (See adv. index, end of book)
Prouty, T. C. Co. (Ball Bearing), Albion, Mich.
RICHARDS MFG. CO., (Ball Bear- ing), Aurora, Ill. (See adv. index, end of book)
RICHEY, BROWNE & DONALD (Crescent), Maspet, Borough of Queens. New York City. (See adv. index, end of book)
Richards & Sencenbaugh Mfg. Co. (Roller Bearing), Aurora, Ill.
Stearns, E. C. & Co. (Gem, Warners, Royal, Challenge & Sterns), Syracuse, N. Y.
STOWELL MFG. & FOUNDRY CO., ("Wilbern" Adjustable), S Milwaukeee, Wis. (See adv. below)
Wilcox Mfg. Co. (Trolley, Roller Bearing, etc.), Aurora, Ill.

Door Hangers (Sliding or Folding)

Allith Mfg. Co. ("Reliable"), Taylor c S. 43d av, Chicago, Ill.
Dille & McGuire Mfg. Co. (McGuire Trackless), Richmond, Ind.
McCABE HANGER MFG. CO. (Ball Bearing & Tubular), 425 W 25th, N. Y. (See adv. below)
RICHEY, BROWNE & DONALD (Crescent), Maspeth, Borough of Queens, New York city. (See adv. index, end of book)
Roof, Wm. S. & Son (For Doors or Partitions), Franklin, Ohio

Door Hangers (Steel Trolley Track)

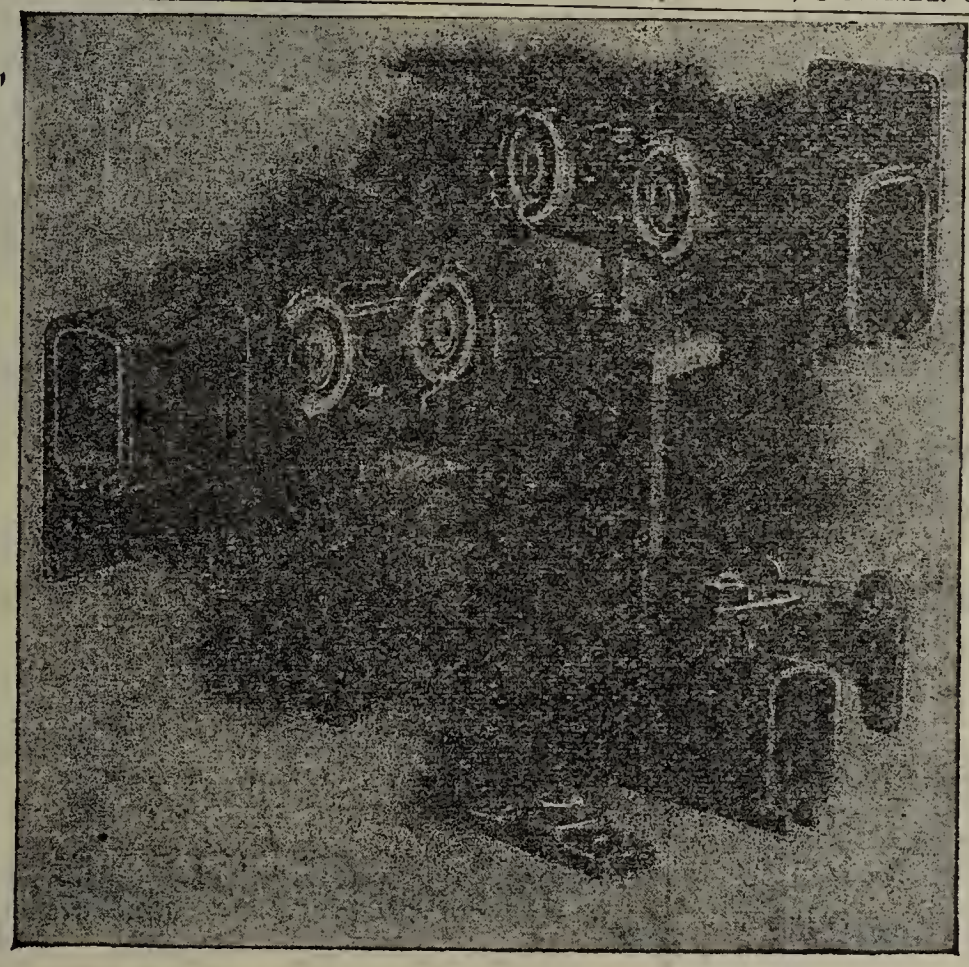
Prouty, T. C. Co., Albion, Mich.

Door Holders.

(See Door Stops.)

Door Knobs (Brass & Bronze)

Barrows Lock Co., Lockport, Ill.
Brass Goods Mfg. Co., 7 Warren, New York, & Nevin & Union, Brooklyn, N. Y.
Chicago Hardware Co., 132 Lake, Chicago, Ill.
Corbin Cabinet Lock Co., New Britain, Conn.
Norwalk Lock Co., S Norwalk, Conn.
Peck, Stow & Wilcox Mfg. Co., Southington, Conn.; Cleveland. O., & 27 Murray, New York



Ball Bearing Door Hangers for all kinds of Sliding Doors

The McCabe Hanger Mfg. Co. 425-27 W. 25th Street NEW YORK

DOOR HANGERS
UNDERWRITERS FIRE
WILBERN ADJUSTABLE
BALL BEARING PARLOR
WAREHOUSE AND BARN
ELEVATOR AND BAGGAGE CAR

REGISTERS HAY TOOLS CHAIN BELT HARDWARE
GREY AND MALLEABLE IRON CASTINGS
STOWELL MANUFACTURING & FOUNDRY CO.
19-47 SIXTH AVENUE, SOUTH MILWAUKEE, WIS.

Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.; 96 Reade, New York; 617 Market, Philadelphia, Pa., & 105 Lake, Chicago, Ill.
Russell & Erwin Mfg. Co., New Britain, Conn., & 47 Chambers, New York
Sargent & Co., New Haven, Conn., & 151 Leonard, New York
Schroeder, J. B. & Co., 133 E 5th, Cincinnati, O.
Stover Manufacturing Co., Freeport, Ill.
Taylor & Boggis Foundry Co., 521 Seneca, Cleveland, O.
Waterbury Button Co., Waterbury, Conn.
YALE & TOWNE MFG. CO., Stamford, Conn.; 9 Murray, New York; Witherspoon bldg, Phila., Pa.; 131 Wabash av, Chicago, Ill.; 12 Pearl, Boston, Mass., & San Francisco, Cal. (See adv. index, end of book)

Door Knobs (Porcelain)

Brunt, W. H., East Liverpool, O.
Greenwood Pottery Co., Trenton, N. J.
Morris & Wilmore, Trenton, N. J.
Standard China Works (Warren Kimble, Prop.), Trenton, N. J.
Thomas, R. & Sons Co., East Liverpool, O.

Door Knobs (Screwless)

Meriden Spring Hinge Co., Meriden, Conn.
New York Lock Co. ("Noack's"), Branford, Conn.
Russell & Erwin Mfg. Co., New Britain, Conn., & 43 Chambers, New York
Sargent & Co., New Haven, Conn., & 151 Leonard, New York

Door Knobs (Wood)

Bardsley, Joseph, 149 Baxter, New York
Kline, Lewis T., Alpena, Mich.
Mossman, Jerome, Fitchburg, Mass.
Piqua Handle & Mfg. Co., Piqua, O.

Door Knockers (Colonial)

Elm City Brass Co., 84 Audubon, New Haven, Conn.
GORHAM MFG CO., B'way & 19th, New York. (See adv front stencil)
JACKSON, WM. H. CO., 29 E 17th, (Union Square), N. Y. (See adv. index, end of book)

Door Numbers.

(See Numbers & Leters, Metal.)

Doors (Open Hearth Furnace)

Grove, Jno. W. Co. ("Knox," Cast Iron or Pressed Steel), Farmers B'k bldg, Pittsburg, Pa.

Door Openers (Automatic)

Ives Mfg. Co., Detroit, Mich.

Door Openers (Electric)

Boston Electric Co., 29 Harrison av, Boston, Mass.
Bunnell, J. H. & Co., 20 Park pl, New York
Edwards & Co., 407 E 144th, New York
Keil, Francis & Son, 667 E 163d, New York
Ostrander, W. R. & Co., 22 Dey, New York
Partrick, Carter & Wilkins, 1231 Callowhill, Philadelphia, Pa.
Stanley & Patterson ("S. & P."), 40 Cortandt, New York.
Western Electric Co., 259 S Clinton, Chicago, & 57 Bethune, New York
Wilhelm, Henry, 72 Frost, Brooklyn, N. Y.

Door Openers (Sliding Door)

EDWARDS & CO., 144th & 4th av, New York

Door Pulls

(See Pulls, Door.)

Door Screens

(See Screens, Door & Window.)

Door Springs

(See Springs, Door.)

Door Stops

Arcade Mfg. Co., Freeport, Ill.
Bardsley, Jos., 147 Baxter, New York
Bleha Patent Door Stop Co., 2117 Bismark, St. Louis, Mo.
Brohard Co. (Brohard's), 1624 N 9th, Phila., Pa.
Caldwell Mfg. Co. ("The Empire"), 8 Jones, Rochester, N. Y.
Chapin-Stephens Co., Pine Meadow, Conn.
Detroit Ship Building Co. (Brass Dept.), Detroit, Mich.
Judd, Oliver S., New Britain, Conn.
Lane Bros. Co., Poughkeepsie, N. Y.
Norwalk Lock Co., S Norwalk, Conn.
Phillips, A. J. Co., Fenton, Mich.
Piqua Handle & Mfg. Co., Piqua, Ohio
Pullman Mfg. Co., Rochester, N. Y.
Reading Hardware Co., Reading, Pa.; New York, Philadelphia & Chicago
Russell & Erwin Mfg. Co., New Britain, Conn., & 43 Chambers, New York
Sessions, J. H. & Son (Rubber Tip), Bristol, Conn.
Union Hardware Co., Torrington, Conn.
Wilcox Mfg. Co., Aurora, Ill.

Doors (Ash-Pit)

Barber Mfg. Co., Ashtabula, O.
Jackson, Edwin A. & Bro., 50 Beekman, N. Y.
Rogers Iron Co., Springfield, O.
STOWELL MFG. & FOUNDRY CO., S Milwaukee, Wis. (See adv. index, end of book)
Swett, A. L. Iron Works, Medina, N. Y.

Doors (Automatic Fire)

(See Elevator Doors, Automatic Fire.)

Doors (Bronze)

(See Bronze Doors.)

Doors (Car)

(See Car Doors & Fittings.)

Doors (Cellar)

Lanz, M., & Sons (Steel), Pittsburg, Pa.
RIESECK, P. (Steel), Allegheny av & Rebecca, Allegheny, Pa. (See adv. index, end of book)

Doors (Cold Storage)

DAHLSTROM METALLIC DOOR CO. (Fireproof), Jamestown, N. Y., & 149 B'way, New York. (See insert opp. page 372)
Stearns, A. T. Lumber Co., Neponset, & 166 Devonshire, Boston, Mass.
Stevens, Benj. A., Toledo, Ohio
Stevenson Co. (Ltd.) (Air & Fireproof), Chester, Pa.

Doors (Copper Covered)

BLANCHARD, J. F. CO. ("Richardson's"), Fuller bldg, New York, N. Y. (See adv. index, end of book)

FIRE PROOF DOOR CO. ("Richardson's") 401 12th av, Minneapolis, Minn. Sales offices: 166 Devonshire, Boston, Mass.; 231 St. Paul, Baltimore, Md.; 18th & Austin, St. Louis, Mo.; 29 New Montgomery, San Francisco, Cal., & 221 Jackson, Seattle, Wash. (See adv. index, end of book)

Doors (Core Oven)

Bethlehem Foundry & Machine Co., South Bethlehem, Pa.

Doors (Cross Horizontal)

VARIETY MFG. CO. (For Freight-Houses & Warehouses), 77 W. Lake, Chicago, Ill. (See adv. index, end of book)

Doors (Cypress), Wholesale

CYPRESS LUMBER CO., 153 Milk, Boston, Mass., & Appalachicola, Fla.
Cypress Tank & Mfg. Co., Patterson, La.
Lutcher & Moore Cypress Lumber Co., Lutcher, La.
Selden Cypress Door Co., Palatka, Fla.
Stearns, A. T. Lumber Co., Neponset, & 166 Devonshire, Boston, Mass.

Doors (Elevator)

(See Elevator Doors, Various Kinds.)

Doors (Elevating)

DAHLSTROM METALLIC DOOR CO. (Fireproof), Jamestown, N. Y., & 149 B'way, New York. (See adv. index, end of book)
Gardner Sash Balance Co. (Heavy Doors with Chain & Ball-Bearing Pulleys), 164 Dearborn, Chicago

Doors (Fire Proof, Metal)

BLANCHARD, J. F. CO. ("Richardson's"), Fuller bldg, New York, N. Y. (See insert opp. page 377)
DAHLSTROM METALLIC DOOR CO., Jamestown, N. Y., & 149 B'way, New York. (See insert opp. page 372)
Dowman-Dozier Mfg. Co. (Hollow Sheet Metal Panel), Atlanta, Ga.
FIRE PROOF DOOR CO. ("Richardson's") 401 12th av, Minneapolis, Minn. Sales offices: 166 Devonshire, Boston, Mass.; 231 St. Paul, Baltimore, Md.; 18th & Austin, St. Louis, Mo.; 29 New Montgomery, San Francisco, Cal., & 221 Jackson, Seattle, Wash. (See insert opp. page 373)
RAPP, JOHN W., General Office & Works, College Point, New York City. Sales Office, 156 5th av, New York. (See insert opp. page 376)

Doors (Folding)

Columbus Steel Rolling Shutter Co., Columbus, O.
FLEXIBLE DOOR & SHUTTER CO., Worcester, Mass.
KINNEAR MFG. CO., Columbus, O.; 85 Water, Boston, Mass.; 1011 Chestnut, Philadelphia, Pa., & 112 Clark, Chicago. (See adv. index, end of book)
NEWHALL, HENRY B., 9 Murray, New York. (See adv. index, end of book)
VARIETY MFG. CO. ("Cross," Horizontal for Freighthouses, etc.), 77 W Lake, Chicago, Ill. (See adv. index, end of book)

Doors (Freight House)

VARIETY MFG. CO. (Double Slide-Up), 77 W Lake, Chicago, Ill. (See adv. index, end of book)

REVOLVING DOORS.

"A door that has no springs—no weights—no checks."
"Never needs closing—cannot be left open—blown open—nor slammed."
"Keeps out all wind—snow—rain and dust, while persons are passing in and out."
IT IS "ALWAYS CLOSED."



SPECIFIED BY ALL THE LEADING ARCHITECTS.

THE REVOLVING FIRE DOOR IS THE IDEAL SYSTEM
AS A SAFE EXIT LEADING TO FIRE ESCAPES.
ELEVATOR SHAFTS AND STAIRWAYS.

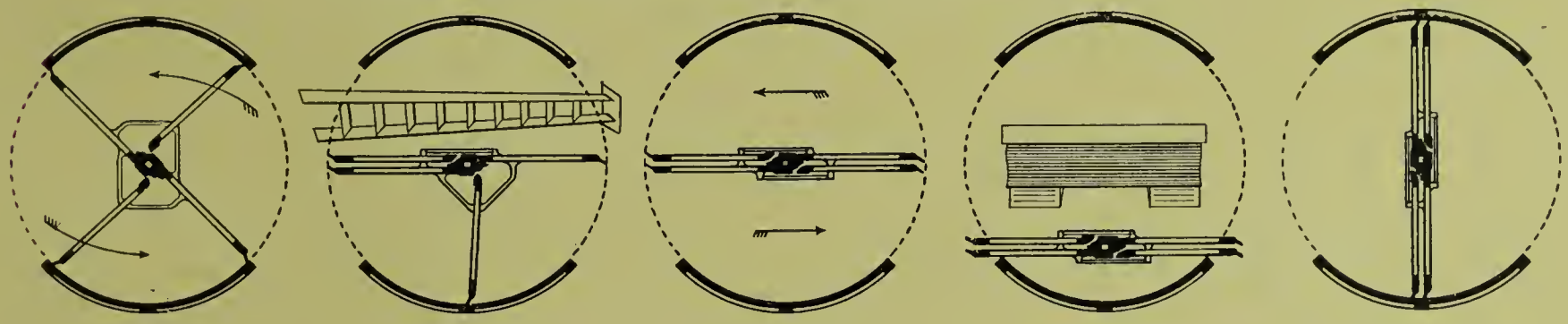
NO MORE UNSIGHTLY "STORM HOUSES."

SAVES ITS COST IN FUEL EVERY FEW YEARS.

NEED NOT BE REMOVED IN SUMMER.

This Company owns and controls the original and improvement patents on Revolving Doors. The public is warned against *Making*, *Selling or Using* structures infringing our patents.

VARIOUS POSITIONS OF THE REVOLVING WINGS.



Wings Revolving. One Wing Folded. Two Wings Folded. Wings Moved Aside. Folded and Locked.

CAN BE FOLDED AND MOVED ASIDE IN TEN SECONDS.

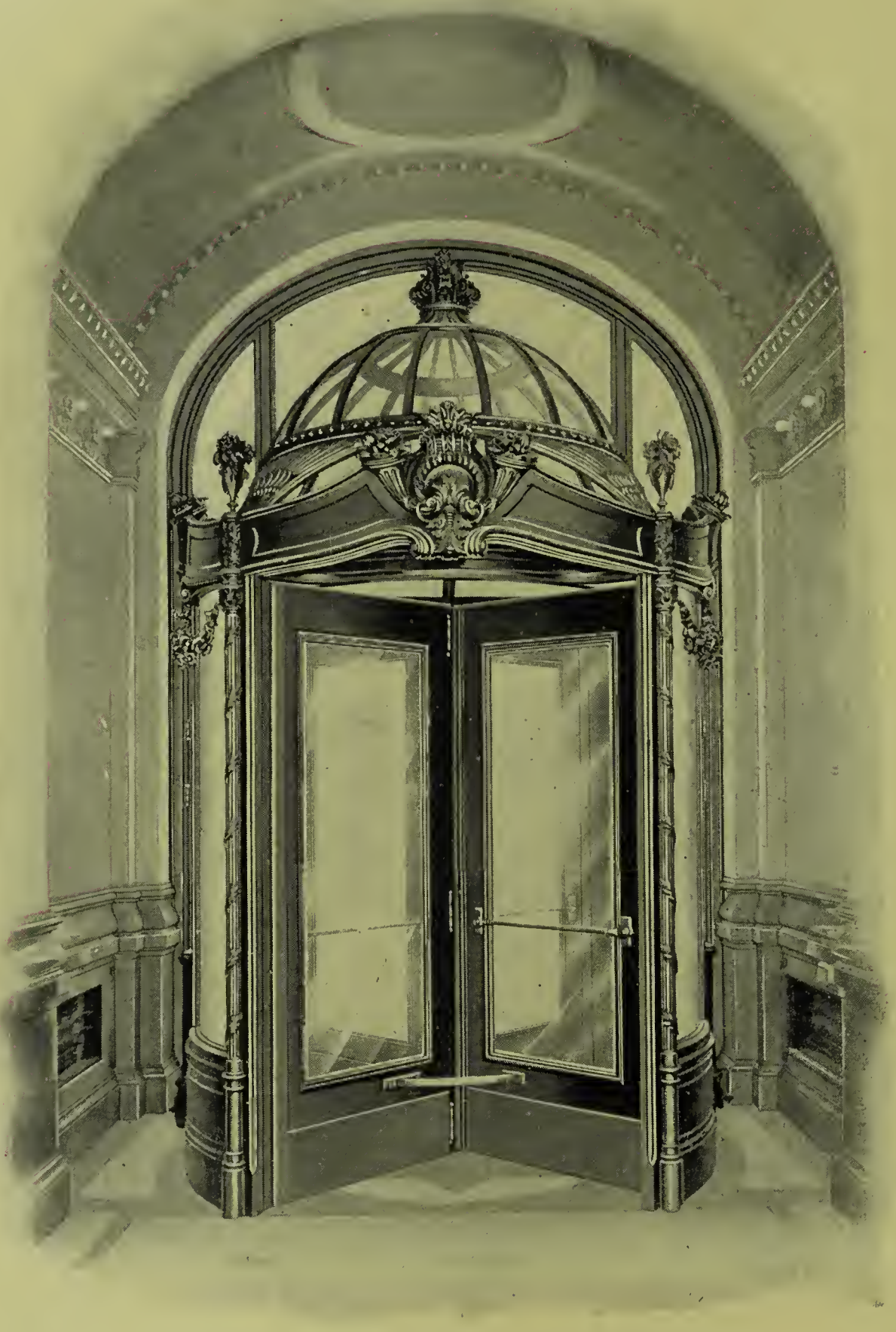
Prompt and special information given to inquiries from Architects.

Van Kannel Revolving Door Co.,

HOME OFFICE AND FACTORY: 528 E. 134th ST., NEW YORK.

Western Branch; 61 AUSTIN AVE., CHICAGO. **Eastern Branch; 813 PADDOCK BLDG., BOSTON.**

(SEE PRECEDING PAGE.)



High Grade Revolving Doors.

The Hotel St. Regis, New York, said to be the handsomest Hotel in the world, has the distinction of having two of the handsomest Revolving Doors ever installed, of which the above illustration is an interior view. They are constructed mostly of bronze and glass, having many ornamental features in chased bronze work and metal leaf hammering.

WE MAKE High-Grade Revolving Doors of various materials and designs. Marble walls and ceilings may be combined with mahogany wings or with bronze or in wood kalameined.

We are now equipped for turning out the most elaborate designs of Architects not only in Revolving Doors in wood, bronze and iron or steel, but all kinds of Architectural metal work.

Send for Special Circular on "HIGH GRADE REVOLVING DOORS".

Van Kannel Revolving Door Co.

528 EAST 134TH STREET, NEW YORK.

(SEE NEXT PAGE.)

Doors (Hard Wood & Veneered)

Alcott-Ross Co., 2917 N Broad, Phila., Pa.
Anson-Hixon Sash & Door Co. (for the Trade Only), Merrill, Wis.
Armstrong-Landon Co., Kokoma, Ind.
Batavia & New York Wood Working Co., Batavia, N. Y., & Fuller bldg, New York
Bossert, Louis & Son, Grand st & Newtown Creek, Brooklyn, N. Y.
Burton, Wm. H. Co., Centre, Colonie & N Lansing, Albany, N. Y.
Butler, Geo. R. Co., Sandusky, O.
Caldwell & Iseminger, Middletown, O.
Carl, John H., 510 1st av, New York
Carter-Travis Co., Seymour, Ind.
Chicago Veneered Door Co., 316 Chamber of Commerce, Chicago, Ill.
Compound Door Co., St. Joseph's, Mich., & 189 La Salle, Chicago, Ill.
Conway Veneered Door & Mantel Co., St. Paul av & 20th, Milwaukee, Wis.
Crampton & Belden Mfg. Co. (Wholesale Mfrs.), Green Island, Troy P. O., N. Y.
Cream City Sash & Door Co. (for the trade only), Milwaukee, Wis.
Currier, E. Bradley Co., 119 W 23d, New York
Curtis Bros. & Co. (For the Trade only. Wholesale Mfrs.), Clinton, Ia.
Curtis & Bartlett Co. (for the trade only, Mfrs.), Lincoln, Neb.
Curtis & Yale Co. (for the trade only Mfrs.), Wausau, Wis.; Lumber Exch., Minneapolis, Minn., & 79 Grand av, Milwaukee, Wis.
Davis, E. J., Mfg. Co., 251 W 21st, Chicago
Disbrow, M. A. & Co. (Wholesale Mfrs.), Lyons, Iowa
Eldridge, E. H. Lumber Co., Indianapolis, Ind.
Enterprise Planing Mill Co., Hillsboro, Ohio
Farley & Loetscher Mfg. Co., Dubuque, Ia.
Foster-Munger Co. (for the trade only), W 20th & S Sangamon, Chicago, Ill.
Fuller & Rice Lumber & Mfg. Co. (for the trade only), Grand Rapids, Mich.
Gauger, John A. & Co. (for the trade only), W 22d & Laflin, Chicago
Gould Mfg. Co. (for the trade only), Oshkosh, Wis
Grand Rapids Veneered Door Co. (Ltd.), Grand Rapids, Mich.
Gray Bros. Mfg. Co., Muskegon, Mich.
Hafner Mfg. Co. (Wholesale Mfrs.), Main c Dock, St. Louis, Mo.
Huebner Mfg. Co., 236 E Fort, Detroit, Mich.
Huttig Mfg. Co., Muscatine, Iowa
Huttig-Moss Mfg. Co., St. Joseph, Mo.
Hyde, Murphy Co., Ridgway, Pa.
Ironton Wood Mantel Co. (Wholesale Mfrs.), Ironton, O.
I. X. L. & Goshen Pump Co., Goshen, Ind.
Jamestown Mantel Co., Jamestown, N. Y., & 884 Columbus av, New York
Kalamazoo Interior Finish Co., Kalamazoo, Mich.
Kertscher & Co., 13 Lawrence, N. Y., & Elmira, N. Y.
Lamont, Matthew (Wholesale Mfrs.), Bay City, Mich.
Lord, P. A. Lumber Co. (for Dealers & Contractors), La Grange, Ill.
Lortz & Frey Planing Mill Co., 420 E Breckenridge, Louisville, Ky.
Lutcher & Moore Cypress Lumber Co. (Wholesale Mfrs.), Lutcher, La.
McConnell Mfg. Co., Hornellsville, N. Y., & 160 5th av, New York
McMillen, R. Co. (for the trade only), Oshkosh, Wis.
Mason & Co., Burlington, Vt., & 138 E 42d, New York
Mechanics Plaining Mill Co., 3746 B'way, St. Louis, Mo.
Miller, Wm. & Sons, Frick bldg, Pittsburg, Pa. Mills, Rochester, Pa.
Montgomery Door & Box Co., Buffalo, N. Y.
Morgan Co. (for the trade only), Oshkosh, Wis., & W 22d & S Union, Chicago
Mulliner Box & Planing Co., Quincy, Ill.
Nesbit, D. M. Co. (Wholesale Mfrs.), Lewisburg, Pa
Ocker & Ford Mfg. Co., Grand Rapids, Mich.
Paine Lumber Co. (for the trade only), Oshkosh, Wis., & 1 Madison av, New York
Pease Co., Fredonia av & C. L. & N. R. R., Cincinnati, O.
Radford Sash & Door Co. (for the trade only) 102 W 22d, Chicago
Rice & Griffin Mfg. Co., Sargent c Gold, Worcester, Mass.
Rikerd Lumber Co. (Wholesale Mfrs.), Lansing, Mich.
Ripley Lumber Co., Poultney, Vt.
Roach & Musser Sash & Door Co. (Wholesale Mfrs.), Muscatine, Iowa
Roberson, A. & Son, Binghamton, N. Y.
Rock Island Sash & Door Works (Wholesale Mfrs.), Rock Island, Ill.
Rockwell Mfg. Co. (for the trade only), 6th av & Park, Milwaukee, Wis.
Rogers, D. M. & Co., New Britain, Conn.
Schaller-Hoehrr Co., 416 Blue Island av, Chicago, Ill.
Stearns, A. T. Lumber Co., Neponset, & 166 Devonshire, Boston, Mass.
Taylor, Henry Lumber Co., Lafayette, Ind.
Tuttle & Burritt (Mfrs.), Lapeer, Mich.
VAN KANNEL REVOLVING DOOR Co., 524 E 134th, N. Y. (See adv. next column and inset opp. this page)
Van Leer Bros., Brookville, Pa.
Weybrecht's, J. T. Sons, Alliance, O.
Williamson & Libbey Lumber Co. (for the trade only), Oshkosh, Wis.
Williamsport Planing Mill Co., Williamsport, Pa.
Wollaeger Mfg. Co., Milwaukee Wis.
Woodbury Mill & Lumber Co., Woodbury, N. J.

Doors (Hopper)

McCord & Co. (The Johnson), Old Colony bldg, Chicago

*Doors (Iron & Glass)

PITT, WM. R. COMPOSITE IRON Works (Vestibule & Storm), 111 5th av, New York. (See adv. index, end of book)

Doors (Kiln)

Hathorn Foundry & Machine Co., Mason City, Ia.

Doors (Metal Covered Entrance)

BLANCHARD J. F. CO. ("Richardson's"), Fuller bldg, New York
son's'), Fuller bldg, New York. (See insert opp. page 377)
DAHLSTROM METALLIC DOOR CO., Jamestown, N. Y., & 149 B'way, New York. (See insert opp. page 372)
Dowman-Dozier Mfg. Co., Atlanta, Ga.
FIRE PROOF DOOR CO. ("Richardson's"), 401 12th av, Minneapolis, Minn. Sales offices: 166 Devonshire, Boston, Mass.; 231 St. Paul, Baltimore, Md.; 18th & Austin, St. Louis, Mo.; 29 New Montgomery, San Francisco, Cal., & 221 Jackson, Seattle, Wash. (See insert opp. page 373)
RAPP, JOHN W. (Bronze & Copper Covered). General Office & Works, College Point, New York City. Sales Office, 156 5th av, New York. (See insert opp. page 376)

Doors (Metallic, Solid)

DAHLSTROM METALLIC DOOR CO. (High Grade Fire Proof with Incombustable Filling), Jamestown, N. Y., & 149 B'way, New York (See insert opposite)

Doors (Mine)

American Mine Door Co., Cleveland, O., & Canton, O.

Doors (Open Hearth Furnace)

Grove & Knox ("Knox" Cast Iron or Pressed Steel), Farmers' Bank bldg, Pittsburg, Pa.

Doors (Oven)

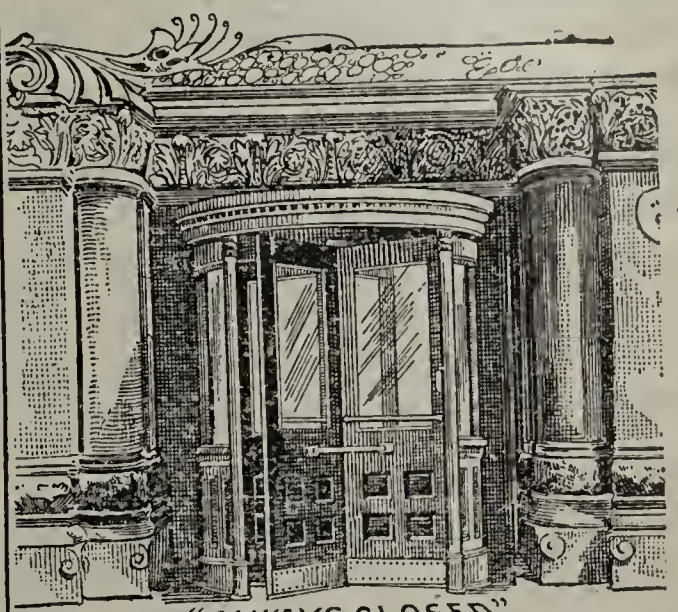
Comstock, Geo. S., Mechanicsburg, Pa.

Doors (Red Cedar, Wholesale)

Whatcom Falls Mill Co., Whatcom, Wash.
Wheeler, Osgood Co., Tacoma, Wash.

Doors (Revolving)

VAN KANNEL REVOLVING DOOR CO., Home Office, 524 E 134th, New York. Western Branch; 61 Austin av, Chicago. Eastern Branch: Paddock bldg, Boston, Mass. (See cut below and insert opposite this page)



THE REVOLVING DOOR

Excludes all wind, snow, rain and dust while persons are passing in and out. Also used as a FIRE DOOR, to prevent fire spreading from room to room.

VAN KANNEL REVOLVING DOOR CO.

524 East 134th Street, NEW YORK.

Doors (Revolving Fire Proof)

VAN KANNEL REVOLVING DOOR CO., Home Office, 524 E 134th, New York. Western Branch: 61 Austin av, Chicago. Eastern Branch: Paddock bldg, Boston, Mass. (See insert opposite this page.)

Doors (Sashes & Blinds)

(See Sashes, Doors & Blinds.)

Doors (Sheet Metal)

Dowman-Dozier Mfg. Co., Atlanta, Ga.

Doors (Steel Rolling)

(See Shutters, Steel Rolling.)

Doors (Winding & Sliding)

DAHLSTROM METALLIC DOOR CO. (Metal), Jamestown, N. Y., & 149 B'way, New York. (See insert opp. page 372)
Dodge, H. B. & Co., 108 La Salle, Chicago
Flexible Door & Shutter Co., Worcester, Mass.
Stearns, A. T. Lumber Co., Neponset, & 166 Devonshire, Boston, Mass.
WILSON, JAS. G. MFG. CO. (Swing for Freight Sheds & Warehouses), 3 W 29th, New York. (See adv. index, end of book)

Doors & Shutters (Fireproof)

(See also Shutters, Steel, Etc.)

American Steel Roofing Co., Middletown, O.
BERGER MFG. CO. Main Office & Works, Canton O. Branches, 210 E 23d, New York; 23 Lake, Chicago, Ill.; 623 N Main, St. Louis, Mo.; 1215 Filbert, Phila., Pa., & 176 Federal, Boston, Mass. (See adv. index, end of book)
BLANCHARD, J. F. CO. (Metal Covered), Fuller bldg, New York, N. Y. (See insert opp. page 377)
CAMBRIDGE ROOFING CO., Cambridge, O.
Canton Steel Roofing Co., Canton, O.
CHAMPION IRON CO., Kenton, O (See adv. index, end of book)
Columbus Steel Rolling Shutter Co., Columbus, O.
DAHLSTROM METALLIC DOOR CO., Jamestown, N. Y., & 149 B'way, New York. (See insert opp. page 372)
DODGE, H. B. & CO., 108 La Salle, Chicago, Ill.
FIRE PROOF DOOR CO. ("Richardson's"), 401 12th av, Minneapolis, Minn. Sales offices: 166 Devonshire, Boston, Mass.; 231 St. Paul, Baltimore, Md.; 18th & Austin, St. Louis, Mo.; 29 New Montgomery, San Francisco, Cal., & 221 Jackson, Seattle, Wash. (See insert opp. page 373)
HECLA IRON WORKS, 118 N 11th, Brooklyn, N. Y. (See adv. index, end of book)
KINNEAR MFG. CO. (Steel Rolling), Columbus, O.; 85 Water, Boston, Mass.; 1001 Chestnut, Phila., Pa., & 112 Clark, Chicago. (See adv. index, end of book)
KINNEAR & GAGER MFG. CO. ("Paneled"), Columbus, O. (See adv. index, end of book)
Kriegshaber, V. H. (Doors only), 6 N Forsyth, Atlanta, Ga.
LANDON & EGGERS IRON & WIRE Works (Iron), 1243 Filmore, Chicago, Ill. (See adv. index, end of book)
McDougall & Potter (Inc.) 606 W 55th, N. Y.
McLauthlin, G. T. Co., 120 Fulton, Boston, Mass.
MERRITT & CO., 1024 Ridge av, Phila, Pa. (See adv. index, end of book)
Mesker & Bro., 423 S 6th, St. Louis, Mo.
MILWAUKEE CORRUGATING CO., Milwaukee, Wis. (See adv. index, end of book)
National Fireproof Door & Shutter Co., 250 Moore, Brooklyn, N. Y.
NEWHALL, HENRY B., 9 Murray, New York. (See adv. index, end of book)
Ornamental Iron & Wire Co., Portsmouth, Va.
Perkins Mfg. Co., 1121 E 7th, St. Paul, Minn.
Pritchard, E. M. & Son Co., E 138th & Mott av, New York
RAPP, JOHN W. (Metal Covered), General Office & Works, College Point, New York City. Sales Office, 156 5th av, New York. (See insert opposite)
RIESECK, P. (Steel), Allegheny av & Rebecca, Allegheny, Pa. (See adv. index, end of book)
ROLLING STEEL SHUTTER WORKS (I. D. Thomas, Manager), 162 W 27th, New York. (See adv. index, end of book)
Schreiber, L. & Sons Co., 8th & Eggleston av, Cincinnati, O.
SNEAD & CO. IRON WORKS, ft of Pine st, Jersey City, N. J. (See adv. index, end of book)
Swearingen Mfg. Co., Kansas City, Mo.
VARIETY MFG. CO. (Iron & Tin Clad), 77 W. Lake, Chicago, Ill. (See adv. index, end of book)
VARIETY MFG. CO., 77 W Lake, Chicago, Ill.
White, James, 446 Adelphia, Brooklyn, N. Y.
WILSON, JAS. G. MFG. CO. (Steel Rolling), 3 W 29th, New York. (See adv. index, end of book)

Doors & Windows (Kalameined, Iron Covered)

Ellis, A. J., Co., West New York, N. J.
Howell & Lawrence, 402 E 93d, New York.
Westergen, W. F., 433 E 144th, New York

Dowel Rods.

Dann Bros. & Co., New Haven, Conn.
Estes, E. B. & Sons, 45 John, N. Y.
Greenville Mfg. Co., Greenville, Me.
Harris & Cole Bros. (Poplar, Oak & Yellow Pine), Cedar Falls, Iowa, & Columbia, Tenn.
Kuntz, Jacob E., South Bend, Ind.
Southern Bobbin Co., Greensboro, N. C.
Sturm, Adolph Co., 51 W Wash, Chicago, Ill.

Dowels.

Beskin Mfg. Co. (Brass), Canton, O.
Canton Fillett Co., Canton, O.
Ellsworth Hardwood Co. (Rope, Reed & Plain), Ellsworth, Me.

Dowels, Patternmakers'.

Diamond Clamp & Flask Co., Richmond, Ind.
New Britain Hardware Mfg. Co., New Britain, Conn.
Timmis & Clissold (Brass), Bound Brook, N. J.

Dowels (Steel)

Lanz, M., & Sons, 101 S 29th, Pittsburg, Pa.

Draft Gear

Dayton Malleable Iron Co. (for Steel & Wooden Cars), Dayton, O.
Farlow Draft Gear Co. ("Farlow"), Baltimore, Md.
Miner, W. H., Co. ("Miner" Draft Rigging), Rookery bldg, Chicago, Ill.
National Car Coupler Co. ("Hinson"), Monadnock blk, Chicago, Ill. Works: Converse, Ind.
Standard Coupler Co. ("Sessions-Standard" Friction), 160 B'way, N. Y. Works, Bridgeport, Conn.
WESTINGHOUSE AIR BRAKE CO., The (Friction), Pittsburg, Pa.

Draft Inducer.

Brown Specialty Machinery Co. ("Gadey"), Jackson boul & Clinton, Chicago

Draft (Mechanical)

(See Mechanical Draft.)

Draftsmen (Mechanical)

Gaylord, Chas. E. (Patent Office Drawings a Specialty), Monadnock blk, Chicago, Ill.
White & White (Patent Office Drawings a Specialty), Monadnock blk, Chicago, Ill.

Drainage, Durham System.

Baggot, E. Co., 169 Adams, Chicago, Ill.

Drains (Water Back, Floor & Stable)

National Brass Mfg. Co. ("Sieben"), Kansas City, Mo.

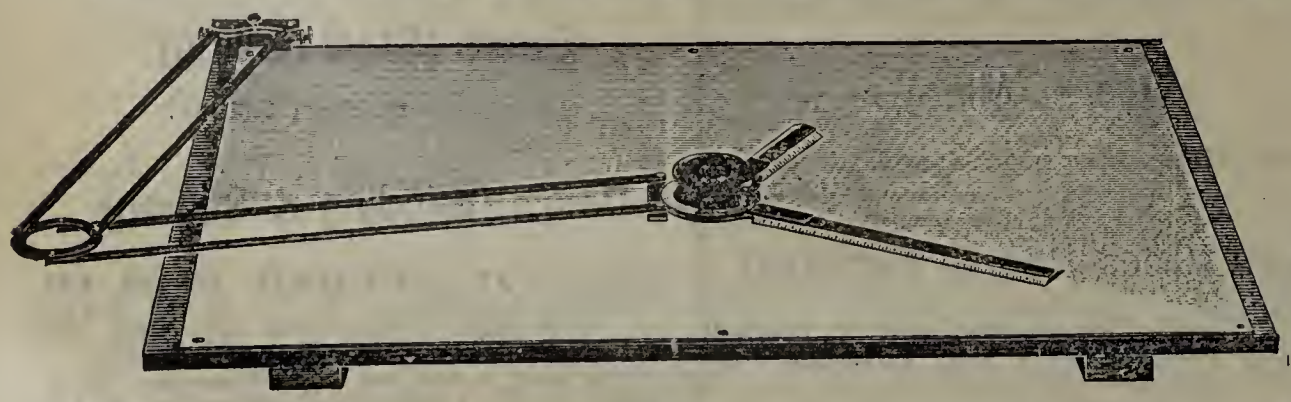
Draughting Inks.

Aloe, A. S., Co., 513 Olive, St. Louis, Mo.
Carter Ink Co., 164 Columbus av, Boston, Mass.
DIETZGEN, EUGENE CO., 181 Monroe, Chicago; 119 W 23d, New York, & 14 1st, San Francisco, Cal. (See adv. index, end of book)
ELLIOTT ELECTRIC BLUE PRINT Co., 723 Liberty av, Pittsburg, Pa. (See adv. index, end of book)
Higgins, Chas. M., 271 9th, Brooklyn, N. Y.
Keuffel & Esser Co., 127 Fulton, New York
Kopp, Geo. L. & Co., 538 Smithfield, Pittsburg, Pa.
POST, FREDERICK CO., 218 S Clark, Chicago, Ill. (See adv. index, end of book)
QUEEN & CO., 1010 Chestnut, Philadelphia, & 59 5th av, New York. (See adv. index, end of book)
SOLTMAN, E. G. (Also everything for the Architect, Engineer & Draughting Room), 125 E 42d, New York. (See adv. index, end of book)
Taylor Bros. ("Opake" Quick Drying Water Proof, for Tracing Cloths), 82 Superior, Cleveland, O.
Williams, Brown & Earle, 918 Chestnut, Philadelphia, Pa.

*Drafting Room Equipment.

American Drafting Furniture Co., 421 Lyell av, Rochester, N. Y.
UNIVERSAL DRAFTING MACHINE Co., Blackstone bldg, Cleveland, O. (See adv. below)

The Universal Drafting Machine IS A TIME SAVER



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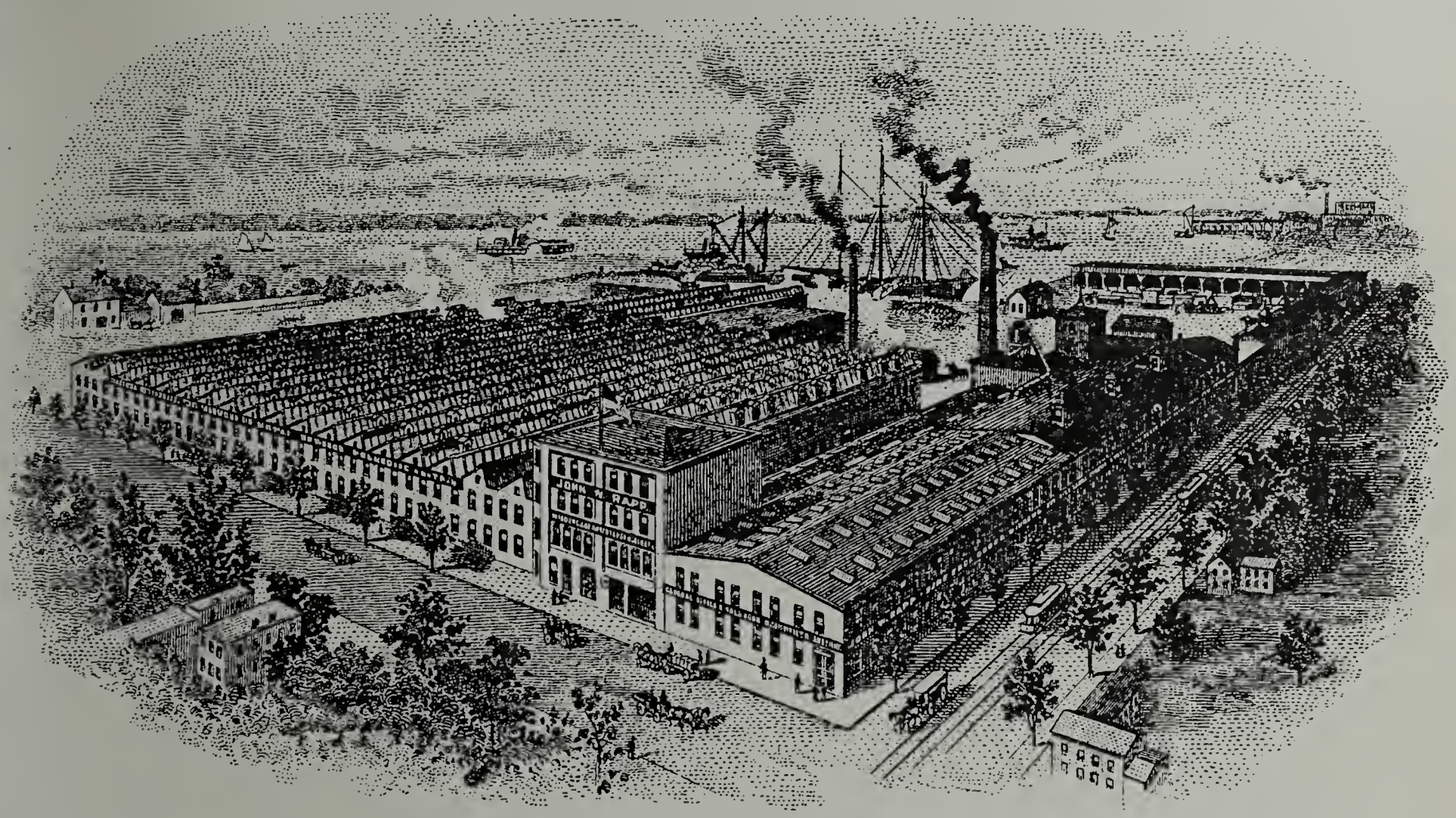
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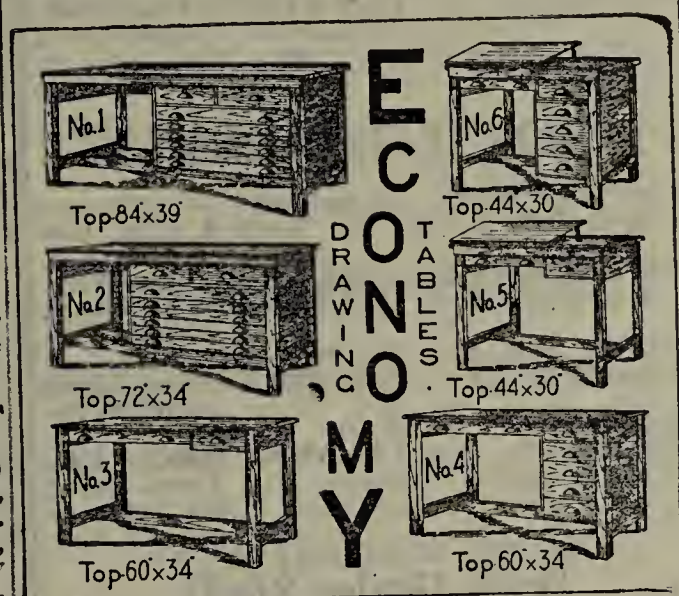
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American Drafting Furniture Co., 421 Lyell av. Rochester, N. Y.

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Risdon Iron & Locomotive Works, Stewart & Folsom sts, San Francisco, Cal.
Urie Boiler & Machine Co., Kansas City, Mo.
Yeatman, Jno. A. & Co. (Beach Sand Dredges), 13 1st, San Francisco, Cal.

Dredges (Second-Hand).

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LIDGERWOOD MFG. CO., 96 Liberty, New York, & Old Colony bldg, Chicago. (See adv. Front Col'd page)
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Dressing (Belt)

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East Mfg. Co. ("Peerless," also Easy Lining Restorer), Buffalo, N. Y.

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Hunt, C. W. Co., 45 B'way; Works, West New Brighton, S. I., N. Y.
LESCHEN, A. & SONS ROPE CO., 920 N 1st, St. Louis, Mo.; 137 E Lake, Chicago,; 163 Wash'n, New York, & 1717-23 Arapahoe, Denver, Colo. (See adv. index, end of book)

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Nason, R. N. & Co. (Wire Rope), 115 Front, San Francisco, Cal.

Drill Presses.

Gem Mfg. Co. ("Gem," Screw Feed), Pittsburg, Pa.
Gould-Eberhardt, 95 N. J. R. R. av, Newark, N. J.

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Adams, A. L., Cedar Rapids, Iowa
Strange's Machine Works, Taunton, Mass.

Drills (Artesian Well)

AMERICAN WELL WORKS, Aurora, Ill., U. S. A.; Chicago, Ill.; Dallas, Tex., & 2 Stone, New York. (See adv. index, end of book)
Austin Mfg. Co., Manhatan bldg, Chicago, Ill. Works, Harvey, Ill.
Diamond Drill & Machine Co., Birdsboro, Pa.
Star Drilling Machine Co., Akron, O.

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Baush Machine Tool Co., Springfield, Mass.
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Hoefer Mfg. Co., Freeport, Ill.
Niles-Bement-Pond Co., 136 Liberty, New York. Works. Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Norton & Jones Machine Tool Works (Power Feed, 1, 2, 3, 4, 5 & 6 Spindles), Plainville, Conn
Pratt & Whitney Co., Hartford, Conn.
Prentice Bros. Co., Worcester, Mass.
San Francisco Tool Works, 27 Stevenson, San Francisco
Wiley & Russell Mfg. Co., Greenfield, Mass.

Drills (Beet Planting)

American Seeding Machine Co. Main Office, Springfield, O. Works, Louisville, Ky.; Macedon, N. Y., & Richmond, Ind.
Hoosier Drill Co., Richmond, Ind.

Drills (Bench)

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Sigourney Tool Co., Hartford, Conn.
Silver Mfg. Co., Salem, Ohio
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STRONG, CARLISLE & HAMMOND CO. (The Ideal), Cleveland, Ohio. (See adv. index, end of book)

Drills (Bit Stock)

Cincinnati Tool Co., Norwood, Cincinnati, O.
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Detroit Twist Drill Co., Detroit, Mich.
Mayhew, H. H. Co., Shelburne Falls, Mass.
Morse Twist Drill & Machine Co., New Bedford, Mass.
New Process Twist Drill Co. (Hot Forged), Taunton, Mass.
Standard Tool Co., 1260 Central av, Cleveland, Ohio
Syracuse Twist Drill Co., Syracuse, N. Y.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)

Drills (Blacksmiths')

Boynton & Plummer, Worcester, Mass.
Buffalo Forge Co., Buffalo, N. Y., & 39 Cortlandt, New York
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Cincinnati Tool Co., Norwood, Cincinnati, O.
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Morse Twist Drill & Machine Co., New Bedford, Mass.
Niles-Bement-Pond Co., 136 Liberty, New York. Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
New Process Twist Drill Co., Taunton, Mass.
Peck, Stow & Wilcox Co., Southington, Conn., & 27 Murray, New York
Pleuger & Henger Mfg. Co., 11th & Hebert, St. Louis, Mo.
Pratt & Whitney Co., Hartford, Conn.
Prescott, J. B. & Son, Webster, Mass.
Reed, Francis Co., Worcester, Mass.
Russ, A. E. Mfg. Co., 87 Wade Park av, Cleveland, O.
Silver Mfg. Co., Salem, O.
Standard Tool Co., Cleveland, O.
Swett, A. L. Iron Works (Steel Spindle, etc.), Medina, N. Y.
Wells Bros. Co., Greenfield, Mass.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)

Drills (Boilermakers')

Aurora Tool Works, Aurora, Ind.
Bickford Drill & Tool Co., Front & Pike, Cincinnati, O.
Niles-Bement-Pond Co., 136 Liberty, New York. Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Prentice Bros. Co., Worcester, Mass.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Philadelphia, Pa.
Silver Mfg. Co., Salem, O.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)

Drills (Boiler Shell)

DALLETT, THOS. H. CO. (Electric Duplex), York & Sedgley av, Phila., Pa. (See adv. index, end of book)
Prentice Bros. Co., Worcester, Mass.

Drills (Bracket)

STRONG, CARLISLE & HAMMOND CO. ("The Berlin"), Cleveland, O. (See adv. index, end of book)

Drills (Breast)

Bartholomew, H. S., Bristol, Conn.
Clark, Jas. Jr. & Co. (Electrically Driven), 313 W Main, Louisville, Ky.
Empire Engine & Motor Co., Orangeburg, N. Y.
Fray, Jno. S. & Co., Bridgeport, Conn.
Gem Mfg. Co. ("Gem"), Pittsburg, Pa.
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Stow Flexible Shaft Co., N 26th & Buttonwood, Philadelphia, Pa.
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Turner & Deegan, Bristol, Conn.
West Mfg. Co., 374 7th, Buffalo, N. Y.

Drills (Carriage, Embossed Rubber)

Empire Rubber Mfg. Co., Trenton, N. J., & 60 Reade, New York

Drills (Chain)

Goodell-Pratt Co. (Automatic, etc.), Greenfield, Mass.

Drills (Clamp)

Eckstein, Chas. G., 249 Center, N. Y.
Jackson Patent Shell Roll Co. (Universal), Pawtucket, R. I.
Reed Francis Co., Worcester, Mass.
Stow Flexible Shaft Co., N 26th & Buttonwood, Philadelphia, Pa.
Tecktonius, E. C. Mfg. Co., Racine, Wis.

Drills (Coal & Rock)

(See also Machines, Coal Cutting.)

Beaver Falls Mfg. & Fuel Co. (Hand, Augur Type), Beaver Falls, Pa.
Bittenbender, Geo. H., Plymouth, Pa.
Cyclone Machine Co. (Coal Only), Pittston, Pa.
Eagan, Jas. (Hand & Power), Wyoming, Pa.
Goodman Mfg. Co. (Auger Type), Halsted & 48th pl, Chicago, Ill.
Hardsocg, Martin Mfg. Co., Ltd. (Auger, etc., Coal), 922 South av, Allegheny, Pa.
Heer Machine Works (Hand), Alliance, O.
Heimann, A. & Bro., Massillon, O.
Herzler & Huminger, Belleville, Ill.
Howell's Mining Drill Co. (Hand & Power), Plymouth, Pa.
Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Huntley, J. Geo., Pittston, Pa.
Iwan Bros. (Hand & Power), Streator, Ill.
JEFFREY MFG. CO. (Hand & Power), Columbus, O.; 41 Dey, New York, & Equitable bldg, Denver, Colo. (See adv. index, end of book)
Klein-Logan Co. (Hand), Pittsburg, Pa.
Le Grand Mine Drill Works, Wilkesbarre, Pa.
Leetonia Tool Co., Leetonia, O.
Link Belt Machinery Co. (Hand & Power, Augur Type), W 39th & Stewart av, Chicago
Morgan-Gardner Electric Co., 27th & Shields av, Chicago, Ill.
Motley, Thorton N. Co. (Hand), 14 John, New
Peoria Coal Drill & Hardware Co., Peoria, Ill.

Drills (Combination Center)

Cleveland Twist Drill Co., Cleveland, O.
Slocomb, J. T. Co., 29 Oxford, Providence, R. I.

Drills (Compressed Air)

CHICAGO TOOL & SUPPLY CO., 356 Dearborn, Chicago, Ill. (See adv. index, end of book)
Clayton Air Compressor Works, 118 Liberty, New York
Compressed Air Machinery Co. ("Giant"), San Francisco, Cal.
CONTRACTORS SUPPLY & EQUIP-MENT CO., Old Colony bldg, Chicago; 170 B'way, New York, & 509 W 5th, Kansas City, Mo. (See adv. index, end of book)
Howell's Mining Drill Co., Plymouth, Pa.
INGERSOLL-SERGEANT DRILL CO., The, 26 Cortlandt, New York. Offices, Old Colony bldg, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg, St. Louis, Mo.; 1718 California, Denver, Col.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 First av, Seattle, Wash.; Corestine bldg., Montreal, Canada: Mexico City, Calle 2a de Dolores No. 20, Mexico, D. F.; London, Eng., 114a Qucen Victoria st; Paris, France, 51 Rue de la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence st; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co; Lima, Peru, W. R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv. index, end of book)
JEFFREY MFG. CO. ("Phillips"), Columbus, O., & 41 Dey, N. Y. (See adv. index, end of book)

Leyner, J. Geo. Engineering Works Co., Denver, Colo.
McKiernan Drill Co., 170 B'way, New York
RAND DRILL CO., 128 B'way, New York, & Monadnock blk, Chicago. (See adv. index, end of book)
Rix Compressed Air & Drill Co. (Also North Steel, Baby Drill), 396 Mission, San Francisco, Cal.
Rogers, J. M. Boat, Gauge & Drill Works, Gloucester City, N. J.

Drills (Core)

American Diamond Rock Drill Co. (Diamond Prospecting), 95 Liberty, New York
DAVIS CALYX DRILL CO. (Without Diamonds), 128 B'way, New York, & Monadnock bldg, Chicago, Ill. (See adv. index, end of book)
Diamond Drill & Machine Co., Birdsboro, Pa.
Ellison, Wm. & Sons Mfg. Co., 1018 N 6th, St. Louis, Mo.
Hazzard, A. B. Machinery Co. (Diamond), St. Louis, Mo.
Presler-Crawley Mfg. Co. ("Presler" Prospecting), 219 W 2d, Cincinnati, O.
RAND DRILL CO., 128 B'way, New York, & Monadnock blk, Chicago, Ill. (See adv. index, end of book)
SHAW, WILLIS, 171 Lasalle, Chicago. (See adv. index, end of book)
Standard Diamond Drill Co. ("Diamond," Capacity 350 to 6,000 ft), Monadnock bl'k, Chicago, Ill.
SULLIVAN MACHINERY CO., (Diamond), 7 Jackson boul, Chicago, Ill. (See adv. index, end of book)

Drills (Corn Planting)

American Seeding Machine Co. (With Fertilizer Attachment). Main Office, Springfield, O. Works, Louisville, Ky.; Macedon, N. Y., & Richmond, Ind.
Avery, B. F. & Sons, Louisville, Ky.
Bement's, E. Sons, Lansing, Mich.
Bradley, David Mfg. Co., Bradley, Ill.
Deere & Mansur Co., Moline, Ill.
Emerson Mfg. Co., Rockford, Ill.
Empire Drill Co., Shortsville, N. Y.
Evans, A. C. Mfg. Co., Springfield, O.
Gale Mfg. Co., Albion, Mich.
Hapgood Plow Co., Alton, Ill.
Hoosier Drill Co., Richmond, Ind.
Keystone Mfg. Co., Sterling, Ill.
King Drill Co., Logansport, Ind.
McSherry Mfg. Co., Middletown, O.
Mast, P. P. & Co., Springfield, O.
Moline Plow Co., Moline, Ill.
Ohio Rake Co., Dayton, O.
Parlin & Orendorff Co., Canton, Ill.
Pekin Plow Co., Pekin, Ill.
Rock Island Plow Co., Rock Island, Ill.
Rude Bros. Mfg. Co. (With Fertilizer Attachment), Liberty, Ind.
St. Joseph Plow Co., St. Joseph, Mo.
Stoddard Mfg. Co., Dayton, O.
WHITMAN & BARNES MFG. CO. ("Diamond" Corn & Seed), West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)

Drills (Cotter)

Niles-Bement-Pond Co., 136 Liberty, New York
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.

Drills (Cotton Planting)

Avery, B. F. & Sons, Louisville, Ky.
Deere & Mansur Co. ("Zigzag Deer Lever," "Ajax Scotch"), Moline, Ill.
Moline Plow Co., Moline, Ill.

Drills (Diamond Core)

(See Drills, Core.)

Drills (Disc, Grain)

American Seeding Machine Co. Main Office, Springfield, O. Works, Louisville, Ky.; Macedon, N. Y., & Richmond, Ind.
Hoosier Drill Co., Richmond, Ind.
Mast, P. P. & Co., Springfield, O.
McSherry Mfg. Co., Middletown, O.
Rock Island Plow Co. (Comb Disc Drill & Harrow), Rock Island, Ill.
Stoddard Mfg. Co., Dayton, O.
Van Brunt Mfg. Co., Horicon, Wis.

Drills (Electric)

(See also Drills,, Rock, Steam)

Burton Electric Smelting Co. (for Small Work), 185 Sumner, Boston
Clark, Jas., Jr., & Co., Louisville, Ky.
Denver Engineering Works Co. ("Box" No Flexible Shaft), Denver, Colo.
Emerson Electric Mfg. Co. (Motor Driven), St. Louis, Mo.
Goodman Mfg. Co., Halsted & 48th pl, Chicago, Ill.
Hercules Electric Drill Co., 32 B'way, N. Y.
Howell's Mining Drill Co., Plymouth, Pa.
JEFFREY MFG. CO., Columbus, O.; 41 Dey, New York, & Equitable bldg, Denver, Colo. (See adv. index, end of book)
Morgan-Gardner Electric Co., 2632 Shields av, Chicago, Ill.
Niles-Bement-Pond Co., 136 Liberty, New York. Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Stow Mfg. Co., Binghamton, N. Y.

Drills (Electric Portable)

Hisey-Wolf Machine Co., Cincinnati, O.
SPRAGUE ELECTRIC CO., 527 W 34th, New York. (See adv. index, end of book)
Stow Flexible Shaft Co., 26th & Callowhill, Phila., Pa.

Drills (Electric Rock)

Deitz Drill & Machinery Co., 1606 Blake, Denver, Colo.
Gardner Elec. Drill & Machinery Co., Cleveland, O., & 1515 Blake, Denver, Colo.
General Electric Co., Schenectady, N. Y.
Hercules Electric Drill Co., 32 B'way, N. Y.
Marvin Electric Drill Co., Binghamton, N. Y.
Mine & Smelter Supply Co. ("Durkee"), Denver, Colo.
Western Electric Drill Co. ("Durkee"), Butte, Mont.

Drills (Electricians)

(See Drills & Bits, Electricians)

Drills (Fertilizer)

Allen, S. L. & Co., Philadelphia, Pa.
American Seeding Machine Co. (Grain). Main Office, Springfield, O. Works, Louisville, Ky.; Macedon, N. Y., & Richmond, Ind.
Bateman Mfg. Co., Grenloch, N. J.
Bickford & Huffman Co., Macedon, N. Y.
Hench, Dromgold & Co., York, Pa.
Mast, P. P. & Co., Springfield, O.
Rude Bros. Mfg. Co., Liberty, Ind.

Drills (Flat)

(See Drills, Ratchet, Flat & Pipe.)

Drills (Flexible Shaft)

Chicago Flexible Shaft Co., La Salle av & Ontario, Chicago, Ill.
Gem Mfg. Co. ("Gem" Electric), Pittsburg, Pa.
Stow Flexible Shaft Co., N 26th & Buttonwood, Phila., Pa.
Stow Mfg. Co., Binghamton, N. Y.

Drills (Fluted)

Cleveland Twist Drill Co., Cleveland, O.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)
Wiley & Russell Mfg. Co., Greenfield, Mass.

Drills (Gang)

Barnes, B. F. Co., Rockford, Ill.
Barnes, W. F. & Jno. Co., Rockford, Ill.
Cross & Speirs Machine Co., Waterbury, Conn.
Fitchburg Machine Works, Fitchburg, Mass.
Foote, Burt & Co., 1307 St. Clair, Cleveland, Ohio
Hoefer Mfg. Co., Freeport, Ill.
Moline Tool Co., Moline, Ill.
Pratt & Whitney Co., Hartford, Conn.
Prentice Bros. Co., Worcester, Mass.
Snyder, J. E., Worcester, Mass.

Drills (Garden Seed)

Avery, B. F. & Sons, Louisville, Ky.
Bickford & Huffman Co., Macedon, N. Y.
Mead, E. G., Phelps, N. Y.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)

Drills (Geometric)

Geometric Drill Co., New Haven, Conn.

Drills (Grain)

American Seeding Machine Co. (Hoe, Shoe, Disc, Also Low Down Press), Springfield, O. Works, Macedon, N. Y.; Louisville, Ky., & Richmond, Ind.
Beckwith & Lee, Dowagiac, Mich.
Champion Wagon Co., Owego, N. Y.
Crown Mfg. Co., Phelps, N. Y.
Dowagiac Mfg. Co., Dowagiac, Mich.
Empire Drill Co., Shortsville, N. Y.
Empire Drill Co., Jackson, Mich.
Farquhar, A. B. Co. (Force, Feed, Grain, Grass & Phosphate), York, Pa.
Fuller Mfg. Co. (Disc, Shoe & Hoe), E Moline, Ill.
Fuller & Johnson Mfg. Co., Madison, Wis.
Grant, Ferris Co., Troy, N. Y.
Gundlach, Philip M., Belleville, Ill.
Haworth & Sons Mfg. Co., Decatur, Ill.
Hench, Dromgold & Co., York, Pa.
Hocking Valley Mfg. Co., Lancaster, O.
Hoosier Drill Co., Richmond, Ind.
Janesville Machine Co., Janesville, Wis.
King Drill Co., Logansport, Ind.
King Drill Co., Nebraska City, Nebr.
McSherry Mfg. Co., Middletown, O.
Mast, P. P. & Co. (Hoe, Shoe & Disc, Steel Frame, Combined Grain & Fertilizer), Springfield, O.
Messinger Mfg. Co. (With Grass Seeder), Tatamy, Pa.
Monitor Mfg. Co. (Monitor Double Disc), Minneapolis, Minn.
Rowell, J. S. Mfg. Co., Beaver Dam, Wis.
Rude Bros. Mfg. Co. (Hoe, Shoe & Disc), Liberty, Ind.
Selby, Starr & Co., Peoria, Ill.
Spangler Mfg. Co., York, Pa.
Spring Grain Drill Mfg. Co., Peru, Ind.
Stoddard Mfg. Co. (Disc Press, Runner & Hoe), Dayton, O.
Sucker State Drill Co., Belleville, Ill.
Thomas Mfg. Co., Springfield, O.
Van Brunt Mfg. Co., Horicon, Wis.
Whitman Agricultural Co., 6900 S B'way, St. Louis, Mo.

Drills (Hand Power)

Armstrong-Duff Machine Co. (J. R. Duff's Hand Drillers for Erecting Engineers, Valve Re-Seating, etc.), 439 N Broad, Phila., Pa.
Buffalo Forge Co., Buffalo, N. Y., & 29 Cortlandt, N. Y.
Champion Blower & Forge Co., Lancaster, Pa.
Chicago Flexible Shaft Co., La Salle av. & Ontario, Chicago, Ill.

DALLETT, THOS. H. CO. (Electric Duplex), York & Sedgley av, Phila., Pa. (See adv. index, end of book)
Duff Machine Co., 8 Western av, Lowell, Mass.
Foos Mfg. Co., Springfield, O.
Fray, Jno. S. & Co. (Malleable Iron Frame), Bridgeport, Conn.
Goodell-Pratt Co. (Double Geared, etc.), Greenfield, Mass.
Howell's Mining Drill Co. (Coal & Rock), Plymouth, Pa.
Hunter, Jas. Machine Co., North Adams, Mass., & 70 Kilby, Boston, Mass.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Jones, E. D. & Sons Co. (For Metal), Pittsfield, Mass.
Millers Falls Co., Millers Falls, Mass. & 28 Warren, N. Y.
Morse Twist Drill & Machine Co., New Bedford, Mass.
North Bros. Mfg. Co. ("Yankee," Automatic & Reciprocating, for Carpenters, etc.), cor American & Lehigh av, Phila., Pa.
Olsen, Tinius & Co., 500 N 12th, Phila., Pa.
Prentice Bros. Co., Worcester, Mass.
Reed Francis Co., Worcester, Mass.
Rutschmann, Oscar F., 426 Berks, Phila., Pa.
Standard Railway Equipment Co., 210 Vine, St. Louis, Mo.
Stow Flexible Shaft Co. (Electric), N 26th & Callowhill, Phila., Pa.
Stow Mfg. Co., Binghampton, N. Y.
Tinius-Olsen & Co., 500 N 12th, Phila., Pa.
Tower & Lyon Co., 95 Chambers, N. Y.
Upton & Gillman (With Screw Feed & Chain Attachment), Lowell, Mass.

Drills (Hollow)

Cleveland Twist Drill Co., Cleveland, O.
Morse Twst Drill & Machine Co., New Bedford, Mass.
National Twist Drill & Tool Co. ("National," Hollow Mill), Detroit, Mich.

Drills (Hollow & Jamper Brick)

Dicke Tool Co., Downers Grove, Ill.
Pollard, Jos. G. (to drill holes in brick for expansion bolts), 141 Raymond, Brooklyn, N. Y.

Drills (Marble & Granite)

ANDERSON, W. H. & SONS, Dertoit, Mich. (See adv. index, end of book)
Lincoln Iron Works, Rutland Vt.
Patch. F. R. Mfg. Co., Rutland, Vt.

Drills (Mine Ratchet)

Bittenbender, Geo. H., Plymouth, Pa.
Nixon-Ratchet Mining Drill Co., Chattanooga, Tenn.

Drills (Multiple Spindle)

Ajax Mfg. Co., Cleveland, O.
American Tool Works Co., Cincinnati, O.
Andrew, M. L. & Co., 118 W 2d, Cincinnati, O.
Barnes, B. F. Co, Rockford, Ill.
Barnes, W. F. & Jno. Co., Rockford, Ill.
Barr, Henry G. & Co., Worcester, Mass.
Baush Machine Tool Co., Springfield, Mass.
Bickford Drill & Tool Co., Front & Pike, Cincinnati, O.
Clark, Jas. Jr. & Co. ("Willey." Three Spindle Electrically Driven), 313 W Main, Louisville, Ky.
Dwight Slate Machine Co., Hartford, Conn.
Foote, Burt & Co., 1307 St. Clair, Cleveland, Ohio
Fenn-Sadler Machine Co. (Four Spindle Adjustable), Hartford, Conn.
FOX MACHINE CO., 127 N Front, Grand Rapids, Mich. (See adv. index, end of book)
Garvin Machine Co., 137 Varick, New York
Gould & Eberhardt (Multiple Drill Presses), 95 N. J. R. R. av, Newark, N. J.
Harrington, E. Son & Co., 1515 Penna. av., Hoefer Mfg. Co., Freeport, Ill. Phila., Pa.
Lucas Machine Tool Co., Cleveland, O.
National Automatic Tool Co. (Two Nutting Full Automatic Universal Drill Press), Dayton, Ohio
Newton Machine Tool Works, 2343 Vine, Phila., Pa.
Niles-Bement-Pond Co., Main office, 136 Liberty, N. Y. Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Norton & Jones Machine Tool Works, Plainville, Conn.
Pratt & Whitney Co., Hartford, Conn.
Prentice Bros. Co., Worcester, Mass.
Reed Francis Co., Worcester, Mass.
Sellers, Wm. & Co. (Inc.) (For Boiler & Plate Work), 1600 Hamilton, Phila., Pa.
Sigourney Tool Co., Hartford, Conn.
SHUSTER, F. B. CO., New Haven, Conn. (See adv. index, end of book)
Williams, White & Co., Moline, Ill.
Woodward & Rogers Co., Hartford, Conn.

Drills (Piston Air)

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill., & 95 Liberty, New York. (See adv. index, end of book)
INGERSOLL-SERGEANT DRILL CO., The ("Haeseler's" Pneumatic), 26 Cortlandt, New York. Offices, Old Colony bldg, Chicago. Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 1st av, Seattle, Wash.; Corestine bldg, Montreal, Can.; Mexico City, Calle 2a de Dolores No. 20 Mexico, D. F.; London, Eng., 114a Queen Victoria st; Paris, France, 51 Rue de la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence st; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co.; Lima, Peru, W. R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv. index, end of book)
RAND DRILL CO. ("Imperial" for Drilling, Reaming, Tapping, Wood Boring & Flue Rolling), 128 B'way, New York, & Monadnock blk, Chicago, Ill. (See adv. index, end of book)

Drills (Pneumatic)

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill., & 95 Liberty, New York. (See adv. index, end of book)
CHICAGO TOOL & SUPPLY CO., 356 Dearborn, Chicago, Ill. (See adv. index, end of book)
Cleveland Pneumatic Tool Co. (Piston Air), Cleveland, O.
Columbus Pneumatic Tool Co., Columbus, O.
DALLETT, THOS. H. CO., York & Sedgley av, Phila., Pa. (See adv. index, end of book)
Empire Engine & Motor Co. (Breast), Orangeburg, N. Y.
Hardscog Wonder Drill Co., Ottumwa, Ia.
HELWIG MFG. CO. (Reversible), St. Paul, Minn. (See adv. index, end of book)
INGERSOLL-SERGEANT DRILL CO., The ("Haeseler's"), 26 Cortlandt, New York. Old Colony bldg, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 1st av, Seattle, Wash.; Corestine bldg, Montreal, Can.; Mexico City, Calle 2a de Dolores No. 20, Mexico, D. F.; London, Eng., 114a Queen Victoria st; Paris, France, 51 Rue de la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence st; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co.; Lima, Peru, W. R. Grace & Co.; St Petersburg, Russia, Troitzkaya 19. (See adv. index, end of book)
KOTTEN, H. G., 120 Liberty, New York. (See adv. index, end of book)
PHILADELPHIA PNEUMATIC TOOL CO. ("Keller" Rotary), 21st & Allegheny av, Phila., Pa.; Marquette bldg, Chicago: Farmers' Bank bldg, Pittsburg, Pa.; 150 Beale, San Francisco, Cal., & 149 B'way. New York. (See adv. index, end of book)
Port Huron Air Tool Co. (Ltd.), Port Huron, Mich.
Railway Appliances Co., Old Colony bldg, Chicago, Ill.
Shaw, C. H. Pneumatic Tool Co., Denver, Colo.
Standard Railway Equipment Co., National Bank of Commerce bldg, St. Louis, Mo.
Wood, Warren, Paterson, N. J.

Drills (Pneumatic Rock)

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill., & 95 Liberty, New York. (See adv. index, end of book)
CHICAGO TOOL & SUPPLY CO., 356 Dearborn, Chicago, Ill. (See adv. index, end of book)
INGERSOLL-SERGEANT DRILL CO., The ("Haeseler's"), 26 Cortlandt, New York. Old Colony bldg, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 1st av, Seattle, Wash.; Corestine bldg, Montreal, Can.; Mexico City, Calle 2a de Dolores No. 20, Mexico, D. F.; London, Eng., 114a Queen Victoria st; Paris, France, 51 Rue de la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence st; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co.; Lima, Peru, W. R. Grace & Co.; St Petersburg, Russia, Troitzkaya 19. (See adv. index, end of book)
Keystone Drill Co., Franklin. Pa.
Leyner, J Geo. Engneering Works Co. ("Leyner"), Denver, Colo.
SULLIVAN MACHINERY CO. (Dia-mond Core), 7 Jackson boul, Chicago, Ill. (See adv. index, end of book)

Drills (Portable)

(See also Drills, Hand.)

Bickford Drill & Tool Co., Front & Pike, Cincinnati, O.
Chicago Flexible Shaft Co., La Salle av & Ontario, Chicago, Ill.
DALLETT, THOS. H. CO. (Electric Duplex), York & Sedgley av, Phila., Pa. (See adv. index, end of book)
Gem Mfg. Co. ("Gem" Flexible Shaft), Pittsburg, Pa.
Harrington, E. Son & Co., 1515 Penna., Phila., Pa.
Nazel Machine Tool Works, 1042 Ridge av, Phila., Pa.
Newton Machine Tool Works (Electrically Driven), 2343 Vine, Phila., Pa.
Niles-Bement-Pond Co., 136 Liberty, New York. Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Reed Francis Co., Worcester, Mass.
Snyder, J. E., Worcester, Mass.
Stow Mfg. Co., Binghamton, N. Y.
STRONG, CARLISLE & HAMMOND CO. (The Berlin), Cleveland, O. (See adv. index, end of book)

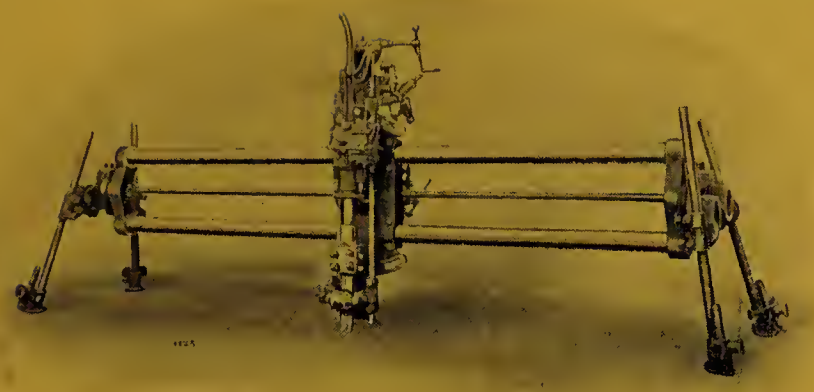
Drills (Post)

Box, Alfred & Co. ("Radical"), 813 N Front, Phila., Pa.
Boynton & Plummer, Worcester, Mass.
Gould & Eberhardt (Post Drill Presses), Newark, N. J.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Harrington, Edwin Son & Co., 1515 Penn av, Phila., Pa.
Silver Mfg. Co. (Hand or Belt), Salem, O.

Drills (Prospecting, Hand or Power)

Diamond Drill & Machine Co., Birdsboro, Pa.
Presler-Crawley Mfg. Co., 219 W 2d, Cincinnati, O.
SULLIVAN MACHINERY CO. (Dia-mond Core), 7 Jackson boul, Chicago, Ill. (See adv. index, end of book)

INGERSOLL-SERGEANT
ROCK DRILLS and CHANNELERS
FOR ROCK EXCAVATION.



"Broncho" Channeler.

AIR COMPRESSORS,
COAL CUTTERS,
TRACK AND
"BRONCHO"
CHANNELERS,
GADDERS,
POHLÉ AIR LIFT,
PNEUMATIC TOOLS.



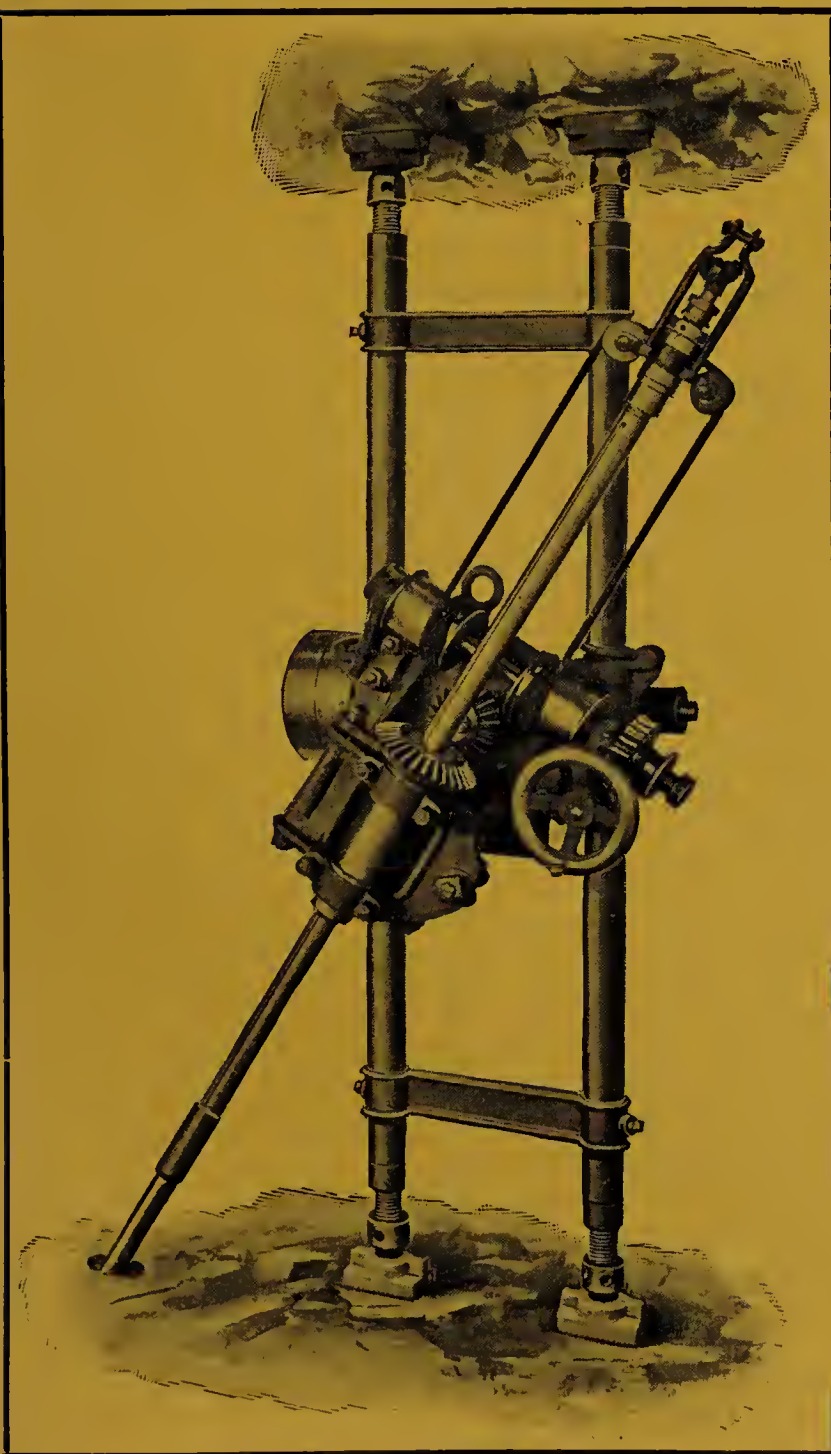
Rock Drill.

THE INGERSOLL-SERGEANT DRILL CO.

CLEVELAND, O.
CHICAGO, ILL.
ST. LOUIS, MO.

26 CORTLANDT ST.,
NEW YORK.

BOSTON, MASS.
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"The Calyx Diamondless Process"

¶ Our Cone Drill can penetrate the hardest or softest formation on the earth's crust—absolutely and positively.

¶ The cheapest and most economical method of extracting cores known to science.

¶ Invaluable for prospecting and testing bridge and pier foundation.

DAVIS-CALYX DRILL CO.

128 BROADWAY, N. Y.

Do you want to take out Cores at 75c. or at 3c. per foot?

ALL AGREEMENTS MADE CONTINGENT UPON STRIKES, FIRES, ACCIDENTS OR CAUSES BEYOND OUR CONTROL, AND SUBJECT TO THE APPROVAL OF AN OFFICER OF THE COMPANY.
QUOTATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

JASPER R. RAND, PRES'T. GEO. H. SAMPSON, VICE-PRES'T. FRED. A. BRAINERD, SEC'Y & TREAS.

RAND DRILL COMPANY,

ROCK DRILLS, AIR COMPRESSORS AND GENERAL MINING MACHINERY.

CABLE ADDRESS:
AGEBISHOP, N.Y.

128 BROADWAY,
(CORNER CEDAR ST.)

CODES USED
RAND DRILL CO. * F. & C
A.B.C. * A.I. * LIEBER

"IMPERIAL" PNEUMATIC TOOLS.

NEW YORK. November 22, 1904.

C

Hendricks Commercial Register,

76 Elm St., New York.

Gentlemen:-

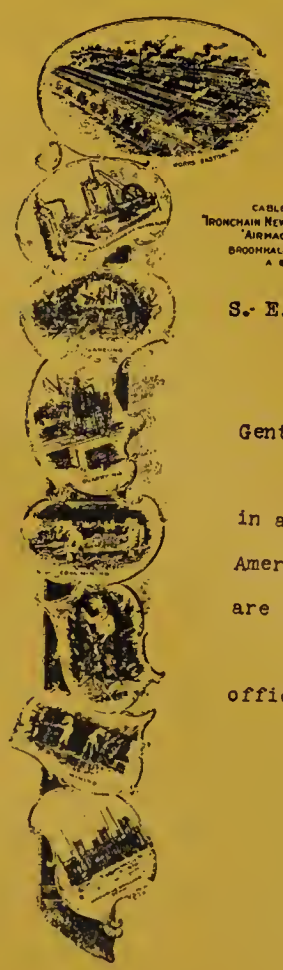
We wish to thank you for your letter of the 21st, accompanied by copy of letter you sent us, dated Nov. 10th in reference to people in the market for our line of goods, and sent in accordance with our request.

Yours truly,

RAND DRILL COMPANY

QUOTATIONS SUBJECT TO CHANGE WITHOUT NOTICE. ALL AGREEMENTS CONTINGENT UPON STRIKES ACCIDENTS AND OTHER CONDITIONS BEYOND OUR CONTROL.
ALL CONTRACTS ARE SUBJECT TO APPROVAL BY AN EXECUTIVE OFFICER OF THE COMPANY

W. R. GRACE, PRESIDENT
JOHN A. McCALL, } VICE PRESIDENTS
W. L. SAUNDERS, }
J. P. GRACE,
GEORGE COUDLEDAY, TREASURER
W. HORACE JR. SECRETARY
GEO. R. ELDER, MGR. MY'S DEPT.



The Ingersoll-Sergeant Drill Co.

AIR COMPRESSORS,
ROCK DRILLS. COAL CUTTERS.
STONE CHANNELING MACHINES.
COMPLETE MINING, TUNNELING AND QUARRYING PLANTS
HAESELER-INGERSOLL "AXIAL VALVE" HAMMERS AND PNEUMATIC TOOLS.

CABLE ADDRESS.
"IRONCHAIN NEW YORK." "ERYAM LONDON"
"AIRMACHINE BERLIN."
BROOMHALL'S, LIEBERS AND
A B C CODES

HAVEMEYER BUILDING, 26 CORTLANDT ST.

OFFICES
OLD COLONY BUILDING, CHICAGO
WILLIAMSON BUILDING, CLEVELAND O
77 OLIVER STREET, BOSTON, MASS
FULLERTON BUILDING, ST LOUIS MO
CALLE 2ª DE DOLORES Nº 20, MEXICO DF
114 QUEEN VICTORIA STREET, LONDON E.C.
PO BOX 1809, JOHANNESBURG, SO AFRICA
PO BOX 152, KALGOORLIE W AUSTRALIA
299 ST JAMES ST, MONTREAL, CANADA
21-23 FREMONT ST, SAN FRANCISCO, CAL
1718-1724 CALIFORNIA STREET, DENVER, COLO
226 SOUTH WEST TEMPLE, SALT LAKE CITY, UTAH
300-302 MAIN STREET, BUTTE, MONT
4TH AND WACOUTA STS, ST PAUL, MINN
308 FIRST AVE. SOUTH, SEATTLE, WASH
KAISER WILHELM STRASSE 2, BERLIN, GERMANY
413 ARCADE BUILDING, PHILADELPHIA PA
PARK BUILDING, PITTSBURGH PA

New York, Nov. 15, 1904.

S. E. Hendricks Co.,

76 Elm Street,

New York City.

Gentlemen:-

We have again to acknowledge your kindness in advising us under date of the 14th inst., that the American Bar-Lock Company, Land Title Bldg., Philadelphia, are in the market for air compressors.

We are gladly referring this to our Philadelphia office and consequently hope that some business may result.

Again thanking you in this connection, we are,

Yours very truly,

THE INGERSOLL-SERGEANT DRILL CO.

Drills (Radial)

American Tool Works Co., 6th & Eggleston av., Cincinnati, O.
Aurora Tool Works, Aurora, Ind.
Baush Machine Tool Co., Springfield, Mass.
Bickford Drill & Tool Co., c Front & Pike. Cincinnati, O.
Box, Alfred & Co. (Radical Gang & Radical Post), 813 N Front, Phila., Pa.
Clark, Jas. Jr. & Co. ("Willey," Semi-Radical Electrically Driven), 313 W Main, Louisville, Ky.
Cleveland Punch & Shear Works Co. (Horizontal Swinging), 156 Case av., Cleveland, O.
Detrick & Harvey Machine Co., Baltimore, Md.
Dreses Machine Tool Co., Cincinnati, O.
Fish, H. C. Machine Works Co., Worcester, Mass.
Fosdick Machine Tool Co., Cincinnati, O.
Gang, William E. Co., 1543 Queen City av., Cincinnati, O.
Hamilton Machine Tool Co. (76 to 120-inch), Hamilton, O.
Harrington, E. Son & Co., 1515 Penna. av., Phila., Pa.
Kane & Roach, Niagara & Shonnard, Syracuse, N. Y.
Mueller Machine Tool Co., Cincinnati, O.
Niles-Bement-Pond Co. Main office, 136 Liberty, N. Y. Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Optenberg & Sonneman, Sheboygan, Wis.
Prentice Bros. Co. (Universal), Worcester, Mass.
Putnam Machine Co., Fitchburg, Mass.
Roos & Mill, Cincinnati, O.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.
Stortz, Jno. & Son (Flat & Pipe), 210 Vine Phila., Pa.
STRONG, CARLISLE & HAMMOND Co., 61 Frankfort, Cleveland, O. (See adv. index, end of book)
Whiting, Geo. Co., 428 N Halstead, Chicago, Ill.

Drills (Railway Track)

BUDA FOUNDRY & MFG. CO. ("Paulus" Automatic Feed; "Buda" Heavy Base & "Wilson" for Light Work, etc.), Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
DALLETT, THOS. H. CO. (Electric Duplex), York & Sedgley av, Phila., Pa. (See adv. index, end of book)
FAIRBANKS, MORSE & CO. ("Eclipse," Self-Feeding), Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City; 234 E 3d St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Lberty, New York; 126 Southwark, S E, London, Eng. (See adv. index, end of book)
Flather, Mark Planer Co. (Three Spindle), Nashua, N. H.
Handlan-Buck Mfg. Co. (Self-feeding, "Waterman," "Paulus," "Beland," "Underwood," "Champion," "Noble," & "Union Pacific"), 212 N 3d, St. Louis, Mo.
Industrial Works, Bay City, Mich.
Johnson, Isaac G. & Co., ("Victor"). Spuyten Duyvil, N. Y.
Kalamazoo Railway Supply Co., Kalamazoo. Mich.
Lovejoy, T. H. (The "Beland"), 90 Ohio, Chicago, Ill.
Michigan Mfg. Co., (the Sweet). Ypsilanti, Mich.
Millers Malls Co., Millers Falls, Mass., & 28 Warren, N. Y.
Pettibone, Mulliken & Co. ("Ball," "Union" & "Perfection"), 204 Dearborn, Chicago, Ill.
Pratt & Whitney Co. ("Renshaw"), Hartford, Conn.
Railway Appliances Co. ("Q & C"), Old Colony bldg, Chicago, Ill.
Reed Francis Co., Worcester, Mass.
Schuttler Ratchet Drill Co., 242 W Lake, Chicago
Sellers, Wm. & Co. (Inc.) (Spindle Vertical), 1600 Hamilton, Phila., Pa.
Stow Flexible Shaft Co., N 26th & Buttonwood, Phila., Pa.
Stow Mfg. Co., Binghamton, N. Y.
Vicksburg Mfg. Co., Vicksburg, Mich.
Walworth Mfg. Co. ("Smith"), 132 Federal, Boston, Mass.

Drills (Ratchet, Flat & Pipe)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Armstrong Bros. Tool Co. ("Williams"), 617 Austin av, Chicago, Ill.
Atha Tool Co., Newark, N. J.
ASHCROFT MFG. CO., The, 85, 87 & 89 Liberty, New York; 22, 24 & 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.
Billings & Spencer Co. ("Packer"), Hartford, Conn.
Brewer Bros., Phila., Pa.
Curtis & Curtis Co., Bridgeport, Conn.
Hunter, Jas. Machine Co., North Adams, Mass., & 70 Kilby, Boston, Mass.
Johnson, Wm., 249 Plane, Newark, N. J.
Keystone Mfg. Co. ("Monarch" & "Keystone"), 41 Chandler, Buffalo, N. Y.
Millers Falls Co., Millers Falls, Mass., & 28 Warren, New York City
Morse Twist Drill & Machine Co., New Bedford, Mass.
New Process Twist Drill Co., Taunton, Mass.
Parker, Chas., Co., Meriden, Conn.
Peck, Stow & Wilcox Co., Southington, Conn., & 27 Murray, New York
Pratt & Whitney Co. ("Renshaw"), Hartford, Conn.
Schuttler Ratchet Drill Co., 242 W Lake, Chicago
Waterbury Tool Co., Waterbury, Conn.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, N. Y. (See adv. index, end of book)

Drills, Reamers & Taps (Combined)

Mueller, H. Mfg. Co., Decatur, Ill.

Drills (Rice Planting)

American Seding Machine Co. Main Office, Springfield, O. Works, Louisville, Ky.; Macedon, N. Y., & Richmond, Ind.

Drills (Rock, Hand)

Crippen, H. D. (The "Jackson"), 25 Broad, New York
Hasenzahl, Wm., 315 E 2d, Cincinnati, O.
Keyte, H. L. (The Elmore Hand), Merlin, Ore.
Motley, Thornton N. Co. (Jackson), 14 John, New York
Rice, John V. Jr. & Co. (Gasoline), Bordentown, N. J.

Drills (Rock, Steam)

(See also Drills, Electric, Rock.)

Acme Road Machinery Co., Frankfort, N. Y.
Allis-Chalmers Co., Home Ins. bldg, Chicago, Ill., & Milwaukee, Wis.
Belleville Pump & Steam Works (For Coal Mining), Belleville, Ill.
Borton & Tierney Co. (mfrs. agts.), Stephen Girard bldg, Phila., Pa.
Compressed Air Machinery Co. ("Giant" Compressed Air), San Francisco, Cal.
CONTRACTORS SUPPLY & EQUIP-MENT CO., Old Colony bldg, Chicago, Ill.; 170 B'way, New York, & 509 W 5th, Kansas City, Mo. (See adv. index, end of book)
Howell's Mining Drill Co. (Hand & Air), Plymouth, Pa.
INGERSOLL-SERGEANT DRILL CO., The, 26 Cortlandt, New York. Offices, Old Colony bldg, Chicago; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 234 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 1st av, Seattle, Wash.; Corestine bldg, Montreal, Can.; Mexico City, Calle 2a de Dolores, No. 20 Mexico, D. F.; London, Eng., 114a Queen Victoria st; Paris, France, 51 Rue de la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence st; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co.; Lima, Peru, W. R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv. index, end of book)
JEFFREY MFG. CO. ("Phillips"), Columbus, O.; 41 Dey, New York, & Equitable bldg, Denver, Colo. (See adv. index. end of book)
Le Grand Mine Drill Works, (Coal & Rock Mine), Wilkesbarre, Pa.
McDougall & Potter Co. ("Murphy's"), 606 W 55th, New York
McKiernan Drill Co., 170 B'way, New York
Marvin Electric Drill Co. (Electric), Binghamton, N. Y.
Motley, Wm. W. ("Jackson" Hand Power), 66 Broad, New York
RAND DRILL CO., 128 B'way, New York, & Monadnock bdg, Chicago, Ill. (See adv. index, end of book)
Rogers, Jno. M., Boat, Gauge & Drill Works, Gloucester City, N. J.
SHAW, WILLIS, 171 Lasalle, Chi-cago, Ill. (See adv. index. end of book)
SULLIVAN MACHINERY CO., 7 Jack-son boul, Chicago, Ill. (See adv. index, end of book)
Union Iron Works, 222 Market, San Francisco, Cal.

Drills (Rotary)

Cleveland Pneumatic Tool Co. ("Cleveland", Rotary Brest), Cleveland, O.
INGERSOLL-SERGEANT DRILL CO., The ("Haeseler's" Pneumatic), 26 Cortlandt, New York. Offices, Old Colony bldg, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg. Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 1st av, Seattle, Wash.; Corestine bldg, Montreal, Can.; Mexico City, Calle 2a de Dolores No. 20 Mexico, D. F.; London, Eng., 114a Queen Victoria st; Paris, France, 51 Rue de la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence st; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co.; Lima, Peru, W. R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv. index, end of book)
PHILADELPHIA PNEUMATIC TOOL CO. ("Keller"), 21st & Allegheny av, Phila., Pa.; Farmers' B'k bldg, Pittsburg, Pa.; Marquette bldg, Chicago; 150 Beale, San Francisco, Cal., & 149 B'way, New York. (See adv. index, end of book)

Drills (Sensitive)

American Tool Works Co., 6th & Eggleston av, Cincinnati, O.; 120 B'way, New York, & Frick bldg, Pittsburg, Pa.
Barnes, B. F. Co., Rockford, Ill.
Barnes, W. F. & Jno. Co., Rockford, Ill.
Barr, H. G. & Co., Worcester, Mass.
Buescher Mfg. Co., Elkhart, Ind.
Chapin-Stephens Co., 80 Chambers, New York
Clark, Jas. Jr. & Co. ("Willey," Electrically Driven), 313 W Main, Louisville, Ky.
Clough, R. M. (Drill Presses), Tolland, Conn.
Dwight Slate Machine Co., Hartford, Conn.
Foote, Burt & Co., 1307 St. Clair, Cleveland, Ohio

FOX MACHINE CO., 127 N Front, Grand Rapids, Mich. (See adv. index, end of book)
Gardam, Wm. & Son, 45 Rose, N. Y.
Garvin Machine Co., 137 Varick, N. Y.
Hamilton Machine Tool Co., Hamilton, O.
Hardinge Bros., 1036 Lincoln av, Chicago, Ill.
Harrington, E. Son & Co., 1515 Penna. av., Phila., Pa.
Helmold, J. F. & Bro., 32 S Jefferson, Chicago
Knecht Bros. Co. (Friction), 2442 Beekman, Cincinnati, O.
Langelier Mfg. Co., Providence, R. I.
Lord Bros. Mfg. Co., Tilton, N. H.
Niles-Bement-Pond Co., Main Office, 136 Liberty, N. Y. Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Norton & Jones Machine Tool Works, Plainville, Conn.
Oliver, W. W. Mfg. Co. (Jewelers, Etc.), 1483 Niagara, Buffalo, N. Y.
Pratt & Whitney Co., Hartford, Conn.
Reed Francis Co., Worcester, Mass.
Rhoades Mfg. Co. (Sensitive Drill Press), Columbus, O.
St. Louis Machine Tool Co., 1114 S 8th, St. Louis
Schumacher & Boye, Queen City av & Buck, Cincinnati, O.
Sibley Machine Tool Co., South Bend, Ind.
Washburn Shops of the Polytechnic Institute, Worcester, Mass.

Drills (Slate)

Ruggles Machine Co., Poultney, Vt.

Drills (Star)

Braunsdorf-Muller Co., Elizabeth, N. J.
Brewer Bros., Phila., Pa.
STEWARD & ROMAINE MFG. CO., 124 N 6th, Philadelphia, Pa. (See adv. index, end of book)
Stortz, Jno. & Son (Stone), 210 Vine, Phila., Pa.

Drills (Steel & Wood, Post)

Pittsburg Tool & Drop Forge Co. ("Cheswick"), Arnott bldg, Pittsburg, Pa. Works, Cheswick, Pa.

Drills (Submarine)

THE INGERSOLL-SERGEANT DRILL CO. ("Haeseler's" Pneumatic), 26 Cortlandt, New York. Offices, Old Colony bldg, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 1st av, Seattle, Wash.; Corestine bldg, Montreal, Can.; Mexico City, Calle 2a de Dolores No. 20 Mexico, D. F.; London, Eng., 114a Queen Victoria st; Paris, France, 51 Rue de la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence st; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co.; Lima, Peru, W. R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv. index, end of book)

Drills (Suspension)

Baush Machine Tool Co., Springfield, Mass.
Bickford Drill & Tool Co., c Front & Pike, Cincinnati, O.
Cleveland Punch & Shear Works Co., 156 Case av., Cleveland, O.
New Haven Mfg. Co., New Haven, Conn.
Niles-Bement-Pond Co., Main Office, 136 Liberty, N. Y. Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Prentice Bros. Co., Worcester, Mass.
Stow Flexible Shaft Co., N. 26th & Buttonwood, Phila., Pa.

Drills (Swing)

Gould & Eberhardt (Combined Wheel & Lever Feed, Stationery Head), Newark, N. J.
Silver Mfg. Co. (20 inch), Salem, O.

Drills (Tap)

Detroit Twist Drill Co., Detroit, Mich.
Morse Twist Drill & Machine Co., New Bedford, Mass.
New Process Twist Drill Co. (Hot Forged), Taunton, Mass.
Putnam Machine Co., Fitchburg, Mass.
Standard Tool Co., 1260 Central av, Cleveland, Ohio
Winter Bros. Co., Wrentham, Mass.

Drills (Track)

(See Drills, Railway Track.)

Drills (Traveling)

Bickford Drill & Tool Co., c Front & Pike, Cincinnati, O.

Drills (Traverse)

Blaisdell, P. & Co., Worcester, Mass.
Fitchburg Machine Works, Fitchburg, Mass.
Pratt & Whitney Co. (Double Head), Hartford, Conn.
Putnam Machine Co., Fitchburg, Mass.

Drills (Turret)

National Separator & Mfg. Co. (Turrett Drill Presses), Manchester, N. H.
Niles-Bement-Pond Co., 136 Liberty, New York. Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Quint, A. D., Hartford, Conn.

Drills (Twist)

Cleveland Twist Drill Co., Cleveland, O.
Detroit Twist Drill Co. ("Graham"), Detroit, Mich.
Etna Mfg. Co., 253 B'way, New York
Morse Twist Drill & Machine Co., New Bedford, Mass.
National Twist Drill & Tool Co. ("National"), Detroit, Mich.
New Process Twist Drill Co. (Hot Forged), Taunton, Mass.
Standard Tool Co., 1260 Central av, Cleveland, Ohio
Syracuse Twist Drill Co., Syracuse, N. Y.
WHITMAN & BARNES MFG. CO., (Also Self-Oiling), West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)

Drills (Universal)

American Tool Works Co., 6th & Eggleston av, Cincinnati, O.; 120 B'way, N. Y., & Frick bldg, Pittsburg, Pa.
Baush Machine Tool Co., Springfield, Mass.
Bickford Drill & Tool Co. (Half Universal Radial), c Front & Pike, Cincinnati, O.
Detrick & Harvey Machine Co. (Horizontal), 508 E Preston, Baltimore, Md.
Dreses, Mueller & Co., Cincinnati, O.
Foote, Burt & Co. (Adjustable), 1307 St. Clair, Cleveland, O.
Niles-Bement-Pond Co., Main Office, 136 Liberty, N. Y. Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.
Stow Flexible Shaft Co., N. 26th & Buttonwood, Phila., Pa.

Drills (Upright)

American Tool Works Co., 6th & Eggleston av, Cincinnati, O.; 120 B'way, N. Y., & Frick bldg, Pittsburg, Pa.
Aurora Tool Works (Upright Drill Presses, 12-50 inch Swing), Aurora, Ind.
Barnes, B. F. Co. (Hand & Foot Power), Rockford, Ill.
Barnes, W. F. & Jno. Co., Rockford, Ill.
Barr, Henry G. & Co. (Spindle), Worcester, Mass.
Bickford Drill & Tool Co., cor. Front & Pike, Cincinnati, O.
Blaisdell, P. & Co., Worcester, Mass.
Boynton & Plummer (Hand & Power Self-Feeding Upright & Horizontal), Worcester, Mass.
Champion Blower & Forge Co., Lancaster, Pa.
Cincinnati Machine Tool Co., Cincinnati, O.
Cross & Spiers Machine Co. (Speed), Waterbury, Conn.
Dietz Machine Tool Co., Cincinnati, O.
Fay & Scott, Dexter, Me.
Fitchburg Machine Works, Fitchburg, Mass.
Fosdick Machine Tool Co., Cincinnati, O.
FOX MACHINE CO., 127 N Front, Grand Rapids, Mich. (See adv. index, end of book)
Garvin Machine Co., 137 Varick, New York
Gould & Eberhardt (and Uprlght Drill Presses), Newark, N. J.
Hamilton Machine Tool Co. (12 to 44-inch), Hamilton, O.
Hoefer Mfg. Co., Freeport, Ill.
Knecht Bros. Co., 2442 Beekman, Cincinnati, O.
Langelier Mfg. Co., Providence, R. I.
New Haven Mfg. Co. (With Automatic Power Feed), New Haven, Conn.
Niles-Bement-Pond Co., 136 Liberty, N. Y. Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Norton & Jones Machine Tool Works, Plainville, Conn.
Pratt & Whitney Co., Hartford, Conn.
Prentice Bros. Co., Worcester, Mass.
Putnam Foundry Co., Fitchburg, Mass.
Reed, Francis Co., Worcester, Mass.
Schumacher & Boye, Queen City & Buck, Cincinnati, O.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.
Sibley Machine Tool Co., South Bend, Ind.
Sigourney Tool Co., Hartford, Conn.
Snyder, J. E., Worcester, Mass.
Washburn Shops of the Polytechnic Institute, Worcester, Mass.

Drills & Bits (Electricians)

Cincinnati Tool Co. ("Hargraves"), Cincinnati, O.
Cleveland Twist Drill Co., Lake & Kirtland, Cleveland, O.
Detroit Twist Drill Co., Detroit, Mich.
Dicke, C. H. Tool Co., Downers Grove, Ill.
Mayhew, H. H. Co., Shelburne Falls, Mass.
Morse Twist Drill & Machine Co., New Bedford, Mass.
New Process Twist Drill Co., Taunton, Mass.
Standard Tool Co., 1260 Central av, Cleveland, Ohio
Syracuse Twist Drill Co., Syracuse, N. Y.

Drills & Listers (Combined)

Bradley, David Mfg. Co., Bradley, Ill.
Gale Mfg. Co., Albion, Mich.

Drips (Gauge Cock)

Knapp Mfg. Co., 24 Frankfort, New York

Drive Pole Steps

(See Pole Steps, Drive.)

Drivers (Brad)

(For Boarding or Nailing Door Mouldings.)

Seymour & Whitlock, 43 Lawrence, Newark, N. J.

Drivers (Angle Chain)

Ams, Max Machine Co. ("Positive"), 372 Greenwich, New York

Drives (Power)

Cushman Electric Co. (Variable Speed Motor), Concord. N. H.
Electric Controller & Supply Co. (Magnetic Clutches), Central & Giddings, Cleveland, O.
Roth Bros. & Co. (Electric), 29 S Clinton, Chicago

Driving Caps.

Dunn Mfg. Co. (for Driving Sewer & Trench Sheeting), Farmers Bank bldg, Pittsburg, Pa.

Drop Lights (Adjustable)

Bockel, Wm. & Co., 518 Vine, Phila., Pa.

Drop Forgings

(See Forgings, Drop.)

Drug Store Fixtures

(See Store & Bar Fixtures.)

Drums (Car Heater)

CRANE CO., Est. 1855, Chicago, New York, Phila.; St. Louis, Kansas City, Sioux City, Omaha, Los Angeles, San Francisco, Portland, Oreg.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)

Drums (for Inclines)

Niles Mine & Mill Supply Co., Williamson bldg, Cleveland, O., & Niles, O.

Drums (Gas)

(See Holders, Gas.)

Drums Glycerine & Oil

SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)

Drums (Hoisting)

(See also Hoisting Engines.)

Allis-Chalmers Co. (Single & Double Drum), New York Life bldg, Chicago, 71 B'way, New York. Works, Chicago, Milwaukee, Wis., & Scranton, Pa.
AMERICAN HOIST & DERRICK CO., St. Paul, Minn. Branches, 60 S Canal, Chicago; 39 Cortlandt, New York; Tremont bldg, Boston, Mass.; Hennen bldg, New Orleans, La., & Builders' Exchange, Baltimore, Md. (See adv. index, end of book)
Bacon, Earle C., 26 Cortlandt, New York
BYERS, JOHN F. MACHINE CO., Ravenna, O. (See adv. index, end of book)
Contractors Plant Mfg. Co., 129 Erie, Buffalo, N. Y.
Crawford & McCrimmon Co., Brazil, Ind.
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y., & 42 Dey, N. Y. (See adv. index, end of book)
Dederick's, P. K. Sons (Single & Double Drum), Albany, N. Y.
Flory, S. Mfg. Co. (Double & Single Drum), Bangor, Pa.
LAMBERT HOISTING ENGINE CO., Main Office & Works, 115-121 Poinier, Newark, N. J.; 85 Liberty, N. Y.; 117 Main, Cambridge, Boston, Mass.; 1715-1717 Market, Phila., Pa.; Lacock & Sandusky, Allegheny, Pa.; 248-258 Water, Toledo, O.; 715-717 N 2d, St. Louis, Mo.; 232 5th av, Chicago, Ill., & Stewart & Folsom, San Francisco, Cal. (See adv. front colored page)
LIDGERWOOD MFG. CO. (Single & Double Drum), 96 Liberty, New York, & Old Colony bldg, Chicago. (See adv. front colored page)
MUNDY, L. S., 22 Prospect, Newark, N. J. (See adv. front colored page)
NATIONAL HOISTING ENGINE CO., Harrison, N. J. (See adv. index, end of book)
Ottumwa Iron Works, Ottumwa, Ia.
Poole Engineering & Machine Co., Woodbury Station, Baltimore, Md.
RAWSON & MORRISON MFG. CO., (Single & Double Drum), Cambridgeport, Mass., & 11 B'way, N. Y. (See adv. index, end of book)
South Baltimore Steel Car & Foundry Co., Baltimore, Md., & 11 B'way, New York

Drums (Pneumatic Winding)

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill., & 95 Liberty, New York. (See adv. index, end of book)

Drums (Rope Driving)

FILER & STOWELL CO., Milwau- kee, Wis. (See adv. index, end of book)
Link Belt Engineering Co., Nicetown, Phila., Pa.; Park bldg, Pittsburg, Pa., & 49 Dey, N. Y.
Poole Sngineering & Machine Co., Woodbury Station, Baltimore, Md.
Vulcan Iron Works, Wilkesbarre, Pittston, & Tamaqua, Pa.
Woonsocket Machine & Press Co., Woonsocket, R. I.

Drums (Seamless Pressed Steel

PRESSED STEEL TANK CO. (Ship- ping), 720 Hanover, Milwaukee, Wis. (See adv. index, end of book)

Drums (Steam or Mud)

Erie City Iron Works, Erie Pa.
Murray Iron Works Co., Burlington, Iowa.
PETROLEUM IRON WORKS CO., Washington, Pa., & Farmers' B'k bldg, Pittsburg, Pa. (See adv. index, end of book)

Drums (Winding)

Bonnot Co., Canton, O.
Leader Mfg. Co. (and Cable), Decatur, Ill.
Michigan Brick & Tile Machine Co., Morenci, Mich.
Poole Sngineering & Machine Co., Woodbury Station, Baltimore, Md.
Potts, C. & A. & Co. (Inc.), Indianapolis, Ind.
South Baltimore Steel Car & Foundry Co., Baltimore, Md., & 11 B'way, New York
Steele, J. C. & Son, Statesville, N. C.
Union Foundry & Machine Co., Pittsburg, Pa.
Vulcan Iron Works, Wilkesbarre, Pittston, & Tamaqua, Pa.

Dry Clay Gatherer

Central Iron Works (For Brick & Tile Mfrs), Quincy, Ill.

Dry Colors

(See Color Mfrs.)

Dry Docks & Marine Railways

(See also Shipbuilders.)

ALABAMA.

MOBILE—Ollinger-Bruce Dry Dock Co.

CALIFORNIA.

SAN FRANCISCO—Boole, W. A. & Son, 219 Steuart
California Dry Dock Co., 302 Col.
Pacific Marine Railway & Ways Co., 36 Steuart
San Francisco Dry Dock Co., 302 Calif.
South San Francisco Dock Co., Nevada blk
Union Iron Works, 220 Market.

CONNECTICUT.

BRIDGEPORT—Leeds, Edw. F., 175 E Main
GILDERSLEEVE—Gildersleeve, S. & Sons
NEW HAVEN—Graves, Geo. M.
Thatcher, S. H. & Son, ft of Chestnut
NEW LONDON—Davidson, W. H.
Morgan Iron Works
NOANK—Palmer, Robt. & Son
STRATFORD—Bedell, W. E., ft Broad

DELAWARE.

WILMINGTON—American Car & Foundry Co
Harlan & Hollingsworth Co.
Moore, Enoch
Pusey & Jones Co. (Marine Railway)

FLORIDA.

JACKSONVILLE—Merrill-Stevens Co.

GEORGIA.

BRUNSWICK—Biesenick, R. E.
SAVANNAH—Rourke's Iron Works, 610 Bay

ILLINOIS.

CHICAGO—Chicago Shipbuilding Co. (Dry Docks), Rookery bldg
Shipowners Dry Dock Co., Rialto bldg
MOUND CITY—Mississippi Valley Marine Railway & Dry Dock Co.
QUINCY—Quincy Marine Ways

INDIANA.

JEFFERSONVILLE—Howard Ship Yards Co.

IOWA.

DUBUQUE—Iowa Iron Works Co. (Marine Railway)

LOUISIANA.

BERWICK—Thorgeson, G. & Sons
NEW ORLEANS—Good Intent Dry Dock Co.
McLellan Dock Co., 727 Common
Marine Dry Dock, ft of Bermuda
New Orleans Naval Dry Dock
Sectional Dry Dock, 315 Carondelet

MAINE.

BANGOR—Stetson, E. & I. K.
BATH—Bath Iron Works (Marine Railways)
New England Co.
BELFAST—Merchants Marine Railway Co.
BOOTHBAY HARBOR—Boothbay Marine Ry. Co. (W. H. Reed, Propr.)
Townsend Marine Ry. (O. Y. Matthews, Propr.)
PORTLAND—Maine Electric Co., 25 Commercial
Portland Shipbuilding Co.
ROCKLAND—North Marine Railway
Snow, I. L. & Co.

MARYLAND.

BALTIMORE—Baltimore Marine Ry., 1301 Philpot
Baltimore Shipbuilding & Dry Dock Co., ft Martin
Beacham, J. S. & Bro., Covington, ft Warren av
Bixler & Co., 500 Hughes av
Booz Bros., ft of E Montgomery
Maryland Steel Co., Sparrows Point
Spedden Marine Railway Co., c. Philpot & Point
Spedden Shipbuilding Co., 913 S B'way
Skinner, Wm. & Sons, ft of E Cross
Woodall, Wm. E. & Co., ft Allen, Locust Point
SOLOMON'S—Marsh, J. T.
Moore, Thos.
SPARROWS POINT—Maryland Steel Co. (Dry Dock & Marine Railway)
WHITEHAVEN—Catlin, W. J. & Bro.

MASSACHUSETTS.

BOSTON—Atlantic Works, 70 Border, E. B.
East Boston Dry Dock Co., 70 Border
Ellis, W. H. & Co., 17 Milk
Hayes, Geo. & Co., 166 Devonshire
Lawler Bros., 16 City sq, Chtn.
Lockwood Mfg. Co. (Marine Railway), 65 Summer, E. B.
Norton, F. A., 166 Devonshire
Rendle, W. S., 135 Prescott, E. B.
Ross, Jos., 28 School
Simpson's Patent Dry Dock Co., Marginal n Jeffries
Tidd, L. R., 166 Devonshire
GLOUCESTER—Burnham Bros. (Railway)
Parkhurst, Chas. & Son (Railway)
Rocky Neck Marine Railway Co.
MARBLEHEAD—Frazier, J. H. (Railway)
Marblehead Yacht Yard (Railway)
TAUNTON—Taunton Yacht Works

MICHIGAN.

BAY CITY—Bay City Dry Dock (Jas. & Jas. E. Davidson)
Bay City Marine Ways
CHARLEVOIT—Washburn, W. W.
DETROIT—Detroit Shipbuilding Co.
Detroit Dry Dock Co., ft of Orleans
HOUGHTON—Croze, Jos.
PORT HURON—Dunford & Alverson
Wolverine Dry Dock Co.
WEST BAY CITY—Davidson, Jas. (Dry Docks Only)

MINNESOTA.

DULUTH—Grignon, Napoleon

NEW JERSEY.

CAMDEN—Dialogue, Jno. H. & Son
ELIZABETH—Moore, Saml. L. & Sons Co.
HOBOKEN—Bushey & Hanley
McCarty, Jno. (Dry Docks), 247 Grove
Tietjen & Lang Dry Dock Co.
Willadsen Dry Dock Co., ft of 14th
JERSEY CITY—Brown Dry Dock Co., ft Essex
Burt & Mitchell, ft Morris
Colon, P. L., ft of Phillips
Jersey City Dry Dock Co., ft Morgan
Rickard, Geo. W. & Son, ft of Wash'n
PERTH AMBOY—Perth Amboy Dry Dock Co.
Raritan Dry Dock Co.

NEW YORK.

ALBANY—Le Roux, Peter S.
BUFFALO—Buffalo Dry Dock Co., Erie Co. Bank bldg
FORT EDWARD—Northrup, E. R.
GREENPORT—Greenport Basin Const'n Co.
KINGSTON—Baisden, Jno. J.
Hiltebrant, Conrad (S. Rondout)
McCausland, J.
NEWBURGH—Marvel, T. S. & Co. (Marine Railway)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Atlantic Dock Co., 1 N Pier, Atlantic Dock
Brooklyn Warehouse & Dry Dock Co., 307 Wash'n
Burtis, Devine, 268 Conover
Crane's, Theo. A. Sons, Erie Basin
Downing & Lawrence, ft Court
Erie Basin Dry Dock, ft of Beard & Long Dock
Gokey, Wm. & Son, Erie Basin
Matheson, Wm., ft 20th
Morse Dry Dock & Repair Co., ft 57th
N. Y. Dock Co., Imlay c Bowne
Robins, Jno. N. Co., ft Dwight, Erie Basin
South Brooklyn Dry Dock Co., ft 32d
West End Dry Dock Co., ft 27th

Boroughs of Manhattan & Bronx

NEW YORK—Baltimore Dry Dock Co., 120 Liberty
Burlee Dry Dock Co., 1 B'way
Crane's, T. A. Sons Co., 26 B'way
Erie Basin Dry Docks, 19 Whitehall
Havana Dry Dock Co., 32 B'way
Hunters Point Dry Dock Co., 1 B'way
McWilliams, Frank, 1 B'way
Marine Construction & Dry Dock Co., 8 Bridge
Morse Iron Works & Dry Dock Co., 17 State
Newport News Shipbuilding & Dry Dock Co., 1 B'way
O'Neill, Jas. A., A.12, Produce Exch
Raritan Dry Dock Co., 1 B'way
Robins, Jno. N. & Co., 19 Whitehall
Shewan, Jas. & Sons, ft of Stanton
Simpson, J. E. & Co., 17 B'way
Starin, Jno. H., Pier 13 N R
Tietjen & Lang Dry Dock Co. (A. 12, Produce Exch
Tregarthen, Jas. Son & Co., ft 7th, E R
Walsh, Jno. F., 136 Charlton

Borough of Queens.

LONG ISLAND CITY—McWilliams, C. & D.
Ward & Co.

Borough of Richmond.

PORT RICHMOND—Burlee Dry Dock Co.
Starin, Jno. H.
WEST NEW BRIGHTON—McWilliams, Frank

(END OF NEW YORK CITY.)

OGDENSBURG—St. Lawrence Marine Railway Co.

NORTH CAROLINA.

WASHINGTON—Mutual Foundry Co.
WILMINGTON—Skinner, Louis H.

OHIO.

ASHTABULA—Deveney, J. P.
Laird & Sons
CINCINNATI—American Rivers Ship Bldg Co., Eastern av nr Waldon
CLEVELAND—American Shipbuilding Co., 120 Viaduct
Murphy & Miller, Whiskey Island
Smith, L. P. & J. A. Co., Williamson bldg
TOLEDO—Craig Shipbuilding Co.

PENNSYLVANIA.

CHESTER—Delaware River Iron Shipbuilding & Engine Works
PHILADELPHIA—Cramp, Wm. & Sons Ship & Engine Building Co.
Neafie & Levy Ship & Engine Building Co., 1336 Beach

RHODE ISLAND.

EAST PROVIDENCE—Providence Dry Dock & Marine Railway
SOUTH WICKFORD—Saunders, W. G. & A. E.

SOUTH CAROLINA.

CHARLESTON—Pregnall's Marine Railway

TEXAS.

GALVESTON—Galveston Marine Way & Ship Yard

VIRGINIA.

BERKLEY—Bott & Lewis
Colanna, Chas.
HAMPTON—Hall, Warren
NEWPORT NEWS—(See Shipbuilders.)
NORFOLK—Core, W. T. & Son
Smith & McCoy
Taylor, Geo. T.
PORTMOUTH—Portsmouth Marine Ry, Co.
RICHMOND—(See Shipbuilders.)
SCOTTSVILLE—Shea, Edw. B.
WESTPOINT—Wheeler & Denmeade Bros.

WASHINGTON.

HADLOCK—Donchester & Toby
SEATTLE—Moran Bros. Co.
Seattle Dry Dock & Shipbuilding Co.
TACOMA—Puget Sound Dry Dock & Machine Co.

WISCONSIN.

MANITOWOC—Burger, H. B., Jr.
Manitowoc Dry Dock Co.
MILWAUKEE—Milwaukee Dry Dock Co.
SUPERIOR—Superior Shipbuilding Co.

Dry Kilns

(See Kilns, Drying.)

Dry Pans

(See Pans, Dry.)

Dryer & Calcining Apparatus

Alsing, J. R. Co., 75 Guernsey, Brooklyn, N. Y.
Cummer, F. D. & Son Co., The Arcade, Cleveland, O.
Ruggles-Coles Engineering Co., 89 Cortlandt, N. Y.

Dryers (Air)

RAND DRILL CO. (For Extracting Moisture from Air), 128 B'way, New York, & Monadnock blk, Chicago, Ill. (See adv. index, end of book)

Dryers (Brick)

(See also Kilns, Dry.)

American Blower Co., Detroit, Mich.
American Clay Working Machinery Co., Bucyrus, O., & Willoughby, O.
Aregood, Jno. Dryer Co., 138 Wash'n, Chicago, Ill.
Barron Dryer Co. ("Chicago," "Iron Clad" & "Barron," Tender Clay), Chicago, Ill.
Bechtel Bros. (Open Air Systems), Waterloo, Iowa
Cummer, F. D. & Sons Co., 413 Arcade, Cleveland, O.
Hartford Blower Co., Hartford Conn.
Means Foundry & Machine Co., Steubenville, O.
Morrison, Trammell Brick Co., Rome, Ga.

NATIONAL BLOWER WORKS, 17th & St. Paul av, Milwaukee, Wis. (See adv. index, end of book)
National Dry Kiln Co. (Exhaust Steam), Van Meter, Ia.
Ohio Ceramic Engineering Co. (Hot Air), Cleveland, O.
Phillips, S. G. (Fan Dryers), Rahway, N. J.
Scott & Oliver Mfg. Co. (Open Air System), Knoxville, Tenn.
Sharer Dryer & Kiln Co., 94 Walnut, Phila., Pa.
Standard Dry Kiln Co., Indianapolis, Ind.
Warren, D. M. (Open Air), Sparta, Mich.

Dryers (Cartridge Shell)

Rockwell Engineering Co. (Hot Air), 26 Cortlandt, N. Y.

Dryers (Cement & Asphalt)

Abbe Engineering Co., 220 B'way, N. Y.
Alsing, J. R. Co., 75 Guernsey, Brooklyn, N. Y.
American Blower Co., Detroit, Mich.; 1550 Marquette bldg, Chicago, Ill.; 141 B'way, N. Y.; 70 Grace Church, E. C., London, Eng.
American Process Co. (Automatic), 64 William, New York
American Vacuum Drying Machine Co., 120 Liberty, New York. Works, Long Island City, N. Y.
BARTLETT, C. O. & SNOW CO., French nr Columbus, Cleveland, O. (See adv. index, end of book)
Bethlehem Foundry & Machine Co., South Bethlehem, Pa.
Cummer, F. D. & Son Co., The Arcade bldg, Cleveland, O.
Crown Dryer Co., New England bldg, Cleveland, O.
Nordyke & Marmon Co., Indianapolis, Ind.
Ruggles-Coles Engineering Co., 39 Cortlandt, New York
Smith, Theodore & Sons Co., ft of Essex, Jersey City, N. J.
Turney Drier Co., Columbia bldg, Louisville, Ky.
U. S. Drying Engineering Co., 66 Beaver, N. Y.
Variety Iron Works Co., Cleveland, O.
Vulcan Iron Works, Wilkesbarre, Pittson, & Tamaqua, Pa.

Dryers (Coal, Stone, etc.)

Reeves Bros. Co., Alliance, O.

Dryers (Fertilizer)

Anderson, V. D. Co. (1 to 3 Cylinder), Cleveland, O.

Dryers (For Concentrates)

American Vacuum Drying Machine Co., 120 Liberty, New York. Works, Long Island City, N. Y.
Crown Dryer Co., New England bldg, Cleveland, O.
Cummer, F. D. & Son Co., Cleveland, O.
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
Ruggles-Coles Engineering Co., 39 Cortlandt, New York

Dryers (Garbage)

Anderson, V. D. C. (Also Tankage), Cleveland, Ohio

Dryers (Grain & Malt)

American Vacuum Drying Machine Co., 120 Liberty, New York. Works, Long Island City, N. Y.
BARTLETT, C. O. & SNOW CO., French nr Columbus, Cleveland, O. (See adv. index, end of book)
Crown Dryer Co., New England bldg, Cleveland, O.
Cummer, F. D. & Son Co., Arcade bldg, Cleveland, O.
Hess Grain Drying Co. (Pneumatic System), 135 La Salle, Chicago
Kreuger Machine Co., Newark, N. J.
MEY CHAIN BELTING ENGINEERING WORKS (Brewery Grain), 14 Perry, Buffalo, N. Y. (See adv. index, end of book)
Morris, F. R. & Co., Milwaukee, Wis.
Morris, Henry G., Phila. Bourse, Phila., Pa.
Remmers, B & Sons (Also for Starch, Vegetables, Chemicals, etc.), Bourse bldg, Phila., Pa.
Ruggles-Coles Engineering Co., 39 Cortlandt, New York
STURTEVANT, B. F. CO., Hyde Park, Mass.; 32 Oliver, Boston, Mass.; 281 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria st, London, Eng. (See adv. index, end of book)

Dryers (Hoof or Bone)

Anderson, V. D. Co., Cleveland, O.

Dryers (Hot Roll for Veneer Lumber)

Fischer Machine Works, 345 S Canal, Chicago, Ill.

Dryers (Leaf Tobacco)

Philadelphia Textile Machinery Co., Phila., Pa.

Dryers (Lumber)

STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 2881 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria st, London, Eng. (See adv. index, end of book)
Turney Drier Co., Columbia bldg, Louisville, Ky.

Dryers (Meal)

Great Western Mfg. Co., Leavenworth, Kan.
Nordyke & Marmon Co. (Steam, etc.), Indianapolis, Ind.
Remmers, B. & Sons, Bourse bldg, Phila., Pa.

Dryers (Ore)

Allis-Chalmers Co., New York Life bldg, Chicago; 71 B'way, New York. Works, Chicago, Milwaukee & Scranton, Pa.
Cummer, F. D. & Son Co., Arcade bldg, Cleveland, O.
Hendy, Joshua, Machine Works, 38 Fremont, San Francisco, Cal.
Mine & Smelter Supply Co., Denver, Col.; 139 Liberty, N. Y.; Salt Lake City, Utah, & Elpaso, Tex.
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
Ruggles-Coles Engineering Co., 39 Cortlandt, New York
Turney Drier Co., Columbia bldg, Louisville, Ky.
Union Iron Works, 222 Market, San Francisco, Cal.
U. S. Drying Engineering Co., 66 Beaver, New York

Dryers (Pebble)

Littleford Bros., 453 E Pearl, Cincinnati, O.
Ruggles-Coles Engineering Co., 39 Cortlandt, New York

Dryers (Revolving)

Stauffer, Geo. E., East Stroudsburg, Pa.

Dryers (Rotary)

Hersey Mfg. Co., 314 W 2d, Boston, Mass.

Dryers (Salt Well)

WARSAW ELEVATOR CO., Warsaw, N. Y., & Erie Co. Bank bldg, Buffalo, N. Y. (See adv. index, end of book)

Dryers (Sand)

(See Sand & Gravel Heaters & Dryers.)

Dryers (Soap)

STURTEVANT, B. F. CO., Hyde Park, Mass.; 32 Oliver, Boston, Mass.; 281 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria st, London, Eng. (See adv. index, end of book)

Dryers (Textile)

(See Textile Machinery, etc.)

Drying Frames

(See Clothes Dryers of Various Kinds.)

Drying Rooms

(See Clothes Dryers, Steam, Hot Water, Hot Air & Gas.)

Drying Stoves for Lump Sugar.

Bethlehem Foundry & Machine Co., So. Bethlehem, Pa.

Dumb Bells & Quoits

Barber Mfg. Co., Ashtabula, O.
Berks Foundry & Mfg. Co., 1444 Mulberry, Reading, Pa.
Hellenberg, J. B. & Son (Wood Dumb Bells Only), Coldwater, Mich.
Kupferle, Jno. C., 2d & Mound, St. Louis, Mo.
NATIONAL SUPPLY CO. (Quoits), 7 W Lombard, Baltimore, Md. (See adv. index, end of book)
Pleuger & Henger Mfg. Co., 11th & Hebert, St. Louis, Mo.
Reading Hardware Co., Reading, Pa.; New York, Phila., Pa., & Chicago, Ill.
Sommer's Jno. Son (Wooden Dumb-Bells), 359 Central av, Newark, N. J.
Swett, A. L., Iron Works, Medina, N. Y.
Weller Hardware & Foundry Co., Horseheads N. Y.
Wrightsville Hdwre. Co. (Dumb Bells Only), Wrightsville, Pa.

Dumb Waiter Doors (Automatic)

Brandt, Fred., 169 E 85th, New York
MORSE, WILLIAMS & CO., West End Trust bldg, Phila., Pa. (See adv. index, end of book)
Webb, J. K., 414 Bleecker, New York
White, James, 446 Adelphi, Brooklyn, N. Y.

Dumb Waiter Doors (Fireproof).

DAHLSTROM METALLIC DOOR CO., Jamestown, N. Y., & 149 B'way, New York. (See adv. index, end of book)
RAPP, JNO. W., General Office & Works, College Point, New York City. Sales Rooms, 156 5th av, N. Y. (See adv. index, end of book)

*Dumb Waiter Rope.

Bailey, Jno. T. & Co., cor. Water & Tasker, Phila., Pa.
CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)

Gilmore, Edwin, North Easton, Mass.
Jacobs, Chas. M. Cordage Co., Cincinnati, O.
SAMSON CORDAGE WORKS, 115 Congress, Boston, Mass. (See adv. index, end of book)
SILVER LAKE CO. (Braided), 82 Chauncy, Boston, Mass. (See adv. index, end of book)
Travers Brothers Co., 41 Worth, New York
Wall, W. F., 56 South, New York

Dumb Waiters.

CALIFORNIA.

SAN FRANCISCO—Cahill & Hall Elevator Co., 135 Beale
McNicoll, A. J. Elevator Co., 207 2d
Pettitt, J. G., 33 Beale

COLORADO.

DENVER—McCarthy, M. J. & Co., 1134 Larimer

CONNECTICUT.

NEW HAVEN—MacArthur, Duncan, 128 Union
MacKenzie, Geo. M., Water c East

ILLINOIS.

CHICAGO—Munger, Chas. L., 142 Lake
REEDY, J. W. ELEVATOR MFG. CO., 91 Illinois. See adv. index, end of book)
UNION ELEVATOR & MACHINE CO., 144 Ontario. (See adv. index, end of book)
MOLINE—Moline Elevator Co.

INDIANA.

INDIANAPOLIS—Reedy, D. V. & Co., 210 S Penn

IOWA.

COUNCIL BLUFFS—Kimball Bros. Co.

MARYLAND.

BALTIMORE—**BATES', JAMES, SONS,** Pratt c President
MORSE, WILLIAMS & CO., 205 E German, (See adv. index, end of book)

MASSACHUSETTS.

BOSTON—Beckwith Elevator Co., 123 Pearl
Brewer, Elias & Co., 52 Sudbury
ELEKTRON MFG. CO., 179 Lincoln. (See adv. index, end of book)
Kimball, C. E. & Son, 151 Pearl
SALEM—Salem Elevator Works
SPRINGFIELD—ELEKTRON MFG. CO. (See adv. index, end of book)

MICHIGAN.

DETROIT—Gardner Elevator Co., 21st & River

MINNESOTA.

MINNEAPOLIS—**CRAIG, W. H. & CO.,** 415 6th av, S. (See adv. index, end of book)
LAGERQUIST, GUST, 516 N 3d (See adv. index, end of book)

ROCHESTER—Rochester Iron Works (Hydraulic)
ST. PAUL—Franklin Machine Works, 207 W 5th
LAWES, GEO. H. & CO. (Mfrs. Agts.), Gilfillan bldg. (See adv. index, end of book)
Lee & Hoff Mfg. Co.

MISSOURI.

ST. LOUIS—Miller, Wm. A., Elevator Mfr. Co., 117 Pine
MOON ELEVATOR CO., 8th & Mullanphy. (See adv. index, end of book)

NEW JERSEY.

NEWARK—STORM MFG. CO. (See adv. below)
Webber, G. A., Pionier c Penn av

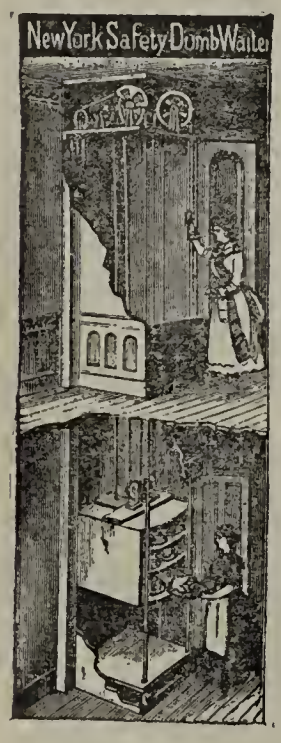
NEW YORK.

ALBANY—Gick & Sayles, 266 Hudson av
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BUFFALO—**WARSAW ELEVATOR CO,** (Steel Roller Bearings), Erie Co. Bank bldg. (See adv. index, end of book)

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Newell, Fred'k H., 127 Stockholm
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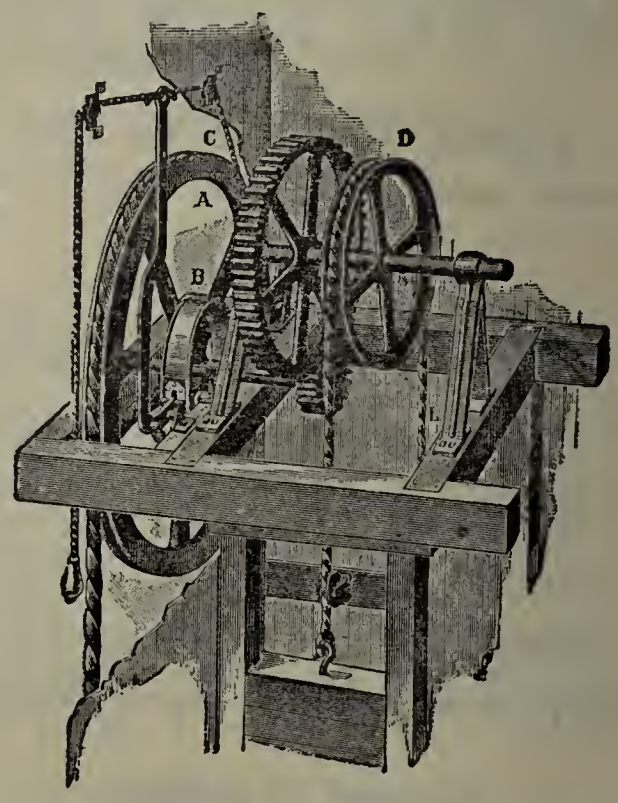
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Stanley & Harrold, 200 Reid av

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Burdett-Rowntree Mfg. Co., 17 Battery pl
Clay Elevator & Machine Co. (Automatic) 201 E 16th
ELEKTRON MFG. CO., 156 5th av. (See adv. index, end of book)
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Gilmartin, Hugh, 236 W 25th
Gordon Bros., 176 Wooster
Hoffman, Chas. W. Co., 223 W 28th
Holland, Thos. J., 211 E 84th
Johnston Bros., 142 E 11th
Larsen, Anton, So. Boulevard c Brown pl
MORSE, WILLIAMS & CO., 108 Liberty. (See adv. index, end of book)
Murtaugh, Jas. Co. (Standard), 202 E 42d
Murtha, Thos. C., 54 E 109th
Nelson, Alex. & Co., 103 W 95th
Olsen & Co., 304 W 127th
Roberts, Jas. H., 549 W B'way
Sedgwick Machine Works (Steel), 110 Liberty
Still, S. G., 1428 Vyse av
STORM MFG. CO., 113 Chambers (See adv. preceding page)
Williams, W., & Co., 312 E 95th
Yager, Jno., 453 E 88th

(END OF NEW YORK CITY.)

POUGHKEEPSIE—Sedgwick Machine Works
ROCHESTER—**ELEKTRON MFG. CO.,** 408 Orchard. (See adv. index, end of book)
Kay, J. R. & S. P., Mill ft of Brown
SYRACUSE—Houser Elevator Co., 314 E Water
WARSAW—**WARSAW ELEVATOR CO.** (Steel Roller Bearings). (See adv. index, end of book)

OHIO.

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Reedy, H. J., Co., 67 Elm
WARNER ELEVATOR MFG. CO. (See adv. index, end of book)
CLEVELAND—Edmonds Elevator Co., 144 Champlain
O'Donnell Elevator Co., 18 Johnson
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New American Elevator Co., Jefferson & Curtis av
TOLEDO—Haughton Elevator & Machine Co., 130 S Huron

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PHILADELPHIA—Albro-Clem Elevator Co., 7th & Glenwood av
Energy Elevator Co., 411 Cherry
Massa, Geo., 234 Ionic
MORSE, WILLIAMS & CO., 32 S Broad. (See adv. index, end of book)
U. S. ELEVATOR CO., 216 Dock. (See adv. index, end of book)
PITTSBURG—Marshall Bros., S 21st
Union Elevator Co., 317 Gist
READING—**SPEIDEL, J. G., cor Buttonwood & Gordon.** (See adv. below)

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Heller, Siegfried, 313 Prairie
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Electrical Engineering Co., 509 Howard, San Francisco, Cal.
ELEKTRON MFG. CO., 60 Wilbraham rd, Springfield, Mass.; 179 Lincoln, Boston, Mass.; 408 Orchard, Rochester, N. Y.; Washington Loan & Trust Co. bldg, Washington, D. C., & 156 5th av, N. Y. (See adv. index, end of book)
MARINE ENGINE & MACHINE CO., Main Office, 1123 B'way, N. Y.; Works. Harrison, N. J. (See adv. index, end of book)
STORM MFG. CO., Newark, N. J (See adv. preceding page)

Dumb Waiters (Self-Sustaining)

SPEIDEL, J. G., Buttonwood & Gordon, Reading, Pa. (See adv. below)
Sedgewick Machine Works, Poughkeepsie, N. Y. & 110 Liberty, New York
STORM MFG. CO., Newark, N. J. (See adv. preceding page)
WARSAW ELEVATOR CO., Warsaw, N. Y. (See adv. index, end of book)

Dump Cars.

(See Cars, Dump.)

Dump Wagons.

(See Wagons, Self-Dumping.)

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(See Dust Collectors.)

Dust Collectors (Mechanical)

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Banister, W. A. (Separators), 35 Wareham, Boston, Mass.
Bowman, Walter (Plans & Specifications for Flint, Coal, Paint, Cement, etc.), 39 Cortlandt, New York
Cincinnati Exhaust & Blow Pipe Co., 324 W 3d, Cincinnati, O.
Clark-Miller Co., Seattle, Wash.
Dixie Mfg. Co., Baltimore, Md.
Garden City Fan Co., 42 S Clinton, Chicago, Ill.
Hartford Blower Co., Hartford, Conn.
Lee, Thos. (Also Furnace Feeders), 130 W 2d, Cincinnati, O.
Meadon's, T. J. Sons, 51 Greenpoint av, Brooklyn, N. Y.
NATIONAL BLOWER WORKS, Milwaukee, Wis. (See adv. index, end of book)
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Ohio Blower Co. (also Furnace Feeders), Cleveland, O.
Porbeck, Otto, 2017 N B'way, St. Louis, Mo.
Prinz & Rau Mfg. Co. (The Perfection), Milwaukee, Wis.
Richmond City Mill Works, Richmond, Ind.
Sterling Blower & Pipe Mfg. Co., Hartford, Conn.
Turner & Brady, 34 W Wash'n, Chicago
United States Blowpipe & Hydraulic Works, Pacific blk, Seattle, Wash.

Dust Guards (Hard Fibre)

(See Fibre Mfrs., Hard.)

Dust Guards (Journal Box)

American Dust Guard Co., Columbus, O.
Franklin Mfg. Co. (Asbestos), Franklin, Pa.
Harrison Dust Guard Co., Toledo, O.
McCord & Co., Old Colony bldg, Chicago, Ill.
Metal Dust Guard Co., Equitable bldg, Baltimore, Md.
Railway Appliances Co. (Symington), Old Colony bldg, Chicago, Ill.
Republic Railway Appliance Co., Lincoln Trust bldg, St. Louis, Mo.
Rogers, M. M. & Co., 1841 Wabash av, Chicago
Soule Raw Hide Lined Dust Guard Co., 113 Devonshire, Boston, Mass.
Symington, T. H., Co. ("Symington"), Baltimore, Md.

Duster Mfrs.

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Osborn Mfg. Co. (Wire, Fibre, Bristle, etc.), 1331 Hamilton, Cleveland, O.

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Dynamite Mfrs.

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Alford, Mrs. B., Eldred, Pa.
Athony Powder Co., Ishpeming, Mich.
Atlantic Dynamite Co. of N. J., 99 Cedar, New York
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Atlantic Dynamite Co. of N. J., 99 Cedar, New York, & Wilmington, Del.
Hecla Dynamite Co., 99 Cedar

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(See Igniters, Gas & Gasoline Engines.)

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Crosby Steam Gage & Valve Co., 95 Oliver, Boston, Mass.; 21 W Lake, Chicago, & 78 John, New York
LUNKENHEIMER CO., General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, N. Y., & 35 Great Dover, London, S. E., England. (See adv. index, end of book)
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Dynamo & Motor Mfrs.

(See also Generators, Various Kinds.) (Also Motors, Various Kinds.)

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Standard Electrical Construction Co., 130 New Montgomery
Union Iron Works, 222 Market

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WINDSOR—Eddy Mfg. Corporation

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Morris Electric Co. (Small Dynamos), 315 Shipley

GEORGIA.

ATLANTA—Campbell Machinery & Mfg. Co.
AUGUSTA—Moore-Edenfield Electric & Mfg. Co.

ILLINOIS.

CHICAGO—**FAIRBANKS, MORSE & CO.,** cor Franklin & Monroe. (See adv. index, end of book)
Goodman Mfg. Co., S Halsted & 48th pl
Gregory Electric Co., 54 S. Clinton
Guarantee Electric Co., 101 S Clinton
Morgan-Gardner Electric Co., 2642 Shields av
Peerless Electric Co., 141 S. Clinton
Roth Bros. & Co., 29 S Clinton
STURTEVANT, B. F. CO., 281 S Clinton. (See adv. index, end of book)
Western Electric Co., 259 S Clinton
PEORIA—Eagle Electric Works
Royal Electric Co.
QUINCY—Central Iron Works (Motors)

INDIANA.

FT. WAYNE—Ft. Wayne Electric Works (Inc.)
INDIANAPOLIS—Commercial Electric Co.
Jenney Electric Mfg. Co.
MARION—Gillespie, L. W., & Co. (1 to 16 h. p. up)
SOUTH BEND—Miller-Knoblock Electric Mfg. Co.
TERRE HAUTE—Kester Electric Co. (Motors)

IOWA.

COUNCIL BLUFFS—Kimball Bros. Co. (Motors)

KENTUCKY.

LOUISVILLE—Clark, Jas., Jr., & Co., 315 W Main
OWENSBORO—Kentucky Electrical Co.

MAINE.

PORTLAND—Maine Electric Co., 25 Commercial

MASSACHUSETTS.

BOSTON—**ELKERTON MFG. CO., 179** Lincoln; Works, Springfield, Mass. (See adv. index, end of book)
Gilmore Electric Co. (Direct Current), 625 E 1st
BROOKLINE—Holtzer-Cabot Electric Co.
HYDE PARK—**STURTEVANT, B. F. CO.** (See adv. index, end of book)
LOWELL—New England Motor Co., 82 Fletcher
LYNN—Littlefield, H. A. & Co.
Sampson & Allen, 51 Exchange.
PITTSFIELD—Stanley Electric Mfg. Co.
SPRINGFIELD—**ELEKTRON MFG. CO.** (See adv. index, end of book)
WORCESTER—Page Electric Co., 24 Pearl

MICHIGAN.

DETROIT — Fisher Electrical Works, 183 Larned
Fuller Co., 1565 Russell
Rumsey Electric Co., 19 Bagley av
KALAMAZOO—Clarage, Thos. & Son
Kalamazoo Foundry & Machine Co.
THREE RIVERS—Three Rivers Light & Power Co.

MINNESOTA.

MINNEAPOLIS—Electric Machinery Co., 13th av & Polk
FAIRBANKS, MORSE & CO., 220 Nicollet av. (See adv. index, end of book)

MISSOURI.

JEFFERSON CITY—Star Dynamo Co.
ST. LOUIS—Eclipse Electrical Co., 1124 Pine
FAIRBANKS, MORSE & CO., 8th & Clarke av. (See adv. index, end of book)
Snider Electric Co., 1628 S B'way
Wagner Electric Mfg. Co., 2015 Locust

NEBRASKA.

OMAHA—**FAIRBANKS, MORSE & CO.,** 1102 Farnam. (See adv. index, end of book)
Omaha Electrical Works.

NEW HAMPSHIRE.

LEBANON—Kendrick & Davis (Battery)

NEW JERSEY.

AMPERE—Crocker-Wheeler Co.
BELLEVILLE—Eck Dynamo & Motor Works (Enclosed & Semi-Enclosed)
BOUND BROOK—American Engine Co.
CAMDEN—Richter Electric Co.
ELIZABETHPORT—Diehl Mfg. Co.

NEW YORK.

BINGHAMTON—G. & E. Electric Construction Co.
BUFFALO—Averill, F. E., 444 Niagara
Buffalo Engine Works, 62 Indiana
ELBRIDGE — Elbridge Electrical Mfg. Co. (Small)
HORNELLSVILLE—Bartz, Wygant & Brown
NEWBURGH—Hyer-Sheehan Electric Motor Co.
NEW YORK—American Engine Co., 95 Liberty
Ball Electric Co. (Arc Dynamos, etc.), 404 W 27th
Bell Electric Motor Co., 197 Wooster
Bogue, Chas. J., 213 Centre
C. & C. Electric Co., 143 Liberty
Conn. Dynamo & Motor Co., 526 W 25th
Crocker-Wheeler Co., 39 Cortlandt
Diehl Mfg. Co., 561 B'way
ELEKTRON MFG. CO., 156 5th av. (See adv. index, end of book)
FAIRBANKS, MORSE & CO., 133 Liberty. (See adv. index, end of book)
GENERAL ELECTRIC CO., 44 Broad. (See adv. index, end of book)
General Incandescent Arc Light Co., 529 W 34th
La Roche, F. A., Co., 652 Hudson
Mayer, M. M., Electric Co., 98 Liberty
Otis Elevator Co., 17 Battery pl
Rossiter, MacGovern Electrical Co. (Alt. & Direct Current & Arc Dynamos), 17 Battery pl
SPRAGUE ELECTRIC CO., 527 W 34th. (See adv. index, end of book)
STURTEVANT, B. F. CO., 131 Liberty. (See adv. index, end of book)
Western Electric Co., 57 Bethune
ROCHESTER—**ELEKTRON MFG. CO.,** 408 Orchard. (See adv. index, end of book)
Higgins-Almstead Co.
Rochester Electric Motor Co.
SCHENECTADY—**GENERAL ELECTRIC** Co. (See adv. index, end of book)
SYRACUSE—C. & T. Electric Co. (Small. The "Midget.")
Powell, E. C. (Direct Current), 352 W Fayette
TROY—Bernard, E. G. Co.
YONKERS—Eickemeyer & Osterheld Mfg. Co.
Otis Elevator Co.

OHIO.

AKRON—Akron Electrical Mfg. Co.
CANTON—Goughnour Electric Co.
CINCINNATI—Barrett Electric Co. (Motors: 1-4 to 15 h. p.)
Bullock Electric Mfg. Co., E Norwood
FAIRBANKS, MORSE & CO., 307 Walnut. (See adv. index, end of book)
Jantz & Leist Electric Co. (Multipolar, etc.), 808 Elm
Stewart Electrical Co., 311 E 5th
Triumph Electric Co., 610 Baymiller
CLEVELAND—Elwell-Parker Electric Co., 1066 Hamilton
Lincoln Electric Co., 71 Ontario
Van Dorn-Elliott Electric Co., Cleveland, O.
DAYTON—Dayton Electrical Mfg. Co.
Dayton Fan & Motor Co.
Sterling Electric Motor Co.
Thresher Electric Co.
MANSFIELD—Ideal Electric Mfg. Co.
Phoenix Electrical Mfg. Co.
PIQUA—Piqua Iron Works
SANDUSKY—Warren Electric Mfg. Co.
SPRINGFIELD—Robbins & Myers Co.
TOLEDO—Hansen, M. W., 932 Summit
Ricard Boiler & Engine Co.
TROY—Hobart Electric Mfg. Co.
WARREN—Peerless Electric Co.
Warren Electric & Specialty Co.

PENNSYLVANIA.

ERIE—Erie City Iron Works
Keystone Electric Co., 1225 W 12th
PHILADELPHIA — Electro-Dynamic Co. of Phila., 224 Ionic
Quaker City Electric Co., 2036 Lippincott
STURTEVANT, B. F. CO., 135 N 3d. (See adv. index, end of book)
PITTSBURG — **WESTINGHOUSE ELECtric & Mfg. Co.**, Westinghouse bldg. (See adv. index, end of book)
RIDGWAY—Ridgway Dynamo & Engine Co.

RHODE ISLAND.

PROVIDENCE—Bowen Electric Co., 58 Point

TENNESSEE.

KNOXVILLE—Southern Brass & Iron Co.

TEXAS.

HOUSTON—Barden Electric & Machinery Co.

VIRGINIA.

RICHMOND—Tower-Binford Electric & Mfg Co., 715 E Main

WASHINGTON.

SEATTLE—Erickson-Wyman Co.
N. & S. Electric Co.

WISCONSIN.

LA CROSSE—Benton, Thos. P. & Son
MADISON—Northern Electrical Mfg. Co.
MILWAUKEE—Andrae, Julius, & Sons Co. (Small)
Mechanical Appliance Co. ("Watson" Multipolor Motors & Generators), 710 Hanover
Milwaukee Electric Co., 58th & Greenfield av
National Electric Co.

Dynamometers

Elwell-Parker Electric Co., 1066 Hamilton, Cleveland, O.
QUEEN & CO. (Inc.), 1010 Chestnut, Phila., Pa., & 59 5th av, New York. (See adv. index, end of book)
Schaeffer & Budenberg, Main Office and Works, 10 Division, Brooklyn, N. Y.; 66 John, New York; 22 W Lake, Chicago, Ill.
SPRAGUE ELECTRIC CO. (Round Type), 527 W 34th, New York. (See adv. index, end of book)
Weston Electrical Instrument Co., Waverly, N. J.
Whitney Electrical Instrument Co., Penacook, N. H.

Dynamos, Plating

Akron Electric Mfg. Co., Akron O.
Averill, Francis E., 680 Main, Buffalo, N. Y.
Crocker-Wheeler Co., Ampere, N. J., & 39 Cortlandt, N. Y.
Hanson & Van Winkle Co., Newark, N. J.
Holtzer-Cabot Electric Co., Brookline, Mass.
Jantz & Leist Electric Co. (Also Electrotypes), Cincinnati, O.
Phoenix Electric Mfg. Co., Mansfield, O.
Zucker & Leavett & Loeb Co., 526 W 25th, New York

Dynamos (Turbine)

De Laval Steam Turbine Co. (Direct & Alternating Current), Trenton, N. J.

Dynamotors

Akron Electric Mfg. Co., Akron, O.
Crocker-Wheeler Co., 39 Corttlandt, N. Y., & Ampere, N. J.
Elwell-Parker Electric Co., 1066 Hamilton, Cleveland, O.
Roth Bros. & Co. (Ringing), 29 S Clinton Chicago

Ears (Pan & Kettle, Etc.)

(See Pail Ears.)

Earth Work Computing Table

Pratt, Seth (Civil Engineer), Assyria, Mich.

Eave-Trough Hangers

(See Hangers, Eave-Trough.)

Eave-Trough Mfrs.

(See Conductor Pipe & Eave-Trough Mfrs.)

Eave Trough Mfrs. (Cypress)

STEARNS, A. T. LUMBER CO., Neponset & 166 Devonshire, Boston, Mass.

Edgers (Brick)

Horton Mfg. Co., Painesville, Pa.

Edgers (Double)

American Woodworking Machine Co., 136 Liberty, New York
FILER & STOWELL CO., Milwaukee, Wis. (See adv. index, end of book)
Lane Mfg. Co., Montpelier, Vt.
Murray, D. J., Mfg. Co., Wausau, Wis.
Union Iron Works, Bangor, Me.

Edgers (Gang Saw)

Adams, W. T. Machine Co., Corinth, Miss.
American Woodworking Machine Co., 136 Liberty, New York
Butterworth & Lowe, Grand Rapids, Mich.
California Saw Works, 208 Mission, San Francisco, Cal.
Clark Bros., Belmont, N. Y.
Cook, R. A., Stevens Point, Wis.
Corinth Engine & Boiler Works, Corinth, Miss.
De Loach Mills Mfg. Co., Atlanta, Ga.
Diamond Iron Works ("Diamond & Armstrong"), Minneapolis, Minn.
Fay, J. A. & Egan Co., c Front & John, Cincinnati, O.
FILER & STOWELL CO., Milwaukee, Wis. (See adv. index, end of book)
Frank Machinery Co., Buffalo, N. Y.
Garland, M. Co., Bay City, Mich.
Gordon Hollow Blast Grate Co. ("The Tower"), Greenville, Mich.
Hamilton, Wm. Mfg. Co., Peterboro, Ontario, Can.
Henderson, W. K. Iron Works, Shreveport, La.
Hill, W. E. & Co., Kalamazoo, Mich.
Holmes, E. & B., Machinery Co., 59 Chicago, Buffalo, N. Y.
Howell, R. R. & Co., Minneapolis, Minn.
Kline, Lewis T., Alpena, Mich.
Knight Mfg. Co., Canton, O.
Lane Mfg. Co., Montpelier, Vt.
Larzelere Machine Co., Williamsport, Pa.
Moltz, Jacob J., Williamsport, Pa.
Murray, D. J., Mfg. Co., Wausau, Wis.
Phoenix Mfg. Co., Eau Claire, Wis.
Prescott, D. Clint, Co., Menominee, Mich.
Prescott Supply Co., Marinette, Wis.
Smith, Myers & Schnier Co., Cincinnati, O.
Southern Engine & Boiler Works (Inc.), Jackson, Tenn.
Standard Saw Mill Machinery Co., Erie, Pa.
Stearns Mfg. Co., Erie, Pa.
Union Iron Works, Bangor, Me.
United States Machine Co. (Shingle, etc.), Williamsport, Pa.
Vulcan Iron Works Co., Seattle, Wash.
Wheland Machine Works, Chattanooga, Tenn.
Wickes Bros., Saginaw, Mich.

Ejectors, Jet Pumps or Syphons.

American Ejector Co., Congress & Brooklyn av, Detroit, Mich.
Belfield, H., & Co., 435 N. Broad, Phila., Pa.
Blakeslee Mfg. Co., Du Quoin, Ill.
Bushnell, Jno. S., Co., 120 Liberty, New York
Chaplin-Fulton Mfg. Co., 28 Penn av., Pittsburg, Pa.
Economy Ejector Co. ("Jones"), 907 Walnut, Cincinnati, O.
Eynon-Evans Mfg. Co., 1519 Clearfield, Phila., Pa.
Forest City Brass Works ("Kennedy" Ejector), Cleveland, O.
Griffith, Jas. A. ("Champion"), 500 N 12th, Phila., Pa.
HANCOCK INSPIRATOR CO., The, 85, 87 & 89 Liberty, New York, & 22, 24 & 26 S Canal, Chicago, Ill.
HAYDEN & DERBY MFG. CO., ("H-D"), 85 Liberty, New York. Works, Watson, Boston, Mass.
Lee Injector Mfg. Co., Port Huron, Mich.
Lonergan, J. E., & Co., 211 Race, Phila., Pa.
McGowan, Jno. H., Co., 56 Central av, Cincinnati, O.
Munkenbeck Bros., 88 Hamilton, Brooklyn, N. Y
Nash Bros. & Co., Ogdensburg, N. Y.
Nason Mfg. Co., 71 Beekman, New York
Nathan Mfg. Co., 92 Liberty, New York
Ohio Injector Co. ("Garfield"), Wadsworth, O., & Monadnock blk, Chicago, Ill.
Pancoast, Henry B., & Co. ("Model"), 243 S. 3d, Phila., Pa.
Penberthy Injector Co., 346 Holden av, Detroit, Mich.
Rue Mfg. Co., 228 Cherry, Phila., Pa.
Schaffer & Budenberg Mfg. Co., 10 Division, Brooklyn, N. Y., & 66 Johnson, N. Y., & 15 W Lake, Chicago, Ill.
Schutte, L., & Co., 1251 N 12th, Phila., Pa.
See, Horace (Hydro-Pneumatic Ash), 1 B'way, New York
Sherwood Mfg Co. ("Eagle"), 34 Washington, Buffalo, N. Y.
Shone Co. (Pneumatic), 445 N 46th, Chicago, Ill.
Van Duzen, E. W., Co., 428 E 2d, Cincinnati, O.
Watson, N. A., Erie, Pa.
Watson & McDaniel Co. ("McDaniel"), 146 N 7th, Phila., Pa.

Ejectors (Pneumatic)

MERRITT & CO., 1024 Ridge av, Phila., Pa. (See adv. index, end of book)
Shone Co. ("Shone"), 445 W 46th, Chicago, Ill.

Elbows (Adjustable, Etc.)

Excelsior Steel Furnace Co., 40 W Monroe, Chicago
LUNKENHEIMER CO., General Offices, Beekman & Waverly, Cincinnati, O. 26 Cortlandt, New York, & 35 Dover st, London, England. (See adv. index, end of book)

Elbows (Conductor Pipe)

Byard-Judd Co., Warren, O.
MILWAUKEE CORRUGATING CO., Milwaukee, Wis. (See adv. index, end of book)

Elbows (Plumbers' Rubber)

Climax Specialty Co. ("Climax" Adjustable), Seneca Falls, N. Y.
Glauber Brass Mfg. Co. ("Cut-Mc-Off" Rubber Closet), Cleveland, O.
Morgan & Wright (Inc.), 19 N May, Chicago Ill.
Superior Mfg. Co. ("Superior"), Cleveland, O.

Election Booths (Steel or Wood)

American Steel House Co., 796 11th av., N. Y.
FOREST CITY STEEL & IRON CO. (Steel), Cleveland, O. (See adv. index, end of book)
Van Dorn Iron Works Co., Cleveland, O.

Electric Appliances, Machinery & Specialties

(For page number of the following classifications see index of contents.)

Adjusters, Cord.
Alarms, Burglar.
Alarms, Fire, Manual & Automatic Systems.
Alarms, Fire, Thermostatic Systems.
Alternators.
Ammeters & Voltmeters.
Annunciators.
Armature re-winding & Commutator refilling.
Arresters, Lightning.
Arresters, Spark.
Bars, Commutator.
Bases, Battery Cut-out.
Bases, Incandescent Lamp.
Bases, Trolley.
Batteries, Closed Circuit.
Batteries, Dry.
Batteries, Open Air Circuit, Wet.
Batteries, Primary.
Batteries, Storage.
Battery Chemicals.
Battery Coppers.
Battery Jars.
Battery Zincs.
Bearings, Electric, etc.
Bells, Electric.
Bells, Telephone.
Boards, Hanger.
Boards, Panel, etc.
Bolts, Cross Arm.
Boxes, District Call.
Boxes, Fuse.
Boxes, Junction or Outlet.
Braces, Cross Arm.
Brackets, Electric House.
Brackets, Trolley Pole.
Brakes, Electric Car.
Breakers, Circuit.
Brooms & Brushes, Track.
Brushes, Carbon.
Brushes, Commutator.
Brushes, Sheet Metal.
Brushes, Woven Wire.
Burners, Electrical & Lighting.
Cables, Lead Covered.
Cables, Submarine.
Carbons, Arc Light.
Carbons, Battery.
Carbons, Search Light.
Cars, Street & Electric.
Castings, various kinds.
Clamps, Linemen's Splicing.
Clamps, Pole.
Cleats, Porcelain or Clay.
Climbers, Linemen's.
Clocks, Electric.
Clocks, Electric Alarm.
Clocks, Electric Time System.
Clocks, Program.
Clocks, Self-Winding, Electric.
Cloth, Insulating.
Clutches, Arc Lamp.
Clusters, Fixture.
Coils, Induction.
Coils, Resistance.
Coils, Spark.
Comealongs, or Wire Pullers.
Commutator Truing Device.
Compounds, Commutator.
Condensers, Electric.
Conduit Threading Machines.
Conduits.
Connectors, Trailer.
Connectors, Trolley.
Connectors, Wire, etc.
Controllers, Electric Speed.
Controllers, Railway Motor.
Cooking Apparatus, Electric.
Copper, Dynamo Brush.
Copper for Commutator Bars.
Cord, Flexible.
Cords, Trolley, Arc Lamps, etc.
Covers, Battery Jars.
Cross Arms, Brackets, etc., Steel.
Cross Arms, Brackets & Pins, Wood.
Cut-Outs.
Detectors, Ground.
Door Openers, Electric.
Drills, Electric.
Dumb Waiters, Electric.
Dynamos & Motors.
Dynometers.
Electric Bells.
Electric Blasting Apparatus.
Electric Crosses.
Electric Light Central Stations.
Electric Light Generators.
Electric Power Generators.
Electric Railway Contractors.
Electric Time System.
Electric Welding.
Electric Welding Apparatus.
Electrical Contractors.
Electrical Supplies.
Electricians.
Elevator Controllers, Electric.
Elevators, Electric.
Engineers, Electric.
Fans, Ceiling.
Fans, Electric.
Felt, for Electrical Purposes.
Fibre, for Electrical Work.
Forges, Electric Fluid.
Forgings, Electric Railway.
Fountains, Electric.
Fuse Blasting.
Fuse, Wire.
Fuses.
Galvanometers & Bridges.
Gas Engine Igniters.
Gauges, Battery.
Gears & Pinions, Electric Railway.
Globes for Incandescent Light.
Gongs, Electro Mechanical.
Handles, Brake.
Handles, Circuit Breaker.
Hangers, Arc Lamp.
Hangers, Trolley Wire.
Headlights, Electric.
Heaters, Electric.
Heaters, Electric Car.
Hoists, Electric.
Hoists, Electric Mining.
Holders, Brush.
Holders, Carbon.
Holders, Electric Lamp.
Holders, Shade.
Hoods & Protectors, Arc Lamp.
Instruments, Telegraph.
Instruments, Testing & Measuring, Electric.
Insulating Compounds.
Insulating Fibre.
Insulating Joints..
Insulating Materials.
Insulating Paints.
Insulating Papers.
Insulating Varnish.
Insulator Stud & Straight Hanger.
Insulators.
Insulators, Link Ball, Strain.
Insulators, Third Rail.
Insulators, Tree.
Insualtors, Trolley.
Iron & Steel, Electrical.
Lamp Bulbs, Incandescent.
Lamp Sockets, Incandescent.
Lamps, Arc.
Lamps, Arc Photo Engraving.
Lamps, Arc Series.
Lamps, Incandescent, Electric.
Lamps, Incandescent, Miniature.
Latches, Electric.
Laundry Supplies, Electric.
Locomotives, Electric.
Locomotives, Electric Mining.
Motors.
Motors, Automobile.
Moulding, Electrical, Wood.
Ohmeters.
Paints, Insulating.
Poles, Iron & Steel Trolley.
Poles & Posts, Wood.
Posts, Arc Lamp.
Posts, Binding.
Projectors or Search Lights.
Pulleys, Arc Lamp.
Pumps, Electric.
Push Buttons.
Rail Bonds.
Rheostats.
Slate for Electrical Purposes.
Registers, Fare.
Sockets.
Soldering Paste, Salts & Stick.
Switchboards, Light & Power.
Switchboards, Telephone.
Switches, Flush, Snap & Push.
Switches, High Voltage.
Switches, Knife.
Switches, Snap, Ordinary.
Tape, Insulating.
Telephone Mouthpieces.
Terminals, Fuse.
Tools, Meter Sealing.
Transformers.
Trolley Ears.
Trolley Harps & Forks.
Trolley Line Materials.
Trolley Pole Catchers.
Washers, Insulating.
Wattmeters.
Wattmeters, Prepaying Recording.
Wheels Trolley.
Wheels, Trolley, Ice Cutting.
Windlasses, Arc Lamp.
Woodwork, Electrical.

Electric Bells

(See Bells, Electric.)

Electric Blasting Apparatus

(See also Blasting Fuses, Caps, etc.)

INGERSOLL-SERGEANT DRILL CO., Havemeyer bldg, New York; Old Colony bldg, Chicago, & Williamson bldg, Cleveland, O. (See adv. index, end of book)
Laflin & Rand Powder Co., 99 Cedar, New York
Macbeth, Jas. & Co., 128 Maiden lane, New York
Rendrock Powder Co., 128 B'way, N. Y.
Rogers, Jno. M., Gloucester, N. J.
Standard Fuse Co., Winfield Junction, N. Y.

Electric Blue Print Copies

PITTSBURG BLUE PRINT CO., Park bldg, Pittsburg, Pa. (See adv. index, end of book)

Electric Blue Printing

PITTSBURG BLUE PRINT CO., Park bldg, Pittsburg, Pa. (See adv. index, end of book)

Electric Clocks

(See Clocks, Electric.)

Electric Door Openers

(See Door Openers, Electric.)

Electric Elevator Signals

ELEVATOR SUPPLY & REPAIR CO., 34-36 W Monroe, Chicago, Ill., & 136 Liberty, N. Y. (See adv. below)



Electric Generators

(See Generators, various kinds.)

Electric Lamps

(See Lamps, various kinds.)

Electric Light Central Stations

ALABAMA.

ANNISTON—Anniston Gas & Light Co.
ATTALLA—Attalla Foundry & Machine Co.
BIRMINGHAM—Consolidated Electric Co.
DECATUR—(See New Decatur)
DEMOPOLIS—Demopolis Elec. Lt. & P. Co.
EUFAULA—Eufaula Gas, Electric Light & Power Co.
EUTAW—Eutaw Water Works, E. & Power Co.
GIRARD—See Atlanta, Ga.
HUNTSVILLE—Huntsville Railway L. & Power Co.
MOBILE—Electric Lighting Co. of Mobile
Mobile Light & Railway Co.
MONTGOMERY—Montgomery L. & Power Co.
West D. P. (Hotel Elec. Plant)
NEW DECATUR—Decatur L., Power & Fuel Co.
OPELIKA—Alabama Electric Light & Power Co.
PHOENIX CITY—See Atlanta, Ga.
PRATTVILLE—Prattville Light & Power Co.
SELMA—Selma Lighting Co.

ALASKA.

JUNEAU—Alaska Elec. Lt. & Power Co.
SKAGWAY—Alaska General Electric Co.
Alaska General Elec. Co.
Northwest Light & Power Co.

ARIZONA.

CROWN KING—Crown King Mining Co.
FLAGSTAFF—Flagstaff Elec. Lt. Co.
MESA—Mesa Light & Power Co.
NOGALES—Nogales Elec. Lt., Ice & Water Co.
PHOENIX—Phoenix Light & Fuel Co.
PRESCOTT—Prescott Electric Co.
TEMPE—Tempe Light & Power Co.
TUCSON—Tucson Gas, Electric Light & Power Co.
WILLIAMS—Grand Canon Lt. & Pow. Co.
YUMA—Yuma Water & Light Co.

ARKANSAS.

ARGENTA STATION—North Little Rock Ice & Elec. Co.
ARKADELPHIA—Wilson Water & Elec. Co.
BRINKLEY—Citizens' Electric Light & Power Co.
EUREKA SPRINGS—Citizens' Elec. Co.
FAYETTEVILLE—Fayetteville Electric Light & Power Co.
FOREST CITY—Forest City Lt. & Power Co.
FORT SMITH—Ft. Smith Traction, Lt. & Pr.
Ft. Smith & Van Buren Lt. & Transit Co.
HARRISON—Harrison Elec. Light & Ice Co.
HOPE—Town of Hope Elec. Lt. Plant
HOT SPRINGS—Hot Springs Electric Light Co.
JONESBORO—Jonesboro Power Co.
LITTLE ROCK—City Electric Light Plant (City)
Little Rock Edison Electric L. & P. Co.
MALVERN—Malvern Light & Power Co.
MAMMOTH SPRING—Mammoth Spring Elec. Light Co.
MARIANNA—Marianna Gin & Mfg. Co.
MORRILTON—Ashley Elec. Lt. Co.
NEWPORT—Pond & Decker Electric Light Co.
PARAGOULD—Paragould Electric Light Co.
PINE BLUFF—Pine City Electric Co.
SILOAM SPRINGS—City Electric Plant (Municipal)
STUTTGART—Stuttgart Water & Electric Light Co.
TEXARKANA—Texarkana Gas & Electric Light Co
VAN BUREN—Van Buren Electric Light & Power Co.

CALIFORNIA.

ALAMEDA—City Electric Light Works.
ARCATA—Humboldt Mfg. Co.
AUBURN—Bell Electric Co.
BAKERSFIELD—Bakersfield Gas & Electric Light Co.
Power Development Co. (Power Only)
BELMONT—See Redwood City
BENICIA—Solano Elec. Lt. & Gas Co.
BERKELEY—Berkeley Electric Lighting Co.
CASPER—Casper Lumber Co.
CHICO—Chico Gas & Electric Co.
COLTON—City Elec. Light Plant (City Power)
COLUMBIA—See Sonora
EUREKA—Eureka Lighting Co.
EXETER—See Visalia
FERNDALE—Ferndale Elec. Lt. Co.
FRESNO—Fresno Gas & Elec. Light Co.
San Joaquin Elec. Co.
GARDENA—United Electric, Gas & Power Co.
GRASS VALLEY—See Nevada City
HANFORD—Lacey Co., H. G.
HERMOSA BEACH—United Electric, Gas & Power Co.
HOLLISTER—Hollister Lt. & Power Co.
INGLEWOOD—United Electric, Gas & Power Co.
KNIGHTS FERRY—City Elec. Lt. Plant
LINDSAY—See Visalia
LIVERMORE—Livermore Water & Power Co.
LONG BEACH—United Electric, Gas & Power Co.
LOOMIS—See Sacramento
LOS ANGELES—Edison Electric Co., 314 W 3d
Los Angeles Electric Co., 453 S B'way
United Electric, Gas & Power Co.
MADERA—Madera Electric Co.
MARYSVILLE—Marysville Gas & Elec. Co.
MENDOCINO—Mendocino Lighting Co.
MENLO PARK—See Redwood City
MERCED—Merced Falls Gas & Electric Co.
MODESTO—City Elec. Light Plant (City)
MIRAMAR—United Electric Gas & Power Co
MONETA—United Electric, Gas & P. Co.
MONROVIA—United Electric, Gas & P. Co.
MONTEREY—Monterey Electric Light & Development Co.
MONTECITO—United Electric, Gas & P. Co.
MOUNTAIN VIEW—See Redwood City
NAPA—Napa Gas & Electric Co.
NEVADA CITY—Nevada County Gas & Electric Co.
NEW CASTLE—See Sacramento
OAKLAND—Oakland Gaslight & Heat Co.
OCEAN PARK—United Electric, Gas & P. Co.
OROVILLE—Oroville Gas, Elec. Lt. & Power Co.
PACIFIC GROVE—See Monterey
PALO ALTO—See Redwood City
PASADENA—Pasadena Electric Wks.
PASO ROBLES—Sperry Flour Co.
PENRYN—See Sacramento
PETALUMA—Petaluma Gas & Electric Co.
PLACERVILLE—Placerville Elec. Co.
PLEASANTON—See Livermore Water & P. Co., Livermore
POMONA—Edison Elec. Co. of Los Angeles
PORTERVILLE—Porterville Lt. & Pow. Co.
RED BLUFF—Red Bluff E. L. & Gas Co.
Red Bluff Electric Power Co.
REDDING—Northern Cal. Power Co.
REDLANDS—Redlands Gas Co.
Redlands Electrical Co.
REDONDO—United Electric Gas & P. Co.
REDWOOD CITY—United Gas & Electric Co.
RIVERSIDE—See San Bernardino
SACRAMENTO—Capital Gas Co.
Central Cal. Elec. Co. (South Luba Water Co., Owners)
Sacramento Electric, Gas & Ry. Co.
SAN BERNARDINO—San Bernardino Gas & Electric Co.
SAN CARLOS—See Redwood City
SAN DIEGO—San Diego Gas & Elec. Light Co.
SAN FRANCISCO—Bay Counties Power Co., 324 Pine
Blue Lakes Water Co., Crocker bldg
Brooks-Follis Electric Corpn., 527 Mission
California Central Gas & Electric Co., Hayward bldg
California Electrical Wks., 409 Market
Central Light & Power Co., Parrott bldg.
Independent Electric Light & Power Co., 321 Market
Mutual Electric Light Co., 627 Howard
Pacific Light ng Co., 455 Sutter
Sacramento Electric, Gas & Ry. Co., Claus Spreckles bldg
San Francisco Gas & Electric Co., 803 Valencia
SANGER—Pioneer Electric Light Wks.
SAN JOSE—San Jose Electrical Wks.
SAN LEANDRO—San Leandro Gas & E. L. Co.
SAN LUIS OBISPO—San Luis Obispo T. H. Elec. Lt. Co.
SAN MATEO—Consolidated Lt. & Pow. Co.
SAN PEDRO—United Electric, Gas & P. Co. Co.
SAN RAFAEL—San Rafael Gas & Electric Light Co.
SANTA ANA—Santa Ana Gas & Elec. Co.
SANTA ANA CANON—(See So. Cal. Power Co., Los Angeles)
SANTA BARBARA—United Elec. Gas & Pow. Co.
SANTA CLARA—City Elec. Lt. Plant (City)
SANTA CRUZ—Big Creek Power Co. (Power Only)
Santa Cruz Electric Light & Power Co.
SANTA MONICA—United Electric Gas & Power Co.
SANTA ROSA—Santa Rosa Lighting Co.
Santa Rosa Lighting Co.
SELMA—Selma Light & Water Co.
SISSON—Johnson, G. H.
SONORA—Tuolumne County Electric Light & Power Co.
SOUTH PASADENA—(See San Gabriel Elec. Co.),
STOCKTON—Stockton Gas & Electric Co.
SUISUN—Suisun Electric Light Works
SUTTER CREEK—Amador Elec. Ry. & Light Co.
TERMINAL ISLAND—United Electric, Gas & P. Co.
TRUCKEE—Truckee Electric Light & Power Co.
TULARE—Tulare Gas Co.
UKIAH—Ukiah Water & Imp. Co.
VACAVILLE—Vacaville Water & Light Co.
VALLEJO—Vallejo Electric Light & Power Co.
Vallejo Gaslight Co.
VENTURA—Ventura Water, Light & Power Co.
VISALI—Mt. Whitney Power Co.
WATSONVILLE—Watsonville Water & Light Co.
WEAVERVILLE—Weaverville Elec. Co.
WILLOW—Willow Water & Light Co.
Willow Electric Light & Water Co.
WOODLAND—Consolidated E. L. & Gas Co. Power Co.
YUBA—(See Marysville)

COLORADO.

ALAMOSA—Alamosa E. L. & Power Co.
ASPEN—Roaring Fork Electric Light & Power Co.
BLACK HAWK—Gilpin Co. Light, Heat & Power Co.
BOULDER—Boulder Power & Light Co.
BUENA VISTA—Buena Vista Smelting & Refiining Co.
CANON CITY—Cooper Electric Co.
COLORADO SPRINGS—Citizens' Heat, Light & Power Co.
Colorado Springs Electric Co.
Colorado Springs Light & Power Co.
CRESTED BUTTE—Crested Butte Light & Water Co.
DENVER—Denver Gas & Electric Co., 405 17th
Lacombe Electric Co., 1532 Stout
DURANGO—Durango Light & Power Co.
EMPIRE—F. L. Peck (Owner)
FLORENCE—Arkansas Valley Elec. Co.
FORT COLLINS—Fort Collins Electric Co.
GEORGETOWN—United Light & Power Co.
GLENWOOD SPRINGS—Glenwood Light & Water Co.
GOLDEN—Golden Illuminating Co.
GREELEY—Greeley Power & Light Co.
GUNNISON—Gunnison Gas & Water Co.
IDAHO SPRINGS—Seaton Mt. Elec. Lt., Ht. & Pw. Co.
LAFAYETTE—Lafayette-Louisville Elec. Co.
LA JUNTA—La Junta Electric Co.
LEADVILLE—Leadville Gas & Electric Co.
LONGMONT—Longmont Electric Light & P. Co.
MANITOU—Manitou Electric Co.
MONTE VISTA—Monte Vista Electric & Gas Light Co.
OURAY—Ouray Electric Power & Light Co.
PUEBLO—Pueblo Electric Co.
RICO—Colo. E. L. & Power Co.
SALIDA—Edison Electric Light Co.
SILVER PLUME—(See Georgetown)
SILVERTON—Silverton Electric Light & Power Co.
TELLURIDE—Telluride Electric Light & Power Co.
TRINIDAD—Las Animas L., P. & Mfg. Co.
VICTOR—Pike's Peak Power Co.
WALSENBERG—Walsenberg E. L. & Power Co.

CONNECTICUT.

BRANFORD—Branford Electric Light & Water Co.
BRIDGEPORT—Connecticut Railway & Lighting Co., 652 Water
United Illuminating Co., 148 John
BRISTOL—Bristol & Plainville Tramway Co.
DANBURY—Danbury & Bethel Gas & Electric Lighting Co.
DERBY—Derby Gas Co.
GUILFORD—(See Branford)
HARTFORD—Hartford Electric Light Co.
MANCHESTER—Manchester Light & Power Co.
MERIDEN—Meriden Electric Light Co.
MIDDLETOWN—Middletown Electric Light Co.
MYSTIC—Mystic Electric & Gas Light Co.
NAUGATUCK—Conn. Lighting & Power Co., 11 N Main
Conn. Ry. & Lighting Co., 81 Maple
NEW HAVEN—United Illuminating Co.
NEW LONDON—New London Gas & Electric Light Co.
NEW MILFORD—New Milford Electric Light Co.
NORWICH—Norwich Gas & Electric Co.
PUTNAM—Putnam Light & Power Co.
ROCKVILLE—Rockville Gas & Electric Co.
SEYMOUR—Seymour Elec. Light Co.
SHARON—Sharon Electric Light Co.
SOUTH MANCHESTER—S. Manchester L., P. & T. Co.
SOUTH NORWALK—South Norwalk Electric Light Works (City)
STAFFORD SPRINGS—Stafford Springs E. L. Co.
STAMFORD—Stamford Gas & Electric Co.
Stamford Gas & Electric Co.
SUFFIELD—Suffield Electric Light Co.
STONEY CREEK—(See Bradford)
STONINGTON—(See Mystic)
THOMASTON—Thomaston Electric Light Co.
THOMPSONVILLE—Enfield Electric Lt. & Pr. Co.
TORRINGTON—Torrington Electric Light Co.
WATERBURY—Conn. Railway & Lighting Co. 571 Bank
WESTPORT—Westport Water & Electric Ligh Co.
WEST WINSTED—Winsted Gas Co.
WILLIMANTIC—Willimantic Gas & Electric Light Co.
WINDSOR—Windsor Locks Electric Lighting Co.
WINSTED—Winsted Gas Co.

DELAWARE.

DOVER—Dover Gaslight Co.
MIDDLETOWN—Town of Middleton Light & Water Commission
NEWARK—Electric Light & Water Wks.
SMYRNA—Smyrna Electric Light Co.
WILMINGTON—Wilmington Gas & Electric Co

DISTRICT OF COLUMBIA.

WASHINGTON—Potomac Electric Power Co., 213 14th, n. w.
United States Electric Lighting Co., 213 14th, n. w.

FLORIDA.

APALACHICOLA—Apalachicola Electric Light & Telephone Co.
BARTOW—Bartow Electric Light Co.
DE LAND—(See Stetson.)
FERNANDINA—City of Fernandina Lighting Plant (City)
JACKSONVILLE—Jacksonville Electric Light Co.
KEY WEST—Key West Electric Co.
Key West Electric Light & Power Co.
LAKE CITY—Lake City Electric & Water Co.
LAKELAND—Lakeland Electric Light & Power Co.
OCALA—Ocala Elec. Lt. Plant (City)
PALATKA—Palatka Gas Light & Fuel Co.
PENSACOLA—Escambia County Electric Light & Power Co.
PORT TAMPA CITY—Port Tampa Light & Power Co.
QUINCY—Quincy Electric Light & Ice Co.
ST. AUGUSTINE—St. Augustine Gas & Electric Light Co.
ST. PETERSBURG—St. Petersburg Electric Light & Power Co.
TAMPA—Tampa Electric Co.
Tampa Illuminating Co.
TITUSVILLE—Titusville Electric Light Co.

GEORGIA.

AMERICUS—Americus Illuminating & Power Co.
ATHENS—Athens Electric Railway Co.
ATLANTA—College Park Elec. Lt. Co.
Ga. Ry. & Elec. Co.
AUGUSTA—Augusta Railway & Electric Co.
BAINBRIDGE—Bainbridge Electric Light & Ice Co.
BRUNSWICK—Brunswick Electric Supply Co.
CARROLTON—Carrollton Electric Co.
CARTERSVILLE—Cartersville Light & Power Co.
COLUMBUS—Columbus R. R. Co. Lighting Dept.
CORDELE—Citizens' Elec. Lt. & P. Co.
CUTHBERT—City owns the plant.
DAWSON—Dawson Elec. Light Plant (City)
DUBLIN—Dublin Light & Water Works (City)
ELBERTON—City Electric Light Plant (City)
GAINESVILLE—City Electric Light Plant.
GRIFFIN—City Light & Water Works (City)
HAWKINSVILLE—Hawkinsville Lt. & Ice Co.
LA GRANGE—La Grange Mills
MACON—Macon Gas Light & Water Co.
Macon Electric Light & Railway Co.
MADISON—City Electric Light Co.
MARIETTA—Marietta Elec. Co.
MILLEDGEVILLE—Milledgeville Electric Light Co.
MONTEZUMA—Twin Bridge Electric Light & Power Co.
NEWNAN—Newnan Light & Power Co.
ROME—Rome Gaslight Co.
Woodruff Electric Co.
SAVANNAH—Savannah Electric Co.
TALLAPOOSA—Vernon Light & Power Co.
THOMASVILLE—Thomasville Elec. Lt. & Gas Co.
VALDOSTA—Valdosta Ice & Mfg. Co.
WASHINGTON—City Public Works
WAY CROSS—Satilla Mfg. Co.
WEST POINT—City Elec. Light Plant (City)

HAWAIIAN ISLANDS.

HAWAII—Hilo Electric Light Co.—Hilo
HONOLULU—Government Elec. Lt. System
Hawaiian Electric Co. (Ltd.)
Oceanic Gas & Electric Co.

IDAHO.

BOISE—Boise-Payette River Electric Power Co.
BURKE—Canyon Creek Electric Co.
COEUR D'ALENE—Coeur d'Alene Electric Light Co.
Couer d'Alene Water & Light Co.
HAILEY—City Electric Light Plant (City)
LEWISTON—Lewiston Light Co.
MOSCOW—Moscow Elec. Lt. & Power Co.
MULLAN—Mullan Elec. Lt. & Power Co.
POCATELLO—Pocatello Power & Irrig. Co.
WALLACE—Wallace Light & Power Co.

ILLINOIS.

ABINGDON—Abingdon Electric Co.
ALEDO—Lair & Marquis
ALEXIS—Bruington, J. B.
ALTON—Alton Railway, Gas & Electric Co.
AMBOY—Amboy Lighting & Power Co.
ANNA—Anna Electric Light Plant (H. L. Nordling, Propr.)
ARCOLA—Woodworth Electric Light & Power Plant (S. L. Woodworth, Propr.)
ASSUMPTION—National Mfg. & Electric Co.
ASTORIA—Astoria Electric Light, Heat Power Co.
ATLANTA—Atlanta Elec. Lt. & Power Co.
AURORA—Aurora Electric Supply Co.
AUSTIN—(See Oak Park.)
AVON—Avon Milling & Mfg. Co.
BARRINGTON—Barrington Electric Light & Power Co.
BARRY—Hillman, E. B.
BATAVIA—City of Batavia Plant
BEARDSTOWN—Beardstown Electric Light & Power Co.
BELVIDERE—Belvidere Gas & Elec. Co.
BEMENT—Bement Electric Light & Power Co.
BLANDINSVILLE—Wright, W. P.
BLOOMINGTON—Consumers' Heat & Electric Co.
Union Gas & Electric Co.
BLUE ISLAND—City Electric Light Plant.
BRADFORD—Bradford Electric Light Co.
BUSHNELL—Bushnell Electric Light & Power Co.
CAIRO—Cairo Electric Light & Power Co.
Egypt Electric Co.
CAMBRIDGE—Cambridge Electric Lt. & P. Co.
CAMP POINT—Berrian, W. A. & Co.
CANTON—Peoples' Gas & Electric Light Co.
CARBONDALE—Carbondale Lighting Co.
CARLINVILLE—Carlinville Gas & Electric Light Works
CARMI—Wust, Geo., Jr.
CARROLLTON—Carrollton Elec. Lt. & Pr. Co.
CARTERVILLE—Hope, A. C.
CARTHAGE—Carthage Elec. Lt. & Power Co.
CENTRALIA—Centralia Light & Power Co.
CHAMPAIGN—Urbana & Champaign Ry., Gas & Electric Co.
CHARLESTON—Charleston Lt., Ht. & Pr. Co.
CHATSWORTH—Stanford, D. J.
CHENOA—McDonald, C. C.
CHESTER—Chester Light, Water & Ice Co.
CHICAGO—Chicago Edison, 139 Adams
Commonwealth Electric Co., 139 Adams
Consolidated Ry., Electric Lighting & Equipment Co., 83 W Jackson boul
Cosmopolitan Electric Co.
Dearborn Lighting Co., 309 Dearborn
CHICAGO HEIGHTS—Chicago Heights Electric Co.
CHILLICOTHE—Dailey, J. S.
CISSNA PARK—Baumgartner, E. (Owner)
COAL CITY—City Electric Light Plant (City)
COLCHESTER—Colchester E. L. & Pr. Co.
COLFAX—Dorland, Jos.
COLLINSVILLE—Collinsville Elec. Lt., Heat & Pr. Co.
COLUMBIA—Eagle Electric Co.
CORNELL—Rhodes, M. J.
DANVILLE—Danville Street Ry, & Light Co.
DECATUR—Decatur Electric Co.
Decatur Gas & Electric Co.
DE KALB—De Kalb-Sycamore Electric Co.
DELAVAN—Royal Electric Light & Power Co.
DIXON—Dixon Power & Lighting Co.
DUNDEE—Citizens' Light, Heat & Power Co.
EARLVILLE—Wilson, John T.
EAST ST. LOUIS—Citizens' Electric Light & Power Co.
EDWARDSVILLE—Edwardsville Electric Light & Power Co.
EFFINGHAM—Effingham Electric Light & Power Co.
ELDORADO—City Electric Light Plant
ELGIN—City of Elgin
Elgin City, Carpentersville & Aurora Ry. Co.
ELMHURST—Elmhurst Elec Lt. & Pr. Co.
ELMWOOD—Brown, E. L.
EL PASO—Gray, Hermos.
EUREKA—McDonald, C. C. (Owner)
EVANSTON—Evanston Elec. Ill. Co.
FAIRBURY—Fairbury Elec. Lt., Ht. & Pr. Co
FAIRFIELD—Fairfield Woolen Mills
FARMER CITY—City Elec. Light Plant (City)
FARMINGTON—Farmington Electric Light Co.
FORREST—Blair, A. A.
FREEPORT—Freeport Railway Light & Power Co.
FULTON—Fulton Elec. Light & Power Co.
GALENA—Galena Electric Light & Waterworks (Municipal)
GALESBURG—Galesburg Gas & Elec. Light Co.
GARDNER—Anderson, Christian
GENESEO—Geneseo Electric Light Co.
GENEVA—City of Geneva Electric Light & Waterworks
GENOA—Genoa Electric Light Co.
GIBSON CITY—Le Fevre, S. J.
GILLESPIE—Gillespie Electric Light Co.
GRAND RIDGE—Williams, Elmer B.
GREENFIELD—Greenfield Electric Light Co.
GREENVILLE—Greenville Electric Light, Heat & Power Co.
HARLEM—(See Oak Park.)
HARRISBURG—Harrisburg Water, Light & Power Co.
HARVARD—Smith, F. L., Electric Co.
HAVANA—Havana Electric Co.
HENRY—Henry Electric Co.
HIGHLAND PARK—Highland Park Electric Light Co.
HILLSBORO—Hillsboro Elec. Lt. & Power Co.
HOMER—Homer Light & Power Co.
HOOPESTON—Hoopeston Elec. Lt. & Htg. Co.
IPAVA—Foote, C. F.
JACKSONVILLE—Jacksonville Electric Light Plant (City)
Jacksonville Gas Light & Coke Co.

JERSEYVILLE—Jerseyvilie Light, Heat & Power Co.
JOLIET—Economy Light & Power Co.
JONESBOROUGH—(See Anna.)
KANKAKEE—Kankakee Electric Light Co.
KEITHSBURG—Keithsburg Elec. Lt. & Power Co.
KEWANEE—Kewanee Lt. & Pwr. Co.
KINMUNDY—City Electric Lt. Piant (Municipal)
KIRKLAND—McQueen, John
KNOXVILLE—Knoxviile Elec. Lt. & Power Co.
LACON—Lacon Electric Light Co.
LAFAYETTE—Atherton, J. S.
LA HARPE—La Harpe Elec. Lt. & Power Co.
LANARK—Vaientine, J. T.
LA SALLE—City Electric Light Plant
Marquette Heating & Lighting Co.
Peru-La Salle Gas Lt. & Power Co.
LAWRENCEVILLE—Lawrenceville Water & Light Co.
Twin City Gas Lt. Co.
LEBANON—Lebanon City Ltg. Piant (City)
LEMONT—Lemont Elec. Lt. & Power Co.
LE ROY—Le Roy Elec. Lt., Power & Heat Co.
LEWISTOWN—Lewistown, E. L., H. & P. Co.
LEXINGTON—Lexington Eiec. Light Co.
LITCHFIELD—Litchfield Gas & Electric Co.
LOCKPORT—Norton & Co.
LODA—Loda Elec. Lt., Water & Tel. Co.
LOUISVILLE—City Light & Water Plant (Municipal)
LOVINGTON—Lewis, A. J., & Co.
M'LEANSBORO—City Elec. Lt. Plant (City)
MACKINAW—Thompson, S. A.
MACOMB—Macomb E. L. & Gas Co.
MARENGO—City Light & Water Works (City)
MARION—Marion Elec. Lt. & St. Ry. Co.
MAROA—Maroa Elec. Lt. Co.
MARSAILLES—City owns the plant
MARSHALL—Marshall Electric Co.
MASCOUTAH—Mascoutah Eiec. Light Co.
MASON CITY—Abbott, A. E.
MATTOON—Mattoon City Elec. Lt. Piant (City)
Mattoon Ht., Lt. & Power Co.
MAYWOOD—Maywood & Proviso E. L. & Power Co.
MEDORA—Strunk & Bro.
MENDOTA—Mendota Light & Heat Co.
MEREDOSIA—Skinner, Chester M.
METROPOLIS—City Elec. Lt. Plant (City)
MILFORD—Miiford Eiec. Lt., Power & Trans. Co.
MILLSTADT—City Elec. Lt. Plant (City)
MINONK—Minonk Eiectric Light & Power Co.
MOLINE—Peoples' Power Co.
MOMENCE—Momence E. L. Co.
MONMOUTH—Edison Iiiuminating Co.
MONTICELLO—Monticello Electric Light Co.
MORGAN PARK—Village Elec. Lt. Piant (Village)
MORRIS—Fields Electric Light Co.
MORRISON—Morrison E. L. & Power Co.
MORRISONVILLE—Cloyd, Jas. J.
MORTON—Beyer Bros. & Co.
MOUND CITY—Mound City Water, Lt., Power, Heat & Mfg. Co.
MT. CARMEL—Mt. Carmel Lt. & Water Co.
New Electric Co.
MT. CARROLL—Mt. Carroll Elec. Lt. & Power Co.
MT. OLIVE—Village Elec. Lt. Plant (Viilage)
MT. PULASKI—West & Vail.
MT. STERLING—Mt. Sterling E. L. & Power Co.
MT. VERNON—Citizens' Gas, Electric & Heating Co.
MOWEAQUA—Moweaqua Elec. Lt. Co. (Geo. T. Turner, Propr.)
MURPHYSBORO—Murphysboro Water, E & Gaslight Co.
NASHVILLE—Nashville Electric Light Co.
NEW ATHENS—New Athens Elec. Lt. & Power Co.
NEWTON—City Elec. Lt. Plant (City)
NOKOMIS—Nokomis Elec. Lt. & Power Co.
NORMAL—Normal E. L. & Power Co.
NUNDA—Citizens' Elec. Lt. & Mfg. Co.
OAKLAND—Hardin, J. W.
OAK PARK—Cicero Light, Heat & Power Co.
O'FALLON—O'Fallon Elec. P., Heat & Water Co.
OHIO—Kegwin & Eick
OLNEY—Oiney Electric Light & Power Co.
ONARGO—Owen, Jas. E.
OREGON—Oregon Elec. Lt. & Power Co.
OTTAWA—Ottawa Ry., Lt. & Power Co.
PALMYRA—Chiles, J. A. (Owner)
PANA—Pana Modern Electric Power & St. Ry. Co.
PARIS—City Electric Light Plant
PARK RIDGE—Park Ridge Eiec. Lt. Works (I. Schissel, owner)
PAXTON—Paxton Electric Co.
PECATONICA—Lindner, E.
PEKIN—Citizens' Gas & Electric Co.
PEORIA—Peoria Electric Co.
Peoria Gas & Electric Co.
Peoria General Electric Co.
PEOTONE—Yung & Fedde
PERU—Peru City Elec. Lt. Plant (City)
PETERSBURG—Abbott Bros.
PINCKNEYVILLE—Pinckney Elec. Light Co.
PIPER CITY—Lewis Bros. & Brett
PITTSFIELD—Pittsfield Eiec. Light & Power Co.
PLANO—PLANO Ht., Lt. & Power Co.
PLYMOUTH—Holmes, Oscar
POLO—Polo Elec. Light Co. (M. Snyder, owner)
PONTIAC—Pontiac Light & Water Co.
POTOMAC—Scott, F. D.
QUINCY—Quincy Gas & Electric Co.
RANTOUL—City Elec. Lt. & Water Works
RAYMOND—Raymond Electric Light Co.
RIDGEFARM—Ridgefarm Eicctric Light, Heat & Power Co.
RIDGELY—See Springfield
RIVER FOREST—See Maywood
ROBINSON—Robinson Water, Light & Hea Co.
ROCHELLE—City Elec. Lt. Plant (City)
ROCK FALLS—City Elec. Lt. Piant (City)
ROCKFORD—Rockford Edison Co.
ROCK ISLAND—People's Power Co.
ROODHOUSE—Roodhouse Elec. Light Plant
ROSEVILLE—Lewis & Gossett
ROSSVILLE—Rossville Caning Co.
RUSHVILLE—Rushvilie E. L. Co.
RUTLAND—Webber, J. S.
ST. ANNE—St. Anne Lt. & Water Co.
ST. CHARLES—City Eiec. Light Plant (City)
SANDWICH—City Elec. Lt. Plant (City)
SAVANNA—Pulford Elec. Lt. Co.
SHAWNEETOWN—Shawneetown Elec. Co.
SHEFFIELD—Sheffield Eiec. Lt. Co.
SHELBYVILLE—Trout, H. B.
SHELDON—Sheldon Electric Light Co.
SIDELL—Sidell Elec. Lt., Cold Storage & Ice Co.
SPARTA—Sparta Elcctric & Gas Co.
Sparta Electric Light Plant
SPRINGFIELD—Capitol Elec. Co.
Springfield Electric Light & Power Co.
SPRING VALLEY—Spring Valley Eiec. Lt. Co.
STAUNTON—City Eiec. Lt. Piant (City)
STERLING—Sterling Gas & Electric Lt. Co.
STREATOR—Streator Gas & Light Co.
STRONGHURST—Lt. & Milling Co.
SULLIVAN—Sullivan Elec. Co.
TABLE GROVE—Table Grove Elec. Lt. Co.
TAMPICO—West, De Witt (Owner)
TAYLORVILLE—Taylorville Eiec. Co.
TOULON—Toulon Electric Lt. & Power Co.
TREMONT—Koch, Benj. C.
UPPER ALTON—See Alton
URBANA—(See Champaign)
UTICA—Grove, H. P.
VANDALIA—Vandalia Light & Fuel Co.
VIENNA—McCartney, Mrs. I. H.
VIRGINIA—Virginia Elec. Light Co.
WALNUT—Walnut Elec. Lt. Co.
WARSAW—Hillman, E. B.
WASHINGTON—Eagle Electric Wks.
WATSEKA—Watseka Electric Light & Heating Co.
WAUKEGAN—Waukegan Elcc. Light Co.
WAVERLY—Waverly Elec. Lt. & P. Co.
WENONA—Wenona Lt. & Power Co.
WEST CHICAGO—Dempsey, Andrew
WHITE HALL—White Hall Elec. Co.
WILMINGTON—Wilmington E. L. & Power Co
WINCHESTER—Winchester Elec. Lt. Co.
WOODHULL—Woodhull Electric Light Co.
WOODSTOCK—City Eiec. Lt. Plant
WYOMING—Hiliman, E. B. (Owner)

INDIANA.

ALBANY—Albany Water & Lt. Co.
ALEXANDRIA—Alexandria Elec. Lt. & P. Co.
ANDERSON—City Elec. Lt. Plant
ANGOLA—Central Eiec. Lt. Co.
AUBURN—Auburn Water & Elec. Lt. Plant (City)
AURORA—Aurora Gas Lt., Coal & Coke Co.
BEDFORD—Bedford Elec. Light & Power Co.
BLOOMFIELD—Bloomfield Light, Heat & Power Co.
BLOOMINGTON—People's Gas, Electric & Heating Co
BOONVILLE—Boonville E. L. & Power Co.
BOSWELL—Boswell Electric Light Co.
BRAZIL—Bali, P. Dee
BREMEN—Bremen Elec. Lt. Plant (City)
BROOKVILLE—Brookville Electric Co.
BUTLER—Butler Elec. Lt. & Water Works (City)
CANNELTON—Cannelton Elec. Lt., Heat & Power Co.
CHRISNEY—Chrisney Canning Co.
CHURUBUSCO—City Elec. Lt. Piant
CLAY CITY—Clay City Elec. Lt. Co.
CLINTON—Ciinton E. L. & Power Co.
COLUMBIA CITY—City Elec. Light Co. (City)
COLUMBUS—City Electric Light Plant (City)
Crumps, J. S.
CONNERSVILLE—Connersville General Gas, Elec. & Power Co. (Egbert, Griffin & Sly, Owners)
CONVERSE—Converse Eiec. Lt. Co.
CORYDON—Corydon Electric Light & Power Co.
CRAWFORDSVILLE—Crawfordsville Water & Light Co.
CROWN POINT—Crown Point Eiec. Co.
DANVILLE—Danville Elec. Lt. Co.
DELPHI—Carroll Electric Light & Power Co.
EAST CHICAGO—Famous Mfg. Co. (City owns plant)
ELKHART—Home Elec. Co.
ELWOOD—Elwood Eiec. Lt. Co.
EVANSVILLE—Evansville Gas & El. L. Co.
FAIRMOUNT—Fairmount Electric Light Co. (Gilbert La Rue, Propr.)
FERDINAND—Beckman & Dilger.
FORT WAYNE—Jenney Electric Light & Power Co.
FRANKFORT—Franklin Electric Co.
Indiana National Ill. Gas Co.
FRANKLIN—Franklin Water, Light & Power Co.
GOODLAND—Town Elec. Lt. Plant (City)
GOSHEN—City Electric Light Plant (City)
Hawks Elec. Co., The
GOSPORT—Gosport Elec. Lt. Co.
GREENCASTLE—Greencastle Elec. Lt. Co.
GREENSBURG—Greensburg Gas & Elec. Co.
Greensburg Power, Fan & Light Co.
HAMMOND—Hammond Illuminating Co.
HARTFORD CITY—Hartford City Lt. & Power Co.
HUNTINGTON—City owns the plant
Huntington Light & Fuel Co.
INDIANAPOLIS—Central Power Co., 28 E Georgia
Home Heating & Lighting Co., 16th & Alabama
Indianapolis Light & Power Co., 48 Monument pl
IRVINGTON—See Indianapolis Lt. & Power Co.
JASPER—Jasper Elec. Lt. Co.
JEFFERSONVILLE—United Gas & Electric Co.
KENDALLVILLE—City Elec. Lt. Plant (City)
KENTLAND—Rider, Geo. D.
KNOX—Knox Elec. Lt. & P. Co.
KOKOMO—Kokomo Gas Light & Coke Co.
Kokomo Ry. & Lt. Co.
LADOGA—Epperson, W. F. Circle Heading & Light Co.
LAFAYETTE—Merchants' Elec. Lt. Ass'n
LA GRANGE—La Grange Elec. Lt. Co.
LA PORTE—La Porte Electric Co.
LAWRENCEBURG—Lawrenceburg Light Co.
LEBANON—Citizens' Elec. Lt. & Ice Co.
LIGONIER—Ligonier Elec. Lt. Co.
LOGANSPORT—City Elec. Lt. Plant (City)
MADISON—Madison Gas & Elec. Lt. Co.
Madison Lighting Co.
Madison Lt. & Ry. Co.
MARION—Marion Lt. & Heat Co.
MARTINSVILLE—Martinsville Eiec. Co.
MICHIGAN CITY—Lake Cities Elec. Ry. Co.
Root Mfg. Co.
MIDDLEBURY—Welsh, Anna D.
MISHAWAKA—City Electric Lt. Station (city)
MITCHELL—Municipal Elec. Lt. Plant
MONTICELLO—Monticello Light & Power Co.
MONTPELIER—Montpelier Lt. & Water Co.
MOORESVILLE—Mooresville Elcc. Lt. Plant (A. B. Calvert, owner)
MT. VERNON—Gonnerman, Wm. & Co.
MUNCIE—City owns the plant
Muncie Electric Light Co.
NAPPANEE—City Elec. Lt. Plant (city)
NEW ALBANY—United Gas & Electric Co.
NEWBURG—Lacke, Geo. F.
NEW CASTLE—City Elcc. Lt. Piant (city)
NEW HARMONY—New Harmony Elec. Lt Co.
NOBLESVILLE—Noblesville Light & Ice Co.
NORTH MANCHESTER—Browne, J. A., & Co., Electric Co.
NORTH VERNON—City Elec. Lt. Plant
OAKLAND CITY—Oakland City Elec. Light & Power Co.
ODON—Odon Lt. & Power Co.
OXFORD—City Elec. Lt. Plant (city)
PERU—Peru City Lighting Plant

PETERSBURG—Petersburg Elec. Lt., Power & Water Works
PLYMOUTH—Plymouth Elec. Lt. Co.
PRINCETON—Princeton Lt. & Power Co.
RENSSELAER—City Elec. Light Plant (city)
RICHMOND—Richmond Light, Heat & Power
Richmond Light, Heat & Power Co. Co.
ROACHDALE—Roachdale Elec. Lt. & Power Co.
ROCHESTER—Rochester Elec. Light Co.
ROCKPORT—Rockport Water Works
RUSHVILLE—City owns the plant
SALEM—Salem E. L. & Artificial Ice Co.
SEYMOUR—Seymour Gas & Electric Light Co.
SHERIDAN—City Elec. Lt. Plant
SO. BEND—So. Bend Elec. Co.
SPENCER—Spencer Elec. L. Co.
SULLIVAN—Sullivan Heat, Light & Power Co.
SUMMITVILLE—Summitville Electric Light & Power Co.
TELL CITY—Tell City Electric Light Co.
TERRE HAUTE—Terre Haute Elec. Co.
TIPTON—Tipton Light, Heat & Power Co.
UNION CITY—Union City Lighting Co.
VALPARAISO—Valparaiso Light & Fuel Co.
VAN BUREN—Huntington Light & Fuel Co.
VEEDERSBURG—City Elec. Lt. Plant
VEVAY—City Elec. Lt. Plant (city)
VINCENNES—City Elec. Lt. Co.
Vincennes Electric Light & Power Co.
WABASH—Wabash Electric Light Co.
WARSAW—Warsaw Water Co.
WASHINGTON—Washington Gas Co.
WAYNETOWN—Waynetown Electric Co.
WHITING—Whiting Elec. Lt. Co.
WINCHESTER—Citizens' Water & Light Co.
WORTHINGTON—Indiana Water & Light Co.

INDIAN TERRITORY.

ARDMORE—Ardmore Elec. Co.
CHICKASHA—Chickasha Elec. Co.
DURANT—Durant Elec. Light & Ice Co.
MIAMI—Reneker, H. F.
MUSCOGEE—Muscogee Ice & Power Co.
PURCELL—Willard, R. E.
SOUTH McALESTER—South McAlester Elec.
VINITA—Vinita Elec. Lt., Ice & Power Co.
WAGONER—Wagoner Lt. & Power Co.

IOWA.

ACKLEY—Ackley Elec. & Gas Co.
ADEL—Adel Mill Co.
AFTON—City owns the plant (J. J. Baxter, lessee)
ALBIA—Albia Elec. Lt. & Power Co.
ATLANTIC—Atlantic E. L. Co.
AUDUBON—Audubon Elec. Light Plant
AVOCA—Avoca E. L. & Power Co.
BEDFORD—Wiley, C. Wilbur
BELLE PLAINE—Belle Plaine Elec. Lt. Co.
BELMOND—Belmond Light & Fuel Co.
BLOOMFIELD—City Elec. Lt. & Power Plant (city)
BOONE—Boone Electric Co.
BRITT—Britt Lt. & Power Co.
BUFFALO CENTER—Boone, Eunice A.
BURLINGTON—Burlington Gas Light Co.
Burlington Ry. & Light Co.
CARROLL—Carroll Elec. Light & Power Co.
CASCADE—Cascade Elec. Lt. & Power Co.
CEDAR RAPIDS—Cedar Rapids Elec. Lt. & Power Co.
CENTERVILLE—Citizens' Electric Light & Gas Co.
CHARITON—City Elec. Lt. Plant (city)
CHARLES CITY—Charles City Electric Light & Power Co.
CHEROKEE—Cherokee E. L. Co.
CLARINDA—Clarinda E. L. & Power Co.
CLARION—City Elec. Lt. Plant (city)
CLEAR LAKE—Clear Lake Elec. L. & P. Co.
CLINTON—Clinton Gas Light & Coke Co.
COLFAX—Colfax Elec. Lt. & P. Co.
COON RAPIDS—Coon Rapids Elec. Lt. & Power Co.
CORNING—Corning Elec. Co.
CORYDON—City Elec. Lt. Plant
COUNCIL BLUFFS—Citizens' Gas & Electric Co.
CRESTON—Creston Gas & Electric Co.
Creston Electric Ry., Light, Heat & Power Co.
DAVENPORT—Davenport Gas & Electric Co.
DECORAH—Decorah Elec. Light Co.
DENISON—Denison Elec. Lt. & P. Co.
DES MOINES—Des Moines Edison Light Co.
DE WITT—De Witt Elec. Lt. & P. Co.
DUBUQUE—Union Elec. Co.
DYERSVILLE—Dyersville Light & Water Co.
ELDORA—Eldora Elec. Light Co.
ELKADER—Schmidt Bros. & Co.
EMMETSBURG—City Elec. Lt. & Power Co.
ESTHERVILLE—City Elec. Lt. Plant
FAIRFIELD—City owns plant
Fairfield Gas & Electric Co.
FOREST CITY—Forest City Elec. Lt. & Power Co.
FT. DODGE—Ft. Dodge E. L. & P. Co.
FT. MADISON—Atlee, S. & J. C.
GLENWOOD—Glenwood Elec. Lt. & Power Co.
GRAND JUNCTION—Grand Junction Lt., Heat & Power Co.
GREENE—Pfiffner, F. J. (Owner)
GREENFIELD—City Elec. Lt. Plant (City)
GRINNELL—Grinnell Electric & Heating Co.
GRUNDY CENTER—Grundy Center Elec. Lt. Co.
HAMBURG—Hamburg Elec. Lt. Co.
HAMPTON—Hampton Elec. Lt. & Power Co.
HARLAN—City owns the plant
HOPKINTON—Milroy, Peter & Son (Owner)
HUMBOLDT—Humboldt Elec. Light & Power Co
IDA GROVE—Ida Grove Elec. Co.
INDEPENDENCE—Independence Water & Electric Light Plant
INDIANOLA—City owns the plant
IOWA CITY—Iowa City Elec. Light Co.
IOWA FALLS—Iowa Falls Elec. Lt. & P. Co.
JEFFERSON—Jefferson Lt., Heat, P. & Water Co.
KEOKUK—Keokuk Elec. Ry. & Power Co.
KNOXVILLE—Knoxville Elec. Co.
LAKE CITY—Lake City Elec. Co.
LAKE MILLS—Conley, J. B. (Owner)
LA PORTE CITY—La Porte City Elec. Lt. & Water Co.
LE MARS—Le Mars City Water & L. Co.
LISBON—City Electric Lt. Plant (City)
LOGAN—Logan Electric Light Co.
LYONS—City of Lyons owns the plant
McGREGOR—McGregor Elec. Lt. & P. Co.
MALVERN—Malvern L. & Power Co.
MANCHESTER—Hoag, H. B. & E. W.
MANNING—Manning Electric Light Co.
MANSON—Haney, Geo.
MAQUOKETA—Barnes Elec. Lt. & P. Co.
MARENGO—Marengo Elec. Lt. & P. Co.
MARION—Iowa Light, Heat & Power Co.
MARSHALLTOWN—City owns the plant
Marshalltown Lt., Power & Ry. Co.
MASON CITY—Brice Gas & Electric Co.
MISSOURI VALLEY—Mo. Valley E. L. Co.
MONTEZUMA—Montezuma Elec. Light & Power Co.
MONTICELLO—Monticello Electric Co.
MT. PLEASANT—City Elec. Lt. Plant (City)
MT. VERNON—Mt. Vernon Elec. Lt. Co.
MUSCATINE—Citizens' Ry. & Light Co.
NASHUA—Hoyer, G. C.
NEVADA—Nevada Electric Co.
NEW SHARON—New Sharon Elec. Lt. & P. Co.
NEWTON—City of Newton owns the plant
NORA SPRINGS—Electric Light & Mill Co.
OELWEIN—Oelwein Lt., Heat & Power Co.
ORANGE CITY—Orange City Elec. Lt. Co.
OSAGE—Osage E. L., Heat & Power Co.
OSCEOLA—Osceola Elec. Light Co.
OSKALOOSA—Oskaloosa Lt. & P. Co.
OTTUMWA—Ottumwa Traction & Light Co.
PANORA—Panora Elec. Lt. & P. Co.
PARKERSBURG—Parkersburg Electric Light, Heat & Power Co.
PELLA—Buwalda Bros. Electric Light & Power Co.
PERRY—Perry Elec. Lt., P. & Heat Co.
RED OAK—Red Oak Elec. Co.
ROCK RAPIDS—Rock Rapids Elec. Lt. Plant (City)
ROCKWELL CITY—Rockwell City Elec. Lt. & P. Co.
SAC CITY—Sac City Elec. Co.
SANBORN—Sanborn Roller Mills & Electric Light Co.
SHELDON—Logan, O. E.
SHENANDOAH—Shenandoah Elec. Lt. & Power Co.
SIGOURNEY—Sigourney Elec. Lt. & P. Co.
SIOUX CITY—Hawkeye Elec. Co.
Sioux City Gas & Elec. Co.
SIOUX RAPIDS—Sioux Rapids Elec. Lt. & Power Co.
SPENCER—Spencer Lt. & Water Works
STORM LAKE—Storm Lake E. L. & Power Co
STORY CITY—Story City Electric Light & Power Co.
STUART—City owns the plant
TAMA—See Toledo
TIPTON—Town owns the plant
Tipton Lt. & Htg. Co.
TOLEDO—Tama & Toledo Elec. Ry. & Lt. Co.
TRAER—Traer Elec. Co. (F. L. White, Owner)
VALLEY JUNCTION—Valley Junction Water & Lt. Co.
VILLISCA—Villisca Elec. Co.
VINTON—City owns the plant
WAPELLO—Wapello Elec. Lt. & P. Co.
WASHINGTON—Washington Ill. Co.
WATERLOO—Waterloo Gas & Elec. Co.
WAUKON—Waukon Elec. Lt. Co.
WAVERLY—Healey Elec. Lt. Co.
WEBSTER CITY—Webster City E. L. & Water Works
WEST BRANCH—West Branch Electric Light Co.
WEST UNION—Neff Bros.
WHAT CHEER—What Cheer E. L. & Power Co.
WINTERSET—Town of Winterset owns the plant
WOODBINE—Woodbine Light & Heating Co.

KANSAS.

ABILENE—Brown, Jacob
ANTHONY—Anthony Electric Light, Power & Fuel Co.
ARGENTINE—Argentine Water & Light Co.
ARKANSAS CITY—Arkansas City Gas & Electric Co.
ATCHISON—Atchison Ry., Light & Water Co.
BELOIT—Beloit Light & Water Co.
BURLINGTON—Foster, R. B.
CHANUTE—Chanute Fuel & Light Co.
Chanute Light & Ice Co.
CHERRYVALE—Kansas Telephone & Electric Co.
CHETOPA—Chetopa Elec. Light & P. Co.
COLUMBUS—Columbus Elec. Co.
CONCORDIA—Concordia Elec. Lt. Co.
COUNCIL GROVE—City owns the plant
DODGE CITY—Dodge City Water & Lt. Co.
ELDORADO—Eldorado Light & Fuel Co.
ELLSWORTH—Ellsworth Elec. Lt. Co.
EMPORIA—Emporia Electric & Gas Lt. Co.
ENTERPRISE—Ebersam J. R. Machine Co.
EUREKA—Edwards & Brinkerhoffe
FT. SCOTT—Ft. Scott E. L. & Power Co.
GALENA—Galena Light & Power Co.
GARDEN CITY—Garden City Electric Co.
Power Co.
GARNETT—Garnett Elec. Lt. Co.
GIRARD—Girard Gas & Electric Co.
HERINGTON—City of Herington owns the plant
HIAWATHA—City Elec. Lt. Plant (City)
Hiawatha E. L. Co.
HOLTON—Holton Elec. Co.
HORTON—Horton Elec. Lt. Co.
HUTCHINSON—Hutchinson Water, Light & Power Co.
JUNCTION CITY—Elec. Ry. Lt. & Ice Co.
KANSAS CITY—Consolidated E. L. & Power Co.
LARNED—Larned Electric Co.
LAWRENCE—Lawrence Gas, Fuel & E. L. Co.
LEAVENWORTH—Leavenworth Light & Heating Co.
MANHATTAN—Manhattan E. L. Co.
MARION—Marion Water, Electric Light, Land & Power Co.
MARYSVILLE—Marysville Light, Heat & Power Co.
MINNEAPOLIS—Minneapolis Water Co.
NORTONVILLE—Moxley, Walter.
OLATHE—Morrison, B. C. (Owner)
OSWEGO—Oswego Elec. Co.
OTTAWA—Ottawa Water Works & Light Co.
PARSONS—Parsons Electric Light & Power Co.
PITTSBURG—Pittsburg Gas Light & Coke Co.
SALINA—People's Light, H. & P. Co.
STERLING—Morris, G. A.
STOCKTON—City Electric Light Plant
TOPEKA—City of Topeka Elec. Lt. Plant
Edison Elec. Illg. Co.
VALLEY FALLS—Troth Electric Co.
WICHITA—Wichita Gas, Electric Light & Power Co.
Witchita R. R. & Light Co.

KENTUCKY.

ASHLAND—Ashland E. L. & Power Co.
BARDSTOWN—City Elec. Lt. Plant (City)
BARDWELL—Citizens' Mill, Elevator, Lt. & Power Co.
BOWLING GREEN—Bowling Green Gas Light Co.
City Electric Light Plant
BURNSIDE—Burnside Elec. Lt. & Power Co.
CARLISLE—Carlisle Electric Lt. & Power Co.

CATLETTSBURG—Carpenter, E. L. & Power Co.
COVINGTON—Union Light, Heat & Power Co.
CYNTHIANA—Cynthiana El. Lt. Co.
DAYTON—Dayton Elec. Lt. & Pow. Co.
ELIZABETHTOWN — Elizabethtown Electric Light Co.
FLEMINGSBURG—Henderson & O'Bannon (Owners)
FRANKFORT—Capital Gas & E. L. Co.
FRANKLIN—Franklin Electric Co.
FULTON—Fulton Electric Light & Power Co.
GEORGETOWN—Georgetown Water, Gas, Electric & Power Co.
GLASGOW—Glasgow Elec. Lt. & P. Co.
HARRODSBURG—Harrodsburg Electric Light, Power & Ice Co.
HAWESVILLE—Hawesville Electric Light Co.
HENDERSON—City Elec. Lt. Plant (City)
HOPKINSVILLE—Hopkinsville Gas & Ltg. Co.
KUTTAWA—Kuttawa Water & Light Co.
LEBANON—Lebanon Lt., Ice & Pow. Co.
LEXINGTON—Lexington Ry. Co.
LOUISVILLE—Central Electric Co.
Citizens' Lighting Co.
LUDLOW—Kentucky Electric Co.
MADISONVILLE—Bailey Light & Water Co.
MARION—Marion Electric Light & Ice Co.
MAYFIELD—Graves County Water & Lt. Co.
MAYSVILLE—Maysville Gas Co.
MIDDLESBORO—Middlesboro Electric Light & Power Co.
MORGANFIELD—Morganfield Elec. Lt. & P. Co.
MT. STERLING—Mt. Sterling Water, Lt. & Ice Co.
NEWPORT—Newport Light Co.
OWENSBORO—Owensboro Electrical & Heating Co.
PADUCAH—City Elec. Lt. Plant (City)
Paducah Ry. & Lt. Co.
PARIS—Paris Electric Light Co.
PINEVILLE—Pineville E. L. Co.
PRINCETON—Princeton Light & Power Co.
RICHMOND—Richmond Elec. Lt. & Power Co.
SHELBYVILLE—Shelbyville Water & Lt. Co.
SOMERSET—Somerset Elec. Lt. & Power Co.
STANFORD—Stanford Water, Lt. & Ice Co.
UNIONTOWN—Uniontown Elec. Lt. Co. (Jas. Hart, Prop'r.)
VANCEBURG—Vanceburg Elec. Lt. Co.
VERSAILLES—Versailles Elec. Light Co.
WILLIAMSBURG—Williamsburg Elec. Lt. Co.
WINCHESTER—Winchester Ry., Lt. & Ice Co.

LOUISIANA.

ABBEVILLE — Abbeville Light, Power & Water Co.
ALEXANDRIA—City Elec. Lt. Plant (City)
BATON ROUGE—Baton Rouge Elec. & Gas Co.
DONALDSONVILLE—City Elec. Lt. Plant
HAMMOND—Hammond Ice Co.
HOUNA—Houna Lighting & Ice Mfg. Co.
JEANERETTE—Jeanerette Elec. Lt. Co.
JENNINGS—Jennings Elec. Lt. & Power Co.
LAKE CHARLES—Lake Charles Ice, Light & Water Works Co.
LEESVILLE—Leesville Lt. & Water Works Co.
MINDEN—Minden Elec. Lt. & Power Co.
MORGAN CITY—Morgan City Improvement Co.
NATCHITOCHES—Natchitoches Telephone & Elec. Lt. Co.
NEW IBERIA—Broussard, S. (Owner)
NEW ORLEANS—Algiers Water Works & Electric Co., 220 Elmira av
Edison Elec. Co., 317 Barronne
N. O. Railways Co., 317 Barronne.
SHREVEPORT—Shreveport Gas, Elec. Lt. & Power Co.

MAINE.

AUBURN—Lewiston & Auburn Elec. Light Co.
AUGUSTA—Kennebec Light & Heat Co.
BANGOR—Public Works Co.
BAR HARBOR—Bar Harbor Elec. Lt. Co.
BATH—Sagadahoe Light & Power Co.
BELFAST—Belfast Light & Power Co.
BIDDEFORD—York Light & Heat Co.
BOOTHBAY HARBOR — Boothbay Harbor Light, Heat & Power Co.
BRUNSWICK—Brunswick E. L. & Pr. Co.
BUCKSPORT—Bucksport Light & Power Co.
CAMDEN—(See Rockland)
CARIBOU—Caribou Water & Elec. Lt. Co.
CHERRYFIELD—Cherryfield E. L. Co.
DEERING—(See Westbrook)
DEXTER—Dexter Elec. Lt. & Power Co.
DOVER—Dover & Foxcroft Elec. Lt. & Heat Co.
EASTPORT—Eastport Lighting Co.
FAIRFIELD—(See Waterville)
FARMINGTON—Farmington Elec. Lt. Co.
FORT FAIRFIELD—Stevens Electric Co.
FOXCROFT—(See Dover)
FREEPORT—Freeport Electric Light, Heat & Power Co.
FRYEBURG—Fryeburg Electric Light Co.
GARDINER—(See Augusta)
GUILFORD—Piscataquis Woolen Co.
HALLOWELL—Kennebec Lt. & Heat Co.
HOULTON—Houlton Electric Co.
Merritt, E. & Sons
KENNEBUNK—Town Elec. Lt. Plant (Owner)
LEWISTON—City Elec. Lt. Plant (City)
LIVERMORE FALLS—Livermore Falls Light & Power Co.
MACHIAS—Machias Elec. Lt. Co.
MECHANIC FALLS—Mechanic Falls Water, Elec. Lt. & Power Co.
MILLTOWN—(See Calais)
NORWAY—Oxford Light Co.
OAKLAND—Oakland Elec. Co.
OLD ORCHARD—Old Orchard Elec. Lt. Co.
OLD TOWN—Old Town Elec. Lt. Co.
PHILLIPS—Phillips Elec. Lt. & Power Co.
PITTSFIELD—Pittsfield Elec. Lt. & Power Co.
PORTLAND—Consolidated Elec. Lt. Co.
Portland Lighting & Power Co.
PRESQUE ISLE—Presque Isle Elec. Lt. Co.
RANGELEY—Rangeley Elec. Lt. & Power Co.
ROCKLAND—(City owns plant).
RUMFORD—Rumford Falls Lt. & Water Co.
SANFORD—Sanford Lt. & Water Co.
SKOWHEGAN—Skowhegan Elec. Lt. Co.
SORRENTO—Sorrento Elec. Lt. Co.
SOUTH BERWICK—Berwick & Salmon Falls Electric Co.
SO. PARIS—(See Norway)
THOMASTON—(See Rockland)
VALDOBORO — Waldoboro Water, Electric Light & Power Co.
WATERVILLE—Union Gas & Electric Co.
Waterville & Fairfield Railway & Light Co.
WESTBROOK—Westbrook Elec.Lt. & Power Co.
WOODSFORDS STATION—Deering Elec. Lt. Co.

MARYLAND.

ANNAPOLIS—Annapolis Gas & Elec. Lt. Co.
BALTIMORE—General Electric Co., Continental Trust bldg
United Elec. Lt. & Power Co., Continental Trust bldg
Kitson Hydro-Carbon Heating & Incandescent Lighting Co., 521 N. Howard
BELAIR—Belair Electric Co.
CHESTERTOWN—Chestertown Elec. Lt. Co. of
CRISFIELD—Crisfield Ice Mfg. Co.
CUMBERLAND—Cumberland Elec. Ry. Co.
Edison Electric Ry. Co.
EASTON—Easton Gas Electric Light Co.
ELKTON—Elkton Elec. Lt. & Power Co.
FREDERICK—City owns the plant
Frederick Elec. Lt. & Power Co.
HAGERSTOWN—Hagerstown Elec. Lt. & Pr. Co.
LAURAL—Laural Elec. Co.
LONACONING—Lonaconing El. Lt. & Power Co.
MT. WASHINGTON—Mt. Washington Elec. Lt. & Power Co.
OAKLAND—Oakland Elec. Co.
POCOMOKE—Citizens' Lt. & Power Co.
ROCKVILLE—City Elec. Lt. Plant
SALISBURY—Salisbury Lt., Heat & Power Co.
SNOW HILL—Snow Hill Elec. Lt. & Power Co.
WESTMINSTER—Carroll County Elec. Lt. & Power Co.

MASSACHUSETTS.

ABINGTON—(See N Abington)
ADAMS—Adams Elec. Lt. & Power Co. (City)
AMESBURY—Elec. Lt., Heat & Power Co.
AMHERST—Amherst Gas Co.
ANDOVER—Andover Elec. Co.
ARLINGTON—(See Somerville)
ASHLAND—(See So. Framingham)
ATHOL—Athol Gas & Electric Light Co.
ATTLEBORO—Attleboro Steam & Electric Co.
BELMONT—(See Somerville)
BEVERLY—Beverly Gas & Electric Co.
BLACKSTONE—(See East Blackstone)
BOSTON—Block Plant Elec. Lt. Co., 357 Wash.
Boston Elec. Lt. Co., 3 Head pl.
Brigham Electric Co., 161 High.
Charlestown Gas & Elec. Co., Thompson sq
Church Green Elec. Lt. & Power Co., 105 Summer
Edison Elec. Illuminating Co., 3 Head pl
Light, Heat & Power Corporation, 23 Central
Suburban Light & Power Co., 3 Head pl.
BRAINTREE—Dow Portable Electric Co.
BRIDGEWATER—Bridgewater Elec. Co.
BROCKTON—Edison Elec. Ill. Co.
BROOKLINE—Holzer-Cabot Electric Co.
CAMBRIDGE—Cambridge Elec. Lt. Co.
CANTON—Blue Hill Elec. Co.
CHELSEA—Chelsea Gas Light Co.
CHESTER—Chester Electric Light Co.
CHICOPEE—Municipal Elec. Light Plant
CLINTON—Clinton Gas Light Co.
COHASSET—Cohasset Elec. Co.
CONCORD—City Elec. Lt. Plant
COTTAGE CITY—Cottage City Gas & Elec. Lt. Co.
DANVERS—Danvers Electric Light Plant (City)
DEDHAM—Dedham Electric Co.
EAST BLACKSTONE—Blackstone Elec. Lt. Co.
EAST BRAINTREE—City owns the plant
EASTHAMPTON—Easthampton Gas Co.
EAST WEYMOUTH—Weymouth Lt. & Power Co.
FALL RIVER—Fall River Electric Light Co., 20 Hartwell
FITCHBURG—Fitchburg Gas & Elec. Lt. Co.
FRAMINGHAM—(See So. Framingham)
FRANKLIN—Union Elec. Lt. Co.
GARDNER—Gardner Elec. Lt. Co.
GLOUCESTER—Gloucester Electric Co.
GRAFTON—Grafton Electric Co.
GREAT BARRINGTON—Great Barrington Electric Light Co.
GREENFIELD—Greenfield Electric Light & Power Co.
GROVELAND—(See Haverhill)
HAVERHILL—Haverhill Electric Co.
HINGHAM—Municipal Light Dept.
HOLYOKE—Holyoke Electric Light & Power Co
HUDSON—Town of Hudson Elec. Lt. & Power Dept.
HYDE PARK—Hyde Park Elec. Lt. Co.
LAWRENCE—Lawrence Gas Co.
LEE—Lee Electric Co.
LEICHESTER—Rawson Lt. & Power Co.
LENOX—Lenox Electric Co.
LEOMINSTER—Leominster Elec. Lt. & Power Co.
LEXINGTON—Lexington Gas & Electric Co.
LINWOOD—(See N Uxbridge)
LOWELL—Lowell Elec. Lt. Corp., 28 Bridge
Merchants' Light, Heat & Power Co., 67 Middle
LYNN—Lynn Gas & Electric Co., 90 Exchange.
MALDEN—Malden Electric Co.
MARBLEHEAD—Marblehead Gas & Elec. Lt. Co. (Town Owner)
MARLBORO—Marlboro Electric Co.
MEDFORD—(See Malden)
MELROSE—(See Malden)
MIDDLEBORO—Middleboro Gas & Electric Lt. Plant (Town Owner)
MILFORD—Milford Elec. Lt. & Pr. Co.
MILLBURY—Millbury Electric Co.
MILTON—Milton Light & Power Co.
MONSON—(See Palmer.)
NAHANT—(See Lynn.)
NANTASKET—Town of Hull Electric Light Dept. (Town)
NATICK—Natick Gas & Electric Co.
NEEDHAM—Greendale Chem. & Elec. Lighting Co.
NEW BEDFORD—New Bedford Gas & Edison Light Co.
NEWBURYPORT—Newburyport G. & E. Co.
NEWTON—Newton & Watertown Gas Lt. Co.
NORTH ABINGTON—Electric Light & Power Co. of North Abington & Rockland
NORTH ADAMS—Adams Elec. Lt. & Power Co.
NORTHAMPTON—Northampton Electric Lighting Co.
NORTH ATTLEBORO—Municipal Electric Lt. Dept. (City)
NORTH UXBRIDGE—(See Uxbridge).
ORANGE—Orange Electric Light Co.
PALMER—Central Mass. Electric Co.
PEABODY—City Electric Light Plant (City)
PITTSFIELD—Pittsfield Electric Co.
PLYMOUTH—Plymouth Electric Light Co.
QUINCY—Quincy Elec. Light & Power Co.
RANDOLPH—Doughty, Chas. Co.
READING—Reading Lt. & Power Station (City)
REVERE—Suburban Gas & Electric Co.
ROCKLAND—(See North Abington.)
ROCKPORT—(See Gloucester.)
SALEM—Salem Electric Lighting Co.
SAUGUS—Saugus District of Lynn Gas & Electric Co.
SHELBOURNE FALLS—Shelbourne Falls Electric Light & Power Co.
SOMERVILLE—Somerville Electric Light Co.
SOUTHBRIDGE—Southbridge Gas & Elec. Co.
SOUTH FRAMINGHAM—Framingham Elec. Co.
SOUTH HADLEY FALLS—South Hadley Falls Electric Light Co.

SPENCER—Spencer Gas Co.
SPRINGFIELD—United Electric Light Co., 135 State
STONEHAM—(See Woburn.)
STOUGHTON—Stoughton Gas & Electric Co.
SWAMPSCOTT—(See Lynn.)
TAUNTON—Taunton Municipal Lighting Plant 12 Mechanic la.
TURNER'S FALLS—Franklin Elec. Light Co.
UXBRIDGE—Uxbridge and North Uxbridge Electric Co.
WAKEFIELD—Wakefield Municipal Lt. Plant
WALTHAM—Waltham Gas Light Co.
WARE—Ware Electric Co.
WARREN—(See Palmer.)
WEBSTER—Webster Electric Co.
WESTBORO—Westboro Gas & Electric Co.
WESTFIELD—Westfield Gas & Electric Plant
WESTON—Weston Electric Light Co.
WEST SOMERVILLE—(See Somerville.)
WEST SPRINGFIELD—(See Springfield.)
WHITINSVILLE—(See Uxbridge).
WHITMAN—Whitman Light & Power Co.
WINCHENDON—Winchendon Electric Light & Power Co.
WINCHESTER—(See Woburn.)
WOBURN—Woburn Light, Heat & Power Co.
WORCESTER—Worcester Electric Light Co., 66 Faraday

MICHIGAN.

ADRIAN—Adrian Electric Light & Power Co.
ALBION—Albion Electric Light Co.
ALLEGAN—Allegan Electric Co.
ALMA—Alma Electric Light & Power Co.
ALPENA—Alpena Electric Light Co.
ANN ARBOR—Washtenaw Lt. & Pr. Co.
ARCADIAN—(See Houghton.)
AUSABLE—(See Oscodo.)
BARAGA—Elec. Lt. Dept. (Thos. Nester Est.)
BATTLE CREEK—Battle Creek Electric Co.
Citizens' Electric Co.
BAY CITY—Bay City Gas Co. (Elec. Dept.)
City Electric Light Plant (City)
BEAVERTON—Beaverton Illuminating Co.
BELDING—Citizens' Light Co.
Spencer Electric Light & Power Co.
BENTON HARBOR—(See St. Joseph).
BESSEMER—Gogebic Electric Co.
BIG RAPIDS—Donley W. E. Electric Light & Power Co
BLISSFIELD— City Electric Light Plant.
BRIGHTON—Brighton Elec. Lt. & Power Co.
BRONSON—Frederick, Wm. H. & Co.
BROOKLYN—Green, L. W.
BROWN CITY—Good, E. (Owner)
CADILLAC—Cummer Electric Light Co.
CALUMET—(See Lake Linden.)
CARO—Caro Light & Power Co.
CARSON CITY—Carson City Elec. Lt. & Pr. Co.
CASEVILLE—Caseville Electric Light Co.
CASSAPOLIS—Cassapolis Milling & Power Co.
CENTRAL LAKE—Wallbrecht, A. F.
CENTREVILLE—Centreville Water & Elec. Co.
CHARLEVOIX—City Elec. Light Plant (City)
CHARLOTTE—Charlotte General Electric Co.
CHEBOYGAN—Cheboygan Electric Light & Power Co.
CHELSEA—Municipal Electric Light & Waterworks Co.
CHESANING—City Elec. Light Plant (City)
CLARE—Clare Electric Light Co.
CLINTON—City Electric Light Plant (City)
COLDWATER—City Electric Light Plant.
CONSTANTINE—Constantine Electric Co.
CORUNNA—(See Owosso.)
CRYSTAL—Sanford, Otis A.
DETROIT — East Side Electric Co., 307 Gratiot av.
Edison Illuminating Co., 22 Wash'n av
Peninsular Electric Light Co., 22 Wash'n av
DOLLAR BAY—(See Houghton.)
DOWAGIAC—Dowagiac Electric Light Dept. (Beckwith Est.)
DUNDEE—Dundee Electric Light Co.
DURAND—Village Elec. Lt. Plant (Village)
EAST JORDAN—East Jordan Electric Light & Power Co.
EAST TAWAS—City owns plant
EATON RAPIDS—Eaton Rapids Electric Light & Power Co.
ESCANABA—City Electric Light Plant (City)
EVART—Village Elec. Lt. Plant (Village)
FENNVILLE—Fennville Roller Mill Co.
FENTON—Fenton Electric Light & Power Co.
FLINT—People's Elec. Lt. & Power Co.
FOWLERVILLE—Fowlerville Lighting Co.
FRANKFORT—Frankfort Electric Light Co.
FRANKLIN—(See Houghton.)
FREMONT—Fremont Elec. Lt. Plant (City)
GAYLORD—City Electric Light Plant
GLADSTONE—City Electric Light Plant
GLADWIN—Schulz & Prindle (Owners)
GRAND HAVEN—City Elec. Lt. Plant (City)
GRAND LEDGE—City Elec. Lt. Plant (City)
GRAND RAPIDS—Edison Light Co.
Grand Rapids Electric Power Co.
Municipal Electric Light Plant
GRAYLING—Grayling Electric Co.
GREENVILLE—Greenville Elec. Light Co.
HANCOCK—(See Houghton.)
HARBOR SPRINGS—Mason Electric Co.
Municipal Electric Light Plant (Town).
HART—Elec. Light & Waterworks (Town)
HARTFORD—Anderson Bros.
HILLSDALE—City Elec. Light Plant (City)
HOLLAND—City Elec. Light Plant (City)
HOLLY—Holly Electric Light & Power Co.
HOUGHTON—Peninsula Elec. Lt. & Pr. Co.
HOWELL—Howell Electric Light & Power Co.
HUDSON—Hudson Electric Light Co.
IMLAY CITY—Imlay City Electric Co.
IONIA—Ionia Electric Co.
IRON MOUNTAIN—Iron Mountain Electric Lt. & Power Co.
IRONWOOD—Twin City General Electric Co.
ISHPEMING—Negaunee & Ishpeming Street Ry. & Elec. Co.
ITHACA—Ithaca Light & Power Co.
JACKSON—Jackson Light & Power Co.
JONESVILLE—Jonesville Electric Light & Power Co. (City)
KALAMAZOO—City Electric Light Plant
Kalamazoo Valley Electric Co.
KALKASKA—Winters, Wm.
LANSING—Platt, A. A. & F. B.
LA PEER—La Peer Electric Co.
LESLIE—Leslie Electric Light & Power Co.
LOWELL—City of Lowell Light & Power Plant (City)
LUDINGTON—Ludington Elec. Supply Co.
MANCELONA—Mancelona Elec. Lt. & Pr. Co.
MANISTEE—Buckley & Doughlas Lumber Co.
Sands Electric Light Co.
MANISTIQUE—Manistique Light Co.
MARINE CITY—Marine City Roller Mill Co.
MARLETTE—Village Elec. Lt. Plant (Village)
MARQUETTE—Light & Power Commissslon
MARSHALL—City Elec. Light Plant (City)
MASON—Mason Water & Elec. Lt. Works (City)
MENOMINEE—Menominee E. L. R. & Pr. Co.
MIDLAND—Bristol Electric Light Co.
MILAN—Lamkin W. P. (Owner)
MILFORD—Milford Electric Lt. & Power Co.
MONROE—Monroe Gas & Electric Light Co.
MORRICE—Sutton & Mackey
MT. CLEMENS—Mt. Clemens Electric Co.
MT. PLEASANT—Mt. Pleasant Electric Co.
MUSKEGON—Muskegon Traction & Lighting Co.
NEGAUNEE—(See Ishpeming.)
NILES—Niles Electric Light Plant (City)
NORTHVILLE—City Electric Light Plant
ONTONAGON—Village Electric Light Plant
OSCODA—Pioneer Electric Co. (H. M. Loud & Sons Lumber Co., Owners)
OVID—Ovid Elec. Light & Waterworks (City)
OWOSSO—Owosso & Corunna Electric Co.
OXFORD—Village Elec. Light Plant (Village)
PAW PAW—Village Elec. Light Plant (Village)
PETOSKEY—City Elec. Light Plant (City)
PLAINWELL—Arnold & Brownell.
PONTIAC—Pontiac Standard Lighting Co.
PORT HURON—Port Huron Lt. & Power Co.
PORTLAND—Village Electric Light Plant
READING—Village Electric Light Plant
RED JACKET—(See Lake Linden.)
REED CITY—Reed City Electric Co.
RIPLEY—(See Houghton.)
ROCHESTER—Rochester Elec. Lt. & Pr. Co.
ROCKFORD—Tower, A. A.
SAGINAW—Bartlett Illuminating Co.
ST. CLAIR—St. Clair Electric Light Water Works (City)
ST. IGNACE—City Electric Light Plant
ST. JOHNS—St. Johns Elec. Light Plant (City)
ST. JOSEPH—Benton & St. Joseph Harbor Electric Railway & Light Co.
ST. LOUIS—City Electric Light Plant
SAULT STE. MARIE—Edison Sault Elec. Co.
SHELBY—Village Elec. Light Plant (Village)
SOUTH HAVEN—City Elec. Light Plant (City)
SPRINGPORT—Hoag, R. B. & Son (Owners)
STANTON—Stanton Light & Water Plant (City)
TAMARACK—(See Lake Linden.)
TECUMSEH—Tecumseh Electric Co.
THREE OAKS—Village Electric Light Plant (Village)
THREE RIVERS—Three Rivers Lt. & Pr. Co.
TRAVERSE CITY—Boardman River Electric Light & Power Co.
UNION CITY—City Elec. Light Plant (City)
VICKSBURG—City Electric Light Plant
WEST BRANCH—West Branch Electric Light & Power Co.
WILLIAMSTON—Rounsville & Greenaway Elec. Co.
WOLVERINE—(See Lake Linden.)
YPSILANTI—City Ypsilanti Electric Co.

MINNESOTA.

ADRIAN—Adrian Electric Light Plant (City)
ALBERT LEA—Albert Lee Lt. & Power Co.
ALEXANDRIA—Alexandria Electric Light Plant (City)
ANOKA—Anoka Water Works & Electric Light & Power Co.
ARLINGTON—City Electric Light Plant
AUSTIN—Austin Electric Co. (City).
BLUE EARTH CITY—City Electric Light & Water Works
BRAINERD—Brainerd Municipal Elec. Lt. Plant
CANNON FALLS—Cannon Falls Electric Co.
CHATFIELD—Chatfield Elec. Lt. & Pr. Co.
CLOQUET—Cloquet Electric Co.
CROOKSTON—Crookston Water Works, Power & Light Co.
DELANO—Delano Water & Electric Light Plant (City)
DETROIT CITY—Detroit Light & Land Co.
DULUTH—Duluth General Electric Co.
EAGLE LAKE—Humiston, J. D.
ELY—City Electric Light Plant (City)
FAIRFAX—Nicholas, L. & Co.
FAIRMONT—St. John, Byron E.
FARIBAULT—Faribault Consolidated Gas & Electric Co.
Polar Star Electric Co.
FERGUS FALLS—City Elec. Light Plant (City)
Fergus Falls Water Power Co.
Municipal Electric Light Plant.
FOSSTON—City Electric Light & Water Works (City)
FULDA—Village Elec. Light Plant (Village)
GLENCOE—Le Vescont, A. T.
GRACEVILLE—Village Elec. Lt. Plant (Village)
GRANITE FALLS—Village Electric Light Plant (Village)
HASTINGS—Hastings Elec. Lt. & Pr. Co.
HENDERSON—Henderson Light & Water Works (Village)
HIBBING—Municipal Light & Water Plant
HUTCHINSON—Hutchinson Lighting & Mfg. Co.
KENYON—Kenyon Electric Co.
LAKE CITY—City Electric Light & Water Works (City)
LANESBORO—Lanesboro Electric Light Co.
LE ROY—Bosworth, E. S.
LE SUER—City Electric Light & Water Works (City)
LITCHFIELD—Village Elec. Lt. Plant (Village)
LITTLE FALLS—Little Falls Electric & Water Co.
LONG PRAIRIE—Village Electric Light Plant (Village)
LUVERNE—Village Elec. Lt. Plant (Village)
MADISON—City Electric Light Plant
MANKATO—Mankato Gas & Electric Light Co.
MAPLETON—Mapleton Electric Light Co.
MARSHALL—City Electric Light Plant (City)
MINNEAPOLIS—Electrical Engineering Co.
Minneapolis General Electric Co.
MONTEVIDEO—Montevideo Electric Light & Power Co.
MOORHEAD—Moorhead Electric Light & Wate
MORA—Mora Electric Light Co.
MORRIS—Morris Electric Light Co.
NEW PRAGUE—City Electric Light Plant
NEW RICHLAND—Lea & Borge.
NEW ULM—New Ulm Electric Light Co.
NORTH BRANCH—North Branch Milling Co.
NORTHFIELD—Northfield Lt., Ht. & Pr. Co.
ORTONVILLE—City Elec. Lt. Plant (City)
OSAKIS—Osakis Milling Co.
OWATONNA—Owatonna Gas, Elec. & Ht. Co.
PARK RAPIDS—Mandigo, Geo. D.
PIPESTONE—Pipestone Electric Light, Heat & Power Co.
PRESTON—Preston Electric Light & Water Works (City)
RED LAKE FALLS—Red Lake Falls Electric Light Co.
REDWING—Redwing Gas & Electric Co.
REDWOOD FALLS—Burmeister, A. C. (Owner)
ROCHESTER—Rochester Elec. Lt. Plant (City)
RUSH CITY—Rush City Electric Light Co.
SACRED HEART—Farmers' Milling Co.
ST. CLOUD—Light, Heat, Transit & Public Service Co.
ST. CLOUD—St. Cloud Water, Lt. & Pr. Co.
ST. JAMES—Village Elec. Lt. Plant (Village)

ST. PAUL—Edison Elec. Lt. & Power Co.
Manhattan Light, Heat & Power Co.
St. Paul Electric Co.
ST. PETER—St. Peter Electric Light & Water Works (Village)
SAUK CENTRE—Central Minnesota Power & Milling Co
SHERBURNE—Sherburne Electric Light Co.
SLEEPY EYE—Village Elec. Lt. Plant (Village)
SPRINGFIELD—Village Elec. Lt. Plant (Village)
SPRING VALLEY—Spring Valley Electric Light & Investment Co.
STILLWATER—Stillwater Gas & Elec. Lt. Co.
TOWER—(See Duluth).
TRACY—Village Elec. Light Plant (Village)
TWO HARBORS—City Electric Light Plant
VIRGINIA—Virginia Light & Water Co.
WABASHA—Jones R. E. & Co.
WADENA—Village Elec. Lt. Plant (Village)
WASECA—Dept. of Elec. Lt. & Water Works
WELLS—Water & Elec. Lt. Works (Village)
WEST DULUTH—West Duluth Electric Co.
WHITE BEAR LAKE—White Bear Elec. Co.
WILLMAR—Electric Light & Water Works (Village)
WINDOM—Water & Elec. Lt. Plant (City)
WINNEBAGO CITY—Elec. Lt. and Water Plant
WINONA—Winona Railway & Light Co.
WINTHROP—Village owns plant
WORTHINGTON—City Electric Light Plant
ZUMBROTA—Zumbrota Electric Light Co. (Person & Co., proprs.)

MISSISSIPPI.

ABERDEEN—Enderlin, J. F. Co.
ACKERMAN—Ackerman Compress, Warehouse & Electric Light Co.
BATESVILLE—Rush, D. L.
BILOXI—Biloxi Electric Light Co.
BOONVILLE—Boonville Electric Light Co.
CANTON—City Electric Light Plant (City)
COLUMBUS—Columbus Light & Power Co.
DURANT—City Electric Light Plant.
GREENVILLE—Greenville Light & Car Co.
GREENWOOD—Greenwood Water & Light Co.
GRENADA—City Electric Light Plant
HATTIESBURG—Hattiesburg Lt. & P. Co. Power Co.
JACKSON—Jackson Electric Railway Light &
KOSCIUSKO—Kosciusko Electric Light Plant (Village)
LAUREL—Laurel Improvement Co.
LUMBERTON—Camp & Hinton Co.
MACOMB—Macomb City Elec. Lt. & Pr. Co.
MACON—Macon Ice, Light & Power Co.
MERIDIAN—Meridian Lt. & Ry. Co.,
NATCHEZ—Natchez Lt., Power & Transit Co.
Natchel Gas Light Co.
TUNICA—Tunica Electric Light & Power Co.
VICKSBURG—Vicksburg R. R. Pr. & Mfg. Co.
WATER VALLEY—Municipal Electric Light Plant (City)
WINONA—Winona Elec. Lt., Coal & Ice Co.
YAZOO—Yazoo Improvement Co.

MISSOURI.

ALBANY—Albany Elec. Lt. Plant (Village)
BLOOMFIELD—Bloomfield Elec. Lt., Ht. & Pr. Co.
BOONVILLE—Boonville Elec. Lt. & Pr. Co.
BOWLING GREEN—Ledford, N. H.
BROOKFIELD—Brookfield Electric Light Co.
BUTLER—Butler Water, Lt. & Power Co.
CALIFORNIA—California Elec. Lt. & Pr. Co.
CAPE GIRARDEAU—Cape Girardeau Water Works & Electric Lt. Co.
CANTON—Canton Electrical Co.
CARTERVILLE—(See Joplin.)
CARTHAGE—Carthage Light Co.
CARUTHERSVILLE—Purl Ice, Coal and Electric Lighting Co.
CENTRALIA—Centralia Electric Lt. & Pr. Co.
CHARLESTON—Charleston Elec. Light Co.
CHILLICOTHE—People's Gas & Electric Co.
CLINTON—CLINTON Gas & Electric Co.
Clinton Light & Water Co.
COLUMBIA—Columbia Water & Light Co.
DE SOTO—Consumers' Elec. Lt. & Pr. Co.
DEXTER—Dexter City Electric Light Dept.
EDGERTON—Thompson & Mays.
EDINA—Edina Electric Light Plant.
ELDORADO SPRINGS—Eldorado Springs Electric Co.
EXCELSIOR SPRINGS—Excelsior Springs Gas & Lighting Co.
Excelsior Springs Light & Water Co.
FARMINGTON—Farmington Electric Light & Ice Co.
FAYETTE—City Elec. Light Plant (City)
FREDERICKTOWN—Fredericktown Electric & Mfg. Co.
FULTON—City Electric Light Plant (City)
HAMILTON—Hamilton Electric Light Co. (F. Clark, Propr.)
HANNIBAL—City of Hannibal Electric Light Plant
HARRISONVILLE—Harrisonville Electric Light Plant (City)
HERMANN—Hermann Electric Light Co.
HIGGINSVILLE—Higginsville Water & Light Plant (City)
HOLDEN—Holden Elec. Light Plant (City)
INDEPENDENCE—Independence Gas & Coke Co
JEFFERSON CITY—Jefferson City Light, Heat & Power Co.
JOPLIN—Southwest Missouri Light Co.
KANSAS CITY—Consolidated Electric Light & Power Co.
Kansas City Electric Light Co.
KENNETT—Rose, Philip L.
KIRKSVILLE—Kirksville Electric Co.
LA GRANGE—City Electric Light Plant
LAMAR—Lamar Water & Electric Light Co.
LA PLATA—La Plata Electric Light Co.
LAWSON—City Electric Light Plant
LEBANON—Lebanon Lt. & Magnetic Water Co.
LEXINGTON—Lexington Electric Co.
LIBERTY—Walker, W. B. (Owner)
LOUISIANA—Carbon Light Co. (C. D. Shreve, Lessee)
MACON—Macon Gas & Electric Light Co.
MALDEN—City Electric Light Plant
MARCELINE—Pierce, S. M.
MARSHALL—Marshall Electric Lt. & Power Co.
MARYVILLE—Maryville Elec. Lt. & Pr. Co.
MEMPHIS—Craig, J. P.
MEXICO—Mexico Elec. Lt., Ht. & Pr. Co.
MILAN—City Electric Light Plant
MOBERLY—Moberly Gas & Electric Co.
MONETT—Monett Elec. Lt., Pr. & Ice Co.
MONTGOMERY CITY—Montgomery Electric Light Plant (V. D. Bond, Owner).
MOUND CITY—Mound City Electric Light & Power Co.
NEOSHO—Neosho Electric Light Co.
NEVADA—Missouri Water, Lt. & Traction Co.
NEW MADRID—New Madrid Electric Light & Power Co.
ODESSA—City Electric Light Plant
OREGON—City Water & Light Plant (City)
PACIFIC—Pacific Electric Co.
PALMYRA—Palmyra Light & Water Co.
PIERCE CITY—Pierce City Elec. Lt. Works (City)
PLATTSBURG—Plattsburg Electric Light Co.
POPULAR BLUFF—Hartzell Light & Milling Co
PRINCETON—City Electric Light Plant (City)
RICH HILL—Rich Hill Water, Light & Fuel Co.
RICHMOND—Richmond Electric Light Co.
ROCKPORT—City Electric Light Plant (City)
ST. CHARLES—St. Charles Electric Light & Power Co.
St. Charles Light & Fuel Co.
ST. JOSEPH—City Elec. Lt. Plant, 5th & Olive
St. Joseph Ry., Lt., Heat & Power Co.
ST. LOUIS—Carondelet Electric Light & Power Co., Kraus, near Water.
Imperial Electric Light, Heat & Power Co., 10th & St. Charles
Laclede Gas Light Co., 716 Locust.
Laclede Power Co., 421 Olive.
Missouri-Edison Electric Co. of St. Louis, 415 Locust
SALISBURY—City owns the plant
SARCOXIE—Sarcoxie Elec. Lt. & Mill Co.
SAVANNAH—City Electric Light Plant (City)
SEDALIA—Economy Steam Htg. & Elec. Co.
Sedalia Water & Light Co.
SHELBINA—City Elec. Light Plant (City)
SHELBYVILLE—City Electric Light Plant.
SLATER—Town owns the plant
SPRINGFIELD—Springfield Lighting Co.
STANBERRY—McClary, G. W. (Owner)
TARKIO—Tarkio Electric & Water Co.
TRENTON—Trenton Gas Light & Power Co.
UNION—(See Washington, Mo.)
UNIONVILLE—City Electric Light & Water Works (City)
VANDALIA—Vandalia Electric Light Co.
WARRENSBURG—Magnolia Lt., Ht. & Pr. Co.
WARRENTON—Warrenton Electric Co.
WASHINGTON—Tibbe Electric Co.
Washington Water & Light Co.
WEBB CITY—(See Joplin.)
WEBSTER GROVE— (See St. Louis).
WELLSVILLE—Wellsville Electric Light Co.
WEST PLAINS—Holt, S. J. Lumber Co.
West Plaints Electric Light Plant (City)

MONTANA.

ANACONDA—Anaconda Electric Light Co.
BIG TIMBER—Adams & McDonald.
BILLINGS—Billings Water Power Co.
BOZEMAN—Gallatin Lt., Pr. & Ry. Co.
BUTTE—Butte Electric & Power Co.
Phoenix Electric Co.
DEER LODGE—Deer Lodge Electric Co.
ILLON—Coast Co.
GREAT FALLS—Boston & Great Falls Electric Light & Power Co.
HAMILTON—Anaconda Copper Mining Co.
HELENA—Helena Power & Light Co. (City)
KALISPELL—Kalispell Water & Electric Co.
LEWISTON—Citizens' Electric Co.
LIVINGSTON—Livingston Electric Light Co.
MILES CITY—Miles City Water & Light Dept. (City)
MISSOULA—Missoula Light & Power Co.
PHILLIPSBURG—Phillipsburg & Granite Electric Light Co.

NEBRASKA.

ALBION—Albion Electric Light Plant.
ANSLEY—Ansley Elec. Lt. & P. Co.
AUBURN—Auburn Mutual Lighting & Pr. Co.
AURORA—Aurora Elec. Lt., Heat & Pr. Co.
BEATRICE—Beatrice Elec. Co.
BLAIR—Blair Electric Light & Power Co.
BLUE SPRINGS—(See Wymore.)
CHARDON—Chardon Elec. Lt. & P. Co.
COLUMBUS—Columbus Elec. Lt. & Power Co.
CRETE—City owns the plant.
DAVID CITY—Bell, Jas. & Son
FAIRBURY—Fairbury E. L. & Power Co.
FALLS CITY—City Elec. L. Plant (City)
FREMONT—City Elec. Lt. Plant (City)
Fremont Gas & E. L. Co.
GRAND ISLAND—City Elec. Light & Ice Co.
HASTINGS—Hastings Light & Heat Co.
HOLDREDGE—Holdredge Electric Lt. Works.
HOOPER—Martin, Wm. T.
HUMPHREY—Humphrey Elec. Lt. & Telephone Co.
KEARNEY—Northwestern Elec. Htg. & Pr. Co.
LEXINGTON—Lexington Mill & Elevator Co.
LINCOLN—Lincoln Gas & Elec. Light Co.
McCOOK—McCook Electric Light Co.
NEBRASKA CITY—Nebraska City Water & L. Co.
NORFOLK—Norfolk Elec. L. & P. Co.
OMAHA—New Omaha Thomson-Houston Elec. Lt. Co.
PAWNEE CITY—Pawnee City Lt. & Water Plant (City)
SCHUYLER—Schuyler Elec. Lt. Plant (City)
SEWARD—Hayes, H. T. (Owner)
SOUTH OMAHA—South Omaha Water Works Co. (City)
STANTON—Stanton Electric Light Co.
STROMSBURG — Stromsburg Electric Light, Heat & Power Co.
SUPERIOR—Superior Elec. Lt. Co.
TECUMSEH—Town owns the plant.
TEKAMAH—Tekamah Electric Light Co.
VERDIGRIS—Gruenberg Bros. & Randa.
WAHOO—Jones, S. H. (owner)
WAYNE—Municipal Wtr. & Lt. Dept.
WYMORE—Wabaska Elec. Co.
YORK—York Lt. & Power Co.

NEVADA.

CARSON—Carson Light & Power Co.
RENO—Nevada Water, Light & Power Co.
VIRGINIA CITY—Truckee River General Electric Co.
WADSWORTH—Wadsworth Light & Power Co.
WINNEMUCCA—Winnemucca Water & Lt. Co.

NEW HAMPSHIRE.

ANTRIM—Goodell Co.
ASHLAND—Ashland Electric Light Co.
BARTLETT—(See Intervals)
BENNINGTON—(See Antrim.)
BERLIN—Berlin E. L. Co.
BETHLEHEM—Bethlehem Elec. Lt. Co.
BOW—(See Manchester.)
BRADFORD—Bradford Electric Light Co.
BRISTOL—Bristol Electric Light Co.
CAMPTON VILLAGE—Campton Electric Lt. Co.
CLAREMONT—Claremont Ry. & Lighting Co.
COLEBROOK—W. E. & W. Drew Electric Light Co.

CONCORD—Concord Electric Co.
CONTOOCOOK—Contoocook Elec. Lt. Co.
DOVER—United Gas & Electric Co.
EXETER—Exeter Gas Light Co.
FARMINGTON—Farmington Gas Light Co.
FRANKLIN FALLS—Franklin Lt. & Power Co.
GOFFSTOWN—Goffstown Heating & Lighting Co.
GORHAM—Cascade Elec. Lt. & Pwr. Co.
GROVETON—Groveton E. L. Co.
HILLSBORO BRIDGE—Hillsboro Electric Light & Power Co.
HOOKSET—(See Manchester Trac. Lt. & Pwr. Co.)
KEENE—Keene Gas & Electric Co.
LACONIA—Laconia Electric Lighting Co.
Winnepesaukee Gas & Electric Co.
LANCASTER—Lancaster & Jefferson Elec. Lt. Co.
LEBANON—Lebanon Elec. Lt. & P. Co.
LISBON—Lisbon Lt. & Pr. Co.
LITTLETON—Littleton Water & Light Co.
MANCHESTER—Manchester Electric Co.
Manchester Trac., Lt. & Power Co.
MARLBORO—Marlboro Electric Light, Heat & Power Co.
MEREDITH—Meredith Elec. Lt. Co.
MILFORD—Milford E. L. & Power Co.
NASHUA—Nashua Light, Heat & Power Co.
NEWPORT—Newport Elec. Light Co.
NORTH WALPOLE—See Bellows Falls.
PEMBROKE—(See Manchester.)
PENACOOK—Penacook Elec. Lt. Co.
PETERBORO—Peterboro Elec. Lt. & Power Co.
PLYMOUTH—Plymouth Electric Light Co.
PORTSMOUTH—Rockingham Co. Lt. & Pwr. Co.
RAYMOND—Raymond Elec. Lt. & Supply Co.
ROCHESTER—United Gas & Electric Co.
OMERSWORTH—Great Falls Gas Light Co.
SUNCOOK—(See Manchester.)
TILTON—Tilton Elec. Co.
WEST STEWARTSON—Allen Elec. Co.
WOLFBORO—Town Elec. Lt. Plant (town)
WOODSVILLE—Woodsville Aqueduct Co.

NEW JERSEY.

ASBURY PARK—Atlantic Coast Electric Light Co.
ATLANTIC CITY—Atlantic City Gas & Water Co.
Atlantic Elec. Lt. & Power Co.
Atlantic Electric & Construction Co.
ATLANTIC HIGHLANDS—Borough Elec. Lt. Plant
BAYONNE—(See Jersey City.)
BELLEVILLE—Hungerford Elec. & Mfg. Co.
BELVIDERE—Warren Wood Working Co.
BLOOMFIELD—National Light Supply Co.
BOONTON—Morris County Elec. Co.
BRANCHVILLE—Branchville Elec. Lt. Plant.
BRIDGETON—Bridgeton Elec. Co.
BURLINGTON—Burlington E. L. & Pr. Co.
AMDEN—(City owns plant).
CAPE MAY—Cape May Light & Power Co.
CARTERET—Carteret Elec. Lt. & Power Co.
CLAYTON—(See Pitman Grove.)
CLINTON—Clinton Electric Light Co.
COLLINGSWOOD—(See Haddonfield.)
DOVER—Dover Electric Light Co.
DUNELLEN—(See Bound Brook.)
EGG HARBOR—Egg Harbor Elec. Lt. Co.
ELIZABETH—United Electric Co. of N. J.
ENGLEWOOD—(See Hackensack.)
FLEMINGTON—Flemington Elec. Lt., Heat & P. Co.
FREEHOLD—Freehold Electric Light, Heat & Power Co.
GLASSBORO—(See Pitman Grove.)
GLOUCESTER—(See Camden.)
HACKENSACK—Gas & Elec. Co. of Bergen County
HACKETTSTOWN—Hackettstown Elec. Lt. Co.
HAMMONTON—Elec. Lt. Heat & Power Co.
HARRISON—Storey Motor & Electric Co.
HIGHTSTOWN—Elec. Lt. & Pwr. Co.
HOBOKEN—Hudson Electric Lt. & Pwr. Co.
HOPEWELL—Hopewell Electric Light, Heat & Power Co.
JERSEY CITY—United Electric Co.
LAKEWOOD—Lakewood Wter., Lt. & Pwr. Co.
LAMBERTVILLE—Hunterdon Elec. Co.
LODI—(See Paterson.)
MANASQUAN—(See Point Pleasant.)
MERCHANTVILLE—(See Camden).
MILLBURN—Millburn Elec. Co.
MILLVILLE—Millville Elec. Lt. Co.
MORRISTOWN—Morris County Elec. Co.
MT. HOLLY—(See Camden.)
NEWARK—United Elec. Co. of N. J.
NEW BRUNSWICK—Central Elec. Co.
NEW EGYPT—New Egypt Elec. Lt. & Pwr. Co.
NEWTON—Newton Gas & Electric Co.
NUTLEY—Paterson Gas & Electric Co.
OCEAN CITY—Ocean City Elec. Lt. Co.
ORANGE—People's Lt. & Pwr. Co.
PASSAIC—Paterson Gas & Elec. Co.
PATERSON—Paterson Gas & Elec Co.
PERTH AMBOY—Central Electric Co.
PITMAN GROVE—Wenonah, Glassboro & Clayton Electric Co.
PLAINFIELD—Plainfield Gas & E. L. Co.
PLEASANTVILLE—Shore Elec. Lt., H. & P. Co.
POINT PLEASANT—Point Pleasant Elec. Lt. & Pwr. Co.
PRINCETON—Princeton Elec. Works
RAHWAY—Central Elec. Co.
RARITAN—(See Perth Amboy.)
RED BANK—Shore Elec. Co. (See Newark.)
RIDGEWOOD—Gas & Electric Co. of Bergen County (see Hackensack).
RUTHERFORD—Gas & Elec. Co. of Bergen Co. (See Hackensack.)
SALEM—Salem Electric Co.
SAYREVILLE—Sayreville Elec. Lt. & Pwr. Co.
SEA ISLE CITY—Sea Isle City Elec. Lt., P. & Water Co
SOMERVILLE—Somerville Lighting Co.
TOMS RIVER—Toms River & Island Heights Elec. Lt. & Pwr. Co.
TRENTON—Trenton Gas & Elec. Co.
VINELAND—Vineland Light & Power Co.
WASHINGTON—Washington Elec. Lt., Heat & P. Co.
WENONAH—(See Pitman Grove.)
WOODBRIDGE—(See Rahway.)
WOODBURY—(See Camden.)

NEW MEXICO.

ALBUQUERQUE—Albuquerque Gas, Electric Light & Power Co.
DEMING—Deming Ice & Electric Co.
GALLUP—Gallup Electric Light & Power Co.
LAS VEGAS—Las Vegas Lt. & Fuel Co.
RATON—Raton, E. L. & Power Co.
ROSWELL—Roswell Electric Light & Power Co.
SANTA FE—Santa Fe Wtr. & Elec. Co.

NEW YORK.

ADAMS—Adams Elec. L. Co.
ADDISON—Addison Elec. Lt. & P. Co.
ALBANY—Albany Elec. Illuminating Co.
ALBION—Albion Power Co.
AMITYVILLE—Amityville Elec. Lt. Co.
AMSTERDAM—Amsterdam St. R. R. Co.
Empire State Pwr. Co.
ATHENS—Athens Elec. Light & Power Co.
ATTICA—Attica Electric Lt. & Pwr. Co.
AUBURN—Auburn Light, Heat & Power Co.
AN SABLE FORKS—Rogers, J. & J. Co.
AVON—Avon Electric Light Co.
BABYLON—Babylon E. L. Co.
BATAVIA—Consolidated Gas & Elec. Co.
City of Batavia Elec. Lt. Co.
BATH—Bath Electric & Gas Light Co.
BAY SHORE—Suffolk Gas & Elec. Lt. Co.
BINGHAMPTON—Binghampton Light, Heat & Power Co.
BOONVILLE—Boonville Elec. Light & Pwr. Co.
BRASHER FALLS—Babcock, B. A. (owner)
BROCKPORT—Brockport Electric Co.
BROOKLYN—(See N. Y. City, Borough of B'lyn.)
BUFFALO—Buffalo Gen. Electric Co.
Buffalo Lighing Co.
Buffalo & Niagara Falls Elec. Lt. & Pwr. Co. (See Niagara Fals.)
Cataract Power & Conduit Co. (Distributers of Niagara Falls Power.)
CALEDONIA—(See Mumford.)
CALDWELL—Lake George Lt., Heat & Pwr. Co.
CAMDEN—Osborne, M. P.
CANAJOHARIE—Montgomery Electric Light & Power Co.
CANANDAIGUA—Ontario Lt. & Trac. Co.
CANASTOTA—Canastota Elec. Lt. & Pwr. Co.
CANTON—Canton Elec. Light & Pwr. Co.
CARTHAGE—Carthage Elec. L. & P. Co.
CATSKILL—Catskill Illum. & Power Co.
CATTARAUGUS—Cattaraugus Electric Light & Power Co.
CAZENOVIA—Cazenovia Electric Co.
CHAMPLAIN—Champlain Electric Co.
CHATEAUGAY—Chateaugay Elec. Lt. & P. Co.
CHARLOTTE—Village Elec. Lt. Plant
CHATHAM—Chatham Elec. Lt., Heat & P. Co.
CHESTERTOWN—Faxon, Chas. H. & Son
CITY ISLAND—(See N. Y. City, Borough of Bronx).
CLAYTON—Thousand Island Elec. Lt. Co.
CLINTON—Clinton Electric Co.
CLYDE—Wayne County Electric Co.
COBELSKILL—Courter Elec. Co.
COHOES—Cohoes Gas Lt. Co.
COLD SPRINGS—Cold Spring Lt., Ht. & Pwr. Co.
COOPERSTOWN—Clinton Mills Pr. Co.
CORINTH—Corinth Electric Light Co.
CORNING—Corning Gas & Electric Co.
CORNWALL-ON-HUDSON—Cornwall Elec. L. & P. Co.
CORTLAND—Cortland & Homer E. Co.
DANSVILLE—Dansville Gas & Elec. Co.
DELEVAN—Delevan Elec. Lt. & P. Co.
DELHI—Delhi Electric Co.
DEPEW—(See Lancaster).
DEPOSIT—Deposit Electric Co.
DOVER PLAINS—Dover Elec. Lt. & P. Co.
DUNDEE—Dundee Elec. Lt., Ht. & Pwr. Plant
DUNKIRK—Dunkirk Power & Heating Co.
EARLVILLE—Parsons Low-Down Wagon Works
EAST ALBANY—(See Rensselaer)
EAST AURORA—East Aurora Elec. Light Co.
ELLENVILLE—Ellenville Electric Lt. Co.
ELMIRA—Elmira Wtr., Lt. & R. R. Co.
FAIRPORT—De Land & Co.
FAR ROCKAWAY—(See New York City, Borough of Queens)
FAYETTEVILLE—Fayetteville Electric Lt. Co.
FLORAL PARK—Floral Park Lt. & Pr. Co.
FLUSHING—(See New York City, Borough of Queens)
FONDA—Cayadutts Generating Co.
FORT ANN—Kanes Falls Electric Co.
FORT PLAIN—Fort Plain Gas & Electric Light, Heat & Power Co.
FREDONIA—Village owns the plant
Dunkirk & Fredonia Street Ry. & Elec. Lt. Co.
FREEPORT—Village owns plant
FULTON—Fulton Light, Heat & Power Co.
GENESEO—Geneseo Gas Lt. Co.
GENEVA—Geneva Pwr. & Lt. Co.
GLEN COVE—Franklin Elec. Illg. Co.
GLENS FALLS—Glens Falls Gas & Electric Light Co.
GLOVERSVILLE—Fulton County Gas & Elec. Co.
GOSHEN—Goshen L. & Power Co.
GOUVERNEUR—Oswegatchie Light & Pr. Co.
GOWANDA—Gowanda Agricultural Works Co.
Gowanda Electric Light & Power Co.
GRANVILLE—Granville Elec. Lt. & Power Co.
GRAVESEND—(Borough B'klyn, N. Y. City)
GREENE—Greene Elec. Lt. Co.
GREEN ISLAND—(Village of Green Island)
GREENWICH—Consolidated Elec. Co.
HAMBURG—Hamburg Water & Electric Light Co.
HAMILTON—Hamilton Water & Light Plant (Village)
HAMMONDSPORT — Hammondsport Electric Light Co.
HAVERSTRAW—Haverstraw Elec. Lt., Heat & Power Co.
HERKIMER—City Elec. Lt. Plant
HIGHLAND FALLS—Buttermilk Falls Elec. Co.
HILLBURN—Rockland Elec. Co.
HOOSICK FALLS—Hoosic Falls Electric Co.
HORNELLSVILLE—Am. Illuminating Co.
HOWES CAVE—Casper, Frank L.
ILION—Village Elec. Light Plant
ITHACA—Ithaca Gaslight Co.
JAMAICA—(See New York City, Borough of Queens)
JAMESTOWN—Jamestown Lighting & Pr. Co.
Municipal Electric Lighting Plant
JOHNSTOWN—(City owns plant).
JORDAN—Jordan Elec. Light & Power Co.
KEESEVILLE—Keeseville Elec. Co.
KINGSTON—Kingston Gas & Electric Co.
LANCASTER—Depew & Lancaster Lt., Power & Conduit Co.
LE ROY—Le Roy Hydraulic Electric Co.
LITTLE FALLS—Herkimer County Lt. & Pwr. Co.
LIVONIA STATION—Stedman Elec. & Mfg. Co.
LOCKPORT—Lockport Gas & Elec. Light Co.
LONG ISLAND CITY—(See New York City, Borough of Queens)
LOWVILLE—Wetmore Electric Co.
LYONS—Wayne County Electric Co.
MALONE—Malone Light & Power Co.
MANHATTAN BEACH—(See New York City, Borough of Brooklyn)
MATTEAWAN—Citizens' R. R., Light & Power Co.
MECHANICSVILLE—Halfmoon Light, Heat & Pr. Co. (Gas & Electricity)
Mechanicsville Electric Light & Gas Co.

MEDINA—Swett, A. L. Electric Light & Power Co.
MEXICO—Mexico Elec. Light Co.
MIDDLEBURG—Middleburg & Schoharie Elec. Lt., Heat & P. Co.
MIDDLETOWN—Orange County Gas & Electric Co.
MINEOLA—(See Roslyn)
MOHAWK—(See Little Falls)
MONTICELLO—Murray Elec. Lt. & P. Co.
MONTOUR FALLS—Montour Falls Electric Light Co.
MORRISVILLE—Morrisville Elec. Light Co.
MORAVIA—Moravia Elec. Lt., Heat & Power
MORRISVILLE—Earl, W. M. (Owner)
MT. MORRIS—Mt. Morris Illg. Co.
MT. VERNON—Westchester Lighting Co.
MUMFORD—Hyde, F. H.
NEWARK—New Light Heat & Power Co.
NEW BERLIN—New Berlin Light & Power Co.
NEWBURGH—Newburgh Lt., Ht. & Power Co.
NEWPORT—Newport Elec. Light & Power Co.
NEW ROCHELLE—E. Chester Elec. Co. of Mt. Vernon

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Edison Electric Illuminating Co., 358 Pearl
Flatbush Gas Co., 819 Flatbush av.
Kings County Electric Light & Power Co., 360 Pearl
Manhattan Beach Improvement Co., Manhattan Beach
Municipal Elec. Lt. Co., 42 Ainslie.
Northern Light Co., 1244 Fulton.

Boroughs of Manhattan & Bronx.

NEW YORK—The New York Edison Co., 53-57 Duane st

Borough of Queens.

FAR ROCKAWAY—Queens Borough Elec. Lt. & Power Co.
FLUSHING—New York & Queens Electric Light & Power Co.
JAMAICA—New York & Queens Elec. Lt. & Pwr. Co. (See Flushing)
LONG ISLAND CITY—New York & Queens Elec. Lt. & Power Co. (See Flushing)

Borough of Richmond.

WEST NEW BRIGHTON—N. Y. & S. I. Electric Co.

(END OF NEW YORK CITY)

NIAGARA FALLS—Buffalo & Niagara Falls Gas & Electric Light Co.
Niagara Falls Hydraulic Power & Mfg. Co.
Niagara Falls Power Co.
NORTHPORT—Northporth Elec. Lt. Co.
NORTH TONAWANDA—Tonawanda Power Co.
NORTHVILLE—Northville Elec. Lt. & P. Co.
NORWICH—Norwich Gas & Electric Co.
NORWOOD—Norwood Elec. Lt. & Pr. Co.
NYACK—Rockland Light & Power Co.
OGDENSBURG—St. Lawrence Gas, Electric & Transportation Co.
OLEAN—Olean Electric Light & Power Co.
ONEIDA—Madison County Gas & Electric Co.
Warner, J. W.
ONEONTA—Oneonta Elec. Lt. & Power Co.
OSSINING—Ossining Heat, Light & Power Co.
OSWEGO—People's Gas & Electric Co.
OSWEGO FALLS—(See Fulton)
OVID—Ovid Electric Light Co.
OWEGO—Owego Light & Power Co.
OXFORD—Oxford Elec. Lt. Co.
OYSTER BAY—Oyster Bay Light & Power Co.
PALMYRA—Palmyra Elec. Lt. & Pr. Co.
PATCHOGUE—Patchogue Elec. Lt. Co.
PEEKSKILL—Peekskill Lighting & R. R. Co.
PENN YAN—Yates Electric Light & Power Co.
PERRY—Perry Elec. Light Co.
PHELPS—Howe's, J. Q. Sons
PHOENIX—Phoenix Fuel & Light Co.
PLATTSBURG—Plattsburg Light, Heat & Power Co.
PORT CHESTER—Westchester Lighting Co. (See Mt. Vernon).
PORT JEFFERSON—Port Jefferson Elec. Light Co.
PORT JERVIS—Port Jervis Electric Light, Power, Gas & R. R. Co.
PORT WASHINGTON—(See Roslyn)
POTSDAM—Potsdam Electric Light & Power Co.
POUGHKEEPSIE—Poughkeepsie Light, Heat & Power Co.
PULASKI—Pulaski Electric Light Co.
RANDOLPH—Woodmancy, J. L. & Bro.
RENSSELAER—Albany & Hudson Ry. & Power Co.
RHINEBECK—Dutchess Lt., Ht. & Pwr. Co.
RICHFIELD SPRINGS—Richfield Springs Electric Light & Power Co.
RIVERHEAD—Riverhead Elec. Lt. Co.
ROCHESTER—Rochester Gas & Electric Co.
Wheeler-Green Electric Co.
ROCKVILLE CENTRE—Village Elec. Lt. Plant
ROME—Rome Gas, Elec. L. & P. Co.
ROSLYN—Nassau Light & Power Co.
ST. JOHNSVILLE—East Creek Electric Light & Power Co.
SAG HARBOR—Sag Harbor Elec. Lt. & Pwr. Co.
SALAMANCA—Salamanca Water Works Co.
SALEM—Salem, E. L. & P. Co.
SANDY HILL—United Gas, Electric Light & Fuel Co.
SARANAC LAKE—Saranac Lake Elec. Lt., Ht. & Power Co.
SARATOGA SPRINGS—Saratoga Gas, Electric Light & Power Co.
SAUGERTIES—Saugerties Elec. Light & Power Co.
SAYVILLE—Sayville Elec. Lt. Co.
SCHENECTADY—General Electric Co.
SEA CLIFF—Franklin Elec. Illg. Co.
SENECA FALLS—Seneca Edison Co.
SHERMAN—Sherman Elec. Light Co.
SIDNEY—Susquehanna Valley Electric Co.
SILVER CREEK—People's Elec. Light & Power Co.
SOUTHAMPTON—Southampton Elec. Lt. Co.
SPENCER—Seely, S. A.
SPRINGVILLE—City Elec. Lt. Plant (City)
STAMFORD—Stamford Elec. Light Co.
STILLWATER—Pemble, W.
SYRACUSE—Syracuse Lighting Co., 112 E. Jeff.
TARRYTOWN—Hudson River Gas & Elec. Co.
THERESA—Theresa Electric Lt. & Power Co.
TICONDEROGA—Ticonderoga E. L. & P. Co.
TONAWANDA—Tonawanda Power Co. (See N. Tonawanda).
TROY—Beacon Electric Light Co.
Beacon Troy Gas Co., Elec. Dept.
Troy Elec. Lt. Co., River, c. Liberty.
TULLY—Village Elec. Lt. Plant (Village)
TUXEDO PARK—Tuxedo Elec. Lt. Co.
UTICA—Utica Electric Light & Power Co.
Utica Gas & Elec. Co.
WALDEN—Wallkill Valley Elec. Lt. & P. Co.
WALTON—Walton Electric Light Co.
WARRENSBURG—Smith, John G.
WARSAW—Warsaw Gas & Elec. Co.
WARWICK—Warwick Valley Lt. & P. Co.
WATERFORD—(See Troy).
WATERLOO—(See Sencca Falls)
WATERTOWN—Watertown E. L. Co.
WATERVILLE—Waterville Elec. Lt. & Power Co.
WATERVLIET—City Elec. Lt. Plant (city)
WATKINS—Watkins Consolidated Gas & Electric Light Co.
WAVERLY—Waverly E. L. & P. Co.
WAYLAND—Shafer, Wolff & Co.
WEEDSPORT—Weedsport Elec. Light Co.
WELLSVILLE—Wellsville Elec. Lt., Heat & P. Co.
WESTCHESTER—(See Mt. Vernon.)
WESTFIELD—Village Elec. Lt. Plant (village)
WHITEHALL—Consolidated Lt. & Power Co.
WHITE PLAINS—White Plains Ltg. Co.
WHITESBORO—(See Utica Elec. Lt. & Pr. Co.
WOLCOTT—Wolcott Elec. Lt. & P. Co.
WORCESTER—Worcester Elec. Lt. & Pwr. Co.
YONKERS—Yonkers Elec. Lt. & P. Co.

NORTH CAROLINA.

ASHEVILLE—Asheville Elec. Co.
CHAPEL HILL—University of N. C. Elec. Light Plant
CHARLOTTE—Charlotte Electric Ry., Light & Power Co.
CONCORD—Concord Elec. Lt. Co.
DURHAM—Durham Traction Co.
ELKIN—Elkin Elec. Lt. & Power Co.
GREENSBORO—Greensboro Gas & Electric Co.
HENDERSON—Henderson Ligthing & Power Co
HICKORY—Hickory Electric Co.
HIGH POINT—Municipal Plant
INSTON—Kinston Elec. Light Plant (City).
LENOIR—Lenoir Electric Co.
LEXINGTON—Lexington Elec. Lt. & P. Co.
MAXTON—Carolina Electric Co.
MORGANTOWN—Morgantown Elec. Lt. & P. Co
NEWBERNE—Newberne Electric Light Co.
NEWTON—Newton Elec. Lt. Plant (city)
RALEIGH—Raleigh Electric Co.
REIDSVILLE—Reidsville Elec. Lt. Plant (city)
ROPER—Blount Milling & Electric Light Co.
SALEM—(See Winston-Salem).
SALISBURY—Salisbury Gas & Elec. Light Co
SOUTHERN PINES—Chandler, I. T.
STATESVILLE—City Electric L. Plant
WASHINGTON—Washington Lt. & Water Co
WILMINGTON—Consolidated Ry., Light & Power Co.
WILSON—City Elec. Lt. Plant (city)
WINSTON-SALEM—Fries Mfg. & Power Co.

NORTH DAKOTA.

BISMARCK—Hughes Elec. Co.
BOTTINEAU—Telephone, Electric Light & Water Supply Co.
CASSELTON—City Elec. Lt. Plant (city)
DEVIL'S LAKE—Thompkins, A. (owner)
FARGO—Union Light, Heat & Power Co.
GRAFTON—City Elec. Lt. Plant (city)
GRAND FORKS—Grand Forks Gas & Elec. Co.
JAMESTOWN—Western Electric Co.
LANGDON—Langdon E. L. Co.
MADAN—Madan Electric Co.
MINOT—Minot Light & Telephone Co.
WAHPETON—Northern Light Elec. Co.

OHIO.

ADA—Ada Water, Heat & Light Co.
AKRON—Northern Ohio Traction & Light Co.
ALLIANCE—Alliance Gas & Electric Co.
ANTWERP—Harris, Henry.
ARCHBOLD—Walder, A.
ASHLAND—Ashland Gas & E. L. Co.
ASHTABULA—City Elec. Lt. Plant (city)
ATHENS—Athens Gas Light & Elec Co.
BAINBRIDGE—Village Elec. Lt. Plant
BARNESVILLE—Barnesville Gas & E. L. Co.
BEDFORD—People's Elec. Lt. Co.
BELLAIRE—Bellaire Gas & Electric Co.
Belmont Elec. Lt. & Power Co.
BELLVILLE—Gardner, E. K.
BELLEVUE—Bellevue Elec. Light & Power Co.
BEREA—City Elec. Lt. Plant
BLANCHESTER—City Elec. Lt. Plant
BOWLING GREEN—Bowling Green Gas Co.
BRIDGEPORT—Bridgeport Elec. Lt. & Pr. Co.
BUCYRUS—Bucyrus Gas & Elec. Light Co.
BURTON—Burton Electric Co.
CADIZ—Cadiz Elec. Lt. & P. Co.
CAMBRIDGE—Cambridge Light & Fuel Co.
Consolidated Co.
CAMDEN—Camden Electric Light Co.
CANAL DOVER—Orville Light, Heat & Power Co.
CANTON—Canton Lt., Heat & P. Co.
CARDINGTON—Schambs, G. M. (owner)
CARROLLTON—Carrollton Electrical Co.
CARTHAGE—City Elec. Lt. Plant (city)
CHAGRIN FALLS—Chagrin Falls Elec. Co.
CHILLICOTHE—Chillicothe Elec. R. R., Lt. & P. Co.
CINCINNATI—Central Electric Co., 709 Main.
Cincinnati Gas & Elec. Co., 4th & Plum.
General Electric Co., Perin bldg.
Harrison Light & W. Co., Johnston bldg.
CIRCLEVILLE—Circleville L. & Pr. Co.
CLEVELAND—Bradley Electric Light, Heat & Power Co.
Cleveland Electric Illuminating Co.
Williams Pub. & Elec. Co.
CLYDE—Village Elec. Lt. Plant (village)
COLUMBIANA—Village Elec. Lt. Plant (village)
COLUMBUS—Columbus Edison E. L. Co.
CONNEAUT—Municipal Elec. Lt. Plant (city)
CONTINENTAL—Continental Electric Co.
COSHOCTON—Coshocton Light & Heating Co.
Merchants' Elec. Lt. & Power Co.
COVINGTON—Albany, R. M.
CRESTLINE—Cantine, W. W. & Co.
CUYAHOGA FALLS—City owns plant
DAYTON—Dayton Electric Light Co.
Sidney Elec. Lt. Co.
DEFIANCE—People's Gas & Elec. Co.

DE GRAFF—Village Elec. Lt. Plant (village)
DELAWARE—Delaware Elec. L. & P. Co.
DELPHOS—Delphos Elec. L. & P. Co.
DELTA—Delta Electric Light Co.
DENNISON—United Electric Co.
EAST LIVERPOOL—United Power Co.
EATON—Eaton Elec. Lt., Power & Ice Mfg. Co
ELYRIA—Citizens' Gas & Electric Co.
Ely Realty Co.
FINDLAY—Gaslight & Coke Co.
FOSTORIA—City Heat & Light Co.
FRANKFORT—City Elec. Lt. Plant
FRANKLIN—Franklin Elec. Light Co.
FREMONT—Fremont Gas, Elec. Lt. & Pr. Co.
GALION—City owns plant.
GALLIPOLIS—Clendenin Elec. Lt. & Pr. Co.
Gallipolis Electric Light Co.
GARRETTSVILLE—Payne Elec. Co.
GENEVA—Geneva Illuminating Co.
GIBSONBURG—Gibsonburg Electric Light & Telephone Co.
GIRARD—(See Youngstown)
GRANVILLE—City Elec. Lt. Plant
GREENFIELD—Greenfield Water & Elec. Lt. Plant (city)
GREENVILLE—Greenville Elec. Lt. & P. Co.
GREENWICH—Village Elec. Lt. Plant (village)
HAMILTON—Hamilton Electric Light Co.
HARRISON—Harrison Light & Water Co.
HICKSVILLE—Hicksville Elec. Light Co.
HILLSBORO—Hillsboro Lt. & Fuel Co.
HUBBARD—Village Elec. Lt. Plant (village)
HURON- City Elec. Lt. Plant
IRONTON—(City owns plant).
JACKSON—City Elec. Lt. Plant (city)
JAMESTOWN—Jamestown Elec. Lt. Co.
JEFFERSON—Jefferson Lt. & Power Co.
KENT—Kent Water & Light Co.
KENTON—Kenton Gas & Elec. Co.
KINSMAN—Kinsman Electric Co.
LANCASTER—Lancaster Elec. Light Co.
LEBANON—City Elec. Lt. Plant
LEETONIA—Leetonia Elec. L. & P. Co.
LEIPSIC—Leipsic Electric Light Co.
LIMA—Lima Electric Ry. & Light Co.
LISBON—New Lisbon Gas Co.
LOGAN—Citizens' Elec. Lt. Co.
LONDON—City Elec. Lt. Plant (city)
LORAIN—(City owns plant).
LOUDONVILLE—Village Elec. Lt. Plant
LOWELLVILLE—City Elec. Lt. Plant
LYNCHBURG—Village Elec. Lt. Plant (village)
McCOMB—McComb Elec. Lt. & Power Co.
M'CONNELSVILLE—McConnelsville-Malta Elec. Co.
MADISONVILLE—City Elec. Lt. Plant (city)
MALTA—(See McConnelsville)
MANSFIELD—Citizens' E. Ry. L. & Pr. Co.
Mansfield Elec. Lt. & Pr. Co.
MARIETTA—City owns the plant
Marietta Elec. Co.
MARION—Marion Elec. Light & P. Co.
MARTIN'S FERRY—Martin's Ferry Elec. Light Plant (city)
MARYSVILLE—Marysville Light & Water Co.
MASSILON—Massilon Light, Heat & Power Co.
MAUMEE—Maumee Elec. Co.
MECHANICSBURG—Mechanicsburg Gas Lt. Co.
MEDINA—Medina Elec. Lt. & Power Co.
MIAMISBURG—Miamisburg Electric Co.
MIDDLEPORT—Mutual Elec. Lt. Co.
MIDDLETOWN—Middletown Elec. Lt. & P. Co.
Middletown Gas & Electric Light Co.
MILAN—City Elec. Lt. Plant
MILFORD CENTER—Milford Centre Elec. Lt. & Water Works (village)
MILLERSBURG—Millersburg Elec. L. Co.
MINERAL CITY—Village Lt. Plant
MINERVA—Village Elec. Lt. Plant (village)
MONTPELIER—Village Elec. Lt. Plant (village)
MORROW—People's Electrical Co.
MT. GILEAD—Mt. Gilead Electric Light, Heat & Power Co.
MT. STERLING—Mt. Sterling Elec. Lt. & Water Works (village)
MT. VERNON—Mt. Vernon (Ohio) Elec. Light Co.
NAPOLEON—Napoleon Water Works & Elec. Lt. Plant (city)
NELSONVILLE—Nelsonville Elec. Lt. Co.
NEWARK—Citizens' Elec. Light & Power Co.
Municipal Elec. Lt. Plant (City)
NEW BREMEN—New Bremen Elec. Lt. Co.
NEW LEXINGTON—Smith, T. J.
NEW LONDON—Municipal Lt. & Power Co.
NEW PHILADELPHIA—Beyers & Leiser Electric Co.
New Philadelphia Light, Heat & Power Co.
NEW RICHMOND—New Richmond Elec. Lt. & Water Works
NILES—City of Niles Elec. Lt. Plant (city)
Niles Elec. Lt. & P. Co.
NORTH BALTIMORE—North Baltimore Water & Electric Co.
Standard Electric & Mfg. Co.
NORWALK—Norwalk Gas & Elec. Co.
NORWOOD—Bullock Electric Mfg. Co.
Norwood Water Works & Electric Lighting Plant (Village)
OAK HARBOR—Mylander, H. H.
OBERLIN—Oberlin Gas & Elec. Co.
ORRVILLE—Orrville Lt., Heat & P. Co.
OTTAWA—Ottawa Elec. Lt. Co.
OXFORD—City owns the plant
PAINESVILLE—City Elec. Lt. Plant (city)
Painesville Commercial Elec. Co.
PAULDING—Paulding Elec. Light & Power Co.
PIQUA—Piqua Elec. Co.
PLAIN CITY—Plain City Water Works & Lt. Plant (village)
POMEROY—Pomeroy & Middleport Elec. Co.
PORT CLINTON—Port Clinton Elec. Lt. & P. Co.
PORTSMOUTH—Portsmouth St. R. R. & Lt. Co.
PROSPECT—Prospect Electric Light Co.
RAVENNA—Ravenna Gas & Elec. Lt. Co.
READING—Water Works & Electric Light Board (village).
RICHWOOD—Schamb, E. A.
RIPLEY—Ripley Gaslight & Coke Co.
ROCKFORD—Rockford Electric Lighting Co.
ST. BERNARD—St. Bernard Water Works & Elec. Lt. Plant (village)
SALEM—Salem Elec. L. & Pr. Co.
ALINEVILLE—Salineville Electric Light, Heat & Power Co.
SANDUSKY—Sandusky Gas & Electric Co.
SEBRING—Sebring Electric Lt. & Power Co.
SHAWNEE—Shawnee & Straitsville Electric Light Co.
SHELBY—City Electric Co.
SHREVE—Citizens' Elec. Lt., Heat & Pr. Co.
Shreve Electric Light & Power Co.
SIDNEY—Sidney Elec. Lt. Co.
SPRINGFIELD—Springfield Lt. & Pr. Co.
STEUBENVILLE—Steubenville Trac. & Lt. Co.
SYCAMORE—Village Elec. Lt. Plant
TIFFIN—Consolidated Gas & Lt. Co.
TOLEDO—Consolidated Gas & Light Co.
Toledo Heating & Lighting Co. 514 Madison.
TORONTO—Toronto Elec. L. & Pr. Co.
TROY—Troy Elec. Lt. Plant (city)
UPPER SANDUSKY—Citizens' Elec. Lt. & P. Co.
URBANA—Urbana Elec. Lt. & P. Co.
VAN WERT—Van Wert Gas Lt. Co.
WADSWORTH—Wadsworth General Elec. Co.
Wadsworth Light & Water Co.
WAPAKONETA—Village Elec. Lt. Plant (village)
WARREN—Warren Electric Lt. & Power Co.
WASHINGTON COURT HOUSE—Washington Gas & Elec. Co.
WAUSEON—Williams, H. H. & Co.
WELLSTON—City Elec. Lt. Plant (City)
WELLSVILLE—Wellsville Elec. Lt. Co.
WESTERVILLE—Westerville Electric Co.
WILLOUGHBY—Village Elec. Lt. Plant (Village)
WILMINGTON—Wilmington Elec. Lt. Plant (Village)
WOODVILLE—Village Elec. Lt. Plant (Village)
WOOSTER—Wooster Electric Co.
WYOMING—Wyoming Light, Water, Heat & Power Co.
XENIA—Xenia Elec., Heat, Lt. & Power Co.
YOUNGSTOWN—Youngstown Consolidated Gas & Elec. Co.
ZANESVILLE—Zanesville Ry. Lt. & Pr. Co.

OKLAHOMA TERRITORY.

ALVA—Alva Light & Power Co.
BLACKWELL—Blackwell Electric Light & Power Co.
EL RENO—El Reno Elec. Lt. & Tel. Co.
El Reno Light & Power Co.
ENID—Enid Light & Power Co.
GUTHRIE—New Elec. & Gas Lt. Co.
HOBART—Hobart Ice, Coal & Electric Co.
LAWTON—Comanche Light & Power Co.
MANGUM—Mangum Electric Lt. & Power Co.
OKLAHOMA—Oklahoma Gas & Electrical Co.
PERRY—Perry Water, Lt. & Ice Co.
PONCA—Ponca City Electric Light & Ice Mfg. Co.
SHAWNEE—Shawnee Electric Lt. & Power Co.
Shawnee Elec. Works.

OREGON.

ALBANY—Oregon Gas Lt., Heating & Power Co.
ASHLAND—Ashland Elec., Power & Lt. Co.
ASTORIA—Astoria Electric Co.
BAKER CITY—Baker Gas & Elec. Co.
COQUILLE—Morse, Frank
CORVALLIS—Corvallis Elec. Lt. & Power Co.
COTTAGEGROVE—Abrahms, W. H. & Co.
DALLAS—Dallas Elec. Lt. Co.
EAST PORTLAND—(See Portland).
ENTERPRISE—Enterprise Electric Light Co.
EUGENE—Eugene Elec. Lt. Co.
GRANT'S PASS—Grant's Pass New Water, Lt. & Power Co.
HEPPNER—Heppner Lt. & Water Co.
HOOD RIVER—Hood River Electric Light, Power & Water Co.
INDEPENDENCE—Independence & Monmouth Water & Elec. Lt. Co.
KLAMATH FALLS—Klamath Falls Lt. & Water Co.
LA GRANDE—La Grande Lt. & Power Co.
LEBANON—Hughes, J. S. & J. B.
McMINNVILLE—City Elec. Lt. Plant.
MARSHFIELD—Marshfield Elec. & Gas Co.
MILTON—City Elec. Lt. Plant (City)
NEWBERG—Edwards, C. J.
OREGON CITY—Portland General Electric Co.
PENDLETON—Pendleton Elec. Lt. & Power Co.
PORTLAND—Portland General Elec. Co.
PRINEVILLE—Prineville Light & Water Co.
ROSEBURG—Roseburg Water & Lt. Co.
ST. HELEN—St. Helen Lt. & Water Co.
SALEM—Salem Lt., Power & Traction Co.
SCIO—City Elec. Lt. Plant (City)
SILVERTON—Silverton Lt. & Water Co.
STAYTON—Stayton Elec. Lt. Co.
THE DALLES—Wasco Warehouse Milling Co.
TILLAMOOK—Tillamook Lumbering Co.
UNION—Union Electric Light Co.
WASCO—(See The Dalles).
WOODBURN—Union Light & Power Co.

PENNSYLVANIA.

ALLEGHENY—City Elec. Light Plant (City)
Pennsylvania Light & Power Co.
ALLENTOWN—Lehigh Valley Traction Co.
ALTOONA—Edison Elec. Ill. Co.
AMBLER—Ambler Elec. Lt., Ht. & Motor Co.
APOLLO—Apollo Electric Light, Heat & Power Co.
ARCHBALD—Crescent Electric Co.
ARDMORE—Haverford Electric Light Co.
ASHLAND—Edson Electric Illuminating Co.
ATHENS—(See Waverly, N. Y.)
AVALON—(See Bellevue)
AVOCA—Standard Elec. Lt., Heat & Power Co.
BANGOR—Bangor Elec. Lt., Heat & Power Co.
BEAVER FALLS—(See New Brighton)
BEDFORD—Bedford Elec. Lt., Heat & Power Co.
BELLEFONTE—Bellefonte Electric Co.
BELLE VERNON—Belle Vernon Lt. & Heat Co.
BERLIN—Berlin Electric Light Co.
BERWICK—Berwick Elec. Lt. Co.
BETHLEHEM—Bethlehem Elec. Lt. Co.
BIRDSBORO—Birdsboro Elec. Co.
BLAIRSVILLE—Citizens' Heat, Lt. & Power Co.
BLOOMSSBURG—American Elec. Lt. Co.
BLOSSBURG—Blossburg Elec. Lt. & Pr. Co.
BRADDOCK—(See Pittsburg).
BRADFORD—Bradford Elec. Lt. & Power Co.
BRISTOL—Bristol Elec. Lt. & Power Co.
BROOKVILLE—Solar Elec. Co.
BROWNSVILLE—Brownsville Light, Heat & Power Co.
BUTLER—Butler Lt., Heat & Motor Co.
CAMBRIDGE SPRINGS—Cambridge Springs Elec. Telegraph & Telephone Co.
CANONSBURG — Canonsburg Electric Light, Heat & Power Co.
Manufacturers' Electric Light & Heat.
CANTON—Canton Illuminating Co.
CARBONDALE—Carbondale Elec. Lt., Heat & Power Co.
Lackawanna Valley Electric Light & Power Supply Co.
CATASAUQUA—Lehigh & Northampton Gas & Electric Light Co.
CATAWISSA—City Elec. Lt. Plant (City)
CHAMBERSBURG—Chambersburg Elec. Lt. Plant (City)
CHESTER—Beacon Light Co.
CHICORA—Citizen's Light & Fuel Co.
CHRISTIANA—Melchen, A. J. (Owner)
CLARION—Clarion Elec. Co.
CLEARFIELD—Central Penn. Lt. & Power Co.

CLIFTON HEIGHTS—Citizens' Elec. Lt. & Power Co.
COATESVILLE—Coatesville Elec. Lt., Ht. & Power Co.
COLUMBIA—Columbia Elec. Lt. & Power Co.
CONNELLSVILLE—Yough, Lt., Heat & Power Co.
CONSHOHOCKEN—Conshohocken Elec. Lt. & Power Co.
COPLAY—(See Catasauqua)
CORAOPOLIS—Manufacturers' Light & Heat Co
CORRY—Climax Mfg. Co.
COUDERSPORT—Home Elec. Co.
CURWENSVILLE—Curwensville Electric Co.
DANVILLE—Standard Elec. Lt. Co.
DAWSON—Dawson Elec. Lt. & Power Co.
DELTA—Delta Electric Light Co.
DERRY STATION—Derry Elec. Lt. Co.
DILLSBURG—Bailey, Logan U.
DOWNINGTOWN—Chester Valley Elec. Lt., Ht. & Power Co.
DOYLESTOWN—Doylestown Elec. Co.
DU BOIS—Du Bois Elec. Co.
DUNBAR—Dunbar Electric Co.
DUNCANNON—Duncannon Municipal Plant
DUNMORE—Dunmore Elec. Lt., Ht. & Power Co.
DUQUESNE—(See Pittsburg)
EAST DOWNINGTOWN—(See Downingtown).
EASTON—Easton Power Co.
People's Electric Light, Heat & Power Co.
EBENSBURG—Ebensburg Lt., Ht. & Pr. Co.
ELIZABETH—Elizabeth Electric Light, Heat & Power Co.
ELIZABETHTOWN—Elizabethtown Elec. Lt., Heat & Power Co.
ELLWOOD CITY—Ellwood Elec. Lt. Co.
EMAUS—Town owns the plant.
EMLENTON—Emlenton Gas Light & Fuel Co.
EPHRATA—Lancaster Valley Electric Lt. Co.
ERIE—Edison Elec. Lt. & Power Co.
Erie Co.
EVERETT—Everett Lt., Heat & Power Co.
FOREST CITY—Forest City Electric Light Co.
FORTY FORT—City Elec. Lt. Plant.
FRACKVILLE—Frackville & Gilberton Lt., Heat & Power Co.
FRANKLIN—Franklin Elec. Co.
FREEDOM—(See New Brighton)
FREELAND—Freeland Elec. Lt., Heat & Power Co.
GALLITZIN—Gallitzin Electric Light Co.
GERMANTOWN—(See Philadelphia).
GILBERTON—(See Frackville)
GLEN LYON—(See Nanticoke)
GLENOLDEN—(See Clifton Heights)
GREAT BEND—(See Halistead)
GREENSBURG—Westmoreland Light, Heat & Power Co.
GREENEVILLE—People's Elec. Lt., Heat & Power Co.
GROVE CITY—Union Heat & Light Co.
HAMBURG—Hamburg Elec. Lt., Ht. & Pr. Co
HANOVER—Hanover Lt., Ht. & Power Co.
HARRISBURG—Harrisburg Lt., Ht. & Pr. Co.
HATBORO—Hatboro Elec. Lt. Co.
HAWLEY—Hawley Elec. Lt. & Power Co.
HAZLETON—Hazleton Elec. Lt., Ht. & Pr. Co.
HOLLIDAYSBURG—Hollidaysburg Elec. Lt. & Pr. Co.
HOMESTEAD—(See Pitsburg).
HONESDALE—Honesdale Consolidated Electric Light, Heat & Power Co.
HOUTZDALE—Henderson, Saml. T.
HUGHESVILLE—Citizens' Elec. Lt. & Pr. Co.
HUMMELSTOWN—Hummelstown Elec. Lt., Ht. & Power Co.
HUNTINGDON—Drake Cycle & Electric Co.
INDIANA—Indiana Elec. Co.
IRWIN—Irwin Elec. & Power Co.
JEANETTE—Jeanette Electric Light Co.
JENKINTOWN—Jenkentown Electric Light Co.
JERMYN—Jermyn Elec. Lt., Ht. & Power Co.
JERSEY SHORE—Jersey Shore Electric Street Ry. Co
JOHNSTOWN—Johnstown, Lt., Heat & Pr. Co.
KANE—Kane Gaslight & Heating Co.
KENNETT SQUARE—Kennett Electric Lt., Ht. & Power Co.
KINGSTON—Wyoming Lt. & Power Co.
KITTANNING—Armstrong Elec. Lt. Co.
Kittanning Elec. Light, Heat & Power Co.
KUTZTOWN—Keystone Elec. Lt., Ht. & Power Co. of Maxatawny.
Kutztown Elec. Lt., Ht. & Power Co.
LANCASTER—Lancaster Elec. Lt., Ht. & Power Co.
LANGHORNE—Langhorne Elec. Lt. & Power Co.
LANSDALE—Lansdale Elec. Lt. Co.
LANSFORD—Latrobe Elec. Co.
LATROBE—Latrobe Electric Light Co.
LEBANON—Edison Elec. Illuminating Co.
LEECHBURG—Leechburg Elec. Lt. & Power Co.
LEHIGHTON—Town owns plant
LEWISBURG—Lewisburg Lt., Ht. & Power Co.
LEWISTOWN—Lewistown Elec. Lt., Ht. & Pr. Co.
LIGONIER—Ligonier Electric Light Co.
LITITZ—Lititz Elec. Lt., Ht. & Power Co.
LOCK HAVEN—Lock Haven Elec. Lt. & Power Co.
LUZERNE—Wyoming Light & Power Co.
LYKENS—Williams Valley Lt., Ht. & Power Co.
M'DONALD—Citizens' Elec. Lt., Ht. & Power Co.
M'KEESPORT—McKeesport Lt. Co.
MAHANOY CITY—Mahanoy City Elec. Lt., Ht. & Power Co.
MANHEIM—Lancaster Valley Elec. Light Co.
MANSFIELD—Mansfield Elec. Co.
MARIETTA—Marietta Elec. Lt., Ht. & Power Co.
MARYSVILLE—Marysville Elec. Lt., Ht. & Power Co.
MAUCH CHUNK—Mauch Chunk Ht., Power & Elec. Lt. Co.
MEADVILLE—People's Incandescent Lt. Co.
MECHANICSBURG—Cumberland Lt., Ht. & Pr. Co.
MEDIA—Media Elec. Lt., Ht. & Power Co.
MEYERSDALE—Meyersdale Elec. Lt., Ht. & Power Co.
MIDDLETOWN—City Elec. Lt. Plant (City)
MIFFLINTOWN—Juniata Co.
MILLERSBURG—Millersburg Elec. Lt., Ht. & Power Co.
MILLHALL—Millhall Electric Light Co.
MINERSVILLE—Minersville Elec. Lt. Co.
MONONGAHELA CITY—Monongahela Elec. Lt. Co.
MONTGOMERY—Montgomery Elec. Lt. & Pr. Co.
MOOSIC—(See Taylor)
MORTON—Faraday Ht., Power & Lt. Co.
MT. CARMEL—Edison Elec. Illuminating Co.
MT. HOLLY SPRINGS—Mt. Holly Paper Co.
MT. OLIVER—(See Pittsburg).
MT. PLEASANT—Mt. Pleasant Electric Light, Heat & Power Co.
MUNCY—Muncy Lt., Ht. & Power Co.
NANTICOKE—Peoples' Elec. Lt., Ht. & Power Co.
NAZARETH—Nazareth Elec. Lt. & Power Co.
NEW BETHLEHEM—New Bethlehem Lt. & Ht. Co.
NEW BRIGHTON—Valley Elec. Co.
NEW CASTLE—New Castle Elec. Co.
NEW CUMBERLAND—(See Mechanicsburg)
NEW FREEDOM—New Freedom Elec. Lt. & Power Co.
NEWHAVEN—(See Connellsville)
NEWPORT—Perry Elec. Lt., Ht. & Power Co.
NEWTOWN—Newtown Elec. Street Ry. Co.
NORRISTOWN—Norristown Elec. Lt. & Power Co.
NORTHUMBERLAND—(See Sunbury)
NORTH EAST—Acme Elec. Lt. & Power Co.
OAKMONT—Oakmont & Veronica Light, Heat & Power Co.
OIL CITY—Citizens' Lt. & Power Co.
OSCEOLA MILLS—Osceola Light Co.
OXFORD—Oxford Elec. Lt. & Power Co.
PARKESBURG—Parkesburg Elec. Lt., Ht. & Pow. Co.
PARSONS—Standard Elec. Co.
PECKVILLE—Borough of Blakely (Owner)
PHILADELPHIA—American R'ways Co., Real Estate Trust bldg.
Beacon Light Co., 10th & Sansom.
Brush Elec. Lt. Co., 2041 Ranstead.
Cheltenham Electric Light, Heat & Power Co., 10th & Sansom
Columbia Elec. Light Co., 10th & Sansom.
Edison Elec. Light Co., 10th & Sansom
Jandus Electric Co., Real Estate Trust bldg.
Jenkintown Light Co., Drexel bldg.
Kensington Electric Co., 10th & Sansom.
Kitson Hydro-Carbon H. & Incandescent Lighting Co., 8th & Willow.
Manufacturers' Elec. Co., 10th & Sansom.
Northern Electric Light & Power Co., 10th & Sansom
Overbrook Electric Co., 10th & Sansom.
Pennsylvania H., Lt. & Power Co., 10th & Sansom
Phila. Elec. Lt. Co., 10th & Sansom.
Powelton Elec. Co., 108 S 40th
Southern Elec. Lt. & Power Co., 10th & Sansom
Suburban Electric Co., 10th & Sansome.
United Power & Trans. Co., Bullitt bldg.
West End Elec. Co., 10th & Sansom.
United Power & Trans. Co., Bullitt bldg
PHILIPSBURGH—Philipsburgh Electric Light, Gas, H. & P. Co.
PHOENIXVILLE—Schuylkill Valley Illuminating Co.
PINEGROVE—(See Tremont)
PITTSBURGH—Allegheny County Light Co., 610 Wood
Monongahela Lt. & Pr. Co., 512 Smithfield.
Philadelphia Co., 610 Wood.
PITTSTON—Citizens' Electric & Illuminating Co.
People's Light Co.
PLYMOUTH—Plymouth Light, Heat & Power Co.
PORT CARBON—Port Carbon Elec. Lt., Heat & P. Co.
POTTSTOWN—Pottstown Light, Heat & Power Co.
POTTSVILLE—Edison Elec. Illg. Co.
PUNXSUTAWNEY—Jefferson Electric Light, Heat & Power Co.
QUAKERTOWN—Borough Elec. Lt. Plant
READING—Metropolitan Electric Co.
Reading Electric Co.
RED LION—Red Lion E. L. & Pr. Co.
RENOVO—Renovo Edison L. H. & P. Co.
REYNOLDSVILLE — Reynoldsville Light & Power Co.
RIDGWAY—Ridgway Elec. L. Co.
ROARING SPRING—Roaring Spring Blank Book Co.
ROCHESTER—(See New Brighton)
ROYERSFORD—Schuylkill Valley Illumg. Co.
ROCKWOOD—Rockwood Electric Light Co.
ST. CLAIR—Borough Elec. Lt. Plant (borough)
SAYRE—(See Waverly, N. Y.)
SCHUYLKILL HAVEN—Village Elec. Lt. Plant (Village)
SCOTTDALE—Scottdale Electric Light, Heat & Power Co.
SCRANTON—Dunmore Electric Light, Heat & Pr. Co.
Economy Light, Heat & Pr. Co.
Hawley Elec. Light & Pr. Co.
Scranton E. L. & Heat Co.
Scranton Illuminating Heat & P. Co.
Suburban Electric Light Co.
SELLERSVILLE—Sellersville Electric Light & Power Co.
SEWICKLEY—Sewickley Electric Co.
SHAMOKIN—Shamokin Light, Heat & Power Co.
SHARON HILL—(See Clifton Hts.)
SHARPSBURG—City owns the plant
SHENANDOAH—Peoples' Elec. Light Co.
Shenandoah Elec. Illuminating Co.
SHICKSHINNY — Municipal Electric Light Plant
SHIPPENSBURG—Shippensburg Electric Light, Heat & Power Co.
SIGFRIED—(See Catasauqua)
SOMERSET—Somerset E. L., Heat & Pr. Co.
SOUTH BETHLEHEM—Halcyon Electric Light & Power Co.
SOUTH FORK—South Fork Electric Light, Heat & Power Co.
SPEERS—Monongahela Valley Elec. Co.
STEELTON—Steelton Lt., Heat & P. Co.
STROUDSBURG—Stroudsburg Elec. Lt. & P. Co.
SUNBURY—Edison Elec. Illuminating Co.
Sunbury & Northumberland Elec. Ry. Co.
SUSQUEHANNA—Susquehanna Electric Co.
TACONY—Suburban Elec. Lt. Co.
TAMAQUA—Edison Elec. Illuminating Co.
TARENTUM—Borough Elec. Lt. Plant (borough)
TAYLOR—Standard Elec. Lt. Ht. & Pr. Co.
TITUSVILLE—City owns the plant
TOWANDA—Towanda Elec. Ill. Co.
TREMONT—Tremont & Pine Grove Elec. Lt. & P. Co.
TROY—Troy E. L. & P. Co.
TUNKHANNOCK—Tunkhannock Elec. Co.
TYRONE—Home Elec. Light & Steam Heating Co.
UNION CITY—(See Corry)
UNIONTOWN—United Light Co.
VANDERGRIFT—Vandergrift Elec. Lt. & Pr. Co.
WARREN—Warren Electric Light Co.
WASHINGTON—Washington Elec. Light & Power Co.
WATSONTOWN—Municipal Elec. Lt. Plant
WAYNE—Wayne Elec. Light & Steam Heat Co.
WAYNESBORO—Waynesboro E. L. & Pr. Co.
WAYNESBURG—Waynesburg Elec. Light & Power Co.
WEATHERLY—Town owns the plant
WEISSPORT—Kemmeler Electric Light & Shifter Co.
WELLSBORO—Wellsboro Elec. Co.

WEST CHESTER—Edison Electric Illuminating
WEST NEWTON—Borough Elec. Lt. Co. Co.
WHITE HAVEN—White Haven Elec. Illg. Plant (W. J. Hauser, owner)
WILKESBARRE—Wyoming Valley Elec. Lt., Heat & P. Co.
WILKINSBURG—Monongahela Lt. & Pr. Co. (see Pittsburg)
New Electric Co.
WILLIAMSPORT—Edison Elec. Ill. Co.
Lycoming Elec. Co.
WINDBER—Windber Electric Co.
YORK—York County Trac. Co.

RHODE ISLAND.

BRISTOL—Bristol County Gas & Elec. Co.
EAST GREENWICH—East Greenwich Elec. Co.
NARRAGANSETT PIER—Narragansett Pier Electric Light & Power Co.
NEWPORT—Newport Gaslight Co.
PAWTUCKET—Pawtucket Electric Co.
PROVIDENCE—Narragansett Electric Lighting Co.
WESTERLY—Westerly Gas & Elec. Lt. Co.
WOONSOCKET—Woonsocket Elec. Mach. & Power Co.

SOUTH CAROLINA.

ABBEVILLE—Abbeville Elec. Light & Pr. Co.
AIKEN—Carolina Light & Power Co.
ANDERSON—Anderson Water, Lt. & P. Co.
BEAUPORT—Long, R. A.
CAMDEN—Camden Water, Lt. & Ice Co.
CHARLESTON—Charleston Consolidated Ry. Gas & Elec. Co.
CHESTER—City owns plant
COLUMBIA—Columbia Elec. Street Railway & Power Co.
DARLINGTON—Darlington Lt. & Water Co.
FLORENCE—Florence Improvement & Mfg. Co.
GEORGETOWN—Georgetown Elec. Light Co.
GRANTVILLE—(See Aiken)
GREENVILLE—Greenville Gas, Electric Light & Pr. Co.
NEWBERRY—Newberry Water Wks. & Electric Lt. Co. (city)
ROCK HILL—Rock Hill Water, Light & Power Co.
SPARTANSBURG—Spartansburg Railway, Gas & Electric Co.
SUMTER—Sumter Electric Light & Ice Co.
UNION—City Elec. Lt. & Water Works (city)

SOUTH DAKOTA.

BOWDLE—Bowdle Roller Mill Co.
CANTON—Canton General Electric Co.
CENTERVILLE—Norgren, Gust. & Co.
CHAMBERLAIN—Chamberlain E. Lighting Co.
CLEARLAKE—Citizens' Electric Light & Telephone Co.
DEADWOOD—Black Hills Elec. Lt. Co.
HOT SPRINGS—Water, Light & Power Co.
HURON—Electric Co.
LEAD—Belt Light & Power Co.
MADISON—City Elec. Lt. Plant (City)
MITCHELL—Mitchell Electric Co.
RAPID CITY—Rapid City Electric & Gas Light Co.
SALEM—Salem Milling, Lighting & Heating Co.
SIOUX FALLS—Cascade Milling Co.
STURGIS—Sturgis Electric Light Co.
TYNDALL—Bouza, J. (Owner)
WATERTOWN—Kirlin-Gray Elec. Co.
Watertown Water, Light & Power Co.
YANKTON—Macgregor R. R. Co.

TENNESSEE.

BRISTOL—Bristol Gas & Elec. Co.
BROWNSVILLE—Smith-Burt Co.
CHATTANOOGA—Chattanooga Lt. & Pow. Co.
CLARKSVILLE—Queen City Elec. Lt. & Power Co.
CLEVELAND—Cleveland Elec. Lt. Co.
DAYTON—City Elec. Lt. Plant (City)
DYER—McCullar, S. W.
ELIZABETHTON—Elizabethton Light & Power Co.
FAYETTEVILLE—Fayetteville Elec. Lt. & Power Co.
FRANKLIN—Harper Electric Light & Pow. Co.
GALLATIN—City Elec. Lt. Plant
GREENFIELD—Greenfield Elec. Lt. & Wtr. Co.
GREENEVILLE—Greeneville Elec. Light Co.
HARRIMAN—City Water & Lt. Dept.
HENDERSON—Henderson Electric Light Co.
HUNTINGDON- Municipal Elec. Light Plant
JACKSON—Jackson & Suburban St. Ry. Co.
JELLICO—Jellico Electric Light, Heating & Power Co.
JOHNSON CITY—Watauga Ltg. & Power Co.
KNOXVILLE—Electric Light & Power Co.
LEBANON—Municipal Elec. Lt. Plant.
M'MINNVILLE—City Wtr. & Elec. Lt. Plant (City)
MARTIN—Martin Water & Light Plant
MARYVILLE—Maryville Elec. Lt. & Pow. Co.
MEMPHIS—Memphis Light & Power Co.
MORRISTOWN—Morristown Water Wks. & Electric Light Co.
MURFREESBORO—City Gas & Electric Co.
NASHVILLE—Cumberland E. L. & Pow. Co.
PARIS—Paris City Light & Water Plant
PULASKI—Pulaski Elec. Lt. Co.
RIPLEY—McCallum Bros.
ROGERSVILLE—Rogersville Elec. Co.
SHELBYVILLE—Boyd, J. F. (Owner)
SOMERVILLE—City Elec. Lt. Plant (City)
SOUTH PITTSBURG—South Pittsburg Elec. Lt. & Pr. Co.
SPRINGFIELD—Springfield Elec. Co.
SWEETWATER—Telephone Improvement Co.
TRENTON—Trenton Electric Light Co.

TEXAS.

ABILENE—Abilene Elec. Lt. & Pr. Co.
AMARILLO—Amarillo Light & Water Wks.
AUSTIN—Water Works, Elec. Light & Power Plant (City)
BALLINGER—Ballinger Electric Light & Power Co.
BASTROP—Bastrop Water & Light Co.
BEAUMONT—Beaumont Ice, Lt. & Refrig. Co.
BEEVILLE—Beeville Light Co.
BELTON—Belton Light & Power Co.
BOERNE—Boerne Electric Light & Power Co.
BONHAM—Bonham Electric Light & Power Co.
Bonham Elec. Ry., Lt. & Pr. Co.
BOWIE—Bowie Light & Power Co.
BRENHAM—Brenham Compress Oil & Mfg. Co.
BROWNWOOD—Brownwood Ice & Lt. Co.
BRYAN—Bryan Water, Ice., Lt. & Pr. Co.
CALVERT—Calvert Water, Ice & Elec. Lt. Co.
CAMERON—Cameron Water, Power & Light Co.
CLARKSVILLE—Clarksville Electric Light & Power Co.
CLEBURNE—Cleburne Light & Power Co.
COLORADO—Colorado Electric Light Co.
COMANCHE—Hoff & Harris
COMMENCE—Commence Electric Light Co.
COOPER—Electric Light & Mfg. Co.
CORPUS CHRISTI—Corpus Christi Elec. Co.
CORSICANA—Corsicana Gas & Electric Co.
CROCKETT—Citizens' Light Co.
CUERO—Buchel Power & Irrigation Co.
DALLAS—Dallas Electric Co.
Dallas Ice Factory Light & Power Co.
Oak Cliff Water Supply & Electric Light & Power Co.
Standard Light & Power Co.
DECATUR—Moore, C. M.
DEL RIO—Del Rio Electric Co.
DENISON—Denison Light & Power Co.
DENTON—Denton Water, Light & Power Co.
DETROIT—Detroit Electric Light Co.
DUBLIN—Dublin Light & Power Co.
EAGLE PASS—Texas-Mexican Electric Light & Power Co.
EL PASO—International Light & Power Co.
ENNIS—Ennis Light & Power Co.
FARMERSVILLE—Farmersville Electric Light Co.
FLATONIA—McVea, J. C. (Owner)
FORTH WORTH—Citizens' Light & Power Co.
City Elec. Light Works (City)
Fort Worth Light & Power Co.
FRANKLIN—Franklin Water & Light Co.
FREDERICKSBURG—Stehling, C. (Owner)
GAINESVILLE—Gainesville Light & Fuel Co.
Merchants' Elec. Lt. & Power Co.
GALVESTON—Brush Elec. Light & Power Co.
City Electric Light Plant
GATESVILLE—Gatesville Electric Light Co.
GEORGETOWN—Georgetown Water & Elec. Co.
GILMER—Gilmer Light & Ice Co.
GOLIAD—Goliad Water & Light Co.
GONZALES—Citizens' Elec. Lt. & Pr. Co.
GREENVILLE—Graham, W. R. & Son
HALLETTSVILLE—City owns the plant
HEARNE—Brady, P. L.
HENRIETTA—Henrietta Light & Power Co.
HICO—Hico Electric Light Co.
HILLSBORO—Hillsboro Electric Co.
HONEY GROVE—Fritz Messerer
Honey Grove Light & Power Co.
HOUSTON—Houston Light & Power Co.
HUNTSVILLE—Huntsville Elec. Lt. & Ice Co.
ITASCA—Hockaday Bros.
JACKSBORO—Jacksboro Lt. & Power Co.
JACKSONVILLE—Jacksonville Electric Lt. Co.
JEFFERSON—Jefferson Ice, Light & Power Co.
KAUFMAN—Kaufman Electric Light Co.
KERRVILLE—Scheimer Electric Light & Power Co.
LADONIA—City Elec. Lt. & Water Works Co.
LA GRANGE—La Grange, E. Lt. Wr. & Pr. Co.
Taylor & Killough
LAMPASAS—Lampasas Light & Power Co.
LAREDO—Laredo Electric & Railway Co.
LOCKHART—Lockhart Water Works
LONGVIEW—Longview Ice, Light & Bottling Co.
LULING—Luling Electric Light & Power Co.
M'KINNEY—McKinney Ice, Light & Coal Co.
MARLIN—Nathan, I. J.
MASON—Mason Electric Light Co.
MEXIA—Mexia Light Co.
MINEOLA—Mineola Elec. Lt. & Pr. Co.
MT. PLEASANT—Mt. Pleasant Elec. Light Co.
NACOGDOCHES—Nacogdoches Lt. & Power Co.
NAVASATO—Bridges & Holley
NEW BRAUNFELS—Landa Electric Light & Power Co.
OAK CLIFF—(See Dallas)
ORANGE—Orange Ice, Lt. & Water Works Co.
PALESTINE—Palestine Electric Light Co.
PARIS—Yeager, Jos. N.
PITTSBURGH—Pittsburgh Elec. Lt. & Power Co.
PORT ARTHUR—Port Arthur Lt. & Pr. Co.
QUANAH—Quanah Light & Power Co.
RICHMOND—Richmond Elec. Co.
ROCKDALE—Rockdale Imp. Co.
ROSEBUD—Rosebud Light & Power Co.
SAN ANGELO—San Angelo Ice & Power Co.
SAN ANTONIO—San Antonio Gas & Elec. Co.
San Antonio Traction Co.
SAN MARCOS—San Marcos Elec. Lt. & Pr. Co.
SEGUIN—Seguin Electric Light & Power Co.
SEYMOUR—C. C. Milling Co.
SHERMAN—Sherman Water & Lt. Plant (City)
Sherman Oil & Cotton Co.
STAMFORD—Stamford Town Site Co.
STEPHENVILLE—Baldwin Gin Co.
SULPHUR SPRINGS—Electric Light Co.
TAYLOR—Taylor Electric Light Co.
TEMPLE—Temple Electric Light Co.
TERRELL—Terrell Electric Light Co.
TEXARKANA—Texarkana Gas & Elec. Lt. Co.
THURBER—Texas-Pacific Mercantile & Mfg. Co.
TIMPSON—Timpson Electric Light Co.
TYLER—Tyler Electric Light & Power Co.
VERNON—Vernon Light & Power Co.
VICTORIA—Victoria Light, Power & Ice Co.
WACO—Mutual Electric Co.
WAXAHACHIE—Waxahachie Elec. Light Co.
WEATHERFORD—Weatherford Electric Co.
WHITEWRIGHT—Blackwood & Davis
WICHITA FALLS—Wichita Falls Light & Power Co.
WINNSBORO—Winnsboro Electric Light & Power Co.
YOAKUM—Yoakum Improvement C .

UTAH.

AMERICAN FORK—Utah Co., Light & Power Co.
BRIGHAM CITY—Brigham City Electric Co.
EUREKA—Eureka Electric Light Co.
HYRUM—Union Elec. Light & Power Co.
LOGAN—Hercules Power Co.
MANTI—Manti Light & Power Co.
MT. PLEASANT—Mt. Pleasant Elec. Lt. Co.
OGDEN—Utah Light & Power Co.
PAYSON—City Elec. Lt. Plant (City)
PROVO—Telluride Power Trans. Co.
SALT LAKE CITY—Consolidated Ry. & Pr. Co.
Utah Light & Power Co.

VERMONT.

BARRE—(See Montpelier, Vt.)
BARTON—Village of Barton.
BELLOWS FALLS—Fall Mt. Electric Light & Power Co.
BENNINGTON—Bennington Water, Lt. & Pr. Co.
BERLIN—(See Montpelier, Vt.)
BETHEL—Bethel Elec. Light & Power Co.

BRADFORD—Bradford Elec. Lighting Co.
BRANDON—Nesnobe Electric Co.
BRATTLEBORO—Brattleboro Elec. Light Co.
BRISTOL—Bristol Electric Co.
BURLINGTON—Vermont Electric Co.
CHELSEA—Chelsea Electric Light & Bobbin Co.
CHESTER—Chester Water & Light Co.
ESSEX JUNCTION—People's Electric Light & Power Co.
FAIRHAVEN—Fairhaven Electric Co.
HIGHGATE—Borough Elec. Lt. Plant (Borough)
ISLAND POND—Island Pond Electric Co.
JOHNSON—Village Elec. Lt. Plant (Village)
LYNDONVILLE—Village Electric Light Plant (Village)
MARSHFIELD—Mobeys Falls Electric Light & Power Co.
MIDDLEBURY—Middlebury Electric Co.
MONTPELIER—Consolidated Lighting Co.
Viles Electric Co.
MORRISVILLE—Village Electric Light Plant (Village)
NORTHFIELD—Village Elec. Lt. Plant (Village)
POULTNEY—(See Fair Haven.)
PROCTOR—Vermont Marble Co.
RICHFORD—Sweat-Cummings Co.
RICHMOND—Richmond Light & Power Co.
RUTLAND—Rutland Electric Light Co.
ST. ALBANS—St. Albans Electric Light & Power Co.
ST. JOHNSBURY—St. Johnsbury Electric Co.
SPRINGFIELD—Springfield Electric Co.
SWANTON—Village Elec. Lt. Plant (Village)
VERGENNES—Vergennes Electric Co.
WATERBURY—(See Montpelier.)
WELLS RIVER—Village Electric Light Plant (Village)
WHITE RIVER JUNCTION—Mascoma Electric Light & Gas Co.
WINDSOR—Windsor Electric Light Co.
WINOOSKI—(See Burlington.)
WOODSTOCK—Woodstock Electric Co.

VIRGINIA.

ABINGDON—Abingdon Water & Light Co.
ALEXANDRIA—(City owns plant)
BERKELEY—(See Norfolk
BUENA VISTA—Buena Vista Lt. & Pr. Co.
CHRISTIANSBURG—City Electric Light Plant
CLIFTON FORGE—Clifton Forge Lt. & Water Co.
COVINGTON—Covington Light, Ice & Cold Storage Co.
DANVILLE—Danville Ry. & Electric Co.
FARMVILLE—Farmville Elec. Lt. Plant (Village)
FRANKLIN—Town Elec. Lt. Plant (Town)
FREDERICKSBURG—Rappahannock Elec. Lt. & Power Co
FRONT ROYAL—Corporation of Front Royal Electric Light Plant
GORDONSVILLE—Gordonsville Electric Light & Power Co.
HARRISONBURG—Harrisonburg Elec. Lt. Co.
LEESBURGH—Leesburgh Electric Light Co.
LEXINGTON—Lexington Light & Power Co.
LYNCHBURG—Lynchburg Traction & Light Co.
MANCHESTER—(See Richmond.)
NEWPORT NEWS—Consumers' Light, Heat & Ice Co.
NORFOLK—Berkeley Elec. Lt. & Pr. Co.
Norfolk Heat, Lt. & Pr. Co.
Norfolk Ry. & Light Co.
PETERSBURG—Upper Appomattox Co. Elec. Lt. Dept.
POCAHONTAS—Pocahontas Lt. & Water Co.
PORTSMOUTH—Norfolk, Portsmouth & Newport News Co.
RADFORD—Radford Water Power Co.
RICHMOND—Railways & Lt. Co. of America
Virginia Passenger & Power Co.
ROANOKE—Roanoke Railway & Electric Co.
SALEM—Salem Elec. Light Plant (City)
SOUTH BOSTON—City Elec. Lt. & Water Works (City)
STAUNTON—City of Staunton Elec. Lt. Works
SUFFOLK—Suffolk Light & Ice Co.
TAZEWELL—Tazewell Electric Light Co.
WARRENTON—Warrenton Electric Co.
WAYNESBORO—Waynesboro Electric Light Co.
WEST POINT—West Point Water, Lt. & Pr. Co.
WINCHESTER—Winchester Gas & Elec. Lt. Co.
WYTHEVILLE—Brown Electric Co.

WASHINGTON.

ABERDEEN—Aberdeen Electric Co.
ANACORTES—Anacortes Water Co.
BUCKLEY—Buckley Electrical Co.
CASTLE ROCK—Castle Rock Electric Co.
CENTRALIA—Centralia Electric Light & Power Co.
CHEHALIS—City owns plant
COLFAX—Codd & Mackenzie (Owners)
DAYTON—Roth, A.
ELLENSBURGH—City owns plant
EVERETT—Everett Ry. & Electric Co.
FAIRHAVEN—Fairhaven City Water & Power Co.
HOQUIAM—North Shore Electric Co.
LA CONNOR—La Connor Elec. Lt. & Pr. Co.
MONTESANO—Montesano Light & Water Co.
MT. VERNON—Franklin Bros.
NEW WHATCOM—Bellingham Bay Improvement Co. (See Whatcom)
NORTHPORT—Norport Electric Light Co.
NORTH YAKIMA—Yakima Water, Light & Power Co.
OLYMPIA—Olympia Light & Power Co.
PORT ANGELES—City Elec. Lt. Plant (City)
PORT TOWNSEND—Townsend Gas & Elec. Co.
PROSSER—Prosser Electric Light Co.
RENTON—(See Snoqualamie Falls Pr. Co., Seattle)
REPUBLIC—Republic Light & Power Co.
ROSLYN—Northwestern Improvement Co.
SEATTLE—Citizens' Light & Power Co.
Northwest Light & Power Co.
Seattle Gas & Electric Co.
Snoqualamie Falls Power Co.
South Bend Electric Co.
SNOHOMISH—Snohomish Elec. Lt. & Water Power Co.
SOUTH BEND—South Bend Electric Co.
SPOKANE—Washington Water Power Co.
TACOMA—Syndicate Heat & Power Co.
Tacoma Gas & Electric Light Co.
Tacoma Railway & Power Co.
TEKOA—Mahoney Electric & Plumbing Co.
VANCOUVER—Harvey, J. R.
WALLA WALLA—Walla Walla Gas & Elec. Co.
WATERVILLE—Waterville Electric Light Plant (City)
WENATCHEE—Wenatchee Electric Light & Power Co.

WEST VIRGINIA.

BENWOOD—Benwood & McMechen Light, Heat & Power Co.
BLUEFIELD—East River Electric Co.
BUCKHANNON—Buckhannon Elec. Light Co.
CHARLESTON—Charleston Gas & Electric Co.
CHARLESTOWN—Charlestown Electric Light & Power Co.
CLARKSBURG—Clarksburg Elec. Light Co.
DAVIS—Davis Electric Light Co.
FAIRMONT—Fairmont Gas & Light Co.
GRAFTON—Grafton Gas & Elec. Light Co.
HARPER'S FERRY—Harper's Ferry Elec. Light & Power Co.
HINTON—Hinton Light, Ice & Fuel Co.
HUNTINGTON—Consolidated Light & Ry. Co.
KEYSER—Keyser Elec. Light Co.
KINGWOOD—Town Electric Light Plant
MANNINGTON—Mannington Elec. Light Co.
MORGANTOWN—Morgantown Elec. Light & Power Co.
MOUNDSVILLE—Moundsville Electrical Co.
NEW CUMBERLAND—New Cumberland Light, Heat & Power Co.
NEW MARTINSVILLE — New Martinsville Light, Heat & Power Co.
PARKERSBURG—Citizens' Plumbing & Electrical Co.
PARSONS—Parsons Electric Light & Power Co.
PIEDMONT—Piedmont Elec. Light & Power Co.
RONCEVERTE—Ronceverte Electric Co.
SISTERSVILLE—Sistersville Electric Co.
TERRA ALTA—Albright, A. S.
WELCH—Welch Water, Light & Power Co.
WELLSBURG—Wellsburg Elec. Light, Heat & Power Co.
WESTON—Weston Elec. Lt., Power & Water Co.
WHEELING—City Elec. Light Dept.
Wheeling Electrical Co.

WISCONSIN.

ALBANY—Warren & Tomkins
ALGOMA—Wodsedalek, F.
ALMA—Kurtz, G. A. (Owner)
AMERY—Amery Electric Co.
ANTIGO—Antigo Steam, Hot Water & Gas Lighting Co.
APPLETON—Fox River Valley Gas & Electric Light Co.
ARCADIA—Arcadia Elec. Light & Milling Co.
ASHLAND—Ashland Light, Power & St. Ry. Co.
AUGUSTA—Ball, J. L.
BALDWIN—Baldwin Electric Light Co. (E. J. Clave, propt.)
BARABOO—Baraboo Lighting Co.
BAYFIELD—Bayfield Elec. Light Plant (city)
BEAVER DAM—Beaver Dam Illuminating Co.
BELLEVILLE—Bennett, Mrs. L. H.
BELOIT—Beloit Electric Co.
BERLIN—Berlin Lighting, Heating & Power Co.
BRILLION—Elec. Light Plant (Behnke & Son, owners)
BROADHEAD—Lucas, Anderson & Co.
BURLINGTON—Burlington Electric Light & Power Co.
CAMPBELLSPORT—Dundee Water, Power & Electric Light Co.
CASHTON—Roesler & Senz
CASSVILLE—Cassville Electric Light & Power Co.
CHILTON—Bink, Nicholas
CHIPPEWA FALLS—Chippewa Falls Water Works & Lighting Co.
DARLINGTON—Darlington Elec. Light & Water Power Co.
DELAVAN—Delavan Light & Fuel Co.
DE PERE—De Pere Elec. Light & Power Co.
DODGEVILLE—Pearce, W. J.
DURAND—Durand Light & Power Co.
EAU CLAIRE—Eau Claire Light & Power Co.
EDGERTON—Edgerton Electric Light Co.
ELKHART—Elkhart Lake Elec. Light & Power Co.
ELLSWORTH—Ellsworth Elec. Light, Heat & Power Co.
EVANSVILLE—Baker Mfg. Co.
FOND DU LAC—Fond du Lac St. Ry. & Lt. Co.
FOUNTAIN CITY—Roettiger, H. & F.
GALESVILLE—Galesville Milling Co.
GLENWOOD—Wierschke, E. & Son
GREEN BAY—Green Bay Light & Power Co.
HARTFORD—Hartford Electric Co. (See Hartford Plow Wks.)
HUDSON—City Elec. Light Plant (city)
Willow River Elec. Light & Power Co.
HURLEY—Twin City Gen'l Elec Co. (See Ironwood, Mich.)
IRON RIVER—Water, Light & Power Co.
JANESVILLE—Janesville Elec. Co.
KAUKAUNA—Kaukauna Elec. Light Co.
KENOSHA—Kenosha Gas & Electric Co.
KEWASKUM—Kewaskum Elec. Light Co.
LA CROSSE—La Crosse Gas & Electric Co.
Swarthout, E. C.
LADYSMITH—Ladysmith Electric Light & Power Co.
LAKE GENEVA—Equitable Elec. Light Co.
Lake Geneva Water & Light Co.
MADISON—Madison Gas & Elec. Co.
MANAWA—Little Wolf River Lbr. Co.
MANITOWOC—Manitowoc Elec. Light Co.
MARINETTE—Marinette Gas, Elec. Light & Street Ry. Co. (City)
MARSHFIELD—Marshfield Water, Elec. Light & Power Co.
MAZOMANIE—Village Elec. Lt. Plant (village)
MAUSTON—Mauston Elec. Light & Power Co.
MEDFORD—Medford Light & Heating Co.
MELLEN—Mellen Water & Light Co.
MENOMINEE—Menominee Elec. Light & P. Co.
MERRILL—Merrill Ry. & Lighting Co.
MILWAUKEE—Milwauee Electric Co., 58th & Greenfield av, W. A.
Milwaukee Elec. Ry. & Light Co., 451 B'way
MINERAL POINT—Mineral Point Electric Light Co.
MONDOVI—Mondovi Elec. Light Co.
MONROE—Monroe Elec. Light & Power Co.
MUSCODA—Muscoda Elec. Light & Power Co.
NECEDAH—Necedah Flour Mill Co.
NELLSVILLE—Elec. & Water Supply Co.
NEW LONDON—New London Elec. Light Co.
NEW RICHMOND—Apple River Power Co.
OCONTO—People's Land & Mfg. Co.
OSHKOSH—Oshkosh Electric Light & Power Co.
Oshkosh Gas Light Co.
PESHTIGO—Peshtigo Lumber Co.
PHILLIPS—Davis, John R. Lumber Co.
PLATTEVILLE—Platteville Elec. Lt. & P. Co.
PLYMOUTH—Plymouth Refrigerating, Water, Light & Power Co.
PORTAGE—Portage Electric Light Co.
PORT WASHINGTON—Wisconsin Chair Co.
PRAIRIE DU CHIEN—Prairie City Elec. Co.
PRESCOTT—Mercord, H. C.
RACINE—West Electric Co.
REEDSBURG—City Elec. Light Plant (city)
RHINELANDER—Rhinelander Lighting Co.
RICE LAKE—Rice Lake Water Works Co.
RICHLAND CENTRE—Richland Centre Electric Light Co.

RIPON—Ripon Light & Water Co.
SHEBOYGAN—Sheboygan Lt., Pow. & Ry. Co.
SHEBOYGAN FALLS—Weisse, Chas. S. & Co.
SOLDIERS' GROVE—Soldiers' Grove Electric Co.
SPARTA—Newton's, O. I. Sons Co.
SPRING GREEN—Elec. Lt. Plant (G. F. Post, owner)
STEVENS POINT—Stevens Point Lighting Co.
STOUGHTON—Stoughton Elec. Light & P. Co.
SUPERIOR—See W. Superior
TOMAH—Tomah Electric & Telephone Co.
VIROQUA—Viroqua Elec. Light Co.
WASHBURN—Washburn Elec. Light & P. Co.
WATERTOWN—Watertown Electric Co.
WAUKESHA—Waukesha Elec. Light Co.
WAUPACA—Waupaca Elec. Light & Ry. Co.
WAUSAU—Wausau Elec. Co
WEST BEND—Elec. Lt. Plant (Adam Kuehlthau, owner)
WEST SUPERIOR—Superior Water, Lt. & P. Co.
WEYAUWEGA—Weyauwega Elec. Light Co.
WHITE WATER—White Water Elec. Light Co.

WYOMING.

CHEYENNE—Cheyenne Light, Fuel & Power Co.
CUMBERLAND—Union Pacific Coal Co.
EVANSTON—Evanston Elec. Light Co.
GREEN RIVER—Green River Elec. Lt. & P. Co.
HANNA—Union Pacific Coal Co.
LANDER—Lander Elec. Light & Power Co.
LARAMIE—Laramie E., G. L. & Fuel Co.
NEW CASTLE—Kinney, Peter
RAWLINS—Rawlins Elec. Light & Fuel Co.
ROCK SPRING—Union Pacific Coal Co.
SHERIDAN—Sheridan Elec. Co.

Electric Light Desk Fixtures

McKenna Bros. Brass Co., Pittsburg, Pa.

Electric Light Fixtures

(See Gas & Electric Light Fixtures, Mfrs. & Wholesalers)

Electric Light Reading Lamps & Portables

BRADLEY & HUBBARD MFG. CO., Meriden, Conn. (See adv. index, end of book)

Electric Light Reflectors

(See Reflectors.)

Electric Light Shifter.

Kemmerer Electric Light Shifter Co. ("Kemmerer"), Weissport, Pa.

Electric Light Wire

(See Wire, various kinds.)

Electric Light & Railway Poles

(See Poles, Iron & Steel, Trolley; also Ties, Poles & Posts.)

Electric Lighting Plants for Yachts

Herreshoff Mfg. Co., Bristol, R. I.

Electric Motor Mfrs.

(See Dynamo & Motor Mfrs.; also Motors of various kinds.)

Electric Novelties.

Ohio Electric Works, 76 Elm, Cleveland, O.
Scribner, J. W., & Co., Tonawanda, N. Y.

Electric Porcelain Supplies

(See Cleats, Porcelain & Clay.)

Electric Power & Lighting Machinery

See also Dynamos & Motors.
Also Generators, Various Kinds.

Akron Electric Mfg. Co., Akron, O., N. Y. Branch, Mackay Eng. Co., 149 B'way
Bullock Electric Mfg. Co., E. Norwood, Cincinnati, O.
C. & C. Electric Co., 143 Liberty, N. Y.
Commercial Electric Co., 220 W Merrill, Indianapolis, Ind.
Crocker-Wheeler Co., Ampere, N. J.; 39 Cortlandt, N. Y.
Fort Wayne Electric Works (Inc.), Fort Wayne, Ind.
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, N. Y. (See adv. below)
Maine Electric Co., 25 Commercial, Portland, Me.
Northern Electrical Mfg. Co., Madison, Wis., & Monadnock blk, Chicago, Ill.
STURTEVANT, B. F., CO., HYDE Park, Mass.; 34 Oliver, Boston, Mass.; 131 Liberty, New York.; 281 S Clinton, Chicago; 135 N 3d, Phila., Pa., & 147 Queen Vivtoria st., London, Eng. (See adv. index, end of book)
WESTINGHOUSE ELECTRIC & MFG. Co., Pittsburg, Pa., & 120 B'way, New York. (See adv. index, end of book)

Electric Railway Contractors

(See Contractors, Electric Railway.)

Electric Railway Supplies

(See Railway Supplies, Electric.)

Electric Speed Controllers

(See Controllers, Electric Speed.)

Electric Switches

(See Switches, various kinds.)

*Electric Time Systems

HERZOG TELESEME CO., 51 W. 24th, N. Y. (See adv. below)

Herzog Teleseme Co.,
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MANUFACTURE EXCLUSIVELY
Electric Signaling Specialties

Standard Electric Time Co., Waterbury, Conn.

Electrical Contractors

See also Contractors, Electric Railway.
Also Electric Light, Central Stations.
Also Electrical Supplies.
Also Engineers, Electrical.
Also Dynamo & Motor Mfrs.
(For Manufacturers of Electrical Specialties see Index of Contents.)
(Star (*) indicates firms who do Dynamo Wiring and contract to install complete Electric Plants.)

ALABAMA.

ANNISTON—Robinson & Finch
BIRMINGHAM—Hunt Electric Co.
*Lansden, J. M. & Co.
McCall Electric Co.
*United Electric Co.
MOBILE—Flock, J. T. & Co.
Hollifield & Cox
MONTGOMERY—Moseley Electric Co.
Murphy, W. J.
West Electric Co.

ARIZONA.

FLAGSTAFF—Flagstaff Electric Light Co.
TUCSON—Tucson Electric Light & Power Co.
PHOENIX—Norris, V. R.
Strong, Wm. N.

ARKANSAS.

CAMDEN—*Camden Machinery & Supply Co. (Complete Plants)
LITTLE ROCK—*Brown Electric Co.
*Electric Construction Co.
PINE BLUFF—Pine City Electric Co.
TEXARKANA—Texarkana Gas & Electric Light Co.

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INDUCTION and DIRECT CURRENT MOTORS for Power purposes of all kinds.

General Electric Motors are now installed in Textile Mills, Machine Shops, Paper Mills, Grain Elevators, Steel Plants, Mills, Mines, Pumping Plants, Docks and Steamships.

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CALIFORNIA.

ALAMEDA—*Elmer, R. G. Electric Co.
BAKERSFIELD—Bakersfield & Kern Electric Co.
BERKELEY—Clark Bros.
FRESNO—McShany, C. T.
Steger, C.
LOS ANGELES—*Bennett, G. T., 226 W 5th
Bevan, C. H., 1236 E 9th
Bishop Electric Co., 227 W 1st
C. O. D. Electric Works, 314 W 1st
Churchill, J. A., Conservative Life bldg
Co-Operative Elec. Const'n Co., 128 N Main
Fish, M. L., 155 N Main
Foulkes, Thos., Laughlin bldg
Gans Bros., 1329 S Hope
Holland, C. A.
Keese, W. I., Y. M. C. A. bldg
Kirkpatrick, J. Q., 811 E 11th
Locke, C. F., 901 W 38th
Los Angeles Elec. Const'n Co., 530 S B'way
Potter & Storie, 429 S B'way
Rich, R. R., 278 S Main
Smith & Karicofe, 844 Maple av
South Calif Elec. Works, 540 Macy
*Southern Electrical Co., 278 S Main
Thye, M. P. & Co., 114 E 3rd
Western Electric Works, 334 S Main
Winter, Geo. E. & Co., 636 S Spring
Woodill & Hulse Electric Co., 108 N 3d
OAKLAND—Colville, Frank C. & Co.
King, G. J.
Klein, E. A.
*Lohman, R. W. & Co., 1387 Madison
Utica Electric Co.
PALO ALTO—Shrewsbury & Smith
REDLANDS—Redlands Electrical Co.
RIVERSIDE—Roach, H. S.
SACRAMENTO—Central California Electric Co.
Gregory & Schneider
Holt, O. A.
Lewis, H. A.
SALINA—Bashline, J. R.
SAN BERNARDINO—San Bernardino Electric Co.
SAN DIEGO—*Buker, C. W.
*Hartwell, F. S.
SAN FRANCISCO—*Doble, Abner Co., 200 Fremont
Baker, M. C. & Son (Bells, etc.), 607 Mission
Barthels, Arthur, 523 Pine
*Brooks-Follis Electric Corp., 523 Mission
*California Electrical Construction Co., 121 New Montgomery
*California Electrical Works, 547 Mission
*Edison Electric Construction Co., 240 Ellis
Electrical Construction Co., New Montg'y
*Electrical Engineering Co., 509 Howard
*General Electric Co., Chas. Spreckels bldg
Henzel, Geo. L., 2290 Bush
*Herzog & Dahl, 31 Main
Hetty Bros., 124 Eddy
Independent Elec. Construction Co., 31 2d
*Klein, Jno. M. Electrical Works, 421 Montgomery
Light, C. R. & Co., 434 Geary
McWhirter Electric Co., 457 Valencia
Mangelsdorf, Wm., 40 New Montgomery
Occidental Electrical Co., 1711 Polk
*Pacific Electric Corporation, 625 Howard
Ridley, A. E. B., Parrott bldg
*San Francisco Electrical Co., 523 Mission
*Shoenberg Electrical Co., 927 Market
Standard Elec. Construction Co., 916 Market,
*Union Iron Works, 202 Market
Wallman, Rudolph, 227 Ellis
*Wass, D. D., 34 East South
Will & Finck Co., 818 Market
Wass, D. D., 34 E South
Will & Finck Co., 818 Market
SAN JOSE—Garden City Electrical Co.
Hellwig, Reinhart
SANTA BARBARA—Loveday, Claude
Reynolds, J. S.
SANTA CRUZ—Cordiff, Robert L.
SONORA—Cal. Electrical Eng. & Plating Co.
STOCKTON—Clifford, J. E.
Standard Electrical Works
WATSONVILLE—Burbeck & Co.

COLORADO.

CRIPPLE CREEK—Nash, Michael
COLORADO SPRINGS—Colorado Springs Electric Co.
New York Electric Co.
DENVER—*Denver Engineering Works Co., 30th & Blake
*Denver Novelty Works & Electric Co., 1518 Lawrence
*Doss Bros. Electric Construction Co., 1731 Champa
*Electrical Supply & Construction Co., 1522 Stout
*Flint-Lomax Elec. & Mfg. Co. (Eng. & Conrs.), 1400 Delgany
*General Electric Co. (also Mfrs.), 505 16th
*Mountain Electric Co., 1623 Glenarm
*O'Neil Electric Co., 923 18th
Robb, W. J., 1721 Champa
*Sechrist, Albert Mfg. Co., 1033 16th
Shannon, H. L., 729 15th
Silver State Electric Co., 214 15th
*Smith, Thos. H., 1730 Champa
Western Electric Co., 1175 S 7th
Wilkes, Gilbert & Co., 435 17th
PUEBLO—Ebenhack, Fred. & Co.
*Pueblo Electric Co.

CONNECTICUT

BRIDGEPORT—*Beers & Bunnell, 237 State
Bridgeport Building Co., 58 Arctic.
Bryant Electric Co., 1421 State
Kilpatrick, Jas. R., 88 Cannon
*Star Electric Co., 129 State
Townsend, Fred R., 271 Broad
HARTFORD—Clark, Wm., 22 Church
Francis, Edw. M., 168 Pearl
Halliday, W. H., 131 Front
*Knox, Chas. N., 210 Pearl
Oakes, Thos. & Son, 11 Haynes
*Perkins, Thos. C. & Co., 14 State
*Rice & Baldwin Electrical Co., 214 Pearl
Steinholtz, H. M., 190 Pearl
Trumbull, H. A. & Co.
Whiton, Andrew, 5 Kinsley
MANCHESTER—Palmer, W. R.
MIDDLETOWN—Francis, O. R., 276 Main
MYSTIC—O'Neil, T. H.
NEW BRITAIN—Abbe, A. H. & E. W.
*New Britain Electrical Construction & Supply Co.
*New England Engineering Co.
NEW HAVEN—Bassett & Reeves, 5 Church
*Bradley, J. L. & Co., 775 Chapel
*Bullock Electric Mfg. Co., 708 Chapel
Dinnan, Jno. J., 134 Orange
*Elm City Engineering Co.
*Gale, W. W. & Co., 11 Pilkin la
Kellogg, A. A., 506 State
*Lee & Osborn Co. (Repair Work), 12 Silver
Morrow, Wm. T., 100 Crown
*New England Engineering Co., 123 Court
Simmons, Geo. H., 315 Orchard
NEW LONDON—Raub, Chas. B.
*Thames Electric Co.
NORWICH—Eaton, Chas. & Co.
Preston Bros.
TORRINGTON—*Perkins, E. A. Electric Co.
WALLINGFORD—Wooding & Lee
WATERBURY—Brady, E. D. A. (Bells, etc.), 54 Center
*Chapman, Geo. M. & Co., 43 E Main
Hitchcock, F. L. (Bells, etc.), Watertown
*New England Engineering Co., 343 W Main
Waterbury Electric Co. (Wiring, etc.), 48 Jefferson
WILLIMANTIC—Beckley, J. T.
WINSTED—Hunt, C. K.
Richards, G. & Son

DELAWARE

WILMINGTON—Anderson, Samuel K.
*Arrowsmith Electric Co.
*Garrett, Miller & Co., 4th & Orange
*Heinel, H. A. & Co.
*Lawton, Wm.
*Morris Electric Co.
Sutton, Edwin G.

DISTRICT OF COLUMBIA

WASHINGTON—Anderson, D. M. & Co., 942 E. N. W.
*Brown, Ira B., Post bldg
Cook, Jno. H., 524 8th N E
Denke, Chas. E., 631 Pa av, N W
DuPerow, Mortimer, 1422 Pa. av N W
Electric Construction Co., 713 14th N W
Galloway, John R., 529 10th, N W
Gray, H. F., 624 F. N. W.
McIntire, Elwood W., 224 C, N W
Mantz, Cyrus, 713 14th, N. W.
Metzel, Robt. F., 509 11th, N W
Miller, Jno. A., 804 E. N. W.
*National Electrical Supply Co., 1423 N Y av, N W
Neely Electrical Co., 611 14th, N W
Rau, John C., 524 12th, N W
*Saxton, E. (Electric Railways, etc.), 123 G, N E
Schneider's C. Sons, 1207 F, N W
Smith, Edw. H., 473 C, N W
Sutherland & Carr., 1202 D, N W
Tallmadge & Wilson, Star bldg
Upton, W. P. Co.
White, Wm. W., Bond bldg
Williamson, D. S., 605 N. Y. av, N. W.
Wilson, F. C., 605 N. Y. av, N. W.
Walker & Cooley, 2114 14th, N W

FLORIDA

JACKSONVILLE—Brooks & Ingram
Electrical Supply & Construction Co.
*Florida Electric Co. (Power & Lighting, etc.)
Wightman & Farwell
TAMPA—Vaughn, Jno. F.

GEORGIA

ATLANTA—B. R. Electric Co., 52 Peachtree
Campbell Electric & Machine Mfg. Co. (Repairs of all Kinds), 18 E Mitchell
*Carter & Gillespie Electric Co., 40 N Broad
*General Electric Co., Empire bldg
Westinghouse Electric & Mfg. Co., Empire bldg
Wotton Electric & Mfg. Co., 52 Greenwood av
AUGUSTA—Brill Electric Co.
Hair, J. K. Electric Co.
Henry, J. A.
Mitchell, B. R.
*Moore & Edenfield Electric & Mfg. Co.
BRUNSWICK—*Bay Iron Works
COLUMBUS—*Hill, P. N.
MACON— Electric Co.
Putzel, Morris
Southern Electric Supply Co.
ROME—Woodruff Electric Co.
SAVANNAH—Abrahams & Putzel
Electric Construction Co.
*Electric Supply Co.
*Frierson, Norton, Sr.

IDAHO.

BOISE—Capitol Elec. Lt. Motor & Gas Co.
HAILEY—Richey, S. B.

ILLINOIS

ALTON—Davis-Jewett Elec. Co.
Haley & Mather
AURORA—Aurora Electric Supply Co.
Karoly, Chas. S.
BELLEVILLE—Atwood, L. C.
Reutchler Bros.
BELVEDERE—Fulton, N. B.
BLOOMINGTON—Cass, R. M.
Collins, Harry S.
Read, G. H. & Bro.
CHAMPAIGN—Dunn, Mrs. Jno. S.
Gresham, Saml. D.
Haley, Arthur E.
Oliver, Geo. W.
CHICAGO—*Aaron Electric Co., 141 S Clinton
*Allen-Hussey Co. (Telephone Construction), 213 Randolph
Alloway & Runions, 204 Dearborn
Altman, Wm. H. & Co., 69 Dearborn
Arbogast, Jacob G., 1767 Lincoln av
*Arnold Electric Power Station Co., Marquette bldg
*Badt, F. B. (Engineers & Contractors, Complete Power & Lighting Plants), Monadnock bldg
Becker Bros. (Repairers), 39 W Wash'n
Beifuss, Herman A., 3705 Armour av
Berg, Lewis A., 819 N Maplewood av
Bird, Saml., 113 Warren av
Blumenthal Sons Co., 172 Wash
Bossert Electric Construction Co., 211 Jackson boul
*Brandt, G. & Son, 1120 Oakdale av
Brett, Wm., 977 N Clark

Brown & Leasure, 279 Dearborn
Campbell, W. A. & Co., 193 E 31st
*Chicago Edison Co. (Repair Shops, etc.), 76 Market, office, 139 Adams
*Chicago Electrical Construction Co., 321 Wabash av
Clark, Edwin A., 63 So Canal
*Commonwealth Electric Co. (Light, Power & Construction), 139 Adams
*Cuthbert & Black (Eng. & Contrs.), 169 Jaekson boul
Davis Bros., 334 Dearborn
De Crastos & Son, 260 33d
*Doty, C. E. & Co., 88 Washington
*Dreier, Gustav, 429 E 55th
Duncan, James M., 3518 Dearborn
Fagerberg, Emil, 406 Elm
Faunce, A. B. & Co., 164 Dearborn
Francke, Geo., 1585 N Halstead
Frantzen, A. Co., 225 Dearborn
*Freeman Ernest, 112 Dearborn
Freud, Jos., 15 Aberdeen
Garvin, Sam'l S., 5528 W Lake
*Gates, J. Holt & Co., Monadnock blk
General Elect'l Repair Co., 141 S Clinton
*Goldstein, David, 201 Blue Island av
Gregg & Rawlins, 204 Dearborn
*Gregory Elec. Co. (Power, etc.), 60 S Clinton
Habich, Wm. F., 157 Lasalle
Hagadorn & Hess, 113 22d
*Harter & Co., 145 La Salle
Haschke, Julius E., 84 Market
Havill, Wm. H., 78 Dearborn
Hill, Albert F., 5120 Dearborn
Hilly, H. T., 145 Lasalle
House, Chas. L., 52 State
Illinois Maintenance Co., 204 Dearborn
Johnston, Jno. P., 279 Clark
Josselyn, E. R. & Co., 134 Madison
Kausal & Spencer, 79 Dearborn
*Kohler Bros. (Engineers & Contractors, Complete Power & Lighting Plants), Fisher bldg
Kuhlman, R. B., 536 S Western av
*Kutsch, L. W., Monadnock blk
Lawson, Leon, 624 W Superior
Louis, A. H., 411 N Quincy
*Lounsberry & Eaton, 415 Dearborn
*McFell-Deenis Co., 303 Dearborn
McFell Electric Co., 204 Dearborn
McMillan, Robt. S., 40 Dearborn
Moats, Hiram L., 151 39th
MacKenzie & Lee (Engineers & Contractors), 88 Lasalle
Murray, Jno. F., 497 63d
Murray, Stephen, 330 W 63d
*Newgard, Henry & Co., 83 5th av
Nims, Eugene, 2243 Cottage Grove av
*Northern Electrical Mfg. Co., Monadnock blk
O'Neil, Jno. D., 2977 Michigan av
Parker, Jno., 130 Lincoln av
Pierson Bros., 57 Dearborn
Rost, Theo., 84 Lasalle
*Roth Bros. & Co., 88 W Jackson boul
Saltzmann, E. J., 171 Lasalle
Salvage, Jno., 185 Ogden av
Sbarboro, Antonio, 268 N Carpenter
Schuber & Matthies, 897 N Halstead
Seaman, Jno. H., Commercial B'k bldg
Sheridan, A. J., 400 Orchard
Shrader, Wm. R., 211 N Park av
Sorensen, Lars P., 136 Baird av
Stephens, Chas., 3165 Cottage Grove av
Stephenson George E., 111 5th av
Steinmetz, John W., 177 La Salle
*Story Electric Co., 175 Monroe
Stone, Oscar M., 263 Lasalle
Summers, L. L. & Co. (Power & Lighting Plants), "Rookery"
Sweet, Frank Z., 279 Dearborn
Tank Electric Co., 324 Dearborn
Tegtmeier, Chas., 1885 Washington boul
Townsend, Samuel, 234 W 65th
Wadeford Electric Co., 204 Dearborn
*Wagner, Albert, 272 55th
*Westinghouse, Church, Kerr & Co. (Engineers & Contractors), 171 La Salle
Wheeler, F. H., 303 Dearborn
Wilkens, Fred. & Co., 1814 Wabash av
Wickum, Jno. A., 5528 W Lake
*Wilson, Geo. D., 153 Lasalle
Witt, Julius F., 151 43d
Wuensche, August O., 1380 W Madison
Yeomans, Chas., Monadnock blk

DANVILLE—Allen, Thurman D.
DECATUR—Decatur Electric Co.
Electric Supply & Fixture Co.
EAST ST. LOUIS—Brodericks, Chas., 20 N Main
*Langley, Geo. T., 16 N Main
Turner, F. G., 410 B'way
EDWARDSVILLE—Gillespie, C. E.
ELGIN—Skinner, W. S.
ELMWOOD—*Phelps, Wm. J.
EVANSTON—Wright, D. E.
GALESBURG—Collender, F. Edw.
*Galesburg Elec. Motor & Power Co.
JACKSONVILLE—Sieber, G. A.
JOLIET—Barber, W. C.
Rowell, T. W.
LA GRANGE—Catwalader, Bassett
MOLINE—Moline Electric Co.
Morris, G. O.
MORRIS—Ridgway, F. W.
MORRISON—Cloyd, Jas. T.
MT. PULASKI—West & Vail
MT. VERNON—Tanner, A. C.
MARSEILLES—Bond, J. E.
MOLINE—Moline Electric Co.
PEORIA—*Central Electric Co., 124 S Jefferson av
*Crawley Electric Co., 201 S Jefferson av
*Feger, I. N.
Johnson, Jno. F.
*Royal Electric Co., 909 S Wash'n
QUINCY—Tenk Hdw. Co.
ROCK ISLAND—Fiebig, Chas.
SPRINGFIELD—Mussellon, J. A. & Bro.
Roosa & Co.
Scholes, J. B.
TUSCOLA—Culver Co.

INDIAN TERRITORY.

ADA—Ada Electric Co.
ARDMORE—Indian Terr. Elec. Supply Co.

INDIANA.

See also Electrical Supplies.
Also Engineers, Electrical.

ANDERSON—Chawning, Jno. R.
Remy Electric Co.
BLOOMINGTON—Brissender, W. A.
Whitson, W. P.
BLOOMFIELD—Smith, I. H.
BOONVILLE—Kellerjohn, Chas.
BREMAN—Haines & Horein
BROWNSTOWN—Brownstown Water & Light Co.
CARLISLE—Risinger & Ellis
CICERO—Arduser, C. & Co.
CLAY CITY—Clay City Electric Light Co.
CLINTON—Clinton Elec. Light & Power Co.
COLUMBUS—Schwortzkopf, J. & Son
COVINGTON—Yount, H. C.
ELKHART—Elkhart Electric Co.
Swoffield, R. Q.
EVANSVILLE—Crescent Electric Co., 30 Main
Greene, J. B., Electrical Co., 314 Sycamore
Heimann, David, Jr., 215 U 1st
Swanson, A. L., 316 U 2d.
FT. WAYNE—*Braun, W. A.
*Edmunds Electric Construction Co.
*Hattersley, A. & Sons
Martin, Emmett
*Olds, C. L. Construction Co.
Rolf, Albert
*Wayne Construction Co.
*Zimmerly, F. J. & Co.
GOSHEN—Hawks Hdw. Co.
GREENCASTLE—Electric Light Co.
GREENFIELD—Banks, A. J. & Son
GREENSBURG—Stadley, Nolan B.
HUNTINGTON—Bartlett & Frazier
INDIANAPOLIS—Brown, Guy C., 2512 N Capitol av
Bull, Geo. S., 343 Mass. av
Carman & Fryer, 124 E Wabash
Central Power Co., 28 E Georgia
Cheyne, F. H. Electric Co., 124 N Penn
*Commercial Electric Co. (also Mfr. Generators, etc.), 220 W Merrill
Fleury, Louis A., 911 N Alabama
Greenwood, Deloss A., 1418 St. Paul
Hatfield Electric Co., 15 S Meridian
Meikel, Chas. W. Co., 122 N Penn
Royse & Batley, 20 W Maryland
*Sanborn, Marsh Electric Co., 8 W Market
JEFFERSONVILLE—Houston, J. B., 521 E Market
LAFAYETTE—Howe & Shipley
*Moore, Wilbur G.
Mulhaupt, Jos. F.
*Parsons & Wolever Electric Co.
LOGANSPORT—Blackford, J. W.
Cann, Geo. W.
MARION—Beshore, Chas.
Gillespie, L. W.
Maggart, Leon
Reynolds Electric Co.
MUNCIE—Electrical Supply & Construction Co.
Warner Electric Co.
NEW CASTLE—Cor, E. M. (and Mfr. of Specialties)
RICHMOND—Baughman-Norman & Co.
McCullough, Geo.
Meerhoff, H. H.
SOUTH BEND—Miller-Knoblock Electric Mfg. Co. (Complete Electric Power plants Installed)
*South Bend Electric Co.
*Standard Electric Co.
TERRE HAUTE—Beebe, R. W., 668 Cherry
Cregar, S. C. & Co.
Freitag, Weinhardt & Co., 646 Wabash av
Jenkins, Rollin H., 113 N 6th
Watson, D. W. Sons Co., 634 Wabash av

IOWA.

See also Electrical Supplies.
Also Engineers, Electrical.

BURLINGTON—Miller, L. J.
CEDAR RAPIDS—Cedar Rapids Electrical Supply Co.
Day, Frederick
*Fawcett, C. E.
Russell & Russell
CRESCO—Freehauf, Chas. F.
DAVENPORT—*Tri-City Electric Co.
DES MOINES—*Des Moines Mfg. & Supply Co., 103 E Court av
*Des Moines Mfg. & Supply Co., 103 E Court
*Frantzen, Arthur Co., Citizens Nat'l B'k bldg
*Hawkeye Electric Co., 412 Locust
*Hess Electric Co., Masonic Temple
*Iowa Electric & Machine Co., 308 Locust
*Midland Electric Co., 809 Locust
Perkins, Bert, 511 Mulberry
*Tri-City Electric Co., 422 Grand av
DUBUQUE—Linehan & Molo
Osborn, G. H.
Whelan, W. W.
FORT DODGE—Alline, J. K.
Gray, L. V.
KEOKUK—Garton-Daniels Electric Co.
MARSHALLTOWN—Dale, J. A.
Hall, T. L.
*Marshalltown Electric & Construction Co.
MORNING SUN—Selzer, Hdw. Co.
MUSCATINE—Adams-McCoy Electric Co.
SIOUX CITY—*Corn Palace Elec. Construction Co.
McGraw Electric Co.
Sterling, W. S.
WASHINGTON—Depins, Thos. & Son
VINTON—Speers, G. W.
WATERLOO—Burkitt, L. C.
Straight Electric Co. (G. T. Gibson, Prop.)
Waterloo Electrical Supply Co. (F. H. McCartney,, Prop.)

KANSAS.

COFFEYVILLE—Stevens, Alex.
GLASCO—**DAVIDSON & CO.**
IOLA—Shannon, T. B.
LOGAN—King, E. J. & Co.
OBERLIN—Fawcett, Chas.
PARSONS—Workman Bros.
Queen City Electrical Supply Co.
TOPEKA—Lee, Arthur, 830 Kansas av
*Overton Mfg. & Engineering Co.
VALLEY FALLS—Troth Electric Co.
WICHITA—Electrical Supply & Construction Co.
Incandescent Light & Supply Co.

KENTUCKY.

COVINGTON—Silvervale Electric Co.
HENDERSON—Aloes, Clinton
Berry, Earl
King, H.
Milton, Jno.
HOPKINSVILLE—Forbes & Bro.
Hopkinsville Lighting Co.
LEXINGTON—Hornsey, T. A.
Schneider, August
Shely, F. & B.
LOUISVILLE—Chapman Electric Co., 1127 W Main
Cronan, J. J., 538 3d
Daubert & Schrecker, 343 5th
Fay, J. T., 510 2d
Fitch, T. L., H. D. & R., 216 5th

*Louisville Electric Supply Co., 412 2d
McWilliams, Jos. & Co.
Porter Bros., 618 3d
Shoemaker, W. M. & Co., 224 3d
*Tafel, H. C., 254 W Jeff
Vogt, Henry Machine Co. (Inc.), 10th c Ormsby av
Wood, Harry I., 518 W Main
NEWPORT—Wuest, Carl
OWENSBORO—Kentucky Electric Co.
Owensboro Electrical & Heating Co.
Pfeifer, J. C.
PEMBROKE—Cross, K. P.

LOUISIANA.

LAFAYETTE—Lafayette City W. W. & E. Lt. Plant
MONROE—Dabney, F. B.
NEW ORLEANS—Bielefeldt & Burke Electrical Works, 300 Chartres
Conrad, Henry J. (Belle's City), 819 Iberville
*General Electric Co., Hennen bldg
Joachim, Jacob, 339 Baronne
McLoughlin, Thos. S., 616 Commercial pl
Manlon & Co., 620 Baronne
New Orleans Electric Co., 616 Commercial pl
Newman-Spranley Co. (Ltd.), 330 Baronne
Parker Electric Co., 415 Carondelet
Safety Electric Mfg. Co., 303 Magazine
Schaefer-Gaienne Co. (Ltd.), 327 Baronne
Schellbourne & Schaeffer, 319 N Liberty
Southern Electrical Co., 507 Carondelet
*Standard Electric Co., 424 Camp
Sterns & Mark, 330 Carondelet
Stewart, S. Jas., 216 Bourbon
Union Electric Works, 813 Union
Wagner Electrical Mfg. Co., 204 Carondelet
Widmer, Henry, 531 Bienville
Ziegler, J. J., 233 Bourbon
SHREVEPORT—*Shreveport Plumbing & Electrical Co.
Weston-Isle Electrical & Construction Co.

MAINE.

AUGUSTA—Cogan, J. H. & Co.
Ward, A. D. (Bells, etc.)
BANGOR—Bangor Electrical Construction & Supply Co.
BELFAST—Bray, W. H.
FAIRFIELD—Donnelly, Jno. R. & Co.
OLD ORCHARD—Duff, J. W. Co.
PORTLAND—Chapman, W. H.
*Cleveland, L. W., Co.
Hamlin, F. H.
Marston, C. L., & Co.
York & Boothby
WATERVILLE—Brown, F. S. (Bells, etc.)
YORK HARBOR—Thompson, Geo.

MARYLAND.

See also Electrical Supplies.

Also Engineers, Electrical.

BALTIMORE—Baltimore Construction & Bldg Co., Union Trust bldg
*Blackwell, J. L. & Co., 229 E German
*Electrical Material Co., 221 N Calvert
*Elline, J. Frank & Co., 206 E Balto
*General Electric Co., Cont'l Trust bldg
Gibson & Kirk (Bells, etc.), 45 Cheapside
Goodrich, Chas. E., 1509 W Lafayette av
Handy, Wm., 9 N Calvert
Henry, Jos. E. & Co., 506 W Franklin
*Holmes-Rose Elec. Co. (Engineers & Contractors), 215 N Calvert
How, John K. Co., 219 E Balto.
*Kingsbury-Samuel Electric Co., 204 E Lex
*Lucas, Jas. C. M., 8 South
*McCay Engineering Co., 107 E German
Mabee, Thaddeus W., 506 W Fayette
MacRae, Hector C., 316 St. Paul
*Monarch Electric Co. (Inc.), 352 N Calvert
Murphy, E. Vernon & Co., 209 Balto.
*Newhall & Co., 229 E German
Parker, Lewis, 2328 N Calvert
Prather, S. B. & Co., 1100 Clendinin
Rutery, W. R. & Co., 606 Water
Southern Electric Co., 203 E Fayette
Susquehanna Construction Co., 222 N Charles
Union Electrical Co., 232 Park av
Walther, Geo. W., & Co., 208 W Fayette
Winters, Chas. & Co., 1911 Federal
*Zamoiski, Jos. M. (Mfrs.' Agent), Moore bldg
CHESTERTOWN—Sutton, W. T. & Son
CUMBERLAND—Hillman, Theo. C.

MASSACHUSETTS.

ABINGTON—Peirce, Geo. W.
AMESBURY—Bagley, Clarence J.
ARLINGTON—Le Baron, Reuben W.
ATHOL—Athol Electrical Co.
ATTLEBORO—Attleboro Steam & Electric Co.
Macomber, A. R.
AUBURNDALE—Edmonds, Walter, & Co.
Redding, J. Herbert
AYER—Novelty Wiring Co.
BEVERLY—Webb, Frank A.
Woodbury Electric Co.
BOSTON—Abbott Electric Co., 100 High
Andrews, B. P., 327 Warren, Rox.
*Angier, Geo. M. Co. (Mill Work), 185 Franklin
Bay State Elec. Co., 19 Pearl
*Bernard, E. O. & Co., 116 Bedford
Blodgett Bros. & Co., 141 Franklin
*Boston Electric Co. (Engineers & Contractors), 29 Harrison av
Boston Industrial Co., 178 Devonshire
*Brigham Electric Co., 161 High
Bubert, J. F., 20 Boylston pl
*Byrne, T. W., 141 Milk
*Chase, Walter H., 17 Bromfield
Chute, Fred. S., 1201 Wash L. M.
*Clark & Mills Electric Co., 543 Boylston
Coffin, Harry A., 627 Wash'n, Dor.
*Continental Construction Co., 170 Summer
Cotton, C. A. & Co., 394 Atlantic av
Cram, Wm. E., 3 Lagrange
Cushing, A. A. & Co., 41 Federal
Dean, S. & Co., 27 Province
Deane & Lobdell, 113 Devonshire
Edmunds, W. S. & Co. (Repairing, etc.), 178 Devonshire
Electric Maintenance Co., 149 Pearl
Electric Storage Supply Co. (Yacht Lighting, etc.), 185 Franklin
*Erickson Electric Equipment Co., 280 Devonshire
Erikson Electric Co., 1 Somerset
*Fuller, Seth W. Co., 185 Devonshire
*General Electric Co., 200 Summer
Godfrey Electric Construction Co., 24 Chauncey
*Harriman Bros. (Elec. Rys.), 4 P. O. Sq
Hazleton, H. H., 103 Court
Hickey, Wm. H., 163 Blue Hill av
*Holder, H. A., 122 Dudley
*Jamaica Plain Electric Co., 193 Green, J. P.
*Jarvis Engineering Co., 61 Oliver
Jones, C. L., 368 Camb, Alls.
Kelly, T. T. & Co., 2 Columbia
*Kendall, M. K. & Co. (Elec. Rys.), 32 Oliver
Lewis, Edwin C., 10 Milk
*Lord Electric Co., 81 Milk
Matson, I. L., 147 Summer
Neily, M. R., 64 Shawmut av
Palmer, Roscoe A., 1150 Columbus av
Phelps, J. Frank, 75 Waldeck
Picard, A. L., 306 Atlantic av
Porter, S. S., 29 Central
Redding, Jerome & Co., 48 Hanover
Redding, J. Herbert, 31 Exchange
Richmond, Will F., 22 Milk
*Ross, Olof & Co., 17 State
*Robinson, Miner, 176 Federal
Rowe, Walter W., 30 Cornhill
Russell, J. L. & Co., 170 Sumner
*Sargent, Conant & Co., 15 Federal
Spokesfield, F. S., 1887 Dorchester av
Stevens, G. F. W., 60 Norfolk, Dor.
*Stone & Webster, 93 Federal
*Swan, F. A. & Co., 37 Pearl
Swett, Edgar & Co., 188 W Springfield
Thaxter, F. O. & Co., 722 Dudley
Wentworth & Blake (Telephone Construction), 19 High
*Westinghouse, Church, Kerr & Co. (Engineers & Contractors), 131 State
Wetherbee & Whitney, 154 Congress
Wilder, N. B., 230 Wash
Wilkinson, Jas. & Co., 20 Hawley
Ziegler Apparatus Co., 200 Summer
BROCKTON—Carpenter, D. K.
Smithers, J. B.
Tremaine, E. T., 24 E Elm
BROOKLINE—Brooks, Frank B., 240 Wash'n
*Fleming, Jno. F., 222 Wash'n
Gibbons, A. E., 264 Wash'n
Steverman, B. J., 264 Wash'n
CAMBRIDGE—Bosworth, J. D. & Co., 2041 Mass. av
Brock & Eaton, 1362 Mass. av
*Bryant, F. & Co., 728 Mass. av
Clark, Ernest W., 1400 Mass av
*Clark & Mills, 1400 Mass. av
Pearson, E. W., 1858 Mass av
Sayre, Frank & Co., 1229 Cambridge Co.
Stevens, Fred. M., 94 Berkshire
CHELSEA—Johnson, Chas. H.
Pettman, O. E. & Co.
Pickford, Henry
Spence, Jno. W.
CLINTON—Evans, F. B.
Flagg, Maurice I.
CONCORD—Watson, J. P.
DANVERS—Elwell, Albert C.
Woodward, D. E.
EVERETT—Ayers, Henry W., Jr.
Connell, J. J. & Co.
Smith, Herbert L.
FALL RIVER—*Edgar, Wm. B., 46 Rock
Hart, Orlando W., 151 Rock
Potter & Earle, 120 S Main
Weeden, H. S., 16 S Main
FITCHBURG—*Bruce-Hibbard Electric Co.
Demmon & Ramsey
Knight, A. M. & Co.
FRAMINGHAM—Gibbs, C. N.
Meserve, F. W.
Parlin, W. D.
GLOUCESTER—Cameron, Jno. A. & Co.
Favor, Sidney S.
Low-Newmarch & Co.
GRAFTON—Grafton Electric Co.
GREAT BARRINGTON—Parrish Bros.
GREENFIELD—Kimball, Edw. P.
HAVERHILL—Chase, Arthur T.
Kimball, H. W.
Morse & Heath
HOLYOKE—Haskell, H. Frank
Oakes, Roland T. Co.
Weaver, W. R.
HYDE PARK—Brown, B. J.
Readville Electric Co.
Tibbetts, A. E.
LAWRENCE—Lawrence Electrical Supply & Construction Co., 280 Common
LEOMINSTER—Beane Electric Co.
Haskell, Jas. A.
Wilson, A. R.
LOWELL—Harding, Harry F., 556 Middlesex
*Derby & Morse, 72 Middle
*May, C. H. & Co., 139 Middle
*Tucke & Parker, 79 Middle
Young Samuel (Lighting, Wiring, etc.), 195 Middle
LYNN—Bancroft, K. H., 14 Alder
Derby & Morse, 64 Middle
Hinckley, W. C., 54 Market
*Littlefield & Kennedy, 747 Wash'n
Orcutt, John N. (Bells, etc.), 49 Monroe
*Sampson & Allen, 51 Exchange
Sisson, Albert H.
MALDEN—Bliss, C. E.
Pearson, C. E.
MEDFORD—Ober, Wm. E.
MELROSE—Hicks, Richard
Page, Herbert S.
MILFORD—Tewksbury & Weir
NATICK—Parlin, W. D.
NEW BEDFORD—Baron, Jos. & Son
Briggs, Wm. P.
Mevis & Morcon
Sherman, C. R. & Sons
NEWBURYPORT—Dickens, Jas.
Merrill, J. J.
NEWTON—Baxter, A. C., 127 Boyd
Bjornson, Theo O., N'ville
Colgan, Wm. H., 1385 Wash'n, W. N.
Johonnot, H. E., 390 Centre
Kendrick, Arthur
Pike, Wm. E., 403 Centre
Trefry, Jas. T., Cherry, W. N.
Ulmer, Gustavus, 32 Bowen, N. C.
NORTH ADAMS—Spruill, J. B.
PEABODY—Poeton, Saml B.
PITTSFIELD—Berkshire Electric Co.
*Eureka Electric Co.
PLYMOUTH—Doten, Chas. M.
Peirce, T. H. G.
Rounds, Geo. E.
QUINCY—Beckford, Edwin S.
Quincy Electric Light & Power Co.
SALEM—Brown, Ralph
Lee, Wm.
Philbrick Electrical Co.
Ramsdell Elec. Construction Co.
SOMERVILLE—Cleveland, W. T., 331 Summer (W. S.)
Puslfer, F. L., 25 Summer
Weld, C. L., 15 Glen
*White, H. G., 269 Highland av

SOUTHBRIDGE—Gay, E. L.
SOUTH FRAMINGHAM—Gibbs, C. N.
Meserve, F. W.
Parlin, W. D.
SOUTH HADLEY FALLS—Madsen, M. (Bells, etc.)
SPRINGFIELD—*Bowman & Gregg, 19 Elm
Carter Electric Co., 229 Main
Columbia Electric Co., 27 Besse pl
Fitzpatrick, P. C., 137 Bridge
Fowler, Jas. B., 44 Harrison av
Hawes Electric Co., 137 State
MacGelvray Bros., 433 Main
Morin, Thos. H., 23 Taylor
Parker, Chas. W., 141 Bridge
TAUNTON—Lamh & Foster, 18 City sq
Stocker, A. F. & Co., 18 B'way
WALTHAM—Farr, Alhert L.
WEBSTER—Bergman, C. W.
Waltham Electric Appliance Co.
WATERTOWN—Harris & Horner
Kilton Electric Co.
WESTFIELD—Bowman & Gregg
Johnson, Fred J.
WORCESTER—Barnes, G. W., 31 Laurel
Berg Bros., 841 Milhury
Brigham, Geo. E., 518 Main
*Browne, W. L., 545 Main
Linton & Southwick, 60 Hermon
*New England Elec. R. R. Construction Co. (Electric Rys.), 311 Main
*Page Electric Co., 28 Pearl
Plummer, Ham & Richardson, 619 Main
Temple, Henry D., 377 Main
Worcester Electric Mfg. Co., 42 Lagrange

MICHIGAN.

See also Electrical Supplies.
also Engineers, Electrical.

ALPENA—Pierce, W. R.
ANN ARBOR—Hutzel & Co.
Kittredge, C. H.
Schuh, Jacob
Washtenau Light & Power Co.
BATTLE CREEK—*Hulscher, F. H., 45 Main, W.
*Peterson, J. G., 27 Wash'n av, N.
*Muncey Elec. Co.
Sanitary Electric Supply Co.
BAY CITY—*Electrical Construction Co.
King, Andrew
Woods Electric Co. (F. Newton Woods)
BLISSFIELD—Keeler, Jas. R.
CALUMET—*Keelyn & Smith
CHEBOYGAN—Cheboygan Electric Light & Power Co.
COLDWATER—Allen, Fred. L.
DETROIT—American Electric Co., 256 Randolph
Barton & Netting, 248 Woodward av
*Chase Construction Co., Majestic hldg
Crook Electric Co., 56 State
Detroit Electric Co., 47 State
Donahue & Schoettem Elec. Co., 82 Griswold
East Side Electric Co., 307 Gratiot
Electric Service & Appliance Co., 166 Randolph
*Electric Supply & Eng. Co., 211 Jefferson av
Electrical Construction Co., 25 Rowland
Electrical Expert Co., 38 Congress, W
Fisher Electrical Works, 183 Larned, W
Grahowsky, Max (Bells, etc.), 380 Woodward av
Hutchins, Alhert E., 1383 12th
Heath Electric Co., 336 Grand River av
Kearney Electric Co., 30 Miami av
Marks, Hiram Elec. Co., 155 Jeff av
McCleary & Colquitt Co., 217 Jefferson
*Michigan Electric Co., 101 Woodward av
*Muir, Thos. & Son (Power & Light, etc.), Union Trust bldg
*National Elec. Co., Union Trust hldg
Rumsey Electric Co., 437 Grand River av
Scott Bros. Electric Co., 3 Farrar
*Seidler-Miner Elec. Co., 207 Jefferson av
*Westinghouse, Church, Kerr & Co. (Engineers & Contractors), Union Trust bldg
Wolverine Elec. Co. (A. F. Paschke, Propr.), 149 Grand River av
FLINT—Electrical Equipment Co.
GRAND RAPIDS—Central Electrical Co., 4 Erie
Ft. Wayne Electric Works, Houseman bldg
*Grand Rapids Electric Co., 9 S Division
Mosher, T. J. Elec. Co., 56 N Ottawa
Smith, W. A., 499 S Division
*Wheeler, M. B. Electric Co., 101 N Ottawa
HOLLAND—Kanters & Slaudart
HOUGHTON—Dee, Jas. R.
JACKSON—Jackson Electric Construction Co.
Lockwood Bros.
Parrish Bros.
*Reeves, C. S.
KALAMAZOO—Buckley Elec. & Mfg. Co.
Columbian Electric Co.
LANSING—*Capitol Electric Eng. Co.
Conn, E. J.
LUDINGTON—Williams, Jos.
MARQUETTE—Hoard, F. H. & Co.
MARSHALL—Holmes, E. L.
MENOMINEE—McCarthy, W. J.
*Menominee Electric Mfg. Co.
MUSKEGON—Edison Electric Co.
*Muskegon Electric Co.
Nims, F. D.
Taylor Heating & Plumbing Co.
PORT HURON—Date, Wm.
Huron Cycle & Electric Co.
*O'Neil Bros. & Co.
Stephenson, D. J.
REED CITY—*Andrews, Jas. H.
ROMEO—McDowell, W. C.
SAGINAW—*Barlett Illuminating Co.
Berger, F. A.
*Electric Supply Co.
Fisher, J. Geo.
ST. JOSEPH—Engsberg's Elec. & Mech'l Works
*Jewell, Reuben
Saranac Electrical Mfg. Co.
TECUMSEH—Satterthwaite Bros.
TRAVERCE CITY—*Camphell Bros.
WEST BAY CITY—Campbell, A. D.
WEST BRANCH—Vaughan Electric & Construction Co.

MINNESOTA.

See also Electrical Supplies.
also Engineers, Electrical.

ADRIAN—Sands, C. A.
CLOQUET—Cloquet Elec. Lt. Co.
Fish, L. A. & Co.
Loisel & Rogers
DULUTH—Burgess Electric Co., 312 W 1st
Chisholm, Alex., 20 W 7th
Crowley Electric Co., 301 W Michigan
Minnesota Elec. Engineering Co., 204 W Superior
Northern Electric Co., 20 W 3d av
Richards Electric Co.
LITCHFIELD—Miller, W. H.
MINNEAPOLIS—Bell Electric Co., 2532 Nicollet av
Bell, Vernon & Sons, 56 S 3d
Brunsell Bros., 2426 Riverside av
Carpenter, W. F., 525 Hennepin av
Clark Electric Specialty Mfg Co., Bank of Com.
*Electrical Engineering Co. (Light & Power), 13th av & Polk
*Electric Machinery Co. (Power & Lighting), 101 N 1st av
*Gray, W. I. & Co. (Electric Lighting, etc.), 802 Sykes blk
Gugler Electric Mfg. Co., 329 Hennepin av
Hough, H. L. Co., 304 Nicollet av
Howard Electric Co., Lumber Ex
Jones, J. W., 409 Hennepin av
Loring-Clark Electric Co., 408 S 2d av
Minneapolis Electric & Construction Co., 17 S 4th
*Minnesota Electric Co., 311 S 2d av
*Trevor, John, Century bldg
MORA—McIthargey, S. D.
RED WING—Hastings, J. L.
ROLLINGSTONE—Schuh Bros.
ST. PAUL—*Berggren Electric Co., 414 Jackson
Drake, Chas. & Son (Bells, etc.), 385 Minn.
Electrical Engineering Co., 248 Henenpin av
Gorman, John, 315 Minn.
McBride Electric Co., 148 E 4th
*Morton, Geo. R., Nat. Ger. Am. Bk. bldg
*Nimis & Nimis, 59 E 5th
*Northwest Engineering Co., 133 E 5th
Northwestern Electric Co., 131 E 5th
*Riddle & Landon, Gilfillan hlk
*Roberts-Goss Co.
*Robertson, J. G. (Power Plants), 409 Manhattan bldg
*Taylor & Hough (Power & Light), 282 E 5th
*Triumph Electric Co. (Complete Lighting Plants), Globe hldg
THIEF RIVER FALLS—Petterson, L.

MISSISSIPPI.

CLARKSDALE—Delta Hardware Co.
MERIDIAN—Miss. Electrical Supply Co.
Renau Elec. Supply Co.
Union Elec. Supply Co.
Williams, Fred.
VICKSBURG—Delta Electric Co.
McGregor, G. W.

MISSOURI.

See also Electrical Supplies.
also Engineers, Electrical.

ALBANY—Cox, Jasper
BETHANY—Stevens, Z. T.
CARTHAGE—Holt, Roht.
Rush, W. S. & Co.
DE SOTO—Consumers' Elec. Light & Power Co.
HANNIBAL—McPherson & Trickey
JOPLIN—Barney, Chas. H.
Belden, Chas. H.
J. & A. Electric Co.
KAHOKA—Kahoka Telephone & Construction Co.
KANSAS CITY—B-R. Electric Co., 620 Delaware
Brunner, H. J. Hdw. Co., 910 Walnut
Gill-Alexander Electric Mfg. Co., 213 E 15th
*Hodge-Walsh Electrical Engineering Co., 701 Delaware
Kansas City Elec. Construction Co., 17 E 8th
Matthews-Schweidler Elec. Co., 7 E 13th
Molineau & Co., 567 Walnut
Osborn, W. T. & Co., 705 Delaware
Pierce, L. R., 128 Brooklyn
*Reed, E. M. & Co., 717 Delaware av
Stansberry & Turner, 1011 Grand av
KIRKSVILLE—Rinehart, E. S. & Co.
MILAN—Havermale & Bennett
ST. CHARLES—Williams, J. C.
ST. JOSEPH—American Electric Co.
Berry Electric & Mfg. Co., 111 S 3rd
*Columbian Electrical Co.
Electric Construction Co., 429 Francis
ST. LOUIS—A. B. Electric Co., 1111 Pine
*Abadie, E. H., & Co., Bank of Commerce hldg
Adam, Frank Electric Co., 904 Pine
Andreas, C. & Son, 416 N 3d
Banner Electric Co., 10 N 12th
Boyd, John C., 1511 N Taylor av
*Briner, C. J. & F. E., 204 Franklin av
Brown, Wm., 3005 Olive
Central Telephone & Elec. Co., 909 Market
Coit, Henry A., 219 N 4th
*Columbia Electric Engineering Co., Olive c 8th
Cooke, Edw. T. Electrical Co., 1408 Chestnut
Cornwell & Co., 206 N 10th
Dodsworth, Robert & Co., 1024 Franklin av
*Eclipse Electrical Co., 1124 Pine
Empire Electrical Co., 4457 Evans av
Engelhardt, Henry A., 607 N Vandeventer av
Erfer, Geo. E., 115 N 8th
Froeckman Bros., 1002 Walnut
Garman, John H. A., 810 S 8th
Gehrke, Carl, 306 Walnut
*General Electric Co., Wainwright bldg
Globe Electric Co., 16 S 2d
Hance, Jas. R., 1145 Olive
Hill Electrical Mfg. Co., 203 N 10th
Huhle, Max, 2725 Lafayette av
Humphrey, Henry H., 721 Olive
Imperial Electric Light, Heat & Power Co., 10th & St. Charles
Kettler, B. J. Electric Construction Co., 17 N 9th
King Electric Co., 1303 Wash av
Kramer, Otto H. E. & Co. (Repairs), 620 N Taylor av
Kusel, D. A., 1119 Pine
Laclede Power Co. of St. Louis (Power), 421 Olive
Lindsey, H. E. Electrical Supply Co., 917 Market
Linze Electrical Supply Co., 1141 Olive
Little, F. B. & Co., 1015 Pine
McDonald, Wm., 3176 Easton av
Mallalieu, L. H., 306 N Grand av
Masson, Jos., 2941 Easton av
Melbeck, Edw., 712 N 8th
Mercantile Electric Co., 810 Spruce
*Meysenburg Electric Co., 810 Olive
Missouri-Edison Electric Co., 415 Locust
Missouri Motor Co., 1311 Clara av
*Moloney Electric Co., 423 N 2nd
*Newberry, F. E. & Co., Olive c 9th
Newsom, J. N., 321 Pine
Peck, Fleming H., 516 N Sarah
Percival & Jones, 211 N 7th
Pine, Dudley J. Electric Co., 17 N 10th
Potter Bros., 7 N 10th
Reibell, R. R., 2413 N B'way
Riemann, A. & Co., 824 Market
Rougtell, R. & A. J., 904 Olive
*St. Louis Electric Construction Co., Olive c 9th
St. Louis Electrical Supply Co., 1118 Pine
Schaeffer, Henry, 4248 Olive
Snider Electric Co., 1626 S B'way

Stagl, Chas., 721 Olive
*Sutter, Chas. J., 921 Pine
*Trltle, J. Stewart, 319 N 4th
Van Etten-Lane Electric Co., 201 Market
*Van Nort Bros. Electric Co., 716 Market
*Van Nort, E. C. Electric Co., 12 N 8th
Willard, Herman, 420 N Vandeventer av
*Wurdack, Wm., 19 S 11th
Zeiing, Henry, 623 N Vandeventer av
SPRINGFIELD—Atkinson, J. E.

MONTANA.

BUTTE—*Anaconda Copper Mining Co.
*Montana Electric Co.

NEBRASKA.

ALBION—Bennett, I. I.
HASTINGS—Hayter, E. A.
LINCOLN—Cook Electrical Supply Co.
LINCOLN—Electrical Equipment Co.
Korsmeyer Pluming & Heating Co.
O'Reilly, Matthew
Ross, C. E. Electric Co.
OMAHA—Hoeschen Mfg. Co., 1304 Douglas
*Kuhns, John H., 1st Nat. Bank bldg
*Omaha Electrical Works, 108 N 11th
Sharp, L. C. Machine Works, 316 S 13th
*Western Electrical Co., 1510 Howard
*Wolfe Electrical Supply Co., 1804 Farnam

NEW HAMPSHIRE.

CONCORD—Bennett, H. P.
Cushman Electric Co.
Dadman, Chas. W.
Landon, F. W. & Co.
FRANKLIN—Burleigh, H. W.
KEENE—Willard, L. M.
LITTLETON—Ransome, J. C.
MANCHESTER—*Brodie Electric Co., 886 Elm
Bryant, E. M. & Co., 28 Hanover
Franks, A. L. & Co., 1196 Elm
Lane, Thos. A. Co., 66 Hanover
Manchester Heating & Lighting Co., 1080 Elm
NASHUA—Austin, Chas. H.
PORTSMOUTH—Trafton, W. I. & Son
TILTON—Allen, M. C.
WHITEHEAD—Libby, M. F.
WILTON—Emerson, Wm. H.

NEW JERSEY.

See also Electrical Supplies.
also Engineers, Electrical.

ASBURY PARK—Hope Electric Co.
ATLANTIC CITY—*Chapman, F. A.
Ingalls, C. E.
Valentine & Johnson
BLOOMFIELD—Olsen, A. F.
BURLINGTON—Briggs, Samuel L.
CAMDEN—Cremins, E. F., 412 Kaighn av
Ewan & Lambert, 198 N Front
De Harendt, Wm. F., 331 Arch
Haag, Paul, 608 S 6th
*Morgan, Harry E. Co., 123 Market
New Jersey Supply & Engineering Co., 301 Market
Nottebrock, Mortimer L., 706 N 6th
Renwick, Fred'k W., 927 Cooper
*Richter Electric Co., 95 Federal
Robinson, Herber C., 518 Linden
DOVER—*Wright, Frank C.
DUNELLEN—Richardson, Geo. W.
EAST ORANGE—Bischoff, W. P., 72 Greenwood av
Werner, C. F., Jr., 361 Main
ELIZABETH—Fleron, Louis F., 49 Broad
*N. J. Engineering & Contracting Co., 88 Broad
Rankin, John R., 88 Broad
Rosseter & McCreery, 112 Broad
W. S. Co., E Grand
FRANKLIN—Nichols, T. S.
Rusby, Jos. H.
HOBOKEN—Bates, Louis, 417 Washington
Kenna, Jas. E., 419 Washington
*New Jersey Electrical Equipment Co., 112 14th
*O. K. Electric Equipment Co., 505 Wash'n
JERSEY CITY—Bowe, Pat'k, 322 Barrow
Colsten & Hartman, 196 Morgan
*German Mfg. Co., 214 Ocean av
Gould & Hedley (Electric Plants & Repairs), 102 Morgan
Johnson, Edw., 728 Bergen av
Meconnekin, W. E., 637 Com'pau av
Muller, H. E., 115 Sherman pl
*Newton, H. C. & Co., 49 Montgomery
Plart & Lynch, 249 Wash'n
Rossiter, MacGovern & Co.
Thomas, Chas., 263 Fairmount av
*Williams, Geo. A. Co., 268 Washington
LAKEWOOD—Hoff, Jos. B.
LONG BRANCH—Shields, Jas. R.
Young, Theodore
LONG BRANCH CITY—Clark, E. H.
Smith, Nicholas J.
MADISON—Felch, Edwin P.
*Shea & Willson
MONTCLAIR—Legg, Jas. H., Upper Mont.
Legg, Jas. H., Upper Mont.
Glaister, Jos. W.
Morris, Aug. T.
*N. J. Electrical Construction Co.
MT. HOLLY—Davis, W. H.
MORRISTOWN—Dutton, Willis H.
*Morris County Electric Co.
NEWARK—Beckingham, Jno., 740 Broad
Browe, W. L. & Co., 67 Bank
Browe, Wm. & Son, 16 Clinton
Buehrman, F. W., 166 Elm
Cooper & Wigand, ft. Emmett
*Crane, Frank N., 170 Market
Dovey, C. J., 95 Bank
Eckert, Chas. G., 427 S 6th
*Electric Motor & Equipment Co. (Specialty Power Plants), 13 Beaver
Feldkamp, F. A., 388 Fairmount av
Goelier, John, 430 Orange
Hatfield, Andrew, 274 Market
Heck, Louis, 35 N. J. R. R. av
Jackson, H. R., 763 Broad
Jaehing, Paul H., 13 Beaver
Josts, Edmunds Sons, 350 Plane
Kinsey & Dobbins, 758 Broad
Langstroth, Wm. G. (House Work), 28 Mechanic
McIntire, C. Co., 13 Franklin
Miller Electric Co., 20 William
Moore Electrical Co., 52 Lawrence
Newark Electric Contracting Co., 42 Mechanic
Newark Electric Supply Co., 269 Market
N. J. Electric Construction Co., 188 Market
Phillips & Ash, 342 Broad
Riggs, F. N., 274 Market
Rosseter, Fred'k, 122 Mulberry
Rudkin, M., 394 Bank
Runyon, F. O., 122 Market
Sieder, A. L., 234 Springfield av
*Sommer Electrical Co., 194 Market
Staehle, Henry, 282 Springfield av
Stucky, Jacob, 17 Ailing
Taylor, Edw. M., 105 Arlington
Taylor, H. B., 92 Clay
Tidey, Samuel E., 70 New
Venino, Ferdinand, 313 Market
Wilcox, L. M., 219 Market
NEW BRUNSWICK—Britton, Edwin L.
OCEAN CITY—Krauss, Leonard, Co.
ORANGE—Aysworth, J. W., 128 Essex av
Baker, Fred'k, 389 Main
Boyce, George R., 295 Main
Broumer, Sam'l S., 255 Main
Grant, Jas., 172 Watchung av
McKnight, A. C., 389 Main
Werner, C. F., 372 Main
PATERSON—*Sipp Electric & Machine Co., 1 Mill
PERTH AMBOY—Anderson, A. J., & Co.
Southwich, Edw. K.
PLAINFIELD—Heidcloff, Jno. J.
Higgins, Aaron M.
Laing, Allen B.
POMPTON—Smith, H. J.
RED BANK—Shore Electric Co.
Weberling, Fred'k
TRENTON—*Adams, Carl A., 120 Hamilton av
*Covert, J. W., 8 E State
Drake, C. C., 134 Brunswick av
Fleron, M. M., Taylor Opera House
*Hyde & Bennett, 538 S Clinton
Toman Bros., 145 N Broad
Walsh, A. B., 709 S Broad
VINELAND—Fisher, W. E., N & Vineland
Potter, Elwood C.
WEEHAWKEN—Marks, Leopold B.
Seeck, John & Bro.
WESTFIELD—Miller, Henry B.
Peek, Geo. M., Jr.

NEW YORK.

See also Electrical Supplies.
also Engineers, Electrical.

ADDISON—Demara & Thornton
ALBANY—*Albany District Telegraph Co., 47 Maiden la
Bell, Thos. H., 37 Beaver
Capitol Electrical Works, 58 Maiden la
Empire Electric Co., 23 Steuben
Lansing, E. P., 57 Maiden la
Havens, M. Jr., 29 James
Robinson Electrical Works, 422 B'way
Schimpf, Alfred, 59 Wash'n av
Stoneman, Jno. E., 56 First
AMSTERDAM—Morrison Electrical Engineering Co.
AUBURN—Burns, Dan'l J.
BAY SHORE—Mills, C. J.
BINGHAMTON—Binghamton Electrical Construction Co., 160 State
*Gaylord & Eitapine Electric Co., 165 State
Leet, Harry L., 117 Court
Olmstead, L. M., 1 Wall
Root & Band
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Adams Construction Co., Ellicott sq
Akins & Traise Electric Co., Mooney bldg
Averill, Frank E., 357 Seventh
Beck, Louis H., 751 Seventh
Brown, A. F. Co., 21 Court
Buffalo Electric Co., 227 Pearl
Buffalo Engineering Co., Erie Co. B'k bldg
Busch Bros., Mooney bldg
Chaillet, Adolpe H., Ellicott sq
Flach, T. H. & Son, 70 W Genesee
Ford, Harry, 434 Elm
*General Electric Co., 681 Ellicott sq
*Genesee Electric Co., 340 Genesee
Horn, Alfred W., 212 Thompson
Jaynes Electrical Co., 520 Main
Jones, F. P., 126 Franklin
Little, F. P. Electrical Co., 135 Seneca
Loewer, John A. & Co. (Bells, etc.), 815 Jefferson
Manley, Robt. P., 500 Main
*Mann, Albert, Mooney-Brisbane bldg
McMulian, Hugh, 67 W Chippewa
Mashinter Electric Co., 12 Perry
Meadows, Harold G., White bldg
Molyneaux Electric Mfg. Co., 54 Seneca
Perkins, Frank C., Erie Co. B'k bldg
Peters, Herman L., 223 Pearl
Plumb, Chas., 47 W Swan
*Power Installation Co. (Complete Electric Plants), 202 Main
Proctor-Raymond Mfg. Co., 444 Niagara
Ricker, Geo. A., Ellicott sq
Robertson Electric Co., 190 Main
Sacket, Herbert I., Builders' Exchange
Schweiger, Wm. J., Ellicott sq
Short, A. W. J., 1389 West av
*Stearns, Julius & Co., 255 Pearl
Thomson Bros., 60 Cherry
Throop, A. T. & Co. (Electrical Transmission, etc.), Erie Co. Bank bldg
Watts, Henry, Ellicott sq
White Electrical Co., 166 Allen
Woolverton, G. C., 444 Niagara
COHOES—Clute Bros.
CORTLAND—Cortland & Homer Electric Co.
COXSACKIE—Upper Hudson Electrical Co.
FORT EDWARD—Howe, Arthur J.
FREEPORT—Walling, H. A.
FULTON—Van Duyne, A. H.
GENEVA—Jones, W. C. & Co.
Place, J. A.
GLEN COVE—*Gamp & Rose
GLENS FALLS—Kanes Falls Electric Co.
*Taylor, Seymour
GLOVERSVILLE—Austin, F. W. & Co.
Fulton County Electrical Cons. & Supply Co
Welch, Frank L.
GOWANDA—Sipple, Chas. E.
ILION—Mohawk Valley Electric Construction Co
KINGSTON—Carr, Harry P.
Legg, H. B.
Mellott, Chester B.
LITTLE FALLS—Miller, J. H.
LOCKPORT—Lockport Electric Supply Co.
Stone, F. G.
MAMARONECK—Haight, Dan'l W.
MAYVILLE—Bixby, L. B.
MT. VERNON—Britingham, A. D. & Co.
Hitchcock, Alfred M.
McIntyre, Harry C.
West Electric Co.

NEWBURGH—Dotzert, Jas. H.
*Hewitt & Warden
*Hyer-Sheehan Electric Motor Co.
Samuel & Lauberheimer
Thorpe, W. Grant
Wittmann, Geo. J.

NEW YORK CITY.

Borough of Brooklyn.

Acme Electrical Construction Co., 350 Fulton
Anthony, Edw. J., 269 Reid av
Atkin, Jos., 81 5th av
*Attix, Thos. F., 283 F'bush av
Bainbridge & Taylor, 411 Gates av
Barrell & Treshman, 1292 Fulton
*Baumeister, F. J., 424 5th av
Beach, A. S., 1134 57th
Beckett, W. J., 108 Norman av
Bishop, Howard W., 1228 Bedford av
Blanchard, F. G., 45 Willoughby
Boyes, Wm. H., 370 Pearl
Boyle, Wm. & Son, 1624 B'way
Briggs, Rich'd Jr., 400 7th av
Brooklyn Electric Equipment Co., 12 Clinton
Brooklyn Repair Co., 564 De Kalb av
Brown, Addison W., 195 Montague
Brown, M. S. & P. C., 5 Myrtle av
Casanora, Frank, 217 5th av
Clark, Chas. H., 1621 Fulton
Combs, F. D., 312 Reid av
Consolidated Electrical Supply Co., 33 Bond
Corduan & Freund, 741 3rd av
Cowden, R. H., 629 Wythe av
Cutler, Wm. A., 353 Central av
Deane, Wm. H., 123 Washington
Delacy, J. C. & Co., 37 Flatbush av
Demott, Chas. W., 482 Sumner av
Dittmar, Jos., 123 Washington
Dods, J. B., 87 S Portland av
Eder, Thomas, 577 Bushwick av
Eggerth, Max J., 703 De Kalb av
Electric Contracting & Repairing Co., 391 Myrtle av
Fallek, Henry, 247 Atlantic av
Fearon, John, 315 48th
Forker, Julius O., 1333 Fulton
Fortenbach, E & Co., 502 Liberty av
Gili, William, 438 6th av
Glassman, Jos., 32 Myrtle av
Greene, Abijah E., 175 7th av
Guinan, Peter & Co., 329 Cumberland
Hansman, William A., 18 Folsom pl
Harlow, Wm., 575 De Kalb av
Hauser, Jacob, 23 Ten Eyck
Hirtenstein, Louis, 29 Reid av
Hurst & Myers, 15 Grant
Huth, William, 716 Grand
Johnson, Richard, 374 Nostrand av
Johnson Bros., 1422 Fulton
Johnston, Joseph, 415 Cumberland
Kender & Lenty, 142 Van Siclen av
Kolloff, Gus., 424 5th av
Krabbe, Christian, 168 B'way
Kruger, John L., 953 Myrtle av
Lafferty, Wm. B., 350 Palmetto
Laing, Chas. B., 674 Mktn av
Laing, Chas. W., 179 Nassau
Lange, Adolph, 274 Flatbush av
LeManquais, Ernest R., 1266 3d av
Lewry, Charles W. & Son, 32 Hopkinson av
Lezoli & Hanson, 1319 Myrtle av
Little, Thomas J., 191 Lorimer
Lonnborg, Ernest, 14 Clinton
Luce, John B., 49 Willoughby
McNamara, Albert J., 787 Gates av
Manquis, R. & Sons, 189 Atlantic av
Mattfeld, John A., 418 Tompkins av
Mayer, Jno. F., 727 Gates av
Meyer, Wm. H., 353 Myrtle av
Mezger & Co., 12 Clinton
Moll, Wm., 221 Reid av
Moncrief & Dean, 1258 B'way
Montignani, Frank M., 959 Fulton
Myers, Peter D., 368 Graham av
Newberger, A., Electric Co., 1153 Myrtle av
Nicolay, Wm. H., 357 2d
Oesteriing, John, 318 Court
O'Rorke, P., 61 B'way
Petrie, Geo., 299 Court
Phraner, C. H., 383 Sumner av
Prevost, Javan J., 160 Ralph av
Randell, H. E., New Utrecht av, nr 59th
Reibeling, Charles, 360 Ralph
Richard, Robt., 198 Atlantic av
Rekate, William, 682 Evergreen av
Renz Bros., 1542 Broadway
Rhoades, Fredk. J. V., 344 Nostrand av
Rich, Charles E., 943 De Kalb av
Richards, F. F., 1848 B'way
Richter, Edw., 98 S Elliott pl
Richter, Louis, 336 De Kalb av
Richter, F. & H., 183 Stockholm
Rooney, James, 38 5th av
Roovers Bros., 170 Dean
Rothermel, G., 147 Maujer.
Sackman, Ernest, 50 Marcy av.
Samuelson, William, 250 7th av
Schaefer, John & Son, 1034 B'way.
Schumacher, Frederick F., 32 Starr.
Schweizer, William, 240 Ralph av
Smith, Horace A., 565 Gates av
Smith, S. N., 564 De Kalb av.
Soper, Chalres A., 1108 Fulton
Stieglitz, Arthur W., 37 Lorimer
Stratton, Eugene B., 2015 Fulton.
Sundheim, Rudolph, 303 Rodney.
Thiemer, Edmund J. H., 1220 Fulton
Tollner, Hugo, Jr., 292 Graham av
Topping, Geo. H., 259 15th.
Wagner, H., 392 Sackman.
Wagner, Joseph, 982 Madison
Ward, F. H., 391 Myrtle av.
Ward, Richard J. & Son, 1090 Fulton.
Weich, Charles, 471 Atlantic av.
*Weidermen & Conklin, 267 Flatbush av
Wieden, Julius, 1862 Fulton.
Wood, Alfred G., 67 Lynch.
Woodward, Charles J., 1102 3d av.
Wundoehl, Marcus L., 487 5th av
Young, Emil O., 236 Hamburg av

Boroughs of Manhattan & Bronx

NEW YORK—Ackerman, Chas., 95 Nassau
Ahrens, M. L., 76 Elm
Alexander, Harry, 33 W 34th
American Electric Supply & Construction Co., 27 Thames
Arnold Electric Power Station Co. (Lighting & Power Installation for Ry. Shops, etc.), Transit bldg.
*Bateman & Miller, 145 E 23d
*Bender, Geo., 137 Centre
*Bidstrup, J. F. & Co., 35 Frankfort
*Blackwell, Robt. W. & Co. (Ltd.), (Trolley Roads), 120 Liberty
Bogart, A. L. Co., 123 Liberty
Bohn, C. C., 729 6th av
*Brusseil, Elbert, 15 W 29th
Cleveland & Taylor, 26 Cortlandt
*Coho, H. B. & Co., 149 B'way
*Commercial Construction Co., 1 Madison av
Consolidated Telegraph & Electrical Subway Co., 55 Duane
Cook Electric Co., 41 Wall
*Crocker-Wheeler Co., 39 Cortlandt
Doscher, Arthur E., 142 W 38th
Eaton, S. Edw. & Co., 20 Fulton
Edison-Johnson Electrical Mfg. Co., 59 B'way
Eidlitz, Chas. L., 1133 B'way
Einbigler & Adler, 430 7th av
Electric Construction & Supply Co., 27 Thames
*Electric Light & Railway Equipment Co., 44 Broad
Farron, Peter J. & Co., 70 Warren
Electric Contract Co., 61 Elm
Fieck, Masiin F., 7 Chambers
Fleming, Wilfred H., 123 Liberty
Flucker & Kecdwell, 503 5th av
*Francis Bros. & Jellett (Inc.), (Lighting & Power Plants), 47 E 18th
Fred, Many, 41 Union sq, W.
Galiagher, Cornelius, 412 E 38th
General Electric Equipment Co., 695 Lex. av
*Geneva Electric Equipment & Construction Co., 469 4th av
Goldschmidt, A. L., 1135 B'way.
Graham Bros. Co., 663 Hudson
*Gray, G. R., 183 G'wich
*Gregory, Chas. N., 1193 B'way
*Hadaway Electric Heating & Engineering Co., 136 Liberty
Hall, Jos. P., 22 Thames
Hansman, Wm. S., 54 Union pl
*Hatzel & Buehler, 571 5th av

Herzog Teleseme Co.,
51 WEST 24th STREET,
"UP—DOWN," "MULTIPLE CALL,"
For ELEVATOR SIGNALING.

*Hazazar, E. W., 8 Dover
*Heaton, Edw., 21 Park Row
HERZOG TELESEME CO., 51 W 24th. (See adv. next column)
Hirsch, E. W. Elec. Co., 54 W 28th
*Hoag, P. L., 8 Dover
Hoffman, Jos., 1730 B'way
*Holloway-Irish & Bentz, 136 Liberty
*Hughes, Jas. F., 28 Elm
*IDEAL ELECTRIC CONTRACTING CO., 1133 B'way. (See adv. below)

The Ideal Electric Contracting Co.
WM. E. McKEEN, Manager.
Wiring for Churches and Residences
a Specialty.
St. James Bldg., 1133 Broadway, New York
Telephone 1733 Madison Square.

Israel Co., 2607 3d av
Jordan Bros., 74 Beekman
*Kinsman Electric & Railway Supply Co., 91 Liberty
Knickerbocker Electric Co., 123 Liberty
Levi, Morris & Co., 896 3d av
*McClave-Hamilton & Rimmer, 149 B'way
*McLeod, Ward & Co., 27 Thames
Manhattan General Construction Co., 120 B'way
*Martin Electric Co., 22 Dey
Merritt & Lockwood, 54 W 28th
Moran, Owen, 72 W B'way
*Mowrey, P. M., 335 B'way
*Moxham, Edgar C. & Co., 80 William
*Nelson, John V., 1123 B'way
*Newhall & Co., 20 Broad.
*N. J. Foundry & Machine Co., 26 Cortlandt
*Nimis & Nimis, 1211 Lex. av
Hadaway Electric Heating & Eng. Co., 136 Liberty
N. Y. Elec. Construction Co., 158 E 36th
Oberg & Biumberg, 853 B'way
N. Y. Electric Equipment Co., 572 1st av
Ockerhausen, H. A., 103 E 9th
O. K. Electrical Construction Co., 725 B'way
Ostrander, W. R. & Co., 22 Dey
Palmer & Olson, 210 Centre
Pattengeil, C. E. Son & Co., 116 John
PETTES & RANDALL CO., 150 Nassau. (See adv. index, end of book)
*Pruden, W. Edgar Electrical Co., 861 8th av
Peters, Oscar W., 143 W 67th
Piass, H. E. Electrical Supply Co., 23 Barclay
Randolph & Sulliger, 335 B'way
*Reed & McKibbin (Electric Railways), 29 B'way
*Ripley & Arendt, 24 Murray
*Rositer, MacGovern Electric Co. (Inc.) (Power Plants & Repairs), 17 Battery pl
Rousseau, David, 310 Mott av
Rouquette & Co., 47 Dey
*Ruggles-Coles Engineering Co., 39 Cortlandt
Russell & Co., 341 Columbus av
*Ryan, Geo. E. & Co., 125th & Lex. av
St. Lawrence Construction Co., 40 Wall
*Sanderson & Porter, 31 Nassau
*Saruya Engineering Co., 1080 Lex. av
Schoenberg, R. A. & Co., 346 Columbus av
Selleck, G. H. & Co., 66 W 132d
*Sheehan, W. M. & Co., 136 Liberty
Spencer Electrical Co., 163 G'wich
Standard Underground Cable Co., 35 Nassau
Starratt, W. H. & Co., 31 W 42d
State Electric Co., 309 8th av.
*Strauss Electrical Eng. Co., 54 Maiden la
*Strong & Totten, 123 Liberty
*Stuyvesant Electric Co., 242 4th av
*Swan Electric Co., 176 B'way
Truswell, Wm., 23 Cedar
*Tucker Electrical Construction Co., 35 S William
*United Engineering & Contracting Co., 21 Park Row
United Marine Mfg. & Supply Co. (Marine, etc.), 100 William, New York
Universal Electric Stage Lighting Co., 1395 B'way
Van Wagoner & Linn, 27 W 24th
Waintrob, Jos. S., 280 B'way
Wappler Electric Controller Co., 177 E 87th
Webster, J. M. & Co., 23 Duane
Weiderman & Conklin, 150 Nassau
*Westinghouse, Church, Kerr & Co. (Engineers & Contractors), 8 Bridge
*White, J. G. & Co. (Electric Rys., etc.), 29 B'way

*Whiteley, Alfred, 54 John
Whitney, A. R., Jr., Co., 135 B'way
Whitney, L. A., 83 University pl
Williamson, S. W., White Plains & 5th, W'mbridge
Zindars & Hunt, 127 5th av

Borough of Queens.

CORONA—Reed, Chas. J.
JAMAICA—Macbeth Electric Works
Watts, J. Fletcher
LONG ISLAND CITY—Hill, S. L., 156 Main

(END OF NEW YORK CITY.)

NIAGARA FALLS—*Adams Construction Co.
Lee, J. D.
Oliver, F. W. Co.
Wayman, A. J.
NORTH TONAWANDA—Hewitt, Jas. S.
NYACK—Garner, Howard
PLATTSBURG—Woodward, Fred B. & Co., 30 Clinton
POUGHKEEPSIE—Eddy, Geo. L., 9 Garden
Pease, Edw. K.
*Pickenpack, M. S.
Silvernall, A. D.
ROCHESTER—Atkinson, Thos. W., 12 Front
Bradley, E. C. & Co., 17 Stone
Central Electric Construction Co., 39 Market
Crescent Electrical Mfg. Co., 133 Hudson
Dalgety Electrical Co., N. Clinton st.
Evert, F. H., 96 Baden
*Fish & Horton, 123 Mill
Higgins-Almstead Co., 59 State
Loeffler & Sykes, 16 Front
McDonell & Dumond Co. (Wiring, etc.), 32 East av.
Schmidt, Rudolph & Co., 51 E Main
Schopp, Michael W., 753 Clinton av, N
Snyder, J. B. Supply & Elec. Co., 34 South av
*Standard Elec. Construction Co., 32 N Water
*Standard Electric Signal Co., 107 State
Wheeler-Green Electric Co., 22 N Water
SIDNEY—Susquehanna Valley Electric Co.
SYRACUSE—*Almstead-Gough Electric Co., 333 S. Warren
*Archbold-Brady Co. (Lighting and Railways)
*Central Electric Co., 206 W. Wash.
Chadwick, F. A. & Sons, 211 W. Fayette
*Cornwell, R. M. Co., 416 S Salina
Downes, Edw. S., 102 S. Clinton
*Electric Supply Co. of Syracuse, 105 S Warren
General Electric Co., S. A. & K. bldg.
Gorke, H. J., 216 W. Wash.
Lester, Elisha T., Gridley bldg
Maher, Stephen, 102 Herkimer
Noxon, Chas. P. L., 500 E Water
*Rogers & Hilton, 314 Pearl
Standard Electric Co., The Bastable
Thompson, Chas. H., 220 S Salina
*U. S. Electrical Contracting Co., 212 W Wash'n
Westinghouse Elec. & Mfg. Co., University blk
Williams, Edw., 316 E Water
TROY—*Barnes & Payton
*Bernard, E. G. Co.
Bills, Nelson L., Lansingburg
Brown, Edwin N.
Dorlon, Philip S.
Scott Cycle Co. (Bells, etc.), Lansingburg
UTICA—Ballda, W. C., 50 Lafayette
Bossert Electric Construction Co., 24 Capital av
B. & C. Electric Construction Co., 50 Lafayette
Dent, Matthew F., 81 Wash'n
Johnson & Morton, 44 Whitesboro
*Utica Gas & Electric Co., 86 Lafayette
Wood, Chas. J., 214 Bleeker
WATERTOWN—Bretch & Baltz
Smith Elec. Eng. Co.
Wilson, A. R.
WHITE PLAINS—Haight, L. W.

NORTH CAROLINA.

ASHEVILLE—McKay & Farr
CHARLOTTE—*Alexander, S. B., Jr., & Co.
Drummond Electric Repair Co.
Electrical Construction & Repair Co.
*Smith, S. J. & Co.
*Standard Electric Co.
*Tompkins, D. A. Co.
RAWLEIGH—*Carter, Will J.

NORTH DAKOTA.

FARGO—Bauer, A. F.
Northern Electrical Co.

OHIO.

(See also Electrical Supplies; also Engineers, Electrical.)

AKRON—*Cleveland Construction Co. (Light Power & Elec. R. R.)
Davis, H. C., 103 The Viaduct
Loomis, C. H., 111 W Quarry
Nailler, R. F., 238 S Howard
ALLIANCE—Fuhr, L. A.
ASHTABULA—Graves, F.
BELLAIRE—Bellaire Electrical Co.
CANTON—Forrester, Edwin H.
Keller, J.
CINCINNATI—Beattie Electrical Co., 332 W 4th
Becker, Albert, 8 W 6th
*Carlisle & Finch Co., 231 E Clifton av
Central Electric Co., 709 Main
*Creaghead Engineering Co. (Elec. Rys.), 802 Plum
*Devere Electric Co., 234 W. 4th
Drew, Stanton H., 540 Main
*Electric Railway Equipment Co. (Elec. Rys.), 431 E Front
Electric Storage & Construction Co., 230 Longworth
Electrical Appliance Co., 134 Longworth
Fitzsimmons Telephone Mfg. Co. (Telephone Construction, etc.), 5th & Sycamore
Gerard, Walter, 124 Government pl.
Globe Electric Co., 4th & Main
Hauss, D. J. (Power & Lighting Plants), Mitchell bldg
Hoffmann, Hermann, 1706 Vine
Houlihan, Edward, 1021 Marshall av.
Hunt, Walter D., 407 Elm
Jones & Yount, 534 Walnut
Kelley-Burton Electric Co., 819 Elm
*Lawton Electric Co., 325 W. 4th st.
McGregor, Benj., 600 Main
Mack, E. W., 405 W 5th
Merkhofer Electrical Works, 526 Elm
*Nowotny, Jno. S., Electric Co., 105 E Pearl
Reuter, Wm. C., 25 E 6th
Richter, Herman, 614 Central av.
Ritter Electrical Co., 200 Sycamore
Schopper, F. D., 512 Race
*Schulman, A. S., Perin bldg
Stenger, E. H., 715 Vine
Stenger, Fred, 1333 Main
*Stewart Electrical Co., 311 E. 5th.
*Stewart, Jno. A. Electrical Engineering Co., 430 Sycamore
*Sullivan, G. W. & Co. (Repairs, etc.), 118 Longworth
Triumph Electric Co., 610 Baymiller
CLEVELAND—Adams, Ira, Central Trust bldg
Bartlett Electric Co., 492 Pearl
Cohen Electric Co., 92 Euclid av.
*Dainz Electric Co., 108 Prospect
Dittrick, Alva R., 1821 Loraln
*Electric Controller & Supply Co., Central av, c Gliddings av
Electric Repair & Construction Co., 40 Sheriff
*Elliott, S. K., Blackstone bldg
*Elwell-Parker Electric Co. of Am., 1066 Hamilton
Enterprise Electrical Co., 1225 Euclid av
*Erner Electric Co., 62 Public sq
Euclid Avenue Electric Co., 1195 Euclid av
Excelsior Electric & Mfg. Co., 347 Huron
*Ford, Edw. S., Wade bldg
Forest City Electric Co., 111 Windsor av
Graves, W. D. Electric & Machine Co., 19 Michigan
Gunton & Slayton, 122 Water
Jandus Electric Co., Wade bldg.
*North Electric Co., 157 St. Clair
*Ohio Electrical Works, 76 Ellen
Pelton Engineering Co., 26 Merwin
Thomas & Dietz, 74 Frankfort
Van Dorn-Elliott Electric Co., 1796 E. Madison av.
Victor Electrical Co., 436 Belden.
Warner Electric Cons. Co., 70 Frankfort.
Williams-Abbott Electric Co., 10 Columbus
Williams Electric Co., 78 Seneca
Williams, E. G. Electric Works, 145 Quincy
Williams Pub. & Electric Co., 237 St. Clair
Wingate & Brooks, 53 Public sq
COLUMBUS—*Buckeye Electric Repair Works, 108 W Spring
Correll Electric Co., Eberly bldg
*Electric & Supply & Construction Co., 80 E Gay
Erner-Hopkins Co., 370 N High
Hutchinson Electric Co., 247 E Long
Judd & Judd, 327 E Long
Knoderer, F. H., 315 S 3d
*Lillie & Pugh, 47 S. Grant
Nicholas, C. E., 47 Columbia bldg
Pixley Electrical Co., 72 N. High
*White, R. M., 25 N High
CONNEAUT—Henderson & Shoupe
DAYTON—*Dayton Electrical Mfg. Co. (Power & Light), 38 S St. Clair
Butterworth & Gayton, 17 W 2d
Dayton Storage Battery Co., 29 E 2d
Dodds, Jas. T., 11 S Main
Hall, Wm., 14 W 2d
Kiefaber Electric Supply Co., 45 W 4th
Sterling Electric Motor Co., Forest av & Tehman
*Thresher Electric Co., Callahan Power blk
Tyson, Chas Q., 26 N Jeff.
E. LIVERPOOL—Ohio Electric Co.
ELYRIA—*Ely Realty Co. (Power & Light)
Elyria Plumbing, Heat & Electric Co.
HAMILTON—*Anness, Wm.
Duersch Cycle Co.
Hermann, Edw. H.
LIMA—Angell, C. W.
*Markel Co.
MANSFIELD—*Lorenz, Wm.
MARIETTA—Sprague, B. S.
NEWARK—Banton, A. L.
PORTSMOUTH—Portsmouth Electric Supply Co.
SEBRING—McKee, S. E.
SIDNEY—Hester, Chas. R.
*Koh, Louis, Jr.
SOUTH CHARLESTON—Miami Construction Co.
SPENCERVILLE—Benedum & Sisler
SPRINGFIELD—*Electrical Construction Supply Co.
Gross, Alpha, 71 W Main
Lessner, Jos. S., 34 N Center
*Robbins & Meyers Co.
Vanderpool, D., 12 E High
TIFFIN—Baxter & Brown.
TOLEDO—Eddy & McCall, 331 The Nasby
Fowler, H. R., 237 Cherry
Grah, Emil, 1310 Adams
Hansen, M. W., Chamber of Com.
Kemmerlin, Edw., 2349 Vermont av
Miller, R. R., 1604 Milburn av
*Nagel, W. G. Elec. Co., 520 Adams
*Star Electric Co., 323 Adams
Tipper & Fisher, 640 Federal
Toledo Electrical Repair Co., Law bldg
Williams & Meyers, 908 Monroe
YOUNGSTOWN—Central Electric Construction Co.
Electric Supply & Construction Co.
Mallory, W. H.
*Youngstown Engineering Co. (Mechanical)
ZANESVILLE—Zanesville Electrical Co.

OREGON.

ASTORIA—*Astoria Elec. Supply Co.
BAKER CITY—Brink, Paul.
EUGENE—*Frazer, G. W.
PORTLAND—*General Electric Co., 541 Worcester blk
*Northwest Electric Engineering Co., 124 st.
*Portland Electrical Works, 353 Stark
Western Electric Works, 305 Wash.
SALEM—Knox & Murphy

PENNSYLVANIA.

(See also Electrical Supplies; also Engineers, Electrical.)

ALLEGHENY—Allegheny Electrical Construction Co., Lacock & Sandusky
Daum, Albert F., 519 2d
Diamond Electric Co., 610 E. Diamond
Goettmann, Oscar J., 869 Liberty
Keystone Elec. & Mfg. Co., 112 Sandusky
Sawyer-Mann Electric Co., 125 Robinson
Schoenman Electric Mfg. Co., 112 Sandusky
Stimple & Ward, 817 W. Diamond
ALLENTOWN—*Misslmer, C. E.
Smith, Harvey, H. C.
Star Electric Co.
*Wieand, U. H., 542 Hamilton
ALTOONA—*Altoona Electrical Engineering & Supply Co.
ASHLAND—McConnell & Bro.
BETHLEHEM—Hill, G. E.

BRADDOCK—Randolph Electric Co.
CATASAUQUA—Morrison, Wm. M.
CHAMBERSBURG—McGrath, Geo.
*Schaff, Jacob G. Elec. Co. (Power & Lighting)
CHARLEROI—Lucas, W. G.
CHESTER—Buck, Wm. T.
Burk, E. Stanton
Harrison, Jno.
COLUMBIA—Bruner & Kerner
CORAOPOLIS—Ferree, R. M.
DELTA—Moore, J. T.
DUBOIS—Dubois Electric Co.
EASTON—Dewson, Jno. A.
EMAUS—Wienand, U. H.
ERIE—Douglass, F. A., 719 Peach
Electric Equipment Co., 28 N. Park
Erie Mfg. & Supply Co., 1207 Peach
*Keystone Electric Co., 12th & Cranberry
Pudenz, Henry, 32 E. 18th.
Standard Electric Co., 519 Myrtle
FRANKLIN—Corrin, W. H.
HARRISBURG—Central Electric Co.
HAMBURG—Bower, Fred. M.
Schwemmer Bros.
HAZLETON—Hazleton Plumbing & Steam Heating Co.
HOMESTEAD—Grace, A. J. & Co.
Homestead Electric Supply Co.
KANE—Kane Electric Supply Co.
KITTANNING—Anderson, F. W.
LANCASTER—Boardman & Co.
*Deen & Schaum, 11 E Orange
Grasnick, Hugo M., 155 E King
Heiss, Harvey L., 88 W Orange
LANSDOWNE—Simons, Edw. L.
LEBANON—*Lebanon Electric Co.
LOCK HAVEN—*Lock Haven Electrical Supply Co.
M'KEESPORT—Dunshee Electric Co.
*Holland, C. C.
Oberlin Electric Co.
MANHEIM—*Bailey, F. E. & Co.
MORTON—Worrell Electric Co.
Young Bros.
NAZARETH—*Gas & Electrical Equipment Co.
NEW CASTLE—New Castle Electric Co.
Price, J. A.
Woodworth, H. E.
NORRISTOWN—*Crisman & Quillman
Norris Electric Co.
OIL CITY—*Corrin, W. H.
OVERBROOK—Mackellar, Herbert
PHILADELPHIA—American Electrical & Maintenance Co., 38 N 4th
Arnold, M. E. & Co., 1213 Filbert
Baer, Alex., 458 N 7th
*Bareford, S. A., Jr., Drexel bldg
Barker, John, Jr., 1512 Fountain
Baseler, Benj., 917 Arch
Beaumont & Co., 224 S 40th
Benson, Wm. W. & Co., 1001 Chestnut
Bloomingdale, Alfred M., 4 S 3d
Blundin & Jones, 1414 S. Penn. sq.
Boyle, R. C. & Co., 4603 Fkd. av
Brown, Jas. & Son, 207 Wood
Brown, J & Co., 3016 N. Marvine
Brubaker, G. S. W., Witherspoon bldg
*Buchanan, J. F. & Co., 36 N. 4th
*Burk & Whittle, 26 N 7th
*Campbell, W. R., 926 Sansom
Cassin, Anthony W., 3046 Hartville
*Central Electric Co., 13 N 13th
Cheyney, W. I., 1217 Filbert
Cope, Thomas J. & Co., 136 S. 4th
Courtney & Righter, 5853 Gtn av
Courtney, F. K., 5853 Gtn av.
Crowell & Son, 2203 Columbia av.
Culbert, E. H., 704 Cambria
*Culin, F. A. & Son, Provident bldg
Currier, Eugene, 8519 Gtn. av
Dent, Christopher, 2630 Oxford
Dodson, Ulysses G., 5928 Haverford
Dodge, Walter D. C., 4529 Springfield av
*D'Olier Engineering Co., 125 S 11th
Drake, Frank S., Real Est. Trust bldg.
Eastern Electrical Construction Co., 114 N Broad
*Electric Construction & Maintenance Co. of America, 1328 Arch
*Electro-Dynamic Co. of Phila., 224 Ionic.
Electric Power Development Co., 3728 Mt. Vernon
Elkins & Co., 1940 Gtn. av
Engle, Alvin H., 1811 Fairmount av
Entrekin, S. W., 1226 Oxford
*Evanson, Geo. T. & Co., 625 Commerce
Fisher Wager, Croyer bldg.
Fifer, Jesse R., 2144 E. Norris
*Francis Bros. & Jellett (Inc.), (Lighing & Power Plants), 245 N Broad
Galvani Electrical Construction Co., 839 Market
Germantown Electric Contracting & Supply House, 4340 Gtn av.
Free, W. Willard, N 56th & Haverford
Gentel & Miller, 1505 Columbia av
Gifford & Henry, 15 S 3d
*Gill & Co., 1120 Chestnut
*Girard Machine Works (Inc.), (Power, Plants, etc.), 2616 Girard av
Glenn, Frank F., 410 Market
*Grauch, Jno. F., Bourse bldg
Halstead, David, Fidelity bldg.
*Heinemann, Geo. & Co., 737 Girard av.
Henry, Chas. L., 2318 S 17th
Henssler, Herman, 906 N 13th
Heritage, F. Edwin, 2420 Poplar
Higgins, Harry, 2928 Poplar
Hild, Gereon I., 969 N 10th
Hochrath, F. H., 421 Chestnut
Hohn, C. H. & Co., 140 N. 9th
Holm, Chas. H. & Co., 4123 Lancaster av.
Imperial Electric Co., 28 N. 7th
*Kates, L. S., 1022 Arch
*Keller, Pike & Co., 112 N 12th
Kensington Electric Construction Co., 309 Berks
Kensington Electric Co., 2514 Frankford av
Kensington Electric & General Repair Co., 106 Diamond
Kenyon, F. C., 1840 Columbia av.
Kenyon, S. F., 25 S. 16th
Kerst, Jno. M., 1721 Susq'ha av.
*Killion, W. F. & Co., 1215 Filbert
King, Clarence P., Real Estate Trust bldg
Kunzig, H. J., 1372 Beach.
Landis, Clayton, 251 N 5th
*Leng, Chas. W., 1556 E Montgomery av
List, Lewis, 520 N 37th
Loesch, Chas. A., 1714 N 12th
McCormack, Jas., 8229 Gtn av.
*McIntire, Walter C. & Co., 506 Commerce
Mack, Jos. B., 406 N. 59th
Mackeller, Herbert, 2125 N. 63d
Marsh, Loan J., 1835 Market
Merchants' Construction Co., 44 N 4th
Messner, W., 3704 N Broad
Miller, H. B., 922 Huntingdon
Miller, Jno. H., 731 Ludlow
*National Electrical Co., Heed bldg
*National Electric Appliance Co., 615 Walnut
*Novelty Electric Co., 50 N 4th
*Nusbaum, Elias, 1720 Sansom
*Parker, Jos. E., 44 W. Chelten av, G'tn
*Penn State Construction Co. (Railway & Lighting Plants Complete) Drexel bldg.
Penna Equipment Co., Real Est. bldg.
Perkins, Wm. C., 823 Cumberland
*Phila. Electric Construction Co., 1215 Filbert
*Phila. Electric Service Co., 1109 Arch
Pratt, E. J., 1215 Filbert
*Quaker City Electric Co. (Inc.), 2036 Lippincott
Reid, Wm., 923 Indiana av
Rhodes, Ralph, 808 N 17th
Richter, Eugene L., 1914 Columbia av.
Royal Electric Co., 114 N. 6th
Rudolph, Walter, 1129 Arch
*Rumsey Electrical Mfg. Co., 1211 Filbert
Sachsenmeir, Geo., 1220 Filbert
*Shean, John, Lippincott bldg
Shemp, J. C., 1425 N. 10th
Shetyline, W. F., 1504 Sansom
*Smethurst & Allen (Specialty Elec.), North American bldg
Smith, Wm. J., 1604 Summer
Spruin, Wm., 2014 Gtn av.
*State Construction Co. (Complete Light & Power Plants). Land Title bldg.
Steiner Electrical Co., 723 Walnut
Stanley Electric Mfg. Co., 26 S 15th
Strang, R. C., 723 Walnut
Stirling, Heber W., Media & Peach
Sullivan, Geo. H., 1827 N 28th
Supplee, Harry S., 1033 Market
Swayze, H. B., 1726 N 22d
Taylor, John A., Oak lane n N 8th
Thornley, Wm., 1203 S. 18th
Thwaits & Horner, 1215 Filbert
Tull, Chas. E., 128 E. Chelten av.
Union Electric Construction Co., Phila. Bourse
Vallee, Jno. E., 2014 Gtn av.
Vogel, Jno. C., 714 N 24th
Walker, Isaac A. & Son (Elec. Railway, etc.), 1217 Stephen Girard bldg
Wilson, Harper, 2114 N. Warnock
Wolf, Henry W., 2232 N Reese
Work, R. W., 1413 Ellsworth
Worrall & Sechrist, Lippincott bldg.
Worrell Electric Co., 124 N 7th
Worstall, Alfred M., Witherspoon bldg
Yearsley, Thos., 140 N. 3d
PITTSBURG—Axtheim Electric Co., 417 Wood
Brady, Frank, 5934 Broad
Bream, H. H. & Co., 708 Penn av.
*Brown, Jas. & Son, 207 Wood
Bullock Electric Mfg. Co., of Cinn., O., 207 Lewis blk
*Carter Electric Co., Arrott bldg.
Clayton Electric Co., 407 4th av.
Crescent Electric Repair Co., 3007 Liberty av
Doubleday-Hill Electric Co., 535 Wood
Eldridge, Albert E., 136 9th
Evans-Becker Electric Co., Park bldg.
Evans, G. T. & Co., 207 7th
Evans, Wm. A. & Bro., 117 Water
Farrell Bros., 1139 Penn av.
Fisher Electric Co., 438 4th av.
Fort Pitt Electric Co., 146 6th
Fort Wayne Electric Work, 902 5th av
Frey, Jno. C., 144 S. Highland av.
*Fullman Co., 3d & Penn av
*General Electric Co., Tradesman's bldg.
*Hays, Jas. W. (Isolated Plants, Pole Lines, Mine Work, etc.), 341 5th av
Hill; Chas. K., 701 Liberty av.
*Iron City Engineering Co. (Power, Light, etc.), Frick bldg
*Keystone Engineering Co., Bijou bldg.
Kossler, Frank W., 208 S. Main.
*Lawrence Electrical Co., 1018 Penn av.
Martin, L. G. Co., 530 Grant
Mathieu, Geo. R., 6000 Hoeveler, E. E.
*Miller Electrical Construction Co., 347 5th av.
Miller, J. C., 407 4th av.
Munson Electric Co., 6013 Center av.
*Orr & Howe Electric Co., 256 5th av
Peacock, Thos., McClintock bldg.
Penn Incandescent Light Co., 1334 5th av
Penna. Electrical & Railway Supply Co. (Specialty Repairs), 3d & Penna. av
Pinkham Electric Co., 531 Smithfield
*Pittsburg Electrical Machine Works, 2 Barker pl
*Pittsburg Engineering Co. (Power & Lighting Plants), Keystone bldg
*Redding Engineering Co. (Complete Lighting & Power Plants), Keystone bldg
S. B. Construction Co., 1205 Grandview av
Sheppard, Jos. W., 236 4th av
Sheridan Electric Co., 317 Water
Snyder, Wm. J., Jr., 347 5th av.
Sommerfeld, R. G., 224 3d av
*Springer & Patterson, 218 Ferguson blk.
Steele, R. A. M., 128 S. Highland av.
*Union Electric Engineering Co., 424 4th av
Wagner Electric Mfg. Co. of St. Louis, Mo., Lewis blk.
*Westinghouse, Church, Kerr & Co. (Engineers & Contractors), Westinghouse bldg.
POTTSTOWN—Roeller, Wm. H. & Co.
POTTSVILLE—Argall, S. J.
READING—*Arrowsmith Electric Co., 446 Penn
*Electrical Equipment Co., 526 Court
*Reading Electric Co., 9 N 5th
Reading Electrical Supply & Construction Co., 641 Penn
SCRANTON—*Harvey, Wm. A., 309 Commonwealth bldg
Hutton & Kiple, Commonwealth bldg
Lackawanna Electrical Works (Repairs, etc.), 126 N Wash'n av
Richards Bros., Masonic bldg
Scranton Electrical Construction. Connell bldg
*Scranton Electrical Works, 500 Lackawanna av
Union Electric Co., Connell bldg
Wade, Frank E., 313 Mad. av
SHAMOKIN—*Central Electrical Supply Co.
SHARPSBURG—Meyer, W. C. & Son
SOUTH BETHLEHEM—Drumbor, C. E.
SPRING CITY—Heck, Harvey
TATAMY—Dufford, Wm. H.
UNIONTOWN—Walters, Geo. E.
VANDERGRIFT—Breig, Geo. F.
WARREN—Peabody, G. W.
WILKESBARRE—*Hessel, Lewis & Co.
*Rice, Jos. S.
*Roth, Ernest T.
Shepherd & Rust
WILKINSBURG—Peler, Adolph
WILLIAMSPORT—*Moltz, Jerome (complete Light & Power Plants)
Myers, Wm. A.
Prior & Sallada
*Williamsport Electrical Co.
YORK—*Graybill, Jno. E.

RHODE ISLAND.

NEWPORT—Rogers, Ralph P.
PHENIX—*Hoxie, F. J.

PROVIDENCE—Arnold, Chapin T., 107 Westminster
*Boston Electric Co., 333 Westminster
*Bowen Electric Co., 58 Point
*Doetzert, A. J. & Co., 27 Westminster
Electrical Wiring & Repairing Co., 49 Beaufort
Ferris & Salesbury, 54 N Main
Gannett Electrical Co., 90 Weybosset
Hopper & Jenney, 357 Westminster
Huse, W. A., Brownell bldg
Martin, H. G. & Co. 196 W Exchange
Payson, Stephen R., 75 Westminster
Rhode Island Telephone & Electric Co., 24 Calender
*Reuterdahl Electric Co., 67 Friendship
*Rust, Herbert B. & Co., 86 Weybosset
*Scannevin & Potter, 24 Page
*Spiller, Burnham Electric Co. (Engineers & Contractors), Banigan bldg
Thurston, Geo. H. & Co., 63 S Main
Walter, Geo. A., 101 Sabin
WAKEFIELD—Price, Edw. E.
WOONSOCKET—*Woonsocket Electric & Machine & Power Co., 61 Front

SOUTH CAROLINA.

AIKEN—Rothrock, W.
CHARLESTON—*Electrical Supply Co.
Leamond, Fred'k
MacMillan, Jno.
O'Connor, J. C.
Richardson, C. E., 154 Meeting
COLUMBIA—*Cotton States Electric & Machine Co.
Perry, Wm. M.
GEORGETOWN—Ingenan & Bryan.

TENNESSEE.

CHATTANOOGA—*Charleston Electrical Cons. Co., 227 King
Steffner, Frank, 816 Georgia av
*Sweet, Frank P., 12 E 9th
Teas, W. C.
Terrell, H. T. & Co.
DYERSBURG—Blake, C. E.
JACKSON—Anderson, G. C. & Co.
KNOXVILLE—*Knoxville Electric Co.
Southern Brass & Iron Co.
MEMPHIS—*Bailey, J. A. & Co., 2d & Union
Browne & Borum Co., 254 2d
Electric Novelty Co., 43 Monroe
Electrical Supply Co., 298 2d
Richmond Bros., 41 Monroe
Roberts, J. N. & Co., 328 2d
*Robinson & Co., 65 Jefferson
Slater, Wm., 59 Court
Tisdale, Lew & Co.
NASHVILLE—Baine, M. T., 315 N Summer
Braid Electric Co., 234 N Market
Chester, J. W. & Co., 114 N College
Grewar, Wm. H., 606 Broad
Herbrick, Lawrence & Finnegan, 607 Church
Pentecost & Carter, 429 N Cherry

TEXAS.

AUSTIN—Austin Electric Supply Co., 703 Congress av
Burke, W. A., 814 Congress av
BEAUMONT—Ott, C. J. & Co.
Tuggle, Geo. W.
DALLAS—*Clower, W. M., 310 Commerce
*Dillon Machine Co., 109 S Market
Eagan, Geo. H. & Co., 291 Main
*Hunter, J. Peyton, 192 Main
*Liscomb & Garrett, 293 Main
McElroy & Sterrett
*Southwestern Electrical Engineering & Cons. Co., 177 Main
*Sutton-Steele Electrical Mfg. Co., 194 Jefferson
*Wolfe, Merrill P., 175 Main
EL PASO—Electric Machine Co.
GALVESTON—Barden-Sheets Electrical Cons. Co., 2207 Mechanical
Rutledge, Thos. J., 3550 O
Young & Cohen, 2109 Post Office st
HOUSTON—Arnold & Wethenbee, Binz bldg
*Barden Electric Machinery Co., 109 Main
Cramer & Rosenthal, 1010 Prairie av
Hurlburt-Still Electrical Co., 1015 Prairie av
Jones, Fred A., Binz bldg
Miller, Louis E., 1210 Congress av
SAN ANTONIO—Kearney, Stephen W.
Shafer, A. Harper
Southwestern Electric Co.
WACO—Berstron, J. L.
*Electrical Construction Co.
*Hobson, C. W. (Power & Light, etc.)
*Provident Electric Co.
*Waco Electric Supply & Plumbing Co.

UTAH.

OGDEN—Ballantyre, Brig., 2524 Wash'n av
Smyth Bros., 2649 Wash'n
SALT LAKE CITY—Farrell, J. W. & Co.
Inter-Mountain Electric Co., 45 E 1st, S
Salt Lake City Electric Supply Co., 15 W 1st
Trent, L. C. & S. V., 208 S West Temple
Utah Elec. & Supply Co.

VERMONT.

BELLOWS FALLS—Bellows Falls Electric Light Co.
BRATTLEBORO—*Vaughan-Sargent Electric Co.
BURLINGTON—Poland, Jno. B., 156 Bank
*Sherwin, Geo. D., 102 Church
MONTPELIER—Viles Electric Co.
READSBORO—Crosier, Frank
ST. ALBANS—Lewis, E. H.

VIRGINIA.

CHARLOTTEVILLE—Sparks, H. B.
DANVILLE—*Standard Electric Co.
NEWPORT—Hardy Bros. Co.
NORFOLK—Chesapeake Construction Co., 10 Brewer
Henry, E. M. & Co., 33 Bank
Lang, A. H. & Co., 174 Bank
Smith, Jno. W., 58 City Hall av
*Norfolk Electrical Co., 82 Bank
Standard Electric Co., 85 Commerce
Steinhilber, Bernard, 31 Cumberland
RICHMOND—Catlett & Taylor, 602 E Elm
*Electric Construction Co. of Va., 8 S 9th
Jacobs, F. Boykin, 802 E Main
Johnston, Louis J. & Co., 6 S 7th
*Tower-Binford Electric & Mfg. Co.
*Winston Elec. Cons. Co., 17 N 7th
ROANOKE—Mackay, W. H. & Co.
STAUNTON—Augusta Elec. Supply Co.
Templeton, Jos. & Son
WEST POINT—Ketcham, J. B.

WASHINGTON.

EVERETT—*Everett Electrical Cons. Co.
Groger & Rogers
SEATTLE—Bennett, F. A.
Electric Construction Co.
*Erickson & Wyman Co.
Electrical Engineering Co.
*Kilbourne & Clark Co. (Power & Lighting)
*Seattle Electric Co.
Southern Electrical Co. (of Los Angeles, Cal.)
SPOKANE—*Doerr, Mitchell & Co.
*Washington Water Power Co.
TACOMA—*Bowie-Love Co.
*Electric Engineering & Cons. Co.
*Lauders & Cootes
Sherman, N. G.
*Tacoma Electrical Cons. Co.

WEST VIRGINIA.

BLUEFIELD—Mehane, T. H. & Co.
CHARLESTON—*Michaelson, O. H.
FAIRMOUNT—Mayers & Co.

WISCONSIN.

APPLETON—Kurz & Root
Langstadt & Meyer
Peterson, J. A.
ASHLAND—Perrin, C. F.
BELOIT—Flint, Jas. & Co.
Wheeler, W. H. & Co.
GREEN BAY—Le Clair Bros.
*Munger, E. T.
FOND DU LAC—Wallich, H. L.
GRAND RAPIDS—Huntington, Geo. M.
HARTFORD—Hartford Elec. Co.
*Munger, E. T.
HUDSON—*Wangsgard, Christ.
JANESVILLE—Klein, H. C.
Messer, C. H.
LA CROSSE—Benton, Thos. P. & Son
MADISON—Brass & Quinn
Eastman, Fredk. R.
Harloff, Paul F.
MILWAUKEE—Blomkun Electric Co., 150 Reed
Boehland, Paul & Co., 1418 Green Bay av
Boettger & Wittig, 393 3d
*Browning Mfg. Co., 482 Clinton
Dewey, Robt. B., 232 W Water
Fischer, Aloysius J., 356 Clinton
*Keelyn & Smith, 169 W Water
*Mechanical Appliance Co. (Power, etc.), 708 Hanover
*Meyer, L. A. Co., 450 E Water
Milwaukee Commutator Co., 222 S. Water
*Milwaukee Electric Co., 58th & Greenfield av W A
Peterman, Albert, 14 Wells
Reliance Electric Co., Lake & S. Water
Roettger & Wittig, 393 3d
*Rohn, Geo. F., 88 Mason
Schmidt, Albert R., 461 B'way
Wailber, Otto J., 37 Oneida
*Wisconsin Electrical Construction Co., 460 B'way
MINERAL POINT—Wells, H. S.
REEDSBURG—Clark, Chas. A.
WAUSAU—Wausau Plumbing, Heating & Electric Co.

WYOMING.

BUFFALO—Buffalo Mfg. Co.

Electrical Supplies

See also Electrical Contractors.
Also Engineers, Electrical.

(For all other Electrical Specialties See Index of Contents.)

ALABAMA.

BIRMINGHAM—United Electric Co.

CALIFORNIA.

LOS ANGELES—Hutchison, W. G. Co.
Woodill & Hulse Electric Co.
OAKLAND—Crescent Electric Co.
Oakland Electrical Co.
SACRAMENTO—Electrical Supply Co.
SAN DIEGO—Hartwell, F. S.
SAN FRANCISCO—Brooks-Follis Electric Corporation, 527 Mission
California Electrical Works, 547 Mission
Day, Thomas Co., 719 Mission
Dunham, Carrigan & Hayden Co., 17 Beale
Eccles & Smith Co., 91 Fremont
Electric Railway & Mrfs.' Supply Co., 68 1st
General Electric Co., 317 Crossley
Hetty Bros., 124 Eddy
Klein, John M., Electrical Works, 107 Battery
Martin, John & Co., 83 New Montgomery
Marwedel, C. W., 58 1st
Seiler, Paul, Electric Works, 408 Market
Wass, D. D., 36 East st., south

COLORADO.

DENVER—Carstarphen Electric Co., 1522 Court place
Denver Novelty Works & Electric Co., 1518 Lawrence
Flint-Lomax Elec. & Mfg. Co., 1400 Delgany
Mountain Electric Co., 1619 Glenarm
Sechrist, Albert, Mfg. Co., 1033 16th
Silver State Electric Co. (Machinery), 214 15th

CONNECTICUT.

BRIDGEPORT—Bryant Electric Co., 1405 State
Perkins Electric Switch Mfg. Co., 1405 State
HARTFORD—Francis & Co.
Hartford Electric Supply Co.
WATERBURY—New England Engineering Co.

DELAWARE.

WILMINGTON—Delaware Electric & Supply Co.
Garrett, Miller & Co., 4th & Orange

DISTRICT OF COLUMBIA.

WASHINGTON—Du Perow, Mortimer, 1422 Pa av, N W
Muddiman, C. A. & Co., 616 12th N. W.
National Electrical Supply Co., 1330 N. Y. av, N W

FLORIDA.

JACKSONVILLE—Florida Electric Co.

GEORGIA.

ATLANTA—Adams-Bagnall Electric Co.
B. R. Electric Co.
Campbell Electric Co., 18 E Mitchell
Carter & Gillespie, 40 N Broad
COLUMBUS—Hill Electric Co.
MACON—Putzel, Morris

ILLINOIS.

CAIRO—Reed, James B.
CHICAGO—Austin, M. B. & Co. (Mfrs.' Agent), 56 W Van Buren
Central Electric Co. (Wholesale Jobbers), 266 5th av
Chicago Edison Co. (Wholesale Jobbers), 139 Adams
Dearborn Electric Co., 124 W Jackson boul
Electric Appliance Co. (Wholesale Jobbers), 92 W Van Buren
Garton, W. R. Co., 132 W. Jackson boul
General Electric Co., Monadnock bldk
Illinois Electric Co. (Wholesale Jobbers), 239 Madison
Kohler Bros. (Electric Machinery, etc.), Fisher bldg
Manhattan Electrical Supply Co. (Mfrs. & Jobbers), 188 5th av.
Metropolitan Electrical Supply Co., 184 E Lake
Porter & Berg, 303 Dearborn
Railroad Supply Co. (Railroad, etc.), Bedford bldg.
Western Electric Co. (Mfrs. & Wholesalers) 259 S Clinton
JOLIET—Barber, William C.
PEORIA—Central Electric Co.
Feger, I. N.
Wheelock, C. E. & Co. (Fixtures)
QUINCY—Tenk Hardware Co.
SPRINGFIELD—Scholes, J. B.

INDIANA.

EVANSVILLE—Heiman, David, Jr., 215 W 1st
Swanson, Albert L., 316 W 2d
FORT WAYNE—Edmunds Electric Construction Co.
INDIANAPOLIS—Sanborn-Marsh Electric Co., S W Market
Varney Electrical Supply Co., 235 S Meridian
MARION—Gillespie, L. W. & Co. (Complete Outfits for Small Lighting Plants, etc.). 235 S Meridian

IOWA.

CEDAR RAPIDS—Fawcett, C. E.
DAVENPORT—Tri-City Electric Co.
DES MOINES—Tri-City Electric Co.
KEOKUK—Garton-Daniels Co.

KENTUCKY.

LOUISVILLE—Clark, James, Jr., & Co. (Jobbers & Mfrs.), 313 W Main
Tafel, Herman C., 254 W Jeff.

LOUISIANA.

NEW ORLEANS—New Orleans Electric Co, 616 Commercial pl

MAINE.

PORTLAND—Cleveland, L. W. Co.
York & Boothby Co.

MARYLAND.

BALTIMORE—Colc, Wm. H. & Sons, 13 S Charles
Electrical Material Co., 221 N Calvert
Elinc, J. Frank & Co., 227 N Frederick
General Electric Co., 227 E German
Maryland Electrical Supply Co.
Murphy, E. Vernon & Co., 326 N Calvert
Southern Electric Co., 351 N Calvert
Viaduct Mfg. Co., 10 S Howard

MASSACHUSETTS.

BOSTON—Bernstein Electric Mfg. Co., 286 Roxbury
Boston Electric Co., 29 Harrison av
Brown & McLain, 141 Federal
Brown-Wales Co., 83 Purchase
Clifton Mfg. Co., 220 Devonshire
Cramphorn, F. W., 491 Atlantic av
Diehl Mfg. Co., 128 Essex
Electric Gas Lighting Co., 115 Purchase
Fuller, Seth W. Co., 185 Devonshire
General Electric Co., 83 State
Gleeson, Thomas W., 106 Sudbury
Hale & Codman (Mfrs.' Agents), 220 Devonshire
Jackson, Howard, 79 Franklin
Jewett, J. D. Co., 168 Wash.
Knowles, Charles S., 7 Arch
Marshall, Sanders Co., 301 Congress
Pass & Seymour, 200 Summer
Pettingell, Andrews Co. (Wholesale Jobbers), Pear & Atlantic av
Railroad Supply Co., Exchange bldg.
Ridlon, Frank Co. (Trolley Line), 200 Sumner
Russell, Jas. L. & Co., 170 Summer
Scars, H. D., 131 State
Stuart-Howland Co. (Wholesale Jobbers), 279 Devonshire
Wilkinson, Jas. & Co., 20 Hawley
Ziegler Apparatus Co., 200 Summer
LOWELL—Derby & Morse, 68 Middle
Tucke & Parker, 79 Middle
LYNN—Gilson, Hatch & Co.
Sampson & Allen
NEWBURYPORT—Chase-Shawmut Co.
SPRINGFIELD—Carter Electric Co.
Hayes, Chas. E.
TAUNTON—Pierce Hdw. Co., Union blk.
WORCESTER—Berg Bros., 841 Mulbury
Page Electric Co., 24 Pearl

MICHIGAN.

DETROIT—Commercial Supply Co., 104 Wayne
Electric Supply & Engineering Co., 77 Bates
General Electric Co., 1441 Majestic bldg
Michigan Electric Co., 77 Bates
Muir, Thomas & Son, Union Trust bldg.
Seidler-Miner Elec. Co., 207 Jeff. av.
Walker, H. L. Co., 40 Larned E.
GRAND RAPIDS—Grand Rapids Electric Co.
Wheeler, M. B., Electric Co.
SAGINAW—Electric Supply Co.

MINNESOTA.

DULUTH—Burgess Electric Co., 312 W. 1st
Northern Electrical Co., 20 3d av
MINNEAPOLIS—Electrical Engineering Co. (Wholesale & Retail), 248 Hennepin av.
Minneapolis Elec. & Construction Co., 15 S 4th
ST. PAUL—American Electric Co., 56 E. 6th
Nimis & Nimis, 59 E. 5th
Northwestern Electric Equipment Co.
St. Paul Electric Co., 135 E. 5th

MISSOURI.

KANSAS CITY—B. R. Electric & Telephone Mfg. Co., 2250 Main
ST. JOSEPH—American Electric Co., 218 S. 7th
Columbian Electrical Co., 819 Francis
ST. LOUIS—Abadie, E. H. & Co., National Bank of Commerce bldg
Commercial Electrical Supply Co. (Wholesale Jobbers), 1007 Market
Eclipse Electrical Co., 1124 Pine
Emerson Electric Mfg. Co., 2030 Wash'n av
Lindsey, H. E. Electrical Supply Co., 1007 Locust
Moloney Electric Co., 7th nw. c. Hickory
Rumsey & Sikemeier Co., 19th & Pine
St. Louis Electrical Supply Co. (Wholesale Jobbers), 1108 Pine
Western Electric Co. (of Chicago), 810 Spruce
Western Electrical Supply Co. (Wholesale Jobbers), 1107 Chemical bldg

MONTANA.

ANACONDA—Anaconda Copper Mining Co.
BUTTE—Montana Electric Co.

NEBRASKA.

OMAHA—Lehmer, Jos. R., 1218 Farnam
Western Electrical Co., 1212 Farnam
Wolfe-Lovett Electrical Co.

NEW JERSEY.

NEWARK—Heck, Louis, 35 N J R R av.
McIntire, C. Co., 13 Franklin
Roe & Conover, 202 Market

NEW YORK.

ALBANY—Ball, H. D., 14 James
BUFFALO—Robertson Electric Co., 190 Main
Sterns, J. & Co., 259 Pearl
Robertson Electric Co., 190 Main
Sterns, J. C. & Co., 259 Pearl
COHOES—Clute Bros.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Brooklyn Electrical Supply Co., 56 Myrtle av
Kiley, Thos. W. & Co., 57 Grand

Boroughs of Manhattan & Bronx

NEW YORK—American Union Electric Co., 15 Cortlandt, N. Y.
Bunnell, J. H. (Jobbers), 20 Park pl.
Clifton Mfg. Co., 308 West
Eastern Electrical Supply Co., 42 Vesey
Frorup, L. E. (Imported Carbons & Electrical Appliances), 232 Greenwich, N. Y.
GENERAL ELECTRIC CO., 44 Broad. (See adv. index, end of book)
Goldmark & Wallace (Mfrs.' Agents), 67 Cortlandt
Harrington, C. J. (R. R., Light & Telephone), 15 Cortlandt
Jones, J. & Son (Jobbers), 62 Vesey
Jordan Bros., 74 Beekman
Kinsman Electric & Railway Supply Co., 91 Liberty
Machado & Roller (Mfrs.' Agents), 203 Broadway
Manhattan Electrical Supply Co. Mfrs. & Jobbers, 32 Cortlandt
Ostrander, W. R. & Co. (Mfrs. & Jobbers), 22 Dey
Pattengell, C. E. Son & Co. (Specialties), 116 John
Perfection Supply Co., 621 B'way

Railroad Supply Co. (Electric Ry. Supplies), 143 Liberty
Read, H. P. Lead Works, 160 E 56th
Roberts, Geo. I. & Bros., 471 4th av
Schiff & Co., 234 Greenwich
Schoonmaker, A. G. Co., 29 West
Sibley & Pitman (Jobbers), 26 Warren
Stanley & Patterson (Inc.), (Electric House Goods, etc.), 40 Cortlandt
Thomas & Betts, 141 B'way
Western Electric Co. (Mfrs. & Wholesalers), 463 West

(END OF NEW YORK CITY.)

ROCHESTER—Bradley, E. C. & Co., 17 Stone
Higgins-Almstead Co., 59 State
Schmidt, Rudolph & Co., 51 E. Main
Sloan, Sam'l & Co., 65 Exchange
Wheeler-Green Elec. Co., 59 St. Paul
SCHENECTADY—**GENERAL ELECTRIC CO.** (In Various Towns). (See adv. index, end of book)
SYRACUSE—Cornwell, R. M. Co., 416 S. Salina
Electric Supply Co. (of Syracuse), 105 S Warren
Gorke, H. J., 216 W. Wash'n
Roberts, H. C. Electric Supply Co., Bastable blk.
UTICA—Dent, Mathew F., 81 Washington
Johnson & Morton
Utica Electrical Co.

NORTH CAROLINA.

CHARLOTTE—Standard Electric Co.

OHIO.

CANTON—Canton Supply Co., 212 E. 8th
CINCINNATI—Cincinnati Railway Supply Co. (Also Telephone), 13 E. 2d
Electric Railway Equipment Co., 433 E. Front
Hauss, D. J., 1528 Elm
Jones & Yount, 534 Walnut
Lawrence-Hall Electric Co., 219 W 4th
Lawton Electric Co., 319 W 4th
Merkhofer, J., Electric Works, Court & Walnut
Post-Glover Electric Co., 316 W. 4th
Standard Electric Co., 113 W. 3d
Stewart Electrical Co., 311 E. 5th
CLEVELAND—Abbott, Eugene B., 576 Central av
Cleveland Switchboard & Electric Mfg. Co., 56 Michigan
Enterprise Electrical Co., 1221 Euclid av
Erner Electric Co., 62 Public sq
Ohio Electric Works (and Electric Novelties), 76 Ellen
Time Electric Co., 399 Prospect
Worthington, Geo. Co., 95 St. Clair
COLUMBUS—Andrews & Barnes, 45 W. Broad
Electric Supply & Cons. Co., 80 E Gay
Erner-Hopkins Co., 164 N 3rd
DAYTON—Butterworth & Guyton
Patterson Tool & Supply Co., 127 E. 3d
Tyson, Chas. Q.
SPRINGFIELD—Electrical Construction Supply Co.
TOLEDO—Bissell, F. Co., 116 St. Clair
Nagel, W. G. Elec. Co., 520 Adams

OREGON.

PORTLAND—Dayton Hardware Co.
Walsh, M. J. Co., 245 Wash.

PENNSYLVANIA.

ASHLAND—McConnell & Bro.
BETHLEHEM—Hill, G. E.
CHAMBERSBURG—Gilbert, Dan'l
EASTON—People's Supply Co.
LEBANON—Lebanon Electric Co.
NORRISTOWN—Cressman & Quillman
PHILADELPHIA—Buchanan, J. F. & Co., 36 N. 4th
Burk & Whittle, 26 N. 7th
Clark, L. P. & Co., 510 Arch
Cutter Electrical & Mfg. Co., 1728 Spg. Garden
General Electric Co., 226 S 11th
McIntire, Walter C. & Co., 506 Commerce
Mayer & Englund (Railway), 1024 Filbert
Novelty Electric Co., 50 N 4th
Paiste, H. T. Co., 31st & Ludlow
Partrick, Carter & Wilkins, 1231 Callowhill
Phila. Electric & Mfg. Co., 1011 Market
Roberts, H. C. Electrical Supply Co., 831 Arch
Rumsey Electrical Mfrs. Co., 1211 Filbert
Shaw, J. Elliott, Co., 632 Arch
Stewart, Frank H. & Co., 35 N. 7th
Vallce Bros. Electrical Co., 625 Arch
Walker & Kepler, 531 Chestnut
Western Electric Co., 931 Market
PITTSBURG—Brown, Jas. & Son, 207 Wood
Cosgrave Bros., 337 Water
Electric Supply Co., 245 3d av
Doubleday-Hill Electric Co., 919 Liberty av
Hill, Chas. K., 2315 Penn av
Iron City Engineering Co., Frick bldg.
Robbins Electric Co., 830 Liberty av.
READING—Arrowsmith Electric Co.
Reading Electric Co.
SCRANTON—Scranton Supply & Machinery Co.
SO. BETHLEHEM—Drumbor, C. E.
WILKESBARRE—Rice, Jos. S.
WILLIAMSPORT—Williamsport Electrical Co.

RHODE ISLAND.

PROVIDENCE—Belcher & Loomis Hdw. Co.
Scannevin & Potter
Thurston, Geo. H. & Co.
Union Hardware & Electric Supply Co.

SOUTH CAROLINA.

CHARLESTON—Cameron & Barkley Co.

TENNESSEE.

KNOXVILLE—Southern Brass & Iron Co.
MEMPHIS—Bailey, J. A. & Co., 336 2d
Electric Supply Co., 298 2d

TEXAS.

DALLAS—Egan, G. H. & Co.
Lipscomb Electrical Co.
Southwestern Electrical Eng. & Construction Co.
FORT WORTH—Anderson, A. J., Electrical Co.
Bound Electric Co.
Dickson Electric Co.
Hooker Electrical & Plumbing Co.
GALVESTON—Arnold & Wetherbee, 2111 P.O.
Levy, Max, 2320 Market
HOUSTON—Barden Electric & Machinery Co.
Hurlburt-Still Electrical Co.
Peden Iron & Steel Co. (Telephone, etc.)
SAN ANTONIO—Gunther Foundry, Machine & Supply Co.
WACO—Waco Electrical Co.

VERMONT.

BURLINGTON—Sherwin, Geo. D.

VIRGINIA.

LYNCHBURG—Burns, T. J. & Co.
NORFOLK—Henry, E. M., & Co.
Standard Electric Co.
RICHMOND—Euker, Geo. W.
McGraw, Jas., 1442 E. Main
Tower-Binford Electric Mfg. Co., 715 E Main
STAUNTON—Templeton, Jas. A. & Sons

WASHINGTON.

SEATTLE—Kilbourne & Clark Co.
SPOKANE—Doerr, Mitchell & Co.
TACOMA—Bowie Love Co.
WHATCOM—Frizell, W. M.

WEST VIRGINIA.

WHEELING—Mountain State Electrical Co.
Sands, H. S., Electric & Mfg. Co.

WISCONSIN.

MILWAUKEE—Andrae, Julius & Sons Co., 225 W Water
Blomkun Electric Co., 151 Reed
Boettger & Wittig, 393 3d
Cutler-Hammer Mfg. Co., 12th & St. Paul av
Meyer, L. A. Co., 450 E Water
Rohn, Geo. F., 88 Mason

Electrodes.

International Acheson Graphite Co., Niagara Falls, N. Y.

Electro Magnets (Special Winding of).

McDermid Mfg. Co., 118 W Jackson boul, Chicago

Electro Plating.

American Car & Ship Hardware Mfg. Co., New Castle, Pa.
Beverly Engine & Machine Co., Beverly, Mass.
CHICAGO ORNAMENTAL IRON CO., 37th & Stewart av, Chicago, Ill. (See adv. index, end of book)
Cooke, Jos. S., 20 Jacob, New York
Detroit Shipbuilding Co. (Brass Dept), Detroit, Mich.
Edwardsville Brass Co., Edwardsville, Ill.
Enterprise Brass Works (Frank Holt, Prop.), Muskegon, Mich.
Filley, Harvey, Plating Works, 1011 Spg Garden, Philadelphia, Pa.
Forsyth Mfg. Co., 308 Terrace, Buffalo, N. Y.
Gaumer, Jno. & Co., 19th & Hamilton, Philadelphia, Pa.
Greystone Mfg. Co., Greystone, Conn.
HECLA IRON WORKS, 118 N. 11th, Brooklyn, N. Y. (See adv. index, end of book)
JACKSON, WM. H. CO., 29 E. 17th (Union Square), N. Y. (See adv. index, end of book)
Keystone Plating Co., 2035 N Alder, Phila., Pa.
Ludlow-Saylor Wire Co., 120 S 4th, St. Louis, Mo.
McKenna Bros. Brass Co. (Ltd.) (Nickel, Silver, Oxidized, Copper, etc.), Pittsburg, Pa.
McMurray, Robt. T., & Bro., 287 4th av, N. Y. and 365 Harman, Brooklyn, N. Y.
Mequier & Jones Co., Portland, Me.
Meyer, Louis J., 104 S 8th, Philadelphia, Pa.
Minneapolis Brass & Iron Mfg. Co., 116 1st av, N, Minneapolis, Minn.
Monumental Plating Works, 106 Hanover, Baltimore, Md.
Murdock Corporation (Bronze, etc.), 156 Boylston, Boston
Muskegon Electro Plating Co., Muskegon, Mich.
Ohio Brass Co., Mansfield, O.
Purcell, N. F., & Co. (also Buffing & Polishing), 232 S Clinton, Chicago, Ill.
RICHEY, BROWNE & DONALD, Maspeth, Borough of Queens, New York City. (See adv. index, end of book)
Roberts-Goss Co., St. Paul, Minn.
Schreiber, L. & Sons Co., 8th & Eggleston av, Cincinnati, O.
Sercomb Co., 195 State, Chicago
Sharpless & Watts, 1522 Chestnut, Phila., Pa.
Southern Electro Plating Works, 80 S Pryor, Atlanta, Ga.
Standard Plating Works, 446 N 12th, Phila., Pa.
STOWELL MFG. & FOUNDRY CO., S. Milwaukee, Wis. (See adv. index, end of book)
Taylor & Boggis Foundry Co., 523 Seneca, Cleveland, O.
Tucker, G. A., 284 State, Rochester, N. Y.
White Wire Works Co., Rochester, N. Y.
Wisconsin Iron &Wire Works (All Kinds), 186 E. Water, Milwaukee, Wis.

Electro Plating (Bronze).

GORHAM MFG. CO., B'way & 19th, New York. (See adv. front stencil)
HECLA IRON WORKS, 118 N. 11th, Brooklyn, N. Y. (See adv. index, end of book)

JACKSON, WM. H. CO., 29 E. 17th (Union Square), New York. (See adv. index, end of book)
Schreiber, L. & Sons Co., 8th & Eggleston av, Cincinnati, O
WINSLOW BROS. CO., Main Office & Works: 368 Carroll av, Chicago, Ill. Branches: 160 5th av, New York; 326 4th av, Pittsburg, Pa.; Colonial Trust bldg, Louis, Mo.; Hennen bldg, New Orleans, La.; 121 New Montgomery, San Francisco, Cal., & Andrus bldg, Minneapolis, Minn. (See adv. index, end of book)

Electro-Pneumatic System of Control

WESTINGHOUSE ELECTRIC & MFG. Co., Westinghouse bldg, Pittsburg, Pa. (See adv. index, end of book)

Electroliers.

(See Gas & Electric Fixtures.)

Electrolytic Refiners.

Baltimore Copper Smelting & Rolling Mill Co., Keyser bldg, Baltimore, Md.

Elevating & Conveying Machinery.

See Machinery, Elevating & Conveying; also Conveyors of Various Kinds.

Elevator Air Cushions

Ellithrope, F. T., & Co., 95 Liberty, New York
Ellithrope Safety Air Cushion Co., 31 B'way, New York

Elevator Annunciators

ELEVATOR SUPPLY & REPAIR CO., 34, 36 West Monroe, Chicago, Ill., & 136 Liberty, New York. (See adv. below)



HERZOG, TELESEME CO., 51 W 24th, New York. (See card at Annunciators)

Elevator Cables

(See Wire Rope & Cables.)

Elevator Cabs or Cars

Atlanta Wire & Iron Works Co., 60 N Broad, Atlanta, Ga.
Barbee Wire & Iron Co., 44 Dearborn, Chicago, Ill., & Lafayette, Ind.
BRADLEY & HUBBARD MFG. CO., Meriden, Conn. (See adv. index, end of book)
Buffalo Wire Works Co., Buffalo, N. Y.
CHICAGO ORNAMENTAL IRON CO., 37th & Stewart av, Chicago, Ill. (See adv. index, end of book)
CINCINNATI MFG. CO., 1243 W 6th, Cincinnati, O. (See adv. index, end of book)
COLUMBUS WIRE & IRON WORKS, Columbus, O. (See adv. index, end of book)
Darby, E., & Sons, 233 Arch, Phila., Pa.
Denver Wire & Iron Works Co., 1401 Market, Denver, Col.
Dow Wire Works Co., 730 W Market, Louisville, Ky.
FLOUR CITY ORNAMENTAL IRON Works, 2635 27th av, Minneapolis, Minn. (See adv. index, end of book)
Dufur & Co., 311 N Howard, Baltimore, Md.
HALSTED, JOSEPH, 388 W. Randolph, Chicago, Ill.
HECLA IRON WORKS, 118 N. 11th, Brooklyn, N. Y. (See adv. index, end of book)
HICKEY, M. H. WIRE & IRON Works, 54 Dearborn, Chicago, Ill.
JACKSON, WM. H., CO., 29 E. 17th (Union Square), New York. (See adv. index, end of book)
Kamman, Walter, Front & Lawrence, Cincinnati, O.
LANDON & EGGERS, 1243 Fillmore, Chicago, Ill. (See adv. index, end of book)
Lasar-Letzig Mfg. Co., 16th & O'Fallon, St. Louis, Mo.
Louisville Wire Works (Inc.), 730 W Market, Louisville, Ky.
Ludlow-Saylor Wire Co., 4th & Elm, St. Louis, Mo.
McMurray, Robt. T. & Bro., 287 4th av, New York, & 365 Harman, Brooklyn, N. Y.
MERRITT & CO., 1024 Ridge av, Phila., Pa. (See adv. index, end of book)
Meyers, Fredk. J. Mfg. Co., Hamilton, O.
NATIONAL MFG. CO., Worcester, Mass.; Boston, Mass., & 103 Chambers, New York. (See adv. index, end of book)
RICHEY, BROWNE & DONALD, Maspeth, Borough of Queens, New York City. (See adv. index, end of book)
Schreiber, L. & Sons Co., 8th & Eggleston av, Cincinnati, O.
SMITH, F. P. WIRE & IRON WORKS, 100 Lake, Chicago, Ill. (See adv. index, end of book)
STANDARD CO., 15th & Laflin, Chicago, Ill. (See adv. index, end of book)
Syracuse Wire Works, Syracuse, N. Y.
TAYLOR & DEAN, 205 Market, Pittsburg, Pa. (See adv. index, end of book)
TYLER, W. S. CO., 1150 St. Clair, Cleveland, O.; 11 B'way, New York, & Bessemer bldg, Pittsburg, Pa. (See adv. index, end of book)
UNION ELEVATOR & MACHINE CO., 144 Ontario, Chicago, Ill. (See adv. index, end of book)
Van Dorn Iron Works Co., Cleveland, O.
West Coast Wire & Iron Works, San Francisco, Cal.
WINSLOW BROS. COMPANY, Main Office & Works, 368 Carroll av, Chicago, Ill. (See adv. index, end of book)
Wisconsin Iron & Wire Works, 186 E Water, Milwaukee, Wis.
WRIGHT WIRE CO. (All Metals & Finishers), Worcester, Mass. (See adv. index, end of book)

Elevator Car Signals

(See Elevator Signals.)

Elevator Carriage Lifts

UNITED STATES ELEVATOR CO., 216 Dock, Phila, Pa. (See adv. index, end of book)

Elevator Controllers

(See Controllers, Electric Elevators; also Elevator Safety Controllers.)

Elevator Door Locking Devices

(See Elevator Safety Locks.)

Elevator Door Openers & Closers

(See also Elevator Safety Devices.)

Automatic Elevator Door Co., 182 Ogden av, Milwaukee, Wis.
Burdette-Rowntree Mrg. Co., 76 W Jackson boul, Chicago, Ill.
ELEVATOR SUPPLY & REPAIR CO., 34 Monroe, Chicago, Ill., & 136 Liberty, N. Y. (See adv. index, end of book)
UNION ELEVATOR & MACHINE CO., ("Union" Automatic), 144 Ontario, Chicago, Ill. (See adv. index, end of book)

Elevator Doors (Automatic)

(See also Hatch Doors.)

Automatic Elevator Door Co., 142 Ogden av, Milwaukee, Wis.
Bardsley Bros., 147 Baxter, New York
Beckwith Elevator Co., 123 Pearl, Boston, Mass.
Boston Automatic Elevator Co., 185 Summer, Boston, Mass.
Boston Elevator Gate Co., 109 Purchase, Boston, Mass.
Central Iron Works, Equitable bldg, Des Moines, Ia.
Hare Elevator Safety Device Co. (Fire Doors), 632 Penn av, Pittsburg, Pa.
Joyce Safety Elevator Door Co., 170 Summer, Boston, Mass.
KINNEAR MFG. CO., Columbus, O. (See adv. index, end of book)
LANDON & EGGERS (The "Meeker"), 1243 Fillmore, Chicago, Ill. (See adv. index, end of book)
Queen City Wire Works, 193 Seneca, Buffalo, N. Y.
Richmond Safety Gate Co., Richmond, Ind.
Rochester Automatic Elevator Door Co. (Fire Proof Safety Fire Doors), 291 Mill, Rochester, N. Y.
STANDARD CO. ("Otis" Patent Two Thirds Opening), W 15th & Laflin, Chicago, Ill. (See adv. index, end of book)
Standard Supplies Co., 123 Liberty, New York
UNITED STATES ELEVATOR CO., 216 Dock, Phila., Pa. (See adv. index, end of book)
VARIETY MFG. CO. (The "Cross" Improved Meeker), 77 W. Lake, Chicago, Ill. (See adv. index, end of book)
WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, O., & 15 Park Row, New York. (See adv. index, end of book)
WARSAW ELEVATOR CO., Warsaw, N. Y., & Erie Co. B'k bldg, Buffalo, N. Y. (See adv. index, end of book)

Elevator Doors (Automatic Fire)

(See also Fire Proof Doors & Shutters.)

Banner Iron Works, 715 Locust, St. Louis, Mo.
Beckwith Elevator Co., 123 Pearl, Boston, Mass.
BLANCHARD, J. F. CO. ("Richardson's"), Fuller bldg, New York, N. Y. (See adv. index, end of book)
Burdette-Rowntree Mfg. Co., 85 W Jackson boul, Chicago, Ill., & 17 Battery pl, New York
DAHLSTROM METALLIC DOOR CO., Jamestown, N. Y. (See adv. index, end of book)
FIRE PROOF DOOR CO. ("Richardson's"), 401 12th av, Minneapolis, Minn. (See adv. index, end of book)
Hare Elevator Safety Device Co., 632 Penn av, Pittsburg, Pa.
KINNEAR MFG. CO., Columbus, O. (See adv. index, end of book)
LANDON & EGGERS (The "Meeker"), 1243 Fillmore, Chicago, Ill. (See adv. index, end of book)
RAPP, JNO. W., General Office & Works, College Point, New York City. Sales Office, 156 5th av, New York. (See adv. index, end of book)
Richmond Safety Gate Co. ("Cross Counterbalanced Corrugated Iron), Richmond, Ind.
Rochester Automatic Elevator Door Co., 291 Mill, Rochester, N. Y.
Standard Supplies Co., 123 Liberty, New York
Toops, E. D. (Gravity), Indianapolis, Ind.
VARIETY MFG. CO. ("Cross" Folding), 77 W Lake, Chicago, Ill. (See adv. index, end of book)
Victor Mfg. Co., Newburyport, Mass.
WARSAW ELEVATOR CO., Warsaw, N. Y., & Erie Co. B'k bldg, Buffalo, N. Y. (See adv. index, end of book)

Elevator Doors (Bronze)

BRADLEY & HUBBARD MFG. CO., Meriden, Conn. (See adv. index, end of book)
BURKHARDT, JOHN (Bronze), 606 W 55th, New York. (See adv. index, end of book)
CABARET, PAUL E., & CO., 342 W. 14th, New York. (See adv. index, end of book)
GORHAM MFG. CO., B'way & 19th, N. Y. (See adv. index, end of book)
HECLA IRON WORKS, 118 N. 11th, Brooklyn, N. Y. (See adv. index, end of book)
JACKSON, WM. H. CO., 219 E. 17th, (Union Suare), New York. (See adv. index, end of book)
RICHEY, BROWNE & DONALD, Maspeth, Borough of Queens, New York City. (See adv. index, end of book)
SNEAD & CO. IRON WORKS, ft. Pine, Jersey City, N. J. (See adv. index. end of book)
STANDARD CO., W 15th & Laflin, Chicago. Ill. (See adv. index, end of obok)
WINSLOW BROS. COMPANY, Main Office & Works, 368 Carroll av, Chicago. Ill. (See adv. index, end of book)

Elevator Doors (Metal)

(See Elevator Cabs or Cars.)

Elevator Doors (Metal Covered)

BLANCHARD, J. F. CO. ("Richardson's"), Fuller bldg, New York, N. Y. (See adv. index, end of book)
DAHLSTROM METALLIC DOOR CO. Jamestown, N. Y. (See adv. index, end of book)
FIRE PROOF DOOR CO. ("Richardson's"), 401 S 12th av, Minneapolis, Minn (See adv. index, end of book)
RAPP, JNO. W., General Office & Works, College Point, New York City, & 156 5th av, New York. (See adv. index, end of book)

Elevator Enclosures

Acme Fancy Wire Works, Detroit, Mich.
AJAX IRON & WIRE CO., 75 York, Brooklyn, N. Y.
Albree, Chester B. Iron Works, Allegheny, Pa
Anderson, Henry C., 414 Bleecker, New York
Art Brass & Iron Works, c 4th & Porter, Detroit, Mich.
Atlanta Wire & Iron Works Co., 64 N Broad. Atlanta, Ga.
Baker Mfg. Co., c Allegheny & South avs, Allegheny, Pa.
Balderson, H. & Son, 119 Light, Baltimore, Md.
Barbee Wire & Iron Works,, 44 Dearborn, Chicago, Ill., & Lafayette, Ind.
Barnum, E. T. Wire & Iron Works, Detroit, Mich.
Bataille, Achille & Co., 587 Hudson, New York
Bigelow-Cheney Wire Works, Springfield, Mass.
Booth, John. 116 E Lake, Chicago, Ill.
BRADLEY & HUBBARD MFG. CO., (Brass & Bronze), Meriden, Conn. (See adv. index, end of book)
BROWN BROS. MFG. CO., W 22d & Campbell av, Chicago, Ill. (See adv. index, end of book)
Brown-Ketcham Iron Works, Indianapolis, Ind.; 166 Devonshire, Boston, Mass.; 1133 B'way, New York; Odd Fellows bldg, St. Louis, Mo.; Chicago; Atlanta, Ga.; San Francisco, Cal., & Washington, D. C.
Buckley-Hart Mfg. Co., 527 Franklin, Detroit, Mich.
Buffalo Wire Works Co., Buffalo, N. Y.
BURKHARDT, JOHN (Bronze), 614 W 55th, New York. (See adv. index, end of book)
Carlson, August, 289 E Morrison, Portland, Oregon
CHAMPION IRON CO., Kenton, O. (See adv. index, end of book)
CHESAPEAKE IRON WORKS, Severn & Bayard, Baltimore, Md. (See adv. index, end of book)
CHICAGO ORNAMENTAL IRON CO., 37th & Stewart av, Chicago, Ill. (See adv. index, end of book)
CINCINNATI MFG. CO., 1243 W 6th, Cincinnati, O. (See adv. index, end of book)
Columbia Iron & Wire Works Co., Canton, O.
COLUMBUS WIRE & IRON WORKS, Columbus, O. (See adv. index, end of book)
Darby, Edw. & Sons, 233 Arch, Phila., Pa.
Denver Wire & Iron Works, 1401 Market, Denver, Colo.
Dow Wire Works Co., 730 W Market, Louisville, Ky.
Durfur & Co., 311 N Howard, Baltimore, Md.
Eagle Iron Works (Inc.), 850 De Kalb av, Brooklyn, N. Y.
Empire Brass & Metal Works, 141 B'way, New York
Estey Wire Works Co., 59 Fulton, New York
FLOUR CITY ORNAMENTAL IRON Works, 2635 27th av, Minneapolis, Minn. (See adv. index, end of book)
FOREST CITY STEEL & IRON CO., Cleveland, O. (See adv. index, end of book)
Fruhling, Wm. A., 218 S Los Angeles, Los Angeles, Cal.
Gardner Elevator Co., Detroit, Mich.
Gaumer, Jno. L. Co., 19th & Hamilton, Phila., Pa.
Gilbert & Bennett Mfg. Co., 153 Lake, Chicago; 42 Cliff, New York, & Georgetown, Conn.
HALSTEAD, JOSEPH, 388 W Ran-dolph, Chicago
Harlander & Edelmann, 464 10th av, New York
HECLA IRON WORKS, (Brass & Bronze), 108 N 11th, Brooklyn, N. Y. (See adv. index, end of book)
HICKEY, M. H., WIRE & IRON Works, 54 Dearborn, Chicago, Ill.
Howard & Morse, 45 Fulton, New York
Hub Wire Cloth & Wire Work Co., 13 Devonshire, Boston, Mass.
JACKSON, WM. H. CO. (Brass & Bronze), 29 E 17th (Union Square), New York. (See adv. index, end of book)
Kamman, Walter, Front & Lawrence, Cincinnati, O.
Kansas City Wire & Iron Works, Kansas City, Mo.
Kleeman, Trotter & Co., 1327 Main, Kansas City, Mo.
LANDON & EGGERS, 1243 Fillmore, Chicago, Ill. (See adv. index, end of book)
Louisville Wire Works, 730 W Market, Louisville, Ky.
Ludlow-Saylor Wire Co., 4th & Elm, St. Louis, Mo.
McKinney, Jas. & Son, 927 B'way, Albany, N. Y.
McMurray, Robt. T. & Bro., 287 4th av, New York, & 365 Harman, Brooklyn, N. Y.
MERRITT & CO., 1024 Ridge av., Phila, Pa. (See adv. index, end of book)
Meyers, Fredk. J. Mfg. Co., Hamilton, O.
Midland Metal Co. (Inc.), 1427 Catherine, Phila., Pa.
Milwaukee Wire & Iron Works, 142 W Water, Milwaukee, Wis.
NATIONAL MFG. CO., Worcester, Mass.; 103 Chambers, New York, & Equitable Life bldg, Boston, Mass. (See adv. index, end of book)
NEW AMERICAN ELEVATOR CO., Columbus. O. (See adv. index, end of book)
Nimmo Fence Co., 324 E 4th, Cincinnati, O.
Ornamental Wire & Iron Co., Portsmouth, Va.
Perkins Mfg. Co., 1121 E 7th, St. Paul, Minn.
Phoenix Steel Construction Co., 3d & Penn av, Pittsburg, Pa.
Pioneer Iron & Wire Works Co., 1433 Market, Denver, Colo.
Portland Wire & Iron Works, 147 Front, Portland, Oreg.
REMPPIS, WM. F. CO., Reading, Pa., & 331 Witherspoon bldg, Phila., Pa. (See adv. index, end of book)
RICHEY, BROWNE & DONALD. Mas-peth, Borough of Queens, New York City. (See adv. index, end of book)
RIESECK, P., Allegheny av & Re-becca, Allegheny, Pa. (See adv. index, end of book)
St. Louis Wire & Iron Co., 518 Chouteau av, St. Louis, Mo.
Ssheeler's Sons, 316 Terrace, Buffalo, N. Y.
Scheiber, E. A., 158 W Ohio, Chicago, Ill.
Schmidt, F. J., 1520 Front, Toledo, O.
Schrieber, L. & Sons Co., 8th & Eggleston av, Cincinnati, O.
SMITH, F. P. WIRE & IRON WORKS, 100 Lake, Chicago, Ill. (See adv. index, end of book)
SNEAD & CO. IRON WORKS, ft of Pine , Jersey City, N. J. (See adv. index. end of book)
Snow Wire Works Co., 76 Exchange, Rochester, N. Y.
STANDARD CO., W 15th & Laflin, Chicago, Ill. (See adv. index, end of book)
Sterling Bronze Co., 12 E 30th, New York & 19th & Hamilton, Phila., Pa.
Syracuse Wire Works, Syracuse, N. Y.
TAYLOR & DEAN, 205 Market, Pittsburg, Pa. (See adv. index, end of book)
Thompson, Hervey, 176 E 119th, New York
Tichener, E. H. & Co., Binghamton, N. Y.
Tilk, Frank, 211 W 19th, Kansas City, Mo.
TYLER, W. S. CO., Cleveland O., 11 B'way, New York, & Bessemer bldg, Pittsburg, Pa. (See adv. index, end of book)
Union Equipment & Bronze Co., 514 W 36th, New York
Van Dorn Iron Works, Cleveland, O.
Vilsack, Martin Co., Pittsburg, Pa.
Voss, Fredk., 621 Austin av, Chicago, Ill.
West Coast Wire & Iron Works, San Francisco, Cal.
Westervelt, A. B. & W. T., 102 Chambers, New York
West Side Structural Co., Troy, N. Y.
WINSLOW BROS. COMPANY, Main Office & Works, 368 Carroll, Chicago; Colonial Trust bldg, St. Louis, Mo.; 326 4th av, Pittsburg; Hennen bldg, New Orleans; 160 5th av, New York; 121 New Montgomery, San Francisco, Cal., & Andrus bldg, Minneapolis, Minn. (See adv. index, end of book)
Wisconsin Iron & Wire Works, Milwaukee, Wis.
WRIGHT WIRE CO. (All Metals & Finishers), Worcester, Mass. (See adv. index, end of book)

*Elevator Fire Proof Casings.

MERRITT & CO., 1024 Ridge av, Phila., Pa. (See adv. index, end of book)

Elevator Gates (Automatic)

Anderson, Henry C. (Steel), 414 Bleecker, New York
Bardsley Bros., 149 Baxter, New York
Bataille, Achille & Co., 587 Hudson, New York
Beckwith Elevator Co., 123 Pearl, Boston, Mass.
Boston Elevator Gate Co., 109 Purchase, Boston, Mass.
Burdette-Rowntree Mfg. Co., 85 W Jackson boul, Chicago, Ill., & 17 Battery pl, New York
California Artistic Metal & Wire Co., 539 Mission, San Francisco, Cal.
CRAIG, W. H. & CO. (and Half Au-tomatic), 415 6th av, S Minneapolis, Minn. (See adv. index, end of book)
Excelsior Elevator Gate Co., 414 Bleecker, New York
Hare Elevator Safety Device Co., 632 Penn av, Pittsburg, Pa.
Houser Elevator Co., Syracuse N. Y.
Indianapolis Elevator Co., Board of Trade bldg, Indianapolis, Ind.
KIECKHEFER, A. ELEVATOR CO., Milwaukee, Wis. (See adv. index, end of book)
Knickerbocker Elevator Co., 123 Liberty, N. Y.
LAGERQUIST, GUST., 1S 1st av, N Minneapolis, Minn. (See adv. index, end of book)
Marshall Bros., S 21st & Mary, Pittsburg, Pa.
MERRITT & CO., 1024 Ridge av, Phila., Pa. (See adv. index, end of book)
NEW AMERICAN ELEVATOR CO., Columbus. O. (See adv. index, end of book)
PITT, WM. R. COMPOSITE IRON WORKS ("Pitt-Bostwick"), 111 5th av, N. Y. (See adv. index, end of book)
Queen City Safety Gate Co., 351 E 3d, Cincinnati, O.
Quincy Elevator Gate Co., Richmond. Ind.
Reedy, H. J. Co. (Automatic & Semi-Automatic), 11 W 2d, Cincinnati, O.
Richmond Safety Gate Co. ("Columbus" & "Zeller"), Richmond. Ind.
Schreiber, L. & Sons Co., 8th & Eggleston av, Cincinnati, O.
Security Elevator Safety Co., 11 B'way, N. Y.
Sedgwick Machine Works, Poughkeepsie, N. Y., 110 Liberty, New York
Standard Supplies Co., 123 Liberty, New York
Stevens Wm. (Est of) (Safety Hatch Gates), 1226 Howard, Phila., Pa.
Stewart Iron Works ("Bostwick"). 714 E 3d, Cincinnati, O.
STORM MFG. CO., Newark, N. J. (See adv. index, end of book)

TAYLOR & DEAN, 205 Masket, Pittsburg, Pa. (See adv. index, end of book)
Toops, E. D., Indianapolis, Ind.
U. S. ELEVATOR CO. (Inc.), 216 Dock, Phila., Pa. (See adv. index, end of book)
WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, O., & 15 Park Row, New York. (See insert opposite)
WARSAW ELEVATOR CO., Warsaw, N. Y.. & Erie Co. B'k bldg, Buffalo, N. Y. (See adv. index, end of book)
Webb, James R, ("Excelsior" & "Eureka" Self-Closing & Self-Locking), 414 Bleecker, New York
Webster & Perks Tool Co. ("The Ideal"), Springfield, O.

Elevator Gates (Folding)

(See Gates, Folding.)

Elevator Gates & Guards (Folding)

PITT, WM. R. COMPOSITE IRON WORKS ("Pitt" "Bostwick," "Novelty" & "Composite" Patents), 111 5th av, New York. (See adv. index, end of book)

*Elevator Gates & Guards (Pitt, "Bostwick," Novelty & Composite Patents)

PITT, WM. R. COMPOSITE IRON WORKS., 111 5th av, New York. (See adv. index, end of book)

Elevator Governors

WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, Oo., & 15 Park Row, New York. (See adv. index, end of book)

Elevator Guides (Cold Compressed Steel)

STANDARD GAUGE STEEL CO., Beaver Falls, Pa. (See adv. index, end of book)

Elevator Mouldings (Ornamental Steel)

BRAUN, J. G., 322 S Paulina, Chicago, Ill., & 554 W 36th. New York. (See adv. index, end of book)

Elevator Repairers

(See also firms marked thus † under the head of Elevators, Freight & Passenger.)

ELEVATOR SUPPLY & REPAIR CO., 34 & 36 W Monroe, Chicago, Ill., & 136 Liberty, New York. (See adv. below)

REPAIR PARTS
FOR
PASSENGER & FREIGHT ELEVATORS
ELEVATOR SUPPLY & REPAIR CO
136 LIBERTY ST. NEW YORK
34 W. MONROE ST. CHICAGO

Elevator Rope

(See Wire Rope & Cables Mfrs.; also Manila & Sisal Rope Mfrs.)

Elevator Safety Controllers

ANGELL ELEVATOR LOCK CO., 370 Atlantic av, Boston, Mass. (See adv. below)

Elevator Safety Devices

(See also the Specific Article Required.)

ANGELL ELEVATOR LOCK CO., 370 Atlantic av, Boston, Mass. (See adv. below)
Automatic Elevator Door Co., 182 Ogden av., Milwaukee, Wis.
Burdett-Rowntree Mfg. Co., 85 W Jackson boul, Chicago, Ill., & 17 Battery pl, New York
Elevator Safety & Controller Co., Girard bldg, Phila., Pa.
ELEVATOR SUPPLY & REPAIR CO., 34 W Monroe, Chicago, Ill., & 136 Liberty, New York. (See adv. index, end of book)
Hare Elevator Safety Device Co., 632 Penn av, Pittsburg, Pa.
Hunter Safety Device Co., Milwaukee, Wis.
Keystone Elevator Inspection & Repair Co., 923 Locust, Phila., Pa.
MARINE ENGINE & MACHINE CO. ("Pratt"), 1123 B'way, New York. Works, Harrison, N. J. (See adv. index end of book)
PNEUMATIC ELEVATOR SAFETY CO. ("Hanford"), 156 5th av, New York. (See adv. index, end of book)
Pratt, Chas. R., 160 5th av, New York
Safety Appliance Co., 77 Jackson boul, Chicago, Ill.
Security Elevator Safety Co. ("Cruickshank's"), 11 B'way, New York
Spencer Elevator Safety Guard Co., 31 State, Boston, Mass.
Standard Elevator Interlock Co., Stephen Girard bldg, Phila., Pa.
Stevens, Wm. (Est. of), 1226 Howard, Phila., Pa.
UNION ELEVATOR & MACHINE CO. ("Union" Automatic for Opening & Closing Elevator Gates, Doors, etc.), 144 Ontario, Chicago, Ill. (See adv. index, end of book)
U. S. ELEVATOR CO. (Inc.), 216 Dock, Phila., Pa. (See adv. index, end of book)
Victor Mfg. Co., Newburyport, Mass.
WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, O., & 15 Park Row, New York. (See insert opposite)

Elevator Safety Locks

ANGELL ELEVATOR LOCK CO., 216 Market, Lynn, Mass., & 366 Atlantic av, Boston. Mass. (See adv. below)
Automatic Elevator Door Co., 182 Ogden av, Milwaukee, Wis.
Burdett-Rowntree Mfg. Co., 76 W Jackson boul, Chicago, Ill., & 120 Liberty, New York
Clernand & Co. (Freight) 206 Centre, New York
CHISHOLM & MOORE MFG. CO., Cleveland, O. (See adv. index, end of book)
ELEVATOR SUPPLY & REPAIR CO., 34 W Monroe, Chicago, Ill., & 136 Liberty, N. Y. (See adv. index, end of book)
Hare Elevator Safety Device Co., 62 Penn av, Pittsburg, Pa.
Rochester Automatic Elevator Door Co., 291 Mill, Rochester, N. Y.
Standard Elevator Interlock Co., Stephen Girard bldg, Phila., Pa.
STOWELL MFG. & FOUNDRY CO., South Milwaukee, Wis. (See adv. index, end of book)
WARSAW ELEVATOR CO., Warsaw, N. Y. (See adv. index, end of book)

Elevator Safety Stops

Hunter, James Machine Co., N Adams, Mass., & 70 Kilby, Boston, Mass.
Miller, L. J., 1233 Harrison, Cincinnati, O.
PNEUMATIC ELEVATOR SAFETY CO. ("Hanford"), 156 5th av, New York. (See adv. index, end of book)
Rochester Automatic Elevator Door Co., 291 Mill, Rochester, N. Y.
U. S. ELEVATOR CO. (Inc.), 216 Dock, Phila., Pa. (See adv. index, end of book)

Elevator Sash Iron

BRAUN, J. G., 322 S Paulina, Chicago, Ill., & 554 W 36th, New York. (See adv. index, end of book)

Elevator Siding

(See also Roofing & Siding, Iron& Steel.)

BERGER MFG. CO., Canton, O., 23 Lake, Chicago, Ill., & 210 E 23d, New York. (See adv. index, end of book)
GARRY IRON & STEEL CO., Cleveland, O. (See adv. index, end of book)
MILWAUKEE CORRUGATING CO., Milwaukee, Wis. (See adv. index, end of book)
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, index, end of book)
SYKES STEEL ROOFING CO., 611 S Morgan, Chicago, Ill. (See adv. index, end of book)
WHEELING CORRUGATING CO., Wheeling, W. Va. (See adv. index, end of book)

Elevator Signals

ELEVATOR SUPPLY & REPAIR CO., ("Armstrong"), 34 W Monroe, Chicago, & 136 Liberty, New York. (See adv. at Electric Elevator Signals)
HERZOG TELESEME CO., 51 W 24th, New York. (See adv. below)

Herzog Teleseme Co.,
51 WEST 24th STREET.
"UP—DOWN," "MULTIPLE CALL,"
For ELEVATOR SIGNALING.

1889—1903.



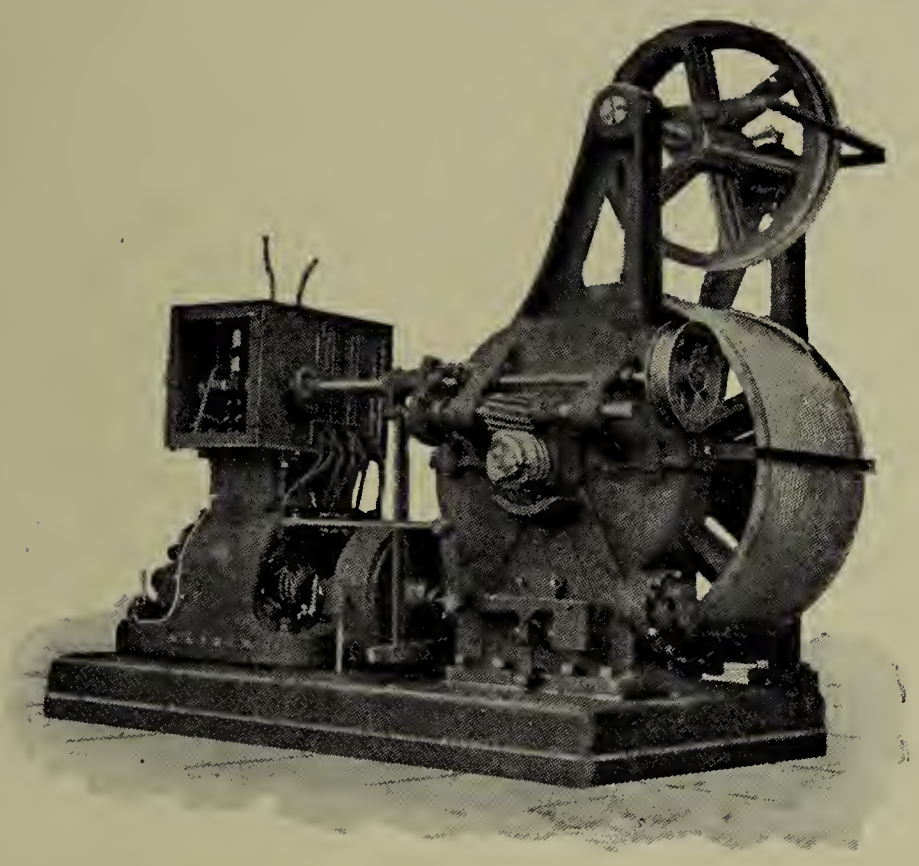
ANGELL ELEVATOR SAFETY LOCKS.

OVER 6,000 LOCKS IN USE.

For ALL KINDS and MAKES OF ELEVATORS, OPEN WELL, FOLDING and SLIDING HATCHES, PASSENGER and FREIGHT, Belt, Steam, Electric, Hydraulic Power.

ANGELL ELEVATOR LOCK CO., 370 Atlantic Ave., BOSTON, MASS.

Largest Manufacturers of Electric Elevators outside the Combine



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ELECTRIC

Passenger and Freight

ELEVATORS

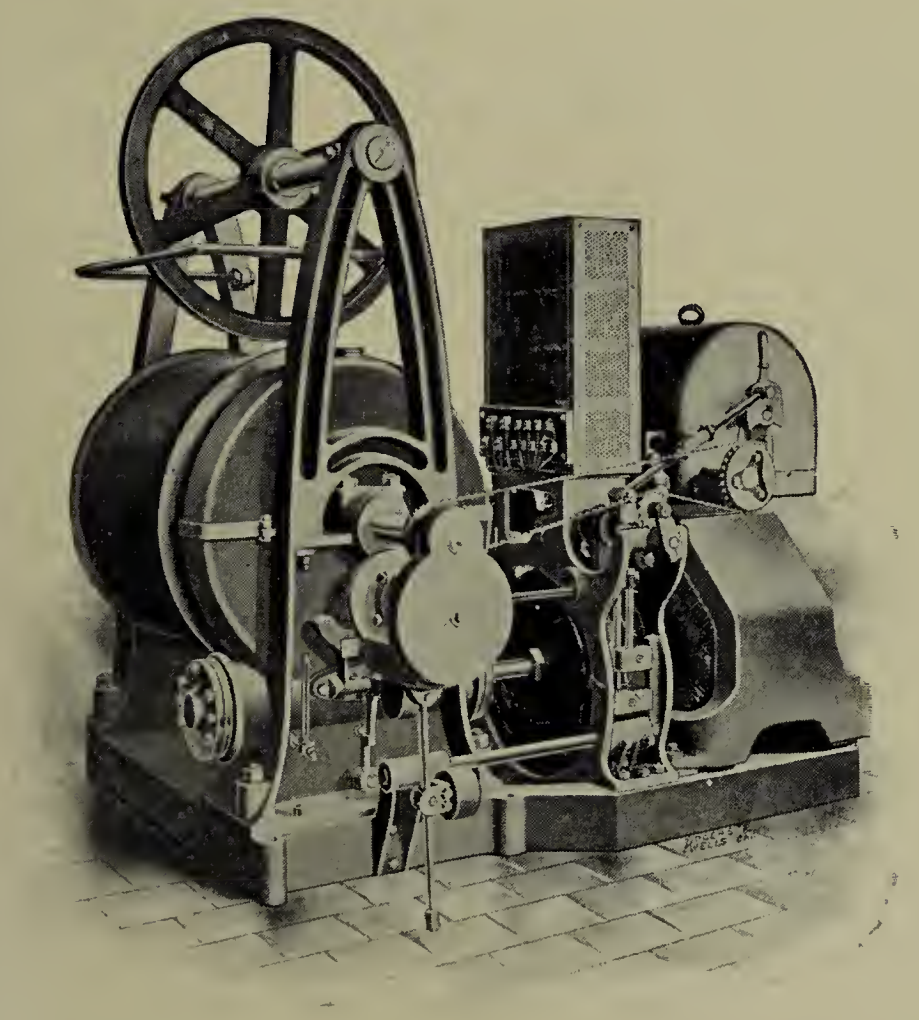
We build Electrics by the hundred which cannot be excelled for economy, safety, easy running and durability.

ESTABLISHED 1860 INCORPORATED 1887

The Warner Elevator Mfg. Co.

Main Office and Works, CINCINNATI, O.

NEW YORK OFFICE, 2032 PARK ROW BUILDING.



We do not Build the Cheapest
But the Best

Hydraulic and Electric

MACHINES

ON THE MARKET.

ALL WE ASK IS COMPARISON.

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PITTSBURGH OFFICE,
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PHILADELPHIA OFFICE,
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BALTIMORE OFFICE,
Clay and Liberty Sts.

THE LARGEST AND BEST EQUIPPED INDEPENDENT ELEVATOR WORKS IN THE WORLD.

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J. W. REEDY ELEVATORS

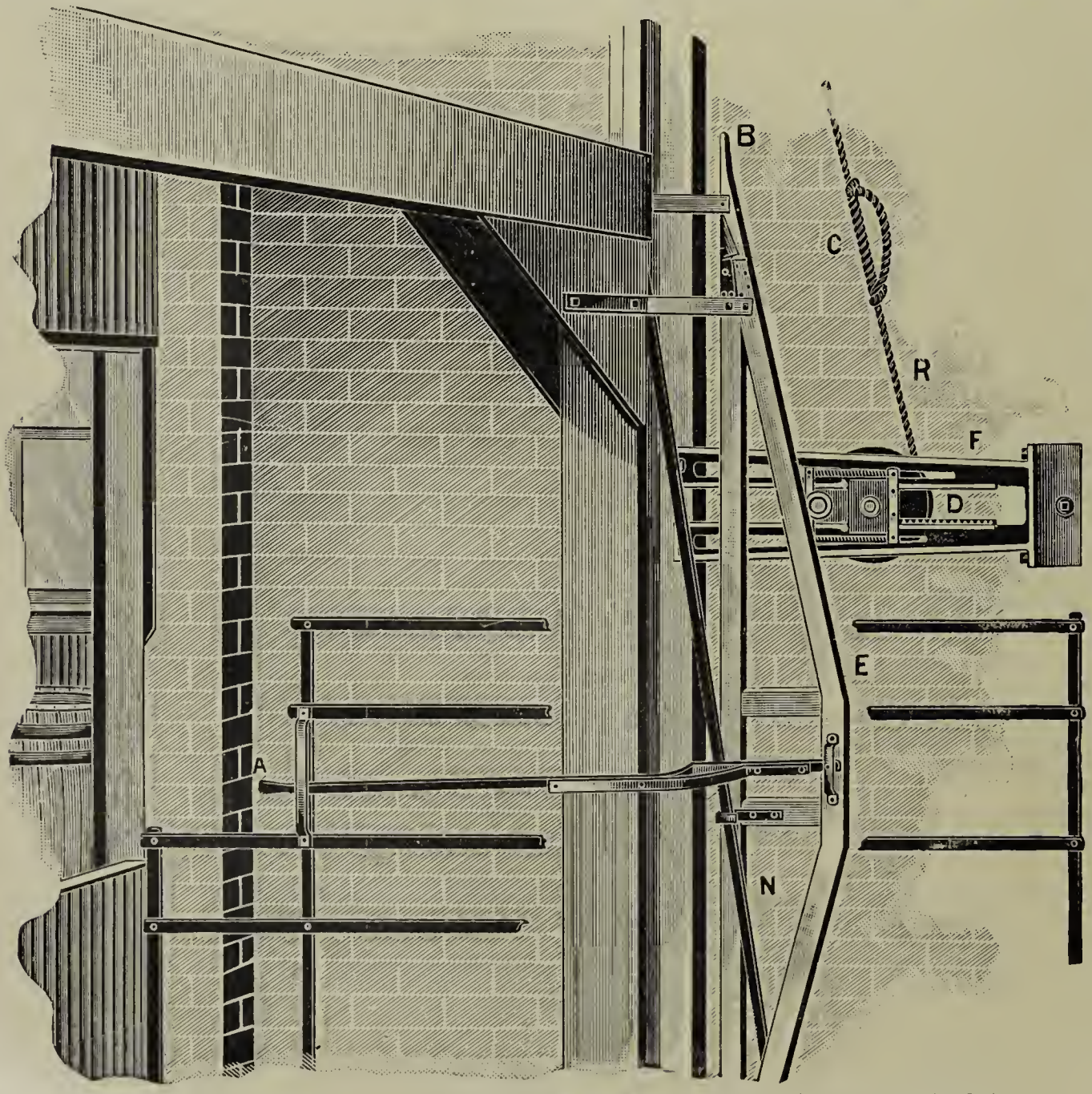
USED IN THE LEADING INDUSTRIES AND BUSINESS HOUSES THROUGHOUT THE WORLD THAN ANY OTHER MAKE. . . .

SEND FOR SPECIFICATIONS AND PRICES.

The J. W. Reedy Elevator Mfg. Co.,

83, 85, 87, 89, 91 Illinois Street,
122, 124, 126, 128 Indiana Street.

CHICAGO, ILLINOIS.



Patented March 10, 1903. (*Showing Elevator Ascending the Shaft.*)

UNION ELEVATOR & MACHINE CO.,

Manufacturers of

The Union Automatic Safety Device

For Opening and Closing Elevator Gates, Doors and Hatch Bars for Freight and Passenger Elevators.

144-6 Ontario St
CHICAGO, ILL.

Phone Main { 345 / 346

Elevator Supplies

(See also firms marked thus † under the head of Elevators (Freight & Passenger.)

ELEVATOR SUPPLY & REPAIR CO., 34 & 36 W Monroe, Chicago, Ill., & 136 Liberty, New York. (See adv. below)

PACKINGS & SUPPLIES
FOR
PASSENGER & FREIGHT ELEVATORS
ELEVATOR SUPPLY & REPAIR CO
136 LIBERTY ST NEW YORK
34 W MONROE ST CHICAGO

Elevator Switches (Belt & Reversing)

Cutler-Hammer Mfg. Co., Milwaukee, Wis.
Keystone Electric Co. (Reversing), Erie, Pa.

Elevators (Freight & Passenger)

Note—Firms designated thus † do general repair work only.
* Indicates Passenger Elevators.
(Under this heading see sub-classification.)

CALIFORNIA.

LOS ANGELES—Baker Iron Works, 946 Buena Vista
Fulton Engine Works, Chavez c Queirals
†Machinery & Electrical Co., 351 N Main
Union Iron Works, 406 E 1st
SAN FRANCISCO—Bryan Elevator Co., 530 Folsom
†Burton, Isaac L., 44 Main
*Cahill & Hall Elevator Co., 135 Beale
†California Electrical Works, 547 Mission
†California Machine Works, 129 1st
†Carratt, W. T. & Co., 138 Fremont
Electrical Engineering Co., 509 Howard
†Enterprise Electric Works, 251 Stevenson
Hall, C. I. & Co., 315 Fremont
*Hammond, J. & Co. (Hydraulic, Passenger & Freight), c Townsend & 2d
†Hilman, Wm. L., 212 Fremont
McNicoll, A. J. Elevator Co., 207 2d
*Otis Elevator Co., 511 Howard
Pettitt, J. G., 31 Beale
Pierce, Chas. W., 271 1st
Van Emmon Engineering Co., 52 Natoma

COLORADO.

DENVER—Nock & Garside, 1844 Wazee
*Otis Elevator Co., Opera House bldg

CONNECTICUT.

HARTFORD—†Rice & Baldwin Electric Co., 214 Pearl
NEW HAVEN—Eastern Mahinery Co., 144 Ashman
MacKenzie, George M., Water c East

DELAWARE.

WILMINGTON—Green Elevator Co., Tatnall bel R. R.

DISTRICT OF COLUMBIA.

WASHINGTON—Forsberg & Murray, 526 13th, N W
*Otis Elevator Co., Corcoran bldg

GEORGIA.

ATLANTA—***MORSE, WILLIAMS & CO.**, 58 S Broad. (See adv. index, end of book)
*Otis Elevatoor Co., Empire bldg
Rihards Machine Co.
DALTON—Manly Machine Co.
SAVANNAH—†Davis-Forrest Machine Works, 307 Bay, W

ILLINOIS.

CHICAGO—†Altizer & Prince Co., 51 Michigan
*Eaton & Prince Co., 76 Michigan
†**ELEVATOR SUPPLY & REPAIR CO.** (Signalling Apparatus, etc.), 34 W Monroe. (See adv. index, end of book)
Fraser & Barrett Co., 32 S Canal
†Gallagher & Speck, 295 5th av
*Kaestner & Co. (Inc.) (Steam & Hydraulic), 241 S Jefferson
†Jenkins & Lloyd Machine Co., 196 E Washington
†Manning Elevator Repair Co., 276 5th av
*Moline Elevator Co., 32 S Canal
*Otis Elevator Co., 159 La Salle
***REEDY, J. W. ELEVATOR MFG. CO.** (Hydraulic, Electric, Belt, Steam, etc.), 91 Illinois. (See insert opposite)
***UNION ELEVATOR & MACHINE** Co., 144 Ontario. (See insert opposite)
***WINSLOW ELEVATOR & MACHINE CO,** (Hydraulic, Electric, etc.), 100 N Clinton. (See insert opp. preceding page)
MOLINE—*Moline Elevator Co. (Power & Hand)

INDIANA.

EVANSVILLE—*Grote Mfg. Co.
Mesker, Geo. L. & Co. (Power)
FORT WAYNE—Kerr-Murray Mfg. Co. (Hydraulic)
INDIANAPOLIS—***BARTH ELEVATOR** Co. (Vonnegut Hardware Co., agts.), 120 E Washington. (See adv. index, end of book)
†Carman & Fryer, 334 E Market
†Commercial Electric Co., 21st & Northwestern av
Cryan Elevator Co., 364 S Meridian
Parkhurst Mfg. Co. (Freight, Belt & Electric Power), 222 Kentucky av
Reedy, D. V. & Co., 208 S Penn

IOWA.

COUNCIL BLUFFS—Kimball Bros. Co.
DES MOINES—†Globe Machinery & Supply Co., 414 W Court av
Iowa Supply Co., 317 Court av
LE MARS—Pech, Gustave Foundry & Mfg. Co.

KENTUCKY.

LOUISVILLE—*American Machine Co. (Electric, Hydraulic, Belt & Hand), 524 E Main
Grainger & Co., 141 10th
Louisville Elevator Co., 1131 8th

LOUISIANA.

NEW ORLEANS—†Brelefeldt & Burke Electrical Works, 300 Chartres
†Commercial Electric Co., 710 Union
*O'Brien, Peter, 817 Union
*Otis Elevator Co., Godchaux bldg
Schluter, Emile, 204 Carondelt

MAINE.

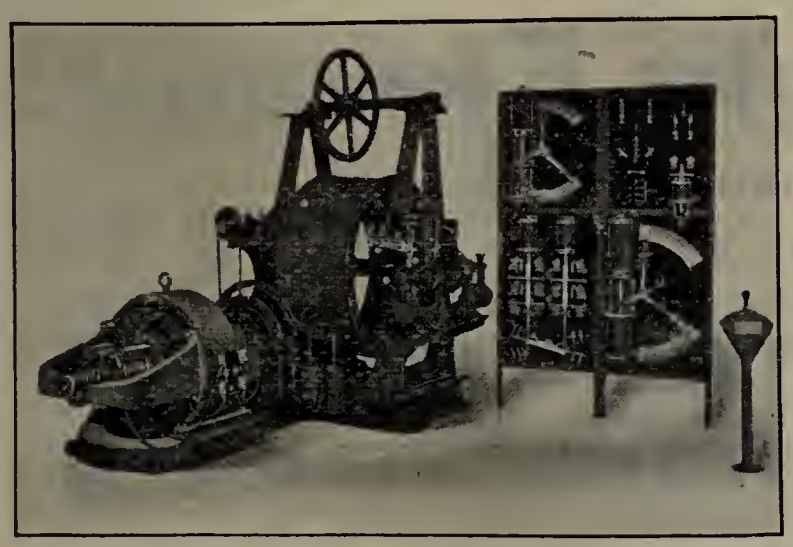
PORTLAND—Portland Co. (Plunger)

MARYLAND.

BALTIMORE—Adt, Jno. B. (Steam), 332 N Holliday
Bartlett, Hayward & Co.
***BATES, JAMES SONS (Hand &** Hydraulic, Steam, Electric, etc.), Pratt c President
Baltimore Machine & Elevator Works, 605 Water
Ellicott Machine Co., Bush & Severn
*Faunt, Le Roy & Co. (Hydraulic, Electric & Belt), 451 North
*Maryland Elevator & Machine Co. (Passenger & Freight), 148 W West
***MORSE, WILLIAMS & CO. (Bartlett, Hayward & Co., Agents), (Worm Geared, Electric, Hydraulic, Belt & Hand Power), 205 E German. (See adv. index, end of book)
*Otis Elevator Co. (Bartlett, Hayward & Co.. Agents), (Electric, Hydraulic, etc.)
***WINSLOW ELEVATOR & MACHINE CO.** (Hydraulic, Electric, etc.), Clay & Liberty. (See insert opp. preceding page)
Zies, Charles, 316 S Fremont

MASSACHUSETTS.

BOSTON—Beckwith Elevator Co. 123 Pearl
Brewer, Elias & Co., 52 Sudbury
Dean-Whiting Elevator Co., 36 Bromfield
***ELEKTRON MFG. CO. (Electric)**, 179 Lincoln. (See adv. below)



THE ELEKTRON MFG. CO.

Builders of

ELECTRIC ELEVATORS, MOTORS, DYNAMOS, ELECTRIC FANS, ELECTRIC ORGAN BLOWING OUTFITS.

Highest Grade Made

Main Office and Works: SPRINGFIELD, MASS.

BRANCH OFFICES:

NEW YORK. BOSTON. ROCHESTER, N. Y. WASHINGTON, D. C.

†Farrell, Wm. & Co., 72 Pearl
Haas, B. O. & Co., 95 Albany
Holmes & Blanchard Co., 39 Wash, N
Hoyt Elevator Co., 129 Pearl
Kimball, C. E. & Son, 151 Pearl
†MacClary, D. B., 19 Pearl
MacLauthlin, Geo. T. Co., 120 Fulton
†Mattiford, J. D., 19 Pearl
*Moore & Wyman Elevator & Machine Works, Granite c Richards
†Morrison, Angus, 18 Harvard pl
***MORSE, WILLIAMS & CO.** (Worm Geared, Electric, Hydraulic, Belt & Hand Power), 19 Pearl. (See adv. index, end of book)
Plunger Elevator Co., 373 Washington. Works, Worcester, Mass.
†Porter, W. H., 15 Hartford
*Portland Co. (Hydraulic), 50 State
Standard Mfg. & Elevator Corp., 106 Utica
Standard Plunger Elevator Co., 151 State
†Swift, J. T. & Co., 40 State
†Tubman & Arnold, 50 State
*Whittier Machine Co., 53 State
***WINSLOW ELEVATOR & MA**chine Co., Tremont bldg. (See adv. index, end of book)
Young, A. G. Elevator Co., 24 Franklin, Alls

FALL RIVER—MacKenzie & Winslow, 577 Davol
Meek, Wm. J., 687 Davol
FLORENCE—Norwood Engineering Co.
HOLYOKE—Holyoke Machine Co.
Jolly, J. & W.
LOWELL—Carey, W. W., 514 B'way
LYNN—Consolidated Elevator & Machine Works, 345 Broad
MARLBORO—Parsons, Henry (Freight)
SALEM—*Salem Elevator Co.
SPRINGFIELD—***ELEKTRON MFG. CO.** (Electric). (See adv. index, end of book)
Springfield Foundry Co., 95 Liberty
*Springfield Elevator & Pump Co., 111 Liberty
Springfield Iron Works, 108 Taylor
WORCESTER—Allen, D. P., Builders' Exch.
*Dean-Whiting Elevator Co. (Plunger, Passenger & Freight), 44 School
*Plunger Elevator Co., Barbers'
*Standard Plunger Elevator Co.

MICHIGAN.

DETROIT—*Gardner Elevator Co. (Hydraulic, Belt & Power, Passenger & Freight), 21st c River
NORTHERN ENGINEERING WKS, Chene & Atwater. (See adv. index, end of book)
*Otis Elevator Co., Hammond bldg

MINNESOTA.

MINNEAPOLIS—***CRAIG, W. H. & CO.** (Mfrs. Agts. for Electric, Steam & Hydraulic), 415 6th av. (See margin below)
***LAGERQUIST, GUS, 28 1st av,** N. (See margin below)
*Otis Elevator Co., Guaranty bldg
WINSLOW ELEVATOR & MAchine Co. C. H. Roberts, Agt.), Andrus bldg. (See adv. index, end of book)

ST. PAUL—*Franklin Machine Works, 2208 University bldg
LAWES, GEO. H. & CO. (Mfrs. Agts.), Gilfillan bldg. (See adv. index, end of book)
*Lee & Hoff Mfg. Co., West Side Levee
*Otis Elevator Co., Manhattan bldg

MISSOURI.

KANSAS CITY—Kansas City Elevator Mfg. Co., 115 W 19th
Rafiner Elevator Works, 13 E 3d
Strait, H. N. Mfg. Co.
ST. LOUIS—Abadie, E. H. & Co., Nat. B'k of Com. bldg
Ellison, Wm. & Sons Mfg. Co., 1018 N 6th
Gerahty Bros., 922 Locust
Louisville Elevator Co., 520 Olive
*Miller, Wm. A. Elevator Mfg. Co., 117 Pine
***MOON ELEVATOR CO. (Electric,** Hydraulic, Passenger, Freight, etc.), 8th & Mullanphy. (See adv. below)
*Otis Elevator Co., 319 N 4th
†St. Louis Elevator Repair & Supply Co., 206 Chestnut

NEW JERSEY.

HARRISON—***MARINE ENGINE & MA**CHINE CO. (Electric & Hydraulic). Sales Office, 1123 B'way, New York. (See insert opposite)
NEWARK—Currier, Cyrus & Sons, 21 R. R. pl
Skinner & Leary, 5 Railroad pl
STORM MFG. CO. (Hand & Belt Power etc.) (See adv. index, end of book)
Webber, Geo. A., Pioneer & Penn av
Wright, Lysander, Jr., 9 Alling

NEW YORK.

ALBANY—Kelly, Jas. J., 125 Beaver
BUFFALO—†Buffalo Elevator Supply Co., 66 Exchange
†Buffalo Engineering Co., Erie Co. B'k bldg
***HOWARD IRON WORKS (Hy**draulic), 287 Chicago. (See adv. index, end of book)
*New American Elevator Co., 84 Exchange
*Otis Elevator Co., Lewis blk
†Queen City Engineering Co., 49 Illinois
***WARSAW ELEVATOR CO., Erie** Co. B'k bldg. (See adv. index, end of book)
COHOES—*Cohoes Iron Foundry & Machine Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Rodgers, R. M. & Co., 133 Hall.
See, A. B. Electric Elevator Co., 116 Front

Boroughs of Manhattan & Bronx

NEW YORK—†American Elevator Co., 113 Cedar
Becker, W. F., 290 W B'way
Bradshaw Elevator Works, 15 Cortlandt
Clay Elevator & Machine Co. (Freight, etc.), 201 E 16th
†Clernand & Co., 206 Centre
†Collins & Tracy, 181 Greenwich
†Couch, Sam'l & Sons, 214 Centre
*Darrin, D. H. & Co., 131 Liberty
Dowdall, Chas. E., 152 W B'way
***ELEKTRON MFG. CO.** (Electric), 156 5th av. (See insert opp. preceding page)
ELEVATOR SUPPLY & REPAIR CO. (Signalling Apparatus Installed), 136 Liberty. (See adv. index, end of book)
†Empire Elevator Repair & Supply Co., 1931 B'way
†Graham Bros. & Co., 662 Hudson
HOWARD IRON WORKS (Hydraulic), 131 Liberty. (See adv. index, end of book)
†Kane, M. J. & Co., 136 Liberty
*Kier, John, 108 Liberty
*McAdams & Cartwright Elevator Co., 258 11th av
MacLean Elevator Co., 66 Trinity pl
***MARINE ENGINE & MACHINE** CO. (Electric & Hydraulic), 1123 B'way. Works, Harrison, N. J. (See insert opposite
†Meagher, T. H., 103 Walker
Moline Elevator Co., 378 W B'way
***MORSE, WILLIAMS & CO.** (Worm Geared, Electric, Hydraulic, Belt & Hand Power), 108 Liberty. (See adv. index, end of book)
National Elevator & Construction Co., 52 University pl
†N. Y. Elevator Supply & Repair Co., 152 Centre
*Otis Elevator Co. (Hydraulic, Electric, etc.), 17 Battery pl
†Pearson, McGlynn & Co., 92 Centre
Plunger Elevator Co., 156 5th av
*Portland Co. (Plunger), 1133 B'way
*Reedy Elevator Co., 407 W 14th
Salem Elevator & Machine Works, 21 Park Row
Sedgwick Machine Works (Hand & Belt Power), 110 Liberty
*See, A. B. Mfg. Co., 220 B'way
Sommerville, John, 146 W 28th
Standard Plunger Elevator Co. (Plunger), 1 B'way
STORM MFG. CO. (Hand & Belt Power, etc.), 113 Chambers. (See adv. index, end of book)
†Tracy Bros., 65 Dey
***WARNER ELEVATOR MFG. CO.** (Electric, Hydraulic & Hand & Belt Power, Passenger & Freight), 15 Park Row. (See adv. index, end of book)
Webb, A. P., 305 Pearl
Welsh Machine Works, 276 & 277 West. New York
***WINSLOW ELEVATOR & MA**CHINE CO. (Hydraulic, Electric, etc.), 160 5th av. (See adv. index, end of book)

(END OF NEW YIRK CITY.)

MOON ELEVATOR COMPANY,

Steam, Electric, Hydraulic, Belt Power and Hand Power

Passenger and Freight Elevators

S. E. Corner Eighth and Mullanphy Streets,

Dumb Waiters. ST. LOUIS, MO.

W. H. CRAIG & CO.,

BUILDERS FREIGHT AND HAND POWER **ELEVATORS**

Manufacturers' Agents for Electric, Steam and Hydraulic Elevators

Gates for Freight Elevators, Automatic and Half Automatic and all kinds of Elevator Supplies.

Office, 415 Sixth Ave. South, MINNEAPOLIS, MINN.

GUST LAGERQUIST,

Manufacturer of Direct and Belted Electric **Elevators** *Passenger, Freight, Power and Hand Power.*

Automatic and Half Automatic Gates and Dumb Waiters.

ELECTRIC MOTORS AND REPAIRING. 516-518 North Third Street, MINNEAPOLIS, MINN.

JOHN SIMON'S COMPANY

104-110 Canal St

E. C. BENEDICT, President.
A. S. BEVES, Treasurer.

F. S. HASTINGS, Vice-President.
J. B. M. SHOWELL, Secretary.

Marine Engine and Machine Company

ALL TYPES

ELEVATORS

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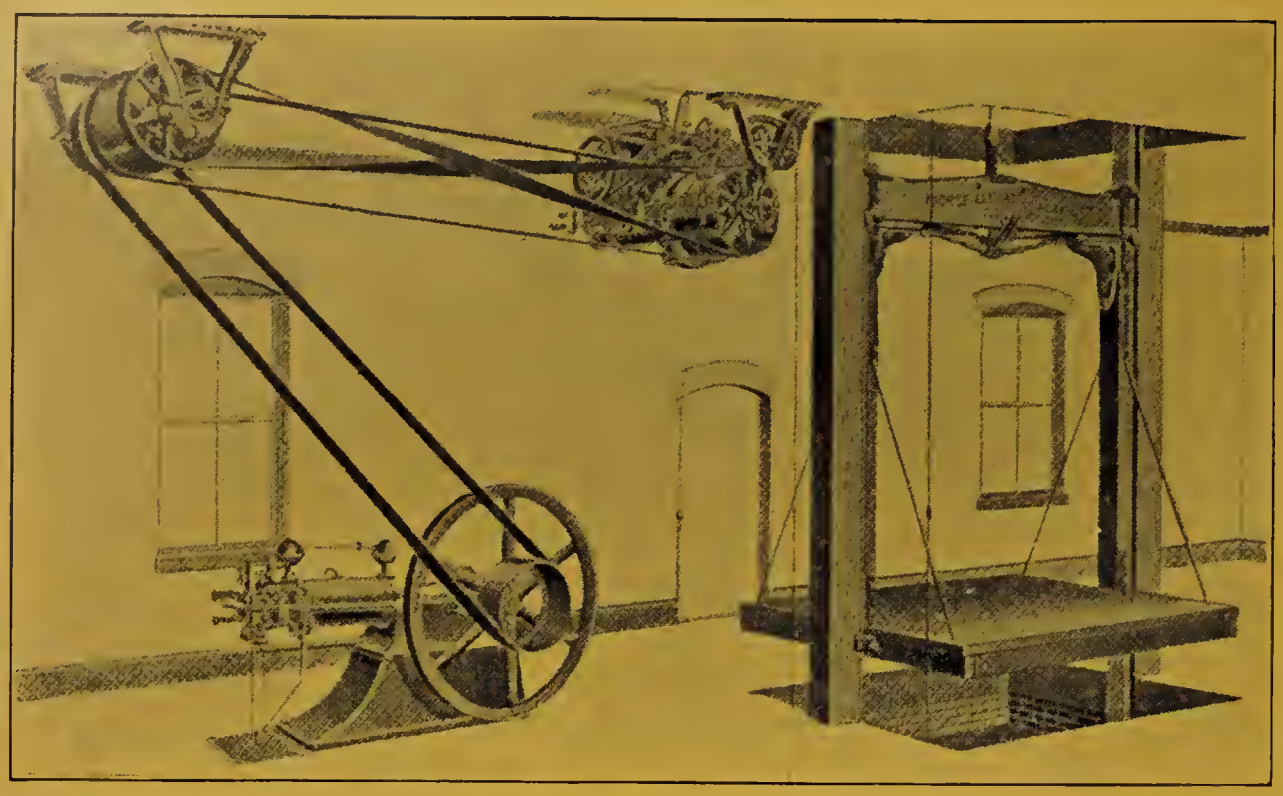
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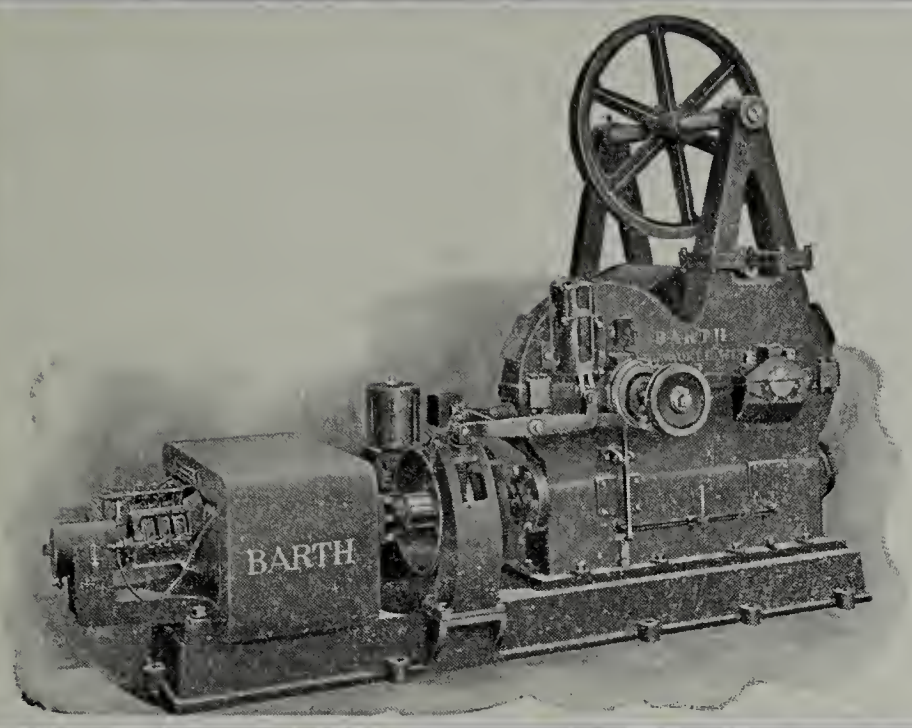
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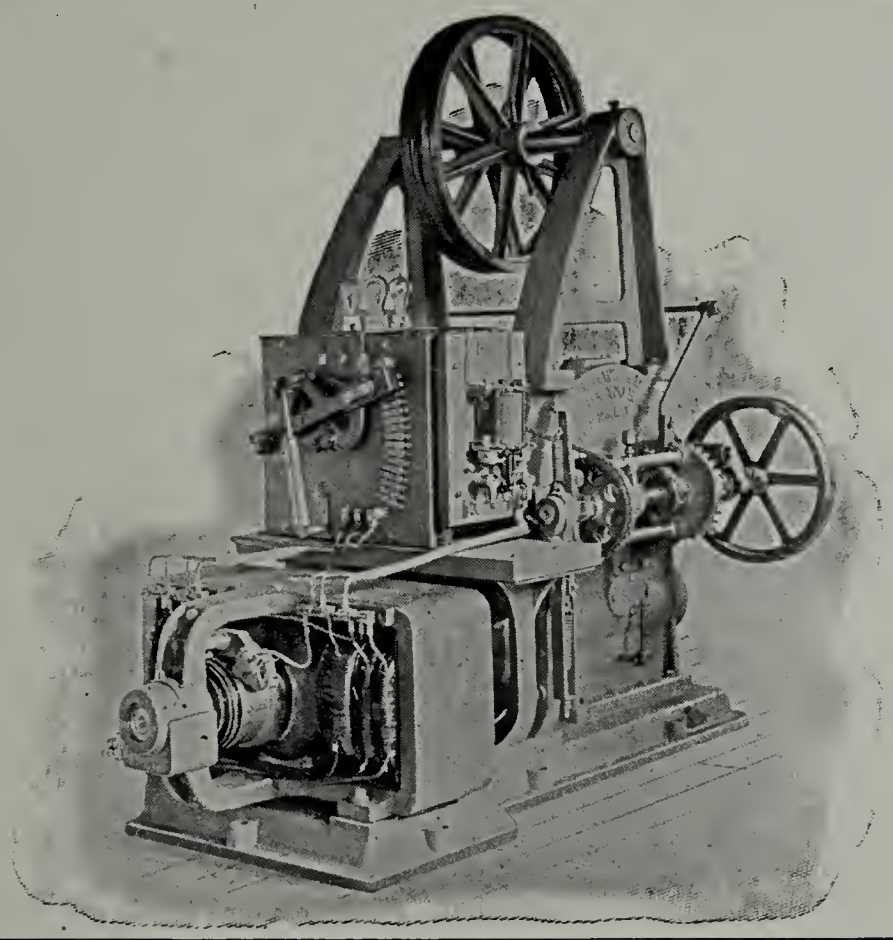
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American Machine Co., 534 E Main, Louisville, Ky.
Atlanta Elevator Works, 64 S Forsyth, Atlanta, Ga.

BARTH MFG. CO., Milwaukee, Wis. (See adv. index, end of book)
Bates, James, Sons, Pratt c President, Baltimore, Md.
Curran, Jas. H., Elevator Co., 114 W 2d, Cincinnati, O.
Dean-Whiting Elevator Co., 44 School, Worcester, Mass.
Faunt, Le Roy & Co., 451 North, Baltimore, Md.
Gardner Elevator Co., 21st & River, Detroit, Mich.
Hammond, J., & Co., c Townsend & 2d, San Francisco, Cal.
HOWARD IRON WORKS, Buffalo, N. Y. (See adv. index, end o fbook)
Kaestner & Co. (Inc.), 241 S Jefferson, Chicago, Ill.
M'ADAMS & CARTWRIGHT ELEVA-tor Co., 258 11th av, New York. (See adv. opp. preceding page)
MARINE ENGINE & MACHINE CO., 1123 B'way, New York. (See adv. index, end of book)
Marshall Bros., 21st & Mary, Pittsburg, Pa.
Miller, Wm. A., Elevator Co., 17 Pine, St. Louis, Mo.
MOON ELEVATOR CO., S E cor 8th & Mullanphy, St. Louis, Mo. (See adv. index, end of book)
MORSE, WILLIAMS & CO., West End Trust bldg, Phila., Pa. (See adv. index, end of book)
National Elevator & Construction Co., 52 University pl, New York
National Elevator & Machine Co., 116 N 7th, Phila., Pa.
NEW AMERICAN ELEVATOR CO., Columbus, O. (See adv. index, end of book)
Otis Elevator Co., 17 Battery pl, New York
Plunger Elevator Co., Barbers. Worcester.
Portland Co., 50 State, Boston, Mass. Mass.
Reedy, H. J., Co., 11 W 2d, Cincinnati, O.
REEDY, J. W. ELEVATOR MFG. Co., 91 Illinois, Chicago, Ill. (See adv. index, end of book)
R. I. Elevator & Machine Co., 18 Calendar, Providence, R. I.
Standard Plunger Elevator Co., Worcester, Mass.
UNION ELEVATOR & MACHINE CO., 144 Ontario, Chicago, Ill. (See adv. index, end of book)
WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, O., & 15 Park Row, New York. (See adv index, end of book)
Whittier Machine Co., 53 State, Boston, Mass.
WINSLOW ELEVATOR & MACHINE Co., 100 N Clinton, Chicago, Ill.; 160 5th av, New York; 326 4th av, Pittsburg, Pa.; Commonwealth bldg, Phila., Pa., & Clay & Liberty, Baltimore, Md. (See adv. index, end of book)

Elevators (Incline)

(See Stairways, Moving.)

Elevators (Invalid, Hand Power)

Haughton Elevator & Machine Co., Toledo, O.
MORSE, WILLIAMS & CO., 32 S Broad, Phila., Pa.; 108 Liberty, New York; 19 Pearl, Boston, Mass.; 58 S Broad, Atlanta, Ga., & 205 E German, Baltimore, Md. (See adv. index, end of book)
Murtaugh, Jas. Co., 202 E. 42d, N. Y.
Nazel Machine Tool Works, 1042 Ridge av, Phila., Pa.
Reedy, H. J., Co., 67 Elm, Cincinnati, O.
Sedgwick Machine Works, 110 Liberty, New York, & Poughkeepsie, N. Y.
SPEIDEL, J. G., c Buttonwood & Gor-don, Reading, Pa. (See adv. index, end of book)
STORM MFG. CO., ft Centre, Newark, N. J., & 113 Chambers, New York. (See adv. index, end of book)
UNION ELEVATOR & MACHINE CO., 144 Ontario, Chicago, Ill. (See adv. index, end of book)
WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, O., & 15 Park Row, N. Y. (See adv. index, end of book)
WARSAW ELEVATOR CO., Warsaw, New York, & Erie Bank bldg, Buffalo, N. Y. (See adv. index, end of book)

Elevators (Plunger)

(See also Elevator Builders.)
Dean-Whiting Elevator Co., 44 School, Worcester, Mass.
M'ADAMS & CARTWRIGHT ELEVA-tor Co., 258 11th av, New York. (See adv. opp. preceding page)
MARINE ENGINE & MACHINE CO., 1123 B'way, New York. (See adv. index, end of book)
Marshall Bros. (Freight), S 21st & Mary, Pittsburg, Pa.
Otis Elevator Co., 17 Battery pl, New York
Plunger Elevator Co., Barbers', Worcester. Mass.
Portland Co., Portland, Me., & 1123 B'way, New York
STANDARD PLUNGER ELEVATOR Co., 1 B'way, New York. (See adv. opp. preceding page)

(Elevators (Pneumatic)

MERRITT & CO., 1024 Ridge av, Phila., Pa. (See adv. index, end of book)
NORTHERN ENGINEERING WORKS, Chene & Atwater, Detroit, Mich. (See adv. index, end of book)

Elevators (Quicksilver)

Allis-Chalmers Co., N. Y. Life buldg, Chicago, Ill., & 71 B'way, New York
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.

Elevators (Sidewalk)

BARTH MFG. CO., 15th & St. Paul av, Milwaukee, Wis. (See adv. index, end of book)
BETHLEHEM FOUNDRY & MA-chine Co., South Bethlehem, Pa. (See adv. index, end of book)
Bowes, John J., 227 W 29th, New York
Cornell, J. B. & J. M., Co., 20th & 11th av, New York
Curran, Jas. H. Elevator Co., 114 W 2d, Cincinnati, O.
Dowdall, Chas. E., 152 W B'way, New York
ELEKTRON MFG. CO., (Electric), 60 Wilbraham rd, Springfield, Mass.; 179 Lincoln, Boston, Mass.; 156 5th av, New York; Washington Loan & Trust bldg, Washington, D. C., & 408 Orchard, Rochester, N. Y. (See adv. index, end of book)
Gordon Bros., 176 Wooster, New York
Haughton Elevator & Machine Co., Toledo, O.
Hoffman, Chas. W. Co., 223 W. 28th, New York
KIECKHEFER, A. ELEVATOR CO., 1026 St. Paul av, Milwaukee, Wis. (See adv. index, end of book)
Kohlmetz, Chas. E. & H. L., 180 N Water, Rochester, N. Y.
M'ADAMS & CARTWRIGHT ELEVA-tor Co., 258 11th av, New York. (See adv. opp. preceding page)
Maryland Foundry & Machine Co., 150 W. West, Baltimore, Md.
McLauthlin, Geo. T. Co., 120 Fulton, Boston Mass.
Marshall Bros., S 21st & Mary, Pittsburg, Pa.
Michel, Geo. J., 25 S Water, Rochester, N. Y.
Moline Elevator Co., Moline, Ill.
MORSE, WILLIAMS & CO., 32 S Broad, Phila., Pa.; 108 Liberty, New York; 19 Pearl, Boston, Mass.; 58 S Broad, Atlanta, Ga., & 205 E German, Baltimore, Md. (See adv. index, end of book)
Murtagh, Jas. Co., 202 E. 42d, New York
NEW AMERICAN ELEVATOR CO., Columbus, O. (See adv. index, end of book)
Pettitt, J. G., 31 Beale, San Francisco, Cal.
Reading Crane & Hoist Works, Reading, Pa.
Reedy, H. J., Co., 67 Elm, Cincinnati, O.
Sedgwick Machine Works, 110 Liberty, New York, & Poughkeepsie, N. Y.
Sidewalk Elevator Co., Scranton, Pa.
Sommerville, John, 146 W 28th, New York
SPEIDEL, J. G., c Buttonwood & Gor-don, Reading, Pa. (See adv. index, end of book)
STORM MFG. CO., ft Centre, Newark, N. J., & 113 Chambers, New York. ((See adv. index, end of book)
UNION ELEVATOR & MACHINE CO., 144 Ontario, Chicago, Ill. (See adv. index end of book)
U. S. ELEVATOR CO., 216 Dock, Phila., Pa. (See adv. index, end of book)
WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, O., & 15 Park Row, New York. (See adv. index, end of book)
WARSAW ELEVATOR CO., Warsaw, N. Y., & Erie Co. Bank bldg, Buffalo, N. Y. (See adv. index, end of book)

Elevators (Traveling, Coal)

Heyl & Patterson, 51 Water, Pittsburg, Pa.
WARSAW ELEVATOR CO., Warsaw, N. Y., & Erie Co. Bank bldg, Buffalo, N. Y. (See adv. index, end of book)

Elevators (Water, for Mine & Quarry)

BARTLETT, C. O. & SNOW CO., Cleve-land, O. (See adv. index, end of book)
JEFFREY MFG. CO., Columbus, O.; 41 Dey, N. Y., & Equitable bldg, Denver, Colo. (See adv. index, end of book)
Link Belt Engineering Co., Nicetown, Phila., Pa.; 47 Dey, New York, & Park bldg, Pittsburg, Pa.

Elevators & Conveyors (Ice)

(See Ice Handling Machinery.)

Eliminators

Egdir Supply & Equipment Co. ("Ridge"), Carbondale, Pa.
Nicholson, W. H. & Co. ("Wyoming," Automatic, Wilkesbarre, Pa.
Robertson, Jas. L. & Sons (Hine's), 204 Fulton, New York

Ells (Closet)

Wolverine Brass Works, Grand Rapids, Mich.

Emery Cloth & Papers

Baeder, Adamson & Co. (Cloth & Paper), 730 Market, Phila., Pa.; 67 Beekman, New York; 172 Lake, Chicago, Ill., & 68 High, Boston, Mass.

Emery Grinders

(See Grinders, Emery.)

Emery Steel Mfrs.

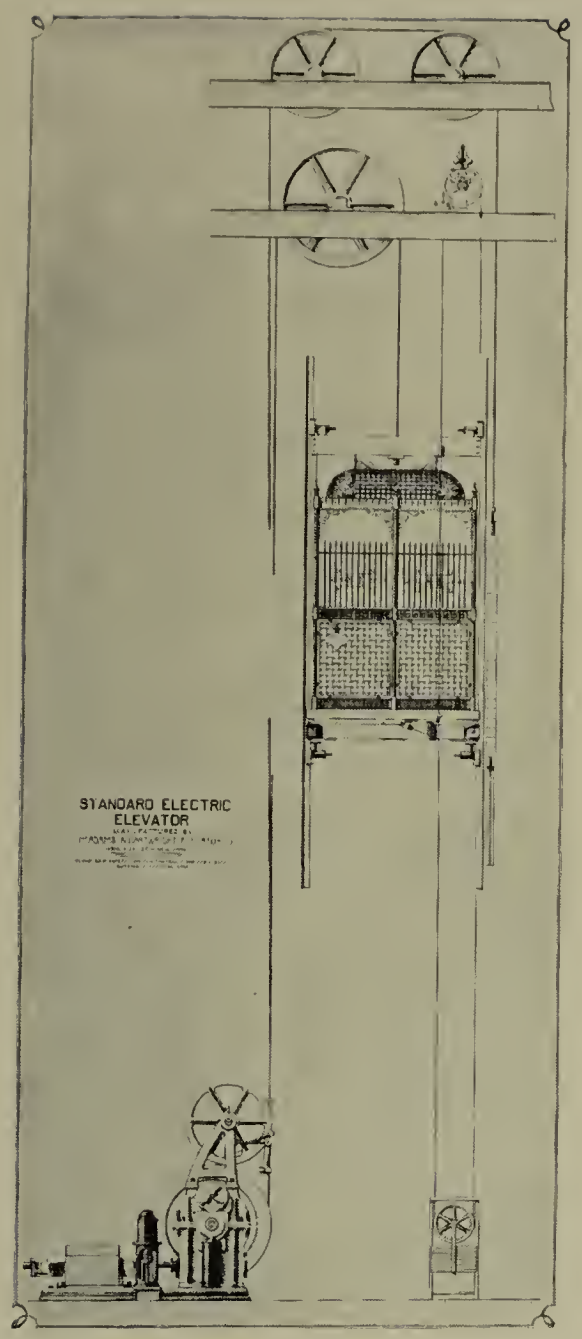
Pittsburg Crushed Steel Co. (Ltd.), Westinghouse bldg, Pittsburg, Pa.

Emery Stones

(See Stones, Emery.)

Emery Wheel Dressers

Bay State Stamping Co. ("Bennett"), Worcester, Mass.
Builders' Iron Foundry ("Challenge"), Providence, R. I.
Calder, Geo. H., Lancaster, Pa.
Challenge Machine Co., 3223 Turner, Phila., Pa.
Columbus Bolt Works, Randolph & Gorman, Columbus, O.
Curtin-Herbert Mfg. Co., Gloversville, N. Y.
Dayton Malleable Iron Co., Dayton, O.
Diamond Saw & Stamping Works ("Sterling"), 357 Seventh, Buffalo, N. Y.
Dickinson, Jno. (Est. of) (Diamond Pointed), 64 Nassau, New York
Dickinson, Thos. L., 45 Vesey, N. Y.
Emery Wheel Dresser Co. ("Metcalf"), Springfield, Mass.
Globe Machine & Supply Co. ("Culver Perfection"), 970 Hamilton, Cleveland, O.
Hayden, J. M. & Co., Grand Rapids, Mich.
Reed Mfg. Co., Erie, Pa.
Southington Cutlery Co., Southington, Conn.
Standard Screw Co. (Genuine Huntington), 2 N Canal, Chicago, Ill.



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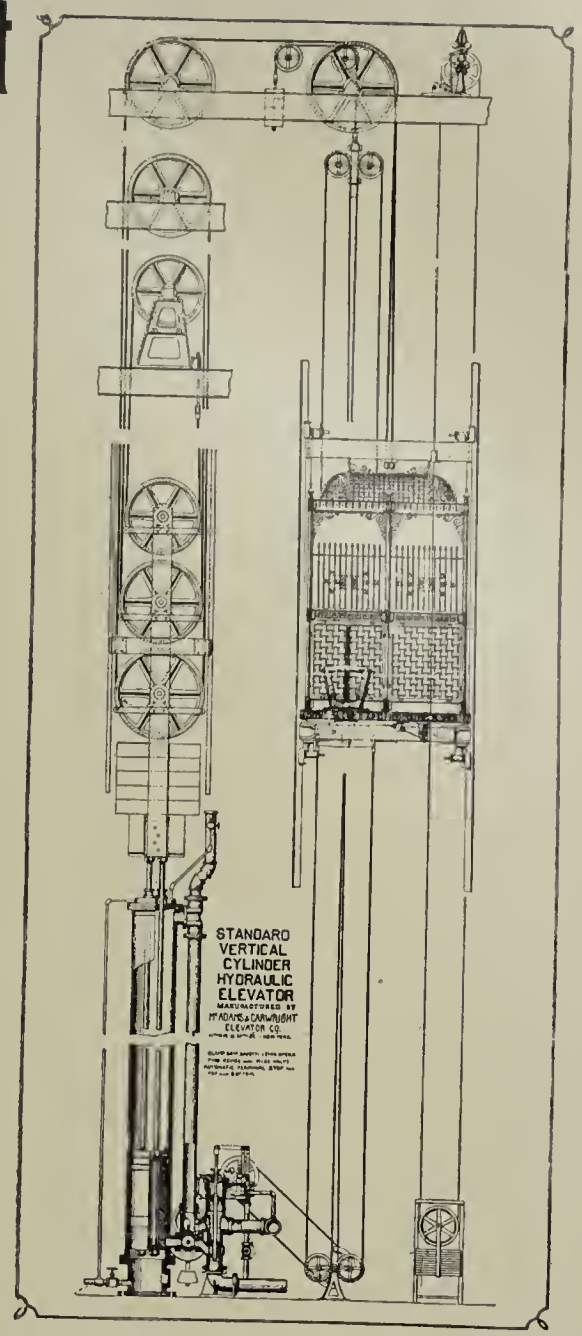
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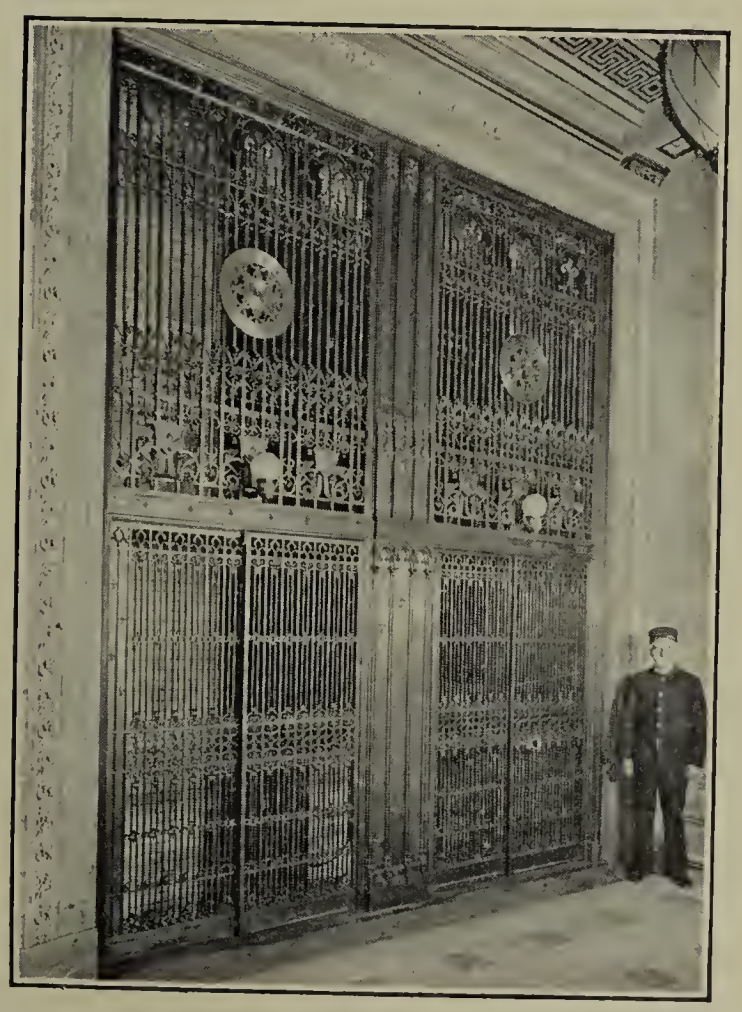
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Connecticut Life Insurance Co	Ernest Flagg, Architect.
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Standard Tool Co., 1260 Central av, Cleveland, O.
Star Corundum Wheel Co. (Ltd.), ("Huntington & King"), Detroit, Mich.
Stephen Bros. ("Desmond"), Urbana, O.
Sterling Emery Wheel Mfg. Co., Tiffin, O.
Tanite Co., Stroudsburg, Pa.
Wrigley, Thos., & Co., 300 Dearborn, Chicago

Emery Wheel Grinding Heads

Pratt & Whitney Co., Hartford, Conn.
Slotkin & Praglin, 210 Canal, N. Y.

Emery Wheel Polishing Frames

Pratt & Whitney Co., Hartford, Conn.

Emery Wheel Stands & Arbors

(See Emery Grinding Machines.)

Emery Wheels (Vulcanized Rubber)

Manhattan Rubber Co., 18 Vesey, New York
New York Belting & Packing Co., 91 Chambers, New York

Emery & Corundum Mfrs.

Abrasive Material Co., S 72d & Upland, Phila., Pa.
American Corundum Co. (For Abrasive Wheels), Bridgeport, Conn.
Ashland Emery & Corundum Co., 131 State, Boston, & Chester, Mass., & Perth Amboy, N. J.
Keystone Emery Mills, Frankfort, Phila., Pa.
International Emery & Corundum Co., 25 Broad, New York
Walpole Emery Mills (Turkish Emery & Crushed Corundum), S. Walpole, Mass.
Washington Mills Emery Mfg. Co. (Turkish Emery only), No. Grafton, Mass.

Emery & Corundum Wheel Mfrs.

Abrasive Material Co., S 72d & Upland, Phila., Pa.
Adams Co. (Emery, Cushing Bearing), Dubuque, Iowa
American Twist Drill Co., Laconia, N. H.
Bay State Emery Wheel Co., Worcester, Mass.
Bridgeport Safety Emery Wheel Co., Bridgeport, Conn.
Buffalo Emery Wheel Co. (M. Reich, Prop.), 16 Lock, Buffalo, N. Y.
Carborundum Co. (Carborundum Only), Niagara Falls, N. Y.
Chicago Wheel & Mfg. Co. (Emery), 40 W Randolph, Chicago, Ill.
Cortland Corundum Wheel Co., Cortland, N. Y.
Detroit Emery Wheel Co., c Jefferson & Field av, Detroit, Mich.
Electric Emery Wheel Co. (Emery), Newark, N. J.
Gold, Walter C., "The Keystone," 235 Race, Phila., Pa.
Hampden Corundum Wheel Co., Brightwood, Springfield, Mass.
HAMMACHER, SCHLEMMER & CO., 133 4th av, New York. (See adv. index, end of book)
Keystone Emery Mills, 4325 Paul, Phila., Pa.
Lancaster Peerless Emery Wheel Co., Lancaster, Pa.
Manistee Emery Wheel Co., Manistee, Mich.
Northampton Emery Wheel Co., Leeds, Mass.
Norton Emery Wheel Co., Worcester, Mass.
Peninsular Emery Wheel Co., Detroit, Mich.
Safety Emery Wheel Co., Springfield, O.
Southern Saw Works, Atlanta, Ga.
Springfield Mfg. Co., Bridgeport, Conn.
Standard Emery & Supply Co., Easton, Pa.
Star Corundum Wheel Co., Detroit, Mich.
Sterling Emery Wheel Mfg. Co., Tiffin, O.
Superior Corundum Wheel Co., Waltham, Mass.
Tanite Co., Stroudsburg, Pa.
Trenton Emery Wheel Co., Trenton, N. J.
Vitrified Wheel Co., Westfield, Mass.
Waltham Emery Wheel Co., Waltham, Mass.

Enamelers.

American Enamel Co. (Of Wood, Metal, etc.), Providence, R. I.

Enamels

Acme White Lead & Color Works, Detroit, Mich.
Adams & Elting Co., 155 W Wash'n, Chicago
American Enamel Co. (Japan, etc.), Providence, R. I.
Arnstein, Eugene, 35th & Shields av, Chicago
Aspinall, Edwin (Importer), 98 Beekman, N. Y.
ATLAS PAINT CO. (Ltd.), 2638 Liberty av, Pittsburg, Pa. (See adv. index, end of book)
Bigelow Varnish Co. (White), 356 Mulberry, Newark, N. J
Billings-Chapin Co., 37 Case av, Cleveland, O.
Billings, King & Co., 438 Pearl, N. Y., & 153 Congress, Boston, Mass.
BINSWANGER, B. & CO., 115 N 4th, Phila., Pa. (See adv. index, end of book)
Bowen's, S. Son, 4th & Venango, Phila., Pa.
Bradley & Vrooman Co., 2633 Dearborn, Chicago
Bridgeport Wood Finishing Co., New Milford, Conn.; 55 Fulton, New York, & 70 W Lake, Chicago, Ill.
Buffalo Enamel & Stain Co. (Paint), Ellicott sq, Buffalo, N. Y.
Burdsal, A. Co. (Porcelain), 102 S Meridian, Indianapolis, Ind.
Cawley, Clark & Co., 272 Passaic, Newark, N.J.
Chicago Varnish Co. ("Enamelite"), Dearborn av & Kinzie, Chicago; 66 High, Boston, & 22 Vesey, N. Y.
Chicago Wood Finishing So., 261 Elston av, Chicago, Ill.
De Ronde, Frank S. Co., 46 Cliff, N. Y., & 221 N. 4th, Phila., Pa.
Ernecke & Salmstein (Marble Paint for Walls & Ceilings), 295 Loomis, Chicago, Ill.
Forest City Paint & Varnish Co. (All Kinds), Cleveland, O.
Felton, Sibley & Co., 136 N 4th, Phila., Pa.
FRENCH, SAMUEL H. & CO., 4th & Callowhill, Phila., Pa. (See adv. index, end of book)
Gerstendorfer Bros. ("Star"), 231 E 42d, New York
Harrison Bros. & Co. (Inc.), 35th & Gray's Ferry rd, Phila., Pa.; 117 Fulton, N. Y.;
Lucas, John & Co., 4th & Race, Phila., Pa.
M'Lennan Paint Co. (Ltd.), 175-195 Rano, Buffalo, N. Y.
New Castle Paint & Varnish Co. (Rubber Paint), New Castle, Pa.
New Jersey Enamel Paint Co., Raritan, N. J.
Ohio Paint & Varnish Co., Findlay, O.
Peninsular Lead & Color Works (Ltd.), Detroit, Mich.
Phoenix Paint & Varnish Co. (Marbleite), 124 Market, Phila., Pa.
Piqua Paint & Putty Co. (Paint), Piqua, O.
Rinald Bros. (Porcelain, etc.), 1142 N Hancock, Phila., Pa.
Schlegel, Oscar Mfg. Co., 182 Grand, N. Y.
Smith, Edw. & Co., 45 B'way, N. Y.
Sovereign, G. E. (Rockford Top Dressing), Rockford, Ill.
Thompson, Thos. C., Wilmette, Ill.
THOMSON WOOD FINISHING CO., 115 N 4th, Phila., Pa. (See adv. index, end of book)
Toch Bros., 468 W. B'way, N. Y.
UNITED STATES GUTTA PERCHA Paint Co. ("Chinaline" for Interior Finish), 24 Mathewson, Providence, R. I. (See adv. index, end of book)
Wadsworth-Howland Co., Indiana av & 13th, Chicago
Wadsworth, Howland & Co., 84 Wash'n, Boston, Mass.
WATERALL, WM. & CO., 200 N 4th, Phila., Pa.
Wilhelm, A. Co., Reading, Pa.
Winn, Wm. R. (Paint), 143 Maiden lane, New York, & Springfield, Mass.

Enamels (Air Drying)

Arnstein, Eugene, 35th & Shields av., Chicago
Sherwin-Williams Co., 104 Canal, Cleveland, O.
Smith Paint & Varnish Co., 329 Chestnut, Milwaukee, Wis.
STANDARD VARNISH WORKS, 29 B'way, N. Y.; 2620 Armour av, Chicago, Ill., & 23 Billiter st, London, England. (See adv. index, end of book)
THOMSON WOOD FINISHING CO., 115 N 4th, Phila., Pa. (See adv. index, end of book)

Enamels (Aluminum)

Aluminine Paint & Polish Co. ("Peerless"), 704 W Lake, Chicago, Ill.
Arnstein, Eugene, 35th & Shields av, Chicago
Gerstendorfer Bros. ("G"), 231 E 42d, New York
Hommel, O., Co., Pittsburg, Pa.
Sherwin-Williams Co., 104 Canal, Cleveland, O.

Enamels (Baking)

American Enamel Co., Providence, R. I.
Arnstein, Eugene, 35th & Shields av, Chicago
Bowen's, S. Son ("Pecora"), 4th & Venango, Phila., Pa.
FRENCH, SAM'L H. & CO., 4th & Callowhill, Phila., Pa. (See adv. index, end of book)
M'Lennan Paint Co. (Ltd.), 175-195 Rano, Buffalo, N. Y.
Rinald Bros., 1142 N. Hancock, Phila., Pa.
Sherwin-Williams Co., 104 Canal, Cleveland, O.
Smith Paint & Varnish Co., 329 Chestnut, Milwaukee, Wis.
STANDARD VARNISH WORKS, 29 B'way, N. Y.; 2620 Armour av, Chicago, Ill., & 23 Billiter st, London, England. (See adv. index, end of book)
THOMSON WOOD FINISHING CO., 115 N 4th, Phila., Pa. (See adv. index, end of book)
Wilhelm, A. Co., Reading, Pa.

Enamels (Bath Tub)

Acme White Lead & Color Works, Detroit, Mich.
Aluminine Paint & Polish Co. ("Peerless" Aluminum), 704 W Lake, Chicago, Ill.
Arnstein, Eugene, 35th & Shields av, Chicago
Behlen, Herman & Bro., 5 N William, New York
Burdsal, A. Co., Indianapolis, Ind.
Devoe, F. W. & C. T. Raynolds Co. cor Fulton & William, New York
Ernecke & Salmstein, 295 Loomis, Chicago
FRENCH, SAMUEL H. & CO., 4th & Callowhill, Philadelphia, Pa. (See adv. index, end of book)
Lucas, John & Co., 322 Race, Phila., Pa.
McLennan Paint Co. (Ltd.), 175-195 Rano, Buffalo, N. Y.
Rinald Bros., 1142 N Hancock, Phila., Pa.
Sherwin-Williams Co., 104 Canal, Cleveland, O.
THOMSON WOOD FINISHING CO., 115 N 4th, Philadelphia, Pa. (See adv. index, end of book)
UNITED STATES GUTTA PERCHA Paint Co., 24 Mathewson, Providence, R. I. (See adv. index, end of book)
Wilhelm, A. Co., Reading, Pa.

Enamels (Bicycle)

Winn, Wm. R. ("Winn"), 143 Maiden lane, New York

Enamels (Brewers')

Acme White Lead & Color Works, Detroit, Mich.
FRENCH, SAMUEL H. & CO., 4th & Callowhill, Philadelphia, Pa. (See adv. index, end of book)
Hamrick Tank & Barrel Hard Shell Enameling Co., 3303 N 15th, Phila., Pa.
Lucas, John & Co., 322 Race, Philadelphia,
Nubian Paint & Varnish Co., Cragin, Chicago, Ill.
Sherwin-Williams Co., 104 Canal, Cleveland, O.

Enamels (Celluloid Color)

American Enamel Co., Providence, R. I.

Enamels (Gold, Washable)

Gerstendorfer Bros., 231 E 42d, New York

Enamels Iron)

Sherwin-Williams Co., 104 Canal, Cleveland, O.
THOMSON WOOD FINISHING CO., 115 N 4th, Phila., Pa. (See adv. index, end of book)
UNITED STATES GUTTA PERCHA Paint Co. ("Rice's" Oxidized Machine Enamel), 24 Mathewson, Providence, R. I. (See adv. index, end of book)

Enamels (Radiator)

(See also Enamels.)

Acme White Lead & Color Works, Detroit, Mich.
Aluminine Paint & Polish Co. ("Peerless" Aluminum), 704 W Lake, Chicago, Ill.
Arnstein, Eugene, 35th & Shields av., Chicago, Ill.
FRENCH, SAMUEL H. & CO., 4th & Callowhill, Philadelphia, Pa. (See adv. index, end of book)
Gerstendorfer Bros., 231 E 42d, New York
Sherwin-Williams Co., 104 Canal, Cleveland, O.
Lucas, John & Co., 322 Race, Phila., Pa.

Enamels (Stove Pipe)

Engel, Jno. & Co., 137 W. B'way, N. Y.
Gerstendorfer Bros., 231 E 42d, New York
Sherwin-Williams Co., 104 Canal, Cleveland, O.

Engine Governors (Steam)

(See Governors, Steam Engine.)

Engine Indicators (Steam)

(See Indicators, Steam Engine.)

Engine Stops (Speed Limit)

CONSOLIDATED ENGINE STOP CO. ("The Monarch"), 100 B'way, New York, N. Y. (See adv. opp. this page)
Locke Regulator Co. (Automatic), Salem, Mass.
Wright, J. K., 136 Liberty, N. Y.

Engine & Boiler Combined

American Iron Works, Des Moines, Ia.
Armstrong, James C., 830 S Washington, Peoria, Ill.
Atlas Engine Works, 19th & Martindale av, Indianapolis, Ind.
Burlingame, A. Co. (Portable), Worcester, Mass.
BYERS, JOHN F., MACHINE CO., Ravenna, O. (See adv. index, end of book)
Campbell, Wm. & Co., 6th & B'way, Cambridge, Mass.
Comstock Mfg. Co., Comstock, Mich.
Davis, Geo. E., Dubuque, Ia.
Farquhar, A. B. Co., York, Pa.
Freeman, S. & Sons Mfg. Co., Racine, Wis.
Frick Co., Waynesboro, Pa.
Geiser Mfg. Co., Waynesboro, Pa.
LAMBERT HOISTING ENGINE CO., Main Office & Works, 115-121 Poinier, Newark, N. J.; 85 Liberty, N. Y.; 117 Main, Cambridge, Boston, Mass.; 1715-1717 Market, Phila., Pa.; Lacock & Sandusky, Allegheny, Pa., 248-250 Water, Toledo, O.; 715-717 N. 2d, St. Louis, Mo.; 232 5th av., Chicago, Ill., & Stewart & Folsom, San Francisco, Cal. (See adv., front colored page)
LIDGERWOOD MFG. CO., 96 Liberty, New York, & Old Colony bldg, Chicago (See adv. front colored page)
McGill, Jno. W., 704 S Wash'n, Peoria, Ill.
Murray Iron Works Co. (Vertical), Burlington, Ia.
Orr & Sembower, Reading, Pa.
Roots, P. H. & F. M., Co., Connersville, Ind.
Salem Iron Works, Salem, N. C.

Engine & Boiler Supplies

(See Engineers' Supplies.)

Engineering Schools & Colleges.

ALABAMA.

AUBURN—Alabama Polytechnic Institute
UNIVERSITY—University of Alabama

ARKANSAS.

FAYETTEVILLE—Arkansas Industrial University
University of Arkansas

CALIFORNIA.

BERKELEY—University of California
PALO ALTO—Leland Stanford, Jr., University
SAN FRANCISCO—School of Practical Mining, Civil, Mechanical, Electrical Engineering, 933 Market
Sogswell Polytechnic College, 26th & Folsom
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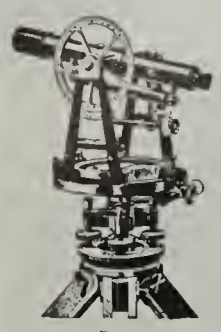
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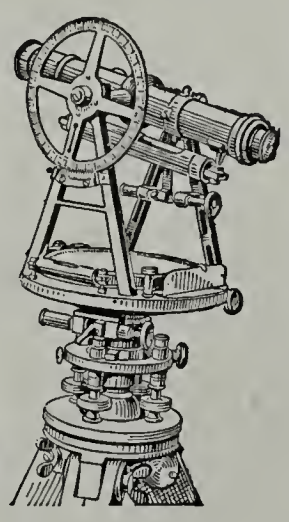
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Lane, D. C. (mining), Henne bldg
Large, I. N. (mining), Byrne bldg
Lippincott, P. B. (consulting), Byrne bldg
Lyle, R. H., 841 S Grand av
McCarty, C. C., Copp bldg
McLean & Probert (Mining), Bradbury bldg
McNamara & Tonkin (mining), 132 S. B'way
Macdonald, Wm. T. (Mining), 128 N. Main
Mauran, J. R., 512 Laughlin bldg
Matthiessen, F. W., Jr. (mining) Byrne bldg
Miller, R. G., Stimson bldg
Milner, J. F. (mining), 733 E 16th
O'Brien, J. E. (mining), Byrne bldg
Oxnam, T. H. (mining), 1026 Wall
Parker, O. K., Bradbury bldg
Pearson, J. M. (mining), Potomac bldg
Pillsbury, G. E. (consulting), Stimson bldg
Purcell, G. (consulting), 412 Wilcox bldg
Quinton & Olmsted (consulting), Laughlin bldg
Rask, T. J., 107 N B'way
Reeve, S. B., Stimson bldg
Richards, H. T., Wilcox bldg
Schuyler, P. D. (consulting), Douglas bldg
Severance, E. D., 107 N B'way
Skinner, Fredk W., 320 Stimson blk
Solano Alfred, Stimson bldg
Stafford, Harry F. (City)
Stevenson, H. J., 106 Hellman blk
Storrow, Samuel (mining), Douglas bldg
Syme, W. H., Bradbury bldg
Trask, F. E., Douglas bldg
Troeger, R. C. (consulting), 215 S Hill
Turner, Fredk W. (surveyor), 608 N Griffman
Wheeler, Hy. K. (Mining), Bradbury bldg
Wood, S. O., 225½ Stimson blk
Woodcock, B. E., 415 Currier bldg
Wright, Edw T. (& surveyor), 211 Stowell blk

LOS GATOS—Rockwith, W. E.
LOWDEN'S RANCH—Lowden, H. L.
LOWER LAKE—Evans, Luke
MARIPOSA—Harris, S. J.
MARKLEEVILLE—Ellis, John
MARTINEZ—McMahon, T. A.
MERCED—Dikeman, H. E.
Martin, C. D.
Ostrander W. H.
Stoneroad, W. P.
MERCED FALLS—Kelsey, George
MIDDLETOWN—Ransdell, J. W.
Stewart, James
MONTEREY—Little, W. C.
NAPA—Buckman, O. H.
NATIONAL CITY—Copeland, F.
Howard, O. E.
NEVADA CITY—Englebright, W. F.
NEWMAN—Waugenheim, J.
NICOLAUS—Drescher, P. E.
N. CUCAMONGA—Johnson, C. M.
OAKLAND—Boardman, W. F., 456 8th
Campbell, Marston, 64 Macdonough bldg
Clement, R. M., Macdonough bldg
Easton & Wilson, Macdonough bldg
Gray, J. W., 923 Linden
Hartzel, J. W., 902 B'way
Morgan, T. W., 1070 B'way
Smith, J. G. Co., Adeline nr 41st
Turner, F. C. (city)
OCEANSIDE—Dexter, Edward
ONTARIO—Trask, F. E.
ORANGE—Bathgate, Wm.
Halsted, J. T.
ORINDA PARK—Minto, Wm.
ORLAND—Knock, Thomas
PALO ALTO—Hamilton. E. G.
PASADENA—Allin, T. D., 101 E. Walnut
Clapp, W. B., 205 S Fair Oaks
Del Mar, Algernon (Mining), 351 Mary
Dewey, E. P., 40 E. Colorado
Ramel, H., City Hall
Rhodes, H. W., 822 E California
Sedgwick, J. W., 194 E Euclid
Stevenson Bros, 192 W Colorado
PASO ROBLES—Elliott, Van R.
Spurrier, G. F.
PETALUMA—Frost, W. S. (city)
PLACERVILLE—Crawford, J. J.
Kimball. G. W.
Price, D. H.
Sexton, J. E. (mining)
POMONA—Sanders, W. H. (city)
POWAY—Smith, M.
QUINCY—Keddie, A. W.
RED BLUFF—Healy, Lucien B.
Lunning, Wm F. (County Surv)
REDDING—Batzell, Alfred
Brackins, Sam R.
Greaves, J. M.
Zoellin, E. A.
REDLANDS—Chamblin, W. N.
Ford, Isaac
REDONDO BEACH—Bracewell, J. M.
REDWOOD CITY—Cloud, Joseph
RIALTO—Van Frank, H. M.
RIVERSIDE—Taylor, James T., Evans blk
SACRAMENTO—Beaumont, Duncan, 1014 G
Boyd, Jos. C. (city), Court House
Kieffer, Stephen E.
Winn, Adolphus G., 1317 24th
SALINAS—Davies, D. F.
Garver, J. H.
SAN ANDREAS—Coulter, A. H.
SAN BERNARDINO—Fickle, F. C. D.
Koebig, A. H.
Pope. J. B.
SAN DIEGO—Capps, A. V.
Capps, E. M.
SAN DIMAS—Mount, W. E.
SAN FRANCISCO—Adams, W. J. (Mining) 508 California
Alberger, W. C. (consulting), 610 Montgomery
Alberger, W. C. (consulting), 315 California
Bailey, Gilbert E. (mining), 415 Montgomery
Bailey, J. Murray (mining), 640 Market
Baker, Frank J., & Co., 325 Montgomery
Balcomb, J. B. (mining), 130 Union Sq av
Balliet, Letson, 1672 Post
Bandman, Chas. J. (mining), 508 California
Barber, Wm. B. (mining), 508 California
Barion, August, 938 Bryant
Bartholomew & Shanklin (mining), 508 Montgomery
Barton, Jas. G. (mining), 151 New Montgomery
Benjamin, E. H. (mining), 331 Pine
Benson, J. A., 507 Montgomery
Berg & Kearney (mining), 927 Market
Bienenfeld, Bernard, Crocker bldg.
Birge, F. E., Crocker bldg
Blanc, Amedee (mining), 123 Geary
Blood, Wm. F. (mining), Hayward bldg
Boss, Martin P. (mining), 309 California
Bowers, A. B., 105 Sansome
Bradley, F. W. (mining), Crocker bldg
Bromfield, Davenport (consulting), 3 Mills bldg
Brown, Jesse W. (mining), Hearst bldg
Brown, R. Gilman (mining), 310 Pine
Browne, Ross E. (consulting & mining), Nevada blk.
Brownell, Jas. S. (mining), 132 Market
Bryan, St. George T. C. (mining), 26 Montgomery
Burns, R. B. (surveyor), 644 Sacramento
Cahill, Edw. J., 508 California
California Engineering & Construction Co. (mining), 108 New Montgomery
Christie, Louis C. (consulting), 22 California
Clark, Fred'k A., 420 California
Cobb, Wm. L. (mining), Crossley bldg
Cochhorn, D. L., 504 Kearny
Connor & Grant (mining), Mills bldg
Corinson, Jacob (surveyor), 420 Montg'y
Cowden, J. B., 2098 Green
Crawford, Jno. J. (mining), Claus Spreckels bldg
Creighton, Philip O., 504 Kearney
Davidson, Geo. F. (consulting), 530 California
Davis, Reeves (mining), 11 Front
Doble, Robt. McF. (consulting), Rialto bldg
Donahoe, Peter B. (mining), 330 Pine
Draper, T. W. M. (mining), 230 Montgomery
Eckhart, Wm. R. (consulting). Nevada blk
English, Norris E. (mining), Claus Spreckels bldg
Falkenberg, R. A. (mining), Parrott bldg
Ferris, Jno. W., 320 Sansome
Freirmuth., Geo. H., 630 Market
Gabbs, Albert S. (Mining), 621 Fillmore
Galloway, Jno. D. (Consulting), 206 Kearney
Gaston, Paul (Mining), 306 Pine
Gibbes, J. T., 612 Clay
Gleaves, Jas. M. (Surveyor), 610 Commercial
Globe Engineering Co. (& Consulting & Mining), 15 New Montgomery
Goodwin, Robt. H. (Mining), 240 Montgomery
Grimwood, Chas. P. (Mining), Rialto bldg
Grunsky, C. Ewald (Consulting), City Hall
Gurnee, Clinton, 206 Kearney
Gutzkow, Fred'k (Mining), 28 Columbia sq
Haas, Edw. F., 320 Sansome
Hall, Leon M. (Consulting & Mining), Hayward bldg
Hall, Wm. Ham., 324 Haight
Hamilton, C. A. (Mining), Claus Spreckels bldg
Hanchett, Lewis E. (Mining), Crocker bldg
Hanchett, Lewis J. (Mining), Crocker bldg
Harker, Chas. S. (Mining), 606 Merchant
Hawkins, Edw. B. (Mining), 508 California
Heald's Business College (Mining), 24 Pine
Heald's School of Mines & Engineering (Mining), 130 Union Sq av
Heller, M. J., Crocker bldg
Hemenway & Miller, Hearst bldg
Hillis, Robt. J., 504 Kearney
Hindes, Stetson G. (& Consulting), 220 Market
Hoffman, Chas. F. (Mining), Nevada blk
Hoffman, Ross B., Nevada blk
Holcomb, Chas. H. (Mining), 88 9th
Holmes, Howard C., Ferry bldg
Hood, Wm., 4 Montgomery
Hoover, Theo. J. (Mining), 320 Sansome
Howard, Karl (Mining), 330 Pine
Howells, Julius M., Miller bldg
Irelan, Wm. Jr., Crocker bldg
Jackson, R. D.. Mills bldg
Janin, Louis, Nevada blk
Jens, Jno. C. (Mining), Claus Spreckels bldg
Johnson, R. E., 324 Pine
Keith, N. S., Nevada blk
Keller & Cheyney, Hayward bldg
Kellogg, Norman B. (& Mining), 420 California
Kelsey, Fletcher F. S., 206 Kearney
Kempert, Theo. (& Surveyor), 325 Montgomery
King, C. S. (Consulting, Mining), 137 Montgomery
Kuhlmann, F., 422 Sacramento
Langrehr, Hy. C. (Mining), Parrot bldg
Lawton, W. D., Mut. Sav. Bank bldg
Leechman, Jno. (Mining), 240 Montgomery
Leonard, Jno. B., Crossley bldg
Lightner, Hy. L. (Mining), 819 Guerrero
List, Chas., Crossley bldg
Livermore, N. B., Rialto bldg
Luckhardt, C. A. Co. (Mining), 73 Stevenson
Luckhardt, Wm. G. (Mining), 71 Stevenson
McCray, F. P., 508 California
McGlew, Jno. B. (Mining), 320 Pine
McMilan, Fred'k (Mining), 605 Merchant
MacKenzie, John H. (Mining), Crocker bldg
Manson, Marsden, 320 Sansome
Marriner, Chas. A. (Mining), Chronicle bldg
Maxwell, J. W. C. (Mining), 320 Sansome
Meddock, J. T. (Mining), 504 Kearney
Melliss, D. E. (Mining), 208 California
Miller, Wm. P., Crocker bldg
Milliken Bros., Rialto bldg
Milton, W. R., Chronicle bldg
Molera, E. J. (Consulting & Mining), 207 Sansome
Moore, Chas. C. & Co., 63 1st
Morton, R. F., 120 Sutter
Munch, Robt., 606 Montgomery
Noble, H. A., 1817 Laguna
Noyes, Wm. S. (Mining), Mills bldg
O'Brien, Walter D. (Mining), Parrott bldg
O'Shaughnessy, M. M. (Consulting & Mining), 2010 Eddy
Oldham, Jos. R., Hayward bldg
Packer Orville H. (& Mining), Mills bldg
Pattison, Jno. (Mining), 725 Mission
Paul, A. B. (Mining), Crocker bldg
Pope, John E., Crocker bldg
Postlethwaite, R. .H (Mining), 3349 Pacific av
Price,. Arthur F. (Mining), 526 Sacnamerto
Price, Thos. (Mining), 526 Sacramento
Price, Thos. & Son (Mining), 526 Sacramento
Radford, W. H. (Mining), 310 Pine
Ralston, Wm. C. (Mining), 331 Pine
Reilly, M. F., 602 California
Richards, Jno. (Consulting), 22 California
Ritner, H. M., 230 Montgomery
Roberts, Oliver L. (Mining), 1922 Sacramento
Rogers, E. B. (Mining), 212 Sansome
Roote, G. J., Hayward bldg
Rosenthal, Cerf (Mining), Clunie bldg
Scupham, Jno. R. (Mining), Crocker bldg
Sheath, A. G., Hayward bldg
Shenard, I. G., 16 Fremont
Smith, Howard D. (Mining), Rialto bldg
Smith, J. Geo., Hearst bldg
Smith, Julius H., 420 Montgomery

Smyth, W. H. Consulting), 101 Sansome
Solomon, Nathan (Mining), 322 Pine
Soule, Chas. Z., 11 Montgomery
Southard, A. B., Crocker bldg
Stahle, J. F. H. (Surveyor), 632 Market
Stevenot, E. K. (Mining), 1429 Mason
Stewart, Wm. H. (Consulting), 303 Calif
Storrow, Sam'l, Mills bldg
Sweeney, Geo. E. & Co. (Mining), 85 Fremont
Thurston, E. C. (Mining), Hayward bldg
Tilton, Chas. S. (City), 420 Montgomery
Tomkin, Hy. B. (Mining), 1419 Wash'n
Turner, H. W. (Mining), 320 Sansome
Van der Naillens School of Engineering, 113 Fulton
Vensano, Harry C., Crocker bldg
Vischer, Hubert, Flood bldg
Von Geldern, Otto, Flood bldg
Von Homeyer, B., Crocker bldg
Von Lelcht, Ferdinand (Mining), 2126 Pierce
Von Schmidt, Julius H., 816 Valencia
Wade & Cox, 1170 Market
Wagoner, Luther (Mining), 849 Chestnut
Wass, D. D. (Consulting), 36 East South
Wayte, W. J. (Consulting), 123 Calif
Webster(Edw., 916 Market
Wedekind, E. H. (Mining), Crossley bldg
Wheeler, M. A. (Mining). 2593 Post
White, Jas. S., Crocker bldg
Wilkinson, Jos. R., 405 Valencia
Willberg, Ernest N., 26 1-2 Kearney
Wilson, Henry T., 504 Kearney
Wilson, Wm. F., Parrott bldg
Wiltsee, Ernest A. (Mining), Crocker bldg
Wingate, Chas. B. (Mining), 222 Sansome
Wolf, J. H. G., Flood bldg
Wright, Wm. Q., Crossley bldg
Yard, H. H. (Mining), 331 Pine
Young, Wayland H. (Mining), 306 Pine

SAN JACINTO—Vail, R. M.
SAN JOSE—Barker, C. M. (City), City Hall
Fisher, H. B., 17 S 1st
Warner, A. B., Div. Eng., C. R. I. & P.
Herrman Bros., Martin's blk
McMillan & Piper (County), Court House
Sainsevain, Paul C., 250 Marliere
SAN LUIS OBISPO—Story, Geo.
SAN LUIS REY—Couts, C. J.
SAN MIGUEL—Gore, J. M.
Mennt, F. L.
SAN RAFAEL—Richardson, Geo. L.
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Cooper, A. S.
Harrington, J. R.
Poett, A.
SANTA CLARA—Moore, C. E.
SANTA CRUZ—Wanzer, Horace
SANTA MONICA—James, Thos. A.
SANTA PAULA—Orcutt, W. W., Hardware bldg
SANTA ROSA—Davis. P. R.
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SHERIDAN—Dougherty, Young
SIMMLER—Fairbanks, S. D.
STOCKTON—Atherton, Geo. A., Court House
Compton, H. T., 232 Main
SUSANVILLE—Ward, T.
TULARE—Barber, Emmet
UKIAH—Rice & Baltzell
Von Allen, William
VENTURA—Hare, E. T.
Isham, M. E. Laurel
VISALIA—Fowler, A. T.
Smith, C. D.
WATSONVILLE—Lewis, J.
WAWONA—Conway, John
WEAVERVILLE—Lowden, W.
WEST POINT—Lasey, A.
WHITTIER—Maxsom, G. W.

COLORADO.

AGUILAR—Bayles, W. S.
ALMA—Moynahan, A. E.
Powless, W. H.
APEX—Schneider, G. W.
ASPEN—Nyce, George W.
Paxton, Joseph
Wilcox, H. A.
BOULDER—Chase, E. A., 1236 Pearl
Drummond & Rogers, 1039 Pearl
Hall, H. C., 1120 Pearl
Teal, Geo. W.
BRECKENRIDGE—Cramer, Fred. C.
McDonald, W. H.
McElroy, John G.
Rickseker, L. E.
Smyth, N. V. V.
Walker, Geo. B.
Whipple, S. C.
BROOMFIELD—Rogers, E. L.
CANON CITY—Hall, L. C. (City)
Mitton, Chas. L.
Smythe, W. R.
CASTLE ROCK—Kaempfer, Tony
CENTRAL CITY—Lowe, Henry P.
Peregrine, J. D.
Rank, S. A.
Rickard, Forbes
Schnelder, Geo. W.
Todd, L. C.
COLORADO SPRINGS—Case, E. W.
De Vore, E. H., 20 El Paso Bank bldg
Dickerman, A. L., Dickerman bldg
Hills, Fred., 21 E Bijou
Luckraft, J. S., 714 N Weber
Palmer, C. E., Hagerman bldg
Sawyer & Garstin, 113 ½ Pike's Peak
Smit, E., 33 Hagerman
Walls, Norval W., Gazette bldg
Warner, A. B. (Div. Eng., C. R. I. & P.)
Weston, Wm., 9 P. O. bldg
Woodside, W. P., 41 Hagerman bldg
CONEJOS—Sampson, C. B.
COPPER ROCK—Binder, W. E.
Blaney, L.
CRAIG—Rose, W. H.
CREEDE—Butler, C. Y.
Rowley, H. C.
CRESTONE—Chapson, John E.
Cochran, W. H.
Ingols, J. Aug.
CRIPPLE CREEK—Ames, Edwin E., 200 Fairley blk
Arthur, Edward P., Jr., 24 Mining Exch
Brewster, J. K., Jr., 304 M
Chamberlin, John R., Fairley-Lampman bldg
Colwell, Alfred B., 27 Mining Exch. bldg
Crosley, F. W., Mining Exch. bldg
Darby, Thos. L. (Consulting, Water Works, etc.)
Fink, F. W., 27 Roseberry
Finn, Oliver B., 371 Ben
Haff, Edward L., Nat'l Annex blk
Harris, Wm., 1 Welty bldg
Hills & Willis, Mining Exch. bldg
Jones & Arnold, Neall bldg
Kennedy & Arnold, 111 N 3d
Leffingwell, W. H., 25 Mining Exch. bldg
Lloyd & Co., Geo. W., Nat'l Annex
Luckraft & Countryman, 445 Bennett
Miller, E. E., 105 E Carr
Moore, Chas. J., 60 Welty
Osborne, Arthur H., 105 Carr
Smith & Jaquith, Mining Exch. bldg
Strickland & Von Phul
CRYSTAL—Smith, W. S.
DEL NORTE—Cochran, W. H.
DELTA—Curtis, J. A.
DENVER—Adams, Chas L. (Mining), Cooper bldg
Allen, C. P., McPhee bldg
Argall, Philip, Equitable bldg
Baker, G. R., Equitable bldg
Bancroft, Geo. J. (Mining), Exchange bldg
Bardy, Wm. & Co. (Mining), Boston bldg
Beatty, A. C. (Mining), McPhee bldg
Boehmer Max (& Mining), Jacobson bldg
Bonnevie & Lee (Consulting), 527 17th
Brace, W. C. (Mining), Equitable bldg
Brandes, J. F., Equitable bldg
Brunton, D. W. (Mining), 808 17th
Bulkley, Frank (Mining), Equitable bldg
Bulkley, Fred'k G. (Mining), 420 18th
Butler, Chauncey E. (Mining), 3253 Quitman
Caldon, J. D. (Mining), 808 17th
Chase, Edwin E. (Mining), Equitable bldg
Chauvenet, Regis, Equitable bldg
Clark, Frank H. (Mining), Exchange bldg
Colvin, C. K. (Mining), Coronada bldg
Comstock, C. W. (Mining), Boston bldg
Coplen, J. D. (Mining), Kittredge bldg
Cramer, Fred C. (Mining), Exchange bldg
Croft, W. S. Prof. (Mining Expert), 1217 Champa
Curtis, L. B. (Mining), 1727 Champa
Darby, T. L. (Mining), Exchange bldg
Deems, Chas. W. (Mining), Cranmer bldg
De Nise, Geo. R., Cranmer bldg
Denver Engineering Works Co. (Mining), Blake c 30th
Dewey, C. E., Cooper bldg
Doveton & Purington (Mining), Majestic bldg
Draper, M. D. (Mining), 2026 W 37th av
Duvall, Z. T., Exchange bldg
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Farish, Wm. A. (Mining), Equitable bldg
Finch, J. W. (Mining), Jacobson bldg
Foreman, D. H. ,Coronado bldg
Foster, Ernest Le Neve (Mining), Masonic Temple
Fueller, C. M. (Mining), 1750 Calif
Furman, H. Van F. (Mining), Boston bldg
Gibson, G. W. (Mining), McPhee bldg
Godshall, L. D. (Mining), Equitable bldg
Grant, Robt. J. (Mining), Cranmer bldg
Graves, Abner (Mining) Bank blk
Hardinge, H. W. (Mining), Cranmer bldg
Hewitt, E. A. (Mining), 318 Symes blk
James, G. D. (Mining), Exchange bldg
Kellogg, E. H., Quincy bldg
Kinnon, W. H. (Mining), Coronado bldg
Lawrence, B. B. (Mining), Boston bldg
Liddell, Chas. A. (Mining), P. O. Box 353
Liddell, T. Parker (Mining). P. O. Box 353
Limbach, E. C. (Mining), 618 18th
Lindemann, E. C., Prof. (Mining Expert), 1559 Emerson
Lowe, Henry P. (Mining), Adams Hotel
Luckenbach, M. A. (Mining), Cooper bldg
McClurg, J. A. (Mining), Majestic bldg
McFadden, Geo. B. (Mining), 1543 Champa
McNeil, Jno. (Mining), Equitable bldg
McReynolds, O. O. (Mining), Equitable bldg
MacFarlane, Jas. (Mining), McPhee bldg
Mathez, Auguste (Mining), Cooper bldg
Middleton, C. H. (Mining), Equitable bldg
Miller, David G. (Mining), Equitable bldg
Miller & White (Mining), Jackson bldg
Milliken, W. B. (Mining), 1729 Champa
Minard, F. H. (Mining), Equitable bldg
Mitchell, A. J. (Mining), 728 16th
Moore, Chas. J. (Mining), Kittredge bldg
Ober, Geo. F. (Mining), Exchange bldg
O'Brian, Peter (City Engineer), City Hall
O'Brian & Rhoades, Nasau bldg
Odenheimer, John M., 1549 Lawrence
Page, Wm. Byrd (Mining), Equitable bldg
Patterson, G. Hutton (Mining), 1824 Curtis
Peck, Ira F. (Mining), Kittredge bldg
Peck, Wm. A., 1643 Champa
Rickard Forbes (Mining), Equitable bldg
Rogers, E. L., 1643 Champa
Rule, W. M. (Mining), 532 Temple Court
Sanderson, H. S. (Mining), 1824 Curtis
Saunders, C. A. (Mining), Jacobson bldg
Schlessinger, T. S. (Mining), Quincy bldg
Schwarz, Theo. E., Colorado bldg
Sebben, Edw. W. (Mining), Exchange bldg
Shattuck, O. F. (Mining), Mining Exchange bldg
Shirley, S. J. (Mining), Enterprise blk
Snedaker, Jas. A. (Mining), Equitable bldg
Stearns-Rogers Mfg. Co. (Consulting), 1724 Calif
Stockder, Moritz (Mining), Quincy bldg
Torrey Exploration Co. (Mining), 1726 B'way
Tyler, Sydney W. (Mining), Exchange bldg
Ulrich, J. C. (& Consulting), Coronado bldg
Van Cortlandt, E. N. (Mining), Cooper bldg
Walter, R. J. (Mining), Jackson bldg
Watkins, F. S. (Consulting), Arapahoe bldg
Welles, A. M. (Civil & Mining), Equitable bldg
Wilkes, Gilbert & Co. (Consulting), 435 17th
Wilkinson, Thos. L. (Consulting), Boston bldg
Wilson, Nat., Equitable bldg
Witham, Jos. D. (Mining), Equitable bldg
Withers, Thos. (Mining), Exchange bldg
Wrigley, R. F. (Mining), Charles bldg
Wuensch, Alfred F. (Mining Expert & Consulting), 1220 Corona
DURANGO—Burwell, Blair
Harper & Harper
Jones, Finney
Tiffany, J. E.
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Gilfillan, John A.
Kittredge, John W.
FLORENCE—McFall, A. B.
FT. COLLINS—McAnelly, E. C.
Rist, Wm.
FT. MORGAN—Baker, R. T.
FULFORD—Cooper, J. D.
Daggett, O. W.
GEORGETOWN—Marsh, George E.
Morris, Chas. H.
GILLETT—Codding & Robinson
GLENWOOD SPRINGS—Rosenberg, Theo
Trumbor, W. H.
GOLDEN—Berthoud, E. L.
Small, H. B.
GOLDFIELD—Adams, J. R
GRAND JUNCTION—Haskell, Chas. W.
GREELEY—Baker & Walter
Stimson, L. L.
Walters, R. T.
GUNNISON—Alkine, O. H.
Dofflemyer, J. A.
HOTCHKISS—Cavalier, N. T.

HOWARDSVILLE—Trippe, T. M.
IDAHO SPRINGS—Stephens & Barbour
Underhill, James
Ventress, A. J.
Wiley, W. H.
LA JUNTA—Lewis, F. T.
LAKE CITY—Abbott Bros. (J. J. & Jas. W.)
De Nise, Geo. R.
LAS ANIMAS—Beach, C. W.
Beach, Frank
LEADVILLE—Boehmer, Max, 501 Harrison av
Holland, Geo., Union blk
Jaycox, T. W., 8 Chicago blk
McNair, F. J., Quincy blk
Platt, Howard, 431 Harr
Smith, W. L. G., Chicago blk
Thielen, Alfred, 19 Boston
LONGMONT—Calkins, C. C.
MANCOS—Mills, Geo.
MARBLE—Mitchell, A. J.
MONTROSE—Sawyer, E. B.
Winters, J. C.
OSIER—Law, Geo.
O'Rourke, M.
OURAY—Biddlecom, F. L.
Russell, H. H.
Whinnerah, Richard
PUEBLO—Greene, J. S., 318 Central blk
Hathaway, E. W., 109 New Pope
Knight, C. C., 401 Central
REDCLIFFE—Crest, Ben L.
Cooper, J. B.
SALIDA—Spray, S. J.
SILVER CLIFF—Heinman, L. A.
SILVERTON—Dyson, James
Hollis, R. W.
Holt, M. B.
Hunt, E. W.
Kennedy, G. A.
Trippe, T. M.
STEAMBOAT SPRINGS—King, Preston
SULPHUR SPRINGS—Gregg, W. C.
SUNSET—Hedman, J. F.
TELLURIDE—Frenzel, A. R.
Gibbs & Greenwood
Gilkerson, H. G.
Lay, H. C.
Litchfield, A. B.
TIN CUP—Morris, H. R.
TRINIDAD—Knickerbocker, C. H.
VICTOR—Bodfish & Atherton, 11 Doyle blk
Davis & Byler, Bank
Sharp, Chas.
Stevens, E. A., 106½ 4th
VILLA GROVE—Atwood, T. J.
WALSENBURG—Foote, Arthur A.
YUMA—Edwards, Ira.

CONNECTICUT.

ANSONIA—Hall, Jas. S. (City Engineer)
Wheeler, Joel M., 82 N Cliff
BERLIN—Bradley, Dan'l E.
Sage, Geo. H.
Stearns, Elmer W.
BRIDGEPORT—Berrian, R. M. (Eng. Dept. N. Y. N. H. & H. R. R. C.)
Ford, Theo. B.
Hastings, F. B.
Heft, N. F.
Hull, B. H., 1022 Main
Jaynes, Frank B.
Jameson, M. S.
Law, Arthur P.
Palmer, Wm. B., 1022 Main
Scofield & Ford, 202 State
Starr, Wm. W., 211 State
Sterling, Paul
Stoddard, R. F.
Slater, Frank (Consulting)
Ward, Edw. T. (Consulting)
Welton & Bonnett, 77 Bank
BRISTOL—Atkins, Roswell
McLean, Geo. H.
CLINTON—Weaver, Halsey A.
COLCHESTER—Williams, Danl T.
DANBURY—Bacon, John W.
Brown, Charles O.
Pearce, C. E.
DANIELSON—Nichols, C. H.
Pike, Wm. K.
DERBY—Brinsmade, Danl S.
Eckhart, M. E.
Johnson, George A., 90 Main
Smith, G. E.
EAST HARTFORD—Olmsted, C. Henry
FARMINGTON—Potter, Danl. C.
Wadsworth, A. R.
GREENWICH—Miner, Sheldon E.
Peck, Leon F.
Rungee, Edw. J.
HARTFORD—Allen, Julian S., 853 Prospect av
Ayres, Henry W. (Hydraulic), 66 State
Belden, Clifford H., 217 Laurel
Bond, Geo. M., 141 Wash'n
Buck, Henry R., City Eng. office, 800 Main
Bunce, Charles H., 800 Main
Burt, Luther W., 39 Pearl
Bush, Edw. W.
Caum, Frank (Supt Hartford St. Ry.)
Clark, Herbert G.
Clark, Roscoe N. (C. E. Dept. of Public Parks)
Cole, Clinton L.
Corson, Wm. R. C.
Crawford, Chas. M.
Crawford, Norman Mc. D.
Curtis, Theo. A.
Curtis & Johnson, 926 Main
Davis, F. Irwin
Drake, Timothy, 758 Asylum
Farnham, Chas. S.
Ford, Frcdk. L. (City), 800 Main
Gallup, C. M.
Graves, Edwin D. (Consulting), 650 Main
Hamilton, Morrison C.
Harte, Jno.
Henderson, Jno. F.
Hoyt, Frank N.
Ingraham, Edw. R.
Johnson, Wm. D.
Jones, E. J.
Kitchen, F. H.
Lawton, E. F.
Loomis, Frank W. (Surveyor), 114 Pearl
Luther, F. S., Jr.
Murphy, J. P.
Noble, Edw. J.
O'Connor, Don
Owen, Elijah H.
Parker, G. A.
Perkins, T. C. & Co. (Consulting), 44 Capitol
Phelps, Jas. W.
Robinson, S. W.
Rollins, R. W.
Shaughnessy, Jas. F.
Smith, H. H.
Snell, T. C. B.
Souther, Henry (Consulting), 44 Capitol
Spencer, N. C.
Starkweather, Nathan, 948 Asylum
Stone, E. M.
Taylor, W. T.
Thomas, Jas. B.
Vorce, C. B. (Consulting), 80 Pearl
Washburn, A. L.
West, M. H.
Wirth, Theo.
Wolcott, H. A., 49 Pearl
Young, Chas. L., Jr.
LAKEVILLE—Pettee, Wm. E.
MERIDEN—Clark, W. S. (City)
De Peysler, Fredk.
Lane, Jno. S.
Moss, E. B.
Pierson, S. C. (City)
Pike, E. N., 37 Colony
Pike, Robt. G.
Sellars, P.
MIDDLETOWN—Augur, E. P. (City)
Belden, Edgar T.
Bishop, Geo. H.
Peck, Ermon
Wilcox, Ralph M. (City)
MILFORD—Clark, Vincent B.
NAUGATUCK—Ham & Tuttle, 98 Church
NEW BEDFORD—Coggeshall, R. C. P. (Supt. Public Works)
NEW BRITAIN—Bacon, Arthur W.
Cadwell, Wm. H., 213 Main
Chase, Chas. F.
Jarvis, Chas. M.
Oldershaw, H. (City)
Penfield, Geo. W.
Rice, Arthur W.
Unkelbach, M. J.
NEW HARTFORD—Smith, Robt. R.
NEW HAVEN—Amrhyn, G. H.
Barney, Sam'l E. (Prof. C. E., Yale University)
Blakeslee, Clarence, 598 George
Bogart, Jas. P., 82 Church
Buddington, J. E. (Consulting), 828 Church
Cahn, Alex., 82 Church
Carlisle, Harry E., So. N. E. Telephone Co.
Chittenden, R. H. (Dean in Yale University
Du Bois, A. J. (Prof. C. E., Yale University)
Ellsworth, F. H.
Esterbrook, F. J. (Asst. Eng. N. Y., N. H. & H. R. R.Co.)
Everit, Edw. H.
Ferry, Chas. A., 82 Church
Fuller, Aubrey D.
Fulton, W. H.
Gladding, Hnery H. (Asst. City Eng.)
Gillette, G. W. F.
Hadley, A. T. (Pres. Yale University)
Hawley, Arthur S.
Hill, Albert B. (Consulting), 82 Church
Ingersoll, C. M., Jr.
Jackson, J. Fredk.
Jones, Walter A.
Kelly, C. W. (City), City Hall
Kellogg, Henry J.
Lee, Edwin M.
Maloney, D. J.
Maloney, F. A.
Merrels, C. W.
Minor, Edw. E.
Moore, W. H.
Nettleton, Edw. S.
Nichols, Chas. H. (Consulting), 865 Chapel
Osborne, F. H.
Pratt & Boltwood (Mining), 139 Orange
Punderford, J. K.
Rungee, Edw. J.
Ryder, Ely M. T.
Sanford, D. C., 42 Eld
Searle, S. W. (& Surveyor), 70 Church
Spencer, W. T.
Sperry, A. Wm., 82 Church
Stiles, E. H.
Terry, A. H.
Tracy, J. C.
Verrill, G. E.
White, H. E.
Whitney, E.
Wiggin, E. W.
NEW LONDON—Crandall, Geo. K.
Daboll, Loren E.
Farrow, Cortland R.
Hazeltine, Louis R.
MacMahon, Robt. Q.
Manning, Geo. E.
Powell, Chas. F.
Richards, W. H., 181 State
Sweeney, James, 80 State
NORFOLK—Brown, Edmund (Supt. & Eng. of Norfolk Water Co.)
NORWALK—Briggs, W. C., 106 Washington S N
Hanford, Horance D., 1 Belden av, N
Hoyt, Sam'l U., Jr.
Jessup, J. C., Jr.
Knapp, Wm. S., 97 Washington, S N
Raymond, F. A., 6 Harnott, N
Rider, Wm. B., 74 West av, S N
Wood, C. N. (City), 32 Main, N
NORWICH—Chandler, Chas. E.
Knight, Herbert M.
Palmer, Shepard B.
Pitcher, Geo. E., 49 Shetucket
OID SAYBROOK—Sperry, H. W.
POMFRET—Sabin, Ralph J.
PORTLAND—Hale, Percy T. W.
PUTNAM—Clark, Edgar
RIDGEFIELD—Seymour, W. O.
ROCKVILLE—McKnight, Jno. T. (City)
SALISBURY—Pettee, W. E.
SHELTON—Brinsmade, Daniel E.
SOUTHINGTON—McKenzie, Thos. H. (Sanitary & Hydraulic)
SOUTH KILLINGLY—Pike, Geo. W.
SOUTH MANCHESTER—Adams, Julius L. (Chief Eng'r H. M. & R. T. Co.)
Cheney, Richd. O., Jr.
SOUTH NORWALK—(See Norwalk)
STAMFORD—Cochrane, Wm. B.
Hathaway, Benj. F., 19 Relay pl
Nash, Paul
Parsons, Harold A. (City)
Pierce, W. B., Stamford Saving Bk. bldg.
Wardwell, F. S.
Whitney, G. E.
STORRS—Wheeler, C. A.
STRATFORD—Morehouse, Wm. C.
Wilcoxson, Albert
THOMASTON—Eddy, Chas. W.
TORRINGTON—Shelton, W. M. P.
Wadhams, Jos. P.
WALLINGFORD—Davis, Henry L.
McLean, Alex. J.
WATERBURY—Bonnett, Wm. W.
Cairns, Robt. A. (Hydraulic, Sanitary & City, 9 Leavenworth
Eddy, Chas. W.
Goss, Edw. O.
Lewis, Robt. P.
Patton, Arthur J., 63 Bank
Reynolds, Wm. B. (Surveyor), 63 Bank
Smith, W. G., 144 Bank
Thompson, Hugh (Consulting), 57 N Main
Welton, N. J. (Hydraulic)
WEST HARTFORD—Alderson, A. B. (Town Engineer)
Beach, Chas. E.
Hall, A. Clark
Johnson, Wm. E.
Peck, Ermon M.
WEST HAVEN—Forbes, H. D. B.
Gazel, Edw.

Heitman, Adrian C., Jr.
Palmer, G. E.
WILLIMANTIC—Card, Huber D.
Fenton, Robt. (City)
Mitchell, Robt. E.
WINSTED—Bradford, G. M.
Hulbert, Robt. S.
YATESVILLE—McKenzie, J. M.

DELAWARE.

CENTREVILLE—Dilworth, Horace
MIDDLETOWN—Burtis, H. B.
WILMINGTON—Carswell, Wm., Ford bldg
Hope & Tissel (Consulting), 919 Market
Kimmey, Wm. A., 511 King
Leisen, Theo. A., 1621 Lovering
Tatnall, Geo. (Consulting), 1411 Harrison

DISTRICT OF COLUMBIA.

WASHINGTON—Alexander, Jno. F., 458 La av, N. W.
Atlee, Walter, 613 15th, N. W.
Averill, H. K., 1479 Columbia rd, N. W
Baltimore Engineering Co., Corcoran bldg
Benton, W. H. (& Surveyor), 930 F, N. W.
Berrall, Jas. (& Surveyor), Bond bldg
Bostrom, A. O., 531 7th, N. E.
Calvert, Chas P. (Surveyor), 908 E. Capital
Chittenden, Geo. B., 3401 16th, N. W.
Colonna, B. A., 1413 G, N. W.
Coyle, John M., 932 K, N. W.
Cullen, Orlan, 705 G, N. W.
Douglas, W. J., 1412 29th, N. W.
Douglass, W. Boone, 323 Md. av., S. E.
Emack, Edw. G., 902 F, N. W.
Herman, Bernard, 702 H, N. W.
Howell & Taylor (& Surveyor), 605 12th, N. W.
Lang, John C., 416 6th, N. W.
Lannan, E., 606 5th, N. W.
Latimer, Wm. J. (Surveyor), 27 Harrison, Anacostia
Miller, Melville W. (Asst. Secy. of the Interior)
Myers, Finney & Morrison (Consulting Elec. Ry. Power Lighting, Industrial Plants, etc.), Bond bldg
Phillips, R. H., 1406 G, N. W.
Pohlers, Geo. F., 136 Seaton, N. W.
Power, Thos. W., 902 F, N. W.
Pushaw, Chas. P. (Mining), Bond bldg
Ritter, G. P.., 908 G, N. W.
Sample & Morrison (Consulting Structural), 704 14th, N W
Sunderland Bros., Wash. Sav. Bank bldg
Upton, Wm. B. Co., 902 F, N. W.

FLORIDA.

JACKSONVILLE—Ellis, R. N., 24 E 2d
LeBaron, J. Francis, Smith bldg
Overstreet, Walter, 18 Market
Prioleau, Philip (City)
KEY WEST—Dobarganes, R., 1022 Duval
OCALA—Morehead, James
Rogers, D. D.
PENSACOLA—Siebeck, D. L., 1027 E Gadsden
ST. AUGUSTINE—Thompson, E. B.

GEORGIA.

ATHENS—McCulloch, James
Stanley, T. P.
ATLANTA—Angier, Hugh, 36 Capitol sq
Baylor, Henry B., 20 Bedford pl
Clayton, R. M. (City), 244 Capitol av
Davenport, J. A., 186 Crew
Hall Bros., 409 Temple Court
Ludwig & Co. (Consulting), Empire bldg.
Nalley & Nalley, Austell bldg
Pratt, N. P. (Chemical & Mining), 88 Auburn av
Robert, B. F., Court House
Robert & Kauffman (Surveyors), Court House
Rogers, Ransom, 626 Empire
Ruff, S. Z., 275 Lawton
Sheffield, O. H. & Co., Austell bldg
Tufts, R. B., Prudential bldg
Walker, A. F., Austell bldg
Wilkins, Grant, 23 Whitehall
Wilson, Edwd., 266 Gordon
Wilson, W. T. (Asst. City), 388 N Jackson
AUGUSTA—Barbot, L. J., Dyer bldg
Barksdale, R. T., 112 Macarat
Davenport, Albert H. (City), 830 Greene
Davidson, A. H., 330 Greene
Gairdner, Gordon, High n Walton Way
Goodrich, L. F., 115 8th
Reaves, D. V., 118 1st
Wingfield, Nisbet, City Hall
BRUNSWICK—Penniman, E. A.
DALTON—Hamilton, H. C.
GAINESVILLE—Howe, Chas. F. (Consulting), Mining)
MACON—Anderson, C. C., 139 Rose
Caldwell, Chas. A., Commercial B'k bldg
Patrick, G. L., 112 Academy
Wilcox, J. W. (City)
ROME—Walton & Wagner
SAVANNAH—Blandford, R. A., Sorrel bldg
Cunningham, Wayne (Consulting)
Howard, J. W., City Exchange bldg
Kops, J. de Bruyn, 222 Gwinnett, E
Ross, P. Sanford (Inc.)
Sugden, Percy, Mer. Nat. B'k bldg
Thomas, E. J., Court House
Winn, J. (City), City Exchange

IDAHO.

ALBION—Riblet, Frank
BLACKFOOT—Roeder, V.
BOISE—Eagleson, C. G. (City Engineer), City Hall
Hesse, E. H., 624 Washington
Randal, T. W., 917 Grove
Stevenson, C. C., 6 Sonno blk
Tompkins, C. H. J., Sherman House
DE LAMAR—Huntley, D. B. (Mining)
EAGLE ROCK—Clark, J. A.
HAILEY—Mandell, F. C.
KOOTENAI—Ashley, Wm., Jr.
LIBERTY—Austin, E. N.
MURRAY—Trask, G. W.
NAMPA—Nettleton, E. G.
SILVER CITY—Hulett, Frank
WALLACE—Anderson, G. Scott

ILLINOIS.

ALBION—Brown, Joel
ALTON—Dickson, Geo., McPike bldg
Long, T. M., 2 W 2d
Rutledge, E. E., City Hall
Swift, H. C., 2 W 2d
ATLANTA—Short, Thomas
AURORA—Hallett, H. D.
BATAVIA—Merideth, E. K. (City)
BELLEVILLE—Bosanko, A., 224 N Race
Graner, Louis
Hilgard, G., Court House
Reiss, W. A., 1st Nat'l B'k bldg
BELLMONT—Buchanan, Charles
BENTON—Langer, Philip
BLOOMINGTON—Bell, Arthur H. Court House
Folsom, Elmer, City Hall
Gray, Rich'd B., 806 S Bun
Mellinsh, Jas. G., Unity bldg
BLUE ISLAND—Link, J.
CAIRO—Thrupp, Wm., 608 Wash'n av (City Engineer)
CANTON—Bond, Harry
Chandler, Geo. W. (City), City Hall
CARLINVILLE—Bacon, Thomas
CARLYLE—Johnson, Alexander
CARMI—Spencer, M. W.
CARTHAGE—Payne, George W.
CHAMPAIGN—Baker, Ira O.
Farrant, W. H. (City)
CHARLESTON—Green, Zelora
CHESTER—Douglas, J. T.
CHICAGO—Abbott, Herman R., 6315 Parnell av
Allyn, J. G. (Mining), 81 Clark
Alvord, Jno. W. (Consulting), 140 Dearborn
Artingstall, Samuel G., Rialto bldg
Ashley, Burton J., 184 La Salle
Bates & Rogers Construction Co., Manhattan bldg
Bauer, Hy. G., 63 Market
Braubach, Louis, 13 N Jefferson
Breckinridge, W. L., 209 Adams
Bredt, Jno. M. (Mining), 163 Randolph
Bremer, Herman H. (Surveyor), 100 Washington
Burdick, Chas. B., 140 Dearborn
Buskirk, Theo., 607 Grand Centl. Pass. Sta.
Byllesby, H. M. & Co., 171 La Salle
Carlson, G. H. (Surveyor), 115 Dearborn
Chapman, Chas. A. (Consulting), Marquette bldg
Chicago Engineering & Constructing Co. Consulting, Steam & Electric Rys., Bldgs, etc.), 77 Jackson boul
Christie & Lowe, 171 La Salle
Churchill, Durand (Consulting), 147 Wabash av
Clausen, G. L. (Surveyor), 164 La Salle
Clements, M. F., 144 Vanburen
Cole, John A. (Consulting, Civil & Hydraulic), 1585 Old Colony bldg
Condron, Theo. L., 1750 Monadnock blk
Coolidge, Winthrop (Mining), 138 Jackson boul
Cooley, Lyman E., 21 Quincy
Corthell, Elmer L., Monadnock blk
Cothroll, Wm. (Surveyor), 100 Washington
Curtis, Walter W., 324 Dearborn
Dickman, Mackenzie & Potter (Mining, Eng. Chemist & Metallurgists), The Rookery
Dooley, Jno. W. (Mining), 115 Dearborn
Dorr, Geo. W., 84 Adams
ENGINEERING CO. OF AMERICA (Also Mining, Consulting, Superintending & Contracting, Railroads, Mines, Water Works, Cement & Power Plants), 159 La Salle. (See adv. index, end of book)
Ewing, Wm. B., 138 Washington
Foster, Jacob T. (Surveyor), 92 La Salle
Fowler, Sam'l S. (Mining), 34 Clark
Gibson Chas. B. (Mining), 81 Clark
Gibson, Geo. L. (Mining), 131 La Salle
Graff, Jas. G. (Co. Surveyor), 300 County bldg
Greeley-Howard Co., 112 Clark
Hanna, F. W., 263 Dearborn
Heidenreich, E. L., 9 Jackson boul
Herrington, John W. (Surveyor), 92 La Salle
Hill, Cicero D. (Chief Engineer), City Hall
Hollis, Henry L. (Mining & Metallurgist), The Rookery
Hughes, Wm. M., 144 Vanburen
Hunt, R. W. & Co. (Consulting & Testing), The Rookery
Illinois Engineering Co. (Consulting), 315 Dearborn
Johnson, Jay L. & Co. (Surveyor), 90 La Salle
Johnston, Thos. T., 188 Madison
Jones, Wm. D. (Surveyor), 140 Dearborn
Keller, C. L., 1616 Monadnock blk
Kramer, Wm., 125 La Salle
Kramer, Wm., 108 La Salle
Kruse, Jno. A. (Mining), 234 La Salle
Kunstman, Robt., 84 Adams
Lee, William, 207 City Hall
Levings, Chas., 6430 Yale
Libby, Almon C., 84 Van Buren
Lindrooth, Jno. H. (Surveyor), 428 Cleveland av
Long, Fredk. H. (Mining), 109 Randolph
Ludwig, Geo. R., Monadnock blk
McCalman, Jno. L., 138 Washington
McCoy, J. W. (Mining), 125 Lasalle
McLennan, C., 100 Washington
MacHarg, Wm. S., 20 City Hall
MacRitchie & Nichol, 21 Quincy
Maltby, A. T. (Consulting), 279 Dearborn
Mariner & Hoskins (Mining), 81 Clark
Masters, Geo. A., 109 Randolph
Mead, Danl W. (Consulting, Water Works, Sewerage, Power Plants, etc.), Fist Nat. B'k bldg
Mendius, Carl (Surveyor), 109 Randolph
Mershon, Russell J. (Surveyor), 1317 W 105th
Miller, Martin J. (Mining), 138 Jackson boul
Modjeski, Ralph, 1643 Monadnock blk
Morgan, Geo. C., 169 Jackson boul
Norlin, Fredk (Surveyor), 112 Clark
Orwig, H. I. (& Topographical), 22 5th av
Pifer, Chas. W., 1 Park Row
Pittsburg Testing Laboratory, Monadnock blk
Platner, Wharton, 100 Washington
Powell, Ambrose V., 138 Washington
Purdy & Henderson (Consulting, Dry Docks & Harbor Work, Coal Handling Plants & Foundations), 1553 Monadnock blk
Rall, Theo., Monadnock blk
Ritter & Mott (Consulting, Steel Structures & Foundations), 204 Dearborn
Roberts, Chas. N. (Surveyor), 97 Clark
Roberts & Schaefer Co. (Consulting & Contracting), 84 Vanburen
Roberts, Vertus B. (Surveyor), 97 Clark
Rodgers, Elmer E., 171 La Salle
Rossiter, F. C. (Surveyor), 91 Washington
Rowe, Samuel N., 364 Monadnock blk
Rowe & Rowe, Monadnock blk
Rudolph Emil (Surveyor), 112 Clark
SALICH, E. & CO. (Consulting & Constructing, Beet Sugar Factories a Specialty), Monadnock blk
Samuel, Geo. F., City Hall
Schaub, Julius W., Monadnock blk
Scherzer Rolling Lift Bridge Co., 1616 Monadnock blk
Schott, W. H. (Engineer & Contractor), Marquette bldg

Schulze, Carl E., 109 Randolph
Seddon, Jas. A., 188 Madison
Shankland, E. C. & R. M. (Consulting, Bridges, Foundations, etc.), The Rookery
Shields, W. S. (Consulting), Marquette bldg
Smith, Wm. Sooy, 901 Monadnock blk
Stebbings, W. L. (Consulting), Monadnock blk
Stiernberg, Louis V., 63 Market
STROBEL, CHAS. L. (Consulting), Monadnock blk
Sturtevant, Chas. F., 279 Dearborn
Summers, L. L. & Co., The Rookery
Tatum, Lawrence W. (Mining), 171 La Salle
Trueman, Harmon, The Rookery
Tucker, E. E., 163 Randolph
Turnbull, Geo. A., Moadnock blk
Twyman, Aaron, Pullman bldg
Vanderlip, Hy. E. (Consulting), 134 Monroe
Vanderlip & Waterman, 163 Randolph
Van Valkenberg, Wm. (Surveyor), 160 Washington
Vilim, Chas W., 215 Blue Island av
Voisard, Emil P., 6321 Rhodes av
Walker, Frank E., 279 Dearborn
Waterman, George C., 163 Randolph
Webber, Merton L., 138 Wash'n
Westinghouse, Church, Kerr & Co. (Consulting), 171 La Salle
Weston Bros. (Consulting, Steam & Electric Railways, Bridges, Bldgs, etc.), Merchants Loan & Trust bldg
Wheeler, W. H. & Co., 203 Michigan av
Williams, Benezette, 153 La Salle
Williams, Carl B., 153 La Salle
Williams, Edgar, 21 Quincy
Williams, Robert E., Board Trade bldg
Willis, Geo. M., Monadnock blk
Wilson, Geo. W., 226 La Salle
Young, J. D. (Mining), Monadnock blk
Zander, Claudius C. (Surveyor), 69 Dearborn
Ziesing, August, 1315 Monadnock blk

CLINTON—Richardson, David
CRYSTAL LAKE—Brink, J. H.
DAKOTA—Butterfield, W. H.
DANVILLE—Cottingham, Chas. (& Surveyor)
DECATUR—Burgess, Sullivan
Loring, Geo. V. (City)
DE KALB—Hay, W. H. (City)
DIXON—Kerch, Chas. V. (City)
Nesbit, Charles F.
Shaw, George T. H.
EAST ST. LOUIS—Baker, Chas. L., City Hall
Harper Bros., 202 E B'way
Helm, E. S. (& Surveyor), City Hall
Hutchinson & Jacob, Arcade bldg
EDWARDSVILLE—Sheppard & Morgan (Surveyors)
ELGIN—Abell, W. W., House Bank blk
EVANSTON—Jennings, J. T. Wilson, Haskin blk
FAIRFIELD—Crouch, Adam
FALL CREEK—Rankin, C. H.
FREEPORT—Graham, G. W. (City)
Josel, F. E.
Smith, O. T.
GALESBURG—Allen, F. J.
McAuley, J. B.)City)
Ritchey, A.
GENEVA—Pease, W. H.
GILMAN—Elliott, C. G.
GOLCONDA—McCormick, W. T.
Rauchfuss, O. R.
GREENVILLE—Dewey, R. K.
HARRISBURG—Abney, I. C.
McHenry, W. A.
HAVANA—Faulkner, J. R.
HITT—Thorp, L. S.
JACKSONVILLE—Brown, C. W.
Smetters, J. L.
JERSEYVILLE—Newton, A. W.
JOLIET—Comstock, A., 311 Barber bldg
Stevens, H. A. (City)
KANKAKEE—Gregg, Robt. C.
Woodruff, W. H.
KEWANEE—Quade, J. C.
KIRKWOOD—Davidson, M. F.
LACON—Wightman, G. F.
LA GRANGE—Ewing, Wm. B.
LA HARPE—Sterns, S. A.
LAWRENCEVILLE—Buchanan, H. G.
LEAF RIVER—Bertolet, J. B.
LINCOLN—Braucher, D. S.
Davey, T. S.
MACOMB—Holmes, Cephas
Shannon, J. F.
MARION—Pulley, Lewis
MARSEILLES—Bond, J. E.
Nichols, A.
Ward, E. J.
MATTOON—Loomis, A. C. (City)
MAYWOOD—Stephens & Westcott Co.
METROPOLIS CITY—Geltner, C. A.
MOLINE—Gould, Melvin A., 1821 23d av
Jones, Robt. W., 6 McKinnie blk
Paddock, Henry G. (City), City Hall
MOMENCE—Clark, J. L.
MONMOUTH—McClanahan, Thos. (City)
MOUND CITY—Mathias, J. P.
MT. CARROLL—Thorp, L. S.
MT. PULASKI—Ewing, J. W.
MT. VERNON—Smith, Kirby
Williams, W. T., Jr.
MURPHYSBOROUGH—Harris, R. C.
NEWTON—Kilgore, Wm.
NORMAL—Herington, Geo. B. (Drainage, Sewerage, etc.)
OAK PARK—Iken, Wm.
O'FALLON—Tiedeman, D. F.
OLNEY—Higgins, Bryant
ONEIDA—Voris, M. G.
OQUAWKA—Moffett, E. L.
OREGON—Jakeman, Thomas
OTTAWA—Dunaway, Alfred
Wilson, Charles
PARIS—Brooks, T. J.
Lemen, W. C. (City)
PAW PAW—McMahon, Wm.
PEKIN—Oswald, W. D.
PELLONIA—Giltner, T. A.
PEORIA—Allen, Danl. B., 131 North Beasley, Harry E., 712 Niagara bldg
Evans & Dunn, Y. M. C. A. bldg
Maury, Dabney H. (Consulting), 129 N Jefferson
Perry, Nathl. V., 106 S Jefferson av
PRINCETON—Hodgman, Romanus
PULLMAN—Doty, Doane-Pullman Palace Car Co.
QUINCY—Bushnell, Web C.
Chatton, Enoch R.
Hancock, F. L., 117 N 6th
ROCHELLE—Clark, G. W.
Smith, Howard (City)
ROCKFORD—Main, Edw. (City), Brown bldg
Stowell, Chas. C., 328 N 4th
ROCK ISLAND—Darling, Wm. A. (County), Court House
SALEM—Meredith, L. S.
SHELBYVILLE—Fish, L. E. (Consulting)
SPRINGFIELD—Du Bois, Nicholas, 231 S 6th
Hamilton, Frank H.
STILLMAN VALLEY—Johnson, Andrew
STREATOR—Burson, W. B.
Graves, E. A.
Rolph, F. T. (City)
TAYLORVILLE—Michels, J. S.
Powell, R. M.
THEBS—Brown, Martin.
TUSCOLA—Niles, H. C.
VANDALIA—Johnson, James H.
VIOLA—McLaughlin, Wm.
WASHINGTON HEIGHTS—Mershon, Russell J.
WAUKEGAN—Bowen, H. L. (City)
Osterfield, C. P.
Russell, Chas. E.
WESTERN SPRINGS—Williams, Benizette
Williams, Edgar
WEST M'HENRY—Gage, George
WHEATON—Herrick, G.
Prout, Burnham & Russell
Vallette, J. G.
WOODSTOCK—Smith, R. O.

INDIANA.

ALBION—Foot, G. L. (Surveyor)
Johnson, Jas. T.
Moore, Fred B. (Surveyor)
ALEXANDRIA—Humphrey, J. C. (City)
ANDERSON—Downey & Wilcox
Rogers, Harry (City)
Ross, Alex. (Surveyor)
Wilcox, E. J.
AUBURN—Van Auken, J. J. (City)
AURORA—Gridley, A. T. (Surveyor)
Walters, Lee (City)
BLOOMFIELD—Clogston, W. W. (Surveyor)
Parker, F. M. (Surveyor
BEDFORD—Houston, G. C. (City)
BEDFORD—Deckard, Lew E.
Houston, G. C. (City)
BLOOMFIELD—Parker, F. M.
BLOOMINGTON—Bowers, Eugene (Surveyor)
Deckard, Lew. E. (City)
Raeder, Geo. B. (Surveyor)
BLUFFTON—Batson, B. A. (Surveyor)
BOONVILLE—Meyer, L. (City)
BOSWELL—Blasdel (Surveyor)
Ross, Wm. (Surveyor)
BRADFORD—Buncle, Joe (Surveyor)
BRAZIL—Kattman, Frank A. (Civil & Mining)
Mooney, Pat'k
Sherfey, David (City)
Sisson, F. S.
Wilkinson, O. E.
BROOKVILLE—Berry, Fielding (Surveyor)
Bradburn, Chas.
Burkhart, John
Carter, Calvin (Surveyor)
Dudley, Joseph
Lawrence, T. W. (Surveyor)
BRADFORD—Buncle, Joe (Surveyor)
BUENA VISTA—Bowers, C. W.
Bradburn, Chas.
CANNELTON—Minto, Geo. (Surveyor)
CLOVERDALE—O'Brien, J. F.
COLUMBIA CITY—Pearl, J. W.
Strong, E. K. (City)
COLUMBUS—Hayes, W. A. (Surveyor)
Hege, Levi (City)
Right, W. H. (City)
CONNERSVILLE—Brown, J. P.
Finan, Jno. Jr.
Hanson, Karl (City)
Williams, Chas., Jr. (Surveyor)
William, C. R. Jr. (Surveyor)
Williams, R. L. (Surveyor)
CORYDON—Armstrong, Andw. (Surveyor)
Sharp, Dan. (Surveyor)
CRANDALL—Wright, Thos. J. (Surveyor)
CRAWFORDSVILLE—Harding, Jas. A. (Surveyor)
Hoffman, Fred
Jamison, Alfred E.
McConnell, I.
Sharpe, W. E.
Simpson, E. S. (City)
Waugh, J. M.
CROWN POINT—Fisher, Geo. W.
Knight, Frank (Surveyor)
Metzler, F. (City)
Strode, Alden (Surveyor)
CUMBERLAND—Thoms, Max A.
DANVILLE—Franklin, W. F. (City)
DECATUR—Fulk, W. E.
Knoff, H. B. (City)
McKean, G. E. (Surveyor)
Tyndale, J. W.
DELPHI—Fawcett, J. W.
Kirkpatrick, Elonzo E. (Surveyor)
Obear, James
Sines, Chas. G. (Surveyor)
Smith, H. F. (City)
Thompson, W. P. (City)
DUNKIRK—Badders, W. H. (City)
EARL PARK—Vannatta, J. S. (Surveyor)
EAST CHICAGO—Fisher, T. W. (City)
EDINBURG—Cutsinger, F. M. (City)
Downes, W. E.
Rennie, J.
ELKHART—Cordrey, D. F. (City)
Hitchcock, L. E. (City)
ELWOOD—Finan, John, Jr.
EVANSVILLE—Genung, Chas. C., 323 U. 3d
Pfaffilin, August (City), City bldg
Saunders, J. D. & M. S., 315 U. 3d
Temme, Wm. H. (City), Court House
EWING—Robertson, Geo. A. (Surveyor)
Wayman, Jas. (Surveyor)
FAIRFIELD—Yountz, Wm. (Surveyor)
FAIRMOUNT—Fletcher, Geo. A.
FORT WAYNE—Brackenridge, Chas., 24 W Berry
Branstrator, Chas. W. (Surveyor)
Bushman, J. A. (Surveyor)
Emmons, C. D.
Goshorn, J. S., 386 E Wash'n
Potter, Geo. E.
Puder, F. R.
Randall, Frank M. (City), City Hall
Spindler, D. F. (Surveyor)
Wiley, G. B. (Surveyor)
FOWLER—Dayle, J. P. (Surveyor)
Vanatta, J. S. (Surveyor)
Van Der Voort, W. S. (Surveyor
FRANKFORT—Brown, Jas. R.
Cheney, Chas. E. (City)
Huffine, Chas. C. (Surveyor)
Shane, Alex.
Sholl, John (Surveyor)
FRANKLIN—Middleton, Ed. L. (City)
GARRETT—Jordan, Sam'l
Speelman, J. A.
Van Auken, J. J. (City)
GAS CITY—Leonard, J. J. (City)
GOODLAND—Hamilton, Robt. (Surveyor)
GOSHEN—Cooper, John L. (City)
GREENCASTLE—Denny, Jas. (City)
Lane, A. A. (Surveyor)
Randall, H. M.
GREENFIELD—Lewark, Frank T., Court House
GREENSBURG—Black, Hy.
Craig, J. W.
Hutton, J. F.
Sandusky, Hy.
Stagg, Clyde
Stagg, J. A.

GUILFORD—Nowlin, H. L.
HAMMOND—Bridge, W. F. (Surveyor)
Bump, E. W.
Lyons, P. J. (City)
HARTFORD CITY—Fulton, Geo. T. (City)
Harley, Wm.
HUNTINGBURG—Smith, M. F. (County)
Taylor, H. E.
HUNTINGDON—Guthrie, Frank
INDIANAPOLIS—Brossman & King, Lemcke bldg
Brown, Chas. C. (Consulting), Commercial Club bldg
Brubaker, H. C., Aetna bldg
Buehler, Walter, City Hall
Covert, Paul W.
Coyner, J. V. (Surveyor), 48 N Delaware
Davis, F. A. W., 113 Monument pl
Deane, J. H., 316 N West
De Frees, Morris M., Ingalls bldg
Eldridge, W. K., Aetna bldg
Fatout, Hervey, Baldwin bldg
Fritz, Geo. M., 707 E 23d
Hadley, Artemus N., 23 Talbott blk
Hill, Edw., 932 N Senate av
Hills, Chas. H., 924 E 17th
Horton, S., 316 Virginia av
Jeup, B. J. T., Court House
Jeup & Moore, Ind. Trust bldg
King, Robt. P., Lemcke bldg
Knight, Seymour H., Newton Claypool bldg
Lingenfelter, F. C., 1108 Pleasant
Luten, Danl B., State Life bldg
Mansfield Engineering Co., State Life bldg
Marshall, Thos. W., 2549 W Michigan
Millard, C. S.
Plummer, Edwin L., 1840 N Alabama
Power, J. Clyde (City), 13 Court House
Shafer, Jno. A., 3429 Kenwood av
Troyer, J. E., 601 Beecher
Weis, Lewis G., 113 Monument pl
Woods, R. P.
Woodbridge, Frank, Union Trust bldg
IRELAND—Young, W. T. (Surveyor)
IRVINGTON—Smith, W. C.
JASONVILLE—Blackledge, Rollin H.
JASPER—Wilson, T. R.
JEFFERSONVILLE—Lyon, V. W. (City)
JONESBORO—Smith, A. (City)
JUDSON—Barry, Wm. (City)
KENDALLVILLE—Bortner, Henry (City)
KENNARD—Lockridge, H.
KENTLAND—Hawkins, B. (Surveyor)
KNIGHTSTOWN—Morrison, R. I.
KOKOMO—Bruff, Jas. F.
Hunt, Ellsworth (Surveyor)
Mann, W. F. (City)
Morrow, Jackson (City)
Smith, A. W.
LACONIA—Crosier, Lafe
LAFAYETTE—Conner, Arthur W.
Goss, W. F. M. (Prof. Experimental Engineering, Purdue University)
Halt, W. K. (Associate Prof. App. Mechanics, Purdue University)
Hoffman, Jas. D. (Associate Professor, Engineering Design, Purdue University)
Miller, Melville W. (Surveyor)
Pence, W. D. (Prof. Civ. Eng., Purdue University)
Pifer, Chas. W.
Seastone, Chas. V.
Stevenson, G. H. (City)
Vawter, P. C. (City) (W. L.)
Waesche, G. E. (Instructor Civ. Eng., Purdue Univ.)
Wagstaff, C. L.
Williamson, Fred C.
Young, G. A.
LA GRANGE—Hosteller, J. W. (Surveyor)
LAPORTE—Burner, Hiram
Henock, Milton J.
Mammero, A. J. (Surveyor)
Norris, J. D.
LAMB—McKay, G. W. (Surveyor)
McKay, W. H. (Surveyor)
LAWRENCEBURG—Fitch, Geo.
Loeber, Geo. W. (City)
Walters, Lee
LEBANON—Burns, David (Surveyor)
Fulwider, Jno. W.
Huckstep, Thos. W. (Surveyor)
Jones, Geo. B. (Surveyor)
Wade, John L. (Surveyor)
LIBERTY—Raridan, Norris (Surveyor)
LIMEDALE—Minton, E. C.
LIGONIER—Gerber, E. B. (City)
LIMA—Duff, Wm. (Surveyor)
LINDEN—Fisher, J. H. (City)
LINTON—Cunningham, Fred
LOGANSPORT—Beal, Jas. A.
Coleman, Henry F., 322 3d
Osmer, W. A. (City), 1823 B'way
LOWELL—Clark, E. A.
Garrison, Jas. (City)
LYONS—Clogston, W. W.
Yeoman, S. N. (Surveyor)
MADISON—Sering, J. J.
MARION—Overman, L. M.
Petrie, T. E.
Smith, Ansel R. (County)
Smith, C. D. (Surveyor)
MARTINSVILLE—Gageby, Frank
Goss, C. G. H. (Consulting)
Johnson, Hez K.
MEDORA—Carr, W. H. (Surveyor)
MICHIGAN CITY—Combs, C. E.
Miles, H. M. (City)
MITCHELL—James, W. M. (City)
MIXERSVILLE—McClure, D. O.
MONTICELLO—Bridge, G. M. (Surveyor)
Bushnell, Web. P.
Lawri, R. A
Redding, Allen (Surveyor)
MOORELAND—Wrightsman, L.
MOORESVILLE—Johnson, H. H. (City)
MT. MERIDIAN—Plummer, Arthur
MT. VERNON—Anderson, E. S. (Surveyor)
Bartts, G. W. (City)
MUNCIE—Crandall, F. (City)
Gough, Chas. (Surveyor)
Hefel, Tony C.
Marsh, J. R.
Storer, O. W. (Surveyor)
Wood, W. H. (City)
NASHVILLE—Gott, C. H. (Surveyor)
NEEDMOORE—Cullen, Jas. (Surveyor)
NEW ALBANY—Coolman, E. B. (Surveyor)
Mann, Martin H. (Surveyor)
Mann, Sam'l T. (City)
NEWCASTLE—Ackley, Jacob (City)
Clark, C. B. F. (City)
Cook, D. K.
Minesinger, Omer (Surveyor)
Robe, S. A. (Surveyor)
Troyer, J. E.
NOBLESVILLE—Cottingham, C. J.
Mitchel, J. A. (Surveyor)
Shannon, J. S.
NORTH VERNON—Prather, W. B. (City)
OLEAN—Pegee, E. M.
OSGOOD—Harsch, John C. (Surveyor)
Stimpson, Earl
OTTERBEIN—Van Der Vort, W. S. (City)
PAOLI—Wilson, John (Surveyor)
PATE—Westcott, Jas. G. (Surveyor)
PERU—Cole, R. H. (City)
Horan, Michael (City)
Jackson, C. S.
Kelly, Peter (City)
Smith, A. W.
Trippeer, A. G.
PHELPS—Meyer, Louis (Surveyor)
PLYMOUTH—Butler, J. C. (City)
English, Wm. H. (Surveyor)
Klinger, Jerry
North, Achilles
PORTLAND—Frost, A. J. (City)
Griffith, Jay (Surveyor)
Stewart, R. P.
PRINCETON—Emmerson, G. M. (City)
Watts, Edwyn, E.
REMINGTON—Alter, Lewis S.
RENSSELAER—Gamble, H. L. (City)
Price, Myrt B. (Surveyor)
Thrawls, J. C.
RICHMOND—Barnard, R. E.
Collins, Wm. D., P. O. Box 171
Howard, R. A. (Surveyor)
Sackett, R. L.
Webber, H. L. (City)
RISING SUN—Keeney, Geo. (Surveyor)
Monroe, C. (Surveyor)
ROCKPORT—Oldham, Thos. (City)
ROCKVILLE—Campbell, J. T.
Ott, Claude (Surveyor)
ROSEDALE—Roberts, Thos. J. (Surveyor)
RUSHVILLE—Dill, Wm. (City)
Downey, M. H. (Surveyor)
Herkless, A. R.
Kelley, Geo. R. (Surveyor)
Kelly, Peter
Stewart, A. L.
ST. JOE—Scholes, Frank
SELLERSBURG—Keith, L. E. (City)
SEYMOUR—Blish, E. W. (Surveyor)
Slagle, Geo. (City)
SHELBYVILLE—Crawford, Willard F.
Phillips, J. H. (City) (Surveyor)
Webster, C. F. (Surveyor)
SHOALS—McBride, James
Stapleton, John (Surveyor)
SOUTH BEND—Alward, Albert
Graves, Wm. E.
Hammond, A. J. (City)
Keller, Fred W. (Surveyor)
Meighan, John F.
Moore, W. S. (Ass't City)
Moore, Wm. (Ass't City)
Whitten, Wm. M.
SPEARSVILLE—Gee, A. T. (Surveyor)
Prosser, J. P. (Surveyor)
SPENCER—Pierson, T. Guy
STANFORD—Buskirk, M. H. (Surveyor)
STEPHENSON—Parco, O. B. (Surveyor)
SULLIVAN—Bailey, Dick (City)
Chastain, Manford (Surveyor)
Crowder, E. S. (Surveyor)
Cunningham, F. M. (Surveyor)
SYRACUSE—Newberry, S. B.
TELL CITY—Minto, Geo. (Surveyor)
TERRE HAUTE—Grimes, Geo. R., 521 Ohio
Harris, W. H. (Surveyor)
Hatch, F. T.
Howe, M. A. (Prof. Civ. Eng., Rose Poly. Inst.)
McCormack, —— (Instructor Civ. Eng. Rose Poly Inst.)
McKeen, B.
Paige, W. R.
Patterson, G. S. (Civil & Mining)
Simpson, Geo. H., 530 S 7th
Sparks, Ralph (City), City Hall
Underhill, A. M.
Zinn, A. S.
TIPTON—Crail, Ira F. (City)
Gott, A. W. (Surveyor)
TOPEKA—Thompson, R. L. (Surveyor)
TRAFALGAR—Moore, J. J. (Surveyor)
TROY—McKim, D. R. (Surveyor)
UNDERWOOD—Harold, M. N. (Surveyor)
UNION CITY—Badders, W. H. (City)
Bell, S. R. (City)
VALPARAISO—Carver, Thos. H.
Lembke, Chas. F.
Rankin, Henry (Surveyor)
VERSAILLES—Pegee, W. O.
VEVAY—Danglade, Ernest (City)
VINCENNES—Dunn, Thomas
Hershey, Jere
Hershey, Joseph (City)
Nesbitt, B. F.
Rodgers, John
Spiker, J. S.
WABASH—Fowler, Wm.
Hilty, Jno.
Howe, C. E.
Woods, Robt. (City)
WALKERTON—Leslie, Geo. (City)
WARSAW—Chamberlain, W. Y. (City)
Godman, J. V. (City)
Hughes, Caleb.
McCarter, G. W. (Surveyor)
Sellers, Chas. L. (Surveyor)
WASHINGTON—Faith, Edw. C. (City)
Faith, Grant.
Fritch, L. C.
Poland, W. B.
Smiley, T. J.
WEST SHOALS—McBride, Jas. (Surveyor)
WHITING—Bridge, W. F. (Surveyor)
Evans, Jas. (City)
WILLIAMSPORT—Gemmer, W. H.
WINAMAC—Boyles, E. X.
WINCHESTER—Bates, F. E. (Surveyor)
Hinshaw, J. E. (Surveyor)
Wright, Lee (Surveyor)
Yunker, C. C. (City)
WORTHINGTON—Maxwell, C. A.

IOWA.

AFTON—Chapin, E. P.
ALGONA—Lilly, A. J.
AMES—Ashbaugh, Lewis
Beyer, Samuel W.
Bissell, G. W.
Lanphear, B. S.
Marston, A.
ANAMOSA—Whaten, J. F.
BEDFORD—Randolph, W. F.
BLAIRSTOWN—Life, Hiram
BOONE—Brown, G. W.
Kastberg, Carl C.
Russell, C. E. (City)
BURLINGTON—Holbrook, Royal H.
Laubenfels, G. A.
Steyh, Wm.
Young, N. S.
CARL—Kirk, Sam'l
CARROLL—Hoffman, I. W., Carroll R. R., 4
CASTANA—Day, J. B. P.
CEDAR RAPIDS—Brown, J. M.
Davis, Garret
Diserens, F. L.
Fatherson, T. W.
Greene, Wm. J.
McCauley, Thos. Francis, 314 S 2d, W.
Merideth, Geo. H. (City)

Randall, P. F., 616 5th av
Smith, Percy Preble
Tomlinson, Jos., 216 N 13th
Wardle, J. D.
Warriner, T. R.
Wilson, Chas. T.
Wynn, G. W., 111 1st av
CEDAR VALLEY—Watson, S. D.
CHARLES CITY—Rozine, F. B.
CHEROKEE—Pingrey, J. S.
CLARENCE—Zuck, John
CLARINDA—Hartford, I. N. J.
CLEAR LAKE—Colby, Wm.
CLINTON—Chase, Chas. P. (City)
Iowa Engineering Co.
Schnell, August (City)
COUNCIL BLUFFS—Campbell, C. E. H.
Cook, E. E.
Entyre, S. L.
Stinson, F. C.
CRESCO—Richards, W. L.
CRESTON—Cattermole, R. W.
DAKOTAH—Bellows, F. P.
DAVENPORT—Baker, G. T.
Beuck, C. H.
Brayton, B. B.
Brown, C. G.
Francis, C. E.
Hubinger, M.
Kimball, W. H.
Murray, Thos.
Semmek, Fred C.
Tri-City Construction Co.
DECORAH—Schenck, C. E.
DENISON—Fink, E. T.
Humtington, Harry
DES MOINES—Blank, T. L., I. L. & T bldg
Budd, J. W., Good blk
Carss, Jas., 849 13th
Carss, M. M., 849 13th
Crellin, Edw. W.
Delo, C. G.
Des Moines Bridge & Iron Works, Tuttle nr 9th
Des Moines Engineering Bureau, Good blk
Dickinson, Warren, 1511 10th
Eberhardt, G. A., 1908 W 8th
Gifford, E. W., Equitable bldg
Higgins, Lafayette, Good blk
Hockett, J. L., 121 Charles
Jackson, W. H.
Kastberg, K. C., 510 Good blk
King, Geo. M. (City), City Hall
Lambert, Geo. F., 312 Youngerman blk
Lawlor, T. F., Equitable bldg
Lovell, W. D., Equitable bldg
Marsh, J. B. (Consulting), Equitable bldg
Miller, Geo. W., 2415 Atkins
Morgan, A. L., 570 Union Station
Moss, B. N.
Schreiner, B., 1445 Maple
Stark, N. M. & Co., Crocker bldg
Stone, L. H., 1317 W 22d
Turner, J. W., Youngerman blk
Wilson, Jas., 315 Center
DONNELLSON—Bannon, M. E.
DOW CITY—Huntington, H. G.
McHenry, Morris
DUBUQUE—Anderson, Eugene, 361 Julien av
Baumgartner, Chas. H., 815 Main
Blake, C. E. (City Engineer), 361 Alta Vista
Brown, J. E., 1337 Bluff
Geisheker, W. J., 2337 Wash'n
Gniffke, Henry B.
Hyde, E. S. (Surveyor), 25 Pickett
Ilg, Paul (County), Court House
Linderman, M.
Tschirgi, M., Jr., 46 Henion
EAST PERU—Greene, R. A.
EMMETTSBURG—Grout, Leroy
Moncreif, John
EPWORTH—Anderson, Frank
ESTHERVILLE—Callwell, R. B.
Herner, P. G.
EXIRA—Wattles, H. S.
FOREST CITY—Ambrose, J. H.
FT. DODGE—Easley, Frank L.
Reynolds, C. H.
GLENWOOD—Dean, Seth.
GRAND JUNCTION—Thomson, Geo. M.
HAMPTON—Kelly, Wm. F.
HARLAN—Peterson, P. I.
HAWARDEN—Heald, A. W.
IOWA CITY—Andrews, Launcelot W.
Cox, A. J.
Dey, C. T.
Lambert, Byron James
Magowan, C. S. (City)
Schulze, J. O.
Sims, A. V.
JEFFERSON—Bean, H. W.
KEOKUK—Cole, J. H.
Layton, Byron
Meigs, Montgomery
Robertson, J. R.
Walker, G. M. (City)
KNOXVILLE—Ney, Jasper
LE MARS—Bowman, L. K.
Myers, J. W.
LEON—Hollinger, J. M.
LIBERTYVILLE—Hurst, Frank
LOHRVILLE—McClure, Jas.
MANSON—Thompson, W. L.
MARION—Las, J. C.
Lary, J. H.
Parsons, S. N.
MARSHALLTOWN—Bremner, Wm.
MASON CITY—Sweet, B. J.
Vincent, C. F.
Wilson, F. P.
MOOAR—Hedrick, Perry L.
MT. AYR—Ross, H. H.
MT. VERNON—Alden, F. S.
Stanley, O. E.
Williams, Sylvester N.
MUSCATINE—Downer, Thos. Benson
McCambell, R. H.
NASHUA—Scales, H. A.
NEVADA—Allen, M. C.
Wells, Jno. M.
NEW HAMPTON—Cotant, G. W.
NORTHWOOD—Dwelle, H. V.
OAKLAND—Burrows, J. F.
OELWEIN—Little, B. F.
OSAGE—Brown, C. D.
OSKALOOSA—Cavern, Nathaniel
Davis, J. E.
Shannon, J. A.
OTTUMWA—Allen, C. R.
Brady, J. T.
Burton, S. H.
Dittmar, John
POCAHONTAS—Bissell, H. W.
POSTVILLE—Williams, Wilkes
RED OAK—Christie, Wm. J.
ROCK RAPIDS—Gilman, J. P.
ROLFE—Malcolm, Fred'k
SAC CITY—Martin, A. F.
SHELDON—Frisbee, Jerome
Wade, Frank E.
SIBLEY—Campbell, M. J.
SIOUX CITY—Gere, Thos. P.
Holmvig, Martin
Lewis, J. M. (City)
Skeels, Geo. (City)
Wakefield, L. F.
SPENCER—Moore, Peter M.
SPIRIT LAKE—Johnson, J. M.
SPRING VALLEY—Hollinger, J. M.
STORM LAKE—Harding, F. M.
Parrish, J. F.
TOLEDO—Holstead, W. H.
Sweatt, B. J.
WASHINGTON—Kyle, D. C.
WATERLOO—Newton, M. L.
WAUKEE—Jackson, J. T.
Wilson, Chas. T.
WAUKON—Dayton, H. O.
Ratcliffe, John G.
WAVERLY—Hoover, H. S.
Robish, A. A.
WEBSTER CITY—Evert, N. B.
Fox, F. E.
McComb, Wm. T.
Quackenbush, J. E., 1600 Wilson av
WEST LIBERTY—Mac Donald, F. A.
WEST UNION—Little, B. F.
Neff, H. M.

KANSAS.

ABILENE—Romig, A. C.
ANTHONY—Lee, J. B.
ASHLAND—Jones, J. W.
ATCHISON—Giddings, Fred (City)
Woodworth, C.
ATWOOD—Lovejoy, J. O.
BELLEVILLE—Ware, I. C.
BELOIT—Wilson, N. L.
BOICOURT—Hendrickson, James
BUCKLIN—Childs, C. F.
BUNKER HILL—Blays, Harper
Gross, H. F.
CHANUTE—Wells, W. N.
CHEPOTA—Barman, J. M., 5th & Pecan
Lyons, Geo., 7th & Wainut
CLAY CENTER—Allen, Newton
McLaughlin, Wesley
COLBY—Eaton, W. H.
Werner, Richard
COLUMBUS—Jenkins, J. H.
Wallace, Joseph
COTTONWOOD FALLS—Frew, John
Homer, J. R.
COUNCIL GROVE—Harlan, T. B.
Manley, W. H.
DIGHTON—O'Connell, Daniel
DODGE CITY—Harris, H. P.
EMINENCE—Collins, Dexter
EMPORIA—Brown, Matthew (City)
Smith, A. J.
ERIE—Cook, N. V.
Greene, Frank
EUREKA—Knudson, J. C.
FORT LEAVENWORTH—Leach, S. S.
FORT SCOTT—Toles, E. E.
FREDONIA—Domblaser, Benjamin
Luckey, J. M.
McKimmey, Nathan
GALENA—Duncan, W. H.
GARDEN CITY—Wicks, T. E.
GARNETT—Rankin, J. A.
GIRARD—Christian, S. P. (City)
Daniels, F. P.
GLASCO—Jamison, Chas.
Jamison, J.
GOODLAND—Long, D. A.
GREAT BEND—Markey, B.
Newcombe, S. A.
GREENSBURGH—Stockwell, O. H.
HAY'S—Robins, N.
HIAWATHA—Beecher, C. P.
Marrion, T. J.
HILL CITY—Rawson, J. W.
HOLTON—Jones, M. Z.
HOWARD—Chapman, J. F.
HUTCHINSON—Carpenter, F. H.
Colt, C. W.
INDEPENDENCE—Hibbard, H. L.
IOLA—Dewitt, Grasson
Stover, L. P.
KANSAS CITY—Barclay, Wm. (Co. Surveyor), 740 Sandusky
Kay, Wm. G., 244 N 17th
Lasley, J. H., Court House
McAlpine, R. L., Court House
McClung, C. L., 2116 N 10th
Stalnaker, W. H., 525 Ohio
KINGMAN—Benefiel, T. S.
Childs, W. H.
KINSLEY—Lewis, J. M.
Manuel, S. T.
LA CROSSE—Jeffries, David
Kidelson, H. C.
LARNED—Babbitt, D. E.
McConnaughhay, J. D.
LAWRENCE—Duffey, Lloyd
Wheeler, Holland (City)
LEAVENWORTH—Abry, H. E., 728 Spruce
Barnes, D. M., 407 Cherokee
Hackbusch, H. C. F., 511 N Esplanade
Parlin, M. D., City Hall bldg
LYNDON—Runnells, L. S.
LYONS—Brown, Jesse
MANHATTAN—Noble, O. E.
MANKATO—Fearing, F. C.
Kern, E. H.
MARION—Case, Reese
Nye, W. C.
MARYSVILLE—Brawley, Jno.
MAYFIELD—Stayton, Geo.
MENAGER—Peters, Jacob
MINNEAPOLIS—Powell, C. S.
MOUND CITY—Gove, J. L.
NATIONAL MILITARY HOME—Johns, J. E.
NESS CITY—Taylor, H. C.
NORTON—Newell, J. C.
OBERLIN—Coldren, E. M.
OLATHE—Pierson, Jesse
OSBORNE—McIntyre, J. W.
Paul, Samuel
OSKALOOSA—Clark, E. E.
Davis, T. H.
OSWEGO—Bayless, E. P.
Boggess, J. W.
Bushnell, A. B.
OTTAWA—Eldridge, A. E.
Service, J. A.
Titus, A. C.
PAOLA—Roscoe, N. J.
PARADISE—Russell, W. G.
PARSONS—Gaffey, M.
Kutz, Wm. H.
PAVILLION—Jones, J. H.
PHILLIPSBURG—Gray, J. M.
PITTSBURGH—Glass, J. D.
Waite, C. G. (City)
PRATT—Hickie, E. E.
Turner, Lindsay
RUSSELL—Dollison, J. F.
Russell, W. G.
ST. JOHN—Smith, Sherman
SALINA—Farrar, W. F.
Hamilton, O. P.
SCOTT—Peck, G. L.

SEDAN—Denick, A. J.
Goodell, J. W.
SENECA—Mathews, Mortimer
SILVER LAKE—Moats, James
SMITH CENTER—Withington, N. H.
STOCKTON—Hoskins, R. W.
Wells, M. J.
SYRACUSE—Hogbin, D. E.
Irvine, J. H.
TOPEKA—Allan, A. G.
Bailey, B. A., 734 Kansas
Barnes, Wm. H. (City)
Hinckley, H. V.
Huntoon, Joel
Tweeddale, Wm., 707 Kansas av
Whitaker, J. B., 525 Kansas av
Winkley, H. V.
TRIBUNE—O'Neal, M. G.
TROY—Hills, H. A.
Marsh, F. P.
VILAS—Coats, J.
WAKEENEY—Robinson, W. B.
WEBSTER—Mullaney, J. F.
WELLINGTON—Roberts, C. L.
WESTMORELAND—Barrett, H. E.
WICHITA—Jackson, H. L. (City), City Hall
WINFIELD—Boynton, J. S. (City)
Bradley, J. M.
Cairns, Alexander
YATES CENTRE—Tallman, L. N.

KENTUCKY.

AMBROSE—Murphy, J. H.
BEAR SWALLOW—Edward, Cyrus
BOSTON STATION—Calpert, A. B.
CATLETTSBURGH—McDyer, John
CLINTON—Atwood, T. L.
COVINGTON—Gunn, Wm. E., City Hall
Kennedy, Jos. D., 1547 Seott
Kennedy, T. H., College bldg
DANVILLE—Breekenridge, C. (Consulting)
DAYSVILLE—Lyon, P. A.
DAYTON—Shinkle, E. M.
DIXON—Palmer, J. D.
EDDYVILLE—Rogers, T. J.
ELIZABETHTOWN—Morgan, W. G.
FLEMINGSBURGH—Hunter, J. W.
FRANKFORT—Marshall, B. (City)
GILLMORE—Fallen, C. M.
Wallin, J. H.
HANLY—Denman, E. E.
Overstreet, T. J.
HARPER'S FERRY—Kuntze, J. P.
HARRODSBURGH—Gentry, C. W.
HAZLE GREEN—Kash, H. B.
HENDERSON—Eastrin, R. S.
Kimmel, M. M.
Kimmel, S. H.
IRVIN'S STORE—Mitchell, W. T.
KELLY—Armstrong, J. W.
KUTTANA—Anderson, Latham
LEXINGTON—Corbin, Joshua
O'Neil, P. P. (City)
Totten, A. I.
LOUISVILLE—Butler, Pierce (Consulting), Norton bldg
Chamebrs, John, 402 W Ormsby av
Cornwell, C. L., Columbia bldg
Dawley, H. A., 940 6th
De Funiak, Fredk., 204 E Chestnut
Hermany, Chas. (Consulting, Hydraulic)
Holmboe, J. A., 2127 Floyd
Karweise, G. A., 200 E Gray
Miller, Howard, 1125 W B'way
Minor, J. S. & Son, 12 W Jefferson
Morris, Marshall, 358 4th
Parsons, C. W., Gaulbert bldg
Shaw, Granville W., 1358 Cherokee rd
Stonestreet & Ford, Lou. Trust Co. bldg
Young, R. H. (Co. Surveyor), Court House
LUDLOW—Weaver, J. J.
MASSACK—Gholson, S. W.
MIDDLESBOROUGH—Merwin & Richardson
NEWPORT—Glazier, W. L. (City)
Lindsey, Geo. G., 7 E 4th
Morlidge, J. B., Court House
Morton, B. R., 9 E 4th
NICHOLASVILLE—Huggins, O. B.
OWENTON—Lee, B.
PADUCAH—Stickney, G. F.
Wilcox, James, City Hall
PIKEVILLE—Staten, I. W.
PROVIDENCE—Palmer, J. D.
ROCKPORT—Hendre, C.
SCOTTSVILLE—Fallis, G. W.
SMITHLAND—Nelson, F. M.
SPRINGFIELD—Roberts, Simpson
VERSAILLES—Hifner, M. B.
WELLINGTON—Wheeler, G. W.

LOUISIANA.

BATON ROUGE—Swart, B. (City)
LAFAYETTE—Babin, E. S.
NEW IBERIA—Guilfonx, V. P.
NEW ORLEANS—Becnel, L. A., 606 Common
Bell, Alonzo C., 319 Carondelet
Borde, Geo. U. (Consulting), 211 Camp
Brosnan, D. M. (and Surveyor), 1205 7th
Brown, Frederiek, 211 Camp
Brown, Henry C., 436 City Park av
Chattoek, L. E., 840 Union
Christie & Lowe, 107 Camp
Coleman, John F.
Daney & Waddill (and Surveyor), 337 St Charles
De Armas, Geo. (Surveyor), 137 Carondelet
Enderle, Edw., 738 Union
Harrod, Benj. M., 225 Carondelet
Knox, Geo. & Co., 211 Camp
Lewis, C. U. (City Surveyor's Office), 606 Gravier
Morris, J. C., Jr., 107 Camp
Norton, John T., 606 Commercial pl
O'Sullivan, J., 204 Carondelet
Palestine, Robt., 830 Canal
Payne, F. T., 319 Carondelet
Pilie, Edgar, 205 Exch pl
Reynolds, H. W. (Surveyor), 319 Carondelet
Seghers, D. E. & Son (Surveyors), 335 Carondelet
Stewart, Hunter, 319 Carondelet
Wilson, Richard C., Hennen bldg
SHREVEPORT—Jenkins, B. F.
Wilson, George R., 139 Anna
Woodward, Wilkie

MAINE.

AUBURN—Greenleaf & Doring, Elm blk
Swift, R. A., 77 Spring
AUGUSTA—Getchell, Wm. B. (City), 243 Water
Wing, A. R., 243 Water
BANGOR—Coombs, Philip H., 12 Exch blk
Crosby, Wm., Kenduseag blk
Marston, Frank L.
Vieery, Gilbert S. (City) City Hall
BAR HARBOR—Lord, E. I.
BATH—Hayden, H. W. & Co.
BIDDEFORD—Dennett, W. S.
BOOTHBAY HARBOR—Baldwin, F. W.
BRUNSWICK—Crawford, J. W.
Dunning & Campbell
BUCKSPORT—Spofford, Parker
CALAIS—Gardiner, Benj. (and Surveyor), (City)
CAMBRIDGE—Bailey, S. A. D.
CAMDEN—Crawford, M. T.
CAPE ELIZABETH—Staples, C. E.
CENTRE LEBANON—Haynes, E. C.
DEERING—Barbour, I. W. (City)
ELLSWORTH—Wyman, Levi A.
FARMINGTON—Niehols, Walter
GARDINER—Danforth, Frederic
Hull, Frank E.
LEWISTON—Jones, John A. (City), City Hall
Straw, John B., 124 Pine
MACHIAS—Sargent, Paul D.
NEWBERG—Thurlough, S. A.
NORWAY—Stevens, S. A.
OLD TOWN—Blanehard, Chas. G.
Bussell, S. J.
Hunt, Frank
Mullen, Chas. W.
Sewell, J. W.
PARIS—Vose, George L.
Wood, F. J.
PATTEN—Robinson, Halbert G.
PORTLAND—Bennett, Raymond F., 3 Moulton
Fenn, Chas. W., 11 Exchange
Fernald, Geo. N. (City), City Hall
Forrest, Thos E., Cushings Island
Illsley & Cummings, 57 Exchange
Jones, Jas. B., Island av, P I
Jordan, Edward C. & Co., 31 1-2 Exchange
Riehardson, Perey H., 122 Exehange
Staples, C. E., off Lighthouse rd, Bowery Beach
ROCKLAND—Tripp, O. H.
RUMFORD FALLS—Mixer, C. A.
SACO—Dennett, W. S.
Libby, Rolard W.
SULLIVAN—Simpson, Chas. P.
WATERVILLE—Burleigh, John H.
Roekwood, Ralph H.

MARYLAND.

ANNAPOLIS—Douw, John DeP.
BALTIMORE—Apsey, J. F., 610 Cathedral
Atwood, Wm. O., 18 E Lexington
Baltimore Engineering Co., 14 W Lexington
Banks, Daniel B., 1301 Maryland av
Barclay, Mareus C., 2010 Park av
Benthall, Wm., City Hall
Bouldin, August & Co. (& Surveyors), 224 St. Paul
Conett, O. W., 308 E 22d, N
Coonan, Edw. V., 224 St. Paul
Crider, J. Leland, 1810 N Charles
Dashiell, Benj. J., Irvington
Disney, Thos. H., 12 Van Sant bldg
Doyle, Jno. S., 303 N Greene
Dunean, Frank K., 1109 Harlem av
Duvall, A. Leslie, 2020 Linden av
Ellender, Howard L., 1438 W Lanvale
Ellieott, Franeis, 213 St. Paul
ENGINEERING CO. OF AMERICA (Also Mining, Consulting, Superintending & Contraeting, Railroads, Mines, Water Works, Cement & Power Plants), 902 Cathedral. (See adv. index, end of book)
Exall, T. P., Camden Station
Farquhar, H. S., 1825 N Calvert
Fendall, B. T., City Hall
Frink & Hazen (Consulting & Contraeting), 213 St. Paul
Gordon, Hemingham, 1313 Park av
Gray, Newton M., Woodlawn av, R. P.
Greenbaum, Joseph, 1421 Druid Hill av
Greiner, John E., 203 Hawthorne rd
Gwynn, Henry, 2014 N Calvert
Hambleton, F. H., 912 N Charles
Harris, J. M., 511 Park av
Hays, Richard C. (Marine), 326 N Calvert
Hazen, Wm. N., 213 St. Paul
Hendricks, V. K. (Asst. to Engineer, M. of W., B. & O. Ry.), 111 W Saratoga
Hook, R. F., 216 N Liberty
Hull, John B. T., 1026 Cathedral
Hutton, N. H., City Hall
Iglehart, Paul, 423 Courtland
Johnson, Jas. V. (Marine), 326 N Calvert
Lacy, Robt., 1630 Linden av
Lemley, Cassius MeC. (Co. Surveyor), 1712 N Calvert
Martenet, S. J. & Co. (& Surveyors), 18 E Lexington
Marine Surveyor's Offiee, 326 N Calvert
Maryland Geological Survey, Howard c Druid Hill av
Mavin, Robt. T. (& Surveyor), 14 E Lexington
Milburn, John H., 340 E 22d, N
Newhall & Co., 13 E Read
Patterson, J. S. (City), 1830 W Lanvalle
Powell, R. T., 17 E Saratoga
Primrose, Harry C., Primrose Station
Quiek, Alfred M., City Hall
Petre, Reginald W. (Mining), 403 St. Paul
Renshaw, Robt. L. (Surveyor), 106 Jaekson pl
Sanford, Edw. H. (Marine), 326 N Calvert
Scott, R. S., 832 N Eutaw
Sloan, Frank H., Bldrs. Ex. bldg
Sudler, John E., 1216 W Mt. Royal av
Stone, Wm. Garforth, 16 Clay
Sutton, Jno. H. (& Surveyor), 18 E Lexington
Thomas, Raleigh C., 6 Vansant bldg
Topographical Survey City of Baltimore, City Hall Annex
Tustin Septimus P. (& Surveyor), 18 E Lexington
Twamley, Wm. P. (& Surveyor), 1724 N B'way
United States Engineers' Office, 812 St. Paul
Vandevanter & Hood, 238 Park av
Voorhees, Henry B., Camden Station
Weston, B. Latrobe, 2102 Oak
Wickes, Jos. L., City Hall
CUMBERLAND—Beall, L. L.
Le Fevre, D. P. (County Engineer)
Patterson, T. L
Schaidt, John
Schriver, J. C.
HAGERSTOWN—Evans, Richard
SALISBURY—Polk, W. U.

MASSACHUSETTS.

ADAMS—Haskins, C. C.
Sayles, Chas. F.
AMESBURY—Titcomb, John P., 111 Friend
ARLINGTON—Adams, Henry S.
ATHOL—Caswell Lilley B.
ATTLEBORO—Hyde, K. H.
Luther, W. J.
AYER—Hovey, Horaee C.
BEVERLY—Berry, W. J., 153 Cabot
Hammond, Frank W., 153 Cabot
Porter, A. J., 222 Cabot
BOSTON—Adam, Jas., 31 State
Adams, E. P., 53 State

Adams, H. S. (Wharf & Dock Construction, etc.), Ames bldg
Adams, J. H., 87 Milk
Almy, Wm. F. (Mining), 50 Congress
Ammidown, Albert M., 60 State
Amster, Nathan L. & Co. (Mining), Equitable bldg
Aspinwall & Lincoln (Consulting & Surveyors), 120 Tremont
Badger, Wm. O., 64 Warren (Rox.)
Bainbridge, Randolph, 85 Devonshire
Barbour, F. A., Tremont bldg
Barnes, T. Howard, 7 Water
Bartlett, Chas. H., Pemberton bldg
Bates, W. C., 94 Green, J. P.
Baxter, C. F., 45 Milk
Beals, Wm. J. (Mining), 50 Congress
Beals & Whittle (Mining), 20 Central
Bowditch, E. W., 62 Devonshire
Brackett, Dexter, 1 Ashburton pl
Bradley, Wm. H., 53 State
Briggs, Luther, 15 School
Brooks, Frederick, 31 Milk
Burrill, F. J. (Surveyor), 21 Thorndike (Rox)
Buss, Edward A., 85 Water
Carey, Geo. R., 25 Old Court House
Carmichael, Henry (Mining), 176 Federal
Carey, Geo. R., 25 Old Court House
Carr, Chas. (Consulting), 12 Pearl
Carson, Howard A., 15 Beacon
Carter, Henry H., 95 Milk
Casey, Wm. J., City Hall
Cheney, John E., City Hall
Coffin, Freeman C., 53 State
Collins, H. C.
Cook, Mayo T., City Hall
Cummings, W. W., 3 Head pl
Curtis, F. S. (V. Pres. N. Y., N. H. & H. R. R. Co.)
Cutter, Louis F., 60 City Hall
Davis, Chas. H., 4 State
Davis, E. R., 6 Beacon
Dorr, Edgar S., 30 Tremont
Dwelley, Edwin F., 53 State
Eastman, Pease & Co., 12 Pearl
Ellis, Benj. W., 101 Milk
Emerson, Guy C., 21 Chestnut
Emery, Frank A., 1 Ashburton pl
Eustis, F. A. (Mining), 131 State
Eustis, A. H. (Mining), 131 State
Evans, Geo. E., 95 Milk
Farnum, Loring, N., 53 State
Felton, B. R., 1121 Tremont bldg
Fernald, C. T., 101 Milk
Fisk, W. W. (Mining), 22 Congress
Folsom, Chas. W., 30 Tremont
Foster, Frank A., 34 School
French, Wm. S., 914 Barristers' Hall
French & Bryant, 4 State
Frizell, Jos. P., 60 Congress
Fuller, A. D., 3 Hamilton pl
Fuller, Frank L. (Consulting, Civil & Hydraulic), 12 Pearl
Fuller, Whitney Survey's Corp., 15 Court sq
Gannett, Chas. H. (& Surveyor), 53 State
Geist, Frank W., 85 Water
Gowing, E. H. Pemberton bldg
Gray, Arthur F. (Mill), 53 State
Hall, Fredk. P., 85 Devonshire
Hancox, Benj., Jr., 1 Ashburton pl
Hannan, Wm. E., 34 School
Harriman Bros., 4 Post-office sq
Harrington, Ephraim & Co. (Consulting), 60 State
Hawes, Louis E. (Consulting, Civil & Hydraulic), 101 Tremont
Hodges, Arthur, 147 Milk
Hodges, Gilbert, 131 State
Hodges & George, 147 Milk
Howe, E. W., 65 City Hall
Howland, Albert H., 110 Tremont
Hutchinson, Chas. C., 152 State
Hutchinson, W. Spencer (Mining), 101 Milk
Hyde, Danl W. (& Surveyor), 15 Court sq
Ingalls, Walter Renton (Mining), 4 Liberty sq
Jackson, Wm. (City), 50 City Hall
Jackson, Wm. H., 40 Chestnut
Jacobs, Davis & Barringer (Consulting), 153 Milk
Johnson, Chas. H., 53 State
Jones, J. Edwin, 1 Beacon
Kelly, Wm., 366 W B'way
Kimball, Fred L. H. (Mining), Old South bldg
Kimball, G. A., 101 Milk
Kimball, R. D. (Consulting), 34 Merchants row
Kitfield, E. H., 53 State
Lapworth, E. W., 1616 Dorchester av
Lloyd, G. W. (Mining), Barristers Hall
Lockwood, Green & Co., 93 Federal
McClintock, Jno. N., Old South bldg
McClintock & Woodfall, 15 Court sq
McInnes, Frank A., 49 City Hall
McLean, Sidney W., 1200 Morton
Manley, Henry, City Hall
Mann, Elmer G., 12 Pearl
Marden, H. H., 25 Bloomfield
Mead, Franklin, 2 Kilby
Metcalf, Leonard, 14 Beacon
Metropolitan Contracting Co., 95 Milk
Mildram, H. C., Old Court House
Miner, Frank M., 25 Old Court House
Morton, Chas. (& Consulting), 53 State
Moses, H. H., 17 Ellis
Norris, W. H., North Station
Osborne, R. W., North Station
Palmer, Alfred T., 53 State
Parker, A. L. (Mining), 45 Milk
Parks, C. F., 14 Beacon
Pearson, Chas. A., 8 Waverley blk, Chsn
Perkins, Chas. C., 25 Old Court House
Pierce & Barnes (& Surveyors), 7 Water
Pray, Thos. Jr. (Civil, Electrical & Mechanical, Consulting, Steam, Water & Electricity), 164 Federal
Purdy & Henderson, Paddock bldg
Quimby, Ralph A. (Chief Eng.), 53 State
Rice, Jno. H. (& Surveyor), 15 School
Rice, L. Fred., 125 Milk
Rice, O. D., 53 State
Rideout, H. Orville (Mining), 45 Milk
Rogers, Edwin H., 8 Congress
Savage, J. E. & Co., Old South bldg
Sawyer, Edward, 60 Congress
Sawyer, Walter H., 60 Congress
Semple, W. J. C., 23 Old Ct. House
Shaw, Edwd S. (Consulting, Bridges, etc.), 12 Pearl
Sheaff & Jaasted, 85 Water
Sherman, Wm. F., Old South bldg
Sherry, Frank E., 15 Court sq
Sleeper, Geo. E., 35 Lorraine, Ros.
Smith, Sidney, 91 Maple W R
Snow, F. A., 166 Devonshire
Snow & Barbour (Consulting, Water Supply, Sewage Disposal & Mechanical Analyses Sands, etc.), Tremont bldg
Snow & Humphreys, 85 Water
Sonne, O., 68 Devonshire
Spalding, Fredk. P., City Hall
Stearns, Edward B., 89 State
Stearns, Herbert R., 108 Cushing av
Steele, Herbert B. (Consulting), 12 Pearl
Taylor, Lucian A., Tremont bldg
Thayer, Chas. H. (Mining), 50 Congress
Thayer, E. G., City Hall
Tinkham, S. E., City Hall
Tompson, G. M., 6 Beacon
Tucker, Edward A., 161 Summer
Turner, Edmund K., 53 State
Varney & Churchill, Old South bldg
Webber, Wm. O. (Consulting), 53 State
Westinghouse, Church, Kerr & Co. (Consulting), 131 State
Wheeler, Wm., 14 Beacon
Whitman & Howard (& Surveyor), 85 Devonshire
Whitney, Frank O., 25 Old Court House
Whitney, Wm. H., 15 Court sq
Whittle, C. L. (Mining), 50 Congress
Wilson, F. W., 147 Milk
Wilson, Hy. W., 190 Dorchester
Wilson, Herbt. A., City Hall
Winslow, David H., Pemberton bldg
Winslow, Fredk. I., City Hall
Wood, C. H. W. & Co. (& Surveyors), 2380 Washington
Woodbridge, S. Homer Co., 120 Tremont
Worcester, J. R., 53 State
Young, Thos. J. & Co., 506 Tremont bldg

BRAINTREE—White & Wetherbee, Long's blk
BROCKTON—Barton, Loyal, 63 Main
Chapman, Benj. R. (Asst. City)
Felton, Chas. R. (City), City Hall
Hayward & Howard, 15 Green
White & Weatherbee, 254 Main
BROOKLINE—French, Alexis H., Town Hall
French & Bryant, 334 Washington
BRYANTVILLE—Darmon, Walter E.
CAMBRIDGE—Bowker, E. F., 671 Mass. av
Hastings, Louis M. (City), City Hall
Mason, Wm. A. & Son, 631 Mass. av
CANTON—Endicott, Frederick
CHELSEA—Carr, Jos. R. & Sons, 466 B'way
CHICOPEE FALLS—Cobb, Frank P. (city), 332 Grove
CLINTON—Allen, John S., 77 High
Parker & Bateman, 160 High
Thissell, J. & Son, 48 High
CONCORD—Wood, Albert E.
DANVERS—Bly, J. F.
Nicholas, Andrew, North, D.
DEDHAM—Smith, Nathaniel & Co.
Worthington, Erastus
DEERFIELD—Arms, Richard
Hager, Otis
EASTON—Hayward, E. B.
FAIRHAVEN—Briggs, Geo. A.
Potter, D. C.
FALL RIVER—Beattie, Roy H., 57 N Main
Corbett, Edward M. (& Surveyor), 29 Bedford
Dyer, David H. & Son, 7 Pocasset Bk. bldg
Henry, Wm. T., 30 Borden blk
Marvell, Edw. I. (& Surveyor), 29 Bedford
Wolstenholme & Buffington (& Surveyors), 58 Bedford
FITCHBURG—Bailey, Wm. K., 117 Main
Bemis, D. W., 23 Laurel
Raymond, George, 387 Main
FRAMINGHAM—Frost, C. J.
Van Valkenburgh, J. J.
FRANKLIN—Taft, Stephen C.
GARDNER—Lee, E. M.
Stickney, A. F. & Son, 11 Pleasant
GREENFIELD—Barton, L. G.
Clapp & Abercrombie, Pond's blk
Day, C. J.
Walcott, Charles T.
GREENWOOD—Greenwood, A. H.
HALIFAX—Thompson, Morton S.
HANSON—Damon, Walter E.
HAVERHILL—Evans, Robt. R. (city), City Hall
Desmond, J. T., 210 Merrimac
Littlefield, J. M., 69 Merrimac
Spofford, Nelson, 14 Water
HINGHAM—Foster, Walter B.
HOLYOKE—Ellsworth & Kirkpatrick (Consulting, Mfg. Plants, Water Supply, Sewage Disposal, Water Power, etc.), 18 Dwight
Tighe, Jas. L. (city), City Hall
HUDSON—Stratton, D. W.
HYDE PARK—Hammett, E. A. W., 10 Neponset blk
Norris, G., 45 Water
Richardson, Geo. L.
LAWRENCE—Franklin, John, 316 Essex
Hudson, Chester E., 246 Essex
Littlefield, Chas. H., 234 Essex
Oliver, Moses W., 5 Albion
Siostrom & Franklin, Central bldg
LEOMINSTER—Gates, Jones W.
Miller, Geo. F.
LONGMEADOW—Clark, J. E.
LOWELL—Bowers, George (City), 359 Westford
Hill, Nathaniel (& Surveyor), 228 Worthen
Snell, Ora M. (Surveyor), 295 Central
Smith & Brooks (& Surveyors), 26 & 27 Hildreth bldg
LYNN—Eastman, Fred H. (& Surveyor), 38 Exchange
Gay, Charles W. (& Surveyor), 1st Nat'l B'k bldg
Harris, I. K. (& Surveyor), 59 Exchange
Leland, Geo. I. (City), City Hall
Rogers, H. E., 38 Exchange
MALDEN—Mirick, Geo. L., 17 Pleasant
Sargent, Albert, 425 Main
MANCHESTER—Raymond, C. Allen
MEDFORD—Goodwin, Jas. O., 28 Main
MELROSE—Stevens, Walter C.
METHUEN—Howe, Jos. S.
MILLBURY—Garfield, Moses D.
MILTON—Churchill, W. W., Associates bldg
Hall, Fred'k P.
Sigourney, Harry H. W.
MONTAGUE—Clapp, Abercrombie, Turner's Falls
NATICK—Wight, W. W.
NEW BEDFORD—Briggs, Geo. A., 49 William
Drake, Albert B., 164 William
Metcalf, Frank M., Masonic bldg
Williams, Wm. F. (city), 76 Pleasant
NEWBURYPORT—Dame, Luther, 76 State
Langdon, G. W., 6 Park
NEWTON—Blake, Percy M., 85 Wash'n N'ville
Estes, Abraham S. N. (Consulting), 297 Walnut, N'ville
Sawyer, Edw.
Smillie, Edward S., 429 Centre
Thompson, Sanford E., 63 Hartford, N. H.
Wight, Williard W., N. C.
NORTH ADAMS—Bond & Emigh, Dowlin blk
Gardner, Roswell (City)
Linnell, H. P., Kimbell blk
Locke, F. B. (City)
Rogers, C. E., City Hall
Smith, Frederick S., 57 Main
NORTHAMPTON—Davis, E. G. & E. E., 78 Main
Patterson, Malcolm D., 63 Centre
Thacher, L. M. (City), 59 Main
NORTH ATTLEBORO—Westcott, F. T.
NORWELL—Smith, Geo. A.
NORWOOD—Rogers, Robert
Smith, Geo. A.

PALMER—Ball, Edwin P.
Brainard, Wm. H.
Gager, Luther H.
PEPPERELL—Blood, Lorenzo P.
Tarbell, Geo. G.
PITTSFIELD—Barnes & Jenks, 28 West
Forbes, A. A.
Smith, Frederic S., 150 North
PLYMOUTH—Holmes, C. H., S Pond
Sampson, Levi R.
Sears, Walter H.
QUINCY—Branch, E. W., Adams bldg
Flood, Hamilton (City)
Lawton, Perry, 145 Hancock
Whitman, Herbert T., Adams bldg
RANDOLPH—Clark, Dexter
READING—Bancroft, Arthur G.
Davis, Arthur J.
ROCKLAND—Howland, Chas. W.
Torrey, W. Archer
ROCKPORT—Pool, Calvin W.
Wires, H. P.
SALEM—Cook, Henry, 1 Central
Foster, Joseph, 237 Essex
Metcalf & Ashton, 39 Church
Nichols, Andrew, Court House
Putnam & Ricker, 251 Essex
SAUGUS—Hancock, B. F.
Hawkes, Levi G.
SOMERVILLE—Bailey, E. W. (City), City Hall
Elliott, C. D., 59 Oxford
Elliott, C. J., 59 Oxford
SOUTHBRIDGE—Moore, A. C.
Whittaker, Jno. A.
SPENCER—Craig, Geo. A. & Son
SPRINGFIELD—Adams, Arthur A. (Supt. of Streets
Barker, J. K., 332 Main
Bettes, Stockwell, 292 Main
Brown, W. A.
Durkee, White & Towne, 292 Main
Eliis, G. W., 158 Sherman
Maynard, Robt. D., 36 Oak Grove av
Merrill, Geo. N. & Co. (Consulting), 292 Main
Moulton, Mace (Consulting), 233 Main
Murphy, H. T.
Slocum, Charles M. (city), 43 Bridge
SWAMPSCOTT—Eastman, F. H.
TAUNTON—Dean, Luther, Crocker bldg
King, Geo. A. (City), City Hall
Williams, Geo. L., 151 Weir
TOWNSEND—Stickney, A. F., W T
UXBRIDGE—Aldrich, Ashabel F.
Pratt, Daniel
WAKEFIELD—Hawes, L. E.
WALPOLE—Grover, Edmund
Robbins, Dana W.
WARE—Eaton, Wm. C.
WATERTOWN—Jackson, Chas. F.
WEBSTER—Clarke, Henry J.
Wakefield, B. A.
Whittaker & Berger
WELLESLEY—Fuller, Frank L.
Sawyer, Walter H.
Taylor, Chas. N.
WESTBORO—Appleton, E. C.
WESTFIELD—Parks, Oren E. (City), Town Hall
Thayer, L. F. (& Surveyor), E Silver
WILLIAMSTOWN—Walker, Alex.
WINCHESTER—Fletcher, Elmer D. (Town)
Pratt, Daniel W.
WOBURN—Hartshorn, G. F.
WORCESTER—Allen, Geo. I. (Consulting), West Boylston
Allen, Chas. A. (Consulting), 44 Front
Browning, H. H., 405 Main
Burbank, C. W & Son, 2 Allen ct
Buttrick & Pratt, 340 Main
McClure, Fred'k A. (City), City Hall
Marble & Allen (Consulting), 44 Front
Moore & Smith, 44 Front
Parsons, S. B. (Surveyor), 50 Apricot
Prior, Willis G., 43 Foster
Rugg, O. Willis, 340 Main
Thompson, W. I., 340 Main
Thompson & Gallagher, 339 Main
Tribe, Geo. T., 339 Main
Woods, Arthur W., 518 Main

MICHIGAN

ADRIAN—Blair, James
King, H. N.
Phillips, F. R. (Surveyor)
ALDEN—Thomas, Geo. B.
ALLEGAN—McDougall, Hugh
ALPENA—Comstock, D. S.
McNeil, J. W.
ANN ARBOR—Groves, E. W. (City)
ASSENINS—Denomie, Simon
ATLANTA—Sherwood, Chas. T.
AU TRAIN—Roundtree, J.
BAD AXE—McFadden, Duncan
Stendwick, Hy
BALDWIN—Russell, R. L.
BATTLE CREEK—Hunt, E. U. (City)
Ularhoff, A. L.
Whitney, H. K.
BAY CITY—Bloomshield, John (Consulting, Waterworks, etc.), Shearer blk
Johnston, J. M. (Surveyor), Union blk
Kelly, J. A., 25th bet B'way & Marsac
Thompson, Henry C. (Consulting), 605 Ohio
Turner, Geo. E. (Co. Surveyor), City Hall
BELLAIRE—Jenkins, J. R.
BENTLEY—Almost, J. C.
BENZONIA—Pettit, J. A.
BESSEMER—Baker, H.
Rupps, Geo.
BIG RAPIDS—Roben, D. B. & Co.
June, L. W.
BOYNE FALLS—Robinson, A. E.
BREEDSVILLE—Hulbert, C. B.
BROCKWAY—Fisher, Jno.
BRONSON—Hamilton, Chas.
BROOKLYN—Cook, F. H.
Cook, P. T.
BRUCE CROSSING—Borton, Frank
BRUTUS—Main, S. G. (Surveyor)
CADILLAC—Teed, A. J. & Son
Teed, D. E.
CALUMET—Scott, Donald M., Laurium
CARLETON—Lang, G. E.
CARO—Brumley, L. M.
CASSOPOLIS—Haines, J S. (Co. Surveyor)
CENTERVILLE—Todd, V. H.
CHARLEVOIX—Nettleton, D. C.
Robinson, E. K.
CHARLOTTE—Newcomb, M. E.
CHEBOYGAN—Bowen, David
Rollo, G. V. D.
Thompson, W. C.
Ward, M. E.
CLIMAX—Hodgman, Frank
COLDWATER—Hamilton, Chas.
COOPERSVILLE—Peck, E. H.
CORUNNA—Joslin, E. F.
CRYSTAL FALLS—Baker, Henry
Eggleston, Seymour
DAVISON—Billings, S. R. & Son
DEERFIELD—McKay, Wallace
DETROIT—Barcroft, F. T., Ferguson bldg
Beseler, Chas. W., 432 Elmwood av
Bothfeld, Chas. C. (Consulting), Home Bank
Brown, M. L. & Co., 821 Cham of Com
Campau, Thos. & Son, Campau bldg
Copland, A. W., Wayne Co. Sav. Bk. bldg
Courtis, Wm. M. (Mining), Hammond bldg
Cram, Roys J., 26 Hancock av W
Field, Hinchman & Smith (Consulting), 710 Wash'n Arcade
Hall, Henry J., 692 14th av
Henry, D. F. (Consulting), 52 Woodward av
Jerome, Edwin, Cleland bldg
Joy & Barcroft (Consulting), Ferguson bldg
Keating, P. W., 149 Harrison av
King, W. C., 12 Moffat bldg
Lynn, J. T. (Consulting), Union Trust bldg
McCormick, Robt. H., Jones bldg
Ray, F. O. (City), 470 Hancock av, W.
Russell, W. O., 282 Jos. Campau av
Smiley, R. W., Wayne Co. Sav. Bk. bldg
Thomas, S. E. & Co. (Consulting), Hodges bldg
Westinghouse, Church, Kerr & Co. (Consulting), Union Trust bldg
Wilmarth, A. H., 2287 Grand River av
Willmarth, M. M., 18 McGraw bldg
Wisner, G. Y., 606 Wayne Co. Sav. Bank bldg
DIAMONDLOCH—Pettee, T. W.
DIMONDALE—Bailey, M. H.
Bateman, A. N.
DISCO—Cannon, L. H.
Lawson, James
EAGLE RIVER—Smith, W. J.
EDSON—Miller, Nelson
ENGLISHVILLE—Knox, J. M.
ESCANABA—Craig, John S.
Palmer, Cornelius
Royce, Eli P.
FARNSWORTH—Devoe, H.
FENTON—McCalmon, John
Walker, M.
FITCHBURG—Dunham, Webb
FORD RIVER—Hoffman, Hy.
FRANKFORT—Pettit, J. A.
FREMONT—Anderson, D. G.
FRUITPORT—Abbott, J. C.
GAYLORD—Hoffman, D. M.
McCallummore, E. F.
GERMFASK—Ford, E.
GLADWIN—Doane, G. W.
GOOD HARBOR—McKay, A.
Portner, A.
GRAND HAVEN—Peck, E. H.
GRAND MARAIS—Roundtree, Jas.
GRAND RAPIDS—Anderson, L. W. (City), 12 Eureka av
Christ, E. H., 75 Lyon
Hauser, Owen & Ames, 121 N Ottawa
Rumsey, Jas. L., 374 Grandville av
Skeels, Dorr, 221 Houseman bldg
GRAYLING—Blanshaw, Wm.
Newman, A. R.
GREENFIELD—Monnier, Alfred
GREENVILLE—Caukin, H. M.
HARBOR BEACH—Tucker, J. H.
HARBOR SPRINGS—Palmer, Marion (Surveyor)
Swift, John (Surveyor)
HARRISON—Harper, W. W. (Surveyor)
HARRISVILLE—Chapelle, Edw.
Freer, Andrew
Reed, Abraham
HART—Hyde, E. M.
Wetmore, F. F.
HASTINGS—Bateman, A. N.
HERSEY—Trumbull, Frank (Co. Surveyor)
HILLSDALE—Mark, G. A.
HOLLAND—Price, James
HOUGHTON—Dengler, Theo.
Edwards, J. P.
Pryor, R. C. (Mining)
HOWELL—Bullock, M. W.
IONIA—Crawford, D. C.
IRON MOUNTAIN—Armstrong, Herbert
IRONWOOD—Goudie, J. H. (Mining)
ITHACA—Harrod, J. W.
Redman, E. W.
JACKSON—Fargo, Wm. G., 117 E Cortland
Frost, J. B., 184 W Main
KALAMAZOO—Albertson, D. J.
Pierson, Geo. S. (Consulting, Water Supply, Sewerage & Sewage Disposal)
Strong, E.
Taft, Miner C., 723 Staple av
KALKASKA—Nicholson, Louis (Co. Surveyor)
L'ANSE—McKercher, James
LAURIUM—Scott, D. M.
LEVERING—Sherritt, Thomas
LUDINGTON—Mitchell, C. E.
Towns, R. O.
MANCELONA—Jenkins, Joseph R.
MANISTEE—Baker, S. H.
Hubbell, J. J.
MARINE CITY—McKenzie, J. E.
MARLETTE—Arthur, C. W.
MARQUETTE—Cummings, Chas.
Cummings, G. P. & Son
Payne, H. J.
MARSHALL—Courtright, P. A. (City)
Joy, P. S.
MASON—Meech, E. R.
MAYVILLE—Felton, G. B.
MENOMINEE—Hass, Albert (City)
MIDLAND—Gibbs, F. T.
Jenny, C. L.
Olmstead, Sherman
MT. CLEMENTS—Fessenden, Cortez
Irwin, J. W.
Sackett, L. M.
MT. PLEASANT—Coburn, E. R.
MUSKEGON—Abbott, Jno. C. (Surveyor)
NEWAGO—Jaques, Wm. M. (Co. Surveyor)
NEWBERRY—Metcalf, C. W.
NORTH BRANCH—Sicklesteel, F. A.
NORTH MUSKEGON—Irwin, E. A.
NORWAY—Hallberg, G. A.
OAKVILLE—Bedell, Hiram
OMENA—Green, W. O.
ONTONAGON—Oley, Chas. (Co. Surveyor)
Parker, A. F.
OTISVILLE—Middleton, Moses
OWOSSO—Main, H. C.
PAW PAW—Mutchler, George
PENN—Smith, F. E.
PENTWATER—Grant, Hobart A.
PETOSKEY—Benham, Geo. W.
Heyden, O. S.
Palmer, Marion
PONTIAC—Fisher, Wm. J.
Serrell, S. J.
Slater, F. A.
POPPLE—Kern, Vern.
PORT HURON—Sabin, L. C.
PRATTS—Cramer, P. D.
PRINCETON—Middlemiss, B. A.
RICHMOND—Burgess, O. S.
ROGERS—Heslip, Matthew
ROMEO—Fessenden, C. P.
RONDO—Pike, S. J.
ROSCOMMON—Foote, Richard
Kiely, Eugene (Co. Surveyor)
SAGINAW—Holmes, Chas., 501 S Park, E. S.
Lamar, H. H. (City), 109 Laper av
Leavenworth, I. H., 126 N Harrison
Roberts, R. W., 11 N Wash'n av
Sears, Wm. B. (Consulting), 614 N 7th
ST. CHARLES—Tefft, J. G.

ST. CLAIR—Poole, Mandeville
ST. IGNACE—Cubley, B. E.
McElroy, Michael
ST. JOHNS—Clemons, J. F.
Eddy, Chas.
ST. JOSEPH—Cleary, Will J.
SALINE—Bassett, H. W.
SANILAC CENTRE—Nichol, Thos. (Co. Surveyor)
SAULT STE. MARIE—Brown, Fred H.
Lawrie, J. A. (City)
Thompson, H. C. (City)
SOUTH ARM—Keenholts, De Witt
Nicholls, Ira
Payne, J. I.
STAMBAUGH—Selden, W. H.
STANTON—Caukin, H. M.
STANDISH—Carscallen, G. T.
STEPHENSON—Larsen, P. A.
STOCKBRIDGE—Hall, Adney A.
STURGEON BAY—Hulse, Jacob
TRAVERSE CITY—Allyn, E. H. (Co. Surveyor)
Blomshield, Jno. (City)
UI·A—Smith, H. C.
WALDENBURG—Boeling, Frank
WEBBERVILLE—McCreary, John
WEST BAY CITY—Bloomshield, J. H. (City). Mosher blk
Thompson, H. C., Fisher blk, Midland
WEST BRANCH—Galbraith, J. W.
WHITTEMORE—Belknap, Howard M.
WILLIAMSTON—Mullett, J. H.
WILMOT—Teskey, J. A.
YPSILANTI—Allen, Jerome
Woodward, C. S.

MINNESOTA.

ADA—McKenzie, Alex.
AITKEN—Armstead & Kelly
ALBERT LEA—Barneck, Wm.
Fisk, F. H.
ALEXANDRIA—Abercrombie, John
AUSTIN—Clausen, M. N.
Nason, V. A.
BAGLEY—Wiltse, Thos.
BARNESVILLE—Butler, Nathan
Maiers, N. N.
BEAULIEU—McKenzie, Alex.
BEMIDJI—Stoner, M. D.
BENSON—Lawson, L. H.
BLUE EARTH—Remington, F. E.
BRAINERD—Bartlett, J. F.
BRECKENRIDGE—Flynn, J. T.
BROWNS VALLEY—Rutledge, Edw.
BUFFALO—Blom, A. A.
CALEDONIA—Briggs, E. S.
CAMBRIDGE—Holm, A. N.
CARLTON—Skelton, John S.
CENTRE CITY—White, J. E.
CHASKA—Neustel, Conrad
COLFAX—Highstrom, N. G.
COTTONWOOD—Lende, Frederick
CROOKSTON—Arnold, W. F.
Carroll, J. E.
Hamery, O. J.
Ralph, G. A.
DETROIT CITY—Morton, Wm. R.
DULUTH—Frank, C. P. (County), Palladio bldg
McGilvray, T. R., 1st Nat'l Bk. bldg
Nichols, Raymond W., Manhattan bldg
Patton, W. B. (City), City Hall
Potter, Jno. S., Manhattan bldg
Reed, D. A., Providence bldg
DUNDAS—Reed, C. A.
ELBOW LAKE—Erlandson, Per.
ESDON—Garrison, L. E.
EVELETH—Bailey, C. E.
FAIRMONT—Sawyer, G. E.
FARIBAULT—Reed, C. A.
FERGUS FALLS—Aalberg, Martin
Blegen, Hans
FOLEY—Cannon, D. B.
FULDA—Woolstencroft, J. W. W.
GLENCOE—Dieter, E. A.
Hankenson, J. J.
GLENWOOD—Kinney, K. J.
GRACEVILLE—McDonnell, M. J.
GRAND RAPIDS—Murchic, Jas.
GRANITE FALLS—Norgaard, John
HALLOCK—Estlund, C. J.
HASTINGS—Forbes, C. A.
Lowell, C. B.
HENDERSON—Mullen, S. F.
HENNING—Aalberg, Martin
HIBBING—Longyear, E. J. (Mining)
Silliman, A. P. (Mining)
HINCKLEY—Mullen, J. H.
HUTCHINSON—Dean, John
INTERNATIONAL FALLS—Gillion, D. J.
JACKSON—Buckle, Chas.
LAKE BENTON—Chase, J. B.
LESUEUR CENTRE—Solberg, Edw.
LITCHFIELD—Taylor, N. Y.
LONG PRAIRIE—Sargent, S. S.
LUVERNE—Harvey, H. E.
MADISON—Loftfield, Berner
MANKATO—Brooks, W. F.
Haynes, M. B. (Consulting)
Thompson, J. R. (City)
MANTORVILLE—Currier, Frank
MARSHALL—Hawkins, W. A.
MILACA—Milton, E. V.
MILAN—Stennes, J. J.
MINNEAPOLIS—Abbott, E. T., Globe bldg
Cappelen, F. W. (Consulting), Globe bldg
Cooley, G. W. (Co. Surveyor), Court House
Cooper, Madison (Specialty Cold Storage), 410 N 1st
Cull, J. B. (Mining), Globe bldg
Dahl, P. M., the Phoenix
Dewey, C. J., 305 Flour Exch.
Egan, James E. (& Surveyor), 10 S 3rd
Elftman, E. L. (Mining), Globe bldg
Fanning, J. T. (Consulting), 602 Kasota bldg
Fanning, R. B., 602 Kasota bldg
Graber, Albert, Guaranty bldg
Henry, Francis M., Lumber Ex
Lagaard, Theo., 601 Globe bldg
Moore, C. H., 2835 1st av, S.
Nutter, F. H. (& Surveyor), 710 Sykes blk
Nutter, F. H., Jr., 710 Sykes blk
Shepley, C. R., 225 Godfrey blk
Sublette, Geo. W. (City), City Hall
Thomas, Geo., 73 Western av
Turner, C. A. P., The Phoenix
Woodbury, F. D., 1011 16th av, S. E.
Woodbury, S. E. (Surveyor), 1011 16th av, S. E.
MONTEVIDEO—Moyer, L. R.
Moyer, S. L.
MOORHEAD—Butler, Nathan
MORA—Nelson, John
MORRIS—Wheaton, D. T.
NASHWAUK—Longyear, E. J.
NEW ULM—Boock, Geo.
OLIVIA—Johnson, C. G.
ORTONVILLE—Chapman, R. H.
OWATONNA—Brown, F. C.
Dartt, H. S.
PARK RAPIDS—Berg, Lewis A.
PINE CITY—Hamlin, W. H.
PIPE STONE—Pierce, J. W.
PRESTON—Case, H. H.
PRINCETON—Milton, E. V.
RED WING—McKinstry, W. R.
REDWOOD FALLS—Bigham, D. L.
RENVILLE—Johnson, C.
ROCHESTER—Armstrong, Chas. G.
Fraser, Wm. C.
ROSEAU—Baugh, Jos.
RUSH CITY—White, J. E.
Chute, S. S.
ST. CLOUD—Morgan, J. D.
ST. JAMES—Nichols, E. E.
ST. PAUL—Armstrong, J. H., 504 Globe bldg
Bement, R. B. (Consulting), 504 Endicott bldg
Bolles, H. A. (Surveyor), 166 E 3d
Clark, H. E., Nat'l G. A. Bank bldg
Clark, J. A., Union blk
Claussen, Oscar, Nat'l G. A. Bank bldg
Forbes, C. A., 11 Court blk
Fowble & Fritz (& Surveyors), 34 Union blk
Hoenck, Edw., Bradley bldg
Irving, J. B., 16 Court House
Johnson, G. A., 45 E 4th
Johnson, G. A., Jr., 16 E 6th
Loweth & Wolff (Consulting), 1st Nat'l Bk. bldg
Macy, E. C. (Ass't Eng. C. G. W. Ry.)
Morris, Chas. J. A., Globe bldg
Rundlet, Leonard W., 607 Lincoln av
Sewall, J. S., 958 Eustis
Swenson, H. A. & Surveyor), 638 Endicott bldg
Tanner, K. & R., Gilfillan blk
SHAKOPEE—Hilgers, Jno.
SLAYTON—Woolstencroft, J. W.
SPLITROCK—Johnson, H.
STEWARTVILLE—Armstrong, C. H.
STILLWATER—Oldham, Jos.
Shepard, Myron
ST. PETER—Daniels, H. W.
THIEF RIVER FALLS—Smiley, W. C.
THOMSON—Myers, Wm.
TWO HARBORS—Kempffer, Frank
VIRGINIA—Lamont, J. D. (Mining)
WABASHA—Beatty, Geo.
Cook, L. O.
WADENA—Bean, P. O.
WALKER—Canfield, Jas. M.
WARREN—Wood, J. K.
WASECA—Smith, O. L.
WILLMAR—Day, J. S.
WINDOM—Gove, G. W.
WINNEBAGO CITY—Weir, G. A.
WINONA—Burns, E. C.
Coleman, G. P.
WORTHINGTON—Smith, M. S.

MISSISSIPPI.

BILOXI—Morrill, E. W.
Walker, John
JACKSON—Kirkpatrick, W. G. (City)
NATCHEZ—Dalgarn, L. M. (City)
VICKSBURG—McFarland, C. R.
Pierce, A. L.
Searles, J. M.
WEST POINT—Hall, Thos. V. (Consulting)
YAZOO CITY—Smith, Ezra

MISSOURI.

BENTON—Harrison, Robt. L.
BETHANY—Werminger, J. J.
BOONVILLE—Ollison, Clarke
Ravenal, S. W.
Trent, W. W.
BREWER—Layton, T. H.
BROOKFIELD—Gilchrist, E. M.
BUTLER—Haggard, D. L.
Johnson, R. E. (County)
CARTHAGE—Grieb, Victor
Jackson, C. S.
King, D.
CASSVILLE—Stufflefield, Clay
CENTRAL—Elbring, August
CLAYTON—Rapp, Julius
COLUMBIA—Quinn, P. S.
Watts Engineering Co.
DANVILLE—McCleary, J. L.
EMINENCE—Paulding, W. W.
FAYETTE—Dunaway, E. E.
Wisely, John D.
FORSYTH—Adams, Wm. R.
FULTON—Cave, John C.
GALLATIN—Lockridge, Geo.
GLASGOW—De Witt, W. R.
Fox, S. Waters
GORDONVILLE—Beau, L. M.
GRANT CITY—Tandy, Benjamin
GREENFIELD—Long, A. M.
HANNIBAL—Moltz, A. C.
HARTFORD—Bailey, Chas. (County)
HARTVILLE—Raney, C. R.
HERMITAGE—Chancellor, Patrick
HIGGINSVILLE—Turman, S. F.
HILLSBOROUGH—Dover, J. B.
HUNTSVILLE—Balthis, Frank S.
INDEPENDENCE—Grinter, P. C.
Jones, F. A.
Pendleton, H. H. (City)
IRONTON—Hollman, A. W.
JACKSON—Bean, L. M.
Brooks, J. F.
JACKSONVILLE—Rice, B. F.
JEFFERSON CITY—Dewey, Chas E.
Harding, E. F. C. (City)
JOPLIN—Dorman, Andrew F.
McKee, S. J. (City)
Miles, Orson E.
KAHOKA—Ingold, S. F.
KANSAS CITY—Abercrombie, H. B. (Co. Surveyor), 3641 Bell
Beard, Edw. J., Gibraltar bldg
Bedell, Chas., 619 E 5th
Blodgett, A. M., Thayer bldg
Bontecou, Dan'l, Postal Telegraph bldg
Brown, Edw. A., 602 Heist bldg
Burns, Clinton S., Dwight bldg
Burns & McDonnell (Municipal Work, etc.), Dwight bldg
Calpitts, Walter, 18 W 38th
Chollar, Byron E., 2840 Troost
Church, A. M. (Co. Surveyor), N. Y. Life bldg
Cole, Geo. E. Co. (Surveyor), 2321 Chestnut
Donnelly, Jno., 401 Whittier pl
Dox, C. Y., 905 Penn
Drinkard, B., 1524 McGee
Dunn, W. H., 3d fl. City Hall
Filley, Hart H., 2816 Campbell
Fox & Smith, K. C. Life bldg
Gambol, C. W., 604e 38th
Gregg, W. S., Postal Tel. bldg
Gunter, E. T., 510 Brooklyn
Hatch, S. J., 16 W 17th
Heggem, Alfred G., Bryant bldg
Hoover, Fred'k R., 514 N. Y. Life bldg
Hoover, J. W., 514 N. Y. Life bldg
Hughes, T. C., 620e 42d
Jansen, L. H. (Mining), Am. Bank bldg
Johnson, H. F., 3100 Garfield
Katzmaier, J. M., 108 E 19th
Kessler, G. E., Fidelity Trust Co. bldg
Kiersted, Wynkoop, 58 Water Works bldg
Knight, Thos. (Consulting), Gibraltar bldg
Koehler, Oscar R. (Surveyor), 1822 Highland

Koehler Bros., Essex bldg
Lee, J. R., Long Bros. bldg
Lidy, G. F., 305 Temple blk
McDonnell, Robt. E., Dwight bldg
Mehl, F. W., 1232 Bales
Mitchell, S. A., Bryant bldg
Moreland, J. H. (Mining), 14 W Mo. av
O'Flaherty, F. P., 217 Woodworth
O'Flaherty, Daniel, N. Y. Life bldg.
Palmer, W. K. (Consulting), Dwight bldg
Pearce, G. J., 2408 Olive
Pearsons, G. W., 1611 Balt. av
Randall, F. D., 715 Jackson
Sageman, G. C., 1330 Wash'n
Shepard, L. G., N. E. Life bldg
Smith, Fred P., Dwight bldg
Todd, F. H., Shukert bldg
Tuttle & Pike (& Surveyors), 600 Baird bldg
Vail, D. M., 2307 Charlotte
Waddell & Hedrick (Consulting), New Nelson bldg
Walters, Edwin, 3031 Holmes
Weeks, Kendall & Newkirk, New Nelson bldg
Wheeler, W. A., 418 Lawton pl
Whitney, B. R., Mass. bldg
Whitney, B. R., Jr., 1002 Garfield
Winkler, E. T., 628 Locust
Wise, Henry A., 1204 Virginia

KIRKSVILLE—Hall, Stephen (City)
KIRKWOOD—Baker, H. W.
LAMAR—Goodwin, C. D.
LEBANON—Willard, Timothy
LEXINGTON—Mulligan, John
LINNEUS—Bigger, C. G.
MARBLE HILL—Reily, J. A.
MARSHFIELD—Smith, Alexander
MENDOTA—Johnson, B. H.
MEXICO—Rodgers, C. D.
MOBERLY—Estell, H. V. (City)
MASON CITY—Riley, J. W.
MOUND CITY—Morris, W. M.
NEVADA—Wood, W. H.
NEW CASTLE—Vance, A. N.
NEW MADRID—Hunter, L. H.
OAKLAND—Blickensderfer, R.
OREGON—Young, C. E. (City)
OSCEOLA—Bowles, R. C.
PALMYRA—Scheetz, H. C.
PARIS—Grigsby, J. N.
PARSON—Crawford, J. E.
PERRY—Wells, Lee
PERRYVILLE—Layton, T. H.
PINE CREEK—Willard, Timothy
PLATTE CITY—Polk, D. T.
PLATTSBURGH—Everly, A. J.
POPLAR BLUFF—Bacon, Ernest (City)
Puckett & Raudabaugh
POTOSI—Holman, T. H.
PRINCETON—Sheets, W. P.
ST. CATHERINE—Biggers, C. G.
ST. LOUIS—Abbot Gamble, 620 Chestnut
Allan David, 810 Olive
Baker, Holland W., 319 N 4th
Bendit Mercantile Engineering Co., Wainwright bldg
Betjeman, John A., 904 Olive
Bleeck, Oscar W. & Son, 816 1-2 Chestnut
Bouton, Wm., 615 Chestnut
Bowen, A. L., 107 N B'way
Boyce, W. D. Engineering Co., Chemical bldg
Boyle, John, Jr. (Mining), 719 Chestnut
Brenneke & Fay, 122 N 7th
Brussel, Hugnes, 202 N 9th
Bruyn, Geo., 703 S 4th
Bryan, W. H. (Consulting), Lincoln Trust bldg
Burchard, Samuel W., 721 Olive
Burnet, Geo., 6623 Mich av
Cameron, D. F. (Mining), Laclede bldg
Carrick, Robt., 806 1-2 Chestnut
Chaphe, Jas. M., 211 N 7th
Chauvenet, R. & Bro. (Mining), 620 Chestnut
Chollar, John J., 209 N 6th
Colby, B. H., 415 Locust
Collins, Jerome H., 319 N 4th
Dodds, J. T., 813 1-2 Chestnut
Fields, S. J., 97 Maryville av
Fischer, C. O., 615 Chestnut
Flad, Edward (Consulting), Fullerton bldg
Ford, Owen, 319 N 4th
Garrett, John T., 715 Locust
Geisel Construction Co., Koken bldg
Golden, Arthur M. (Mining), 2653 Wash'n av
Gray, Edw., 211 N 7th
Guest, W. Wollastan, 220 N 4th
Harman, Eugene L., 122 N 7th
Haydock, Chas. L., 5975 Cote Brilliante av
Haydock, D. W., 5975 Cote Brilliante av
Heard, Silas W., 4324 Morgan
Hermann, Edw. A., 319 N 4th
Hinckley, J. F., Fullerton bldg
Holman & Laird, 721 Olive
Hopkins, Wm. F., 420 Olive
Humphrey, Henry H., Chemical bldg
Johnson, A. L., Century bldg
Johnson, B. E., 907 Chestnut
Johnson, Jos. Y., 6033 Horton pl
Johnson, R. D. O. (Mining), Roe bldg
Joyce Surveying Co., 620 Chestnut
Kimball, Clinton, 1707 S 3d
Ledlie, Chas. H., 220 N 4th
Lichter & Jens, 721 Olive
Ludington, Walter S., 220 N 4th
McMath, R. E. Surveying Co., 706 Chestnut
Markmann—Tyrell Eng. Co., 620 Chestnut
Moorse, P. N., 219 N 4th
Moore, Robt. (Mining), 219 N 4th
Morey Eng. & Const. Co., 405 N 6th
Osborn, Jos. A., Chemical bldg
Percival & Jones (Consulting), Burlington bldg
Peugnet, M. B., 701 Chestnut
Phillips, Hiram, 301 City Hall
Phillips, Richard H., Lincoln Trust bldg
Pitzman's Co. (Surveyors & Engineers), 615 Chestnut
Pottle, Edw., 806 1-2 Chestnut
Quigley, John B., 415 Locust
Raupp, Carl, Oriel bldg
Reber, Maxime, 421 Olive
Rodgers, Geo. B., 220 N 4th
Ruebel-Schwedtmann—Wells, Chemical bldg
Russell, S. B. (Consulting Water Works, Pewer Plants, etc.), 417 Pine
Schmitz, Otto, 615 Chestnut
Scott, Ashley D., Chemical bldg
Siebert, Alfred, 4950 Columbia av
Smith, A. I., 4822 Greer av
Spencer, E. J., 219 N 4th
Stephens, Clinton F., 319 N 4th
Taussig, Hubert P., 321 N 14th
Thurman, Jno. S., 3933 Olive
Tierman, Jas. A., 810 Olive
Van Sant, R. L., 421 Olive
Von Borcke, Chas. A., 706 Chestnut
Wabash Engineering & Contracting Co. (Engineers & Contractors for Large Engineering Work), 904 Olive
Walzl, John H., Chemical bldg
Watts Engineering Co., 509 Chestnut
Wheeler, H. A. (Mining), 721 Olive
Wideon, Knute C. 202 N 9th
Wilson, H. S., 810 Olive
Winn, Walter E., 510 Pine
Zeller, Albert H., 122 N 7th

SAVANNAH—Hine, W. G.
SEDALIA—Johnson, J. C.
Yeater, Merritt
Zoll, C. H. (City)
SPRINGFIELD—Dougherty, P. L., Baldwin Theatre bldg
Horton, H. G. (City)
Phillips, C. E., 535 State
Reed, Geo. F.
White, T. A. (City)
STONY HILL—Poser, R.
TROY—Seaman, W. J.
UNION—Eckert, Joseph
VIENNA—Williams, Ash
WARRENSBURGH—Zoll, C. H.
WEST FORK—Sutterfield, E. H.
WEST PLAINS—Summers, W. P.

MONTANA.

ANACONDA—Lord, H. S.
Tobin, Pat'k
BIG TIMBER—Walvoord D. J.
BILLINGS—Smith, S. K.
BOULDER—Cralle, R. M.
BOZEMAN—Frost, Frank (Mining)
Robertson, J. M.
Thorpe, C. M.
BUTTE—Baker, T. T., 60 Silver Bow blk
Clark, H. S. (Mining)
Davis, J. E.
Frank, Albert
Glass, Jas. (Mining)
Harper & Mecdonald (Mining)
Knight, A. B. (Mining)
Leggat, J. B. (Mining)
Mitchell, F. S. (Mining)
Munroe, A. F.
Pennington & Barker (Mining), 36 E Granite
Wilson, E. H. (Mining), Hennessy bldg
Winchell, H. V. (Mining)
CHINOOK—Smith, L. G.
CHOTEAU—Shields, J. W.
CONRAD—Darling, M. S.
Ueland, M. A.
DEER LODGE—Davis, H.
DILLON—Metlen, G. R.
FORSYTH—Taber, C. B.
FORT BENTON—Merrifield, A. W.
GLASGOW—Mahon & Patten
GLENDIVE—Adams & Pennell
GREAT FALLS—Bird, G. W.
Whitten, B. D.
HAMILTON—Kippen, M. D.
HELENA—Brown, G. L. (Mining)
Dickerson, Winchester (Mining)
Farmer, J., Court House
Helmick, C. W. (City & Mining), 29 Pittsburg blk
Hovey, A. S. (Mining) 26 Merchants' blk
Wickes, G. T. (Mining)
Word, W. F. (Mining)
KALISPELL—Gibson, J. B.
Jaqueth, A. L.
KILA—Hart, J. L. (Mining)
LEWISTOWN—Hogeland, F. A.
Stafford, G. M.
LIBBY—Jenkins, N. E.
LIVINGSTON—Crookes, S. H.
MILES CITY—Flynn, W. P.
Scheetz, Geo.
MISSOULA—Brandshaw, Jeremiah
Dorman, E. S. (Mining)
Finkelnburg, O. C.
Hughes, Elmer
Orr, Newton
PHILIPSBURG—Cralle, Edwd A.
Donyes, C. F.
Wilson, G. W.
PLAINS—Tromley, C. J.
TOWNSEND—Titnem, Jacob
VIRGINIA CITY—Bushnell, Dwight
Potter, G. H.
WHITEHALL—Redfield, C. E.
WOLSEY—Mumbrue, D. P.

NEBRASKA.

BENKELMAN—Lamb, Ira
FAIRFIELD—Pricket, C. M.
FREMONT—Andrews, J. W.
GRAND ISLAND—Baldwin, C. A. (City)
HASTINGS—Heartwell, C. A. Co. (Surveyor)
KEARNEY—Wilson, Jas.
LINCOLN—Bates, G. W., 3090 R
Bing, E. R., 1543 S 22d
Chessington, J. B., 1227 D
Dobson, Adna (State Engineer), 945 D
Hurtz, Theo. E., 1127 O
Sargent, C. H., 629 N 16th
Walton, Jas. P., 1630 Wash'n
NEBRASKA CITY—Munn, A. M., 112 N 6th
NIOBRARA—Grove, F. M. (Co. Surveyor)
NORFOLK—Lowe, W. H.
NORMAL—Roberts, A.
OMAHA—Carpenter, Chas. G., N. Y. Life bldg
House, J. E. (& Surveyor), 1st Natl. Bk. bldg
Koehneman, R. F., 812 S 36th
McEathron, W. J. (& Surveyor), N. Y. Life bldg
Shaw, Thos. (& Surveyor), Paxton blk
PLATTSMOUTH—Hilton, E. E.
WOOD RIVER—Ryan, M. J. (Mining & Electrical)
YORK—Codding, A. B.

NEVADA.

TONOPAH—Jackson, D. H. (Mining)

NEW HAMPSHIRE.

BERLIN—Bryant, E. S. (City)
CHICHESTER—Lane, George W.
CONCORD—Berry, F. S.
Howe, W. B. (City)
DOVER—Collins, Benj.
Hayes, Chas. W.
Jenkins, S. S.
Ogden, Wm. C. (City)
FITZWILLIAM DEPOT—Perry, W. E.
KEENE—Wadsworth, Samuel
LACONIA—Neilson, Wm. (City)
LANCASTER—Williams & Davis
LEBANON—Downs, Charles A.
LITTLETON—Gile, Ray T.
MANCHESTER—Allen, Geo. H., 924 Elm
Dow, Perry H. Amoskeag Mfg. Co.
Dudley, Arthur, 936 Elm
Gay, Frank A., 852 Elm
Lord, Saml. J. (City), 896 Elm
Walker, Chas. K., Court House bldg
Young, Jno. P., 1028 Hanover
NAUSHA—Dean, A. W., 135 Main
Hathaway, E. O., 135 Main
Haynes, Edw. C.
Johnson, E. J., City Hall
NEILFORD—Clarke, Geo. E.
Knight, Carl E.

PETERBORO—Jones, E. W.
Smith,. E. M.
ROCHESTER—Ames, W. M.
WHITEFIELD—Carleton, Sprague

NEW JERSEY.

ARLINGTON—Horstman, F. W. & Co., 410 John (E. N. B.)
Keith, N. S. (Mining), 517 Kearney av
Logan, W. S., 115 Midland av
ASBURY—Rogers, Niart, Park Hill
ATLANTIC CITY—Hackney, Jno. (City)
Hillman & Ashmead, 42 Real Estate & Law bldg
BAYONNE—Broome, Jas. (Consulting), 38 W 35th
Smith, Emmett (City) av E & 30th.
BELVEDERE—Wire, E. G.
BEVERLY—Stokes, Chas.
BLOOMFIELD—Olmsted, A. H., 24 Broad
BOONTON—Godeffroy, R.
Van Dugen, Lewis.
BORDENTOWN—Hutchinson, John H.
BOUND BROOK—Herbert, Harry
BRIDGETON—Sharp, Walter M. (City)
BURLINGTON—Probasco, Seldon R.
BUTLER—Roome, William
CAMDEN—Bodine, Louis F. (Surveyor), 305 Market
Farnham, Levi E. (City), City Hall
Haines, Henry S., Temple bldg
New Jersey Supply & Engineering Co., 301 Market
Rose, A. A., 211 Market
Sherman, Henry J., Temple bldg
Sleeper, H. J., Temple bldg
Thomson, Earl, 301 Market
COOKSTOWN—Haines, F. B.
CRANFORD—Vreeland, C.
DOVER—Jenkins, Geo. E.
Riggs, Albert R.
EAST ORANGE—Doty, A. L., 27 Wash'n
Olcott, Geo. B., 252 Main
ELIZABETH—Bauer, J. C., 208 Broad
Lansley, W. J., 1145 E Broad
Luster, Wm. H., Jr., 28 Prospect
Meyer, Ernest L., Dix bldg
Quien, Louis, 251 Elizabeth av
ENGLEWOOD—Bistwhistle, H.
Cass, Willard
Serviss & Van Blarcon
Van Blarcon, Wm. V.
FAR HILLS—Tainter, F. S.
FLEMINGTON—Blaise, Jno., Lock Box 332
FRANKLIN—Wylie, Jas. W.
HACKENSACK—Lozier, Lemuel
Pettigrew & Campbell
Van Buskirk, P. B.
Williams Bros.
HACKETTSTOWN—Dellicker, A. H.
HARRISON—Logan, William S., 160 Midland av
HOBOKEN—Acetylene Engineering Co., 58 Newark
Brush, Chas. B. & Co., 1 Newark
McCann, Thos. H., Nat'l Bank bldg
Tivy & Smith, 84 Washington
Whittemore, W. F., 1 Newark
JACOBSTOWN—Broden, W. E.
JERSEY CITY—Blau, Gustav, Jr., 45 Belmont av
Daly, Robt. H. (& Surveyor), 76 Montgomery
Earle & Harrison (& Consulting & Surveyors), 15 Ex. pl
Ferris, Garwood, 98 Hudson
Guhl, Emil (& Surveyor), 19 Charles
Harrison, E. W., Fuller bldg
Hopper, Chas., 15 Exchange pl
Insley, Edward W. (& Surveyor), 344 Central av
Leahy, Jas. W., 29 Exchange pl
Payne, Jno. C. (& Surveyor), 1 Montgomery
Ross, P. Sanford, 277 Wash'n
Ross, Wm. L., 277 Wash'n
Van Keuren, Chas. A. (Chief Engineer), City Hall
Wortendyke, Nicholas D. (City Surveyor), 108 Bentley av
KEYPORT—Sproul, C. F. & H. S., E Front & Broad
LAKE HOPATCONG—King, Wm. E. (County)
LAKEWOOD—Fielder, Benj. H., Jr., Main st
MADISON—Brown, Edmund K.
MONTCLAIR—Crane, Frank W., 467 Bloomfield av
Owen, James, 467 Bloomfield av
MOORESTOWN—Borton, Uriah
MORRISTOWN—Brinley, Jno. R.
Howell, Edward
Melick, John E.
Pierson, Arthur (City)
Pitney, Frederic V.
Smith, Fred'k S., Babbitt bldg
MT. HOLLY—Lippincott, Joseph
NEW BRUNSWICK—Atkinson, Asher (City), 389 George
Chandler & Duane, 438 Grove
Dougherty, Robt., Jr., 113 Albany
Serviss, David, County Collector's office
Tice & Rightmire, 92 Albany
NEW GRETNA—French, Levi
NEWARK—Adam, Ernest (City Surveyor), City Hall
Barri, J. G., 776 Broad
Borrie, C. Melville (& Surveyor), 757 Broad
Brainc, John, 38 Oriental
Faber du Faur, A., 22 Nichols
Faber du Faur, Adolph, Jr., 127 Elm
Field, W. P. (Consulting), 763 Broad
Francisco & Barkorn (& Surveyors), 748 Broad
Gardner, Geo. H. (Surveyor), 784 Broad
Halsey, Edw. R. (& Surveyor), 164 Market
Hedden, Iron Construction Co., 22 Clinton.
Hooper & Co., 238 Washington
Kinsey, Wm. A., 162 Garside
Lehlbach Bros. (& Surveyors), 770 Broad
Logan, Wm. S. (Surveyor), 164 Market
Lyle, Wm. T., 792 Broad
McMurray, Eugene A. (& Surveyor), 22 Clinton
Martin, Wisner B., 101 S 11th
Mueller, Carl (& Surveyor), 810 Broad
Owen, James, 196 Market
Palm, Robt., 43 Magnolia
Rankin, Edward S. (City), City Hall
Scarlett, Wm., 810 Broad
Seymour & Whitlock (Consulting), 43 Lawrence
Shepard, F. T. (Surveyor), 748 Broad
Vanderpool, Eugene, 757 Broad
Van Duyne, Harrison & Son (& Surveyors), 800 Broad
Witzel, Peter (Surveyor), 839 Broad
ORANGE—Crane, Fred. T., 252 Main
Mead & Taylor, 242 Main
Olcott, Geo. P., 252 Main
Reimer, W. H. V., 249 Main
PASSAIC—Wise & Watson (Censulting)
PATERSON—Christie, Wm. W. (Consulting), Paterson Saving Institution
Ferguson, John W. (Surveyors), 152 Market
Ferguson, Wm. & Son, Paterson Nat'l Bank
Fonda, C. V. W. (Surveyor), 202 Market
Harder, Harold J. (City Engineer), City Hall
Van Winkle, Franklin, 150 Carroll
Whitmore, W. L., Paterson Sav. Inst. bldg
PERTH AMBOY—Hommann, Chas. C. (& Surveyor)
Mason, S. J.
Smith, Forrest L.
PHILLIPSBURG—Rowell, Robt.
Smith, Jas. E.
PLAINFIELD—Dunham, F. A. (Consulting), 109 Park av
Gavett, Andrew J. (City), 152 Park av
Hubbard, F. J. (Consulting), Babcock bldg
Meeker, Robt. A. (Consulting), 209 Park av
Vail, Ephraim M., 109 Park av
Van Emburgh, H. C. (Consulting), 152 Park av
POINTVILLE—Abbott, Jos.
RED BANK—Cooper, George
Osborn, Frank
Throckmorton, J. W.
RIDGEWOOD—Harder, H. J.
RIVERTON—Parry, Howard
Thatcher, Walter A.
SEWELL—Anspach, F. J.
SOMERVILLE—Doughty, Joshua
Lane, J. R. S.
SOUTH ORANGE—Taylor, Lewis P.
SUMMIT—Mead & Taylor
TOWN OF UNION (P. O. Address, Weehawken)—Earl, R., Jr. (Consulting), 154 Bergenline av
Gaw, Robt. (Consulting), 520 Van Vorst pl
TRENTON—Albert, Reuben, 22 Walnut
Bradley, H., 916 Carteret av
Chambers, J. S., Jr., 193 Brunswick av
Eppele, F. J. (Co. Engineer), 530 Perry
Gregory, A. C., 54 Chestnut av
Haven, C. C., City Hall
Haven, R. C. (Surveyor), 229 W State
Nevins, Jno. C. (Surveyor), 211 Clay
Swan, A., Jr., 1307 E State
Thompson, H. V., 915 Carteret av
Watson, J. L., 30 Southard
Yard, G. B., 306 E State
Zeliff, D. W., 20 Bank
VAILSBURG—McMurray, Eugene A. (Boro.)
WEEHAWKEN—Duer, Edw., Hauxhurst pk
WESTFIELD—Marsh, Jno. M. C.
WEST HOBOKEN—Gaw, Robt., 584 Spring
Maulbeck, S., 495 West
WEST NEW YORK (P. O. Address, Taurus)
Gaw, Robt., Bergenline av., opp. Town Hall
W. ORANGE—Baldwin, Merrick R., Valley rd c Lakeside av
Faulks & Baldwin, Valley rd c Main
WOODBURY—Carter, William M.
Ladd, Samuel H.

NEW MEXICO.

E. LAS VEGAS—Merry, D. B.
SOCCORRO—Brown, Cony F. (Mining)

NEW YORK.

ALBANY—Allen Leslie (& Surveyor), De Graaf bldg
Andrews, Horace, 125 Lancaster
Bond, Edw. A. (State Engineer), Capitol
Chisn Bros., 3 N Pearl
Colvin, Verplanck (State), Capitol
Devendorf, La Motte K., 68 State
Egerton, Wm. S., City Hall
Judson, Wm. Pierson (Dept. State Engr.), Capitol bldg
Melius, Walter, 59 Tweddle bldg
O'Hara, Jno. J. (City), 68 State
Parsons, Henry C., Tweddle bldg
Parsons & Melins, Tweddle bldg
Pruyn, Augustus, 230 State
Roberts, Herschel, 112 State
Slingerland, Wm. H., Jr., De Graaf bldg
Stowell & Cunningham, 51 State
Woolcy, W. Thos., Alb Trust Co. bldg
AMSTERDAM—Bennett, Chas. J., 90 Division
Cleveland, H. B., 18 Storrie
Crane, Francis E. (City)
De Graff, H. W., 298 Guy Park av
Moak, Saml., 251 Guy Park av
AUBURN—Austin, Dewitt F. (City), City Hall
BALLSTON SPA—Geer, H. M.
BATAVIA—Cone, Hobart B.
Holmes, J. W.
BELLMORE—Smith, T. G.
BINGHAMTON—Ackerman, R. McK., 160 State
Baird, S. M., McNamara blk
Ireland, L. H., Ackerman bldg
Monroe, S. E. (City), Municipal bldg
BLOOMINGBURGH—Lockwood, Juda A.
BROOKLYN—(See N. Y. City, Borough of Brooklyn)
BUFFALO—Baker, F. F., 307 Niagara
Bardol, F. V. E. (City), D. S. Morgan bldg
Bassett, Geo. B. (Consulting, Civil & Hydraulic), 290 Terrace
Baxter, A. E. Eng. & Appralsal Co., 945 Ellicott sq
Buffalo Engineering Co., Erie Co. B'k bldg
Busch & Percival, Mooney bldg
Buttolph, H. T. (Asst. City), 109 Russell av
Calhoun, W. A. (Consulting), Prudential bldg
Davy, Marsden, 68 Niagara
Diehl, Geo. C., 575 Ellicott sq
Ellsworth Bros., 50 W Eagle
Fairchild, Dennison, 1050 Ellicott sq
Fell, Chas. F., 139 De Witt
Fox, Geo. F., 54 Riley
Guthrie & Diehl, 581 Ellicott sq
Hanavan, Eugene C., 398 Louisiana
Hayes, Edmund, 884 Ellicott sq
Knapp, Louis H., 366 Ellicott sq
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Lyon, Henry L., Municipal bldg
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Roberts, Geo. T., D. S. Morgan bldg
Rogers, Thos. J., 17 Whitney pl
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Thebaud, J. Edward, 567 Main
Tresise, Francis J., D. S. Morgan bldg
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Wing, Fredk. K., White bldg
Witmer, J. F., 2 Chapin blk
Wright, Josiah P., White bldg
Wright, Williams, Fidelity bldg
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Leach, Fredk., 206 Robinson bldg
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Wilson, Lavalette
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ITHACA—Bradley, J. F., 100 N Tioga
Crandall, C. L., Prof., 100 Hector
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Jones, Geo. W., Gokey blk
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Townan, Frank B., 131 W Main
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Ellison, Geo., 20 Van Buren
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Klingberg, Wilgott, 290 Fair
Longyear, Orson C. (Consulting)
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Frehsee & Olmsted, 3 Central blk
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Bruorton, Wm. T., Municipal bldg
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Byrne, A. T., 350 Fulton
Byrne & Quinn, 335 Fulton
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Drake, F. A. (& Surveyor), Municipal bldg
Dwyer, Jno. H., 164 Montague
Eden, A. W. A., 44 Court
Faribault, P. A., Borough Hall
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Firth, Elmer W., 473 14th
Folger, E. P., 44 Court
Forbes, Arthur C., 4 Court sq
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Fraleigh, H. E. Municipal buldg
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Goodman, Jos., Municipal bldg
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Hammond, Jno. F., Municipjal bldg
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Johnson, Alex., 84 B'way
Jourdan, Jas. H., 265 Nevins
Keliy, Olaf, 84 B'way
Knap, Edgar D., 84 B'way
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Lefflngwell, F. D., 350 Fulton
Litchfield, Percy, 350 Fulton
Lobo, Carlos, Municipal bldg
McColl, Ernest M., Municipal bldg
McElroy, Samuel A., 36 Court
Magrath, Jas. W., Municipal bldg
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Middleton, John, 2505 Atlantic av
Miliken, Foster, foot of Clinton
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Schermerhorn, Richard, Jr., 183 Prospect pl
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Solomon, Gabriel R., 350 Fulton
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Sullivan, Chas. P., Municipal bldg
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Wagner, Bernard M., Municipal bldg
Wagner, E. C., 350 Fulton
Ward, Chas. D., Municipal bldg
White, E. Sherman, Municipal bldg
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Williams, R. L., 189 Montague
Winslow, Geo. E., Municipal Bldg

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Idell, Frank E. (Consulting), 26 Cortlandt
Ihlseng, A. O. (Mining), 45 B'way
Ingalls, W. R. (Mining), 52 B'way
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Jefferds, M. R., 123 Liberty
Jeffries, F. A. W., 128 B'way
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Judson, Cyrus F., 135 B'way
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Katte, Edwin B., Grand Central Depot
Kaufman, A. G., 24 Murray
Kaufman, Gustave (Consulting & Contracting), 1 B'way
Kelly, Jno. F., 149 B'way
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Kelley, Wm. V., 1123 B'way
Kempton, Chas. W. (Mining), 29 B'way
Kennedy, J. J., 52 B'way
Kenny, Jno. Jr., 39 Cortlandt
Kidney, A. H. (Mining), 32 B'way
Kimball, Jas. P. (Mining), 156 5th av
Kehrhahn, O. G. H. E., 100 B'way
Kilpatrick, Jno. D., 92 William
Kimble, S. W. (Mining), 444 Pearl
King, W. R. (Consulting), 39 Cotrlandt
Kinsman, Frank E. (Consulting), 91 Liberty
Klein, Wm. W., 21 Park Row
Knapp, Jno. A. (Mining), 15 William
Knowles, Edw. R. (Consulting), 136 Liberty
Knox, Douglass, 686 Kingsbridge rd
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Knox & Allen (Mining), 99 John
Koyle, C. Herschel' 18 B,way
Klepetko, Frank, 24 State
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Kraus, Otto (Consulting), 136 Liberty
Kunhardt, W. B. (Mining), 1 B'way
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Langton, Jno. (Consulting), 99 John
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Loretz & Son (Consulting), 150 Nassau
Loss, Warren, 156 B'way
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Lowenstein, Fritz (Consulting), 150 Nassau
Lowinson, Oscar, 111 Nassau
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Luckedalx, Fred C. (Consulting), 44 Pine
Ludwig, Alfred (Consulting), 79 Wall
Lundie, Jno. (Consulting), 52 B'way
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Luquer, T. T. P. (Consulting), 5 W 31st
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Man, Albon P., 56 Wall
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Martin, Wisner B. (Consulting), 17 Park
Maury, Dabney H. (Consulting), 126 Liberty
Mayer, Wm., Jr. (Consulting), 120 Liberty
Mayer, Jos. (Consulting), 1 B'way
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Maynard, Geo. W. (Mining), 20 Nassau
Meier, Edw. D., 11 B'way
Meikelham, T. M. R. & W. B. D., Jr. (Consulting), 44 Broad
Mesa, Henry, 39 Cortlandt
Meyer, Chas. A. & Son (& Surveyors), 194 Bowery
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Meyer, Henry C., Jr., 114 Liberty
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Moore, Chas. H., 26 Cortlandt
Moore, Ernest C., 45 E 42d
Moore, J. R. (Consulting), 156 5th av
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Mueser, Wm. (Consulting), 17 Park Row
Muirhead, J. H. H., 11 B'way

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Neff, Stewart M. (Consulting), 182 B'way
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Nostrand, P. E. (& Surveyor), 37 Liberty
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Reed, W. B., 621 B'way
Reed, Wm. B., Jr., 556 W 34th
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Schmitz, E. Jos., 154 Alex. av
Schofield, Geo. W., 302 B'way
Schupphaus, Robt. C. (Mining), 1 Maiden la
Scofield, Glenn M., 17 Park Row
Scott, Chas. H., 100 B'way
Seaman, Henry B. (Consulting), 40 Wall
See Horace (Consulting), 1 B'way
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Strong & Middleton (Consulting), 39 Cortlandt
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Sweny, Chas. (Mining), 45 Cedar
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Taylor, Irving A., 63 Park Row
Ten Broeck, Floyd G. (Consulting), 136 Liberty
Terney, Chas. F., 123 Liberty
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Thomson, Jas. A., 129 Front
Thomson, T. K. (Consulting), 17 Park Row
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Tomassek, R. P., 417 W 156th
Tompkins, C. H., 95 Liberty
Towle, F. E., Jr. (Surveyor), 243 B'way
Towl, Forrest M., 26 B'way
Towle, Stevenson (Consulting), 7 E 42d
Towle & Towle, 5 E 42d
Trautwine, Jno. C., Jr. (Consulting), 27 William
Tribus, & Massa, 84 Warren
Trotter, Alfred W., 141 B'way
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Tucker & Vinton, 156 5th av
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Webster, J. O. B., 17 Park Row
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Weightman, Wm. H. (Consulting), 29 B'way
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Weiskopf, Samuel C. (Consulting), 49 Wall
Wells, J. Hollis (Consulting), 32 Nassau
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Wetmore & Landsing (Consulting), 120 Liberty
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White, J. G. & Co. (Consulting & Contracting), 43 Exchange pl
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Smith, Dewitt C., 118½ Wall
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Clarke, T. W., City Hall
Farrington & Duffies, Dillaye Mem. bldg
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Griffin, Rhesa, 307 E Genesee
Hawkinson, F. W., City Hall
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Kemper, Jos., 20 Arcade
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Cleveland, Milo L., 11 Mill
Ferris, E. G., 12 Orchard
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BOTTINEAU—Wells, L. W.
CANDO—Judd, E. T.
CARRINGTON—Wiley, Geo.
CAVALIER—Hiebert, Frank
COGSWELL—Haigh, T. A.
Soule, H. A.
COOPERSTOWN—Ueland, M. A.
DICKINSON—Brookings, R. S.
Russell, W. S.
FARGO—Crabbe, S. F.
FESSENDEN—Haaland, Thos.
GRAFTON—Mott, H. H.
GRAND FORKS—Lawson, T. L.
Russell, W. S. (City), St. John's blk
Smith, J. J.
HILLSBORO—Svalestuen, Knute
JAMESTOWN—Conn, Geo.
LAKOTA—Gedestad, Knute
LANGDON—Darling, A. B.
MANDAN—Harmon, H. E.
MAYVILLE—Bramble, G. E.
MINOT—Jensen, L. P.
MONANGO—Piper, D. B.
NEW ROCKFORD—Juam, E. T.
ROLLA—Fagerlund, N. H.
SHERBROOKE—Conor, C. W.
TOWNER—Pitkin, F. M.
VALLEY CITY—Smith, T. M.
WAHPETON—Burbank, J. I.
WILLIAMSBRIDGE—Parsons, F. H.
WILLISTON—Field, J. C.

OHIO.

AKRON—Gehres, J. A. (& County Surveyor), Court House sq
Paul Bros. (& Surveyors), 230 S Main
Payne, John W. (City)
Swigart, S. G., 214 Silver
ALLIANCE—Gyger, Geo. R.
Hall, Geo. W.
ASHTABULA—Amsden, Lewis
Mann, Harvey E. (City)
Sill, J. S.
Strong, Abner D.
BEDFORD—Bedford Engineering Co. (Consulting & Contracting, Bldgs., Bridges, Cranes, etc.) Bedford, O.
BELLEFONTAINE—Buchanan, S. A.
Grim & Fisher
Van Auken, Jas. M. (City)
Wonders, Jas. C.
BUCYRUS—Bryant, C. P.
CAMBRIDGE—Hoge, O. M. (City)
Webster, W. V. (County)
CANTON—Chapin, L. E. (Consulting), 228 W 8th
Holl, Jno. H., 130 E. Tusc.
Holl, O. W., 2234 Tuscarawas
Hoover, J. S., Court House
Kauffman, W. J., Central Sav. B'k bldg
Weber, Phil. H. (City)
CELINA—Lutz, Engineer (City)
CHILICOTHE—Fullerton, Union blk
Reid, H. M. (City)
Weber, P. H.
CINCINNATI—Autenreib, Hy. (City), B. of P. S.
Baker, Geo. D. (City), B. of P. S.
Baldwin, Ward (Consulting), 66 Mitchell blk
Bauer-Shepard Eng. Co. (Consulting), 5th & Main
Baumer, J. H., Court & Main
Betts, F. B., 131 E University av
Blackwell, Chas. (Consulting), Observatory av & Herschell av
Boeh, Wm. H. (Chief Engnr., City Water Works), City Hall
Bouscaren, G. (& Consulting), City Hall
Bowman, Richard (City), B. of P. S.
Brackett Bridge Co. (Consulting), Atlas B'k bldg
Breen, J. E. (Asst. County Engnr.), City Hall
Burke, M. D., 4th & Walnut
Cincinnati Eng. & Investment Co. (Consulting), Traction bldg
Conway, H. L. (Asst. Engnr.) B. of P. S.
Cooper, Wm. (Consulting), Union Trust bldg

Cornelius, Chas. (Asst. Engineer), Mitchell bldg
Cowen, Clinton (County Surveyor), Court House
Danenhower, C. N., 4th & Plum
Diekmeier, Geo. W., 209 15th
Dodge Mfg. Co. (Consulting(
Dowson, Wm. C., 2617 Cleinview av
Earnshaw & Punshon, 5th c Race
Engle, Robt. L., 1530 Lincoln av
Gast, E. A., 524 Considine av
Harper, J. M., 4239 Turrill
Harrison, Benj. W. (County Surveyor), Court & Main
Hause, D. J. (Consulting), Mitchell bldg
Heyl Bros., c Linn & Hopkins
Hill, Jno. W., 36 Glenn bldg
Holzhalb, Edw. J., Miami & Erie Can. Transportation Co.'s bldg
Hosbrook, D. S. & Son, Pickering bldg
Hosbrook & Ferris, Carlisle bldg
Huge, E. W., c 9th &Main
Jonte & Baumer, Guarantee Title bldg
Karweise, G. A. (Consulting), 115 E 5th
Knorr, H. E. (Asst. County Engnr.), St. Clair & Glendora av
Krug, Frank S. (Co. Engineer), Court House
Lakeman, Winthrop, 1424 Apjones
Layman, E. F. (Consulting), 32 E 3d
Locke, Jos. M. (Mining & Consulting), 40 E 3d
Lomb, G. W. C. (Consulting), 113 Garfield pl
Mathewson, L. W., 4222 Chambers
Maxwell, Jas. R. (Consulting), Pickering bldg
Miller, Claude H., Torrence rd & Columbia av
Morris, Frank E. (City), B. of P. S.
Randolph, The T. F. Co., 232 E 5th
Rasinsky, C. E. (City), B. of P. S.
Read, R. L., 32 E 3d
Ridgway, Thos. A., Sr., 424 Dayton
Rogers, Chas. L. (Mining), 917 Rogers pl
Runck, Edw. G. (City), B. of P. S.
Smith, Thos. G. (Consulting), 4th & Walnut
Stanley, H. J. City Hall
Stewart, J. A., Traction bldg
Sullivan, Walter E. (City Water Works), B. of P. S.
Sundmaker, J. H. (Asst County Engineer), Court House
Tharp, Willis P., Edwards rd & Zumstein av
Thompson, Jos. P. (City), B. of P. S.
Tozzer, Henry, 4211 Turrill
Walker, Frank C. (City), B. of P. S.
Wulfekoetter, E. W., Jr. B. of P. S.

CLEVELAND—Atwater, Albert A., Citizens' bldg
Bill, Herbert W., 87 Public sq
Brown, J. F., Cuyahoga bldg
Burgess, Clarence H., 29 Euclid av
Carter Wm. J. (City), City Hall
Chessel, Geo., 438 Huron
Clark, Joshua L., Cuyahoga bldg
Cleveland Eng. Co., New England bldg
Coffin, Jno. N., Perry-Payne bldg
Cogswell, Frank F., 37 Winchester av, Lakewood
Copeland, Alden B., Cuyahoga bldg
Corlett Eng. Co., Cuyahoga bldg
Crowell & Peck (Mining), Williamson bldg
Culley, Geo. Park bldg
Cumberland Eng. Co., Park bldg
Davis, John B. & Son, 242 The Arcade
Drewsen, Aage, Caxton bldg
Edwards, Everett M. (Surveyor), 1309 Cedar av
Evers, Wm. H. Eng. Co., 237 The Arcade
Faragher, Burton P., Rose bldg
Frauenthal, Jos. B., 233 Bank
Gallup, Jas. W., 1692 Euclid av
Garrett, Geo. M., Cuyahoga bldg
Garrett-Cromwell Engineering Co. (Consulting, Metallurgical & Rolling Mill Experts) New Eng bldg
General Engineering Co., Williamson bldg
Giessen, Chas. H. (& Surveyor), Blackstone bldg
Hecker, Ralph, Electric bldg
Intestate Eng. Co., Williamson bldg
Jandus, Wm., Rose bldg
Jopling, R. F. (Mining), Cuyahoga bldg
Kaltenbach & Greiss, Williamson bldg
King Bridge Co., St. Clair, head of Ruskin
King Engineeringfi Co., Chamber of Com. bldg
Kingsley, M. W. (Consulting), Rose bldg
Krause, F. L. (Surveyor), 228 Mueller av
Le Baron, J. Francis, Park bldg
Lewis, Chas. F., 275 Prospect
Little, Fred A., Garfield bldg
McGeorge & Sons (Consulting), Citizens' bldg
Merchant, Chas. C., Marcy av
Miller, Walter (Consulting), Perry-Payne bldg
Morse, Allen C., Rose bldg
Osborn Engineering Co. (Consulting Specialists in Designing of Mfg. Plants of All Kinds), Osborn bldg
Pease, F. A. Eng. Co., Williamson bldg
Paul, Hosea, Rose bldg
Pierson, I. K., Cuyahoga bldg
Poe, Jos. R., 50 Wade Park av
Pratt, C. W., Lenox bldg
Randall, J. F. & Co., 166 Euclid av
Rattle, Wm. J. & Son (Mining), Mercantile Bank bldg
Rice, Walter P. Engineering Co. (& Consulting), Soc. for Savings bldg
Rider, Geo. S. & Co. (Consulting), 515 The Century
Rifenberick, Robt. B. ("Consulting," Electric Rys.), Williamson bldg
Ritchie & Ruple, Cham. of Com. bldg
Roberts & Abbott Co. (Consulting, Electric Rys., Bldgs., etc.), Electric bldg
Ross, Jas. T., Electric bldg
Ruggles, Ashbel P., 614 Cuyahoga bldg
Standard Eng. Co., Garfield bldg
Slayton, Edmund R., 14 Frankfort
Sprackling Eng. Co., Citizens' bldg
Stanton, Le Roy, Electric bldg
Strong, Chas. H. & Son, Cuyahoga bldg
Tuttle, Jno. V., 54 Penrose av, E. C.
Varney, Joshua D., 53 Public sq
Warner, Monroe, 739 Hough av
Wells, Geo. L., Garfield bldg
Wiechardt, Aug. J., Williamson bldg
Wight, Elmer B., Rose bldg
Wood, R. J. Eng. Co. Amer. Trust bldg

COLUMBUS—Bowen, Benj. F., 23 E State
Courtwright, John, 347 S High
Fisher, Frank J., 23 E State
Force, J. P., Dispatch-Butler blk
Gates, H. M., 14 Deshler blk
Griggs, Julian (City), City Hall
Humphrey, J. S.
Jennings, F. W., 155 1-2 N High
Kemmler, E. A. (Asst. City), 85 E Deshler av
Marble, Reuben R., 23 E State
Pugh, S. D., 249 E Spring
Ray, F. A., 6 Deshler blk
Rights, Wm. H. (Surveyor
Snow & Barbour, 85 N High
Snyder, Frank (Consulting, Water Supply, Sewerage & Sewage Disposal) 23 E State

DAYTON—Baird, Edwin C., Court House
Cellarius, Fred. J., 8 City bldg
Fox, Albert S. (Surveyor), 500 N B'way
Kemlein, F. Otto. (Deputy County Surveyor)
Kline, Robt E., Callahan Bk. bldg
McDargh, Harry J., 421 W Summers
Sebold, R. P., c 3d & Jefferson
Sharts, Stanley R. (Deputy County Surveyor)
Snow & Barbour (Consulting, Water Supply, Sewage Disposal & Mechanical Analysis of Sands, etc.). 85 N High
Stattelmann, Gustav R., 37 W Wash'n
Talbott, H. E. & Co., Reibold bldg
Turner, Frank M. (City), 3 City bldg
Waltz, Jos. E., 524 E Hickory

DEFIANCE—Steinberger, M. W.
Toberen, Henry (City)
DELAWARE—Dike, J. S.
Mendenhall, E. S.
DENVER—De Long, Wm. P.
EAST LIVERPOOL—George, J. A. (City)
Scott, A. W.
ELYRIA—Jackson, E. S.
Ohio Engineering Co.
FAYETTEVILLE—Fitzpatrick, A.
FINDLAY—Riegle, Jno. W. S. (City)
FREMONT—Dickenson, L. A.
Hughs, Henry
Rawson, J. L.
GALION—Atkinson, J. W. (City)
GENEVA—Hewit, B. F. (City)
GREENVILLE—Beers, John
Lucas, C. O.
HAMILTON—Dillon, L. A. (City), City bldg
Weaver, John C., Court House
HARTWELL—Innes, Harry C.
MacGregor, J. Grant.
Maxwell, Lewis C.
Wiltsee, Wm. P.
HILLSBORO—Fenton, B. W.
HYDE PARK—Tharp, W. P.
IRONTON—Hatcher, W. B. G.
Leet, Fred. G.
KENTON—Myers, Willis E. (City)
Wilson, O. P.
LEBANON—Kemper, W. R. (City)
LIMA—Cronley, John C. (County Surveyor), Court House
Gamble, Robt. H., 724 N High
Prevost, L. F.
Taylor, Geo. (Surveyor), 742 W North
LORAIN—Fauver, L. A.
MADEIRA—Hosbrook, John A.
Hosbrook, John L.
MANSFIELD—Laird, Jacob (City)
Weddell, J. E.
MARIETTA—Mason, W. P.
MARION—Craig, Rch'd.
Sloan & Ault, Busby blk
MARYSVILLE—Kennedy, J. C. (City)
MASSILLON—Borton, D. C., Warwick blk
MIDDLETOWN—Doty, Frank
Foster, Alex. (City)
Monjeau, C. (Consulting, Water Supply, Mining Oil, Gas Wells, etc.)
MT. VERNON—Cassil, Alex. (City)
Pratt, W. H. (County)
NAPOLEON—Kolbe, Henry
NEWARK—Brown, N. H. (City)
NILES—Mackey, C. L., Benidict blk
Wilson, Wm. (City)
NORWOOD—Jacob, Hy.
Stewart, Jas. A. (City)
OTTAWA—Cartwright, J. S. (City)
PAULDING—Geyer Bros.
PIQUA—Whitlock, Harry E. (City Engr.)
PLEASANT RIDGE—Lilly, Jas. A.
POMEROY—Watkins, M. H.
PORTSMOUTH—Bryan, R. A. (City)
SALEM—French, Morris (City)
Strawn, J. B.
SANDUSKY—Judson, Albert W., Court House
Miller, J. W., City bldg
Newberry, S. B.
SHELBY—Weddell, J. E.
SIDNEY—Pampel, D. W.
SPRINGFIELD—Bird, S. V. (& County Surveyor), Court House
Hoppes, Jno. J. (City)
Olds, E. W., 33 S Fountain av
Seever, I. N., 25½ E Main
Sharon, Wm., 278 N Limestone
Sieverling, Wm. H.
STEUBENVILLE—Flanagan, Chas. E. (City)
Huston, Samuel, Court House
White, A. G., McConville bldg
TOLEDO—Bement, Saml., 925 Willow av
Bodette, G. H., 22 Columbia
Brown, W. F., 864 Oakwood av
Buell, C. W., 2052 N 14th
Champe, Geo. G., 715 The Nasby
Clark, Wm. G., The Spitzer
Cook, J. D., 56 Law bldg
Kaney, J. G., 225 19th
Marston, J. B., 321 Superior
Meissner, Ernest A. (Surveyor), 208 Indiana av
Oakley, F. T., The Spitzer
Oliphant, Jno. C., The Spitzer
Riggs & Sherman (Consulting), 613 The Nasby
Shelton, Wm. H., Calvin bldg
Stratton, J. L., 115 Cham. of Com.
Tonson, Geo. W. (City Engineer), The Valentine
Uhl, J. B., 2139 Lawrence av
Wickenden, T. R. (City), The Valentine
Williams, Malcolm E., 3205 Glenwood av
TROY—Dowler, J. W. (County)
Walker, H. J. (City)
VAN WERT—Malick, I. H.
WAPAKONETA—Fisher, Chas. E.
WARREN—Dickey, Edw. P.
WAVERLY—Overman, Henry W.
WINTON PLACE—Layman, E. F.
Layman, Mark T.
XENIA—McKay, G. A.
Riddle, Levi
Riddle, Warren
YOUNGSTOWN—Haseltine Bros. & Montgomery, 1818 Wilson av
Lillie, Frank M. (City), Maloney blk
Mackey, C. L., 219 N Phelps
Mackey, James, n s McGuffey
Tod, Geo., Jr., 123 N Phelps
ZANESVILLE—Collins, R. G., Jr., 76 N 4th
Dunn, Wm. (County), Court House
Martin, C. V., Opera blk
Scarvell, L., Opera bldg
Walker, Jas. M., B. & O. R. R.

OKLAHOMA TERRITORY.

GURTHIE—White, T. A. (City)
OKLAHOMA—Bradley, Clifton
Cortney, J. A., 412 Grand av
Dabney, A. L.

OREGON.

ASHLAND—Corbett, J. L.
ALBANY—Barr, W. E.
ASTORIA—Ashbury, R. C. F.
Tee, A. S.
Raymond, N. D., 3d c Genevieve
BAKER CITY—Esselstyn, J. N. (Consulting & Mining)
Nelson, C. De Witt
Pearson, H. G.
Thompson, Charles H.
Withey, Harry J.
CANYON CITY—White, W. F. (Surveyor)
COQUILLE—Cathcart, S. B.
CORWALLIS—Waggoner, G. A.
DALLAS—Ground, Luther
ENTERPRISE—Reaves, David L. (Surveyor)
EUGENE—Collier, Charles M.
GOLD HILL—Clark, Sherman
Howard, J. S.
GRANT'S PASS—Mangum, C. L.
Perkins, H. C.
Wright, W. P. & Son
HEPPNER—McGee, Jas. J. (Surveyor)
HILLSBORO—Wilkes Bros.
HOOD RIVER—Henderson, Jno. Leland (Surveyor)
HOULTON—Little, A. B.
JACKSONVILLE—Jones, Carl T. (Surveyor)
JOHN DAY—Caspary, C. G.
KLAMATH FALLS—Simpson, W. B.
LA GRANDE—Curtis, Arthur
M'MINNVILLE—Branson, C. E.
Maloney, H. S. (City)
MARSHFIELD—Cathcart, S. B.
MEDFORD—Howard, J. S.
Jones, G. T.
MONMOUTH—Ground, Luther
NEWBERG—Britt, N. E.
ONTARIO—Millican, John
OREGON CITY—Johnson, H. H. (Surveyor)
Meldrum, Jno. W. (Surveyor)
Rands, Ernest (City)
PENDLETON—Kimball, J. W.
PITTSBURG—Powell, A. H.
PLACER—Hampton, Wm. H. (Mining)
PORTLAND—Adams, E. S. (Mining), Cham of Com
Anderson, Christian, 472 Park
Anthony, A. W. (Mining), 761 Savier
Ballin, F. A. (Consulting), 43 2nd
Buchanan, M., Cham. of Com.
Chandler, H. L., 267 E. 35th
Cunningham, J. H., Cham. of Com.
Eastwick, P. G., Worcester blk
Elliott, Wm. C., City Hall
Fallows, Benj., Cham. of Com.
Frame, A. B., Cham. of Com.
Galvani, W. H., Oregonian bldg
Gilham, F. F., Cham. of Com.
Gradon, H. D., Wiberg la nr Central
Greenleaf, R. S., McKay bldg
Hampton, W. H., 475 W Park
Huber & Maxwell, Sherlock bldg
Jamieson, J. Q., 475 Hassalo
Jones, Willard N., Cham. of Com.
Lindsey, Jas. (Mining), Cham. of Com.
McDowell, G. M. (Mining, Cham. of Com.
McNamara, G. G. & Co. (Mining), Cham. of Com.
McQuinn, J. A., 395 2nd
Neville, H. L. (Mining), Failing bldg
Ohlhoff, August, 325 Sheridan
Oliver, Emery, 263 Yamhill
Paget & Clark, Wah'n bldg
Philbrick, Arthur (Mining), Abington bldg
Rockwell, Cleveland, Worcester bldg
Rosendale, Otto M. (Mining) Oregonian bldg
Smith, J. H., St. Johns
ROSEBURG—Briggs, W. F.
Kimball, G. W.
ST. JOHNS—Smith, J. H.
SALEM—Gesner, A.
Gobalet, Alfred
SILVERTON—Davenport, Timothy W.
SUMPTER—Fenner, C. H.
Juessen, Edmund (Mining)
THE DALLES—Crandall, C. J.
Goit, J. B.
Sharp, E. F.
TOLEDO—Derrick, J. Z.

PENNSYLVANIA.

ADAMSTOWN—Lutz, Abrm.
AKRON—Kemper, G. A.
ALLEGHENY—Bradley, C. H. Jr. & Co., Pennsylvania & Grant av
Ehlers, Chas. M., 615 W Diamond
McGrew, John A., 1013 Penn av
ALLENTOWN—Geiss, George F.
Grossart, Lewis J. H., B. B. bldg
Jacoby & Weishampel, 461 Hamilton
Lehigh Engineering Co., 461 Hamilton
Lehr, S. D., 720 Hamilton
Martz, J. Howard (City)
Rathburn, R. S., Weightman bldg
Whitney, Emery S., 424 N 4th
ALTOONA—Carson, S. C., 11th & Greene av
Fraser, W. M., Mateer bldg
Gwin & Forsythe, 1100 20th av
Linton, Harvey (City), 612 12th
Sillyman, J. S., Schenck blk
APOLLO—McMullen, P. S.
Moffatt, Ray
ASBURY—Pealer, S. J.
ASHLAND—Garner, Joseph B.
ASHLEY—Coulter, William S.
Detro, A. S.
Post, Edw. H.
ASPINWALL—Herr, S. F.
Nelson, J. W.
ATHENS—Union Bridge Co.
AVALON—McBride, John
BARNESTON—Dampman, Ewan
BEACH CREEK—Clark, Robert
Harvey, I. A.
White, A. K.
BEAVER—Harper, James
BEAVER FALLS—Atwood, S. A.
Barker, Harry T., 401 7th av
BEDFORD—Hackerman, Edw.
BELKNAP—Steele, John
BELLEFONTE—Thomas, F. H.
Wetzel, J. H.
BELLEVUE—Edeburn & Cooper (City)
BETHLEHEM—Grossart, L. J. H.
Neumeyer, Robert E. (City)
BIRDSBORO—Rea, Samuel (Borough)
BLAIN—Woods, James & Son
BLAIRSVILLE—Cornell, S. M., Jr.
Kilgore, J. V.
Snyder, A.
BLOOMSBURG—Eyer, Warren
Neyhard, Samuel
BRADDOCK—Clair, Richard
Howat, William
BRADFORD—McComb, Anthony G.
Seymour, John A.
Webster, Frank M.
Winfree, Peyton B. (City)
BRISTOL—Morris, L. V.
Morris, Richard
BROOKVILLE—Caldwell, James
BRYN MAWR—Dunne, Jno. S. G.
Garrigues, Samuel M.
BUCKHORN—Appleman, John
BUTLER—Heydrick, J. A. Sons
McQuiston Bros. (Mining)
Pillow, G. C.
CALVIN'S CORNER—Mumford, A. W.
CAMPBELLTOWN—Stauffer, A. W.
CARBONDALE—Frick, Walter (City)
CARLISLE—Hepburn, Harry
Stayman, G. S.
CARNEGIE—Trimble & Miller
CARPENTER—McNett, H. H.
CARRICK—Wolf, O. F.
CATAWISSA—Knittle, J. R.
CHAMBERSBURG—Ives, Chauncey
CHARLEROI—Eicher, W. L.
CHERRY RIDGE—Collins, L. S.
CHESTER—Howell, E. A. (Consulting)
Johnson, W. Shaler
Ladomus, Charles (City)
McGeoghegan, Edw.
Palmer, Charles
Roberts, E. H.
CLEARFIELD—Hinterleitner, H. J.
Kurtz, William
CLEARVILLE—Robinson, J. W.
COATESVILLE—Book, H. J. (Borough)
Lufkin, George W. (Surveyor)
Speakman, C. H.
COLLINGDALE—Harris, E. M.
COLUMBIA—Goerke, E. W.
Goerke, James F.
Smith, E. N. Fairview
CONNELLSVILLE—Amsden & Allen
Foust, S. S.
James, S. M.
COOKSBURGH—Cook, J. H.
CORRY—Dixon, N. R.
Ellsworth, Byron
Gilbert, G. D. (City)
COUDERSPORT—Groves, J. R.
CREEKSIDE—Fisher, Simon
CURWENSVILLE—Moore, T. W.
DALLAS—Cook, Charles
DALMATIA—Budd, B. M.
DANIELSVILLE—Bachman, J. F.
DANVILLE—Ostrander, O. H.
West, G. W.
DARBY—Harris & Schalcher
DINGMAN'S FERRY—Layton, John
DOWNINGTOWN—Fisher, George H.
Johnson, J. H.
DOYLESTOWN—Meyers, Charles F.
Wintyen, William
DU BOIS—Campbell, George R.
McMinn, H. S.
Moore, William
DUSHORE—Persun, Nathan
EAST BETHLEHEM—Jenkins, G. D.
EASTON—Brady, Chas. M., 79 N 2d
Brady, Peter, Drake bldg
Chidsey, C. F.
Cooper, A. J., 200 Burke
Dawes, Geo., 45 McCartney
Dever, Frank, 723 Jackson
Esch, F. W., 33 S 3d
Fehr, Harry, Drake bldg
Francisco, Lewis A. (City)
Gould, F. C., 155 Bushkill
McNeal, Jno., Wayne st.
Osterstock, J. F., 216 Ferry
Porter, J. Madison, 53 N 3d
Sawin, W. H., 165 Spring Garden
Shimer, Arthur, 208 Church
Young, Marshall, Pomfret bldg
ELIZABETH—Vankerk, J. S.
ELIZABETHTOWN—Will, I. N. S.
EMAUS—Weaver, Phaon Co.
Wenner, W. C.
EMPORIUM—Shafer, A. H.
ENTRIKEN—Katterman, J. E.
ERIE—Briggs, B. F. (City)
Moody, G. L., 259 W 18th
Morton, Edgar J., 320 E 7th
Slater, Edw. C., City Hall
FARMERSVILLE—Burkholder, E.
FRANKLIN—Kennerdell, Thos. L., Park e Elk
Reed, E. C., 22 16th
FREEPORT—Findlay, G. B.
GALLITZIN—Yerger, H. C.
GASTONVILLE—Curry, E. C.
GETTYSBURG—Picking, Harry
GOODVILLE—Weaver, B. F.
GREEN LANE—Groul, H. W.
GREENSBURGH—Jamison & Fogg
Janeway, J. J.
Long, C. T.
Neel, J. J.
Turney, W. R.
Warden, C. F.
GREENVILLE—Brodhead, C. E.
GULF MILLS—Kunze, Daniel
HALIFAX—Ferguson, James
Sawyer, T. J.
HAMBURGH—Dreilbelbis, S. K.
HAMILTON—Heckendon, W. H.
HARRISBURG—Cowden, M. B., 222 Market
Pratt, Mason D., 18 N 3d
Roberts, G., 10 S Market
Whitesides, J. E., 405 Market
HARTLETON—Hays, C. M.
HAYCOCK RUN—Frenkenfield, M. D.
HAZLETON—Altmiller, J. E.
Brooks, Celiax W.
Hess, A. E.
Jones, E. J.
McNair, J. S.
McNair, Thomas
Mills, H. C.
Umstead, I. E.
HENRIETTA—Smith, J. Z.
HOLLIDAYSBURG—Irvine, O. M.
HOLLSOPPLE—Yeoman, A. J.
HOMESTEAD—Gettys, R. H.
Hough, Elmer
Wilson, A. P. (City)
HOMET'S FERRY—Homet, E.
HONEYBROOK—Daumann, Jesse I.
HOUTZDALE—Good, G. M. H.
HOWARD—Pletcher, D. W.
HULMEVILLE—Harrison, C. T.
HUMMELSTOWN—Reamsburg, J. T.
HUNTERSTOWN—Brinberhoff, J. G.
HUNTINGDON—Africa, J. Murray
INDIANA—Caldwell, J. R.
Moorehead, D. L.
IRVIN—Wolf, Frank
JENKINTOWN—Hunter, J. W.
JOHNSTOWN—Dye, John H., Jr., 71 Baumer
Fetterman, S. G., Woolf blk
Fulton, John, 136 Park pl
Goldstein, E. L., 241 Franklin
Pott, John N. (Mining)
JONESTOWN—Zehring, C. D.
KINGSTON—Rosser, David M.
KINZNA—Strong, Le Roy
KITTANNING—Ayers, John
Maxwell, W. H.
Neubert, John

LADONA—Spafford, J. M.
LAMAR—Hyatt, E. E.
LANCASTER—Carpenter, Israel (City), City Hall
Herr, Allen A.
LANSDOWNE—Janvier, Thomas C.
LA PLUME—Seamons, Arthur E.
LAPORTE—Bird, Ulysses
LATROBE—Gebhart & Reed
LEBANON—Burnside, W. J.
Crowell, T. R.
Hayes, G. W. (City)
Lehman, Ambrose E.
Nitrauer, J. T.
LEWISBURGH—Reahl, E. B.
LISTONBURGH—Mitchell, A. S.
LITITZ—Erb, I. G.
Miller, Johnson
LOCK HAVEN—Ball, Charles E.
Ball, Edw. E. (Surveyor)
Ronion, T. W. (City)
Welch, E. H.
LONDON GROVE—Walton, B. S.
LOVER—White, A.
LUZERNE—Alger, W. B.
Wright, Thomas
M'GOVERN—Johnson, R. V.
M'KEESPORT—Hallam & Co.
Taylor, Romine & Scott
M'LANE—Nesbitt, Elmer
M'MINN—Enlow, A.
MAHANOY CITY—Bowman, Mark D.
Dillman, Daniel
MANHEIM—White, F. R.
MARTINSBURGH—Nicodemus, H. C.
MASTERSONVILLE—Zug, S. R.
MAUCH CHUNK—Mackl, Franz (County)
Yarrington, William
MEADVILLE—Doane, W. A. (City)
MEDIA—Bechdolt, C. J.
Broomall, Carroll
MIDDLETOWN—Hoffer, C. H.
MILFORD STATION—Baker, Wm.
MILLERSBURGH—Cooper, S. W.
MILTON—Dean, W. A.
MONONGAHELA CITY—Jenkins, George D.
MONROETON—Alden, P. E.
MONTROSE—Chapman, J. W.
MOUNTAIN HOME—Shafer, G. G.
MT. CARMEL—Beveridge, D. E.
Kemble, Isaac (Borough)
MT. JOY—Brubaker, M. N.
MUNCY—Eldred, C. D.
Lloyd, Thomas
NEW BETHLEHEM—Shaffer, S. Taylor
NEW BRIGHTON—Cuthbertson, H. C., 1027 3d av
NEW CASTLE—Gano, S. G.
McConahy, Robert H. (City)
Wood, F. R.
Zahniser, G. B.
NEW FLORENCE—Collins, Clarke P. (Borough)
NEW KENSINGTON—Hall, J. D., 838 5th av
NEW PARIS—Blackburn, G. W., Jr.
Blackburn, T. K.
NEWRY—Cassidy, F.
NEWTOWN—Hutchinson, J. P.
Merrick, J. S.
NORRISTOWN—Calhoun, A. K.
Corson, A. W.
Cresson, Jas.
Patterson, Malcolm D.
NORTH SPRINGFIELD—Holiday, R. P.
NORTH WALES—Freed, I. G.
OHIO PYLE—Thorpe, Thomas
OIL CITY—Greenfield, Carl J.
Hyde, A. T.
Robinson, H. B.
Roess, George F. (City)
PATTON—Ayers, Geo. H. (Borough)
PERKASIE—Moyer, H. G.
PHILADELPHIA—Adams & Schwab (Consulting), 420 Walnut
Albrecht, Otto (Consulting), 1405 N 15th
Albright & Mebus (Sewers, R. R. Lanscape, etc.), Land Title bldg
Albright, Francis H. (Consulting), 16 S Broad
Anspach, Fred. J., 132 S 3d
Atmore, Chas. W., Land Title bldg
Bache, Franklin (Consulting Engineer & Mining Expert), Land Title bldg
Baist, G. Wm., 906 Walnut
Barnes, Amos W., 134 S 9th
Barrett, L. D. (Surv.), 216½ Walnut
Beadle, A. B. (Consulting), Phila. Bourse
Benner, Sam'l T., 1319 Filbert
Biddle, Wm. F. (Mining), 209 S 3d
Birkinbine, John (Consulting), Odd Fellows Temple
Bishop, Jno. I., 203 Walnut pl
Bitler, F. L. (Mining), 1820 Master
Bland, Geo. P., Harrison bldg
Blanton, E. A., Jr., Phila., Bourse
Boas, F. J., Rothschild bldg
Bonsack, Jas. A., Hale bldg
Bonzano, Adolphus (Consulting), 331 So 18th
Bowers Bros. & Co. (Eng. & Contrs.), Real Estate Trust bldg
Boyt, Jno. T., 387 Phila., Bourse
Breed, Geo., Real Estate Trust bldg
Brendlinger, P. F., Arcada bldg
Budd, James H., Witherspoon bldg
Call, Jarvis (Surveyor), 216½ Walnut
Cassin, Isaac S., Jr., 2906 Girard av
Chance, Henry M. (Mining), Drexel bldg
Clarkson, Robt. C. (Consulting), Stephen Girard bldg
Clemmer, Joel G. (Consulting), 905 Indiana
Coleman, H. F., Real Estate Trust bldg
Collins Bros., Drexel bldg
Collins, Chas. W., Witherspoon bldg
Corson, Alan, 1212 Mongomery av
Cranmer, Wm. C. (Surv.), Heed bldg
Dailey, J. L. (Consulting), Betz bldg
Darlington, F. Wayne (Mining & Consulting), Real Estate Trust bldg
Darrach, Chas. G. (Consulting), 625 Walnut
Datesman, F. Rae, 2448S N 32d
Datesman, Geo. E., 21 Pelham rd, Gtn
Davis, Chas. H. & Partners, Land Title bldg
De Trampe, Adam, Land Title bldg
Dickenson, M. H., Land Title bldg
D'Invilliers, E. V. (Mining), 506 Walnut
Dodge & Day, Hunting Park av & R. & R. Ry, Nicetown
Drake, Chester F., 2203 Bridge, Fkd
Drysdale, W. A. (Consulting), 415 Hale bldg
Easby, M. Ward (Consulting), 909 Crozer bldg
Ellis, David M., Provident bldg
Ellis, Jos. D., Provident bldg
Engstrom, Axel H. (Consulting), Bullitt bldg
Engineering Bureau, 1030 Witherspoon bldg
Evans, David, 910 Walnut
Fairchild & Gilchrist (Mining), Franklin bldg
Fonder, Edw. F., Land Title bldg
Ford, Wm. H., Hale bldg
Fort, Hy. L., Drexel bldg
Forsythe, Wm. T., Betz bldg
Foster, H. A. (Consulting), Bullitt bldg
Foust, Robt. G., 2530 N 16th
Francis Bros. & Jellett, Inc. (Consulting), 245 N Broad
Franklin, Benj'n (Consulting), Crozer bldg
Franklin & Clarke, 906 Crozer bldg
Frazer, Robt. (Mining), 209 S 3d
Fuller, Herbert M. (Surv.), 1525 Indiana
Furber, Wm. Copeland (Consulting), Phila. Bank bldg
Gay, Henry N. (Surv.), 216 1-2 Walnut
Gillingham, J. Harvey (Surv.), 3802 Market
Gilpin, Richard (Consulting), Phila. Bank bldg
Gray, Wm. S., Witherspoon bldg
Green, Robt. P., Stephen Girard bldg
Haldeman, Benj. A., 412 City Hall
Haig, A. H., 2254 N 17th
Hartman, Emil, N 13th n Nedro av, Fern Park
Haug, Jno. (Consulting), 536 Phila. Bourse
Haupt, L. M. (Consulting), 107 N 35th
Healey, Frank F. (Consulting), Drexel bldg
Hedden, E., Rothschild bldg
Hellstrom, Magnus, 572 Bullitt bldg
Hering, Carl, 929 Chestnut
Herrick, Jas. A. (Consulting), Mutual Life bldg
Hexamer, E. & Son, 419 Walnut
Hibbard & Co. (Consulting), 1211 Cherry
Holt & Schober (Consulting & Contracting, Specialty Cold Storage), Provident bldg
Houston, Jno. J. L., 1802 Race
Hughes, C. W., 4241 Westminster
Hughes, Hy. B., Land Title bldg
Humphrey, Richard L. (Consulting), 1001 Harrison bldg
Hungerford, Churchill, 1700 N 12th
Hunt, Robt. W. & Co., Betz bldg
Hunter, Jos. W. (Surveyor), Mutual Life bldg
Johnson, Jos. (Surveyor), 625 N 43d
Johnson, Philip H. (Consulting), Fidelity bldg
Jones, Jas. F., 4310 Walnut
Judge, Chas. N., 3042 Richmond
Kibble, Aug. S., Witherspoon bldg
Klemm, J. Geo., Jr. (Consulting), 929 Chestnut
Kley, Percy A. (Consulting), 1936 Sansom
Knight, Wm. H. H., 2433 N 33d
Knylenskjerna, Adolph, Bullitt bldg
Kurrie, Geo. R. & D. W., Melrose
Ladd, Jas. B. (Consulting), Real Estate Trust bldg
Lalor, J. B. Engineering Co. (Consulting), 1305 Arch
Lathbury & Spackman (Consulting), 1619 Filbhert
Latta & Terry, Drexel bldg
Lehman, Ambrose E., 504 Walnut
Levering & Garrigues Co., 3302 Ludlow
Lewis, Walter M., Witherspoon bldg
Loss, H. V. (Consulting), North Am. bldg
Lowenthal, Wm., 1731 N 33d
Lucas, D. Jones, 1930 S College av
Lummis, Edw. F., 207 Walnut
Lundgren, Jacob, Betz bldg
Lyman, Benj. S. (Mining), 708 S Wash'n sq
McGeorge, Percy (Mining) Bullitt bldg
MacAfee, J. B., Harrison bldg
Main, Thos. B., Stephen Girard bldg
Marshall, H. H. (Consulting), 1012 Walnut
Matteson & Drake (Consulting), 706 Phila. Bourse
Mebus, Chas. F., Land Title bldg
Mercer, Jos. (Surveyor), 441 Norris
Mixer & Du Bois (Mining), 501 Mariner
Muckle, M. R., Jr., & Co., Stephen Girard a bldg
Munday, Wm. G., (Surveyor), 216 1-2 Walnut
Murphy, Howard, 260 S 3d
Nichols, A. B., 3207 Summer
Nungesser, T. R. & Co. (Mining), 25 N Juniper
Osborn Engineering Co. (Consulting, Specialists in Designing of Mfg. Plants of all Kinds), Land Title bldg
Ott, Chas. H., 418 City Hall
Oubin, Chas. B., 5423 Haverford
Paige, A. E. (Consulting), 714 Walnut
Palmer, Chas. W., 2234 N 19th
Parker, Jno. C. (Consulting), Drexel bldg
Parvin & Co., Stephen Girard bldg
Payne, Jas. A. (Surveyor), 414 Walnut
Perot, L. K. (Consulting), 258 N Broad
Peuckert, Kurt W., 310 Chestnut
Phillips, Jos. W., Cheltenham av n N 5th, Oak la
Plack, W. L., 1208 Chestnut
Pratt, Arthur H., Witherspeen bldg
Pugh & Downing, Lippincott bldg
Pusey, Fred S. (Mining), Drexel bldg
Rea, Alex. G., Land Title bldg
Reid, Jno. G., 2610 N 31st
Remmers, B. & Sons (Consulting), 325 Phila., Bourse
Rippey, S. H. (Consulting), 432 W Bringhurst, Gtn
Roberts, Frank C. & Co. (Structural), 1508 Real Estate Trust bldg
Roney, Edw., Hale bldg
Rondinella, L. T. (Consulting), Stephen Girard bldg
Sanders, Richard H. (Mining), Drexel bldg
Sanford, Howard, Bullitt bldg
Sax & Abbott, Hale bldg
Schade & Marshall, 42 N 6th
Schofield Co. (Consulting), Penna bldg
Schofield, H. A., Crozer bldg
Scoll, Geo. P. (Consulting), 929 Chestnut
Scott & Krieble, Mutual Life bldg
Sellers, Coleman (Consulting), Stephen Girard bldg
Simpson, Wm. L. (Consulting), Drexel bldg
Smith, W. Bugbee (Consulting), 1621 Mt. Vernon
Spackman, Henry S. Engineering Co. (Consulting, Specialty Cement Plants, etc.), 1619 Filbert
Speth, Jno. V., 3119 Clifford
Stamm, Norman L., 418 City Hall
Stearns & Castor, Stephen Girard bldg
Stitzer, J. H., Jr., Land Title bldg
Stoughton, J. Prescott, 3341 N Park av
Talman, Wm. N., 2538 N 33d
Tatnall, Geo. (Consulting), Land Title bldg
Thorn, Fredk. G., Jr., Stephen Girard bldg
Titlow, J. Milton, 1319 Jerome
Trautwine, Jno. C. (3rd), 257 S 4th
Trautwine, Jno. C., Jr., 257 S 4th
Trik, C. Hugo, 418 City Hall
Ussher, Chas. E. (Mining), Crozer bldg
Vogt, Wilhelm, 914 Walnut
W. & H. Eng. Co. (Consulting), 411 Walnut
Wagner, Jos. C. (Surveyor), Chelten av c Green, Gtn
Wagner, Saml. T., School la nr Cresson Falls
Wallburg, Roland, 4408 N 18th
Webb, Walter L., 411 Walnut
Webster, Geo. S. (City), 410 City Hall
Webster, Wm. R., 411 Walnut
West, J. M., Jr., Real Estate Trust bldg
Whitham, Jay M., Bullitt bldg
Whitney, Asa W. (Consulting), Betz bldg
Wiley, E. C. & Co. (Mining), Penna bldg
Wiley, Jno. M. (Mining), Pena bldg
Wilson, Harris & Richards (Consulting), Drexel bldg
Wolf, Otto C., 1025 Arch
Wood, Albert C. (Consulting), Girard bldg
Wurts, Theo. F., Land Title bldg
Wyllner, Wm., Witherspoon bldg

Yard, Henry H. (Mining), Drexel bldg
Young, C. J., 2659 Bridge, Bdg.
Young, Joseph H., 19 N Paxon
PHILLIPSBURGH—Hartman, H. H.
Hoyt, A. V.
Lemon, C. S.
Lingle, Chester M.
PHOENIXVILLE—Williams, H. S. (Surveyor)
PINEVILLE—Kirk, E. R.
PITTSBURG — Aiken, Henry (Consulting), McCandless & A. V. Ry.
Andrews & Southard, Frick bldg
Ashworth, Danl. (Consulting), Park bldg
Associated Engineering Co., Empire bldg
Banks, N. C. (Mining) Farmers' B'k bldg
Barr, J. Carroll, 6417 Kentucky av
Barrett, Jonathan (Surveyor), Ferguson blk
Baughman, W. H., Farmers' B'k bldg
Becbe & Bennett (Consulting), Farmers' B'k bldg
Beutner, Victor (Consulting), Westinghouse bldg
Bigelow, Edw. M., City Hall
Breuning, Max (Consulting), Whitefield, bldg
Browne & Layton, 413 4th av
Bryan, Jas. (Consulting), Park bldg
Burgwin, J. H. K., 424 4th av
Brockman, Brock & Co. (Mining), Keystone bldg
Butz, E. M. Co. (Ltd.), Bessemer bldg
Chapin & Knowles (Consulting, Waterworks, Sewerage, Sewage Disposal, etc.), Frick bldg
Converse, Edward H., Times bldg
Crooker, Ralph, Jr., Farmers' B'k bldg
Crowell, Dickman & Kenyon (Consulting), 421 Wood
Cruikshank, J. W., Farmers' B'k bldg
Cummings, R. A., House bldg
Dempster, Alex., 213 6th
Diescher, Saml. & Sons (Consulting for Steel Works & Mfg. Plants), Farmers' B'k bldg
Doe, Justin S. (Consulting Mining), Arrott bldg
Donley, Wm. McC., Keystone bldg
Douglas, Henry T., Jr., Farmers' B'k bldg
Duck, Geo. F. (Mining), Keystone bldg
Duckham, Albert E., 326 4th av
Edeburn, Cooper & Co. (Consulting), 410 Grant
Elliott & Baton, Keystone bldg
Farrar, S. C., Jr., Ferguson bldg
Felkel, Frank, House bldg
Fitch, Thos. W., Jr., Westinghouse bldg
Fohl, W. E. (Mining), House bldg
Forter-Miller Eng. Co., Westinghouse bldg
Gass, Hamilton & Billings, Times bldg
Gilfillian, G. A., Fidelity bldg
Harrop, Hopkins & Taylor, Lewis blk
Hartrick, R. S. D., 8 Wood
Hawley & Wharton, Westinghouse bldg
Huber, S. V. & Co. (Consulting), Ferguson blk
Hunt, Robt. W. & Co. (Consulting & Testing), 213 6th av
Hunter, R. F., 434 4th av
Hyde, Chas. (Consulting), Empire bldg
Jenkins, L. M., Times bldg
Judd, Chas. B., Park bldg
Kennedy, Walter (Consulting, Steel Works, etc.), Bessemer bldg
Kerr, Andrew & Co. (Structural Steel Work, Power Houses, etc.), Ferguson blk
Kerr, B. A., 412 Grant
Kindl & Glafey (Consulting), Frick bldg
Knopf, Herbert K., Frick bldg
Knox, F. H., Lewis blk
Langenheim, G. C., Times bldg
Laub, Herman, Lewis blk
Lewis, Harry J., Times bldg
Link-Belt Eng. Co. (Consulting), Park bldg
Lippincott & McNeil (& Mining), 432 Diamond
Lucius, E. C. & F. J., House bldg
Martin, Sidney B. (Consulting), 236 Dinwiddie
Melber, Fredk. (Consulting), Second Natl. B'k bldg
McCabe, Junius D., Fidelity bldg
McCrickart, J. M. (Mining), 1000 Farragut
McCully & Henderson (& Mining), 503 5th av
McGary, E. L. (Consulting), 20 Meridan
McKee, Chas. G., Frick bldg
McGrew, Jno. & Edw., 431 4th av
McRoberts, J. H., 402 Grant
Milholland, Jos. H., 326 4th av
Miller-Patterson, 407 4th av
Morse, E. K., Farmers' B'k bldg
Neeld, Almos D., Times bldg
Nisbet, D. F., Lewis blk
Owens, C. E., 524 4th av
Patten, W. W. (Consulting), 911 Liberty av
Peeples, Wilbur H 1833 Forbes
Penna Engin. Co. (Consulting), Frick bldg
Rankin & Hengst, 301 Smithfield
Ralston, Stewart H. & Son, 134 S Highland av
Pittsburg Testing Laboratory, 325 Water
Ross, F. G., Farmers' B'k bldg
Schaup, C. E. (Mining), Keystone bldg
Schellenberg, F. Z. (Consulting), Frick bldg
Schotte, Armin C. E. (Consulting for Steel Construction, etc.), 541 Wood
Schultz, A. L. (Consulting, Steel Construction), Keystone bldg
Scofield Co. (Consulting), House bldg
Smith, R. L. (Mining), Park bldg
Smythe, S. M. Co. (Consulting, Steel Works, etc.), House bldg
Swensson, Emil (Constructing & Consulting), Frick bldg
Taylor, Robert C., 5248 Carnegie
Taylor, S. A., Lewis blk
Taylor, Selwyn M. (Mining), House bldg
Tennant, Geo. B., 409 Market
Tone, S. La Rue, 435 6th av
Treadwell, M. H. & Co., 307 4th av
Trimble & Miller, 43 5th
Trott, Martin Co. (Consulting), 427 Diamond
Union Consulting Eng. Co. (Consulting), Publication bldg
Vollkommer, Theo. J., Lewis block
Wakefield, W. A., Ferguson blk
Weldin, L. C. (Consulting, Tipples Power Plants, Etc.), Frick bldg
Westinghouse, Church, Kerr & Co., Westinghouse bldg
White, Wm., Jr. (Consulting), Empire bldg
White & Wemer, Burgwin bldg
Wilkins, Wm. C. (Consulting, Bridges, Railroads, Water Works, Sewers, Mill Buildings, Collieries & Coke Ovens), Westinghouse bldg
Wolfer, Frank F.
Wolff, F. O., 1201 Carson
Woods, L. G., Frick bldg
Worthington, Chas. (Steel & Fire Proof Construction), Farmers' B'k bldg
PITTSTON—Berry, J. W., 1st Natl. Bk.
Collins, H. G., 311 Spring, W. P.
Dickey, Edwd. P., 205 York, W. P.
Griffith, Wm., 405 River av, W. P.
Meyers, Harry, Miners' (City), Savings Bk.
Patterson, C. R., & Son, 1st Natl. Bk.
PLAIN GROVE—Lawrence, C. F.
POINT MARION—Titus, B. F.
PORT ALLEGHENY—Hadley, M. J.
Smith, W. E.
PORT ROYAL—Croninger, W. H.
POTTSTOWN—Sands, Horatio
Shaner, R. E.
Wangner, G. F. P.
POTTSVILLE—Clemens, Frank G., Hause bldg
Cochran, A. B. & Son
Geary, J. W., 26 S Centre
Pugh, Wm. S., Morris bldg
Thompson, H. S., 102 S Centre
Womeisdorf, A. J., 102 S Centre
PUNXSUTAWNEY—Coulter, Eli (City)
QUAKERTOWN—Ommerin, J. V.
READING—Beard, E. H., 209 N 6th
Chamberlin, Edwin, 621 Centre av
Davis, N. M., 519 Court
Dechant, Wm. H., 536 Penn
Drieblis, Solomon K. (County Surveyor), Court House
Hoff, S. S. (City), 329 Pine
Karns, W. H., 12 S 5th
Kendall, H. T. & Sons, 24 N 6th
Murdoch, Alex. (City), City Hall
REBERSBURG—Gramley, Samuel
REHRERSBURG—Brobst, H. A.
REYNOLDSVILLE—Smith, J. S.
RIDGWAY—Little, Horace
Morgan, Jno.
Willard, Eugene
RIDLEY PARK—Darrach, Chas. G. (Consulting)
ROCHESTER—Leaf, Frank H.
Leaf, James P.
ROME—Whitney, Andrew J.
SALTSBURG—Wilson & Smith
SCRANTON—Archbald, Jas., 424 Jefferson av
Barnard, Montrose, Republican bldg
Bartl, Edmund A. (Mining), Connell Bldg
Bleitt, Patrick (Mining), Library bldg
Dunning, A. B. (Mining), Mears bldg
Foster, Rufus J., Wyoming av
Griffith, Wm. (Mining), Coal Exchange bldg
Lawrence, Job L., 1721 Summit av
Leighton & Davis (Mining), Coal Exchange bldg
Mattes, Wm. F. (Mining), Commonwealth bldg
Morrison, Henry M., 1543 N Main av
Phillips, Joseph M. (City), Municipal bldg
Rittenhouse, James H. (Mining), Connell bldg
Sadler, W. H., 2067 N Main av
Schaar, Christian H., 2073 N Main av
Sanderson, J. G. (Mining), Mears bldg
Stevenson & Knight, Court House
Thompson, Crandall W., Jr. (Mining) Library bldg
Thomson, T. N.
Wolfe, Frank G. (Mining), Board of Trade bldg
SELIN'S GROVE—Richter, H. E.
SEWICKLEY—Hirst, T. H.
Webber, R. I. (Borough)
SHAMOKIN—Douty, Chas. H.
Lorenz, F. Wm.
SHARON—Jenkins, M. W.
Nichols, Jas.
SHENANDOAH—Glover, D. T.
Gregory, W. G. (City)
SHOEMAKERSVILLE—Seidel, A. S.
SHOUSTOWN—Davis, Jas.
SHUNK—Shaddock, M. T.
SINNAMAHONING—Brooks, V. A.
Schotte, Armin (Consulting), 524 4th av
Shafer, A. H.
SLATINGTON—Oplinger, G. T.
SOUTH BETHLEHEM—Neumeyer, R. E. (City)
SPRING CITY—Rhoades, Isaac P. (Borough)
STARRUCCA—Stephens, H. L.
STEELTON—Earle, Thos.
Pratt, Mason D.
Reynders, Jno. V. W.
STROUDSBURG—Appenzeller, J.
SUGARTOWN—John, H.
SUNBURY—Boyer, H. S.
Burkstesser, P. S.
Keefer, Geo. F.
Lenker, Will. G.
SWARTHMORE—Beardsley, Arthur
TARENTUM—Retherford, G. L.
TIONESTA—Proper, J. F.
Whittikin, H. C.
TITUSVILLE—Smith, Joseph (City)
TORREY—Reynolds, Sidney F.
TOWANDA—Buil, Hiram E.
TRAPPE—Rhoades, I. P.
TUNKHANNOCK—Cook, Geo..
TYRONE—Henry, J. L.
McArthur, Chas. P.
ULYSSES—Cobb, D. H.
UNION DEPOSIT—Farnsier, M. H.
UNIONTOWN—Boyd, F. R.
WARREN—Cornelius, L. D.
Crary, H. A.
McPherson, G. W.
Parshall, M. C.
Rogers, Alson
Wheelock, D. F. A. (City)
WARREN POINT—Winger, A. S.
WASHINGTON—McAdam, Prof. D. J.
Rupie, J. C.
Wyie, Wm.
WAYNE—Mifflin, G. B.
WAYNESBORO—Stoler, Adam
WAYNESBURG—Dinsmore, T. B.
Throckmorton, Jno.
WEIKERT—Goodlander, J. L. C.
WELLSBOROUGH—Hardt, Anton
WEST CHESTER—McDonald, W. A. (Surveyor), (City)
Strickland Marcellus (County)
WEST NEWTON—Van Kirk, J. S.
WILKESBARRE—(All Mining Engineers)
Alleger, W. B.
Dodge & Hughes, 3 Wyoming Bk. bldg
Hand, Alfred, 20 City Hall
Hartwell, Ira E., Laning bldg
Hughes, D. F., 240 Northampton
Ingham, Wm. V. (City Engineer), 20 City Hall
Pettebone & Ireland (Coal Breakers, Coal Handling Machinery, Cement Plants, Etc.), Coal Exchange
Post, Edw. H., Bennett bldg
Reets, Harry S., 3 S Franklin
Rutter, N. B., Laning bldg
Smith, H. S., Coal Ex. bldg
Sturtevant, Wm. H., 18 N Franklin
WILKINSBURG—Frease & Sperling (& Consulting)
Harlow, Jas. & Co., 701 Wood
Taylor, S. A., 721 Whitney av
WILLIAMSPORT—Abercombie, Frank P., P. & & E. R. R.
Eldred, E. J. (County), Court House
Fairies, R. H., 315 Mulberry
Laird, John S., 303 Pine
Reeder, Henry C. (City Hall)
Snyder, G. D. (City), City Hall
WINDBER—Campbell, Jno. W. (Borough)

YORK—Addinger, Sam'l S.
Heiges, T. Tyrell
Kidd, Amos
McKinnon, Robt. B.

RHODE ISLAND.

BRISTOL—Brownell, Ernest H.
Perry, Wm. H.
BURRILLVILLE—Bruce, Hy. J., Dr., Pascoag
CENTRAL FALLS—Keene, Wm. F. (City)
CRANSTON—Latham, Jos. A.
EAST PROVIDENCE—Dexter, Walter M.
NARRAGANSETT PIER—Hazard, T. G., Jr. (& Surveyor)
Kent, Willard (& Surveyor)
NEWPORT—Buffum, Wm. P., 301 Thames
Cotton, Joseph P., 201 Thames
Lawton, Wm. H., Jr., 24 Bellevue av
N. KINGSTOWN—Rodman, R. F.
PAWTUCKET—Drowne, F. E., 82 Elm
Judson, Jno. E., 155 Main
Learned, Chas. H.
Seabury, Dwight
Smart, H. R.
PROVIDENCE—Bodwell, A. L., 146 Westminster
Burlinghame, Edwin A., Banigan bldg
Chase, Chas. F., 75 Westminster
Clapp, Otis F. (City), City Hall
Gray, Saml. M. (Consulting, Municipal & Sanitary), Banigan bldg
Greene, Robt. W., 152 Weybosset
Hall, C. A. (Surveyor), 422 Broad
Hammond, Wilberforce B., 301 W Exchange
Latham, Fred. J., 146 Westminster
Latham, Jos. A. (& Surveyor), 87 Weybossett
Miller, Jos. A. & Co., 435 Butler Exchange
Mowry, R. S., 152 Weybosset
Sarle, O. Perry (Consulting, Water Supply, Drainage, etc.), 146 Westminster
Schofield, Mark W., 29 Exchange
Shedd, Edw. W., 146 Westminster
Shedd, J. Herbert (Consulting), 146 Westminster
Temple, Wm. H. G., 75 Westminster
Tingley, Richard H. Co. (Consulting), 75 Westminster
Waterman, Frank E., 86 Weybossett
Weston, Edmund B. (Consulting, Water Supply, Filtration, etc.), 86 Weybossett
SOUTH KINGSTOWN—Holland, Leon L.
WARREN—Corbett & Borden
WARWICK—Barton, H. B.
WESTERLY—Whaley Earl C.
WOONSOCKET—Ellis, J. W. & Son, 160 Main
Kent, Willard (& Surveyor), Longley bldg
Mills, Frank H. (City)
Parker, Chas. F.

SOUTH CAROLINA.

ANDERSON—Lee & Sawyers
BLACKVILLE—Mixson & Co.
CHARLESTON—Allen, Jas. P., 8 Ladson
Dingle, J. H. (City Surveyor)
Gadsden, Jno., Jr., City Hall
Lamble, H. S.
Simons & Mayrant, 42 Broad
Todd, A. W., 285 King
COLUMBIA—La Motte, Aa Gamewell, 1521 Main
Miller, D. B. (City)
Niernsee, Frank, 1429 Main
Stoney, S. Reed
Whaley, W. B. Smith & Co., 1328 Main
PACOLET—Ladshaw & Ladshaw
ROCKHILL—Roddey & Whitner
SPARTANBURG—Howe, W. B. W.
Ladshaw & Ladshaw
Leonard, J. D.
Madole, A. (& Surveyor)

SOUTH DAKOTA.

ABERDEEN—Washburn, D. C.
BELLEFOURCHE—Thompson, H. E.
BRITTON—Denton, Saml.
CHAMBERLAIN—Meyer, F. H.
CLARK—Raymond, J. M.
DEADWOOD—Ames, G. P.
Black Hills Eng. Co.
Hartgering, Jas.
Hickox, J. R.
Peck, Frank
Phillips, Alvin & Co.
Vincent, H. S.
EIKPOINT—Vinson, W. M.
FAULKTON—Armstrong, J. F.
FLANDREAU—Harza, Le Roy
FOREST CITY—Webb, S. O.
FORT PIERRE—Lacy, E. J.
HILL CITY—Caton, C. N.
HOT SPRINGS—Utter, A. H.
HURON—Fessenden, G. A.
IPSWICH—Kean, H. M.
Merriman, G. L.
LEAD—Crick, J. P.
Gidley, A. B.
Mitchell, E. W.
Schnitzel & Moody
Walsh, W. M.
MADISON—Gregor, John
MILBANK—Crowl, W. S.
MITCHELL—Greene, Israel
OACOMA—Dinehart, Wm.
OLIVET—Branch, C. J.
PARKER—Branch, C. J.
Collins, T. F.
RAPID CITY—Willsie, Myron
SALEM—Lang, M. A.
Sweinhart, W. C.
SIOUX FALLS—Howe, S. B.
SPRINGFIELD—Wallace, J. W.
Young, J. C.
STURGIS—Ladd, G. W.
TYNDALL—Young, J. C.
VERMILLION—Gunderson, Carl
WATERTOWN—Carpenter, G. W.
WEBSTER—Alley, Josephus
WESSINGTON SPRINGS—Teasdale, Jno.
YANKTON—Bates, C. H.
Van Antwery, E. H.

TENNESSEE

ARCADIA—Gaines, W. H. H.
ASBURY—Huffaker, M. W.
BRADYVILLE—McGinn, N. R.
BRISTOL—Nader, John
CAMDEN—Frazier, S. A. J.
CHATTANOOGA—Dietz, O. A., 817 Georgia av
Guild & Co. (Consulting), Keystone blk
Hooke, Robt. (City)
Irwin, J. W., 7½ W 9th
Klonne, J. C., 619 Walnut
Long, M. B., 509 W 7th
Moe, S. B., Times bldg
Thompson, Benjamin, Sou. Ry. office
White, Linn, White & N. C. & St. L. Ry
CLARKSVILLE—Marble, J. H. (City)
Tapscott, John B.
CLEAR BRANCH—Gillis, W. T.
COOKEVILLE—Moscrip, R. J.
DRESDEN—McGlothlin, J. L.
DUCK RIVER—Anderson, J. M.
DUNLAP—Deakins, M. E.
Thurman, J. A.
EULIA—Meader, W. D.
FALL CREEK—Card, N. F.
FLAT CREEK—Hutson, J. L.
FRANCE—Oakley, L. N.
GREENVILLE—Rhea, J. P.
HENDERSON—Wheatley, J. N.
INDIAN RIDGE—Vineyard, T. A.
INMAN—Crozier, Captain
JACKSBOROUGH—Douglas, W. O.
Perkins, R. D.
JACKSON—Campbell, F. W.
Farrar, H. P.
Mercer, J. W.
Merriwether, David
Williams, J.
JEFFERS—Boshears, E. S.
JOHNSON CITY—Molesworth, A. N.
Phillips, J. M.
KING'S CREEK—Tedder, George
KNOXVILLE—Brownlee, J. L., 315 W Clinch av
Crozer, W. C., 1129 N 4th
Metcalf, G. W., 610 S Gay
Park, W. A. (City), City Hall
Phillips, F. G., 1002 N B'way
Waring, Charles, 308 W Clinch av
Wilson, Elwood J. (Mining), 712 N 4th
LOST CREEK—Longmire, E.
M'MINNVILLE—Hill, I. C.
Rowan, Stokey D. (City)
MEMPHIS—Anthony, Jas., Randolph bldg
Dabney, A. L. (Consulting, Water Works, Sewers & Electrical Installation, etc.), 43 Madison
Hartford & Co. (Consulting), Randolph bldg
Humphreys, J. H., 43 Madison
Reinbold, J. W. (Consulting), Randolph bldg
Richardson, R. B. (Co. Surveyor), Courthouse
Watkins, Wm. S., 34 N Dunlap
Weatherford & Hildebrand, 43 Madison
MURFREESBORO—Maney, Newton C.
MYNATT—Brown, J. L.
NASHVILLE—Blackie, G. F., N. C. & St. L. Ry
Brown, G. W., 35 Carroll
Cowan, W. H., 119 N High
Engineering Ass'n of the South, 1000 Broad
Foster & Creghton, 3 Berry blk
Hasie & Young, 79 Chamber of Commerce
Howard, J. M., Wedgewood av & S Spruce
Ingram & Leftwich
Leftwich, W. M., Jr., City Hall
Locke, C. A., 1518 McGarock
Lyle & Bates (County Surveyors), 411 Union
McDonald, Hunter, N. C. & St. L. Ry.
Quinn, G. W., 104 N High
Schuerman & Brown (Consulting)
Sinnot & Dyer, 421 Jackson bldg
Smith, F. R. R., City Hall
Southgate, W. W. & Son, 310½ Union
Wilson, Chas. B., N. C. & St. L. Ry.
OAKLEY—Carlock, T. W.
OLIVER SPRINGS—Butler, M. D. F.
PANDORA—Shonn, J. A.
PETROS—Wood, A. H. (Mining)
PIKEVILLE—Blackburn, Graton
RED BANK—Rogers, A. H.
RIDDLETON—Jones, J. H.
RIPLEY—Gudger, M. W.
SHARPEVILLE—McKnight, J. R.
SHERWOOD—Johns, T. D.
SOUTH PITTSBURGH—Clute, F. P.
TARPLEY—Newbill, W. S.
TATESVILLE—Overturf, H.
TUSCULUM—Haynes, L. C.
WARTBURGH—Roberts, Thomas
Scott, J. W.
WAVERLY—Ball, C. S.
WINCHESTER—Boone, Denton
WINESAP—Siever, J. M.

TEXAS

ARCHER—Hart, J. P.
ATHENS—Meredith, J. T.
AUSTIN—Andrewartha, John
Corwin, Dennis, Temporary Capitol bldg
Ford, Reuben W., E. 10th c Red River
Gildart, Frank, 701 Congress av
McFall, J. K., 95 East av
Matthews, S. P., City Hall
Pinckney, T. F., Temporary Capitol bldg
Wallace, John E., Court House
Wyard, J. R., 714 Congress av
BAIRD—Haley, M. R.
BALLINGER—Blanchard, C. C. F.
Dickinson, H. E.
BASTROP—Moncure, Cassius L.
BEAUMONT—Ingalls, James
BEEVILLE—Fenner, R. W.
BELLVILLE—Cumings, George S.
BELTON—Bigham, R. P.
BIG SPRINGS—Boydston, Benjamin
Cowan, S. H.
BRACKETTVILLE—Hodges, C. F.
BRECKENRIDGE—Brown, T. W.
BRENHAM—Von Biberstein, H. R.
BROWNSVILLE—Cocke, J. I.
BROWNWOOD—McIntosh, W. A.
BRYAN—Mitchell, J. P.
BURNET—Chamberlain, T. A.
Moses, E. J.
CALDWELL—Dalrymple, J. G.
CARRIZO—Haynes, Leonard
CASTROVILLE—Haas, H. V.
CENTER—Holt, John
CENTREVILLE—Burroughs, B. F.
CLARKSVILLE—Harris, F. N.
CLEBURNE—Kinnard, J. D.
COLEMAN—McElrath, J. A.
COLLEGE STATION—Love, A. C. (Consulting)
COLORADO—Earnest, C. H.
Holt, C. W.
Looney, R. H.
Shepherd, J. L.
COLUMBUS—Jackson, D. W.
COMANCHE—Armstrong, R. G.
Holman, J. A.
CONROE—Burns, Lafayette
COOPER—Stratton, T. L.
CORPUS CHRISTI—Blucher, C. F. H.
Owens, F. J. & Co.
CORSICANA—Lee, C. C.
CROCKETT—Broxson, Enoch L.
CUERO—Schleicher, Gustav
DALLAS—Brown, C. E., 204 Main
Hopkins, Louis H., 237 Main
Raines, H. B. (City), City Hall
Steber, F. W., 507 N Tex. Nat'l B'k bldg
Thatcher, J. S., 301 Main
DANGERFIELD—Connor, W. S.
DALBY SPRINGS—Putnam, A. D.

DEL RIO—Pierce, J. K.
DENISON—McWillie, Richard L. (City)
DENTON—Pierce, W. H.
DODGE—Aden, A.
DUBLIN—Harris, J. T.
EASTLAND—Dakan, G. W.
EL PASO—Ashton, Frank
Parker, A. H.
Wimberly, George C. (City)
EMORY—Stuart, S. J.
FORNEY—Lewis, P. M.
FT. DAVIS—Patterson, H. M.
FORT WORTH—Baker, Brookes (Depy. County Surveyor)
Darter, Jno. H., 711 Main
Dickson, H. M. (Asst. City Engineer), City Hall
Goodfellow, Jno. J. (County Surveyor), Court House
Hall, J. M. (City), 1300 1-2 N Main, N. Ft. Worth
Hawley, J. B. (City), City Hall
Zane-Cetti, 1005 Calhoun
FREDERICKSBURGH—Schuchardt, J.
GAINESVILLE—Brozelton, S. J.
Hulen, Harvey
GALVESTON—Anderson, Thos. J. (Consulting), 2118 Strand
Cameron, W. L. (Consulting), 2203 Church
Felt, C. F. W. (Santa Fe R. R.), Santa Fe bldg
Hartrick, E. M., Trust bldg
Hoxie, A. (Co. Surveyor), Court House
Luttrel, R. W., 709 Tremont
Riche, C. S., Trust bldg
Sias, C. A. (& City Engineer), 2205 Strand
Temple, B. M. (City), Court House
Wilson, Henry T., 1419 B'way
GATESVILLE—Graves, C. L.
GEORGETOWN—Battalie, I. F.
GILMER—Denton, J. I.
GOLDTHWAITE—Pesley, George
GREENVILLE—Morgan, J. H.
HALLETSVILLE—Ballard, James
HELENA—Leckie, W. H.
HEMPHILL—Arthur, W. S.
HEMPSTEAD—Elliott, B. F.
HENDERSON—Stone, W. D.
Wooley, J. M.
HENRIETTA—Watkins, R. W.
HOMER—Gibson, James
HOUSTON—Anderson, W. E., 914 1-2 Franklin
Berry, James H., Converse bldg
Bradburn, Wm. (County), Court House
Davis, James O., 1016 1-2 Congress av
Delery, W. S. & Co., Cotton Exchange
Dormant, Frank L. (City), City Hall
Gillespie, J. J., Court House
Lohaus, R. A., 1301 Congress av
Matthews, Saml. P., 305 1-2 Main
McGregor, Flint, Mason bldg
Maxey, John W., 203 Binz bldg
Miller, I. Austin, 1015 1-2 Preston av
Opperman, Jesse, Levy bldg
Packard, Saml. E., 706 Rusk av
Rocke, Milton M., P. O. Box 232
Stimson, Arthur E., 2107 Gano
Waldo, Wilmer, Binz bldg
Whitty, Patrick, 317 1-2 Main
Wise, A. J., 915 1-2 Congress av
HUFFINS—Huffins, R. M.
JASPER—Blake, W. W.
KAUFMAN—Barnes, W. H.
Kyser, H. W.
KERRVILLE—Doris, J. H.
LA GRANGE—Vogt, A.
LAMPASAS—Brown, Ephraim
LAREDO—De la Garzo, Cayetano
Foster, Arthur
Hesse, Paul
LIBERTY—Eubanks, R. C.
Minter, John
LINDEN—Huffins, R. M.
LIVINGSTON—Nobiett, C. A.
LONGVIEW—Taylor & Marschalk
Terry, E. S.
LUFKIN—McCarthy, P. A. & Son (Consulting & Designing)
M'KINNEY—Byrne & Wilson
Noyes, C. W.
M'QUINN—Voght, Rudolph
MARLIN—Hunnicutt, R. S.
Porter, F. O.
MASON—Bierschwale, Charles
MATAGORDA—Robbins, Frederick
MENARDVILLE—Kitchens, F. M.
MERIDIAN—Weeks, J. N.
MEXIA—Roberts, H. M.
MIDLAND—James, H. J.
MINEOLA—Cowan, G. W.
Giles, W. M.
Newson, J. H.
MINERAL WELLS—Berry, H. M.
MT. PLEASANT—Dillahanty, C. L.
Riddle, I. R.
Riddle, J. G.
Turner, J. C.
NACOGDOCHES—Nelson, A. A.
NESBITT—Wilson, W. H.
OAKVILLE—Gilmore, E. T.
ORANGE—Pinkston, J. A. (City)
PAINT ROCK—Batchford, J. W.
PALESTINE—Hanks, J. S.
PALO POINT—Metcalf, William
PARIS—Davis, E. E.
Skidmore, T. H.
Wright, J. H.
PEARSALL—Curtiss, A. L.
PECOS—Randolph, A. M.
PENNINGTON—Pennington, H. W.
PITTSBURGH—Fedric, W. W.
POINT—Humphry, J. W.
REFUGIO—O'Gaffney, James
RIO GRANDE CITY—Lopez, Pedro
ROCKPORT—Reeves, T. B.
ROCKWALL—Simpson, W. H. H.
RUSK—Guinn, H. S.
SAN ANGELO—Tarver, H. B.
SAN ANTONIO—Franklin, T., Sr., 326 San Pedro av
Locke, W. M., 115 Fannin
Simtb, Charles P. & Co., 417 Navarro
Wyschetzki, A., 307, Matagorda
SAN DIEGO—Dix, J. J.
SAN MARCOS—Groos, Otto
SEQUIN—Erskine, A. M.
SHERMAN—Hopson, Joseph P.
King, John L. (City)
SIMONDS—Dose, J. T.
SMITH POINTS—Wallis, G. N.
STEPHENVILLE—Jackson, M. L.
SULPHUR SPRINGS—Banks, J. B.
Brashear, W. S.
Gilbert, J. L.
Tomlinson, S. G.
SWEET WATER—Ragland & Beall
Seaton, K. R.
TERRELL—Terrell, J. L.
TEXARKANA—Hodler, P. M.
Massenburg, W. G.
Stewart, Sidney, City Hall
THROCKMORTON—Stribling, C. K.
TILDEN—Bomster, Frank
TYLER—Ellis, Ira
VERNON—Nabers, J. A.
VICTORIA—Ward, J. W.
WACO—Goddard, Andrew
Gurley, G. B.
WEATHERFORD—Bassett, J. M.
Carroll, Nicholas
Weitzell, R. S.
Winston, J. M.
WILL'S POINT—Gibson, W. W.
Greer, W. J.
McKain, T. J.
Meredith, A. W.
WINNSBOROUGH—Mawer, George

UTAH.

OGDEN—Bostaph, W. H., 1331 25th
Jenkins, Washington, Utah Loan & Trust Co. bldg
PROVO CITY—Stewart & Sons (Mining)
SALT LAKE CITY—Breckon & Davis, 117 Commercial blk
Brown & Brooks, 49 S Main
Butters, Charles (Mining), Dooly bldg
Culmer, W. F. (Mining), Culmer blk
Daggett, Ellsworth (Mining), 49 S Main
Fitzhugh, Henry, 47 East 1st South
Forrester, Robert (Mining), Dooly bldg
Gemmell, R. C., Dooly bldg
Gibbs, G. A., 137 N West Temple
Gorlinski, Robt. (mining), 38 Central blk
Hanson, A. P., 26 Eagle blk
Hardesty, W. P., Progress bldg
Hill, J. P. (mining), Templeton bldg
Horne, H. W., Whitington bldg
Jones & Jacobs, 49 S Main
Joseph, H. S., Progress bldg
Kelsey, Louis C. (City)
Le Prohon, E. M., Atlas blk
McCartney, H. M., 161 S Main
Mathis, T. S. (mining), 49 S Main
Neill, Jas. W. (Mining), P. O. Box 1164
Nissen, Peter (County Surveyor), 121 S State
Oglesby, M. L. (Mining), David Keith bldg
Palmer, Burton & Anderson (mining), 47 Board of Trade bldg
Paul, S. J., Progress bldg
Penrose, W. H. (mining), 18 Eagle blk
Robinson, G. H. (mining), Walker Bros Bank bldg
Smith, J. F., Jr., 49 S Main
Snow, G. W. (mining), Atlas blk
Sterling, Robt., Whitington blk
Stevenson, C. L., Atlas blk
Strange, V. P., Whitington blk
Wilder, E. B. (mining), 159 S Main
Wilkes, C. S., City & County bldg
Wilkes, Edmund, Atlas blk
Wilson, J. W. (mining), 237 6th, East
Young, O. R., McCormick bldg

VERMONT.

BARRE—Currier, Chas. S. (City)
Currier & Crosby
BENNINGTON—Rice, Edward
Sanborn, I. H.
BRADFORD—McDuffee, Henry
BRATTLEBORO—Crowell, Christie B.
BURLINGTON—Barbour, V. G., 96 N Prospect
Crandall, Frank H. (City), City Hall
Dow, A. R., 234 Pearl
McIntosh, H. M., City Market bldg
Sinclair, Frank O., 174 Main
Woodbury, Charles L., 37 N Prospect
MONTPELIER—Foster, Joel
NEWFANE—Skinner, Chas. E.
NORTHFIELD—Andrews, G. R.
PITTSFORD—Hasseltine, H. A.
RUTLAND—Chappell, Thos. F., 14 Clement bldg
Eggleston, W. W., 23 N Main
Grimes, E. L., 9 Clement bldg
Grover, Arthur C. (City)
Ross, Geo., 1 Merchant Row
Roys, L. E., office in depot
Wooster, Oriando, 18 Church
ST. ALBANS—Dewart, F. H.
Mason, Marshall
Warren, H. A.
ST. JOHNSBURY—Perham, J. M.
WINOOSKI—Nash, V. K. (City)

VIRGINIA.

ALEXANDRIA—Dunn, E. C.
Howell, D. J.
AMHERST—Campbell, C. J.
Robinson, John B., Jr.
BEDFORD CITY—Moseby, S. B. & Co.
BERKLEY—Phelps, Richard M.
BUCHANAN—Jolliffe, William
BUENA VISTA—Hurlburt, W. J.
McDowell, W. G.
DANVILLE—Ballou, C. A. (City)
FRONT ROYAL—Roy, G. E.
GUNS HILL—Rives, T. F.
HAMPTON—Armstrong, Richard
Chambers, Girard
Sempie, Edw. A.
HARRISONBURG—Allen, Robt. B.
LEXINGTON—Carmichael, John
Hutton Engineering Co.
McDowell, W. G.
LYNCHBURG—Gleaves, R. Taylor
Lewis, J. M. B., 211 9th
Rodes, Lafayette P., 813 Clay
Shaner, H. (City)
NEWPORT NEWS—Edmonds, A. B. (County Surveyor)
Marye, Edw. A. (City)
Pierce, R. T., Jr.
Wagner, Adolph
NORFOLK—Brooke, Wm. T. (City), City Market bldg
Foreman, E. C., 272 Main
Haenselmann, Ferdinand, Lowenburg bldg
Petrie, Chas. F., 254 Main
Ritchie, E. Warren (Consulting), Lowenberg bldg
Smith, Edw. H. (& Consulting), 140 Main
PETERSBURG—Dunn, Thomas C., 140 High
Rives, Thos. F.
POINDEXTER—Browne, Geo. H.
PORTSMOUTH—Cassell, Heber C., 434 High
RICHMOND—Cutshaw, W. E. (City), City Hall
Froehling & Robertson (Mining), 17 S 12th
Jones, Meriwether (Mining), 1101 E Main
Myers, Finney & Morrison (Consulting, Elec. Ry., Power Lighting, Industrial Plants, etc.)
Noland & Baskervill
Reed, T. C. & Bro., 1017 Bank
Seymour, Robt. B., 1014 E Main
Shellenberger, Leidy R., 1102 E Main
RIO—Bolton, C. M. (Consulting)
ROANOKE—Flickwir, D. W.
Hancke, J. E. M. (Consulting)
Hunter, J. L. (Consulting)
McIlwaine, Archibald G.
Mosby, S. B.
Wingate, J. H. (City)

SANDIDGES—Drummond, Henley
STAUNTON—Brace, G. C
Harrison, Carter H. (City)
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Osborn Enginering Co. (Consulting, Mach'y Power Transmission, Buildings, etc.), Osborn bldg
Pelton Engineering Co., 26 Merwin
*Rider, Geo. S., & Co., The Century
Rifenberick, R. B. (Consulting, Electric Rys., Eetc.), Williamson bldg
*Roberts & Abbott Co. (Consulting, Electric Rys. & Bldgs., Etc.), Electric bldg
*Standard Engineering Co. (Consulting, Electric Railway, Power & Lighting Plants, Etc.), Garfield bldg
Werk, Fred'k C., New Eng. bldg
COLUMBUS—Carrell Electric Co., Eberly bldg
Electrical Supply & Construction Co., 80 E Gay
DAYTON—Emrich, Louis W. (Eng. Nat'l Cash Register Co.)
Shawhan, J. F., New Market & Sears
Thresher, Alfred A. (Thresher Elec. Co.), Callahan Bank bldg
EAST LIVERPOOL—Healy, Louis W. (Treas. E. L. Pl. Ry.)
MASSILLON—*Heggem, Alfred G. (Consulting, Power Plants, Etc.)
STEUBENVILLE—Flood, J. F. (Supt. Steubenville Traction Co.)
TOLEDO—Fowler, H. R., 237 Cherry
Grah, Emil, 1310 Adams
YOUNGSTOWN—†Youngstown Engineering Co.

OREGON.

OREGON CITY—*Cheney, W. C.
PORTLAND—Cheney, W. C., Cham. of Com. bldg
Shock, Thos. A. W. (Gen'l Supt. Portland Gen'l Elec. Co.)
SALEM—Anson, F. R. (Consulting & Sec. & Mgr. L., H. & P. Co.)

PENNSYLVANIA.

ALLEGHENY—Connelly, M. S., Co.
PHILADELPHIA—Adams & Schwab (Consulting), 402 Walnut
Apgar, Peter E., 2415 N 33d
Breed, Geo., Real Est. Trust bldg
Cheyney, W. I., 1217 Filbert
Darrach, Chas. G. (Consulting), 625 Walnut
Dickinson, M. H. (Consulting), Land Title bldg
Dodge & Day (Modernizing), Nicetown
Drake, F. S., Real Est. Trust bldg
Electro-Dynamic Co. of Phila., 224 Ionic
*Engstrom, Axel H. (Consulting & Designing, Electric Traction, Water Powers & Long Transmission), Bullitt bldg
Fonder, Edw. F., Land Title bldg
Gill & Co., 1120 Chestnut
Herborth-Mitchell Co., Girard bldg
*Hess & Barker, 810 Sansom
Hochrath, H. C., 421 Chestnut
Hollingsworth, L., Jr. (Electric Lighting & Railway Power Plants), Girard bldg

*Houston, E. J. (Consulting & Contracting), Crozer bldg
*Leng, Chas. W. (Contracting), 1556 E Montg'y av
Levis, Minford, 8 S 4th
Mac Afee, Jno. Blair, Harrison bldg
Marley, R. M., 1025 Arch
*Marks, Wm. D. (Consulting), Phila. Bourse
*Muckle, M. R., Jr., & Co. (Consulting), Stephen Girard bldg
Osborn Engineering Co. (Consulting, Mach'y, Power Transmission, Buildings, etc.), Land Title bldg
*Paige, Arthur, 714 Walnut
*Pringle, Wm. T., 114 N 12th
Richter, E. L., 1914 Columbia av
Roeber, G. F., 927 Chestnut
*Rondinella, L. F. (Consulting), Stephen Girard bldg
†Smethhurst & Allen, North American bldg
*Strang, R. C., 723 Walnut
Vaill, Edw. W., Stephen Gir. bldg
Williams, Horace G., 119 S 4th
Wood, W. H., Stephen Girard bldg
Worstall, A. M., Witherspoon bldg
PITTSBURG—Associated Engineering Co. (Consulting, Lighting Plants, Etc.), Empire bldg
Bown, D. E., 209 9th
*Bryan, Jas. (Consulting, Power Stations & Lighting), Park bldg
Clayton Electric Co., 237 4th av
Crocker-Wheeler Co., Empire bldg
Curran, O. P., Jr. (Consulting, Contracting), 215 4th av
Davison, N. C., 108 Market
Fullman Co., 3d & Penn av
Hays, J. W., 339 5th av
*Iron City Engineering Co., Frick bldg
*Keystone Engineering Co. (Consulting & Contracting, Power Plants, Etc.), Farmers' Bank bldg
Martin, L. G., Co., 528 Grant
Martin & Wooldridge, 27th & Liberty av
†Orr & Howe Electric Co., 1237 4th av
†Pittsburg Construction & Engineering Co., 27th & Liberty
Pittsburg Engineering Co., Keystone bldg
*Redding Engineering Co., 3173 2d av
Snyder, W. E. (Steam & Electrical Expert), care Shoenberger Works
*Temple, Wm. Chase, 541 Wood
Westinghouse, Church, Kerr & Co. (Consulting), Westinghouse bldg
*Winslow, Geo. H. (Consulting), 3d & Penn av
Wood, Geo. R., Farmers' B'k bldg
ROCHESTER—*Sage, Henry Judson
SCRANTON—Cosgrove, Jas. F. (Prof. of Eng. Intl. Correspondence School)
Elias, Albert B., 1310 Wash'n
SOUTH BETHLEHEM—Franklin, W. S., Lehigh University
MacFarland, Alex. (D. Se., LL. D., Lehigh University)
STATE COLLEGE—Jackson, John Price (Prof. Elec. Eng. Penna. State College)
SWARTHMORE—Stine, Wilbur M. (Prof. of Eng. Swarthmore College)
TORREY—Reynolds, Sidney F. (Consulting)
VANDERGRIFT—Pinkerton, Andrew (Elec. Eng. American Sheet Steel Co.)
WILKESBARRE—Harvey, Robt. R., 10 S Franklin
WILLIAMSPORT—Webb, Geo. H., Elliott bldg
YORK—Graybill, Jno. E. (& Constructing), 1153 Market

RHODE ISLAND.

LONESDALE—Elis, Jno. (Mgr. Elec. Lt. Plant)
PHENIX—*Hoxil, F. J.
PHILLIPSDALE—Phillips, Eugene F. (Pres. Am. Elec. L. Works)
PROVIDENCE—†Boston Electric Co., 333 Westminster
Drake, Jno. I., 107 Westminster
*Lewis & Claflin (Consulting), 146 Westminster
*Shedd & Sarle (Consulting), 146 Westminster
*Sheldon, Frank P. (Specialty Mill Eng.), 49 Westminster
Spiller-Burnham Electric Co., Ganigan bldg
†Thurston, Geo. H. & Co., 65 S Main
Tingley, R. H., Co. (Consulting, Street Railway, Etc.), 75 Westminster
Woodward, Wm. C. (Elec. Eng. Narragansett Elec. Lt. Co.), 60 Weybossett

SOUTH CAROLINA.

COLUMBIA—*Whaley, W. B. Smith & Co. (Consulting)
PELZER—McKissack, A. F. (Eng. Pelzer Mfg. Co.)
ROCK HILL—Whitner, W. C., & Co.
SPARTENBURG—Knox, Frank H. (Spartenburg Ry., Gas & Elec. Co.)

TENNESSEE.

CHATTANOOGA—Wilcox, Norman T. (Supt. L. & P. Co.)
DYERSBURG—Blake, C. E.
MEMPHIS—*Weatherford & Hildebrand

TEXAS.

LUFKIN—McCarthy, P. A. & Son (Consulting, Elec. Power Plants)

UTAH.

OGDEN—Boggs, Lemuel S. (Union L. & Pr. Co.)
PARK CITY—Fleming, Jno. B. (M. M. & Elec. Eng. Silver King Mill)
SALT LAKE CITY—Mill, Emil, 22 W. S. 2d, S.
Trent, K. C. & S. V., 208 Temple, S.

VERMONT.

BURLINGTON—Freedman, Wm. H. (Prof. Elec. Eng. University of Vt.)
MONTPELIER—†Almon, G.
RUTLAND—Francisco, M. J. (Pres. & Gen'l Mgr. Rutland Elec. L. Co.)

VIRGINIA.

BLACKSBURG—Randolph, L. S. (Prof. of Mechl. Eng.)
DANVILLE—Standard Electric Co.
HOT SPRINGS—Stewart, Jno. Bruce (Supt. Elec. Plant)
LYNCHBURG—Standard Electric Co.
NEWPORT NEWS—Crain, Jno. Jay
Loomis, Osborn P. (Elec. Eng. Newport News Shipbuilding & D. T. & Co.
NORFOLK—Agelasto, Michael A., 42 Front
Neff & Thompson, Withers bldg
Standard Electric Co.
Truesdale, A. E. (Eng. Norfolk Ry. & Lt. Co.)
Wright, Peter (Gen'l Mgr. Norfolk Ry. & Lt. Co.)
RICHMOND—Frown, Frank Z., Cham. of Com. bldg
Catlett & Taylor, 602 E Main
Electric Construction of Va.
Johnson, Louis J. & Co.
Myers, Finney & Morrison (Consulting)
†Tower-Binford Electric & Mfg. Co., 721 E Main
Trafford, Edw. W., Cham. of Com. bldg

WASHINGTON.

EVERETT—Butler, Wm. C. (Pres. Puget Sound Reduction Co.)
PULLMAN—Darrow, Eleazar (Prof. M. E. Dept. Washn. Agr. College)
SEATTLE—Bogart-Bates Co., Pacific blk
Colby, Chas. W., 315 1st
Joslyn, Howard (Asst. Eng. Snoqualmie Falls Pr. Co.), 151 Aloha
Robinson, E. G., 122 Leary av, Ballard
Shuffleton, S. L., Burke bldg
POKANE—*Darrow, Eleazar, Temple Court

WEST VIRGINIA.

WHEELING—*Sands, H. S. (Consulting)

WISCONSIN.

BELOIT—Wheeler, W. H. & Co.
MADISON—Dekhotinsky, Achilles (Northern Elec. Mfg. Co.
Jackson, Dugald C. (Prof. Elec. Eng. University of Wis.)
MILWAUKEE—*Bradshaw, Jas. (Consulting), N. W. Mut. Life Ins. Co.
Cloos, Jacob (Consulting, Complete Power House Construction), Pabst bldg
Colles, Geo. Wetmore (Consulting), Uihlein bldg
*Petermann, Albert, 14 Wells
Rohn, Geo. F., 88 Mason
Schmidt, Albert R., 461 B'way
SUPERIOR—Chambers, F. R., Jr., Board of Trade bldg

Engineers (Heating & Ventilating, Consulting)

(See Heating & Ventilating Engineers, Consulting.)

Engineers, Hydraulic)

(This list does not contain all of the above Engineers; see also Engineers, Civil; also Engineers, Mill; also Engineers, Mechanical; also Engineers, Sanitary.)

ALABAMA.

BIRMINGHAM—Albert & Byrne, 1909 1st av
ENGINEERING CO. OF AMERICA (Inc.) (Consulting, Superintending & Contracting), Steiner bldg. (See adv. index, end of book)

CALIFORNIA.

LOS ANGELES—Bassell, W., 435 Douglas bldg
Boggs, E. M., 535 Stimson blk
Catey, S. F., 10 German Am. Bk. bldg
Chaffey, G., 219 Stowell blk
Cobb, Edw., 603 S Main
Friel, L., 211 Wilson blk
Johnson & Catey, 808 E 8th
Lippincott, J. B., 408 Byrne bldg
Purcell, G., 412 Wilson blk
Schuyler, J. D., Douglas bldg
Skinner & Miller, 320 Stimson blk
SAN FRANCISCO—Allardt, Geo. F., 420 California
Baker, Frank J., & Co., 325 Montgomery
Bromfield, Davenport, 3 Mills bldg
Browne, Ross E., Nevada bldg
California Hydraulic Engineering & Supply Co., 17 Fremont
Clark, F. A., 420 California
Cumming, Geo., & Co., 18 Fell
Dillman & Wallace, 722 Montgomery
Doble, Robt. McF. (Consulting), Hayward bldg
Harmon, Dana, Hayward bldg
Hunt, A. M., 331 Pine
Livermore, Norman B., & Co., Rialto bldg
O'Shaughnessy, M. M., Crocker bldg
Rogers, Chas. S., 120 Sutter
Browne, Ross E., Nevada blk
Vischer, Hubert, Flood bldg
SANTA ANA—Finley, S. H.
SANTA PAULA—Orcutt, W. H., Hardware bldg

COLORADO.

COLORADO SPRINGS—Reid, H. I.
DENVER — **ENGINEERING CO. OF** America (Inc.) (Consulting, Superintending & Contracting), Boston bldg. (See adv. index, end of book)
O'Brian & Pearl, R. R. bldg
Ulrich, Jno. C., 1528 Champa
PUEBLO—Martin, E. P.

CONNECTICUT.

BRIDGEPORT—Hull, B. H., 1022 Main
HARTFORD—Souther, Hy., 440 Capitol
Ayres, H. W., 66 State
MIDDLETON—Bishop, Geo. W., 129 Main
NEW HAVEN—Hill, Albert B., 82 Church
SOUTHINGTON—McKenzie, Theo. H.
WATERBURY—Cairns, Robt. A., 9 Leavenworth
Welton & Bonnett, 77 Bank

FLORIDA.

JACKSONVILLE—Le Baron, J. Francis

GEORGIA.

ATLANTA—Hall Bros., 409 Temple Court
Liddell, D. W., 23 E Hunter
Walker, A. F., Austell bldg

ILLINOIS.

BLOOMINGTON—Bell & Melluish
Brown, Chas. Carroll
CHESTER—Smith, Isaac A.
CHICAGO—Alvord, Jno. W. (Consulting), Hartford bldg
Ashley, Burton J., 184 La Salle
Cole, John A., 84 Van Buren
ENGINEERING CO. OF AMERICA (Inc.) (Consulting, Superintending & Contracting), 159 La Salle. (See adv. index, end of book)
Mead, D. W. (Consulting), First Natl. B'k bldg
Morgan, Geo. Cadogan, 169 Jackson boul
Sturtevant, Chas. F., 908 Fisher bldg
Wheeler, W. H., & Co., Security bldg.
Wood, Frank W., Monadnock blk
PEORIA—Maury, Dobney H., 129 N Jefferson

INDIANA.

ELKHART—Beardsley Gravity Dam & Construction Co.
INDIANAPOLIS—Brown, Chas., 1560 E Market
Hainsworth, Jno. J., Commercial Club bldg
MARTINSVILLE—Philips & Goss
TERRE HAUTE—Grimes, Geo. R., 521 Ohio

IOWA.

CEDAR RAPIDS—Merridith, G. H.
Wardie & Yeager
Warriner, Thos. R.
Wynn, Geo. W.
CLINTON—Iowa Engineering Co.
DES MOINES—Schreiner, B., 1445 Maple
DUBUQUE—Tschirgi, M., Jr., City Hall

KANSAS.

TOPEKA—Hinckley, H. V.
Tweddle, Wm.

KENTUCKY.

LOUISVILLE—Butler, Pierce, Norton bldg
Hermany, Chas. (Consulting, Water Works, etc.)
NEWPORT—Hormung, Geo.
PADUCAH—Stickney, G. F.

LOUISIANA.

NEW ORLEANS—Brown, Linus W., 741 Carondelet

MARYLAND.

BALTIMORE—Adams & Schwab (Consulting), Calvert bldg
ENGINEERING CO. OF AMERICA (Inc.) (Consulting, Superintending & Contracting), 902 Cathedral. (See adv. index, end of book)
Kennedy, Geo. J., 1819 Appleton

MASSACHUSETTS.

BOSTON—Blake, Geo. F. Mfg. Co., 156 High
Clark, W. L., & Co., Barristers' Hall
Coffin, Freeman C., 53 State
Felton, B. R., 1121 Tremont bldg
Fuller, Frank L., 12 Pearl
Gowing, E. H., 12 Pemberton sq
Hammatt, E. A. W., 53 State
Hawes, Louis E., 751 Tremont bldg
Knowles Steam Pump Wks., 54 Oliver
McClintock & Woodfall, 15 Court sq
Pierce & Barnes, 7 Water
Rice, Geo. S., & Geo. E Evans, 95 Milk
Snow & Barbour, Tremont bldg
Webber, W. O., 53 State
Wheeler, Wm., 14 Beacon
BROCKTON—White & Wetherbee
HOLYOKE—Ellsworth & Kirkpatrick (Consulting)
Mann, T. W.
Tighe, Jas. L., 255 High
LAWRENCE—Sjostrom & Franklin, 316 Essex
NORTHAMPTON—Davis, E. G. & E. E.
SALEM—Metcalf & Ashton, 39 Church
SPRINGFIELD—Merrill, Geo. N. & Co. (Consulting), 292 Main

MICHIGAN.

BAY CITY—Thompson, Hy. C.
KALAMAZOO—Pierson, George S.

MINNESOTA.

MANKATO—Haynes, M. B.
MINNEAPOLIS—Coppelen, F. W., Oneida blk
Fanning, J. T. (Consulting), 603 Kasota bldg
ST. PAUL—Loweth & Wolff, 1st Nat'l B'k bldg

MISSOURI.

KANSAS CITY—Burns & McDonnell, Postal Telegraph bldg
Kiersted, Wynkoop, Water Works bldg
ST. LOUIS—Boyce, W. D., Engineering Co., Chemical bldg
Bryan, Wm. H., Lincoln Trust bldg
Ford, Owen, Security bldg
Phillips, Hiram, 301 City Hall
Quigley, J. B., 421 Olive
Russell S. Bent, 417 Pine
Stagl, Chas., Chemical bldg

MONTANA.

GREAT FALLS—Whitten, B. D., Phelps blk

NEBRASKA.

OMAHA—Rosewater, Andrew, City Hall

NEW HAMPSHIRE.

CHARLESTON—Webber, Samuel
MANCHESTER—Dudley & Doherty
Gay, Frank A.

NEW JERSEY.

NEWARK—Field, Wm. P., 638 Broad
McMurray, Eugene A., 22 Clinton
PASSAIC—Wise & Watson

NEW YORK.

ALBANY—Judson, Wm. Pierson (Dep. State Eng.), State Capitol
Russ, Herman H. & Sons, 121 State
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Bassett, Geo. E., 290 Terrace
Guthrie & Diehl, 836 Ellicott sq
Sikes, F. G. & G. R., 871 Ellicott sq
Witmer, J. F., 705 Ellicott sq
KINGSTON—Longyear, Orson C. (Consulting)

NEW YORK CITY.

Borough of Brooklyn

BROOKLYN—Hill, W. R. (Consulting, Water Works), 246 6th av

Boroughs of Manhattan and Bronx

NEW YORK—Bauer, Jacob Louis, 68 Bible House
Brinckerhoff, H. Waller, 45 B'way
Cole, Edw. S. (Consulting), 15 Park Row
Croes, J. Jas. R., 68 Broad
ENGINEERING CO. OF AMERICA (Inc.) (Consulting, Superintending & Contracting), 74 B'way. (See adv index, end of book)
Foye, Andrew E., 11 B'way
Fuertes, Jas. H., 140 Nassau
Fuller, Geo. W., 170 B'way
Greene & Greene, 11 B'way
Haygul, Chas. A., 114 Liberty
Hamshaw, F. T., 220 B'way
Hazen, Allen, 220 B'way
Heerdegen, Jno., 44 B'way
Hering & Fuller (Consulting), 170 B'way
Hill, Nicholas S., Jr. (Consulting), 100 William
Hydraulic Construction Co., 1 B'way
Leavitt, Chas. W., Jr., 15 Cortlandt
MUNICIPAL ENGINEERING CO. (Consulting), 41 Wall. (See adv. index, end of book)
O'Rourke, Jno., 21 Park row
Paine, Geo. H., 32 Park pl
Phillips & Worthington, 11 B'way
Potter, Alex., 143 Liberty
Reid, Thornburn, 136 Liberty
Sanderson & Porter (Consulting), 52 William
Tingley, Richard H. Co., 29 B'way
Titus, Warren H., 3 Union sq, W
Tribus, Louis L., 84 Warren
Vermeule, Cornelius C., 203 B'way
Wallace, Jos. H. (Consulting), 5 Beekman
Waring, Chapman & Farquhar, 874 B'way
White, W. Henry, 62 Wall
Williams & Whitman, Fuller bldg
NIAGARA FALLS—Johnson, Wallace C.
McCulloch, Walter .
NORTH TONAWANDA—Barrally & Snow
POUGHKEEPSIE—Brevoort, B. H., 54 Market
ROCHESTER—Kuichling, Emil (Consulting), 209 N Clinton av
ROME—Knight & Hopkins
Stanwix Engineering Co.
SYRACUSE—Beach, Henry T., City Hall
Hodgkins, H. C., Kirk bldg
TROY—Cary & Roemer, Times bldg
Hicks, C. E., 567 2d av
Ricketts, Palmer C., 17 1st
UTICA—Babcock, Stephen E.
Horton, Robt. E.
WHITE PLAINS—Brynes & Darling
YONKERS—Christian, G. L.
Gould, E. Sherman

NORTH CAROLINA.

CHARLOTTE—Black, Fingal C.
ENGINEERING CO. OF AMERICA (Inc.) (Consulting, Superintending & Contracting), Piedmont bldg. (See adv. index, end of book)
Knox, H. E.
WINSTON—Ludlow, J. L.

OHIO.

BELLEFONTAINE—Ginn & Fisher
CINCINNATI—Bouscaren, G., City Hall
Layman, E. F., 32 E 3d
Rugg, J. K. & Co., 340 Main
CLEVELAND—Ritchie, Jas., Cham. of Com. bldg
COLUMBUS—Snyder, Frank, 23 E State
Taft, J. A., 23 E State
GREENVILLE—Lucas, C. O.
MIDDLETOWN—Monjeau, C.
TOLEDO—Cook, J. D., Law bldg
Oakley, Frank T., The Spitzer
Riggs & Sherman (Consulting), The Nasby

OREGON.

PORTLAND—Cunningham, J. H., 610 Chamber of Commerce

PENNSYLVANIA.

BRYN MAWR—Garrigues, Samuel M.
EASTON—Folwell, A. Prescott
JOHNSTOWN—Wilson & Kuhn
NEW CASTLE—Woods, F. R.
PHILADELPHIA—Adams & Schwab (Consulting), 42 Walnut
Albright, Chester E., 908 Land Title bldg
Cooper, Dyer, 614 N 3d

Dallett, W. P., 49 N. 7th
Darrach, Chas. G., 625 Walnut
Fisher, Wager, Crozer bldg
Haupt & Franklin, Crozer bldg
Loss, H. V., North Am bldg
Murphy, Howard, 260 S 3d
Sellers, Coleman, 1301 Stephen Girard bldg
Young, Jos. H., Crozer bldg
PITTSBURG—Schinneller, Jacob, 516 Market
Taylor, S. A., Schmidt bldg
Wilkins, Wm. Clyde, Westinghouse bldg
READING—Dechant, Wm. H., 536 Penn
POTTSTOWN—Sands, Horatio, 245 Beach
POTTSVILLE—Clements, Frank G.
WILKINSBURG—Harlow, J. H. & Co., 701 Wood

RHODE ISLAND.

NEWPORT—Waring, Chapman & Farquhar
PROVIDENCE—Artesian Well Supply Co., 180 Eddy
Chase, Chas. F., 75 Westminster
Gray, Samuel M., Banigan bldg
Sarle, O'Perry, 146 Westminster
Shedd & Sarle (Consulting)
Tingley, R. H., 75 Westminster
Weston, Edmund L., 86 Weybosset

SOUTH CAROLINA.

SPARTANBURG—Ladshaw & Ladshaw

SOUTH DAKOTA.

MADISON—Smythe, W. R.

TENNESSEE.

NASHVILLE—Schuerman & Brown

TEXAS.

AUSTIN—McDonald, John & Sons, 706 Colorado
FT WORTH—Hall Bros.

UTAH.

SALT LAKE CITY—Hardesty, W. P., Progress bldg
Stevenson, C. L., Atlas blk

VERMONT.

BURLINGTON—Lang & Goodhue Mfg. Co. (also Contractors for Waterworks)

WASHINGTON.

SEATTLE—Bogart-Bates Co., Pacific blk
Cassel Automatic Motor Co., D. H. Bank bldg
TACOMA—Hawks, A. McL.

WISCONSIN.

APPLETON—O'Keefe & Orbison, Engineering & Consulting Co.
Pride, Chas.
BARABOO—Kirshoffer, W. C.
BELOIT—Wheeler, W. H. & Co.

Engineers Marine.

(See Architects, Naval.)

Engineers (Mechanical)

(Star (*) indicates members of American Society of Mechincal Engineers. Home of the Society, 12 W 31st, N. Y. City. (See also Engineers, Electrical.)

ALABAMA.

AUBURN—*Wilmore, John J. (Prof.), Alabama Poly. Inst.
BIRMINGHAM—Alber & Byrne, 1909½ 1st av
Bell, Robt. R., 301 N 20th
Blakey, D. T., Hood bldg
ENGINEERING CO. OF AMERICA (Inc.) (Consulting, Superintending & Contracting), Steiner bldg. (Sec adv. index, end of book)
Haskell, A. W., 1916 Morris av
MOBILE—Hall, Chas. A.
SELMA—Peacock, G. H.
Peacock, W. R.
Thomas, W. W.

CALIFORNIA.

ANGELS CAMP—Purdy, E. H.
DUTCH FLAT—Short, Frank R.
HAYWARDS—*Clement, L. M.
LOS ANGELES—Abs-Hagan, Ernest (Consulting), Byrne bldg
Brett, Henry E. (Consulting), 114 N Spring
*Buchanan, A. W., 336 Macy
Catey, S. F., 105 E 1st
Cobb, Edw. (Consulting), 603 S Main
Lines & Baldwin, 206 Wilcox bldg
Western Electric Works, 334 S Main
Wood, S. O., Stimson bldg
NEVADA CITY—Tompkins, O. A., Union
PASADENA—*Land, Frank, 710 So Orange Gve av
SAN FRANCISCO—Abraham, B. P., 623 Howard
Ayres Engineering Works, 315 Mission
Birch, F. C., 519 Mission
Birch, W. W., 519 Mission
*Behr, Hans C., 320 Sansome
Chodzko, A. E., 519 Mission
Christie, Hy. P., 193 Fremont
Christie, Robert, 193 Fremont
Cobb, Edw. S., 126 Kearney
Connor & Grant, Safe Deposit bldg
Consumers' Electric Ass'n, 524 Sutter
Cory, C. L. (Consulting), 331 Pine
Cummings, Geo. & Co., 18 Fell
*Dickie, Geo. W. (Mgr.), Union Iron Works 222 Market
*Doble, Robt. McF. (Consulting), Rialto bldg
*Eckart, W. R. (Consulting), Nevada blk
Eckart, Wm. R., Jr., Nevada blk
Etienne & Dillenburg, 223 Main
Evans, C. H. & Co., 181 Fremont
Gray, J. A. Co., 215 Mission
Hemenway & Miller, Hearst bldg
Herche Bros., 519 Mission
Hewitt, Wm. A., Jr., 24 1st
Hindes, Stetson G., 330 Market
Holman, Wm. L., 210 Fremont
Hopps & Ransom, 330 Market
Hough, Edw. S., 12 Front
*Hunt, Andrew M. (Consulting), 331 Pine
Kincaid & Co., Hearst bldg
Lochhead, Robt., 307 1st
Ludlow, Jas. T., 330 Market
McKenzie, Jas. D., Nevada blk
*Martin, J. J., 635 Lyon
Mcakin, Wm., 622 Commercial
Monteverde, F. E., 306 Pine
Moore, Chas. C. & Co., 32 1st
Moore, Lewis W., 34 1st
*Moore, R. S. (Supt.), Risdon Iron Works,
Newhall, Wm. B., Hayward bldg
Osborne, D. J., 309 California
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Lombard, Nathan C. (Eng. & Patent Solicitor), 40 State
Lombard, Walter E. (Eng. & Draughtsman), 7 Water
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Manson, Daniel E. (Consulting), 53 State
Miller & Franklin Co. (Production Engineers), 131 Devonshire
*Moultrop, I. E., 516 Atlantic av
*Nordland, Lawrence, 7 Water
*Peabody, Cecil H. (Prof. Marine Engrg. & Naval Architecture), 491 Boylston
Pray, Thomas, Jr. (Consulting, Steam & Electric Power & Tests), 164 Federal
Rice, David, 87 Milk
Robinson, H. S. (Consulting), 60 State
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Sheaff & Jaastad (Consulting), 85 Water
Shearman, Geo. W. (Consulting) 50 State
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Snow & Humphreys (Consulting), 85 Water
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Steele, Herbert B. (Consulting), 12 Pearl
*Stone, Joseph, 53 State
*Thomas, Edw. G., 4 State
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Warner, R. L., 53 State
Webber, Wm. O. (Consulting), 53 State
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*Bates, E. C., 38 Upland rd
*Hirt, L. J., Grove c. South
*Smart, Rich. A., 683 Wash'n

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Lombard, N. C., 40 State
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*Meilen, E. D., 1590 Mass. av
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Hart, O. W., 151 Rock
*Henry, Wm. T., 30 Borden blk
Marveil, Edw. J., 29 Bedford
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Griffin, Chas., 245 Market
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*Leitch, Meridith (Consulting)
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Dugar, Edelbert, 54 Harmon
*Jones, Forrest R. (Prof. of Drawing & Mach. Design), Worcester Poly. Inst.
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*Cooley, M. E. (Prof. Mech'l Engr.), Univ. of Mich.
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Weil & Shaw, Union Trust bldg
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Jessen, Jas., Northwestern bldg
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Bendit Mercantile Eng. Co., 105 N 7th
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Boyce, W. D. Engineering Co., 721 Olive
Branch, Jos. G., Holland bldg
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Dilion, Edw. L., 211 N 7th
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Flad, Edw. (Consulting), Fulierton bldg
Ford, Owen, 319 N 4th
Freeman, S. E. (Consulting), 4629 Wash'n boul
Furrell, Edw. W. (Consulting), 721 Olive
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Gebhart & Dean, 105 N 7th
Guest, W. Wollastan, 220 N 4th
Gurley Eng. Co., Burlington bldg
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Haydock, D. W., 5975 Cote Brilliante av
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Lucas & Co. (Patents), 620 Chestnut
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Wells, Semer G. (Mechl. Expert & Patent Attorney), 705 Olive
Wheeler, H. A., Olive, ne cor 8th
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MISSOULA—Westcott, Arthur L. (Prof. Mech'l

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Gillet, A. F.
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*Tompkins, Sam'l D. (Pres.), Smoothon Mfg. Co., 547 Communipaw av
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Hickok, H. Addison, 762 Broad
*Jacobi, Albert W., 286 S 6th
Lockwood, Chas. S., 289 Market
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Seymour, Jas. M. Jr., 43 Lawrence
Taylor, Percy B. (Consulting), 122 Market
*Weston, Edw., 114 William
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NEWTON—Kunkle, Andrew H.
ORANGE—Bulkley, Henry W., 128 Harrison
*Edison, Thos. A.
*Herter, Emil (Chf. Draughtsman), Edison Laboratory
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*Hibbard, H. Wade (Prin. of Graduate School of Ry. Mech'l Engrg.), Sibley College, Cornell University
*Reid, Jno. S. (Instr. in Mech'l Drawing & Design), Sibley College, Cornell University
*Rites, Francis M., 64 W Buffalo
*Ryan, Harris J. (Prof. Elec'l Engrg.), Sibley College, Cornell University
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*Bourne, Frank, 26 Cortlandt
*Bowman, A. L. (Consulting), 29 B'way
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Brinckerhoff, H. W., 45 B'way
Bronder, G. A., 36 Whitehall
Brooks, Jas. E. (Consulting), 45 B'way
*Bulkley, Henry W., 141 B'way
Burlorn, Edwin, 71 Wall
Bushnell, D. S., 26 B'way
*Butcher, Jos. J., 621 W 152nd
*Cahoon, Jas. B. (Consulting), 35 Nassau
*Cary, Albert A. (Consulting), 95 Liberty
*Cassier, Louis (Editor Cassier's Magazine), 3 W 29th
*Cathcart, W. L. (Adj. Prof.), Columbia University
*Cattell, Wm. A. (Consulting), 52 B'way
*Chandler, I. A., 56 E 59th
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Engstrom, Alex H. (Consulting & Designing, Electric Traction, Water Powers & Long Transmission), Bullitt bldg
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Gifford, C. H. & Co., 135 N 3d
*Gill, John L. Jr., 204 S 3rd
Granger, A. D. Co., Stephen Girard bldg
Grantham, H. T., Real Est. Trust bldg
Haig, Andrew H., 2254 N 17th
*Hall, W. E., 2645 N Darien
*Hand, Francis L., City Hall
*Hartman, John M., 1235 N Front
Head, Francis C., 109 W Chelten av, Btn.
Healey, Frank F. (Consulting), Drexel bldg
Henry, Frank W., Odd Fellows' Temple
Herr, Homer A. (Consulting), 441 Chestnut
*Herrick, J. . (Consulting, Open-Hearth Furnaces, etc.), Mutual Life bldg
Hess & Barker, 605 Sansom
Hettinger, C. F. & Co., Hale bldg
Hollar Lock Inspection & Guaranty Co., Phila. B'k bldg
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Holt & Schober (Consulting, Refrigerating, Mill & Power Plants), Provident bldg
Howard Fdry. & Mach. Co., Lansdowne, Del. Co., Pa.
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*Jones, Wash'n., 1632 N 15th
Keller, Pike & Co., 112 N. 12th
Keyser, Lester C., 116 S 6th
Keystone Eng. & Cons. Co., Land Title bldg
Klein, Chas. C. (Consulting), 2850 N Marshall
*Ladd, Jas. B. (Consulting), Real Estate Trust bldg
*Lemoine, Louis R., 911 Land Title bldg
Leng, Chas. W. (Valve Adjustments, Tests of Boilers, etc.), 1556 E Montg'y av
Link Belt Eng. Co., Hunting Park av n P. & R. Rwy.
*Loss, Heinrik V. (Consulting), North Am. bldg
Ludlow Rodney & Alden, Girard bldg
Merritt & Co., 1024 to 1028 Ridge av
Mickle, R. T., Drexel bldg
*Mirkil, Thos. H., Jr. (Supt.), F. & M. Southwark Co., 400 Wash'n av
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Moulton, Hamilton L. (Also Mill Engineer), 34 Rockland, Gtn
*Muckle, M. R., Jr., & Co. (Consulting), Stephen Girard bldg
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Quimby Eng. Co., 913 Ridge av
Rein, Edw. A., 2900 Fletcher
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Rudolph, Wm. F., 302 W Broad
Rumsey, Eugene A., 1211 Filbert
Ryan, Thos. J., 429 Fulton
Ruwell, Wm. F., 721 Noble
*Schaum & Uhlinger, Glenwood av & 2d
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Schiller, F. & Co., 323 N 3d
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Wood, W. K., Girard bldg
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Laughlin, Alex. & Co. (Eng. & Contractors), Lewis blk
Lee. Thos. B., 7th av & Fountain
Little, Rich'd D., Carnegie bldg
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*Lane, J. S., 227 Wyoming av
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*Beardsley, Arthur (Emeritis Prof. of Engrg.), Swarthmore College

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*Du Villard, Henry A., 173 George
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Whipple, Eugene B. (Consulting), 75 Westminster
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Lane, C. R., 350 Elm
Young & Heintz, 181 Elm
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Cameron-Tennant Machine Works, 2404 E Main
Coffee, R. W. & Sons (Inc.), 906 E Cary
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*Delaney, Alex. (Supt.), Pumping Machy.), Richmond Water Works
Ferguson, Wm. G., North end 7th
Frazier, Harry, 1102 E Main
Myers, Finney & Morrison (Consulting, Power, Lighting, etc.)
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Wentworth, Charles C., 18 Day av, S W
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McAllaster, E. L., Pioneer bldg.
Pacific Heat & Power Co., Starr-Boyd bldg
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WISCONSIN.

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*Hirshheimer, Harry J. (V. P.), La Crosse Plow Co.
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*Jackson, D. C. (Prof. Elect'l Engrg.), Univ. of Wis.
*Mack, John G. D., 609 Lake
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Cloos, Jacob ("Consulting," Complete Pr. Plants, Construction, etc.) 307 Grand av
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*Conway, Geo. M., 10 Belvidere blk
*Johnson, Warren S. (Mgr.), Johnson Elect'l Service Co., Milwaukee Club
*Tribe, Jas., 106 Farwell av
OSHKOSH—Rogers, W. H., 42 Saratoga

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Buss, Edward A., 85 Water, Boston, Mass.
Colller & Brown, Empire bldg., Boston Mass.
Cramer, Stewart W., Charlotte, N. C.
Davis, Seymour, 907 Walnut, Philadelphia, Pa.
Dean & Main, 53 State, Boston, Mass.
Dickinson, M. H. & C. S., Real Estate Trust bldg, Philadelphia, Pa.
Drown, F. E., 84 Elm, Pawtucket, R. I.
Dyer, David H. & Son, 7 Pocasset Bank bldg, Fall River, Mass.
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Gray, Arthur F., R 932,, 53 State, Boston, Mass.
Green, Samuel, Main st., Holyoke, Mass.
Griffin, Chas., 121 S Walker, Lowell, Mass.
Hall, Clifton A., 307 Broad, Providence, R. I.
Hall & Kimball (Rubber & Paper Mills, etc.), 101 Tremont, Boston, Mass.
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Herrick, H. A., Pawtucket, R. I.
Hill, Nathaniel, 228 Worthen, Lowell, Mass.
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Makepeace, C. R. & Co., 429 Butler Ex., Providence, R. I.
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Moore & Smith, Worcester, Mass.
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Sheldon, Frank P. & Co., 49 Westminster, Providence, R. I.
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Tower, D. H. & Son, Dalton, Mass.
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Walker, A. F., Austell bldg, Atlanta, Ga.
Wallace, Jos. H., 5 Beekman, N. Y.
Washburn, A. H., Charlotte, N. C.
Whaley, W. B. Smith & Co., Tremont bldg, Boston, Mass., & Columbus, S. C.
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Engineers (Modernizing)

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Alvord, John W., Hartford bldg, Chicago, Ill.
Ashley, Burton J., 184 La Selle, Chicago, Ill.
Bacterial Sewer Purification Co., 149 B'way, New York

Bauer, Jacob Louis, 68 Bible House, New York
Beach, Henry T., City Hall, Syracuse, N. Y.
Bell & Mellulsh, Eagle blk, Bloomington, Ill.
Bouscaren, G., City Hall, Cinn., O.
Bowditch, Ernest W., 60 Devonshire, Boston, Mass.
Bradbury, E. G., 85 N High, Columbus, O.
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Burns & McDonnell, Postal Telegraph bldg, Kansas City, Mo.
Cameron, Septic Tank Co., 812 Monadnock blk
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Cary & Roemer, Times bldg, N. Y.
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COLE, JOHN A., 1585 Old Colony bldg, Chicago, Ill.
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Croes, J. Jas. R., 68 Broad, N. Y.
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Darrach, Chas. G., 625 Walnut, Phila, Pa.
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Dudley, Arthur, 936 Elm, Manchester, N. H.
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Folwell, A. Prescott, Easton, Pa.
Force, John P., Dispatch-Butler bldg, Columbus, O.
Fuertes, Jas. H., 140 Nassau, N. Y.
Fuller, Frank L., 12 Pearl, Boston, Mass.
Fuller, Geo. W., 170 B'way, New York
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Gay, Frank A., 832 Elm, Manchester, N. H.
Gerhard, Wm. P., 33 Union sq W., N. Y.
Goss, C. G. H., Martinville, Ind.
Gray, Saml. M., Banigan bldg, Providence, R. I.
Guthrie & Diehl, Ellicott sq, Buffalo, N. Y.
Hawes, Louis E., Tremont bldg, Boston
Hazen, Allen, St. Paul bldg., New York
Henry, Francis M., Lumber Ex., Minneapolis,
Hering & Fuller (Sewerage & Sewage Disposal), 170 B'way, New York
Hill, Geo., 100 B'way, New York
Hill, John W., Glenn bldg, Cinn., O.
Hill, Quick & Allen, Equitable bldg, Baltimore, Md.
Howe & Lovell, Equitable bldg, Memphis, Tenn.
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Jeup & Moore, Indiana Trust bldg, Indianapolis, Ind.
Kiersted, Wynkoop, Water Works bldg, Kansas City, Mo.
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Longyear, Orson C. (Consulting), Kingston, N. Y.
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McClintock, Jno. N., 89 State, Boston
McClintock & Woodfall, 15 Court sq, Boston, Mass.
McMurray, Eugene A., 22 Clinton, Newark, N.J.
McQuistion Bros., Butler, Pa.
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Merrill, Geo. N. & Co., 292 Main, Springfield, Mass.
Meyers, Chas. B., 1 Union sq. W., N. Y.
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Morgan, W. & Co., 330 Market, San Francisco, Cal.
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Optenberg & Sonneman, Sheboygan, Wis.
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Potter, Alex., 143 Liberty, New York
Rafter, Geo. W., Rochester, N. Y.
Rice, Jno. A., 79 Milk, Boston
Rice, Walter P., Engineering Co., Soc. for Sav. bldg, Cleveland, O.
Riggs & Sherman (Consulting), The Nasby, Toledo, O.
Rosewater, Andw., 401 City Hall, Omaha, Neb.
Schwaab, Chas. L., 53 W 39th, N. Y.
Shields, W. S., Marquette bldg, Chicago, Ill.
Snow & Barbour (Consulting), 1120 Tremont bldg, Boston, Mass., & 85 N High, Columbus, O.
Snyder, Frank, Columbus, O.
Stanley, H. J., City Hall, Cinn., O.
Stewart, Jas. A., Traction bldg, Cincinnati, O.
Stickney, G. F., Paducah, Ky.
Strong, Abner D., Ashtabula, O.
Strong, Wilson B., Atlanta bldg, Washington, D. C.
Thomson, T. N. (Consulting), Scranton, Pa.
Titus, Warren H., 3 Union sq, N. Y.
Todd, Hugh, 146 Spring, Los Angeles, Cal.
Trainor, John, Builders' Ex. bldg, Baltimore, Md.
Van Emburgh, H. C., Plainfield, N. J.
Vermeule, Cornelius C., 203 B'way, N. Y.
Wade, Frank E., Sheldon, Ia.
Wardle & Yeager, Cedar Rapids, Iowa
Waring, Chapman & Farquhar, 874 B'way, New York
Warriner, Thos. R., Cedar Rapids, Ind.
Webster, Albert L., 82-88 Wall, New York
Weddell, J. E., Mansfield, O.
Weston, Edmund B., 86 Weybosset, Providence, R. I.
Wheeler, Wm., 14 Beacon, Boston, Mass.
Whittet, Bartlett & Co., 59 Main, Buffalo, N. Y.
Williams & Whitman, Fuller bldg., New York
Wilkins, Wm. Clyde, Westinghouse bldg, Pittsburg, Pa.
Wilson, Harris, & Richards, Drexel bldg, Phila., Pa.
Wingate, Chas. F., 253 W B'way, New York
Winters, Edw. E. (Sewage Disposal), Bensen bldg, Albany, N. Y.
Wise & Watson, Passaic Nat'l Bank bldg, Passaic, N. J., & Rutherford, N. J.
Witmer, J. F., 2 Chapin blk, Buffalo, N. Y.
Woodbridge, S. Homer (Inc.), 120 Tremont, Boston, Mass.
Wood, Frank W., Monadnock blk, Chicago, Ill.
Woods, A. R., New Castle, Pa.

Engineers' Supplies, Etc.

(See the following lists below.)

(Firms classed as manufacturers are preceded by either of the following marks * †; see also

Alarms, Low Water
Babbitt Metal
Bearings, various kinds.
Belt appliances.
Belting, various kinds.
Boiler compounds.
Boiler Flue and Tube Cleaners.
Clutches, Friction.
Cocks, various kinds.
Cotton and Wool Waste.
Boilers (Steam)
Boilers (Water Tube)
Controllers, various kinds.
Ejectors, Jet Pumps, etc.
Engines, various kinds.
Filters, oil.
Gauges, various kinds.
Gears, various kinds.
Governors, various kinds.
Grate Bars.
Hangers, various kinds.
Indicators, Speed.
Indicators, Steam Engine, etc.
Injectors.
Lubricating compounds.
Lubricating Oils & Greases.
Lubricators, various kinds.
Oil and Grease Cups.
Oilers, various kinds.
Packing, various kinds.
Pipe and Boiler Coverings, various kinds.
Planimeters.
Power Transmitting Machinery.
Pulleys, various kinds. (Clutch).
Regulators, various kinds.
Separators, various kinds.
Steam Fitters' Supplies.
Traps, Steam.
Valves, various kinds.
Water Columns.
Whistles, various kinds.
Wrenches, Engineers', etc.

ALABAMA.

ANNISTON—Anniston Supply Co.
BIRMINGHAM—Mayberry Hdw. Co., 1821 1st av
Milner & Kittig Co., 2 S 20th
Moore & Handley Hdw. Co., 2012 Powell av
Yates, J. A. & Co., 18 S 20th

ARKANSAS.

CAMDEN—Brown & Bro.

CALIFORNIA.

LOS ANGELES—Crane Co., 126 N Los Angeles
FAIRBANKS, MORSE & CO., 136 Los Angeles. (See adv. index, end of book)
Frese, A., 126 S Spring
Pacific Coast Mfg. Co., 126 Los Angeles
REDDING—Redding Iron Works
SAN BERNARDINE—Cooley, Geo. M.
SAN FRANCISCO—Atlas Pipe Wrench Co., Flood bldg
Bay City Engineering & Supply Co., 322 Howard
Crandall Packing Co., 31 Main
Crane Co., 25 1st
FAIRBANKS, MORSE & CO., 310 Market. (See adv. index, end of book)
Jones, W. A., 52 2d
Marwedel, C. W., 58 1st
Pacific Tool & Supply Co., 100 1st
Pickthall, M. & Co., 107 Fremont
Read, Edw. B., 131 1st

COLORADO.

DENVER—Denver Engineer Supply Co., 1429 Curtis
FAIRBANKS, MORSE & CO., 1600 17th. (See adv. index, end of book)
Garlock Packing Co., 1713 Wazee
Reilly, C. J., 1425 Curtis
Stearns-Roger Mfg. Co., 1718 California

CONNECTICUT.

BRIDGEPORT—Bridgeport Steam Heating Co., 618 Water
HARTFORD—Andrews & Creedon, 446 Asylum
Knox, Frank J., 2 S Ann
Pickering, W. H. & Co., 110 Commerce
MERIDEN—Cashen, Wm. B.
NEW HAVEN—Foskett & Bishop Co., Grand & R. R. avs
NEW LONDON—Darrow & Comstock, 114 Bank
NORWICH—Brown, Robt., 55 W Main

DELAWARE.

DOVER—Forbes & Forbes
WILMINGTON—Delaware Electric & Supply Co.
Shaw, Benj. F. Co.
Speakman Supply & Pipe Co.

DISTRICT OF COLUMBIA.

WASHINGTON—Howard, Henry J. M., 113 4 1-2, S. W.
Somerville, Thos. & Sons, 316 13th, N. W.

FLORIDA.

JACKSONVILLE—Bond & Bours Co.
Florida Hdw. Co.
PENSACOLA—Avery, A. M.

GEORGIA.

ATLANTA—Atlanta Supply Co., 29 S Forsyth
Beck & Gregg Hdw. Co., 70 Marietta
Cotton States Belting & Supply Co., 9 S Broad
Graton & Knight Mfg. Co., 93 S Forsyth
King Hdw. Co., 53 Peachtree
Southern Belting Co., 40 S Forsyth

AUGUSTA—Lombard Iron Works & Supply Co.
MACON—Schofield, J. S. Sons Co.
SAVANNAH—Palmer Hdw. Co., 9 N Jeff'n
Rourke, Jno. & Sons, 634 E Bay

ILLINOIS.

AURORA—Hoyt & Bro. Co.
BLOOMINGTON—Keiser, Van Leer Co.
Loudon, Robt.
CAIRO—Reed, Jas. B.
CHICAGO—Advance Packing & Supply Co., 55 S Canal
Allen, W. D. Mfg. Co., 151 Lake.
Allis-Chalmers Co., Home Ins. bldg
*American Steam Gauge & Valve Mfg. Co., 16 N Canal
ASHCROFT MFG. CO., THE, 22, 24 & 26 S Canal
*Ashton Valve Co., 160 Lake
Banner, Thos. B., 57 Kinzie
CARPENTER, GEO. B. & CO., 202 S Water. (See adv. index, end of book)
Chicago Engineer Supply Co., 112 Lake.
Cleave, Jos., 5217 Lake av
Clow, Jas. B. & Sons, 344 Franklin
CRANE CO., 10 N Jefferson. (See adv. index, end of book)
Crosby Steam Gage & Valve Co., 21 W Lake
*Davis, Geo. M. Regulator Co., 100 N Clinton
*Davis, Jno. Co., 22d & Halsted
FAIRBANKS, MORSE & CO., Franklin & Monroe. (See adv. index, edn of book)
HANCOCK INSPIRATOR CO., THE, 22, 24 & 26 S Canal
Harris, Saml. & Co., 23 S Clinton
HAYDEN & DERBY MFG. CO., The, 22, 24 & 26 S Canal
Henion & Hubbell, 63 N Jeff'n
Hennebohle, Frank, S Chicago & Erie avs
*Hills-McCanna Co., 59 N Wells
*Illinois Malleable Iron Co., 30 W Monroe
Lyon, Saml & Son, 8 N Canal
McCanna, Jno. F. Co., 246 N Wells
McCrea, Jas. & Co., 67 W Wash
McDonald, A. Y. Co., 111 Lake
McLeod Co., 75 Fulton
McMaster-Davis Supply Co., 160 E Lake
Machinists' Supply Co., 16 S Canal
MANNING, MAXWELL & MOORE 22, 24, 26 S Canal. (See adv. index, end of book)
Marsh, Jas. P. & Co., 224 Wash'n
Moffett Bearing Co., 86 Ohio
†**MONASH-YOUNKER CO., 201 S** Canal. (See adv. index, end of book)
Nugent, Wm. W. & Co., 18 W Randolph
*Ohio Injector Co., Monadnock blk
*Powers Regulator Co., 34 Dearborn
Seehausen, Wehrs & Co., 11 S Canal
Sorge, A., Jr., & Co., Monadnock blk
Swadkins, S. A., 143 Fulton
Trench, D. E. & Co., 42 River
Van Auken Bros. Co., 40 Dearborn
Van Siclen, A. & Co., 8 S Canal
Walker & McClatchey, 1502 Monadnock bldg
Walsh, John F., 25 W Lake
†Western Engineers' Supply Co., 34 Canal
Western Kieley Steam Specialty Co., 40 Dearborn
Western Valve Co., 43 W Randolph
WHITMAN & BARNES MFG. CO., West Pullman. (See adv. index, end of book)
DECATUR—*Fairies Mfg. Co.
EL PASO—Haas, Peter
HOOPESTON—Sprague Canning Machinery Co.
PEORIA—Kinsey & Mahler Co.
Nailon Bros. Co., 310 Liberty
Peoria Belting Co., 717 S Adams
QUINCY—*Gardiner Governor Co.
Grimm, O. E. & Co., c 6th av & Hampshire
Modern Iron Works
Quincy Valve & Mfg. Co.
SPRINGFIELD—Aetna Foundry & Machine Co.

INDIANA.

COLUMBUS—Keller, C. M. & Co.
EVANSVILLE—Anchor Supply Co., 122 U. Water
Tardy, Frank, 112 U. Water
FT. WAYNE—Ft. Wayne Oil & Supply Co.
Hattersley, A. & Sons, 46 Main
GREENSBURG—Meek & Wooden
INDIANAPOLIS—**FAIRBANKS, MORSE** & CO., 140 S. Meridian. (See adv. index, end of book)
Knight & Jillson, 121 S Penn
Taylor & Smith, 247 S Meridian
KNIGHTSTOWN—Parker & Albertson
LOGANSPORT—Bridge City Construction Co., Biddle's Island
MACY—Cleland, A. P.
PRINCETON—Maddocks & Herschell
TERRE HAUTE—Watson's. D. W. Sons Co.

IOWA.

BURLINGTON—Ewinger, H. Plumbing & Heating Co.
Murray Iron Works
CEDAR RAPIDS—Carmody, J. T., c 4th & 12th av
Fawcett, C. E., 309 S 2d
CLINTON—Star Boiler Works
DAVENPORT—Davenport Htg. & Plbg. Co.
DES MOINES—Capital City Plumbing Co., Grand av, c 9th
Des Moines Mfg. & Supply Co., 121 E Court av
Globe Machinery & Supply Co., 414 W Court av
Iowa Machinery & Supply Co., 317 Court av
DUBUQUE—McDonald, A. Y. & Morrison Mfg Co.
ELDORA—Brown Bros.
LAKE MILLS—Opdahl, Jno.
MARSHALLTOWN—Shorthill, A. E. & Co.
MASON CITY—Hathorn Foundry & Machine Co.
OTTUMWA—McDaniel, C. E.
SIOUX CITY—Crane Co., 816 4th
WATERLOO—Waterloo Mfg. Co.

KENTUCKY.

ASHLAND—Henderson, Thos. & Son
LOUISVILLE—Ahrens & Ott Mfg. So., 325 W Main
FAIRBANKS, MORSE & CO., 519 Main. (See adv. index, end of book)
Grainger & Co., 131 10th
Laib Co., 153 5th
OWENSBORO—Guenther, Harry & Bro.

LOUISIANA.

NEW ORLEANS—Fairbanks Co., 610 Canal
Haubtman & Loeb Co., 222 S Peters
Payne & Joubert, 423 Carondelet
SHREVEPORT—Henderson, W. K. Iron Works

MAINE.

LEWISTON—Carman-Thompson Co.
PORTLAND—Barbour, J. & E. R., 8 Exchange
Dunton-Chenery Co., 80 Union
Gerrish, J. J. Supply Co.

MARYLAND.

BALTIMORE—Adt, Jno. B., 332 N Holliday
Aumen & Garrett, 102 South
Basshor, Thos. C. & Co., 28 Light
Bolton Bros., 418 E Pratt
Bowling & Simpson, 22 S Calvert
Brown, Jno. & Sons, 722 E Pratt
Carey Machinery & Supply Co., 117 S Fremont
Central Metal & Supply Co., 606 E Lombard
Crook, Horner & Co., 301 N Howard
Cuyler & Mohler, 2324 Boston
Fairbanks Co., 19 Light
Jordan Supply Co., 125 South
McMeikan, Robt. & Son, 805 Light
†Mallory, Jeremiah D., 22 Light
Murrill & Keizel, 204 N Holliday
Patterson Mfg. Co., 17 S Frederick
Regester's, J. Sons Co., Holliday c Saratoga
Reuter, Chas., Son & Co., Equitable bldg
Spedden Supply Co., 913 S B'way
Stebbins, Wallace & Sons, Charles & Lombard
Stuart & Miller, 207 McElderry's Wharf
Wallace & Gale, 432 E Pratt

MASSACHUSETTS.

BOSTON—*American Steam Gauge & Valve Mfg. Co., 208 Camden
Anderson, G. P., 73 Oliver
*Ashton Valve Co., 271 Franklin
*Chapman Valve Mfg. Co., 94 Pearl
Chesterton, A. W. & Co., 64 India
Claflin, Chas. A. & Co., 188 Franklin
*Crosby Steam Gage & Valve Co., 95 Oliver
Cunningham, J. H. Co., 269 Congress
*D'Este, Julian Co., 24 Canal
Earnshaw Mfg. Co., 164 Federal
*Exeter Machine Works, 30 Oliver
Fairbanks Co., 44 Pearl
Ferdinand, L. W. & Co., 152 Federal
Fitts, Frank E., Mfg. & Supply Co., 88 Purchase
Gallison, Wm. H. Co., 36 Oliver
***HANCOCK INSPIRATOR CO., THE,** 1 Watson
Hoey, Thos. Supply & Mfg. Co., 401 Atlantic av
*Jacobs, C. & Co., 51 Oliver
Jarvis Engineering Co., 61 Oliver
McLaughlin, Geo. G. Mfg. Co., 812 E 6th
MANNING, MAXWELL & MOORE, 126 Oliver. (See adv. index, end of book)
*Mason Regulator Co., 158 Summer
Morse, Tenney & Co., 129 Pearl
Morton, A. M. & Co., 25 Wash'n
Morrison, W. A., 34 Oliver
*Page Lubricator Co., 45 Milk
Russell, J. H. & Co., 214 Milk
Star Brass Mfg. Co., 108 E Dedham
Stillman & Carmichael, 19 Pearl
*Walworth Mfg. Co., 132 Federal
BROCKTON—Churchill & Washburn, 11 Crescent
LAWRENCE—*Watts, Jos. B.
LYNN—Howe, Oliver R., 50 Central sq
Trefethen, F. L., 7 Central av
NEW BEDFORD—Babbitt, Wood & Co.
New Bedford Boiler & Machine Co.
PEABODY—Little, Geo. H.
PITTSFIELD—Dutton, Frank W., 44 West
SALEM—*Locke Regulator Co.
SPRINGFIELD—Selvey-Wyckoff Co.
WORCESTER—Braman, Dow & Co., 7 Wash'n
Burlingame, A. & Co., 22 Cypress
Union Water Meter Co., 31 Hermon
Washburn & Garfield Mfg. Co.

MICHIGAN.

ALPENA—Kline, Lewis T.
CHEBOYGAN—Blake, H. A.
DETROIT—*American Injector Co., 7th & Congress
Anderson, Kenneth, 35 Atwater, E.
Detroit Engineers Supply Co., 15 Woodward av
*Detroit Lubricator Co., Hodges bldg
*Detroit Ship Building Co. (Brass Dept.), 72 Orleans
FAIRBANKS, MORSE & CO., 89 Jefferson. (See adv. index, end of book)
Gardner Elevator Co., c River & 21st
Harvey, A. Sons Mfg. Co., 22 1st
Jones Automatic Low Water Alarm Co., 612 23rd
*Michigan Brass & Iron Works, M. C. C. R. Junction Yards, W. D.
Muzzy-Lyon Co., 56 Woodward av
*Penberthy Injector Co., c 7th & Abbott
Roe, J. A. Co., 12 Atwater E
Sales & Broad Co., 86 Jeff'n av
U. S. Heater Co., 251 Campbell av
Wain, Chas. E. & Co., 9 Jeff'n av
Walker, Jas. & Son, 43 Jeff'n' av
Wing, J. T. & Co., 19 Woodward av
GRAND RAPIDS—Ferguson-Marcellus Co.
Grand Rapids Supply Co., 20 Pearl
Studley & Barclay, 4 Monroe
Weatherby & Pulte, 99 Pearl
HOWELL—Jewett, Chas. G.
JACKSON—Holton & Weatherwax, 325 Liberty
LANSING—Lansing Boiler & Engine Works
Michigan Supply Co.

MINNESOTA.

MINNEAPOLIS—Engineering & Steam Supplies Co., 227 S 3d
FAIRBANKS, MORSE & CO., 220 Nicollet av. (See adv. index, end of book)
Gilmore-Rollins Co., 515 S 3d
Plumbers' & Steam Fitters' Supply Co., 212 N 1st
ST. PAUL—Brown, Treacy & Sperry Co., 140 E 3rd
Crane & Ordway Co., 316 S 3rd
FAIRBANKS, MORSE & CO., 234 E 3d. (See adv. index, end of book)
Robinson & Cary Co., 4th c Wacouta
Rugg, H. P. & Co., 363 Jackson
Western Supply Co., 348 Wacouta

MISSISSIPPI.

MERIDIAN—Meridian Mills Supply Co.

MISSOURI.

CARTHAGE—Bliss, G.
Brinkley, W. W. & Son
CHILLICOTHE—Way, Frank, Foundry & Machine Co.
JOPLIN—Freeman, J. W.
KANSAS CITY—Architects & Engineers' Supply Co., 1011 Walnut
Crane Co., 1328 W 11th
English Iron Works Co., 410 W 5th
FAIRBANKS, MORSE & CO., 1217 Union av. (See adv. index, end of book)
Lewis Supply Co., 1225 W 10th
Liggett, J. W. & Son, Main & Delaware
Reeves Supply Co., 1008 Grand av
U. S. Water & Steam Supply Co., 1311 W 12th
Young, Wm. B. Supply Co., 216 Delaware av
LOUISIANA—Parsons, J. W.
MOBERLY—Faessler, J. Mfg. Co.
NEOSHO—Rogers, J. A.
ROCKVILLE—Meyer & Walker
ST. JOSEPH—Horigan Supply Co., 209 S 4th
Lewis Supply Co., 115 S 4th
McCord Rubber Co., 104 N 3rd
ST. LOUIS—Buck, M. M. Mfg. Co., 212 N 3d
Cahill, Swift Mfg. Co., 20 S 12th
*Crane Co., 1213 Locust
Cullen & Stock Heating & Ventilating Co., 1101 N 2d
FAIRBANKS, MORSE & CO., 8th c Clark av. (See adv. index, end of book)
Flower, Walter L. & Co., Chemical Bk. bldg
Hazzard, A. B., 615 N 2nd
Johnson, Moses P. Machinery Co., 715 N 2d
Kingsland Mfg. Co., 1521 N 11th
Nelson, N. O. Mfg. Co., 8th & St. Charles
Powell Co., 400 N 2nd
Pratt, D. W., 618 N 3d
Rumsey, L. M. Mfg. Co., 806 N 2d
Rumsey & Sikemeier Co., 1900 Pine
Sweeney, Jas. Copper & Brass Co., 415 N 3d
*Western Iron & Supply Co., 938 N 2d
SEDALIA—Sedalia Foundry & Machine Works

MONTANA.

ANACONDA—Anaconda Copper Mining Co.
BUTTE—Anaconda Copper Mining Co.
Montana Hdw. Co.
Western Iron Works
HELENA—Holter, A. M. Hdw. Co., 113 N Main

NEBRASKA.

LINCOLN—Smith, R. L. Machine Works
OMAHA—Crane Co., 1014 Douglass
FAIRBANKS, MORSE & CO., 1102 Farnam. (See adv. index, end of book)
Lehmer, Jos. R., 313 S 13th
Nebraska Plumbing & Supply Co., 1316 Douglass
U. S. Supply Co., 1108 Harney

NEW HAMPSHIRE.

LANCASTER—Thompson Mfg. Co.
MANCHESTER—Manchester Heating & Lighting Co.

NEW JERSEY.

ELIZABETH—Elizabeth Hdw. Co., 202 Broad
JERSEY CITY—Perkins, A. L., 283 Warren
Underhill, Jarvis F., 49 Hudson
NEWARK—Banister & Pollard, 206 Market
*Foster Engineering Co., 107 Monroe
Gray, Robert, Jr., 190 Market
Macknet & Doremus, 796 Broad
Murray, Wm. & Co., 180 Mulberry
Roe & Conover, 208 Market
Stainsby Oil Co., 881 Broad
PATERSON—Doremus & Snyder
Van Winkle, J.A. Co.
TRENTON—Warren, Balderston & Co., 116 S Broad

NEW YORK.

ALBANY—*Albany Steam Trap Co., 60 Church
Fairbanks Co., 364 B'way
Stoneman, M. G. & Son, 55 Quay
Wallen, Wm., 81 Chapel
AMSTERDAM—Gardiner, E. Watson
BINGHAMTON—Gaylord & Eitapenc Co.
Hoffman Lubricator & Oil Co.
BROOKLYN—(See N. Y. city, Borough of Brooklyn)
BUFFALO—Baker, Howard H. & Co., 20 Terrace
Bean, Schemerhorn & Co., 69 Main
Buffalo Engineering Co., Erie Co. Bk. bldg
Case, W. A. & Son, 31 Main
Dixon & Ballou, c Carroll & Ellicott
Fairbanks Co., 210 Main
Fries & Co., 89 Main
Hamill, D. L., 60 Delaware av
Learmouth, Robt., White bldg
McCutcheon, C. H., 18 Ohio
Plumbers' & Steam Fitters' Supply Co., 81 Wells
Queen City Engineering Co., Perry & Mississippi
Ruckel, J. H. & Co., 81 Main
Ruger, J. W. Mfg. Co., c Chicago & Perry
Schaefer & Co., 226 Ellicott
*Sherwood Mfg. Co., 34 Wash'n
Walbridge & Co., 392 Main
Whittet, Barrett & Co., 59 Main
ELMIRA—Swift Lubricator Co.
JAMESTOWN—Clark Hdw. Co., 109 Main
Nichols, Benj. & Son
MALONE—Hinds, Thos.
NEWBURGH—Delany, P. & Co.
Smith, Wm. L.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Birkett, Wm. H., 68 Myrtle av
Curtin, Wm. H., 331 Adams
Delaney, Thos. M. & Co., 144 Flatbush av
Jacobs, Geo. B., 276 S 9th
Kiley, Thos. W. & Co., 57 Grand
Knight, Thos. G., 359 Pearl
McElraevy & Hauck Co., 488 B'way
Phillips, Doup Co., 56 Pearl
Purvis & Shelton, 241 Plymouth
Wilfert, John & Co., 490 B'wick av

Boroughs of Manhattan & Bronx.

NEW YORK—Aller, A., 47 Dey
*American Steam Gauge & Valve Mfg. Co., 26 Cortlandt
***ASHCROFT MFG. CO., THE, 85,** 87 & 89 Liberty
*Ashton Valve Co., 110 Liberty
Automatic Supply Co., 23 South
Beals, H. H. (Mfrs.' Agt.), 51 Cliff
Beggs, Jas. & Co., 109 Liberty
*Bristol Co., 114 Liberty
Brown, A. H., 1777 Bway
Burtis, Jas. M., 52 John
Bushnell, Jno. S. Co., 120 Liberty
*Chapman Valve Mfg. Co., 28 Platt
*Consolidated Safety Valve Co., 85 Liberty
***CRANE CO., 490 Cherry.** (See adv. index, end of book)
Creamer Steam Specialties Co., 13 Park Row
*Crosby Steam Gage & Valve Co., 78 John
Dame & Townsend Co., 76 John
Dienst, A. P. & Co., 3d av & 140th
Dimmock & Fink Co., 220 E 125th
Donegan & Swift, 6 Murray
Du Bois, F. N. & Co., 247 9th av
*Eaton, Cole & Burnham Co., 253 B'way
Fairbanks Co., 186 Elm
FAIRBANKS, MORSE & CO., 133 Liberty. (See adv. index, end of book)
George, E. & Co., 28 South
Giaunini, G. W., 437 W 42nd
Gibbons, Jno. V. & Bros., 178 Wash'n
Hall Mfg. Co., 62 Cliff
Hancock Inspirator Co., The, 85, 87 & 89 Liberty
Hankin, Jno. & Bro., 121 E 13th
***HAYDEN & DERBY MFG. CO.,** The, 85, 87 & 89 Liberty
*Hohmann & Maurer Mfg. Co., 85 Chambers
Hoppe, Paul F., 34 Church
Hull, Camp & Co., 127 Worth
HUMBERT, J. S., 111 Cedar
Hussey, McCann & Co., 37 Dey
Keane, Paul G., 102 Fulton
Keating, Edw. F. (est.), 452 Water
*Kelly & Jones Co., 15 Park Row
*Kennedy Valve Mfg. Co., 57 Beekman
*Kieley & Mueller, 11 W 13th
Leonard & McCoy, 161 Wash'n
Lippincott, Alpheus C., 126 Liberty
***LUNKENHEIMER CO., 26 Cortlandt.** (See adv. index, end of book)
McCoy, Henry J. (Mfrs.' Agt.), 65 Dey
McLellan, W. L., 322 7th av
*McNab & Harlin Mfg. Co., 56 John
MANNING, MAXWELL & MOORE 85, 87, 89 Liberty. (See adv. index, end of book)
Marine Mfg. & Supply Co., 158 South
Meyer, Albert, 88 John
***MONASH-YOUNKER CO., 43 Centre.** (See adv. index, end of book)
*Nason Mfg. Co., 71 Beekman
*Nathan Mfg. Co., 92 Liberty
Nelson Valve Co., 136 Liberty
Olney & Warrin, 36 Dey
Pancoast, Rogers & Richards, 28 Platt
Patterson, Gottfried & Hunter, 146 Centre
Pershall, D. B., 369 3d av
Pollock, Alex., 203 West
Reilly, Jas. Repair & Supply Co., 229 West
Roberts, Geo. I. & Bros., 471 4th av
*Robertson, Jas. L. & Sons, 204 Fulton
Russell, W. A. & Co., 89 Centre
Rutzler, E., 178 Centre
SIMMONS, JNO. CO., 110 Centre
Spear & Tietjen Supply Co., 85 West
*Standard Steam Specialty Co., 542 W B'way
Standard Supplies Co., 123 Liberty
Thompson, Richd. & Co., 126 Liberty
*Thorpe, Platt & Co., 97 Cedar
Urquhart's, John S. Son & Co., 46 Cortlandt
Utica Steam Gauge Co., 123 Liberty
*Van Vechten & Sattler, 44 Dey
Wallace, Geo. J., Jr., 206 E 57th
*Walworth Mfg. Co., 15 Park Row
Waterbury, C. L., 47 E 18th
WHITMAN & BARNES MFG. CO., 111 Chambers. (See adv. index, end of book)
Wilson, O. C. & K. R., 89 West
Wolff, Chas., 102 Cedar
Zaubitz, August, 48 Centre

(END OF NEW YORK CITY.)

OGDENSBURG—Nash Bros. & Co.
OSWEGO—Oswego Tool Co.
PEEKSKILL—Naylor Bros.
POUGHKEEPSIE—Doherty, P. C., 112 Main
ROCHESTER—Davis, W. P. Machine Co., 130 Mill
*Hohmann & Maurer Mfg. Co., 29 Elizabeth
Howe & Bassett, 25 Stillson
Sloan, Sam'l & Co., 24 Exchange
SYRACUSE—Bates, Edw. P., 228 W Water
McClure, R. C., 329 S Clinton
Syracuse Supply Co., 314 W Fayette
Whitman & Barnes Mfg. Co., 216 Wyoming
TONAWANDA—Nice & Henkley
TROY—Aird-Don Co., 415 River
Ross Valve Co.
Warren, J. M. & Co., 245 River
UTICA—Millar, Chas. & Son Co.
Utica Steam Gauge Co.
WATERTOWN—Hunting Co.
Watertown Thermometer Co.
Weekes, Jno. & Son.

NORTH CAROLINA.

CHARLOTTE—Charlotte Supply Co.
General Fire Extinguisher Co.
HENDERSON—O'Neill, Maurice J.

OHIO.

AKRON—**WHITMAN & BARNES MFG. Co.** (See adv. index, end of book)
CADIZ—Ward, W. G.
CANTON—Canton Hdw. Co.
CINCINNATI—Bell, Thos. J. & Co., 242 E 5th
Bradford Belting Co., Walnut & 2d
Central Brass Works, 322 W Pearl
Consolidated Boat Store Co., 222 E Front
Crane-Hawley Co., Sycamore, Court & Canal sts.
FAIRBANKS, MORSE & CO., 307 Walnut. (See adv. index, end of book)
Globe Supply Co., Pike blk
Gregg, A. F., 807 Elm
Hollingsworth, W. T., P. O. B.,696
Kearney, Jno. & Co., 328 New
Kelly, Thos. M. & Co., 328 New
Kinsey, E. A. Co., 331 W 4th

***LUNKENHEIMER CO., 213 E 8th** (See adv. index, end of book)
McGowan, Jno. H. Co., 54 Central av
†Nuhring, Chas., 907 Walnut
†Pickering Hdw. Co., 5th c Main
Powell, Wm., Co., 2525 Spg. Grove av
†Queen City Supply Co., Pearl & Elm
Reigler-Hauck Co., 322 W Pearl
†Sharp, Jos. Belting & Supply Co., 457 E Front
Stewart, Sam'l B., 238 E 3d
†Thompson, Walter M., 835 W 5th
Wooley, Wm. J. Co., 222 E 9th
CLEVELAND—Bingham, W., Co., 146 Water
Cleveland Steam Fitting & Supply Co., 1082 Hamilton
*Cleveland Steam Gauge Co., 106 Merwin
Cleveland Tool & Supply Co., 8 S Water
*Crescent Mfg. Co., 24 Center
FAIRBANKS, MORSE & CO., 99 Water. (See adv. index, end of book)
*Farnan Brass Works, 25 Center
Forest City Brass Works, 90 Merwin
McIntosh-Huntingdon Co., 116 Superior
MANNING, MAXWELL & MOORE Williamson bldg. (See adv. index, end of book)
Pattison, W. M. Supply Co., 277 St. Clair
*Reliance Gauge Column Co., 70 E Prospect
STRONG, CARLISLE & HAMMOND Co., 61 Frankfort. (See adv. index, end of book)
Wellman-Seaver-Morgan Engineering Co., New England bldg
COLUMBUS—Andrews & Barnes, 45 W Broad
Capital City Machine Works, Spring & Water
Columbus Mill & Mine Supply Co., 121 S High
Columbus Supply Co., 161 N High
Miller, W. H. Co., 31 W Broad
Potts, Benj. D., 33 E Spring
DAYTON—Dayton Supply Co.
Patterson Tool & Supply Co.
Potts Machinery & Supply Co.
Weed & Co.
FREMONT—June, D. & Co.
MANSFIELD—Ohio Brass Co.
MARION—Marion Supply & Oil Co.
STUBENVILLE—Irwin, Jas. A.
TOLEDO—Grasswiller, J. F. Supply Co.
Dale, Elmer E. Supply Co.
Hardy & Dischinger
Toledo Supply Co., 148 Summit
U. S. Pump & Supply Co.
WADSWORTH—Ohio Injector Co.

OREGON.

PORTLAND—Arthur, J. M. & Co., 40 1st
Christenson Machinery Co., E Water & Taylor
Corbett, Failing & Robertson, 84 Front
CRANE CO., 30 2nd. (See adv. index, end of book)
FAIRBANKS, MORSE & CO., 1st & Stark. (See adv. index, end of book)
Gauld & Kline, 44 1st

PENNSYLVANIA.

ALLENTOWN—Taylor, Wm. H. & Co., 254 Hamilton
ALTOONA—Standard Supply & Equipment Co.
CHESTER—Berry Engineering Co., 610 Crosby
CORRY—Ajax Iron Works
ERIE—*Dietly, P. W., c 13th & Peach
*Erie Mfg. & Supply Co., 1207 Peach
*Hays Mfg. Co., 11 W 11th
*Jarecki Mfg. Co.
*Watson, N. A., c 16th & State
HARRISBURG—Mather, Edmund
HAZLETON—Hazleton Machinery & Supply Co.
HOLLIDAYSBURG—McLanahan Stone Machine Co.
LANCASTER—Arnold, Jno. L.
LEBANON—Kranse, Geo. & Co.
NEW CASTLE—Dickson & Co.
Smith, C. E. Hdw. Co.
NORRISTOWN—Streeper, D. H., 150 W Main
PHILADELPHIA—Anner, Wm., 57 N 2nd
*Belfield, H. & Co., 435 N Broad
Best Mfg. Co., Betz bldg
Bickerton, Thos. B., 12 N 5th
Bond, Chas., 520 Arch
Brogan & Co., 810 Race
Brown, Edw., 311 Walnut
Collom & Ansell, 1305 Arch
CRANE CO., 220 S 5th (See adv index, end of book)
Davis & Bryan, Arcade bldg
Dilks, Frank W., 535 Arch
*Eynon-Evans Mfg. Co., 15th & Clearfield
Fairbanks Co., 701 Arch
Field's, Chas. J. Sons (Jobbers), 633 Market
Garlock Packing Co., 604 Arch
Gifford, C. H. & Co., 135 N 3rd
Goldner, Herman, 156 Lehigh av
*Griffiths, Jas. A. (Injectors, etc.), 500 N 12th
Gwillam, Jas. R., 115 N 6th
Haines, Wm. S. & Co., 18th & Hamilton
Halyburton, G., Jr., 217 Walnut
Houghton, E. F. & Co., American, c Somerset
Huyette, Paul B., Betz bldg
Jenkins Bros., 133 N 7th
Kessel, H. A. C., 12 N Delaware av
*Keystone Engine & Machine Works, Drexel bldg
Keystone Lubricating Co., 20th, c Allegheny av
†Lane, R. D. & Co., 28 N 5th
*Lonergan, J. E. & Co., 211 Race
Magee, H. L. & Co., Front, c Lehigh av
Maneely, John, 309 Arch
MANNING, MAXWELL & MOORE, 721 Arch. (See adv. index, end of book)
Mulconroy Co. (Inc.), 1213 Market
Penn. Engineering Co., 312 Cherry
Powell & Maddock, 40 N 6th
*Rue Mfg. Co., 215 Race
Sellers, Wm. & Co. (Inc.), 1600 Hamilton
Skipton, Valentine Co., 2321 N 30th
Smith, Jas. & Co. (Inc.), 421 Race
Spaulding & Metcalf, 532 Arch
*Watson & McDaniel Co., 146 N 7th
Webb, Elisha & Son, 43 S Water
Young, A. Z., Arcade bldg
PITTSBURG—Bailey-Farrell Mfg. Co., 619 Smithfield
Baird Machinery Co., 123 Water
Bonar, Jas. & Co., Frick bldg
Fairbanks Co., 238 3d av
Frick & Lindsay Co., 109 Wood
Jarecki Mfg. Co., 1005 Liberty av
*Kelly & Jones Co., 315 1st av
MANNING, MAXWELL & MOORE, Park bldg. (See adv. index, end of book)
*Mansfield Mfg. Co., 57 1st av
Pittsburg Gage & Supply Co., 309 Water
Scully Belting & Supply Co., 301 Wood
Turner, Chas. A., 14 Market
POTTSTOWN—Fegely, J. & Son
POTTSVILLE—Bright & Co.
Esterly, D. L. Sons
Thompson, L. C.
READING—Bright & Co., 504 Penn
Connard, Henry, 6th & Chestnut
Greth Machine Works, 620 Franklin
ST. CLAIR—Quirin, John & Co.
SCRANTON—Scott, Chas. B., 119 Franklin av
Scranton Supply & Machinery Co., 131 Wyoming av
SHARON—Fruit, Ohl & Co.
WILKESBARRE—Penn Supply Co.
WILLIAMSPORT—Engineers' Supply Co.
Moltz, Jacob J.

RHODE ISLAND.

PROVIDENCE—Conlin, J. C., 47 Wash
Cruickshank Engine Co., 286 Dyer
R. I. Supply & Engineering Co., 156 W Exchange
Winsor, Ira & Co., 169 Dorrance

SOUTH CAROLINA.

CHARLESTON—Bailey-Lebby Co., 213 Meeting
Cameron-Barkley Co., 160 Meeting
Valk & Murdock Iron Works
SPARTANSBURG—Charlotte Supply Co.
Spartansburg Machinery Co.

TENNESSEE.

Jackson—Southern Engine & Boiler Works (Inc.)
MEMPHIS—Bailey, J. A. & Co., 336 2d
Brown & Borum Co., 254 2d
Chickasaw Iron Works, 98 2d
Lee Bros., 292 Front
NASHVILLE—Fall, J. H. & Co.
Gray & Dudley Hdw. Co.
Keith, Simmons & Co.

TEXAS.

DALLAS—Wolf, B. F. & Co., 175 Main
GALVESTON—Bennison, Saml., 2006 Mechanic
HOUSTON—Heitmann, F. W. Co.

UTAH.

OGDEN—Lowe, Geo. A. & Co.
SALT LAKE CITY—**FAIRBANKS, MORSE** & CO., 218 S W Temple. (See adv. index, end of book)
Silver Bros. Iron Works Co.

VERMONT.

RUTLAND—Holmes, J. H. & Co.
WHITE RIVER JUNCTION—Nott, H. L.

VIRGINIA.

ALEXANDRIA—Atchison J. & H.
NORFOLK—Mayer & Co.
RICHMOND—Bargamin, G. & A. Co., 14 S 9th
McGraw, Jas., 1440 E Main
Watkins-Cottrell Co., 1311 E Main

WASHINGTON.

SEATTLE—Engineers' Supply Co., 110 R R av
Hambach, A. Co., 305 1st av S
Moore, Chas. C & Co., 218 S 2nd av
Moran Bros. Co.
Puget Sound Machinery Depot, R R av e Washn
Vulcan Iron Works Co., R R av nr Charles
SPOKANE—Barnard-Syphers Machinery Co.
Bradley Engineering & Machinery Co.
Holley, Mason, Marks & Co.
Moran Bros. Co.
Russell & Co.
Spokane Hardware Co.
TACOMA—Hunt & Mottet Co., 1501 Pacific av
Keith, P. R. & Co., Bernice bldg
Washington Hardware Co., 928 Pacific av
Washington Machinery Depot, 1924 Pacific av

WEST VIRGINIA.

CHARLESTON—Burlew, N. S.
Charleston Hdw. Co.
FAIRMONT—Donnally, A. H.
MOUNDSVILLE—Smith, R. M.

WISCONSIN.

SHEBOYGAN—Koepsel, J. J. Hdw. Co.
Kohler, J. M. Sons Co.
MILWAUKEE—Allis-Chalmers Co., Clinton, opp Park
Hoffman & Billings Mfg. Co., 96 2nd
Milwaukee Valve Co., 871 Robinson av
Mooers, H. Co., 112 2d
Packard, O. L., Machinery Co., 133 W Water
Rom, Robert Co., 142 2d
Rundle-Spence Mfg. Co., 63 2d
Wadhams Oil & Grease Co., 211 National av
Windsor Mfg. Co., 570 Clinton

Engineers & Contractors for Complete Power Plants.

(See also Electrical Contractors marked thus *; also Engines, Steam.)

ALABAMA.

BIRMINGHAM—Hardle-Tynes Mfg. Co.

ARKANSAS.

LITTLE ROCK—Wehrfritz, E. C., Machinery & Supply Co.

CALIFORNIA.

LOS ANGELES—**FAIRBANKS, MORSE &** CO., 136 Los Angeles. (See adv. index, end of book)

SAN FRANCISCO—Double-Abner Co., 200 Fremont
FAIRBANKS, MORSE & CO., 310 Market. (See adv. index, end of book)
Henshaw, Bulkley & Co., c Fremont & Mission
Moore, Chas. C. & Co., 32 1st
Tracy Engineering Co., 151 Fremont
United Engineering Works, 252 Spear

COLORADO.

DENVER—**FAIRBANKS, MORSE & CO.,** 1600 17th. (See adv. index, end of book)
Mine & Smelter Supply Co., Blake & 17th

CONNECTICUT.

WATERBURY—New England Engineering Co.

ILLINOIS.

BLOOMINGTON—Keiser-Van Leer Co.
CHICAGO—Allis-Chalmers Co., Home Ins. bldg,
Badt, F. B. & Co., Monadnock blk
Dixon, Geo. E. Co., 64 W Monroe
FAIRBANKS, MORSE & CO., cor Franklin & Monroe. (See adv. index, end of book)
Kohler Brothers (Light & Power), Fisher bldg
Maginn & Bradley Co., 74 W Lake
Mechanical Equipment Co., Fisher bldg.
Phoenix Iron Works Co., 337 "The Rookery"
Prentice, L. H. Co., 24 Sherman
Sargent & Lundy, 46 E Van Buren
Westinghouse, Church, Kerr & Co., 171 La Salle
DECATUR—Leader Mfg. Co.
JOLIET—Bates Machine Co.
SPRINGFIELD—Ide, A. L. & Sons

INDIANA.

FT. WAYNE—Bass Foundry & Machine Co.
INDIANAPOLIS—**FAIRBANKS, MORSE** & Co., 140 S Meridian. (See adv. index, end of book)
Nordyke & Marmon Co. (For Flour Mills, etc.)
RICHMOND—Richmond City Mill Works

IOWA.

BURLINGTON—Murray Iron Works Co.
SIOUX CITY—Thompson, W. M. Co.

KANSAS.

TOPEKA—Bromich, Jos.

KENTUCKY.

COVINGTON—Houston, Stanwood & Gamble Co.
LOUISVILLE—**FAIRBANKS, MORSE &** CO., 519 Main. (See adv. index, page 1200.)
McWilliams, Jos. & Co.

MAINE.

BANGOR—Union Iron Works.
DEXTER—Fay & Scott.
LEWISTON—Carman-Thompson Co.

MARYLAND.

BALTIMORE—Basshor, Thos. C. Co., 28 Light
Ellicott Machine Co., Bush & Severn
Meyer, Henry H., 110 S Howard
Poole, R. & Son Co., 233 E German
Stebbins, Wallace & Sons, Charles & Lombard
CUMBERLAND—McKaig, Merwin

MASSACHUSETTS.

BOSTON—Braman, Dow & Co., 239 Causeway
Houghton, J. H., 77 Oliver
Jarvis Engineering Co., 61 Oliver
Kendrick Bros., 166 Devonshire
Roberts, Jas. H. & Co., 135 Portland
Walworth Construction & Supply Co., 100 Pearl
Westinghouse, Church, Kerr & Co., 131 State
BROCKTON—Churchill & Washburn, 11 Crescent
BROOKLINE—Kendrick Bros., 214 Wash'n
FALL RIVER—Fall River Steam & Gas Pipe Co.
FITCHBURG—Fitchburg Steam Engine Co.
HAVERHILL—Mills & McClintock
LAWRENCE—Rutter, W. F. & Co.
LOWELL—Middlesex Machine Co., 12 Merrimack sq
QUINCY—Fore River Ship & Engine Co.
WORCESTER—Burlingame, A. Co., 22 Cypress

MICHIGAN.

DETROIT—**FAIRBANKS, MORSE & CO.,** 89 Jefferson. (See adv. index, end of book)
Westinghouse, Church, Kerr & Co., Union Trust bldg
Wormer, C. C., Machinery Co., 99 W Woodbridge
Wray-Austin Machinery Co., 171 Woodbridge

MINNESOTA.

MINNEAPOLIS—**FAIRBANKS, MORSE &** CO., 220 Nicollet av. (See adv. index, end of book)
Harris Machinery Co., 1015 Wash av S E
MINNEAPOLIS STEEL & MACHinery Co. (See adv. index, end of book)
ST. PAUL—**FAIRBANKS, MORSE &** Co., 234 E 3d. (See adv. index, end of book)
Northwestern Electric Co., 135 E 5th
Robertson, J. G., Manhattan bldg
STILLWATER—Bronson, N. J.

MISSOURI.

KANSAS CITY—**FAIRBANKS, MORSE &** CO., 1217 Union av. (See adv. index, end of book)
ST. LOUIS—**FAIRBANKS, MORSE &** CO., 8th & Clark av. (See adv. index, end of book)
Fritsch, A. F., Foundry & Machine Co., 216 Gratiot
Johnson, W. C. & Sons, 503 N 2nd
Miller & Brockman, 214 Lucas av
Sodemann Heat & Power Co., 1510 Clark av

NEBRASKA.

OMAHA—**FAIRBANKS, MORSE & CO.,** 1102 Farnam. (See adv. index, end of book)
Power Installation Co., 202 Main

NEW HAMPSHIRE.

LANCASTER—Thompson Mfg. Co.

NEW JERSEY.

NEWARK—Hewes & Phillips Iron Works
Watts-Campbell Co.

NEW YORK.

ALBANY—Winters, Edw. E., Bensen bldg
BINGHAMTON—Shapley & Wells Main
BUFFALO—Alberger, J. L. & Son, Ellicott bldg
Buffalo Engineering Co., Erie County Bk. bldg
ELMIRA—Payne Co.
NEWBURGH—Coldwell-Wilcox Co.
Newburgh Ice Machine & Engine Co.

NEW YORK CITY.

Borough of Brooklyn

BROOKLYN—Ward & Upright Engineering Co., 41 York
Wilfert, Jno. & Co., 490 Bushwick av

Boroughs of Manhattan & Bronx

NEW YORK—Beacon Contracting & Construction Co., 280 B'way
Beggs, Jas. & Co., 109 Liberty
Bellman & Sanford, 149 B'way
Blake & Williams, 211 W 20th
Cooke Machinery Co., 110 Liberty
Curran, Jas. Mfg. Co., 512 W 36th
Evans, Almirall & Co., 281 Water
FAIRBANKS, MORSE & CO., 133 Liberty. (See adv. index, end of book)
Francis Bros. & Jellett (Inc.), (Steam & Electric), 47 E 18th
General Supply & Construction Co., 24 State
Gibbons, Jno. V., 133 Greenwich
Gillis & Geoghegan, 539 W Bway
Hampson, Edw. P. Co., 26 Cortlandt
Hiscox, W. T. & Co., 95 Liberty
Houston, Stanwood & Gamble, 39 Cortlandt
Kellogg & Alexander, 137 Dey
Loomis-Pettibone Co. (Gas Power Plants), 52 B'way
Macartney, McElroy & Co., 26 Cortlandt
Miller, John D., 39 Cortlandt
Mine & Smelter Supply Co., 139 Liberty
N. Y. Steam Fitting Co., 137 Elm
Payne Engineering Co., 141 Bway
Phoenix Iron Works Co., 15 Cortlandt
Pierce, Frank M., Engineering Co., 26 Cortlandt
Ruggles-Coles Engineering Co., 39 Cortlandt
Rutzler, E., 178 Centre
United Engineering & Contracting Co., 15 Park Row
Van Blarcom, C. W. & Co., 108 SFulton
Westinghouse, Church, Kerr & Co., 8 Bridge
Wilson & Roake, 261 Front
Wright, J. K., 136 Liberty
PAINTED POST—Imperial Engine Co.
PEEKSKILL—Anderson, Homer
TROY—Horan, J. J. & Co., 225 River

NORTH CAROLINA.

CHARLOTTE—Cramer, Stuart W. (Cotton Mills a Specialty)
Tompkins, D. A. Co.

OHIO.

AKRON—Wellman-Seaver-Morgan Co.
CINCINNATI—**FAIRBANKS, MORSE &** Co., 307 Walnut. (See adv. index, end of book)
Greenwald, I. & E. Co., 720 E Pearl
Rugg, J. K. & Co., 528 SWalnut
CLEVELAND—**FAIRBANKS, MORSE &** Co., 99 Water. (See adv. index, end of book)
Kaltenbach & Griess, Williamson bldg
DAYTON—Brownell & Co.
HAMILTON—Hooven, Owens & Rentschler Co.
MASSILLON—Heggem, A. G.
Russell & Co.
MT. VERNON—Cooper, C. & G. Co.
SALEM—Buckeye Engine Co.
TOLEDO—Shaw-Kendall Engineering Co., 3 S St. Clair

OREGON.

PORTLAND—**FAIRBANKS, MORSE &** 1st & Stark. (See adv. index, end of book)

PENNSYLVANIA.

ALLEGHENY—Bradley, C. H., Jr., & Co.
BRIDGEPORT—Wilkinson Mfg. Co.
CHESTER—Wetherill, Robert & Co.
CLARION—Magee, Jno. A. & Son
COATESVILLE—Coatesville Boiler Works

HARRISBURG—Harrisburg Foundry & Machine Works
Harrisburg Steam Heat & Power Co.
Mather, Edmund.
West Latrobe Foundry & Machine Works
LEBANON—Schmehl, S. S.
MEADVILLE—Phoenix Iron Works Co.
OIL CITY—National Transit Co.
PHILADELPHIA—Bain, Wm. G., Real Est Trust bldg
Baker Engine & Machine Co., 114 N 3rd
Burchfield, T. F. Co., Betz bldg
Coatesville Boiler Works, Fidelity bldg
Cox & Sons Co., 215 Race
D'Olier Engineering Co. (also Electric), 127 S 11th
Francis Bros. & Jellett (Inc.), (Steam & Electric, 245 N Broad
Frick, Horace E. Co., 715 St. James, below Walnut
Gifford, C. H. & Co., 135 N 3d
Globe Machine Works (Inc.), (Steam, Electric, etc.), 2009 Oxford, Fkd
Granger, A. D Co., Stephen Girard bldg
Healey & Co., Drexel bldg
Holt & Schober, Bourse bldg
Kensington Engine Works (Ltd.), Beach c E Berks
Muckle, M. R., Jr., & Co., Stephen Girard bldg
Penna. Iron Works Co., 52d & Lancaster av
Reilly & Fearon, 1162 N 3d
Toomey, F. J., 131 N 3rd
PITTSBURG—Dravo, Doyle & Co., Lewis blk,
Heyl & Patterson, 51 Water
Hyde Bros. & Co., Empire bldg
Iron City Engineering Co., Frick bldg
Pittsburg Engineering Co., Keystone bldg
Pittsburg Gage & Supply Co., 309 Water
Tygard Engineering Co., 2735 Liberty
Westinghouse, Church, Kerr & Co., Westinghouse bldg
READING—Boyer & Bro., 132 Church
Connard, Hy., 6th & Chestnut
Davies & Printz
Reading Scale & Machine Co.
SCOTTDALE—Kenney & Co.
SCRANTON—Allis-Chalmers Co.
WILLIAMSPORT—Keeler, E. Co. (Steam)
Moltz, Jacob J.
Valley Iron Works (Steam)
YORK—Broomell, Schmidt, Steacy & Co. (Inc.)
York Engineering Co.

RHODE ISLAND.

PROVIDENCE—General Fire Extinguisher Co.

SOUTH CAROLINA.

CHARLESTON—Bailey-Lebby Co.

TENNESSEE.

MEMPHIS—Browne & Borum Co.
NASHVILLE—Nashville Machine Co.

TEXAS.

DALLAS—Briggs Machinery & Supply Co.
EL PASO—Mine & Smelter Supply Co., 101 Elm

UTAH.

SALT LAKE CITY—**FAIRBANKS, MORSE** & CO., 218 S W Temple. (See adv. index, end of book)
Mine & Smelter Supply Co.

VIRGINIA.

NORFOLK—Porter, McNeal Co.
RICHMOND—Electric Construction Co. of Va., 8 S 9th

WASHINGTON.

SEATTLE—Hallidie-Henshaw-Buckley Co.
Moore, Chas & Co.

WEST VIRGINIA.

CHARLESTON—South Side Foundry & Machine Works

WISCONSIN.

EAU CLAIRE—Hobbs, W. H.
MANITOWOC—Richards Iron Works
MILWAUKEE—Allis-Chalmers Co., Clinton c Park
FILER & STOWELL CO., Becker & Ziemer. (See adv. index, end of book)
Grotenrath, Fred, 111 W Water
Packard, O. L. Machinery Co., 135 W Water
VILTER MFG. CO., 1046 Clinton. (See adv. index, end of book)
Wisconsin Machinery & Mfg. Co., S Canal nr Muskego av
Yale, H. P., & Co., 90 W Water
STEVENS POINT—Cook, R. A.
WAUSAU—Murray, D. J. Mfg. Co.

Engines

NOTE—In order to avoid duplications when addressing Engine Mfrs., address "Engines (Steam)" and Engines (Gas and Gasoline) only, as all other Engine Lists are duplications of the above.

(Under this heading see the following sub-classifications.)

Engines, Artesian Well.
Engines, Automatic.
Engines, Automobile.
Engines, Beating.
Engines, Blast Furnace.
Engines, Blowing.
Engines, Chemical.
Engines, Corliss.
Engines, Deep Well Pumping.
Engines, Direct Connected.
Engines, Drawbridge.
Engines, for Motor Vehicles.
Engines, Gas or Gasoline.
Engines, Haulage.
Engines, Hoisting.
Engines, Hoisting, Gas & Gasoline.
Engines, Logging.
Engines, Marine.
Engines, Marine, Gas & Gasoline.
Engines, Oil Burning.
Engines, Pneumatic Hoisting.
Engines, Portable.
Engines, Portable Hoisting.
Engines, Portable, on Wheels.
Engines, Pumping.
Engines, Reversing.
Engines, Rolling Mill.
Engines, Steam.
Engines, Traction.
Engines, Vertical.
Engines, Yacht.

Engines (Air)

Pilling-Kruse Air Engine Works (Stationery & Hoisting), Bucyrus, O.

Engines (Artesian Well)

(See Pumps, Artesian Well.)

Engines (Automatic)

See Engines (Steam) with the word "Automatic," etc., following name.

Engines (Automobile)

(See also Motors, Automobile)

American & British Mfg. Co., Providence, R. I., & Bridgeport, Conn.
Austin & Son (Gasoline), Grand Rapids, Mich.
Chandler & Taylor Co. (High Speed & Electric Lighting), Indianapolis, Ind.
Dasey, P. J. Co. (4 to 20 h. p.), Marine bldg, Chicago, Ill.
Gemmer Engine & Mfg. Co., Marion, Ind.
General Power Co., 81 Fulton, New York
Johnston Gasoline Motor Co. (Gasoline), Manchester, N. H.
Kilby Mfg. Co., 1319 Lake, Cleveland, O.
Keim, Jno. R. (Steam), Kensington av & Erie R. R., Buffalo, N. Y.
Kowalsky, J. (Gasoline), 3200 Penn av, Pittsburg, Pa.
Murray, W. B. (Gasoline), 1253 Miwaukee av, Chicago, Ill.
Rice, Jno. V., Jr., Co. (Gasoline), Bordentown, N. J.
Rochester Machine Tool Works, Rochester, N. Y.
Royal Equipment Co. ("Royal" Gasoline, 4-Cycle), Bridgeport, Conn.
Shaeffer-Bramley Co. (Gas), Lockport, N. Y.
STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria st, London, Eng. (See adv. index, end of book)
Trebert Auto & Marine Motor Co., Rochester, N. Y.

Engines (Blowing)

Allis-Chalmers Co. ("Reynolds," Horizontal or Vertical), New York Life bldg, Chicago, & 71 B'way, New York. Works, Chicago, Milwaukee, Wis., & Scranton, Pa.
American Ship Building Co., Cleveland, O.
Builders' Iron Foundry, Providence, R. I.
Brown Corliss Engine Co., Corliss, Wis.
d'Auria Pumping Engine Company, Rooms 941-943 Drexel bldg, Philadelphia, Pa.
MacBeth Iron Co., Cleveland, O.
Mesta Machine Co., Pittsburg, Pa.
MINNEAPOLIS STEEL & MACHINEry Co., Minneapolis, Minn. (See adv. index, end of book)
Morris, I. P. Co., cor Beach & Ball, Phila., Pa.
National Foundry & Machine Co., Louisville, Ky., & 149 B'way, N. Y.
Perrin, Wm. R. & Co., 1500 46th, Chicago, Ill.
Platt Iron Works Co., Dayton, O., & 93 Liberty, New York
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
Rartig, A. K., Engineering Co., Columbus, O.
Roots, P. H. & F. M. Co., Connersville, Ind., & 120 Liberty, New York
Snider-Hughes Co., Cleveland, O.
Southwark Foundry & Machine Co., Phila., Pa.
Tod, Wm. Co., Youngstown, O.
Weimer Machine Works Co. (30 to 2000 h p), Lebanon, Pa.
Wells, F. C. (Est. of), 116 S. Clinton, Chicago, Ill.
WESTINGHOUSE MACHINE CO., The, Pittsburg, Pa.

Engines (Chemical)

(See also Fire Engines (Chemical.)

Fire Extinguisher Mfg. Co. (The Champion), 331 S Desplaines, Chicago
Meyrose, F. Lamp & Mfg. Co., 735 S 4th, St. Louis, Mo.
Rumsey Pump & Mach. Co., Seneca Falls, N. Y.

Engines (Compressed Air)

Empire Engine & Motor Co. ("Hoisting," etc.), Orangeburg, N. Y.
Leyner, J. Geo. Engineering Works Co., Denver, Colo.
Pilling-Krause Air Engine Works, Bucyrus, O.
RAND DRILL CO. (For "Cranes," etc.), 128 B'way, New York, & Monadnock blk, Chicago, Ill. (See adv. index, end of book)

Engines (Compound)

Allis-Chalmers Co. ("Reynolds," Horizontal or Vertical, Tandem, Cross & Steeple, etc.), New York Life bldg, Chicago, & 71 B'way, New York
Erie City Iron Works (4-Valve Tandem), Erie, Pa.
Harrisburg Foundry & Machine Works (Single Cylinder, as well as Tandem & Cross Compound), Harrisburg, Pa.
MINNEAPOLIS STEEL & MACHINEry Co. (Vertical & Horizontal, Cross Compound & Tandem Compound, Condensing Corliss), Minneapolis, Minn. (See adv. index, end of book)

Engines (Corliss)

ALABAMA.

BIRMINGHAM—Hardle-Tynes Mfg. Co.

CALIFORNIA.

SAN FRANCISCO—Golden State & Miners' Iron Works
Union Iron Works (100 to 3,000 h. p.), 222 **Market**

CONNECTICUT.

BRIDGEPORT—American & British Mfg. Co.
NEW BRITAIN—New Britain Machine Co.

DELAWARE.

WILMINGTON—Remington Machine Co.

ILLINOIS.

CHICAGO—Allis-Chalmers Co. ("Reynolds"), New York Life bldg
Featherstone Foundry & Machine Co., 848 N Halsted
SULLIVAN MACHINERY CO., 7 Jackson boul. (See adv. index, end of book)
GALESBURG—Frost Mfg. Co. (30 to 900 h. p.)
JOLIET—Bates Machine Co. (20 to 600 h. p.)
LITCHFIELD—Litchfield Foundry & Machine Co.

INDIANA.

EVANSVILLE—Heilman Machine Works
FORT WAYNE—Bass Foundry & Machine Co. (Simple, Compound & Condensing, 50 to 2,000 h. p.)

IOWA.

BURLINGTON—Murray Iron Works Co.
DAVENPORT—Whitehead Machinery Co.

MASSACHUSETTS.

FITCHBURG—Brown, C. H. & Co.
Fitchburg Steam Engine Co.
WORCESTER—Burlingame, A. Co.

MICHIGAN.

BATTLE CREEK—Nichols & Shepard Co.
SAGINAW—Bartlett, A. F. & Co. (50 to 1000 h. p.)

MINNESOTA.

MINNEAPOLIS — **MINNEAPOLIS STEEL** & Machinery Co. ("Twin City"). (See adv. index, end of book)

MISSOURI.

KANSAS CITY—Strait, H. N. ("Monarch" Simple Compound, Horizontal & Vertical High Duty)
ST. LOUIS—Fulton Iron Wks (30 to 5000 h.p.)
St. Louis Iron & Machine Works (Single, Tandem & Cross Compound, Heavy Duty & Girder Frame, 50 to 3,000 h. p.), 126 Chouteau av
South St. Louis Foundry Co., 7514 S B'way

NEW HAMPSHIRE.

NASHUA—Rollins Engine Co.

NEW JERSEY.

NEWARK—Hewes & Phillips Iron Works (50 to 2000 h. p.)
Watts-Campbell Co. (40 to 1000 h. p.), 298 Ogden

NEW YORK.

ELMIRA—Payne Co. (100 to 300 h. p.)
FISHKILL-ON-THE-HUDSON—Fishkill Landing Machine Co. (25 to 1000 h. p.)
NEWBURGH—Abendroth & Root Mfg. Co.
Newburgh Ice Machine & Engine Co.
NEW YORK—Allis-Chalmers Co. ("Reynolds"), 71 B'way
Oil City Boiler Works (of Oil City, Pa.), 39 Cortlandt
York Mfg. Co. (Ltd.), (of York, Pa.), 11 B'way
TROY—Knowlson & Kelly (40 to 2000 h. p.), 90 River
WATERTOWN—Watertown Engine Co. (Simple, Compound & Triple Expansion), (300 to 1500 h p)

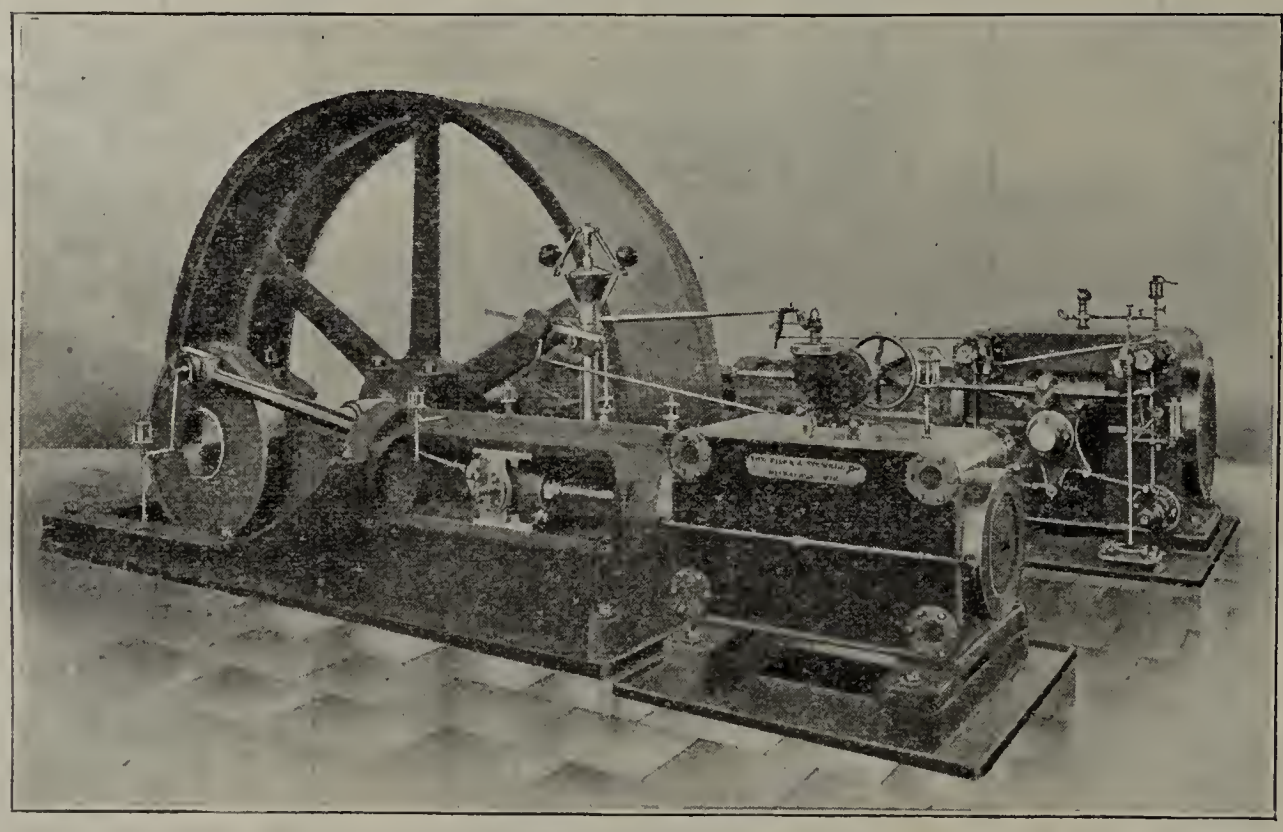
OHIO.

AKRON—Wellman-Seaver-Morgan Co. ("Akron," 30 to 2,000 h. p.)
CINCINNATI—Lane & Bodley Co. (50 to 1000 h. p.)
CLEVELAND—Lord-Bowler Co. (20 to 250 h. p.), 41 Centre
Wellman-Seaver-Morgan Co. ("Akron," 30 to 2,000 h. p.)
COLUMBUS—Rarig Engineering Co. (30 to 3,000 h. p.)
HAMILTON—Hooven, Owens & Rentschler Co. (30 to 3,000 h. p.)
MASSILLON—Russell & Co.
MOUNT VERNON—Cooper, C. & G. Co. (20 to 1200 h. p. Heavy duty)
YOUNGSTOWN—Tod, Wm. Co.
ZANESVILLE—Griffith & Wedge Co. (The Ohio)

THE FILER & STOWELL CO.,

MILWAUKEE, WIS., U. S. A.

Heavy Duty Corliss Engines



High Grade Saw Mill Machinery

"1900" HEAVY DUTY CORLISS ENGINE.

HOME OFFICE, MILWAUKEE, WIS.

Branch Sales Offices: PROVIDENCE, R. I.; CHICAGO, ILL.; DENVER, COLO.; LOS ANGELES, CAL.

PENNSYLVANIA.

CHESTER—Wetherill, Robt. & Co. (25 to 2000 h. p.)
ERIE—Ball Engine Co. (Horizontal & Vertical), 300 to 1200 h. p.)
HARRISBURG—Harrisburg Foundry & Machine Works ("Fleming," 4-Valve Automatic)
LEBANON—Weimer Machine Works Co.
OIL CITY—Oil City Boiler Works
PHILADELPHIA—Cox & Sons Co., 215 Race
Keystone Engine & Machine Works, Drexel bldg.
Pennsylvania Iron Works Co., 5011 Lancaster av
Phila. Engineering Works, c Mifflin & Meadow
PITTSBURG—Hogg, Geo. A., Iron & Steel Foundry Co. ("Aetna"), 24th & R. R.
Mesta Machine Co.
WESTINGHOUSE MACHINE CO., The, Westinghouse bldg
READING—Reading Iron Co.
SCRANTON—Allis-Chalmers Co. ("Reynolds")
WAYNESBORO—Frick Co.
YORK—York Mfg. Co. (Ltd.)

RHODE ISLAND.

PROVIDENCE—American & British Mfg. Co.
Harris, Wm. A. Steam Engine Co. (Cross & Compound Condensing & Triple Expansion, etc.)
Providence Engineering Works

TENNESSEE.

JACKSON—Southern Engine & Boiler Works (Inc.)

WISCONSIN.

CORLISS—Brown Corliss Engine Co. (Girder Frame & Heavy Duty up to 8000 h. p.)
MILWAUKEE—Allis-Chalmers Co.
FILER & STOWELL CO. (See adv. opp. page)
VILTER MFG. CO. (30 to 1000 h. p. (See adv. below)

Engines (Deep Well Pumping)

American Steam Pump Co., Battle Creek, Mich.
Cook-Well Co., 15 S 4th, St. Louis, Mo.
LAMBERT HOISTING ENGINE CO., Main Office and Works, 115-121 Poinier, Newark, N. J.; 85 Liberty, N. Y.; 117 Main, Cambridge, Boston, Mass.; 1715-1717 Market, Phila., Pa.; Lacock & Sandusy, Allegheny, Pa.; 248-250 Water, Toledo, O., 715-717 N. 2d., St. Louis, Mo.; 232 5th av., Chicago, Ill., and Stewart and Folsom, San Francisco, Cal. (See adv. front colored page.)
McGowan, John H. Co., Cincinnati, O.
Scott Valve Co., 32 W Randolph, Chicago, Ill.
Union Steam Pump Co., Battle Creek, Mich.

Engines (Direct Connected & Belted)

(See also Generators (Electric Light.)
(Also Generators, Power.)

Allis-Chalmers Co., New York Life bldg, Chicago, Ill., & 71 B'way, New York
American Engine Co., Bound Brook, N. J., and 95 Liberty, N. Y.
Ames Iron Works, Oswego, N. Y.
Ball & Wood Co., 17 Battery pl, New York, & Elizabeth, N. J.
Buckeye Engine Co., Salem, O.
Engberg's Electric & Mechanical Works, St. Joseph, Mich.
Erie Mfg. & Supply Co., Erie, Pa.
Fisher Electrical Works, 183 Larned, Detroit, Mich.
Harrisburg Foundry & Machine Works, Harrisburg, Pa.
Ide, A. L. & Sons, Springfield, Ill.
Knowlson & Kelly, Troy, N. Y.
Lane & Bodley Co., John & Water, Cincinnati, O.
Lawrence Machine Co., Lawrence, Mass.
McIntosh, Seymour & Co., Auburn, N. Y.
Maine Electric Co., Portland, Me.
Maxfield-Francke Co. ("Francke" Four-Ported), 136 Liberty, New York
MINNEAPOLIS STEEL & MACHINERY Co., Minneapolis, Minn. (See adv. index, end of book)
Murray Iron Works Co., Burlington, Ia.
New York Safety Steam Power Co., 113 Liberty, New York
Noye Mfg. Co., Buffalo, N. Y.
Ridgway Dynamo & Engine Co., Ridgway, Pa., & Girard Trust bldg., Phila., Pa.
Shepherd Engineering Co., Franklin, Pa.
Skinner Engine Co., Erie, Pa.
Southern Engine & Boiler Works (Inc.), Jackson, Tenn.
Stickney, Chas. A. Co. (Gas & Gasoline), St. Paul, Minn.
STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 231 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria st, London, Eng. (See adv. index, end of book)
Union Iron Works, 222 Market, San Francisco, Cal.

Engines (Drawbridge)

LIGDERWOOD MFG. CO., 96 Liberty, New York, & Old Colony bldg, Chicago (See adv. front colored page)

Engines (Gas & Gasoline)

ALABAMA.

BIRMINGHAM—White-Blakeslee Mfg. Co. (Gas & Gasoline)

CALIFORNIA.

LOS ANGELES—**FAIRBANKS, MORSE & CO.** (Gas & Gasoline for All Purposes), 136 Los Angeles. (See adv. index, end of book)
Luitweiler Pumping Engine Co. (Gasoline), 405 N Main
Union Gas Engine Co. (Gas & Oil)
SAN FRANCISCO—Bailey-Raymond Machine Works (Gas & Oils), 17 Fremont
Economist Gas. Engine Co. (also Crude Oil), 519 Howard
FAIRBANKS, MORSE & CO. (Gas & Gasoline. For All Purposes), 310 Market. (See adv. index, end of book)
Garratt, W. T. & Co. (Inc.), 142 Fremont
Golden State & Miners' Iron Works (Gas & Gasoline), 231 1st
Hawkins Mfg. Co., 300 Post
Henshaw, Bulkley & Co. (Mfrs.' Agents), c Fremont & Mission
Hercules Gas Engine Works (Gas & Gasoline), 141 1st
Hicks, Jas. L. (Gas, etc.), 667 Mission.
Jackson, Byron (Gas & Gasoline), 411 Market
Ohmen Engine Works, 321 Mission
Schilling, Adam & Sons (Gas & Gasoline), 211 Main
Swain Hadwen Mfg. Co. (Gas & Gasoline), 215 Spear
Union Gas Engine Co. (Gas & Oil), 244 1st
Union Iron Works, 222 Market
Webber & Aicher Iron Works (Gas), 103 Beale
Woodin & Little (Gas & Gasoline), 314 Market
SAN LEANDRO—Best Mfg. Co. (Gas, Gasoline & Oil)
STOCKTON—Samson Iron Works (Gas)

COLORADO.

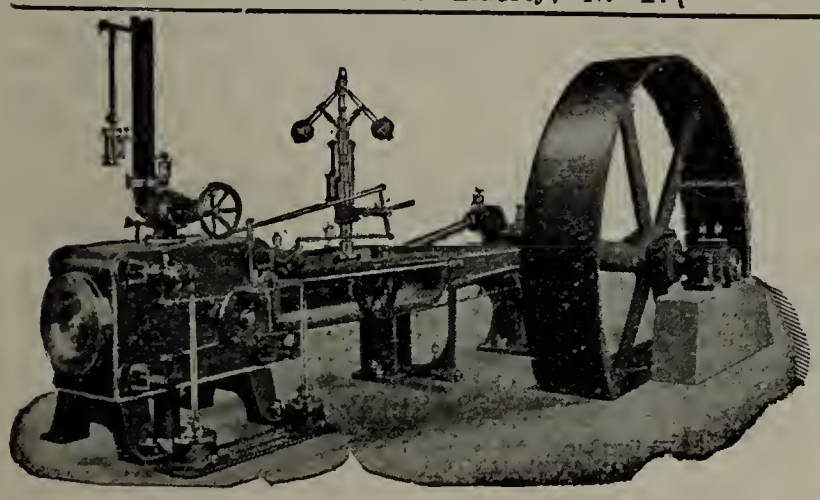
DENVER—**FAIRBANKS, MORSE & CO.** (Gas & Gasoline for All Purposes), 1600 17th. (See adv. index, end of book)

CONNECTICUT.

BRIDGEPORT—American & British Mfg. Co. Gas or Gasoline in Quantities Only)
Automatic Machine Co.
Bridgeport Motor Co. (Gasoline Motors)
Fairfield Motor Co. (Gasoline Motors)
Royal Equipment Co. ("Royal" Gasoline 4-Cycle Marine Reversible)
CENTER BROOK—Connecticut Valley Mfg. Co. (Gasoline Marine)
COS COB—Palmer Bros. (Gasoline)
MIANUS—Brooklyn Railway Supply Co.
MIDDLETON—Swan Electric Mfg. Co. (Electro-Gasoline)
MYSTIC—Lathrop, J. W. (Stationary & Marine, 1½ to 25 h. p.; Gas & Gasoline)
NEW HAVEN—Miner & Peck Mfg. Co. (Gas & Gasoline)
SEYMOUR—Church, Stephen B. (Gas & Gasoline)
STAMFORD—Stamford Motor Co. (Gasoline)
STONY CREEK—Beach, O. B. (Gas & Gasoline)
TORRINGTON—Eagle Bicycle Mfg. Co. (Gas, Marine & Stationary, 4 to 6 h. p.)
WEST MYSTIC—Hasbrouck Motor Works (4-Cycle Gasoline, Marine, etc.)

ILLINOIS.

AURORA—**AMERICAN WELL WORKS** (Gasoline) (See adv. index, end of book)
BATAVIA—Challenge Windmill & Feedmill Co. (Gasoline)
Snow Mfg. Co. (Gasoline)
CHICAGO—Allis-Chalmers Co. ("Nurnberg" Gas, 4-Cycle, Double Acting, 130 to 6000 h. p.), New York Life bldg
AMERICAN WELL WORKS (Gasoline) (See adv. index, end of book)
Anderson, Carl & Co. (Gas & Gasoline), 829 Jackson boul
Backus Gas Engine Co., 22 S Canal
Blum Bros. Co., 1195 N Calif av.
Caldwell, H. W. & Son, Western av, bet 17th & 18th
Cavanaugh & Darley, 25 W Randolph
Chicago Water Motor & Fan Co., 22 S Canal
Colborne Mfg. Co. (Gas), 35 Indiana
FAIRBANKS, MORSE & CO. (Gas & Gasoline for All Purposes), cor. Monroe & Franklin. (See adv. index, end of book)
Gates, E. L. Mfg. Co. (Gas & Gasoline, 15 W Madison
International Harvester Co., Chicago, Ill.
Kling Bros. (Gas & Gasoline, 2 to 40 h. p.), 287 Hawthorne av
Lammert & Mann (Gas & Gasoline), 153 S Jefferson
Latham Machinery Co., 199 S Canal



THE VILTER MFG. CO. 1046 CLINTON STREET MILWAUKEE, WIS.

CORLISS ENGINES

BOILERS, ICE MAKING AND REFRIGERATING MACHINERY

OUTFITS FOR BREWERS AND BOTTLERS

Murray, W. B. (Gas & Gasoline), 1253 Milwaukee av
National Meter Co., 318 Dearborn
Pilsen Foundry & Iron Works Co. (Gas), 471 W 22d
Skillin & Richards Mfg. Co., 147 Fulton
Temple Pump Co. (Gasoline 2 to 10 h. p.), 15th pl
WEBSTER MFG. CO., 1075 W 15th. (See adv. index, end of book)
Willard, Chas. P. & Co. (Gas & Gasoline), 30 W Randolph
CHICAGO HEIGHTS—Marinette Gas Engine Co. ("Walrath," Gas & Gasoline, 1 to 3 Cylinder, 2 to 200 h. p.)
EAST MOLINE—Root & Van Dervoort Engine Co. (Gas)
FREEPORT—Stover Engine Works (Gasoline)
MOLINE—Moline Pump Co. (Gas)
Root-Vandervoort Gasoline Engine Co.
PERU—Brunner, Chas.
QUINCY—Central Iron Works (Gas & Gasoline)
ROCKFORD—Cormack & Co.
National Engine Co. (Gasoline)
Savage & Love Co. (Gas & Gasoline)
STERLING—Charter Gas Engine Co. (Gas & Gasoline)

INDIANA.

ANDERSON—Anderson Tool Co. (Gas)
Buckeye Mfg. Co. (Gas & Gasoline)
Lambert Gas & Gasoline Engine Co. (Gas & Gasoline)
Woolly Foundry & Machine Works (Gas & Gasoline)
AUBURN—Model Gas Engine Co. (Gas & Gasoline)
EVANSVILLE—Clark Gas Engine Co.
Ft. WAYNE—Ft. Wayne Foundry & Machine Co. (Gas & Gasoline)
Western Gas Construction Co. (Gas & Gasoline)
GOSHEN—Pease Engine Works
HAGERSTOWN—Light Car Inspection Co. (Gasoline)
INDIANAPOLIS—Capital Gas Engine Co.
Crescent Machine & Tool Co. (Gas & Gasoline)
FAIRBANKS, MORSE & CO. (Gas & Gasoline for All Purposes), 140 S Meridian. (See adv. index, end of book)
Monarch Gas Engine Co. (Gas & Gasoline), E New York, cor. Belt Ry
KENDALLVILLE—Flint & Walling Mfg. Co. (Gasoline)
LOGANSPORT—Bridge City Construction Co. (Gasoline)
MARION—Gemmer Engine & Mfg. Co. (Gas & Gasoline)
Gillespie, L. W. & Co. (Gas & Gasoline, 1 h. p. & up)
MUNCIE—Muncie Gas Engine & Supply Co. ("Auglaize" Gas)
NEW ALBANY—Goetz-Coleman Mfg. Co. (Gas & Gasoline)
PLYMOUTH—Clizbe Bros. Mfg. Co.

IOWA.

BURLINGTON—Champion Funding & Foundry Co.
CEDAR FALLS—Clay Christie Co. (Gasoline)
CHARLES CITY—Hart-Parr Co. (Gasoline)
DAVENPORT—Buck Auto Carriage & Implement Co.
DES MOINES—Des Moines Gas Eng. & Electric Co.
Globe Machinery & Supply Co., 414 W Court av
JEFFERSON—North, L. C.
LYONS—Pelton, T. G. & Son (Gasoline)
MARSHALLTOWN—Lennox Machine Co. (Stationary & Mounted)
Shorthill, A. E. Co.
WATERLOO—Cascaden Mfg. Co. (Gasoline)
Waterloo Motor Works (Gasoline)

KENTUCKY.

LOUISVILLE—**FAIRBANKS, MORSE &** CO. (Gas & Gasoline for All Purposes), 519 Main. (See adv. index, end of book)
Reilly, J. J. Mfg. Co. (Gas & Gasoline), 13th & Rowan

LOUISIANA.

NEW ORLEANS—Fairbanks Co., 610 Canal

MAINE.

PORTLAND—American Gasoline Engine Co.

MARYLAND.

BALTIMORE—Bryan Mfg. Co. (Gas), 1900 Fdk av
Fairbanks Co., 19 Light
Thomas, W. K. & Co., 105 W Fayette
White & Middleton Gas Engine Co. (Gas & Gasoline), Charles & Winder

MASSACHUSETTS.

BOSTON—Church, Stephen B. (Gas & Gasoline), High st
Fairbanks Co., 44 Pearl
Holt, S. L. & Co. (Gas & Gasoline) 191 High
Lunt, Moss & Co. (Gas & Gasoline), 43 S Market
Murray & Tregurtha Co., 338 W 1st
National Meter Co., 159 Franklin
Whitney, F. E. (Gas & Gasoline), 65 Sudbury
LAWRENCE—Turner & Schwartzinberg (Gas)
LYNN—Winkley Engineering Co. (Gasoline)
NORTH CHELMSFORD—Lowell Model Co. (Engines & Motors, Gasoline)
QUINCY—Lizotte, Jos. & Co. (Gasoline)
WESTFORD—Moore, Clifford A.
WORCESTER—Greendale Gas Engine Co. (Gas & Gasoline), Boylston, c Fales

MICHIGAN.

ADRIAN—Church Mfg. Co. (Gas & Gasoline)
ALBION—Cook Mfg. Co. (Gas & Gasoline)
COLDWATER—Regal Gasoline Engine Co. (Gasoline)
DETROIT—Buick Mfg. Co. (Gas & Gasoline, Stationery Marine & Automobile, Foot Cycle, 1½ to 6 h p), 416 Howard
Detroit River Gasoline Engine Works, 665 Atwater
Dingfelder, Max (Gasoline), 958 Jefferson
FAIRBANKS, MORSE & CO. (Gas & Gasoline for All Purposes), 89 Jefferson. (See adv. index, end of book)
Leland & Faulconer Mfg. Co. (Gasoline), Trombly av & D. G. H. & M. R. R.
Limbacher & Ternes (Gasoline, Marine), 27 Shelby
Michigan Yacht & Power Co. & Sintz Gas & Engine Co. (Consolidated), "King," "Sintz," 2 & 4 Cycle, 4 to 75 h p). Detroit, Mich.
Olds Motor Works (Gas & Gasoline, 1 to 75 h. p.), Jeff, cor, Concord
Sintz Gas Engine Co. (Gas), 1524 Jefferson av
Strelinger, Chas. A. Co. (Gas), 98 Bates
Westinghouse, Church, Kerr & Co., Union Trust bldg.
GRAND RAPIDS—Austin & Son (Gasoline Automatic & Launch)
Grand Rapids Foundry & Machine Co. (Gasoline)
Grand Rapids Gas Engine & Yacht Co.
Sintz, Clark (Gasoline)
Wolverine Motor Works.
IONIA—Arnold's, G. W. Son (Gasoline)
KALAMAZOO—Kalamazoo Railway Supply Co. (Gasoline Pumping)
LANSING—Bates & Edmonds Motor Co. (Gas & Gasoline)
Lansing Motor & Pump Co. (Gasoline)
Olds Motor Works (Gasoline)
LYONS—Ash-Harper Co. (Gas)
MARQUETTE—Lake Shore Engine Works (Gas & Gasoline)
MORENCI—Michigan Brick & Tile Machine Co. (Gas)
SAGINAW—Ayres Gasoline Engine & Automobile Works
Budd, L. M., 412 Tuscola
Heginbottom, S. H., 110 Germania av
National Engine Co.
ST. JOHN'S—Richmond & Holmes (Gas & Gasoline(
ST. JOSEPH'S—Truscott Boat Mfg. Co. (Gasoline, Marine)
Spaulding Gas Engine Works (2 & 4 Cycle Gasoline, Marine)

MINNESOTA.

DULUTH—Kelley Hardware Co. (Gasoline)
HUTCHINSON—Hutchinson Mach. & Foundry Co. (Gas & Gasoline)
MINNEAPOLIS—**FAIRBANKS, MORSE &** CO. (Gas & Gasoline for All Purposes), 220 Nicollet av. (See adv. index, end of book)
Minneapolis Brass & Iron Mfg. Co. (Gasoline), 116 1st av n
Swartzenburg Mfg. Co. (20th Century Gasoline, 1 to 100-H. P.)
Valentine Bros. Mfg. Co. (Gasoline), 116 1st av, N
ST. PAUL—**FAIRBANKS, MORSE &** Co. (Gas & Gasoline for all purposes), 234 E 3d. (See adv. index, end of book)
Ferodowill Mfg. Co. (Oil-Cooled Gasoline)
Stickney, Chas. A. Co. (Gas & Gasoline)
Taylor & Hough (Gas & Gasoline)
Waterous Engine Works Co. (Gasoline)
WILLMAR—Willmar Gasoline Engine Works.

MISSOURI.

CLINTON—Industrial Iron Works (Gas)
KANSAS CITY—**FAIRBANKS, MORSE &** CO. (Gas & Gasoline for All Purposes), 1217 Union av. (See adv. index, end of book)
Kansas City Hay Press Co. (Stationary & Portable)
Weber Gas & Gasoline Engine Co., 700 Delaware
Witte Iron Works Co. (Gas & Gasoline), 5th & Penn
ST. LOUIS—**FAIRBANKS, MORSE &** CO. (Gas & Gasoline for All Purposes), 8th & Clark av. (See adv. index, end of book)
International Motor Co., 24 S 10th
St. Louis Gas & Gasoline Engine Co., 2519 S 2d

NEBRASKA.

LINCOLN—Cushman Motor Co. (Two-Cycle Gasoline)
NORFOLK—Norfolk Foundry & Mfg. Co. (Gasoline)
OMAHA—**FAIRBANKS, MORSE & CO.** (Gas & Gasoline for All Purposes), 1102 Farnam. (See adv. index, end of book)

NEW HAMPSHIRE.

MANCHESTER—Johnston Gasoline Motor Co. (Gasoline)

NEW JERSEY.

LAKEWOOD—Hoff, Joseph B.
NEWARK—Backus Water Motor Co. (Gas & Gasoline), 174 Penn av
Hartig Standard Gas Engine Co. (Gas & Gasoline), 14 Commercial
Newark Gas Engine Co., 676 N 6th
PATERSON—Sipp Electric & Machine Co.
PERTH-AMBOY — Dutton Engineering Co. (Gasoline)
WESTFIELD—Valentine Gas Engine Co.

NEW YORK.

ALBANY—Fairbanks Co., 364 B'way
BALDWINSVILLE—American Gasoline Motor Co. (Gasoline Engines & Motors)
BINGHAMTON—Canfield, P. B.
BUFFALO—Alberger Company (Four-Cycle, Two-Cylinder, Tandem, Gas & Gasoline, 25 to 250 h. p.), Ellicott sq
Averill, Frank E. (The Niagara Gas), 680 Main
Fairbanks Co., 210 Main
Farrar & Trefts (Gas), 56 Perry
Lazier Gas Engine Co. (Gas & Gasoline), 591 Ellicott sq
Noye Mfg. Co. (Gas), 50 Lakeview av
Olin Gas Engine Co. (Gas & Gasoline), 10 Lock
Ruger Mfg. Co. (Gas & Gasoline, Four-Cycle Compression Type, 5 to 100 h. p.), 228 Chicago
Thomas, E. R. Motor Co. (Gas), Niagara nr Ferry

FRANKFORT—Acme Road Machinery Co. (Gasoline)
GENEVA—Fay & Bowen Engine Co. (Gas & Gasoline, Two-Cycle Stationary & Marine)
MALONE—Hinds, Thos. (Gasoline)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Brooklyn Gas & Gasoline Engine Co., 1377 De Kalb av
National Meter Co., 42d, cor. 1st av

Boroughs of Manhattan & Bronx

NEW YORK—Allis-Chalmers Co. ("Nunberg," Gas Four-Cycle, Double Acting, 130 to 6000 h. p.), 71 B'way
Allman Gas Engine & Machine Co., 29 Sullivan
NEW YORK—Allman Gas Engine & Machine Co., 29 Sullivan
American Gas Engine Co., 113 Chambers
AMERICAN WELL WORKS (Gasoline), 2 & 4 Stone. (See adv. index, end of book)
Baylis Co., 140 Wash'n
Clerk Gas Engine Co., 113 Chambers
Fairbanks Co., 186 Elm cor Broome
FAIRBANKS, MORSE & CO. (Gas & Gasoline for All Purposes), 133 Liberty. (See adv. index, end of book)
Gas Engine & Power Co. & Chas. L. Seabury & Co. (Gasoline), 11 B'way & Morris Heights, New York
Homan, J. & E. (Gas & Gasoline), 378 W B'way
Kumberger & Vreeland (Gas & Gasoline), 35 Sullivan
Loomis, F. W., 403 Canal
Mietz, Aug. (Gas & Kerosene), 128 Mott
National Meter Co. (Nash.) (Gas & Gasoline), 84 Chambers
Oil City Boiler Works (Gas), 39 Cortlandt
Penna. Iron Works Co. (Gas & Gasoline, 277 B'way
Struthers-Wells Co. (Gas), 26 Cortlandt. Works, Warren, Pa.
Power & Mining Machinery Co. ("American Crossley Gas Engines), 52 William, New York. Works, Cudahy, Wis.
Swan Electric Mfg. Co. ("Electro-Gasoline"), 21 State
Thomas, R. H. & Co., 107 Liberty
Thompson, Andw, 62 Centre
Webster Mfg. Co., 38 Dey
Welch & Lawson, 210 Centre
White Mfg. Co. (the Craig Gas & Gasoline). 556 W 34th
White & Middleton Gas Engine Co., 107 Liberty

END OF NEW YORK CITY.

OLEAN—Myrick Machine Co. (Gas)
ROCHESTER—Rochester Gas Engine Co.
SENECA FALLS—Gleason & Bailey & Sciple Mfg. Co. (Gasoline)
SYRACUSE—Leighton, H. J., 408 S Franklin
UTICA—Utica Gas Engine Works (Gas & Gasoline), 14 Jeff av
VERNON—Pohl, Geo. D. Mfg. Co. (Gasoline "Advance")

OHIO.

AKRON—Akron Engineering Co. (Gas)
Wellman-Seaver-Morgan Co. ("Cockerill" Gas)
CANTON—Knight Mfg. Co. (Gas & Gasoline)
CINCINNATI—American Gas Engine Co., Mass. av, cor. Straight
FAIRBANKS, MORSE & CO. (Gas & Gasoline for All Purposes), 307 Walnut (See adv. index, end of book)
Preslar-Crawley Mfg. Co., 219 W 2d
Van Duzen, B. W. Co. (Gas & Gasoline), 428 E. 2d
Watkins, F. M. Mfg. Co. (Gas & Gasoline), 857 W 6th
CLEVELAND—Chase Machine Co. (Gas & Gasoline, Marine & Stationary), 111 Elm
FAIRBANKS, MORSE & CO. (Gas & Gasoline for All Purposes), 99 Water (See adv. index, end of book)
Meriam-Abbott Co., 60 E Prospect. Cleveland, O.
Standard Sand & Machine Co. ("Simplicity" Gas & Gasoline), Cleveland, O.
STRONG, CARLISLE & HAMMOND Co., 61 Frankfort. (See adv. index, end of book)
Union Machine Co. (Gas & Gasoline)
Wellman-Seaver-Morgan Co. ("Cockerill" Gas, "Sargent" Gas)
COLUMBUS—Columbus Machine Co. (Gas & Gasoline)
DAYTON—Callahan, W. P. & Co., 901 E 3d
Dayton Globe Iron Works Co. (Gas & Gasoline)
Good Gas Engine Co., 28 N Canal
Gem City Mfg. Co.
Leader Gas Engine Co., Kuhns bldg
New Era Iron Works Co. (Gas & Gasoline), 2d & Dale av
Stoddard Mfg. Co.
ELMORE—Underwood, F. M. Gas Engine & Motor Co. (Gas)
ELYRIA—Elyria Engine Co. (Gas & Gasoline)
HAMILTON—Advance Mfg. Co. (3 to 35 h. p.)
KENTON—Kenton Gas Engine Co.
LIMA—Bessemer Gas Engine Co.
Swan, John W. Co. (Gas)
LORAIN—Brown-Cochran Co. ("Brown")
MARIETTA—Pattin Bros. Co. (Gas)
MARION—Strobel, Fred (Gas & Gasoline)
ST. MARY'S—St. Mary's Machine Co. (Gas & Gasoline)
SANDUSKY—Ohio Motor Co.
SPRINGFIELD—American Engineering Co. (Gas & Gasoline)
Bauroth, W. F. & Bro. (Gas & Gasoline)
Foos Gas Engine Co. (Gasoline, 1½ to 250 h. p.)
Miller Improved Gas Engine Co. (Heavy Duty Gas, 50 to 1000 h. p.), East & Eastern av
Springfield Gas Engine Co. (Gas & Gasoline), Park n Main
Superior Gas Engine Co. (Gas & Gasoline)
TOLEDO—Acme Sucker Rod Co. (Gas)
Jones, S. M. Co.
TROY—Hobart Electric Mfg. Co.
YOUNGSTOWN—Sennett, Geo. B. Co. (Gas & Gasoline)
Tod, Wm. Co. ("Gas Heavy")

OREGON.

PORTLAND—**FAIRBANKS, MORSE & CO.** (Gas & Gasoline for all Purposes), 1st & Stark. (See adv. index, end of book)
Gill, A. J. & Co., 230 Oak
U. S. Light Mfg. Co., 50 Grand av

PENNSYLVANIA.

ALLEGHENY—National Gear Wheel & Foundry Co. (Gas, The "Mertes" Duplex Gas), South av & Walker
ALLENTOWN—Nadig, Chas. H. & Bro. Mfg. Co. (Gasoline)
BEAVER FALLS—Champion Saw & Gas Engine Co. (Gas & Gasoline)
BRADFORD—Blaisdell Machinery Co. (Gas)
Bovaird & Co. (Gas & Gasoline)
Bovaird & Seyfang Co. (Gas)
McElwaine Co. (Gas.)
BUTLER—Braden Gas Engine Co. (Gas & Gasoline)
Evans Mfg. Co. (Gas)
Palm Gas Engine Co. (Gas)
Pittsburg Engineering Co. (Redding Gas Engines)
CORRY—Ajax Iron Works (Gas & Gasoline, 4 to 40 h. p.)
DOWNIEVILLE—Downie Pump Co. (Gas & Gasoline)
ERIE—Bay State Iron Works
GROVE CITY—Bessemer Gas Engine Co. (Gas)
NEW BRIGHTON—Keystone Gas Engine Co. (Gas)
Pierce-Crouch Engine Co.
OIL CITY—Oil City Boiler Works (Gas)
Reid, Jos. Gas Engine Co. (Gas)
PHILADELPHIA—Fairbanks Co., 701 Arch
Fellenbaum Co., 431 N Orinna
Moore, E. J. Machine & Foundry Co. (Gas). 2227 Wood
Motor Vehicle Power Co. (Marine Gasoline), 1221 Spring Garden
Otto Gas Engine Works, 33d & Walnut
Penna. Iron Works Co. (Gas & Gasoline, Stationary & Marine, Four Cycle, 1 to 100 h. p.), 50th, cor. Lancaster av
PITTSBURG—Fairbanks Co., 238 3d av
Oil Well Supply Co. (Gas). 215 Water
Penna. Iron Works Co. (Gas & Gasoline), 409 Times bldg
Pierce-Crouch Engine Co., Empire bldg
Struthers-Wells Co. Works, Warren, Pa.
Tate, Jones & Co. (Inc.) (Gas), Empire bldg
WESTINGHOUSE MACHINE CO., The (Gas Only), Westinghouse bldg
QUINCY—Metcalfe Gas & Gasoline Engine Co.
READING—Johnston Foundry & Machine Co.
TITUSVILLE—Titusville Iron Co.
WARREN—Jamieson, M. W. & Co.
Struthers-Wells Co. (Gas)
WRIGHTSVILLE—Dissinger, C. H. A. & Bro.

RHODE ISLAND.

PROVIDENCE—American & British Mfg. Co. (Gas & Gasoline in Quantities Only).
Bowen Electric Co. (Gas & Kerosene), 58 Point
Mead Gas Engine Co. (Marine, Gasoline)

TENNESSEE.

MEMPHIS—Union Iron Works (Gas & Gasoline), N Main, cor. Keel

TEXAS.

DALLAS—**AMERICAN WELL WORKS** (Gasoline). (See adv. index, end of book)
EL PASO—Pass City Foundry & Machine Co.
FT. WORTH—Ft. Worth Machine & Foundry Co. ("Acme" Gasoline)

VERMONT.

RUTLAND—Howe Scale Co. (Gas & Gasoline)
WATERBURY—Cooley Mfg. Co. (Gas)
WESTMINSTER STATION—Abenaque Machine Works (Gas & Gasoline)

VIRGINIA.

NORFOLK—Goodwin, Thos. W. Jr. & Co.
RICHMOND—Coffee, R. W. & Sons
Smith-Courtney Co. (Gas & Gasoline)
Sydnor Pump & Well Co.

WASHINGTON.

COLFAX—Modern Elevator Co.

WEST VIRGINIA.

PARKERSBURG—Carruthers & Co. (Gas)
U. S. Engine Co. (Gas)

WISCONSIN.

BEAVER DAM—Hass, H. E. Gas & Gasoline Engine Works (Gas & Gasoline)
BELOIT—Beloit Gas Engine Co. (Gas)
Thompson, J. & Sons Mfg. Co. (The Original Lewis, Gas & Gasoline)
CORLISS—Brown Corliss Engine Co. (Blast Furnace Gas Engines)
CUDAHY—Power & Mining Machinery Co. ("American Crossley" Gas Engines)
FOND DU LAC—Quentin, Peter N. (Gas)
LA CROSSE—Benton, Thos. P. & Son (Gasoline)
Pioneer Foundry Co.
MENOMINEE—Globe Iron Works Co.
MENOMINEE FALLS—Rowell, I B. Co. (Gasoline)
MILWAUKEE—Lauson, C. P. & J., 103 W Water
National Machine Co. (built to order), 660 Washington
Reliance Gas & Oil Engine Co.
OSHKOSH—U. S. Engine Works (Gas & Gasoline)
RACINE—Pierce Engine Co. (Gas & Gasoline)

Engines (Haulage)

Crawford & McCrimmon Co., Brazil, Ind.
Danville Foundry & Machine Co., Danville, Ill.
Exeter Machine Works, Pittston, Pa.
Finch Mfg. Co., Scranton, Pa.

Flory, S. Mfg. Co., Bangor, Pa.
Griffith & Wedge Co., Zanesville, O.
HOISTING & CONVEYING MACHINery Co., 44 E Elizabeth, Chicago, Ill. (See adv. index, end of book)
Kenney & Co., Scottdale, Pa.
LIDGERWOOD MFG. CO., 96 Liberty, New York, & Old Colony bldg, Chicago, Ill. (See adv. front colored page)
Litchfield Foundry & Machine Co., Litchfield, Ill.
McMyler Mfg. Co., Cleveland, O.
Monongahela Mfg. Co., Monongahela, Pa.
Mullen, Jno. & Son, Shamokin, Pa.
NATIONAL HOISTING ENGINE CO., Harrison, N. J. (See adv. index, end of book)
Nelsonville Foundry & Machine Co., Nelsonville, O.
Ottumwa Iron Works, Ottumwa, Ia.
Phoenix Steel Construction Co., Penn av & 3d, Pittsburg, Pa.
Rarig, A. K., Engineering Co., Columbus, O.
Robinson Machine Co., Monongahela, Pa.
Stine, S. B. & Son, Osceola Mills, Pa.
Stroh, W. H. (Est. of), Mauch Chunk, Pa.
SULLIVAN MACHINERY CO. (Double Cylinders & Drums), 7 Jackson boul, Chicago, Ill. (See adv. index, end of book)
Vulcan Iron Works, Wilkesbarre, Pa.
Wellman-Seaver-Morgan Co., Cleveland, O., & Akron, O.
Wickes Bros., Saginaw, Mich.

Engines (High Duty Pumping)

Allis-Chalmers Co. ("Reynolds" Triple Expansion & Compound, Horizontal & Vertical), New York Life bldg, Chicago, Ill.. & 71 B'way, New York
Builders' Iron Foundry ("d'Auria"), Providence, R. I.
MINNEAPOLIS STEEL & MACHINery Co. (Cross Compound & Tandem), Minneapolis, Minn. (See adv. index, end of book)
Tod, Wm. Co. ("Reynolds"), Youngstown, O.

Engines (Hoisting)

CALIFORNIA.

LOS ANGELES—**FAIRBANKS, MORSE &** CO. (Gas & Gasoline), 136 Los Angeles (See adv. index, end of book)
SAN FRANCISCO—**FAIRBANKS, MORSE** & CO. (Gas & Gasoline), 310 Market (See adv. index, end of book)
Hendy, Joshua Machine Works (Double Cylinder, etc.), 38 Fremont
LAMBERT HOISTING ENGINE CO., (See adv. front colored page)

COLORADO.

DENVER—Allis-Chalmers Co., 1649 Tremont
Davis, F. M. Iron Works Co., Larimer, cor. 8th
Denver Engineering Works Co. (all kinds), Blake, cor. 30th
FAIRBANKS, MORSE & CO. (Gas & Gasoline), 1600 17th (See adv. index, end of book)
Hendric & Bolthoff Mfg. & Supply Co.
Leyner, J Geo. Engineering Works Co.
Mine & Smelter Supply Co.
Stearns-Roger Mfg. Co.

CONNECTICUT.

BRIDGEPORT—Automatic Machine Co.
Coulter & McKenzie Machine Co.
Pacific Iron Works (Inc.)

ILLINOIS.

CHICAGO—Allis-Chalmers Co. ("Reynolds" Single & Multiple Drum, Direct Acting), New York Life bldg
AMERICAN HOIST & DERRICK Co., 60 S Canal. (See adv. index, end of book)
CONTRACTORS' SUPPLY & EQUIPment Co., Old Colony bldg. (See adv. index, end of book)
Dawson, A. L. & Co., 29 W Washington
FAIRBANKS, MORSE & CO. (Gas & Gasoline), cor. Franklin & Monroe (See adv. index, end of book)
HOISTING & CONVEYING MAery Co., 44 E Elizabeth. (See adv. index, end of book)
LAMBERT HOISTING ENGINE CO., 232 5th av (See adv. front colored page)
LIDGERWOOD MFG. CO., Old Colony bldg. (See adv. front colored page)
MONIGHAN'S MACHINE WORKS, 813 Carroll av. (See adv. index, end of book)
SHAW, WILLIS, 171 LaSalle. (See adv. index, end of book)
Stimson Elevator Co., 183 Walnut
SULLIVAN MACHINERY CO. (Corliss Valve Gear, Single & Double Drum). 7 Jackson boul. (See adv. index, end of book)
Vulcan Iron Works, 57 Milwaukee av
DANVILLE—Danville Foundry & Machine Co.
LITCHFIELD—Litchfield Foundry & Machine Co.
QUINCY—Central Iron Works

INDIANA.

BRAZIL—Crawford & McCrimmon Co.
EVANSVILLE—Heilman Machine Works (Single or Double Geared)
INDIANAPOLIS—**FAIRBANKS, MORSE** & CO. (Gas & Gasoline), 140 S. Meridian. (See adv. index, end of book)
Potter Mfg. Co., 2010 Northwestern av

IOWA.

BURLINGTON—Murray Iron Works Co.
DES MOINES—Eagle Iron Works
Globe Machinery & Supply Co.
OTTUMWA—Ottumwa Iron Works

KENTUCKY.

LOUISVILLE—**FAIRBANKS, MORSE &** CO. (Gas & Gasoline), 519 Main (See adv. index, end of book)

LOUISIANA.

NEW ORLEANS—**AMERICAN HOIST &** Derrick Co., Hennen bldg. (See adv. index, end of book)

MARYLAND.

BALTIMORE—**AMERICAN HOIST &** DERRICK CO., Builders' Exchange. (See adv. index, end of book)
Frank, E. T. & Son, 426 Pratt
Meyer, Henry H. (Mfrs. Agt., Lidgerwood), 110 S Howard
South Baltimore Steel Car & Foundry Co.

MASSACHUSETTS.

BOSTON—**AMERICAN HOIST & DER**RICK CO., Tremont bldg. (See adv. index, end of book)
McLaughlin, Geo. G. Mfg. Co., 812 E 6th
Sampson, Geo. H. Co., 15 Pearl
CAMBRIDGE—Field, Walter W., 17 Main
LAMBERT HOISTING ENGINE CO., 117 Main (See adv. front colored page)
CAMBRIDGEPORT—**RAWSON & MORRI**SON MFG. CO. (See adv. index, end of book)

MICHIGAN.

ADRIAN—Adrian Brick & Tile Mach. Co.
BAY CITY—Industrial Works.
Marine Iron Co.
DETROIT—**FAIRBANKS, MORSE & CO.** (Gas & Gasoline), 89 Jefferson. (See adv. index, end of book)
Mitshkun, M. Co. (Second Hand), Chamber of Commerce bldg.
Wormer, C. C. Machinery Co. (Dealers), Beecher av & M C R R
GRAND HAVEN—Dake Engine Co.
MARQUETTE—Lake Shore Engine Works (Gas & Gasoline)
SAGINAW—Bartlett, A. F. & Co.
Jackson & Church Co.
Wickes Bros.

MINNESOTA.

MINNEAPOLIS—**FAIRBANKS, MORSE** & Co. (Gas & Gasoline), 200 Nicollet av. (See adv. index, end of book)
ST. PAUL—**AMERICAN HOIST & DER**RICK CO. (See adv. index, end of book)
FAIRBANKS, MORSE & CO. (Gas & Gasoline), 234 E 3d (See adv. index, end of book)

MISSOURI.

KANSAS CITY—**CONTRACTORS' SUP**PLY & EQUIPMENT CO., 509 W 5th. (See adv. index, end of book)
FAIRBANKS, MORSE & CO. (Gas & Gasoline), 1217 Union av. (See adv. index, end of book)
ST. LOUIS—Ellison, Wm. & Sons Mfg. Co., 1020 N 6th
FAIRBANKS, MORSE & CO. (Gas & Gasoline), 8th & Clark av (See adv. index, end of book)
LAMBERT HOISTING ENGINE CO., 715-717 N 2d. (Sec adv., front colored page)
South St. Louis Foundry Co., 121 E Steins
SPRINGFIELD—United Iron Works Co. (For Coal Mines, etc.)

NEBRASKA.

OMAHA—**FAIRBANKS, MORSE & CO.** (Gas & Gasoline), 1102 Farman (See adv. index, end of book)

NEW JERSEY.

HARRISON—**NATIONAL HOISTING EN**gine Co. (For all Purposes) (See adv. index, end of book)
NEWARK—**LAMBERT HOISTING EN**GINE CO., Main Office & Works, 115-121 Poinier (See adv. front colored page)
MUNDY, J. S. (For all Purposes), 22 Prospect. (See adv. front colored page)

NEW YORK.

ALBANY—Dederick Agricultural & Machine Works
BUFFALO—Contractors' Plant Mfg. Co.
NEW YORK—**AMERICAN HOIST &** DERRICK CO., 39 Cortlandt. (See adv. index, end of book)
Apex Equipment Co., 11 B'way
Bacon, Earle C. (Single & Double Cylinder), 26 Cortlandt
BROWN HOISTING MACHINERY CO., 26 Cortlandt. (See adv. index, end of book)
Craft, Jesse, 260 Front
DOBBIE FOUNDRY & MACHINE Co., 42 Dey. (See adv. index, end of book)
Edwards, J. & Co., 412 Water
FAIRBANKS, MORSE & CO. (Gas & Gasoline), 133 Liberty (See adv. index, end of book)
Fraser & Chalmers, 80 B'way
Hunt, C. W. Co., 45 B'way
LAMBERT HOISTING ENGINE CO., 85 Liberty (See adv. front colored page)
LIDGERWOOD MFG. CO., 96 Liberty (See adv. front colored page)
PELHAM OPERATING CO., 416 W 26th. (See adv. index, end of book)
Power & Mining Machinery Co., 52 William. Works, Cudahy, Wis.
RAWSON & MORRISON MFG. CO., 11 B'way. (See adv. index, end of book)
South Baltimore Steel Car & Foundry Co., 11 B'way
NIAGARA FALLS—**DOBBIE FOUNDRY** & MACHINE CO. (See adv. index, end of book)
ORANGEBURG—**Empire Engine & Motor Co.** (Pneumatic)

OHIO.

AKRON—Wellman-Seaver-Morgan Co.
CINCINNATI—**FAIRBANKS, MORSE &** CO. (Gas & Gasoiine), 307 Walnut (See adv. index, end of book)
CLEVELAND—American Ship Building Co., 120 Viaduct
Borden & Selleck Co., 114 Water
BROWN HOISTING MACHINERY CO., 1345 St. Ciair. (See adv. index, end of book)
FAIRBANKS, MORSE & CO. (Gas & Gasoline), 99 Water (See adv. index, end of book)
Lord, Bowler Co., 41 Centre
McMyier Mfg. Co., 182 Columbus
Union Machine & Boiler Co., 108 River
Weiiman-Seaver-Morgan Co.
COLUMBUS—Rarig Engineering Co.
MARIETTA—Pattin Bros. Co.
RAVENNA—Byers, John F. Machine Co.
SALEM—Buckeye Engine Co.
TOLEDO—**LAMBERT HOISTING ENGINE CO.**, 248-250 Water (See adv. front colored page)
Toledo Foundry & Machine Co.
ZANESVILLE—Griffith & Wedge Co. (Siide Valve Geared)

OREGON.

PORTLAND—Arthur, J. M. & Co., 40 1st
Columbia Engineering Works.
FAIRBANKS, MORSE & CO. (Gas & Gasoiine), 1st & Stark (See adv. index, end of book)
Phoenix Iron Works, Hawthorne av & E 3d
Portiand Iron Works, 495 Northrup
Wiiiamette Iron & Steel Works

PENNSYLVANIA.

ALLEGHENY—Carlin's Thomas Sons Co.
Carlin Machinery & Supply Co.
LAMBERT HOISTING ENGINE CO., Lacock & Sandusky (See adv. front colored page)
BANGOR—Fiory, S. Mfg. Co.
ERIE—Lake Erie Engineering Co.
LEBANON—Weimer Machine Works Co. (For Furnaces & Mines)
MAUCH CHUNK—Stroh, W. H. (est. of)
MONONGAHELA—Robinson Machine Co.
PHILADELPHIA—**LAMBERT HOISTING** ENGINE CO., 1715-1717 Market (See adv. front colored page)
Morris, I. P. Co. (Mines), c Beach & Bail
Williamson Bros. Co., E Cumberiand c Thompson
PITTSBURG—Frick & Lindsay Co. (dealers), 109 Wood
Phoenix Steel Construction Co., Penn av & 3d
Somers, Fitier & Todd Co. (Dealers), 327 Water
PITTSTON—Exeter Machine Works
READING—Orr & Sembower
SCOTTDALE—Kenney & Co.
SCRANTON—Aiiis-Chalmers Co.
Finch Mfg. Co.
SHAMOKIN—Muilen, John & Son
STROUDSBURG—Stroudsburg Engine Works
WILKESBARRE—Vulcan Iron Works

RHODE ISLAND.

PROVIDENCE—Fuiier Iron Works

TENNESSEE.

MEMPHIS—Chickasaw Iron Works

UTAH.

SALT LAKE CITY—**FAIRBANKS, MORSE** & CO. (Gas & Gasoline), 218 W S Temple. (See adv. index, end of book)

VERMONT.

BARRE—Whitcomb Bros.

VIRGINIA.

PETERSBURG—Petersburg Iron Works Co.

WASHINGTON.

SEATTLE—Northwestern Iron Works
Washington Iron Works Co.

WISCONSIN.

MILWAUKEE—Aiiis-Chaimers Co.
FILER & STOWELL CO. (See adv. index, end of book)
Nordberg Mfg. Co.

Engines, Hoisting (Gas or Gasoline)

FAIRBANKS, MORSE & CO., (Gasoline), Frankiin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisvilie; 140 S. Meridian, Indianapoiis; 8th & Ciark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paui; 220 Nicoilet av, Minneapoiis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portiand, Ore.; 218 S W Tempie, Sait Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Lake Shore Engine Works Co. (Gasoiine, Hoisting & Pumping), Marquette, Mich.
Washington Iron Works Co. (Steam & Electric), Seattle, Washington
Weber Gas & Gasoline Engine Co., Kansas City, Mo.

Engines (Hot Air Pumping)

Ameican Machine Co. (Denney Improved Rider, Ericsson), Wiimington, Dei.
Bliss, E. W. Co., 19 Adams, Brookiyn, N. Y.
Erwin & Co., 35 S Canai, Chicago, Iii.
Fanning Mfg. Co., Morgan, Pratt & Superior, Chicago, Ill.
Rider-Ericsson Engine Co., 35 Warren, New York; 239 Frankiin, Boston; 40 N 7th, Phila Pa., & 40 Dearborn, Chicago, Ill.

Engines (Hydraulic, for Blowing Church Organs)

American Steam Pump Co., Battle Creek, Mich.

Engines (Logging)

Best Mfg. Co. (Traction), San Leandro, Cal.
Fiory, S. Mfg. Co., Bangor, Pa.
Hendy, Joshua Machine Works, San Francisco, Cal.
LAMBERT HOISTING ENGINE CO., Main Office & Works, 115-121 Poinier, Newark, N. J.; 85 Liberty, N. Y.; 117 Main, Cambridge, Boston, Mass.; 1715-1717 Market, Phiia., Pa.; Lacock & Sandusky, Allegheny, Pa.; 248-250 Water, Toledo, O.; 715-717 N 2d, St. Louis, Mo.; 232 5th av, Chicago, Ili., and Stewart & Folsom, San Francisco, Cai. (See adv. front colored page)
LIDGERWOOD MFG. CO., 96 Liberty, New York, & Oid Colony bidg, Chicago, Iii. (See adv. front colored page.)
Marshutz & Cantrell, Main & Howard, San Francisco, Cal.
Mitcheli, Lewis & Staver Co., Seattie, Wash.
MONIGHAN'S MACHINE WORKS, 817 Carroll av, Chicago. (See adv. index, end of book)
MUNDY, J. S., 22 Prospect, Newark, N. J. (See adv. index, end of book)
NATIONAL HOISTING ENGINE CO., Harrison, N. J. (See adv. index, end of book)
Phoenix Iron Works, Portland, Ore.
Phoenix Steei Construction Co., Penn av & 3d, Pittsburg, Pa.
RAWSON & MORRISON MFG. CO., Cambridgeport, Mass., & 11 B'way, New York. (See adv. index, end of book)
Southern Engine & Boiier Works (inc.), Jackson, Tenn.
Tatum & Bowen (The Mundy), Portiand, Ore.; Seattie, Wash'n, & 34 Fremont, San Francisco, Cal.
Vulcan Iron Works Co., Seattie, Wash
Washington Iron Works Co., Seattie, Wash
Wiiiamette Iron & Steel Works, Portland, Oregon

Engines (Marine)

(This Trade is a Duplication of Engines, Steam)
(See also Engines, Yacht & Launch.)

American Ship Buiiding Co., Cieveland, O.
Astoria Iron Works (Inc.), Astoria, Ore.
Atiantic Works, 70 Border, E. B., Boston, Mass.
Bartlett, A. F. & Co., Saginaw, Mich.
Bath Iron Works, Bath, Me.
Brown & Miiier, Jersey City, N. J.
Burton & Johnson, 107 W Centre, Cieveland, O.
Chicago Ship Buiiding Co., Rookery bldg. & 101st & Caiumet River, Chicago, Ill.
Columbia Engineering Works, Portiand, Ore.
Cramp, Wm. & Sons, Ship & Engine Bidg. Co., Phila., Pa.
Cunningham Engineering Co., Tremont bidg, Boston, Mass.
Davenport Foundry & Machine Co. (Steamboat), Davenport, Ia.
Delaware River Iron Ship Building & Engine Works, Chester, Pa.
Detroit Shipbuiiding Co., Detroit, Mich.
Diaiogue, Jno. H. & Son, Camden, N. J.
Dodge Bros., Detroit, Mich.
Eastern Ship Building Co., Groton Point, Conn.
ELMERS, CHAS. F., ENGINEERING WORKS (Automatic), c Fuiton & N Sangamon, Chicago, Iii. (See adv. index, end of book)
Evans, C. H. & Co., 183 Fremont, San Francisco, Cal.
Fletcher, W. & A. Co., Hudson & 14th, Hoboken, N. J.
Forbes, W. D. & Co., 1300 Hudson, Hoboken, N. J.
Fore River Ship Buiiding Co., Quincey, Mass.
Gas Engine & Power Co., & Chas. L. Seabury & Co. (Gasoiine & Naphtha), 11 B'way, New York, & Morris Heights, N. Y. City
Generai Power Co., 81 Fuiton, New York.
Goiden State & Miners' Iron Works, San Francisco, Cal.
Great Lakes Engineering Works, Detroit, Mich.
Hefferman Engine Works, Seattle, Wash.
Herreshoff Mfg. Co., Bristol, R. I.
Honeyman, J. & Co., Portland, Ore.
Jenks Ship Bidg. Co., Port Huron, Mich.
Kehoe, Wm. & Sons, Savannah, Ga.
King Iron Works (Trout & Hickok, Prop.), 226 Ohio. Buffaio, N. Y.
Kingsford Foundry & Machine Works, Oswego, N. Y.
Lake Engineering Co., Erie, Pa.
Lea, Thos., New Brunswick, N. J.
Lister, S. G., Olymphia, Wash.
Lockwood Mfg. Co., E. B., Boston, Mass.
MacKinnon Mfg. Co., Bay City, Mich.
Manistee Iron Works Co., Manistee, Mich.
Marine Iron Works Co., Tacoma, Wash.
Maryland Steel Co., Sparrows Point, Baltimore, Md.
Marvel, T. S. & Co., Newburgh, N. Y.
Merrili-Stevens Co., Jacksonviiie, Fla.
Michigan Yacht & Power Co. & Sintz Gas Engine Co. (Consoiidated) ("King" and "Sintz"), Detroit, Mich.
Midvaie Steel Co., main office & works, Nicetown, Phila., Pa.; 100 B'way, N. Y.; Oid Coiony bidg, Chicago, & San Francisco, Cal.
Montague Iron Works Co., Montague, Mich.
Moran Bros. Co., Seattie, Wash.
Morgan Iron Works, New London, Conn.
MORRIS MACHINE WORKS, Baldwinsviiie, N. Y. (See adv. index, end of book)
Nash Bros. & Co., Ogdensburg, N. Y.
Neafie & Levy Ship & Engine Bidg. Co., 1336 Beach, Philadeiphia, Pa.
Newport News Ship Building & Dry Dock Co., Newport News, Va.
New York Safety Steam Power Co. (Verticai), 113 Liberty, N. Y.
Norman & Evans, Lockport, N. Y.
Northwestern Iron Works, Seattle, Wash.

Oriental Gas Engine Works, 227 Folsom, San Francisco, Cal.
Orr & Sembower, Reading, Pa.
Paine, Jas. H. & Son Co., Noank, Conn.
Palmer, N. F., 742 E 12th, N. Y.
Perth Amboy Ship Building & Engineering Co., Perth Amboy, N. J.
Petersburg Iron Works Co., Petersburg, Va.
Phoenix Iron Works, Portland, Ore.
Pioneer Machine Works (Jas. Hartley, Prop.), 75 Delevan, Brooklyn, N. Y.
Portland Co., Portland, Me.
Providence Engineering Works, Providence, R. I.
Puget Sound Dry Dock Machine Co., Tacoma, Wash.
Pusey & Jones Co., Wilmington, Del.
Rae, Roht., 442 Water, New York
Risdon Iron & Locomotive Works, San Francisco, Cal.
Rogers, Jno. M. Boat, Gauge & Drill Works. Gloucester City, N. J.
Royal Machine Co., 61 N. J. R. R. av, Newark, N. J.
Russell, M. J., 42 Morris, Jersey City, N. J.
Schantz & Eckert, Perth Amboy, N. J.
Smith, Theodore & Sons Co., foot of Essex, Jersey City, N. J.
Stroud, H. K. & Son, Hastings, Minn.
Sullivan, Jno. W., 385 South, New York
Superior Ship Building Co., Superior, Wis.
Thropp, Jno. E., Sons Co., Trenton, N. J.
Toledo Foundry & Machine Co., Toledo, O.
Trout, H. G. & Co., Buffalo, N. Y.
Twiss, Nelson W. (15 to 100 h. p.), New Haven, Conn.
Union Iron Works, San Francisco, Cal.
Union Machine & Boiler Co., 108 River, Cleveland, O.
Vulcan Iron Works Co., Seattle, Wash.
Warrington Iron Works, foot W Wellington, Chicago, Ill.
White, Robt., ft of Columhia, Brooklyn, N. Y.
Wickes Bros., Saginaw, Mich
Willamette Iron & Steel Works, Portland, Oregon

Engines (Marine, Gas or Gasoline)

This List is duplicated under the head of Engines, Gas & Gasoline.

(See also Engines, Yacht or Launch)

Astoria Iron Works (Inc.), Astoria, Ore.
Bilick Mfg. Co., Detroit, Mich.
Central Iron Works, Quincy, Ill.
Chase Machine Co., 111 Elm, Cleveland, O.
don. Eng. (See adv. index, end of book)
Connecticut Valley Mfg. Co. (Gasoline), Centre Brook, Conn.
Cos Cob Motor & Launch Co. (& Naphtha), Cos Cob, Conn.
Detroit River Gasoline Engine Works (Gasoline), 677 Atwater, Detroit, Mich.
Dimmer Machine Works, Detroit, Mich.
Eagle Bicycle Mfg. Co. (4 to 6 Gas), Torrington, Conn.
FAIRBANKS, MORSE & CO. (Gasoline), Franklin & Monroe, Chicago, Ill.; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th,, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Ore.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, England. (See adv. index, end of book)
Fay & Bowen (Two Cycle), Auburn, N. Y.
Globe Iron Works Co., 2425 University av, S E. Minneapolis, Minn
Grand Rapids Gas Engine & Yacht Co., Grand Rapids, Mich.
Great Lakes Engineering Works, Detroit, Mich.
Hashrouck Motor Works (4 Cycle Gasoline). West Mystic, Conn.
Johnston Gasoline Motor Co. (Gas & Gasoline), Manchester, N. H.
Kowalsky, J. (Gas & Gasoline), 3200 Penn av, Pittsburg, Pa.
Lake Shore Engine Works (Gasoline), Marquette, Mich.
Lozier Motor Co. (2 Cycle Gasoline), 1 B'way, New York, & Plattsburgh, N. Y.
Michigan Steel Boat Co., Detroit, Mich.
Montague Iron Works Co. (Gasoline), Montague, Mich.
Motor Vehicle Power Co., 1221 Spg. Garden, Phila., Pa.
Murray, W. B. (Gasoline), 1253 Milwaukee av, Chicago, Ill.
Palmer Bros. (Gasoline), Cos Cob, Conn.
Penna. Iron Works Co., Land Title bldg, Phila., Pa.
Presler-Crawley Mfg. Co., 219 W. 2d, Cincinnati, O.
Rice, John V. & Co., Bordentown, N. J.
Royal Equipment Co. ("Royal" 4 Cycle Reversihle), Bridgeport, Conn.
Spaulding Gas Engine Works (2 & 4 Cycle), St. Joseph, Mich.
Stamford Motor Co. (Gasoline), Stamford, Conn.
Standard Motor Mfg. Co., Jersey City, N. J.
Swan Electric Mfg. Co. (Electro-Gasoline), 21 State, New York. Factory, Middletown, Conn.
Trebert Auto & Marine Motor Co., Rochester, N. Y.
Truscott Boat Mfg. Co., St. Joseph, Mich.
Western Gas Engine Co., Mishawaka, Ind.
Wolverine Motor Works (Gas & Gasoline), Grand Rapids, Mich.

Engines (Mining)

(See also Hoists; also Locomotives.)

Beatty, M. & Sons, Welland, Ontario, Can.
Byers, John F. Machine Co., Ravenna, O.
Denver Engineering Works Co. (Direct Acting), Blake & 30th, Denver, Colo.
LAMBERT HOISTING ENGINE CO. Main Office and Works, 115 Poinier, Newark, N. J.; 85 Liberty, New York; 117 Main, Cambridge, Boston, Mass.; 1715-1717 Market, Phila., Pa.; Lacock & Sandusky, Allegheny, Pa.; 248-250 Water, Toledo, O.; 715-717 N 2d, St. Louis, Mo.; 232 5th av, Chicago, Ill., & Stewart & Folsom, San Francisco, Cal. (See adv. front colored page)
LIDGERWOOD MFG. CO., 96 Liberty, New York, & Old Colony bldg, Chicago. (See adv. front colored page)
MUNDY, J. S., 22 Prospect, Newark, N. J. (See adv. front colored page)
NATIONAL HOISTING ENGINE CO., Harrison, N. J. (See adv. index, end of book)

Engines (Mounted on Wheels)

(See Engines, Portable on Wheels.)

Engines (Naphtha)

Gas Engine & Power Co. & Chas. L. Seabury & Co., 11 B'way, New York, & Morris Heights, N. Y.

Engines (Oil)

Acme Oil Engine Co., Bridgeport, Conn.
American Diesel Engine Co. (Fuel Oil, 75 to 225 H.-P.), 11 B'way, New York
Bowen Electric Co. (Kerosene), 58 Point, Providence, R. I.
Davis Gasoline Engine Co., Waterloo, Ia.
De La Vergne Refrigerating Machine Co., ft E 138th, N. Y.; St. Louis, Mo.; Cinn., O.; Girard bldg, Phila., Pa.; Tremont bldg, Boston, Mass., & Security bldg, Chicago.
Economist Gas Engine Co. (Crude Oil), San Francisco, Cal.
FAIRBANKS, MORSE & CO. (Kerosene or Crude Oil), Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut,, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av., St. Louis; 1217 Union av., Kansas City, Mo.; 234 E. 3rd, St. Paul; 220 Nicollet av., Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London Eng. (See adv. index, end of book)
General Power Co., 81 Fulton, N. Y.
Greendale Gas Engine Co., Worcester, Mass.
International Power Vehicle Co. (Kerosene). Stamford, Conn.
Mackay Engine Co., Pontiac, Mich.
Mietz, August (Kerosene, also Gas), 128 Mott, New York
N. Y. Kerosene Oil Engine Co., 31 Burling st., New York
Oriental Gas Engine Works, 227 Folsom, San Francisco, Cal.
Reliance Gas & Oil Engine Co, Milwaukee, Wis.
Rochester Machine Tool Works ("Acme"), Rochester, N. Y.
Strang Engine Co. (Kerosene), 140 Dearborn, Chicago, Ill.
Worthington, W. W. ("Secor" Pumping, etc.), 118 Liberty, New York

Engines (Oil Well Drilling)

Struthers-Wells Co., 26 Cortlandt, New York; Pittsburg, Pa. Works, Warren, Pa.

Engines (Pneumatic)

(See also Motors, Pneumatic.)

Dake Engine Co. (Stationary), Grand Haven, Mich.
Empire Engine & Motor Co. (Hoisting), Orangeburg, N. Y.
Pilling-Kruse Air Engine Works, Bucyrus, O.

Engines (Portable)

This List is duplicated under the head of Engines, Steam.

CALIFORNIA.

SAN FRANCISCO—**LAMBERT HOISTING ENGINE CO.**, Stewart & Folsom. (See adv. front colored page.)
Marshutz & Cantrell, Main c Howard
Risdon Iron & Locomotive Wks., Howard & Beale
Union Iron Works, 222 Market

GEORGIA.

AUGUSTA—Lombard Iron Works & Supply Co.

ILLINOIS.

CHICAGO—Allis-Chalmers Co., New York Life bldg
Anderson, Carl Co. (Portable, Gasoline, on Wheels), 27 N Clinton
BUDA FOUNDRY & MFG. CO., Railway Exchange bldg. (See adv. index, end of book)
LAMBERT HOISTING ENGINE CO., 232 5th av. (See adv. front colored page)
LIDGERWOOD MFG. CO. (Hoisting), Old Colony bldg. (See adv. front colored page.)
Willard, Chas. P. & Co., 24 W Randolph
HARVEY—**BUDA FOUNDRY & MFG. CO.** (See adv. index, end of book)
JOLIET—Bates Machine Co.

INDIANA.

EVANSVILLE—Heilman Machine Works
INDIANAPOLIS—Atlas Engine Works (10 to 40 h. p.)
Chandler & Taylor Co. (12 to 25 h. p.)
LA PORTE—Rumely, M. Co. (6 to 30 h. p.)
RICHMOND—Richmond Machine Works (1 to 90 h. p.)
Robinson & Co.

IOWA.

BURLINGTON—Murray Iron Works Co. (Semi-Portable)

MARYLAND.

BALTIMORE—Frank, Ernest T. & Son (6 to 25 h. p.), 426 W Pratt

MASSACHUSETTS.

CAMBRIDGE—Field, Walter W., 117 Main
LAMBERT HOISTING ENGINE CO., 117 Main. (See adv. front colored page.)
RAWSON & MORRISON MFG. CO., (See adv. index, end of book)
FITCHBURG—Fitchburg Steam Engine Co. (Semi-Portable)

MICHIGAN.

KALAMAZOO—Clark, Geo. Engine & Boiler Co. (6 to 25 h. p.)
PORT HURON—Port Huron Engine & Thresher Co. (Simplex & Compound)

MISSOURI.

ST. LOUIS—**LAMBERT HOISTING ENGINE CO.,** 715-717 N 2d. (See adv. front colored page.)

NEW JERSEY.

JERSEY CITY—Maslin, Jno. & Son, 165 1st
NEWARK—Hartig Standard Gas Engine Co. (Gas & Gasoline), 14 Commercial
LAMBERT HOISTING ENGINE CO., Main Office & Works, 115-121 Poinier. (See adv. front colored page.)

NEW YORK.

AUBURN—New Birdsall Co. (6 to 20 h. p.)
McIntosh, Seymour & Co.
BINGHAMTON—Shapley & Wells (3 to 15 h. p.)
BUFFALO—Buffalo Pitts Co. (On Wheels or Skids)
NEW YORK—Allis-Chalmers Co., 71 B'way
LAMBERT HOISTING ENGINE CO., 85 Liberty. (See adv. front colored page)
Leffel, James & Co. (Inc.), (3 to 26 h. p.), 120 Liberty
LIDGERWOOD MFG. CO. (Hoisting), 96 Liberty. (See. adv. front colored page.)
Oil City Boiler Works, 39 Cortlandt
ONEIDA—Oneida Iron Works (5 to 20 h. p.)
OSWEGO—Ames Iron Works ("Vim," 6 to 50 h. p.)
WATERTOWN—Watertown Engine Co. (6 to 40 h. p.)

NORTH CAROLINA.

SALEM—Salem Iron Works (Mounted on Skids or Wheels)

OHIO.

CINCINNATI—Smith, Myers & Schnier (16 to 50 h. p.), 621 W Front
CLEVELAND—Union Machine & Boiler Co., 108 River
COLUMBIANA—Enterprise Mfg. Co.
DAYTON—Brownell Co. (2 to 40 h. p.)
FREMONT—June, D. & Co. (6 to 20 b. p.)
MANSFIELD—Aultman & Taylor Machinery Co. (6 to 20 h. p.)
MARTIN'S FERRY—Spence, L. & Son (6 to 30 h. p.)
NEWARK—McNamar Machine Works (8 to 40 h. p.)
Scheidler Machine Works Co. (8 to 40 h. p.)
SPRINGFIELD—Kelly, O. S. Co.
Leffel, James & Co. (3 to 26 h. p.)
TOLEDO—**LAMBERT HOISTING ENGINE CO.,** 248-250 Water. (See adv. front colored page.)

PENNSYLVANIA.

ALLEGHENY — **LAMBERT HOISTING ENGINE CO.,** Lacock & Sandusky. (See adv. front colored page.)
ERIE—Bay State Iron Works
Erie City Iron Works (Throtttling, 15 to 55 h. p.; also on Skids)
Erie Engine Works (6 to 50 h. p.)
Nagle Engine & Boiler Works (6 to 50 h. p.)
Skinner Engine Co. (8 to 40 h. p.)
KENNETT SQUARE—American Road Machine Co.
LANCASTER—Best, John (Est. of.)
OIL CITY—Oil City Boiler Works (4 to 40 h. p.)
PHILADELPHIA—**LAMBERT HOISTING ENGINE CO.,** 1715-1717 Market. (See adv. front colored page.)
PITTSBURG — **WESTINGHOUSE MA**chine Co., The (5 to 25 h. p.)
SCRANTON—Allis-Chalmers Co.
TATAMY—Messinger Mfg. Co.
WAYNESBORO—Frick Co.
Geiser Mfg. Co. (On Wheels or Sills)
YORK—Farquhar, A. B. Co. (4 to 40 h. p.)

RHODE ISLAND.

PROVIDENCE—Fuller Iron Works, 40 Tockwotton

TENNESSEE.

CHATTANOOGA—Walsh & Weidner Boiler Co.
JACKSON—Southern Engine & Boiler Works (Inc.) (Portable, on Wheels), Jackson, Tenn.

VIRGINIA.

RICHMOND—Talbott & Sons (6 to 40 h. p.), 9 S 14th

WISCONSIN.

MILWAUKEE—Allis-Chalmers Co. (Hoisting)
RACINE—Case, J. I. Threshing Machine Co.

Engines (Portable Hoisting)

Bacon, Earle C., 26 Cortlandt, New York
Contractors Plant Mfg. Co., 129 Erie, Buffalo, N. Y.
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y., & 42 Dey, N. Y. (See adv. index, end of book)
LAMBERT HOISTING ENGINE CO., Main Office & Works, 115-121 Poinier, Newark, N. J.; 85 Liberty, N. Y.; 117 Main, Cambridge, Boston, Mass., 1715-1717 Market, Phila., Pa.; Lacock & Sandusky, Allegheny, Pa.; 248-250 Water, Toledo, O.; 715-717 N 2d, St. Louis, Mo.; 232 5th av, Chicago, Ill., & Stewart & Folsom, San Francisco, Cal. (See adv., front colored page.)
LIDGERWOOD MFG. CO., 96 Liberty, New York, & Old Colony bldg., Chicago, Ill. (See adv., front colored page.)
MONIGHAN'S MACHINE WORKS, 817 Carroll av., Chicago. (See adv. index, end of book)

Engines (Portable, on Wheels)

Ames Iron Works ("Vim," Agricultural); Oswego, N. Y.
Buffalo Pitts Co., Buffalo, N. Y.
Case, J. I. Threshing Machine Co., Racine, Wis.
Climax Road Machine Co., Marathon, N. Y.
Eureka Bark Mill Co., Lancaster, Pa.
FAIRBANKS, MORSE & CO. (Gasoline), Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, M.; 234 E 3d, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Farquhar, A. B. Co. (Ltd.), York, Pa.
Huber Mfg. Co., Marion, O.
Messinger Mfg. Co., Tatamy, Pa.
Salem Iron Works, Salem, N. C.
Southern Engine & Boiler Works (Inc.), Jackson, Tenn.
Williams Bros., Ithaca, N. Y.

Engines (Pumping)

(See Pumping Machinery.)

Engines (Pumping, Gas & Gasoline)

Anderson, Carl Co., 27 N Clinton, Chicago, Ill.
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av., St. Louis; 1217 Union av., Kansas City, Mo.; 234 E. 3rd, St. Paul; 220 Nicollet av., Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Montague Iron Works Co. (Gasoline), Montague, Mich.
Otto Gas Engine Works (Gas), 360 Dearborn, Chicago, Ill.
Standard Pump & Engine Co., Cleveland, O.
Stickney, Chas. A. Co. (for Railroad Service, etc.), 204 Dearborn, Chicago, Ill.

Engines (Reversing)

(See also Engines, Rolling Mill.)

Allis-Chalmers Co. ("Reynolds," Horizontal & Vertical), New York Life bldg, Chicago, Ill., & 71 B'way, New York
Buckeye Engine Co., Salem, O.
Hogg, Geo. A. Iron & Steel Foundry Co. ("Aetna"), 24th & R. R., Pittsburg, Pa.
Mackintosh, Hemphill & Co., ft. of 12th, Pittsburg, Pa.
Mesta Machine Co., Pittsburg, Pa.
Southwark Foundry & Machine Co., Passyunk Station, Philadelphia, Pa.
Tod, Wm. Co., Youngstown, O.
Wellman-Seaver-Morgan Co., Cleveland, O., & Akron, O.

Engines (Rolling Mill)

(See also Rolling Mill Machinery.)

Allis-Chalmers Co. ("Reynolds"), New York Life bldg, Chicago, Ill., & 71 B'way, New York
Brown Corliss Engine Co., Corliss, Wis.
Cooper, C. & G. Co., Mt. Vernon, O.
Frick Co., Waynesboro, Pa.
Hogg, Geo. A. Iron & Steel Foundry Co. ("Aetna"), Pittsburg, Pa.
Hooven, Owens & Rentschler Co., Hamilton, O.
Lane & Bodley Co., John & Water, Cincinnati, O.
Mackintosh, Hemphill & Co., Pittsburg, Pa.
Mesta Machine Co., Pittsburg, Pa.
MINNEAPOLIS STEEL & MACHINERY CO., Minneapolis, Minn. (See adv. index, end of book)
Newbold, R. S. & Son Co., Norristown, Pa.
Phillips', F. R. & Sons Co., Penna. bldg., Phila., Pa.
Portland Co., Portland, Me.
Rarig, A. K. Engineering Co., Columbus, O.
Reading Iron Co., Reading, Pa.
St. Louis Iron & Machine Works, St. Louis, Mo.
Southwark Foundry & Machine Co., Phila., Pa.
Spence, L. & Son, Martin's Ferry, O.
Tod, Wm. Co., Youngstown, O.
Wellman-Seaver-Morgan Co., Cleveland, O., & Akron, O.
West Penn Foundry & Machine Co., Avonmore, Pa.

Engines (Steam)

All other Lists of Engine Builders in this book are duplications of this List, excepting Engines, Gas & Gasoline of various kinds, and Engines, Traction; Engines, Oil, and Engines, Hot Air.

ALABAMA.

BIRMINGHAM—Bartlett, Tewksbury Machine Mfg. Co.

Birmingham Machine & Foundry Co., E B'ham
Hardie-Tynes Mfg. Co.
Willlamson Iron Co.
MONTGOMER—Janney, A. A. & Co.
NEW DECATUR—North Alabama Engineering Co. (Heavy Duty, Balance Slide Valve)
SELMA—Peacock's Iron Works
Union Iron Works Co.

ARKANSAS.

FORT SMITH—Ketcham Iron Co.
LITTLE ROCK—Weirfritz, E. C. Machinery & Supply Co.
Wing & Stephens Co.

CALIFORNIA.

LOS ANGELES—Fulton Engine Works, Chavez c Queirolo
Unlon Iron Works, 400 E 1st
SACRAMENTO—Root, Nellson & Co.
SAN FRANCISCO—Bluxome St. Foundry, 155 Bluxome
Burton, Isaac L., 44 Main
Cyclops Iron Works, 115 Beale
Evans, C. H. & Co. (Marine), 181 Fremont
Fulton Eng. & Ship Bldg. Works, 15 1st
Garratt, W. T. & Co., 138 Fremont
Golden State & Miners' Iron Works, 231 1st
Hendy, Joshua Machine Works, 38 Fremont
Jackson, Byron (Cross Compound), 411 Market
Krogh Mfg. Co., 9 Stevenson
LAMBERT HOISTING ENGINE CO. (of Newark, N. J.), Steuart & Folsom. (See adv. front colored page)
Main St. Iron Works, 131 Maln
Marshutz & Cantrell, c Main & Howard
Murray Bros., 231 Folsom
Ohmen, Wm. H., 221 Mission
Risdon Iron & Locomotive Works, cor. Steuart & Folsom
Unlon Iron Works (Automatic), 222 Market
Vulcan Iron Works, 505 Mission
STOCKTON—Globe Iron Works (Inc.)

COLORADO.

DENVER—Card & Weber Machine Co., 1437 Blake
Davis, F. M. Iron Works Co., 723 Larimer
Denver Engineering Works Co., Blake c 30th
Stearns-Roger Mfg. Co., 1718 Callfornia

CONNECTICUT.

BRIDGEPORT—American & British Mfg. Co. ("Corliss" or "Green Wheelock")
Coulter & McKenzie Machine Co.
Paclfic Iron Works (Inc.) (Automatic)
NEW BRITAIN—New Britain Machine Co. ("The Case" Automatic)
NEW HAVEN—Rowland, F. C. & A. E. (Automatic), 413 Chapel
Twiss, N. W. (Automatic), 28 Whitney av
NEW LONDON—Morgan Iron Works
New London Gas & Electric Co.
SOUTH NORWALK—**NORWALK IRON WORKS CO.** (See adv. index, end of book)
TORRINGTON—Eagle Bicycle Mfg. Co. (Stationary)

DELAWARE.

WILMINGTON—Harlan & Hollingsworth Co. (Marlne)
Pusey & Jones Co. (Stationary)
Remington Machine Co.

FLORIDA.

JACKSONVILLE—Merrill-Stevens (Marine)

GEORGIA.

ATLANTA—De Loach Mill Mfg. Co.
Fulton Foundry & Machlne Works, 490 Marletta
MACON—Schofield, J. S. Sons Co.
NEWNAN—Cole, R. D. Mfg. Co.
SAVANNAH—Kehoe, Wm. & Sons

ILLINOIS.

AURORA—American Well Works
CHICAGO—Allis-Chalmers Co. ("Reynolds" Corliss Compound Tamden, Expansion & Triple Expansion), New York Life bldg
Ames Iron Works (Works, Oswego, N. Y.), Monadnock blk
ANDREWS & JOHNSON CO., 256 Washington boul, 3 to 10 h. p. (See adv. index, end of book)
Atlas Engine Works (of Indianapolis), 8 S Canal
Ball Engine Co. (of N. Y. city), 1526 Monadnock blk
Brownell Co. (of Dayton, O.), 184 Wash'n
Buckeye Engine Co. (of Salem, O.), 204 Dearborn
Camp Engineering Co. (Rebuilt Engines), 47 W. Lake
Chicago Ship Building Co. (Marlne), 101st & Calumet River, & "Rookery" bldg.
Erle City Iron Works (of Erle, Pa.), 34 W Monroe
FAIRBANKS, MORSE & CO., c. Franklin & Monroe. (See adv. index, end of book)
Haberkamp, Wm., 24 Ohio
Ide, A. L. & Sons (of Springfield, Ill.), 1203 Marquette bldg
LAMBERT HOISTING ENGINE CO. (of Newark, N. J.), 232 5th av. (See adv. front colored page)
Nagle Engine & Boller Works, 44 S. Jefferson
New York Safety Steam Power Co. (of N. Y. city), 60 S Canal
Orr & Sembower (of Reading, Pa.), 60 S Canal
Phoenix Iron Works Co. (of Meadville, Pa.) ("Automatic 20 to 600 h. p."), The Rookery
SHAW, WILLIS. (Mfrs. Agents), 171 La Salle. (See adv. index, end of book)
STURTEVANT, B. F. CO., 281 S Clinton. Works, Hyde Park, Mass. (See adv. index, end of book)
SULLIVAN MACHINERY CO., 1506 Railway Exchange. (See adv. index, end of book)
Troy Engine & Machine Co., 1502 Monadnock blk
Vulcan Iron Works (Yacht & Tow Boat), 59 Milwaukee av
Warrington Iron Works (Marine, etc.), ft. Wellington
Willard, Chas. P. & Co., 49 S Canal
DECATUR—Oakes, Wm. L.
GALENA—Westwick, John & Son (2 to 20 h. p.)
GALESBURG—Frost Mfg. Co. (Automatic, 7 to 150 h. p.)
JOLIET—Bates Machine Co.
LITCHFIELD—Litchfield Foundry & Machine Co.
MATTOON—Chuse Engine & Mfg. Co.
PEORIA—Armstrong, Jas. C.
QUINCY—Quincy Engine Works ("Williams" Vertical, Compound & Triple Expanslon, 400 to 2500 h. p.)
SPRINGFIELD—Ide, A. L. & Sons (Automatic Self-Oiling, Simple & Compound)
STREATOR—Graves, L. L.

INDIANA.

ANDERSON—Anderson Foundry & Machine Works
ANGOLA—Angola Engine & Foundry Co.
BLUFFTON—Grimes, G. W.
BRAZIL—Crawford & McCrlmmon Co.
EVANSVILLE—Heilman Machine Works
Holtz, Ferdlnand
FORT WAYNE—Bass Foundry & Machine Co. (Automatic," 35 to 100 h. p.)
Fort Wayne Foundry & Machine Co. (Automatic)
INDIANAPOLIS—Atlas Engine Works (Automatic, 10 to 500 h. p.)
Chandler & Taylor Co. (Automatic Throttling, High-Speed Cut-Off, Compound & Plain Slide Valve), 740 W Wash'n av
Howe Engine Co., c Hillside & Bloyd avs
Sinker-Davis Co.
LAFAYETTE—Wallace Machine & Foundry Co.
MUNCIE—Carpenter, Albert G.
RICHMOND—Gaar, Scott & Co. (Ltd.)
Quaker City Machine Co.
Richmond Machine Works ("Automatic," 6 to 75 h. p.)
Robinson & Co.
TERRE HAUTE—O'Neil & Sutphen
Prox & Brinkman Mfg. Co.

IOWA.

BURLINGTON—Murray Iron Works Co. (Center Crank, etc.)
CEDAR RAPIDS—Carmody, J. T.
COUNCIL BLUFFS—Sprague Foundry & Mfg. Co. (Automatic) (Ogden)
DAVENPORT—Davenport Foundry & Machine Co. ("Automatic," 30 to 400 h. p.)
DES MOINES—Des Molnes Mfg. & Supply Co.
MARSHALLTOWN—Shorthill, A. E. Co.
OTTUMWA—Ottumwa Iron Works (also Air)

KANSAS.

ABILENE—Parker, C. W. Amusement Co.
ENTERPRISE—Ehrsam, J. B. & Sons Mfg. Co.
KANSAS CITY—Riverside Iron Works Co.

KENTUCKY.

COVINGTON—Houston, Stanwood & Gamble Co. (Throttling, Standard, Duty, etc.)
LEXINGTON—Lexington Engine & Saw Mill Works
LOUISVILLE—Grainger & Co., 129 10th
Vogt, Henry, Machine Co., 327 E Maln

LOUISIANA.

NEW ORLEANS—Murphy, Jno. H., 633 Magazine
Shakespeare Iron Works, 913 Girod
SHREVEPORT—Henderson W. K. Iron Works & Supply Co.

MAINE.

BATH—Bath Iron Works
HALLOWELL—Davenport, S. F. (Yacht)
Fuller's, G. Sons
MECHANIC FALLS—Penney, J. W. & Sons Co. ("Automatic," 8 to 35 h. p.)
PORTLAND—Adde & Co., 59 Kennebec
Orr & Jennings, 311 Fore
Portland Co. (10 to 300 h. p.), 58 Fore

MARYLAND.

BALTIMORE—Murray, James & Son, 102 E York
Poole, Robert & Son Co., 233 E German
Zies, Chas., 318 S Fremont av
CUMBERLAND—McKaig, Merwin (10 to 100 h. p.)
SPARROWS POINT—Maryland Steel Co. (Marine, etc.)

MASSACHUSETTS.

BOSTON—Ames Iron Works (of Oswego, N. Y.), 8 Oliver
Atlantic Works (Marine), 70 Border, E. B.
Bertelson & Peterson, 140 Border, E. B.
Clark, Edward S., 272 Freeport
Cunningham Engineering Co., Tremont bldg.
Fitzhenry, E. L. & Co., 36 Wash'n, N.
Lockwood Mfg. Co. (Marine), E. Boston
McLaughlin, Geo. G. Mfg. Co. (Automatic), 812 E. 6th
Paine, Jas. H. & Son, c Clayton & Park, Dor.
STURTEVAT, B. F. CO., 34 Oliver. Works, Hyde Park, Mass. (See adv. index, end of book)
CAMBRIDGE—Field, Walter W., 119 Main
LAMBERT HOISTING ENGINE CO. (of Newark, N. J.), 117 Main. (See adv. front colored page)

CAMBRIDGEPORT—**RAWSON & MORRISON** Mfg. Co. (See adv. index, end of book)
FITCHBURG—Brown, C. H. & Co. (Automatic)
Fitchburg Steam Engine Co. (Automatic)
Putnam Machine Co. ("Automatic," 20 to 650 h. p.)
HOLYOKE—Perkins, B. F. & Sons
HYDE PARK—Boston Blower Co.
STURTEVANT, B. F. CO. (See adv. index, end of book)
LAWRENCE—Lawrence Machine Co.
Lawrence Pump & Engine Co.
MARLBORO—Parsons, Henry & Son.
NEWBURYPORT—Davis, F. E.
QUINCY—Fore River Ship Building Co. (Marine)
SPRINGFIELD—Ford, H.
Hannan & Finton
Russell, John W.
TAUNTON—Mason Machine Works
Taunton Locomotive Mfg. Co.
WORCESTER—Burlingame, A. Co. (Corliss, High Speed Automatic & Semi-Portable)
Knight, Ethel O., 70 Central
Union Machine Co. (3 to 30 h. p.), 161 Union

MICHIGAN.

ALMA—Montingel, J. M.
ALPENA—Kline, Lewis T.
BATTLE CREEK—Davis, W. T. & Co.
BAY CITY—MacKinnon Mfg. Co. (Marine)
Marine Iron Co.
Smalley Motor Co.
COMSTOCK—Comstock Mfg. Co. (Automatic)
DETROIT—American Blower Co.
Detroit Shipbuilding Co.
Dodge Bros., 137 Beaubien
Great Lakes Engineering Works, Rivard & Detroit River
Murphy Iron Works, ft Walker
Wilson J. B. & Co., c W Fort & 13th
GRAND RAPIDS—Leitelt, Adolph Iron Works, 5 Erie
KALAMAZOO—Clark Engine & Boiler Co. (Horizontal & Vertical)
LAPEER—McDonald's, Wm. Sons
MANISTEE—Manistee Iron Works (Twin Feed)
MARQUETTE—Lakeshore Engine Works (Inc.)
Lakeside Iron Works Co.
MONTAGUE—Montague Iron Works Co.
MUSKEGON—Rodgers Iron Mfg. Co.
PETOSKEY—Middleditch, Philip
PORT HURON—Jenks Ship Bldg. Co. (Marine & Stationary)
SAGINAW—Bartlett, A. F. & Co. (Corliss, Slide Valve & Hoisting, etc.)
Jackson & Church Co.
Wickes Bros.
ST. JOHNS—Richmond & Holmes.

MINNESOTA.

DULUTH—Northwestern Steam Boiler Mfg. Co.
MANKATO—Mankato Mfg. Co.
MINNEAPOLIS—Huber Mfg. Co., 500 Wash'n av
Wallof, E. G. Machine Works, 109 3d av, N
ST. PAUL—Waterous Engine Works Co.

MISSISSIPPI.

CORINTH—Adams, W. T. Machine Co.
Corinth Engine & Boiler Works
MERIDIAN—Martin Machine Works

MISSOURI.

JOPLIN—Freeman, J. W.
KANSAS CITY—Strait, H. N. (Corliss, etc.)
ST. LOUIS—Curtis & Co. Mfg. Co., 2201 Wash'n av
Ellison, Wm. & Sons Mfg. Co., 1018 N 6th
Fulton Iron Works, 2d & Carr
Kingsland Mfg. Co., 1521 N 11th
LAMBERT HOISTING ENGINE CO. (of Newark, N. J.), 715-717 N 2d. (See adv. front colored page)
Ramming, Jno. Machine Co. (Automatic), 300 S Main
St. Louis Iron & Machine Works (Corliss), 126 Chouteau av
St. Louis Steam Engine Co., 16 S Commercial
South St. Louis Foundry (Slide Valve, "Automatic,,) 121 E Steins
SPRINGFIELD—United Iron Works Co.

NEBRASKA.

FREMONT—Fremont Foundry & Machine Co.
LINCOLN—Smith, R. L., Machine Works
OMAHA—Drake-Williams-Mount Co.

NEW HAMPSHIRE.

CONCORD—Concord Machine Co.
LANCASTER—Thompson Mfg. Co.
NASHUA—Rollins Engine Co. ("Automatic," Cut-Off, 20 to 600 h. p.)

NEW JERSEY.

BOUND BROOK—American Engine Co. (American Ball Duplex Compound)
BRIDGETON—Cox & Sons Co.
CAMDEN—Dialogue, Jno. H. & Son (Marine)
ELIZABETH—Ball & Wood Co. (Automatic), 3d c Trumbull
GLOUCESTER CITY—Rogers, John M., Boat, Gauge & Drill Works
HOBOKEN—Fletcher, W. & A. Co., 3d, c Hudson
Forbes, W. D. Co., 1300 Hudson
JERSEY CITY—Smith, Theo. & Sons Co., ft Essex
NEWARK—Currier, C. & Sons (25 to 500 h. p.), 21 Railroad pl
Hewes & Phillips Iron Works, Orange, c Ogden
LAMBERT HOISTING ENGINE CO., Main Office & Works, 115-121 Poinier. (See adv., front colored page.)
MUNDY, J. S., 22 Prospect. (See adv. front col'd page)
Royal Machine Co. (Automatic), 61 N. J. R. R. av
Seymour, J. M., Jr., 43 Lawrence
Watts-Campbell Co., 298 Ogden
NEW BRUNSWICK—Francke, W. J.
PATERSON—Sipp Electric & Machine Co.
PERTH AMBOY—Perth Amboy Ship Building & Engineering Co. (Marine)
Schantz & Eckert (Marine, etc.)
TRENTON—MacKenzie, Duncan & Sons Co., Hamilton av c Clark
Reeves Engine Co., Parker & Randolph
Thropp, John E. Sons Co. (Marine), ft of Lewis

NEW YORK.

ALBANY—Breslin Bros. 68 Church
AMSTERDAM—Smeallie Bros.
AUBURN—McIntosh, Seymour & Co. (Compound, Triple, Expansion, Tandem, etc.)
New Birdsall Co.
BALDWINSVILLE — **MORRIS MACHINE WORKS** (15 to 110 h. p.). (See adv. index, end of book)
BELMONT—Clark Bros. Co.
BINGHAMTON—Shapley & Wells (8 to 20 h. p.)
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Bell, David Engineering Works, Evans & Norton
Buffalo Engine Co., 12 Perry
Buffalo Forge Co. (Automatic), 480 B'way
Buffalo Pitts. Co., Carolina & 4th
Farrar & Trefts, 54 Perry (4 to 30 h. p.)
Frontier Engine Works, ft of Illinois
King Iron Works (Trout & Hickok, Props.) (Marine), 226 Ohio
Queen City Engineering Co., Mississippi c Perry
Ruger, J. W. Mfg. Co., 228 Chicago
Whitman Mfg. Co., 180 Ohio
CLYDE—Wood, S. W. & Son
ELMIRA—Payne Co. (Automatic)
FISHKILL-ON-THE-HUDSON—Fishkill Landing Machine Co.
GENEVA—N. Y. Central Iron Works Co. (15 to 100 h. p.)
JAMESTOWN—Nichols, Benj. & Son
KINGSTON—McEntee, John (Rondout)
NEWBURGH—Abendroth & Root Mfg. Co.
Coldwell-Wilcox Co.
Newburgh Ice Machine & Engine Co.

NEW YORK CITY.

Borough of Brooklyn

BROOKLYN—Columbia Engineering Works, c Imlay & Williams
Guild & Garrison, Kent av c S 10th
Pioneer Iron Works, 151 William
Riley & Cowley, Richards, c Bowne
White Robt. Engineering Works (Inc.), 93 Hamilton

Boroughs of Manhattan & Bronx

NEW YORK—Allis-Chalmers Co. ("Reynolds," Corliss, Compound, Tandem, Expansion & Triple Expansion, etc.), 71 B'way
American Engine Co. (American Ball Duplex Compound), 95 Liberty
Ames Iron Works (16 to 100 h. p.), 149 B'way. Works, Oswego, N. Y.
Armington & Sims Engine Co., 121 Liberty Works, Providence, R. I.
Ball & Wood Co. ("Automatic," 50 to 600 h. p.), 17 Battery pl
Bass Foundry & Machine Co., 141 B'way. Works, Fort Wayne, Ind.
Bates Machine Co., 95 Liberty. Works, Joliet, Ill.
Buckeye Engine Co., 39 Cortlandt, Works, Salem, O.
Christie Iron Works, 518 E 18th
Cooper, C. & G. Co., 26 Cortlandt, Works, Mt. Vernon, O.
Fitchburg Steam Engine Co., 39 Cortlandt, Works, Fitchburg, Mass.
Frick Co., 39 Cortlandt, Works, Waynesboro, Pa.
Gas Engine & Power Co. & Chas. L. Seabury & Co., Morris Heights, & 11 B'way
Harrisburg Foundry & Machine Works, 114 Liberty, Works, Harrisburg, Pa.
Hooven, Owens & Rentschler (100 to 500 h. p.), 39 Cortlandt. Main office, Hamilton, O.
Houston, Stanwood & Gamble Co., 39 Cortlandt; Works, Covington, Ky.
Hunt, C. W. Co. (Heavy Duty), 45 B'way
LAMBERT HOISTING ENGINE CO. (of Newark, N. J.), 85 Liberty. (See adv. front colored page)
Lane & Bodley Co., 120 Liberty; Works, Cincinnati, O.
McIntosh, Seymour & Co., 26 Cortlandt; Works, Auburn, N. Y.
N. Y. Safety Steam Power Co. ("Automatic," 15 to 200 h. p.), 113 Liberty
Oil City Boiler Works, 39 Cortlandt; Works, Oil City, Pa.
Palmer, N. F., 742 E 12th, N. Y.
Penn Iron Works Co., 136 Liberty. Works, Phila., Pa.
Phoenix Iron Works Co. ("Automatic," 20 to 600 h. p.), 39 Cortlandt; Works, Meadville, Pa.
Providence Engineering Works (of Providence, R. I.), 42 B'way
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
RAWSON & MORRISON MFG. CO., 11 B'way. (See adv. index, end of book)
Ridgway Dynamo & Engine Co., 149 B'way; Works, Ridgway, Pa.
Rife's Hydraulic Engine Mfg. Co., 126 Liberty
Roots, P. H. & F. M. Co., 120 Liberty. Works, Connersville, Ind.
Stearns Mfg. Co., 95 Liberty; Works, Erie, Pa.
Struthers-Wells Co., 26 Cortlandt. Works, Warren, Pa.
STURTEVANT, B. F. CO., 131 Liberty. Works, Hyde Park, Mass. (See adv. index, end of book)
Tod, Wm. Co. (of Youngstown, O.), 29 B'way
Watertown Engine Co. (Slow Speed, Single, Double & Four Valve, High Speed, Corliss, Throttling & Automatic), 39 Cortlandt. Works, Watertown, N. Y.
WESTINGHOUSE MACHINE CO., The, 8 Bridge. Works, East Pittsburg, Pa. (See adv. index, end of book)

(END OF NEW YORK CITY.)

OGDENSBURG—Nash Bros. & Co.
ONEIDA—Oneida Iron Works
OSWEGO—Ames Iron Works ("Vim & Regel" Automatic Regel, Throttling, Automatic, High Speed, 10 to 500 h. p.)
Kingsford Foundry & Mach. Works
PAINTED POST—Imperial Engine Co.
ROCHESTER—Rochester Machine Tool Works, 3 Franz
RONDOUT—(See Kingston)
SALAMANCA—Benedict Mfg. Co.
SYRACUSE—Barber Bros., 500 E Water
McMillan Engine & Machine Co., 613 E. Water

Straight Line Engine Co. (25 to 125 h. p.), 218 S Geddes
TONAWANDA—Mahar, Jno.
TROY—Knowlson & Kelly
Troy Engine & Machine Co.
UTICA—Utica Steam Engine & Boiler Works
VERNON—Pohl, Geo. D. Mfg. Co.
WATERTOWN—Watertown Engine Co. (High-Speed, Corliss, Throttling & Automatic)
WELLSVILLE—McEwen Bros. (5 to 50 h. p.)

NORTH CAROLINA.

CHARLOTTE—Liddell Co. (Inc.) (Automatic)
Mecklenburg Iron Works
GREENSBORO—Sergeant Mfg. Co.
HIGH POINT—High Point Machine Works
SALEM—Salem Iron Works (Centre Crank)
SANFORD—Moffitt Bros.

OHIO.

AKRON—Star Drilling Machine Co. (Upright)
Taplin, Rice & Co.
Wellman-Seaver-Morgan Co. (Automatic, Corliss, Hoisting, etc.)
ALLIANCE—Morgan Engineering Co.
BUCYRUS—New York Blower Co.
CANTON—Knight Mfg. Co.
CINCINNATI—Barnes, Chas. Co., 200 Sycamore
Blettner, Joseph B. & Co., 1976 Central av
Frisbie Engine & Machine Co., 35 E Water
Fritsch, Franeis Mfg. Co., McMicken av
Globe Machine Works, 118 W. 2d
Greenwald, I. & E. Co. (Automatic & Throttling, Simple & Compound), 720 E Pearl
Lane & Bodley Co. (Slide Valve, etc.), John c Water
Norton & Cole Machinery Co., 6th c Carr
Smith, Myers & Schnier Co., 621 W Front
Steigert, Leopold, eor Elder & Logan
CLEVELAND—American Ship Building Co., 120 Viaduct
Kilby Mfg. Co. (Automatie), Lake e Kirtland
Lord, Bowler & Co., 41 Center
McMyler Mfg. Co.
Manning-Stovering Machine Co., 100 Merwin
STRONG, CARLISLE & HAMMOND CO., 61 Frankfort. (See adv. index, end of book)
Union Machine & Boiler Co., 108 River
Wellman-Seaver-Morgan Co. (Automatic, Corliss, Hoisting, etc.)
COLUMBIANA—Enterprise Mfg. Co.
COLUMBUS—Columbus Machine Co.
Rarig Engineering Co.
DAYTON—Brownell Co.
Callahan, W. P. & Co.
Dayton Engine Works
FREMONT—June, D. & Co. (12 to 40 h. p.)
HAMILTON—Hooven, Owens & Rentschler Co.
IRONTON—Ironton Engine Co. (Self Oiling. 150 to 1500 h. p.)
LIMA—Golley & Finley Iron Works
MANSFIELD—Aultman & Taylor Machinery Co.
MARIETTA—Pattin Bros. Co.
MARION—Huber Mfg. Co. (5 to 25 h. p.)
MARTIN'S FERRY—Spence, L. & Son
MASSILLON—Russell Engine Co.
Russell & Co. (Automatic)
MT. VERNON—Cooper, C. & G. Co. ("Corliss," "Rolling Mill")
NELSONVILLE—Nelsonville Foundry & Machine Co.
NEWARK—McNamar Machine Works
Scheidler Machine Works Co.
POMEROY—Pomeroy Machine Co.
SALEM—Buckeye Engine Co. (Automatie, etc.)
SANDUSKY—Klotz Machine Co. (10 to 150 h. p.)
SPRINGFIELD—Kelly, O. S. Co.
Leffel, James & Co. (Automatic, also Throttling)
Trump Mfg. Co.
STEUBENVILLE—Irwin, Jas. O.
TOLEDO—**LAMBERT HOISTING ENGINE** Co. (of Newark, N. J.), 248 Water. (See adv. front colored page)
Ricard Boiler & Engine Co., 700 Water
Toledo Foundry & Machine Co., 202-218 Cherry
WELLINGTON—Wellington Machine Co.
WELLSVILLE—Stevenson Co.
WOOSTER—Barrett's B. Sons (5 h. p.)
YOUNGSTOWN—Sennett, Geo. B. Co. (20 to 40 h. p.)
Tod, William Co. (Porter Hamilton, Corliss & Automatie High Speed)
United Engineering & Foundry Co.
ZANESVILLE—Griffith & Wedge Co. (Slide Valve & Corliss)

OREGON.

ALBANY—Albany Iron Works
ASTORIA—Astoria Iron Works
PORTLAND—Columbia Engineering Works, 10th c Johnson
Honeyman, J. & Co., 301 Front
Phoenix Iron Works(Marine)
Portland Iron Works, 495 Northrup
Willamette Iron & Steel Works, 123 3d N

PENNSYLVANIA.

ALLEGHENY—Bradley Mfg. Co. ("Williams," 25 to 3000 h. p.), Penna. & Grant av
Hope Mfg. Co., 23 Parkway, W A
LAMBERT HOISTING ENGINE CO. (of Newark, N. J.), Lacock & Sandusky. (See adv. front colored page)
ALLENTOWN—Allentown Fdy. & Machine Works Co.
Mosser, Wm. F. & Son
Nadig, C. H. & Bro. Mfg. Co. ("Automatic" Single & Double Acting)
ATHENS—Sorensen, C. M. A.
AVONMORE—West Penn Foundry & Machine Co.
BANGOR—Flory, S. Mfg. Co.
BIRDSBORO—Diamond Drill & Machine Co.
BRADFORD—Bovaird & Co.
Bovaird & Seyfang Mfg. Co.
Caldwell, E. R. & Co.
BUTLER—Evans Mfg. Co.
CHAMBERSBURG—Chambersburg Engineering Co.
CHESTER—Delaware River Iron Ship Building & Engine Works.
Wetherill, Jas. P. Machine Co.
Wetherill, Robt. & Co. (Stationary)
CONNELLSVILLE—Connellsville Machine & Car Co.
CORRY—Ajax Iron Works
Climax Mfg. Co. (Double Cylinder High Speed)
DU BOIS—Du Bois Iron Works
EAST STROUDSBURG—Stauffer, Geo. E.
ERIE—Ball Engine Co. (Single Valve, Automatie, 25 to 600 h. p.)
Bay State Iron Works
Erie City Iron Works (Four Valve Automatic Cut-off, High & Medium Speed, Single Valve, Automatic Cut-off & Throttling Governor Engines)
Erie Engine Works (Automatic Cut-off, ete.)
Erie Mfg. & Supply Co. ("Erico" Self Oiling, Automatic)
Lake City Engineering Co.
Link, E. M. Machinery Co.
Nagle Engine & Boiler Works (6 to 50 H. P.)
Skinner Engine Co. ("Automatic," 8 to 60 h. p.)
Stearns Mfg. Co. ("Automatic," 18 to 1000 h. p.)
FRANKLIN—Shepherd Engineering Co. (Heavy Duty, Single & Multiple Expansion, 10 to 100 h. p.)
HAMBURG—Snell & Maharg
HARRISBURG—Harrisburg Fdy. & Machine Works ("Fleming" Side & Center Crank, Automatie)
KENNETT SQUARE—American Road Machine Co.
LANCASTER—Best, John (Est. of), 333 E Fulton
Central Machine Works (Horizontal Slide Valve)
LEBANON—Weimer Machine Works Co.
MAHANOY CITY—Grant Iron Works
MEADVILLE—Phoenix Iron Works Co. ("Automatic," 20 to 600 h. p.)
MONONGAHELA—Robinson Machine Co.
NORRISTOWN—Newbold, R. S. & Son Co. (Slide Valve)
OIL CITY—Oil City Boiler Works (Inc.) (20 to 150 h. p.)
Oil Well Supply Co.
PHILADELPHIA—Ames Iron Works (of Oswego, N. Y.), Arcade bldg
Baizley, Jno. Iron Works, 514 S Del av
Baker Engine & Machine Co., 114 N 3d
Burehfield, T. T. Co., Betz bldg
Campbell, P. F., 55 Laurel
Corliss Engine Works, Howard cor. Huntingdon
Cox & Sons Co., 215 Race
Cramp, Wm. & Sons Ship & Engine Bldg. Co. (Marine)
Erie City Iron Works (of Erie, Pa.), Land Title bldg
Fitchburg Steam Engine Co. (of Fitchburg, Mass.), 1001 Chestnut
Harrisburg Foundry & Machine Works (of Harrisburg, Pa.), Betz bldg
Kensington Engine Works (Ltd.) ("Automatic," 30 to 50 h. p.), 245 N Broad
Keystone Engine & Machine Works, Drexel bldg
LAMBERT HOISTING ENGINE CO. (of Newark, N. J.),1717 Market. (See adv. front colored page)
Naylor, Jno. S., Front e Girard av
Neafie & Levy Ship & Engine Bldg. Co. (Marine), Beach c Palmer
New York Safety Steam Power Co. (of N. Y. City), 15 N 7th
Nittinger, August, Sr., 826 N 4th
Pennsylvania Iron Works Co. ("Automatic," "Green," 75 to 1000 h. p.), 50th c Lancaster av
Providence Engineering Works (of Providence, R. I.), Real Est. Trust bldg
Reilly & Fearon Co., 1162 N 3d
Rich, J. & G.. 120 N 6th
Ridgway Dynamo & Engine Co., Girard Trust bldg
Southwark Foundry & Machine Co. ("Automatic), Wash av c S 5th
STURTEVANT, B. F. CO., 135 N. 3d. Works, Hyde Park, Mass. (See adv. index, end of book)
PITTSBURG—Combination Engine Co., 3148 Penn av
Fischer Foundry & Machine Co. (Automatie), S 21st & Mary
Hogg, Geo. A. Iron & Steel Foundry Co. (For Rolling Mills, etc.), 24th & R. R.
Mackintosh, Hemphill & Co., ft. of 12th
Millholland, J. & J. B. Co., 718 5th av
Munroe, R. & Sons Corporation, 23d & Smallman
Oil Well Supply Co., 215 Water
Struthers-Wells Co. Works, Warren, Pa.
WESTINGHOUSE MACHINE CO., The, Westinghouse bldg. (See adv. index, end of book)
POTTSVILLE—Sparks & Parker
READING—Greth Machine Works (Inc.), (8 to 15 h. p.)
Orr & Sembower (Inc.)
Reading Iron Co.
Reading Seale & Machine Co. (Ltd.)
RIDGWAY—Ridgway Dynamo & Engine Co.
Ridgway Mfg. Co.
SCOTTDALE—Kenney & Co. ("Automatic," Slide Valve, etc.)
SCRANTON—Allis-Chalmers Co.
Fineh Mfg. Co.
SHAMOKIN—Mullen, John & Son
STROUDSBURG—Stroudsburg Engine Works
TATAMY—Messinger Mfg. Co. ("Automatic," 3 to 25 h. p.)
TITUSVILLE—Titusville Iron Co.
Young, E. R. & Sons
TROY—Troy Engine & Machine Co. (Jno. A. Parsons, Prop.)
WARREN—Struthers, Wells & Co. (High Speed, 30 to 70 h. p.)
WAYNESBORO—Frick Co. (Automatic)
Geiser Mfg. Co. (8 to 30 h. p.)
WILKESBARRE—Vulcan Iron Works (Automatic)
WILLIAMSPORT—Larzelere Machine Co.
Valley Iron Works (Inc.) (Automatic)
YORK—Farquhar, A. B. Co. (Ltd.), (Centre Crank)
Motter, Geo. F. & Sons
York Mfg. Co.

RHODE ISLAND.

BRISTOL—Herreshoff Mfg. Co. (Marine)
HOPE VALLEY—Nichols & Langworthy Machine Co.
PAWTUCKET—Cole Bros.
PROVIDENCE—American & British Mfg. Co. ("Corliss" or "Green Wheelock")
Angell, Chas. E. (Armington & Sims & Eastern Engines)
Cruickshank, D. B. Engine & Machine Co.
Excelsior Steam Eng. & Machine Co.
Fuller Iron Works
Harris, Wm. A. Steam Engine Co. (Corliss)
Providence Engineering Works ("Rice & Sargent & Improved Greene")

SOUTH CAROLINA.

CHARLESTON—Charleston Iron Works
Valk & Murdoch Iron Works
COLUMBIA—Palmetto Iron Works
Tozer Engine Works
Willis, John A.
SPARTANBURG—Morgan Wood & Iron Works

TENNESSEE.

CHATTANOOGA—Casey & Hedges Mfg. Co.
Chattanooga Engine & Boiler Works
Lookout Boiler & Mfg. Co.
Walsh & Weidner Boiler Co.
Wheland Machine Works (Centre & Slide Valve)
JACKSON—Southern Engine & Boiler Works (Corliss Slide Valve & Center & Side Crank)
MEMPHIS—Chickasaw Iron Works, 2d c Winchester
Ellis, Wm. C. & Sons, 439 Shelby
NASHVILLE—Nashville Machine Co.
Stewart & Bruckner, 157 N College

TEXAS.

FT. WORTH—Van Zandt-Moore Iron Works
GALVESTON—Astall Iron Works Co., 2615 Strand
McDonough, J. P. Iron Works, 1901 Strand
Walsh & Cleary, 213 25th
SAN ANTONIO—Collins, F. F. Mfg. Co.
SHERMAN—Washington Iron Works

UTAH.

SALT LAKE CITY—Trent Engineering & Machinery Co.

VIRGINIA.

ALEXANDRIA—Aitcheson, J. & H.
NEWPORT NEWS—Newport News Ship Building & Dry Dock Co.
NORFOLK—Duvall, Geo. W. & Co.
Godwin, Thos. W. Jr. & Co.
Smith & McCoy
PETERSBURG—Petersburg Iron Works Co.
RICHMOND—American Locomotive Co. (12 to 300 h. p.)

WASHINGTON.

OLYMPIA—Lister & Tremmer
SEATTLE—Heffernan Engine Works
Moran Bros. Co.
Northwestern Iron Works
Vulcan Iron Works
Washington Iron Works Co. (Slide Valve)
SPOKANE—National Iron Works (Inc.)
Union Iron Works (Inc.)
TACOMA—Puget Sound Dry Dock & Machine Co.
Puget Sound Iron & Steel Works, A c 21st

WEST VIRGINIA.

CLARKSBURG—Osborn's, J. F. Sons
PARKERSBURG—U. S. Engine Co.

WISCONSIN.

APPLETON—Fairbanks & Timm
CORLISS—Brown Corliss Engine Co. (Corliss, Blowing, Rolling Mill, etc.)
CUDAHY—Power & Mining Machinery Co.
EAU CLAIRE—Phoenix Mfg. Co. ("Heavy Duty, Rocking Valve Slide")
FON DU LAC—Giddings & Lewis Mfg. Co.
MANITOWOC—Richards, Henry C.
MILWAUKEE—Bayley, Wm. & Sons Co., 732 Greenbush
FILER & STOWELL CO. (Slide Valve, Rocking Valve, etc.), Becher c Zeimer. (See adv. index, end of book) end of book)
NATIONAL BLOWER WORKS, 17th & St. Paul av. (See adv. index, end of book)
Nordberg Mfg. Co. (Automatic), Okla c Chicago rd
VILTER MFG. CO., 1046 Clinton. (See adv. index, end of book)
OSHKOSH—United States Engine Works
RACINE—Pierce Engine Co.
Racine Engine & Iron Works (Vertical, Automatic, for Driving Electrical Apparatus, etc.)
RHINELANDER—Rhinelander Iron Co.
SHEBOYGAN—Optenberg & Sonnemann
SUPERIOR—Superior Ship Building Co. (Marine)

Engines (Steam Turbine)

(See Turbines, Steam.)

Engine, Toy or Small.

Sipp Electric & Machine Co. (¼ to 2 h. p.), Paterson, N. J.

Engines (Traction)

(See also Agricultural Implement Mfrs.)

CALIFORNIA.

SAN LEANDRO—Best Mfg. Co. (For Freighting)
STOCKTON—Holt Mfg. Co.

ILLINOIS.

PEORIA—Avery Mfg. Co.
Colean Mfg. Co.
Wright Machine Co.

INDIANA.

EVANSVILLE—Heilman Machine Works
LA PORTE—Rumely, M. Co. (8 to 12 h. p.)
RICHMOND—Gaar, Scott & Co.
Robinson & Co. (Inc.)

IOWA.

CHARLES CITY—Hart-Parr Co. (Gasoline)

MASSACHUSETTS.

CAMBRIDGE — **LAMBERT HOISTING** Engine Co., 117 Main. (See adv. front colored page)

MICHIGAN.

BATTLE CREEK—Advance Thresher Co., Battle Creek, Mich.
Nichols & Shepard Co.
PORT HURON—Port Huron Engine & Thresher Co. (Simple & Compound)

MINNESOTA.

MINNEAPOLIS—Minneapolis Threshing Machine Co.

MISSOURI.

ST. LOUIS—**LAMBERT HOISTING ENGINE** Co. (See adv. front colored page)

NEW JERSEY.

NEWARK—**LAMBERT HOISTING ENGINE CO.,** Main Office & Works, 115-121 Pionier. (See adv., front colored page.)

NEW YORK.

ALBANY—Dederick's, P. K. Sons
AUBURN—New Birdsall Co.
BUFFALO—Buffalo Forge Co.
Buffalo Pitts Co. (12 to 30 h. p.)
WATERTOWN—Watertown Engine Co. (7 to 15 h. p.)

OHIO.

DAYTON—Boyer-Radford Mfg. Co.
FREMONT—June, D. & Co. (10 to 16 h. p.)
MANSFIELD—Aultman & Taylor Machinery Co., (8 to 13 h. p.)
MARION—Huber Mfg. Co. (2 to 16 h. p.)
Marion Mfg. Co. ("Leader")
MARTINS FERRY—Spence, L. & Son (10 to 16 h. p.)
MASSILLON—Russell & Co.
NEWARK—McNamar Machine Works
Scheidler Machine Works Co. (10 to 16 h.p.)
SPRINGFIELD—Kelly, O. S. Co.
SWANTON—Baker, A. D. Co.
TOLEDO—**LAMBERT HOISTING ENGINE** Co. (See adv. front colored page)

PENNSYLVANIA.

ALLEGHENY — **LAMBERT HOISTING** Engine Co. (See adv. front colored page)
BEAVER FALLS—Keystone Driller Co.
PHILADELPHIA—**LAMBERT HOISTING** Engine Co., 1715 Market. (See adv. index, end of book)
TATAMY—Messinger Mfg. Co.
WAYNESBORO—Frick Co. (Wood & Coal)
Geiser Mfg. Co. (Wood & Coal)
YORK—Farquhar, A. B. Co. (Ltd.), York, Pa.

WEST VIRGINIA.

PARKERSBURG—United States Engine Co.

WISCONSIN.

MARINETTE—Stevens, A. W. Co.
RACINE—Case, J. I. Threshing Machine Co.

Engines (Vertical)

(This list is duplicated under the head of Engines, Steam.)

CALIFORNIA

SAN FRANCISCO—**LAMBERT HOISTING** Engine Co. (See adv. front colored page)
Union Iron Works (25 to 100 h. p.)

CONNECTICUT.

NEW HAVEN—Twiss, Nelson W., 28 Whitney av. (2 to 25 h. p.)

ILLINOIS.

CHICAGO—Allis-Chalmers Co. (All Sizes), N. Y. Life bldg
Garden City Fan Co., 43 S Clinton
LAMBERT HOISTING ENGINE CO., 232 5th av. (See adv., front colored page.)
STURTEVANT, B. F. CO. (Open or Closed Type), 2881 S Clinton. (See adv. index, end of book)

MASSACHUSETTS.

BOSTON—**STURTEVANT, B. F. CO.** (Open or Closed Type), 34 Oliver. (See adv. index, end of book)
CAMBRIDGE — **LAMBERT HOISTING** Engine Co. (See adv. front colored page)
FITCHBURG—Fitchburg Steam Engine Co. (20 to 180 h. p.)
FLORENCE—Norwood Engineering Co. (2 to 50 h. p.)
HYDE PARK—**STURTEVANT, B. F. CO.** (Open or Closed Type). (See adv. index, end of book)
LAWRENCE—Lawrence Machine Co. (High Speed)
Lawrence Pump & Engine Co.
NEWBURYPORT—Davis, F. E. (2 to 20 h. p.)

MICHIGAN.

ALMA—Montigel, J. M.
KALAMAZOO—Clark Engine & Boiler Co. (Up to 125 h. p.)
Dutton, C. H. Co. (2 to 10 h. p.)
Hill, Wm. E. & Co. (Automatic)
SAGINAW—Wickes Bros.

MISSOURI.

ST. LOUIS—Fulton Iron Works, 2d & Carr
LAMBERT HOISTING ENGINE CO., 715-717 N 2d. (See adv., front colored page.)
St. Louis Steam Engine Co. (Single & Double Self-Contained), 16 S Commercial

NEW JERSEY.

EAST NEWARK—(See Newark)
JERSEY CITY—Maslin, John & Son, 165 1st
NEWARK—**LAMBERT HOISTING ENGINE CO.,** Main Office & Works, 115-121 Pionier. (See adv., front colored page)
Seymour & Whitlock, 43 Lawrence

NEW YORK.

AUBURN—McIntosh, Seymour & Co.
BALDWINSVILLE—Morris Machine Works (5 to 110 h. p.)
ELMIRA—Payne Co. (25 to 300 h. p.)
FISHKILL-ON-THE-HUDSON—Fishkill Landing Machine Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Pioneer Iron Works, 153 William

Boroughs of Manhattan & Bronx

NEW YORK—Allis-Chalmers Co. (All Sizes), 71 B'way
Ball & Wood Co., 17 Battery pl
Fitchburg Steam Engine Co. 20 to 180 h. p.), 39 Cortlandt
LAMBERT HOISTING ENGINE CO., 85 Liberty. (See adv. front colored page)
Leffel, James & Co. (3 to 6½ h. p.), 110 Liberty
N. Y. Safety Steam Power Co. (2 to 100 h. p.), 113 Liberty
Oil City Boiler Works, 39 Cortlandt
STURTEVANT, B. F. CO. (Open or Closed Type), 131 Liberty. (See adv. index, end of book)

OHIO.

BUCYRUS—New York Blower Co.
CINCINNATI—Johnston, Wm. T. Co., 522 Main
Kinsey, E. A. Co., 331 W 4th
MASSILLON—Russell & Co.
ORRVILLE—Cyclone Well Drilling Machine Co.
RAVENNA—Byers, John F. Machine Co.
SANDUSKY—Klotz Machine Co. (10 to 50 h. p.)
SPRINGFIELD—Leffel, James & Co. (3 to 6½ h. p.)
TOLEDO—**LAMBERT HOISTING ENGINE CO.** (See adv. front colored page)

PENNSYLVANIA.

ALLEGHENY — **LAMBERT HOISTING** ENGINE CO., Lacock & Sandusky. (See adv., front colored page.)
Porter Foundry & Machine Co. (2 to 35 h. p.)
BEAVER FALLS—Keystone Driller Co.
CORRY—Climax Mfg. Co. (6 to 100 h. p.)
ERIE—Erie Mfg. & Supply Co.
Erie Pump & Engine Co.
Nagle Engine & Boiler Works (4 to 20 h. p.)
Stearns Mfg. Co.
OIL CITY—Oil City Boiler Works
PHILADELPHIA—**LAMBERT HOISTING** ENGINE CO., 1715-1717 Market. (See adv., front colored page.)
Pennsylvania Iron Works Co. (25 to 100 h. p.), 51st & Lancaster av
Rich, J. & G., 120 N 6th
Southwark Foundry & Machine Co., Wash'n av, cor 5th
STURTEVANT, B. F. CO. (Open or Closed Type), 135 N 3d. (See adv. index, end of book)
READING—Orr & Sembower (Inc.)
TATAMY—Messinger Mfg. Co.
WAYNESBORO—Frick Co. (50 to 1000 h. p.)
YORK—Farquhar, A. B. Co. (Ltd.)
York Mfg. Co.

RHODE ISLAND.

PROVIDENCE—Cruickshank Engine Co. (2 to 35 h. p.)

WISCONSIN.

MILWAUKEE—Bayley, Wm. & Sons Co., 732 Greenbush
NATIONAL BLOWER WORKS, 17th & St. Paul av. (See adv. index, end of book)
SHEBOYGAN—Optenberg & Sonnemann

Engines (Winding)

SULLIVAN MACHINERY CO. (For Hoisting & Hauling), 7 Jackson boul, Chicago, Ill. (See adv. index, end of book)
Wellman-Seaver-Morgan Co. (Direct Acting), Cleveland, O., & Akron, O.

Engines (Yacht or Launch).

(See also Engines, Marine, Gas & Gasoline; also Engines, Oil.)

Adams, S. & Co., Rome, N. Y.
Central Iron Works (Gas & Gasoline), Quincy, Ill.
Davenport, S. F., Hallowell, Me.
ELMES, CHAS. F., ENGINEERING Works, cor Fulton & N Sangamon, Chicago, Ill. (See adv index, end of book)
FAIRBANKS, MORSE & CO. (Gasoline), Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S Meridian, Indianapolis; 8th & Clark av., St. Louis; 1217 Union av, Kansas City, Mo.; 234 E. 3rd, St. Paul; 220 Nicollet av., Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Fischer Motor Vehicle (Comb. Gas & Electric), 1311 Hudson, Hoboken, N. J.
Fitzhenny, E. L. & Co., 36 Wash'n, Boston, Mass
Gas Engine & Power Co., & Chas. L. Seabury & Co. (Gasoline & Naphtha), 11 B'way, New York & Morrris Heights, New York
Globe Iron Works (Gasoline), 2425 University av, Minneapolis, Minn.
Hasbrouck Motor Works (4 Cycle Gasoline), West Mystic, Conn.
Herreshoff Mfg. Co., Bristol, R. I.
Lake Shore Engine Works (Gasoline), Marquette, Mich.
MARINE ENGINE & MACHINE CO. ("Alco-Vapor"), Main Office, 1123 B'way, N. Y.; Works, Harrison, N. J. (See adv. index, end of book)
Michigan Yacht & Power Co. & Sintz Gas Engine Co. (Consolidated) (Gasoline, etc., "King & Sintz"), Detroit, Mich.
Montague Iron Works (Steam & Gasoline), Montague, Mich
MORRIS MACHINE WORKS, Baldwinsville, N. Y. (See adv. index, end of book)
Motor Vehicle Power Co. (Gasoline), 1221 Spring Garden, Phila., Pa.
N. Y. Safety Steam Power Co., 113 Liberty, N. Y.
Payne Co. (Engineering), Elmira, N. Y.
Racine Boat Mfg. Co., Muskegon, Mich.
Riley & Cowley (Also Tow Boat), Richards c Bowne, B'klyn, N. Y.
Rochester Machine Tool Works, 3 Frank, Rochester, N. Y.
Sanderson, W. J., 309 W Willow, Syracuse, N. Y.
Truscott Boat Mfg. Co. (Gasoline) St, Joseph, Mich.
Willard, C. P. & Co., 15 N Canal, Chicago
Wolverine Motor Works (Gas & Gasoline), Grand Rapids, Mich.

Erasers (Draughtsmen's).

COES, LORING & CO. (Inc.), Worcester, Mass. (See adv. index, end of book)

Erasures (Ink)

Landers, Frary & Clark (Inc.), New Britain, Conn.
Miller Bros. Cutlery Co. (Steel), Meriden, Conn.

Escalators.

(See Stairways, Moving.)

Escutcheon Pins.

American Pin Co. (Brass), Waterbury, Conn.
AMERICAN STEEL & WIRE CO. (Brass & Steel), "The Rookery," Chicago, Ill.; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & 16th & Folsom, San Francisco, Cal. (See adv. index, end of book)
Blake & Johnson (Inc.), Waterbury, Conn.
Corbin Screw Corporation (Steel or Brass), New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, Ill., & 925 Market, Phila., Pa.
Grand Crossing Tack Co., S Chicago av & 79th, Chicago
Hassall, John (Brass, Iron, Steel, German Silver, Tinned, etc.), 169 Elm, N. Y.
Holmes, Booth & Hayden Co., Waterbury, Conn., & 37 Park pl., N. Y.
HUNGERFORD, U. T. BRASS & Copper Co. (Brass & Copper), 497 Pearl, N. Y.
Milwaukee Tack Co., Milwaukee, Wis.
Parker, John L. & Co., Worcester, Mass.
Perkins, Henry Co., Bridgewater, Mass.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Plymouth Mills (Brass & Iron), Plymouth, Mass.
Scovill Mfg. Co., Waterbury, Conn.
Sessions, J. H. & Son, Bristol, Conn.
Taunton Wire Nail Co., Taunton, Mass.
Tower Mfg. Co., cor. Front & Elm, Cinn., O., & Madison, Ind.
Turner & Seymour Mfg. Co. (and Rivets), Torrington, Conn.
Waterbury Brass Co., Waterbury, Conn., & 122 Center, N. Y.
Wire Goods Co., Worcester, Mass.

Evaporators.

(See also Evaporators, Multiple Effects, under the head of Sugar Machinery.)

American Mfg. Co., Waynesboro, Pa
Bell, C. S. Co., Hillsboro, Ohio
Black & Clawson Co., Hamilton, O.
Boomer & Boschert Press Co., Syracuse, N. Y.
Champion Evaporator Co., Hudson, O.
Chattanooga Plow Co., Chattanooga, Tenn.
Densmore Bros., Red Wing, Minn.
Grimm, G. H. & Co. (The Champion), Rutland, Vt.
Hydraulic Press Mfg. Co. (Steam), Mt. Gilead, O.
Ryder, B. L. (Fruit, etc.), Waynesboro, Pa.
Schmidt, Joslin & Co. (Vacuum & Special, for Liquors, etc.), Cincinnati, O.
Squier, Geo. L. Mfg. Co., 420 Niagara, Buffalo, N. Y.
Stahl, Wm. Evaporator Co., Quincy, Ill.
Turl's, Jno. Sons. 536 W 28th, N. Y.
Warren Evaporator Works ("Ixl," Milton Mathews, Prop.), Warren, O.

Excavating & Refilling Machinery.

(See Machinery, Excavating & Refilling.)

Excavators (Steam).

(See also Shovels, Steam.)

Atlantic Gulf & Pacific Co., San Francisco, Cal., & Park Row bldg, N. Y.
Beatty, M. & Sons, Welland, Ontario, Canada
BROWNING ENGINEERING CO., Cleveland, O. (See adv. index, end of book)
Bucyrus Co., S. Milwaukee, Wis.
Hayward Co., 97 Cedar, N. Y.
Kilgore Machine Co., Minneapolis, Minn.
Kingsford Foundry & Machine Co., Oswego, N. Y.
LESCHEN, A. & SONS ROPE CO., 920 N 1st, St, Louis, Mo.; 163 Wash'n, N. Y.; 137 E. Lake, Chicago, Ill., & 1717-23 Arapahoe, Denver, Colo. (See adv. index, end of book)
Marion Steam Shovel Co., Marion, O.
Ohio Steam Shovel Co., Toledo, O.
Osgood Dredge Co., Albany, N. Y.
Souther, Jno. & Co. ("Otis"), 185 Summer, Boston, Mass.
Toledo Foundry & Machine Co., Toledo, O.
Vulcan Iron Works Co., Toledo, O.

Excelsior Mfrs.

Alpena Excelsior Co., Alpena, Mich.
Boston Excelsior Co., 25 Canal, Boston, Mass.
Brown, A. W., Alpena, Mich.
Farnham, J. F., Union, N. H.
Fox, J. W. Excelsior Co., Grand Rapids, Mich.
Hoadley Excelsior Co., Honesdale, Pa.
Hoffman-Corr Mfg. Co. (Also Moss), 107 Duane, New York
Hoornbeek, Jno. C., Wawarsing, New York
Lincoln Excelsior Co., Lincoln, Ill.
Lounsberry, G. H. & Sons, Findlay, O., & Cincinnati, O.
MacKinnon Excelsior Co., Menasha, Wis.
Nesmith, C. S., Reeds Ferry, N. H.
South Williamsport Excelsior Mfg. Co., S Williamsport, Pa.
Virginia Excelsior Co., Fredericksburg, Va.
Wells, H. B., Milford, Pa.

Exhaust Heads.

Abendroth & Root Mfg. Co. ("A. & R. Improved"), 99 John, N. Y., & Newburgh, N. Y.
Abendroth & Stein ("The Stein"), 39 Cortlandt, N. Y.
AMERICAN SPIRAL PIPE WORKS, 1173 S. Paulina, Chicago, Ill. & 26 Cortlandt, New York
Bonar, James & Co., Frick bldg, Pittsburg, Pa.
Burt Mfg. Co., Akron, O.
Bushnell, Jno. S. Co., 126 Liberty, N. Y.
Cleveland Steam Fitting & Supply Co., 1082 Hamilton, Cleveland, O.
De Rycke, Jos., 39 Cortlandt, N. Y.
Direct Separator Co. (The Sweet), Syracuse, N. Y.
Garden City Fan Co., 42 S Clinton, Chicago, Ill.
Gardner Governor Co. ("Gardner"), Quincy, Ill.
Griffing, A. A. Iron Co., Jersey City, N. J.
Hoppes Mfg. Co. (Cast Iron), Springfield, O.
Kelly, Benj. F. & Son, 91 Liberty, N. Y.
Kensington Engine Works (Ltd.), Beach & Vienna, Phila., Pa.
Keystone Engine & Mach. Works (Centrifugal), 5th & Buttonwood, Phila., Pa.
Koven, L. O. & Bro., 50 Cliff, New York.
Lee, Thomas, 130 W 2, Cincinnati, O.
Littleford Bros., 453 E Pearl, Cincinnati, O.
Lyman, W. C., 49 Michigan, Chicago, Ill.
Ohio Blower Co. ("Ohio" & "Swartwout"), Cleveland, O.
Patterson, Frank L. & Co., 26 Cortlandt, N. Y.
Prentice, L. H. Co., 34 Sherman, Chicago
Robertson, Jas. L. & Sons, 204 Fulton, New York
Rutzler, E., 176 Centre, N. Y.
Scranton Steam Pump Co. ("Lippincott"), Scranton, Pa.
SIMMONS, JOHN, CO., 110 Centre, N. Y.
Sims Co., Erie, Pa.
Standard Steam Specialty Co. (Utility), 542 W B'way, New York
Sterling Blower & Pipe Mfg. Co., Hartford, Conn., 53 State, Boston, Mass., & 149 B'way, New York
STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston; 281 S Clinton, Chicago; 135 N 3d, Phila., Pa.; 131 Liberty, New York, 147 Queen Victoria st, London, England. (See adv. index, end of book)
Thompson, Richard & Co., 126 Liberty, N. Y.
Union Steam Specialty Co. ("Union"), Scranton, Pa.
VARIETY MFG. CO. ("Doane"), 77 W Lake, Chicago, Ill. (See adv. index, end of book)
Watson & McDaniel Co. ("McDaniel," "Keystone"), 146 N 7th, Phila., Pa.
Whitlock Coil Pipe Co., Elmwood, Conn.
Young Bros. Co. ("The Cyclone"), 263 Franklin, Detroit, Mich.

Exhaust Muffler

Standard Steam Specialty Co. (Oil Separator, Return Tank & Pump Governor), 542 W B'way, New York

Exhaust & Blow Piping

Abendroth & Stein, 39 Cortlandt, New York
Allington & Curtis Mfg. Co., Saginaw, Mich., Monadnock bldg, Chicago, Ill., & 81 Wareham, Boston, Mass.
American Spiral Pipe Works, 1173 S. Paulina, Chicago, Ill., & 26 Cortlandt, N. Y.
ANDREWS & JOHNSON CO., 256 Washington boul., Chicago. (See adv. index, end of book)
Banister, A. W., 35 Wareham, Boston, Mass.
Bonar, James & Co., Frick bldg, Pittsburg, Pa.
Boston Blower Co., Hyde Park, Mass.
Buffalo Forge Co., Buffalo, N. Y.
Cincinnati Exhaust & Blow Pipe Co., 330 W 3d, Cincinnati, O.
Clark & Miller Co., Seattle, Wash.
CLASON ARCHITECTURAL METAL Works (Inc.), 428 Kinsley av, Providence, R. I. (See adv. index, end of book)
Dixie Mfg. Co., Baltimore, Md.
Garden City Fan Co., 42 S Clinton, Chicago, Ill.
Hartford Blower Co., Hartford, Conn.
Howard & Morse, 45 Fulton, New York
Lee, Thos., 130 W 2d, Cincinnati, O.
Lewis, Henry B., 45 Jos. Campau av, Detroit, Mich.
Littleford Bros., 453 E Pearl, Cinn. O.
Lyman, W. C., 49 Michigan, Chicago, Ill.
Meadon's, T. J. Son, 51 Greenpoint av, Brooklyn, N. Y.
NATIONAL BLOWER WORKS, 17th & St. Paul av, Milwaukee, Wis. (See adv. index, end of book)
New Orleans Roofing & Metal Works, 926 Lafayette, New Orleans, La.
Ohio Blower Co., Cleveland, O.
Porbeck, Otto, 2017 N B'way, St. Louis, Mo.
Skinner, Chas. N. & Co., 1013 N B'way, St. Louis, Mo.
Skinner, D. B. & Bro., 1318 N B'way, St. Louis, Mo.
Skinner, Geo. J. B. & Co., 213 Morgan, St. Louis, Mo.
Southern Exhaust & Blow Pipe Co., 632 Techoupitoulas, New Orleans, La.
Spiral Riveted Tube Co., 74 Cortlandt, New York, & Jersey City, N. J.
Sterling Blower & Pipe Mfg. Co., Hartford, Conn., 149 B'way, N. Y., & 53 State, Boston, Mass.
STURTEVANT, B. F. CO., Jamaica Plain, & 34 Oliver, Boston, Mass. (See adv. index, end of book)
Turner & Brady, 34 W Wash'n, Chicago, Ill.
United States Blowpipe & Hydraulic Works, Pacific blk, Seattle, Wash.
Wulff, W. C. & Co., Louisvile, Ky.

Exhausters (Gas)

American Blower Co., Detroit, Mich.; Marquette bldg, Chicago; 141 B'way, N. Y., & 78 Gracechurch st, E. C., London, England
Boston Blower Co., Hyde Park, Mass.
Buffalo Forge Co., Buffalo, N. Y.
Connersville Blower Co., Connersville, Ind.
Cornell, J. B. & J. M. Co. 26th & 11th av, New York
Garden City Fan Co., 43 S Clinton, Chicago
Isbell-Porter Co., 46 Bridge, Newark, N. J., & 245 B'way
NATIONAL BLOWER WORKS, Mil- waukee, Wis. (See adv. index, end of book)
Roots, P. H. & F. M. Co. (& Fittings), Connersville, Ind., & 120 Liberty, N. Y.
STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S Clinton, Chicago, Ill.; 135 N. 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria st, London, England. (See adv. index, end of book)
Wilbraham-Green Blower Co., 2518 Frankford, Phila., Pa.

Exhausters (Planing Mill, Etc.)

Allington & Curtis Mfg. Co., Saginaw, Mich.
American Blower Co., Detroit, Mich.; Marquette bldg, Chicago; 141 B'way, N. Y., & 78 Gracechurch st, E. C., London, England
ANDREWS & JOHNSON CO., 256 Washington boul., Chicago. (See adv. index, end of book)
Banister, A. W., 35 Wareham, Boston, Mass.
Bayley, Wm. & Sons Co., 732 Greenbush, Milwaukee, Wis.
Boston Blower Co., Hyde Park, Mass.
Buffalo Forge Co., Buffalo, N. Y.
Champion Blower & Forge Co., Lancaster, Pa.
Cornell, J. B. & J. M. Co., 26th & 11th av, New York
Garden City Fan Co., 43 S Clinton, Chicago, Ill.
Hartford Blower Co., Hartford, Conn.
NATIONAL BLOWER WORKS, Mil- waukee, Wis. (See adv. index, end of book)
New York Blower Co., 25th pl & Stewart av, Chicago, Ill. Factory, Bucyrus, O.
Sterling Blower & Pipe Mfg. Co., Hartford, Conn.
STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston; 281 S Clinton, Chicago; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria st, London, England. (See adv. index, end of

Exhausters (Steam Jet)

(See also Gas Works Apparatus & Construction)

Continental Iron Works, West & Cayler, Brooklyn, N. Y.
Gas Machinery Co., Citizens' bldg., Cleveland, O.
Isbell-Porter Co., 245 B'way, N. Y.
Kerr Murray Mfg. Co. (also Rotary), Fort Wayne, Ind.
Lloyd Construction Co., Detroit, Mich.

Expanders (Tube)

Ajax Mfg. Co. ("The Collins Roller"), Allegheny, Pa.
Bullock, Chas. K. (Boiler), 1361 Ridge av, Phila, Pa.
Coggeshall Mfg. Co. ("Coggeshall" Roller Tube), 136 Liberty, N. Y.
Dudgeon, Richard (Est. of) (Roller), 24 Columbia, New York
Faesseler, J. Mfg. Co. (The Boss Roller), Moberly, Mo.
Hayes, Harrison, Portland, Me.
HELWIG MFG. CO. (Hand & Pow- er Self-Feeding Flue), St. Paul, Minn. (See adv index, end of book)
Henderer's, A. L. Sons, Wilmington, Del.
Kenney & Co. (Boiler), Scottdale, Pa.
Lee & Hoff Mfg. Co. ("Prosser & Rollers"), St. Paul, Minn.
McCoy, Jos. F. Co., 157 Chambers, New York
Oswego Tool Co. ("Dudgeon" Pattern, also the "World's Champion," Spring, "McGraw, Giles & Tonkin"), Oswego, N. Y.
Prosser, Thos. & Son, 15 Gold, N. Y.
Watson-Stillman Co., 46 Dey, New York
Wildeke, Gustave & Co. (Roller & Spring), Dayton, O.

Expansion Joints

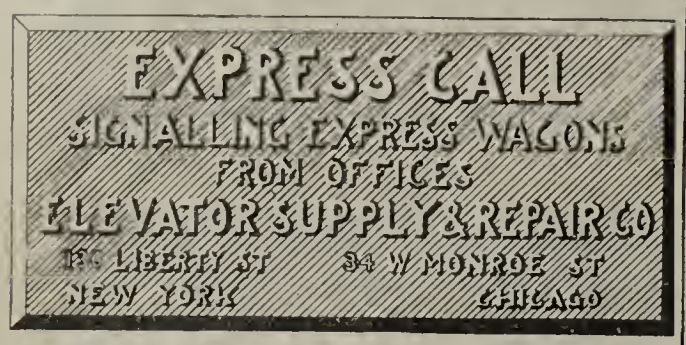
(See Joints, Expansion)

Expansion Tanks

(See Tanks, Expansion.)

Express Company Call

ELEVATOR SUPPLY & REPAIR CO., 34 W Monroe, Chicago, Ill., & 136 Liberty, New York. (See adv. below)



Extracts (Bark).

Miller Bark Extract Works, Millerton, N. B., Canada

Extractors (Oil)

(See Oil or Grease Extractors; also Separators, Steam & Oil.)

Eyelet Mfrs.

American Ring Co., Waterbury, Conn.
Armstrong Mfg. Co., Bridgeport, Co.
Halkyard Mfg. Co., Providence, R. I.
Plume & Atwood Mfg. Co., Waterbury, Conn
Rimmon Mfg. Co., Seymour, Conn.
Sibley, E. L., Bennington, Vt.
Stimpson, Edwin B. & Sons (All Kinds), 14 Spruce, N. Y.
Tubular Rivet & Steel Co., Boston, Mass.
Waterbury Brass Co., Waterbury, Conn., & 122 Centre, N. Y.

Fabricators (Steel Building)

(See Steel Structural Work.)

Fab-Ri-Ko-Na Wall Covering.

Turner, J. Spencer Co. (Woven), 86 Worth, New York

Facing Arms

Underwood, H. B. & Co. (Portable), 1027 Hamilton, Phila., Pa.

Fan Blowers

(See Blower Mfrs.)

Fans (Ceiling)

Backus Water Motor Co., 182 Penna. av, Newark, N. J.
Bates, D. L. & Bro. (Electric), Dayton, O.
Central Electric Co., 268 5th av, Chicago
Chicago Water Motor & Fan Co. (Water Motor), 22 S Canal, Chicago, Ill
Colonial Electric Co. (Electric), Ravenna, O.
Commercial Electrical Supply Co., 1007 Market, St. Louis, Mo.
Dayton Fan & Motor Co., Dayton, O.
Diehl Mfg. Co., Elizabethport, N. J., & 561 B'way, N. Y.
Electric Appliance Co., 92 W Van Buren, Chicago
Emerson Electric Mfg. Co. (Alternating Current), 2030 Washington av, St. Louis, Mo. & 136 Liberty, New York Liberty, N. Y.
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, New York City. (See adv. index, end of book)
Holtzer-Cabot Elec. Co., Brookline, Mass.
Hunter Fan & Motor Co., Fulton, N. Y.
Jordan Bros., 74 Beekman, N. Y.
McLeod, Ward & Co., 27 Thames, N. Y.
Oschner, A. & Son, 1060 State, New Haven, Conn.
Paragon Fan & Motor Co. (Electric & Belt), 529 W 34th, New York
Robbins & Myers Co. (Electric Desk & Bracket), Springfield, O.
Seymour, J. M., Jr., 43 Lawrence, Newark, N. J.
Specialty Mfg. Co. (and Column Belt Power), Indianapolis, Ind.
SPRAGUE ELECTRIC CO. (Electric), 527 W 34th New York. (See adv. index, end of book)
Towle, Geo. C. Mfg. Co. (Inc.) (also Desk, etc.), Lancaster, Pa.
Western Electric Co., 259 S. Clinton, Chicago, & 57 Bethune, N. Y.

Fans (Desk & Office)

SPRAGUE ELECTRIC CO. ("Lundell" Electric), 527 W 34th, New York. (See adv. index, end of book)
VARIETY MFG. CO. ("Doane"), 77 WLake, Chicago, Ill. (See adv. index, end of book)

Fans (Direct Connected Engine)

Boston Blower Co., Hyde Park, Mass.
Garden City Fan Co., 42 S Clinton, Chicago, Ill.
STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston; 281 S Clinton, Chicago; 135 N 3d, Phila., Pa.; 131 Liberty, New York, 147 Queen Victoria st, London, England. (See adv. index, end of book)
VARIETY MFG. CO. ("Doane"), 77 W Lake, Chicago, Ill. (See adv. index, end of book)

Fans (Electric)

A. & C. Mfg. Co., Cleveland, O.
American Blower Co., 1400 Russell, Detroit, Mich.
Bates, D. L. & Bro. (Portable), Dayton, O.
Backus Water Motor Co. (Ceiling), 182 Penna. av, Newark, N. J.
Boston Blower Co., Hyde Park, Mass.
Boston Electric Co., 29 Harrison av, Boston, Mass.
Brooks-Follis Electric Corporation, 523 Mission, San Francisco, Cal.
C. & C. Electric Co. (Portable, etc.), 143 Liberty, New York
Central Electric Co. (Portable, etc.), 268 5th av., Chicago
Colonial Electric Co., Ravenna, O.
Commercial Electric Co. (Ventilating), Indianapolis, Ind.
Crocker-Wheeler Co. (Portable, etc.), 39 Cortlandt, N. Y.
Dayton Fan & Motor Co. (Portable, etc.), Dayton, O.
Diehl Mfg. Co., Elizabeth, 92 W Van Buren. Chicago
ELEKTRON MFG. CO. (Exhaust), Springfield, Mass.; 156 5th av, New York; 179 Lincoln, Boston; Washington Loan & Trust Co. bldg, Washington, D. C., & 408 Orchard, Rochester, N. Y. (See adv. index end of book)
Emerson Electric Mfg. Co. (Portable, Alternating Current, etc.), 718 St. Charles, St. Louis, Mo., & 136 Liberty, N. Y.
Falcon Electric Mfg. Co., 432 E 71st, N. Y.
Fort Wayne Electric Works (Inc.), Fort Wayne, Ind.
Fuller Co. (Exhaust & Ventilating), 1565 Russell, Detroit, Mich.
Garden City Fan Co., 42 S Clinton, Chicago Ill
GENERAL ELECTRIC CO. (All Kinds), Schnectady, N. Y., & 44 Broad, New York. (See adv. index, end of book)
Holtzer-Cabot Electric Co. (Direct Current, etc.), Brookline, Mass.
Hunter Fan & Motor Co. (Ventilating), Fulton, N. Y.
Jandus Electric Co., Real Est. Trust bldg., Phila., Pa.
Jordan Bros., 74 Beekman, N. Y.
Kendrick & Davis (the Kent Battery), Lebanon, Mass
Knapp Electric & Novelty Co., 511 W. 51st, New York
Mechanical Appliance Co., Milwaukee, Wis.
NATIONAL BLOWER WORKS, Milwaukee, Wis. (See adv. index, end of book)
Ohio Electric Works, 78 Ellen, Cleveland, O.
Paragon Fan & Motor Co., 529 W 34th N. Y.
Ridlon, Frank Co. (Portable, etc.), 200 Summer, Boston, Mass
Robbins & Myers Co. (Direct Current), Springfield, O.
Shedd. Electric Mfg. Co. ("The Oscillating"), 130 Liberty, N. Y.
Specialty Mfg. Co., Indianapolis, Ind.
SPRAGUE ELECTRIC CO. ("Lundell"), 527 W 34th, New York. (See adv. index, end of book)
Standard Electric Co. (Portable, etc.), 113 W 3d, Cincinnati, O.
STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 131 Liberty, N. Y.; 281 S. Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa., & 147 Queen Victoria st, London, Eng. (See adv. index, end of book)
Swan Electric Mfg. Co., 21 State, New York. Factory, Middletown, Conn.
Towle, Geo. C. Mfg. Co. (Direct Current, Desk, Ceiling, etc.), Lancaster, Pa.
Watertown Electric Co., Watertown, Wis.
Western Electric Co., 259 S Clinton, Chicago, & 57 Bethune, N. Y.
Western Electrical Supply Co., St. Louis, Mo., & 149 B'way, N. Y.
WESTINGHOUSE ELECTRIC & MFG. Co., Westinghouse bldg, Pittsburg, Pa. (See adv. index, end of book)

Fans (Exhaust or Ventilating)

(See also Blowers, Various Kinds; also Fans, Ventilating, Mine.)

CONNECTICUT.

HARTFORD—Hartford Blower Co.
WINDSOR LOCKS—Clark, George P. Co.

DELAWARE.

WILMINGTON—Baker, G. W. & Co.

ILLINOIS.

BELLEVILLE—Belleville Pump & Skein Works (Mine)
CHICAGO—**ANDREWS & JOHNSON CO.** (Inc.), 256 Washingtn boul. (See adv. index, end of book)
Garden City Fan Co., 42 S Clinton
Lyman, W. C., 49 Michigan
New York Blower Co., 25th pl & Stewart av
Raymond Bros. Impact Pulverizer Co., 629 W Harrison
STURTEVANT, B. F. CO., 281 S Clinton. (See adv. index, end of book)
VARIETY MFG. CO. ("Blackman Cross"), 77 W Lake. (See adv. index, end of book)

INDIANA.

CONNERSVILLE—Roots, P. H. & F. M. Co.
INDIANAPOLIS—Specialty Mfg. Co. (Belted & Direct Connected), 400 S Meridian

MARYLAND.

BALTIMORE—Dixie Mfg. Co.

MASSACHUSETTS.

BOSTON—Banister, A. W., 35 Wareham
Banister, A. W., 35 Wareham
Barney Ventilating Fan Works, 165 Ft. Hill sq
Exeter Machine Works, 32 Oliver
Massachusetts Fan Co., 53 State
STURTEVAT, B. F. CO., 34 Oliver. (See adv. index, end of book)
HOLYOKE—Perkins, B. F. & Sons
HYDE PARK—Boston Blower Co.
STURTEVANT, B. F. CO. (See adv. index, end of book)
WALTHAM—Massachusetts Fan Co.

MICHIGAN.

DETROIT—American Blower Co., 1400 Russell
Fuller Co., 1565 Russell
SAGINAW—Allington & Curtis Mfg. Co.

MISSOURI.

ST. LOUIS—Emerson Electric Mfg. Co. (Direct Connected, Alternating & Direct Current), 2030 Wash'n av
St. Louis Blower & Heater Co., 1628 N. 9th

NEW HAMPSHIRE.

EXETER—Exeter Machine Works

NEW JERSEY.

ELIZABETH—Diehl Mfg. Co.
NEWARK—Backus Water Motor Co., 174 Penna. av
Seymour, J. M., Jr., 43 Lawrence

NEW YORK.

BUFFALO—Buffalo Forge Co.
NEW YORK—Cornell, J. B. & J. M. Co., 26th 11th av
Howard & Morse, 45 Fulton
Power Specialty Co., 126 Liberty
SPRAGUE ELECTRIC CO. (Direct Current, Electric Round Motor Type), 527 W 34th. (See adv. index, end of book)
STURTEVANT, B. F., CO., 131 Lib-erty. (See adv. index, end of book)
TROY—Tolhurst, W. H. & Son (Ventilating), Fulton & 6th av

OHIO.

BUCYRUS—New York Blower Co.
CINCINNATI—MacLeod, Walter & Co.
CLEVELAND—Bartlett Bros. Co., 178 Huron

PENNSYLVANIA.

ERIE—Link, E. M., Machinery Co.
LANCASTER—Champion Blower & Forge Co.
PHILADELPHIA—Carr, Jos., 132 N 7th
Phila. Textile Machinery Co. ("Proctor"), c Hancock & Somerset
STURTEVANT B. F. CO., 135 N 3d. (See adv. index, end of book)
SCRANTON—Allis-Chalmers Co.

WISCONSIN.

MILWAUKEE—Allis-Chalmers Co.
Bayley, Wm. & Sons Co., 732 Greenbush
NATIONAL BLOWER WORKS, 17th & St. Paul av. (See adv. index, end of book)

Fans (Power)

(See Blowers, Various Kinds; also Fans, Exhaust or Ventilating.)

Fans (Propeller)

Garden City Fan Co., 42 S Clinton, Chicago, Ill.
STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S Clinton, Chicago, Ill.; 135 N. 3d, Phila., Pa.; 131 Liberty, N. Y., & 147 Queen Victoria St., London, England. (See adv. index, end of book)

Fans (Ventilating)

(See Fans, Exhaust & Ventilating.)

Fans (Ventilating, Engine Connected)

(See Blower Mfrs.)

Fans (Ventilating, Mine)

Allis-Chalmers Co., New York Life bldg, Chicago, Ill. & 71 B'way, New York. Works. Chicago, Scranton, Pa., & Milwaukee, Wis.
Belleville Pump & Skein Works, Belleville, Ill.
Clifford, Wm., Jeannette, Pa.
Cole, W. E., Washington, Ind.
Connellsville Machine & Car Co., Connellsville, Pa.
Connellsville Mfg. & Mine Supply Co., Connellsville, Pa.
Crawford & McCrimmon Co., Brazil, Ind.
Danville Foundry & Machine Co., Danville, Ill.
Eagle Iron Works, Des Moines, Ia.
Exeter Machine Works, Pittston, Pa.
Finch Mfg. Co., Scranton, Pa.
Garden City Fan Co., 42 S Clinton, Chicago, Ill.
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, New York City. (See adv. index, end of book)
Herzler & Henninger, Belleville, Ill.
Kenney & Co., Scottdale, Pa.
Link Belt Machinery Co., W 39th & Stewart av, Chicago, Ill.
Litchfield Foundry & Machine Co., Litchfield, Ill.
Marine Iron Works, Bay City, Mich.
Monongahela Mfg. Co., Monongahela, Pa.
Mullen, Jno. & Son, Shamokin, Pa.
Nelsonville Fdy. & Machine Co., Nelsonville, O.
Ottumwa Iron Works, Ottumwa, Ia.
Robinson Machine Co., Monongahela, Pa.
Stine, S. B. & Son, Osceola Mills, Pa.
Stroh, W. U. (Est of), Mauch Chunk, Pa.
SULLIVAN MACHINERY CO., 7 Jack-son boul. (See adv. index, end of book)
United Iron Works Co., Springfield, Mo.
Vulcan Iron Works, Wilkesbarre, Pittston & Tamaqua, Pa.

Fans (Water Motor)

A. & C. Mfg. Co., Cleveland, O.
Bates, D. L. & Bro., Dayton, O.
Chicago Water Motor & Fan Co., 22 S. Canal, Chicago, Ill.
Rosenberg, R. Co., Baltimore, Md.
Specialty Mfg. Co. (Desk & Column), Indianapolis, Ind.

Fasteners (Blind)

Eagan, Thos. F. (Storm Window), Worcester, Mass.
Parker, Chas. Co., Meriden, Conn.
Russell & Erwin Mfg. Co., New Britain, Conn., & 43 Chambers, New York
Sargent & Co., New Haven, Conn., & 151 Leonard, New York
STANLEY WORKS (Wrought Steel), New Britain, Conn., & 79 Chambers, New York. (See adv. index, end of book)
Woodruff, W. W. & Sons Co. (Storm Window), Mt. Carmel, Conn.
Wrightsville Hardware Co., Wrightsville, Pa.

Fasteners (Box)

American Novelty & Mfg. Co. ("Defiance," "Climax" & "Excelsior"), 1826 N B'way, St. Louis, Mo.
Cary Mfg. Co., 19 Roosevelt, N. Y.
DE HAVEN MFG. CO., 50-54 Colum-bia Heights, Brooklyn, N. Y. (See adv. index, end of book)
Standard Metal Strap Co., 336 E 38th N. Y.
STANLEY WORKS, New Britain, Conn. (See adv. index, end of book)
Wyland Mfg. Co., Williamsport, Pa.

Fasteners (Corrugated Steel)

Corrugated Steel Nail Co., Springfield, O.
MILWAUKEE CORRUGATING CO., Milwaukee, Wis. (See adv. index, end of book)
Smallwood, W. R. Mfg. Co., Gowanda, N. Y.
STANLEY WORKS, New Britain, Conn., & 79 Chambers, New York. (See adv. index, end of book)
Wrightsville Hardware Co., Wrightsville, Pa.

Fasteners (Freight Car Door)

Dayton Malleable Iron Co., Dayton, O.

Fasteners (Nut & Bolt)

American Nut & Bolt Fastener Co. ("Bartley") for Splice Joints, Car Trucks, etc.), Frick bldg, Pittsburg, Pa.

Fasteners (Sash)

Chalfant Mfg. Co., Lancaster, Pa.
Corbin, P. & F., New Britain, Conn., & 15 Murray, New York
Ives, Hobart B. Co., New Haven, Conn.
Judd, O. S., New Britain, Conn.
Little, O. C. Pulley Coating Co., Menasha, Wis.
Miller Lock Co., 219 N 4th, St. Louis, Mo.
Norwalk Lock Co., S. Norwalk, Conn.
Peck, Stow & Wilcox Co., Southington, Conn., & 27 Murray, New York
Penna. Hardware Co., Reading, Pa.
Phoenix Hardware Mfg. Co., Homer, N. Y.
Pullman Mfg. Co., Rochester, N. Y.
Reading Hardware Co., Reading, Pa.; New York, Phila. & Chicago
Russell & Erwin Mfg. Co., New Britain, Conn., & 43 Chambers, New York
Sargent & Co., New Haven, Conn., & 151 Leonard, New York
Schroeder Bros (Storm), 85 Inglehart, St. Paul, Minn.
STANLEY WORKS, New Britain, Conn., & 79 Chambers, New York. (See adv. index, end of book)
Yale & Towne Mfg. Co., Stamford, Conn.; 9 Murray, New York; Phila., Pa.; Chicago, Ill.; Boston, Mass., & San Francisco, Cal.

Fasteners (Window)

Little, O. C. Pulley Coating Co., Menasha, Wis.
STANLEY WORKS, New Britain, Conn., & 79 Chambers, New York. (See adv. index, end of book)
Woodruff, Walter W. & Sons Co. ("Doblers"), Carmel, Conn.

Faucets

See also Plumbers' Brass Goods; also Cocks and Cocks' & Bibbs of various kinds.
Chambers & Ainslee, Newark, N. J.
Dinneen & Cook (Three-Way), 213 W 125th, New York
Edwardsville Brass Co. (Brass), Edwardsville, Ill.
Haines, Jones & Cadbury Co., 1138 Ridge av, Philadelphia, Pa.
Landers, Frary & Clark (Milk Can, Cream Separator, Petroleum Oil, etc.), New Britain, Conn.
McNab & Harlin Mfg. Co., 56 John, New York
McShane, Henry Mfg. Co., 441 North, Baltimore, Md., & 81 Fulton, New York
Meyer-Sniffen Co., 5 E 19th, New York
Mott, J. L. Iron Works, 88 Beekman, New York
Peck Bros. & Co., New Haven, Conn.; 27 W 42d, N. Y., & 157 High, Boston, Mass.
Sanitary Co. (The Paragon), 7 Water, Cleveland, O.
Sieben, Henry, 109 W 8th, Kansas City, Mo.
Syracuse Faucet & Valve Co. (Without Packing), Syracuse, N. Y.
Union Brass Works (Soderlund Bath, etc.), 7 Sherman chsn, Boston, Mass.

Faucets (Molasses)

North Bros. Mfg. Co. ("Improved Weed"), Lehigh av & American, Philadelphia, Pa.

Faucets (Self Measuring)

Enterprise Mfg. Co., 3d & Dauphin, Phila., Pa.
Lane Bros. Co., Poughkeepsie, N. Y.

Faucets (Stoneware)

Graham, Chas., 986 Metropolitan av, Brooklyn, N. Y.

Faucets (Wood)

Burnside Mfg. Co., Burnside, Ky.
Sommer's, Jno. Son (Over 100 Different Kinds, Plain, Corked & Leather Lined, etc.), Newark, N. J.

Feed Water Heaters

(See Heaters, Feed Water.)

Feeders (Aluminum Railway)

Pittsburg Reduction Co., New Kensington, Pa., & 99 John, N. Y.

Feeders (Boiler)

American Injector Co., Congress & Brooklyn av, Detroit, Mich.
Chaplin-Fulton Mfg. Co., 28 Penn av, Pittsburg, Pa.
Creamer Steam Specialties Co. (Perfection), 123 Liberty, N. Y.
Davis, G. M. Regulator Co. (& Heater), 145 Milwaukee av, Chicago, Ill.
Foster, F. W. Mfg. Co., 6 Portland, Boston, Mass.
Jacobs, Chas. & Co., 51 Oliver, Boston
Kitts Mfg. Co. (High & Low), Oswego, N. Y.
Lawler Water Feed & Damper Regulator Co., (Lawler's Automatic for Low Pressure), 181 Mercer, New York
Lee Injector Mfg. Co. ("Lee" Ball Valve, Automatic), Port Huron, Mich.
McRae & Roberts Co., Detroit, Mich.
Michigan Lubricator Co. ("Michigan" Kerosine Oil), Detroit, Mich.
Roots, P. H. & F. M. Co., Connersville, Ind., & 120 Liberty, New York
Rutzler, E. ("Low Pressure, Automatic"), 178 Centre, N. Y.
Schutte, L. & Co. (Korting), 1251 N 12th, Phila., Pa.
Standard Steam Specialty Co. ("Utility," High & Low Pressure), 542 W B'way, N. Y.
Warren Steam Pump Co., Warren, Mass.
Watson, N. A., 1602 State, Eric, Pa.

Feeders (Boiler Compound)

Detroit Lubricator Co., Hodge bldg, Detroit, Mich.
Engel & Fagersten Chemical Co. ("Neptune"), 1702 Wabash av, Chicago, Ill.
Hayner, Norman C. Co., Rochester, N. Y.
Lake Erie Boiler Compound Co. ("Red Star," Automatic), Buffalo, N. Y.
Lee Injector Mfg. Co., Port Huron, Mich.
Lloyd Construction Co., Glenwood av & M. C. R. R., Detroit, Mich.
LUKENHEIMER CO. General Offices: Beckman & Waverly, Cincinnati, O.; 26 Cortlandt, N. Y., & 35 Great Dover st., London, S. E., England. (See adv. index, end of book)
Northrup Lubricating Co. ("Famous"), St. Louis, Mo.
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)
Standard Boiler Cleaner Co. ("Kings" Sight Feed), Quincy, Ill.
Steam Appliance Co., Milwaukee, Wis.

Feeders (Boiler Oil)

Detroit Lubricator Co. ("Detroit"), Detroit, Mich.
Lee Injector Mfg. Co., Port Huron, Mich.
LUKENHEIMER CO. ("Velox," 'Mars" & "Magor"), General Offices: Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, New York, & 35 Great Dover st, London, S. E., England. (See adv. index, end of book)
McRae & Roberts Co. ("Neverfail"), 227 Campbell av, Detroit, Mich.
Michigan Lubricator Co., 661 Beaubien, Detroit, Mich.
Powell, Wm. Co. (Boiler Oil), 2529 Spring Grove av, Cincinnati, O.
Sims Co. (Boiler Oil), Erie, Pa.
Talmage Mfg. Co. (the Cleveland), 270 St. Clair, Cleveland, O.
Watts Regulator Co. ("Shoo Fly"), Lawrence, Mass.

Feeders (Coal Dust)

(See Burners, Coal Dust.)

Feeders (Fuel)

Dixie Mfg. Co. (Automatic Furnace), Baltimore, Md.
FILER & STOWELL CO., Becher c Ziemer, Milwaukee, Wis. (See adv. index, end of book)
Frick Co., Waynesboro, Pa.
Garland, M. Co., Bay City, Mich.
Phoenix Mfg. Co. (Automatic, Sawdust), Eau Clair, Wis.
Porbeck, Otto (Furnace), 2017 N B'way, St. Louis, Mo.

Feeders (Furnace)

Hartford Blower Co., Hartford, Conn.

Feeders (Ore)

Allis-Chalmers Co., New York Life bldg, Chicago, Ill., & 71 B'way, New York. Works, Chicago, Milwaukee, & Scranton, Pa.
Davis, F. M. Iron Works Co., 8th & Larimer, Denver, Col.
Frenier, J. H., Rutland, Vt.
Hamilton, Wm. Mfg. Co. (Reliance), Peterboro, Ontario, Can.
Hammond Mfg Co., 100 1st, Portland, Oregon
Harron, Richard & McCone ("James"), San Francisco, Cal.
Hendrie & Bolthoff Mfg. Co., 1625 17th, Denver,
Hendy, Joshua Machine Works, San Francisco, Cal.
Krom Machine Works, 10 Essex, Jersey City, N. J.
Mecklenburg Iron Works, Charlotte, N. C.
Mine & Smelter Supply Co., Denver, Col.; 139 Liberty, N. Y.; El Paso, Tex., & Salt Lake City, Utah
Newkirk, H. A. & Co. (The Wood), Monadnock blk, Chicago
Power & Mining Machine Co. (Challenge), 52 William, New York. Works, Cudahy, Wis.
Union Iron Works, San Francisco, Cal.

Feeders (Stone Sawing)

Kelly & Jones Co., 135 Water, Pittsburg, Pa.; 15 Park Row, N. Y., & 59 Clark, Chicago. Works: Greensburg, Pa.

Feeders (Sugar Cane Carrier)

Bodley Wagon Co., Memphis, Tenn.

Feeds (Roll & Dial)

Hibbard, Wm. H., 79 Washington, av, Brooklyn, N. Y.

Felt for Electrical Purposes

(See also Felt Mills; also Felts, Hair.)

American Felt Co., 110 E 13th, N. Y.; 112 Beach, Boston, Mass., & 258 Franklin. Chicago
Armour Curled Hair & Felt Works, 205 La Salle, Chicago, Ill.
Faatz-Reynolds Felting Co. (Wool), Lestershire, N. Y., & 648 B'way, New York
Stroock Felt Co., Newburgh, N. Y., & 65 Bleecker, New York
Taylor, W. J., 475 B'way, New York
WATSON, H. F. CO., Erie, Pa., & 12 S Clinton, Chicago, & 223 Congress, Boston, Mass. (See adv. index, end of book

Felt Mills.

(See also Felts, Hair.)

American Felt Co., 110 E. 13th, N. Y.; 112 Beach, Boston, Mass., & 258 Franklin, Chicago
Bacon Bros., Winchester, Mass.
Bardeen Paper Co., Otsego, Mich.
Carey, Philip Mfg. Co., Lockland, O.; 433 1st av, Pittsburg, Pa., & 118 Liberty, N. Y.
Dolge, Alfred Mfg. Co., Los Angeles, Cal.
Faatz-Reynolds Felting Co. (Wool), Lestershire, N. Y., & 648 B'way, New York
Field & White, 116 Nassau, New York
Foot Mfg. Co., Jersey City, N. J.
GARRETT, C. S. & CO., 21 Decatur, Philadelphia, Pa.
Haldeman Paper Co., Lockland, O.
Kingston's, Wm. Sons, Little Falls, N. Y.
Oregon Pulp & Paper Co., Bridal Veil, Oregon
Stroock Felt Co., Newburgh, N. Y., & 65 Bleecker, New York
Williams & Paige, 68 Essex, Boston, Mass.
York Felt & Paper Co., York, Pa.

Felts (Deadening)

ASBESTOS & MAGNESIA MFG. CO., Land Title bldg, Phila., Pa. (See adv. index, end of book)
Barrett Mfg. Co., Land Title bldg, Phila., Pa.; Merchant Loan & Trust bldg, Chicago, Ill.; 17 Battery pl, New York; St. Louis, Mo.; Cleveland, O.; Cincinnati, O.; Pittsburg, Pa.; Minneapolis, Minn.; Kansas City, Mo., & New Orleans, La.
Bird, F. W. & Son (Non-Inflammable, Sanitary), East Walpole, Mass.
Boyle Mfg. Co., Lafayette, Ind.
Carey, Philip Mfg. Co., Lockland, O.; 433 1st av, Pittsburg, Pa., & 118 Liberty, N. Y.
Chatfield & Wood Co., 347 W. 4th, Cincinnati, O.
Franklin Mfg. Co., Franklin, Pa.
Garrett, C. S. & Co., 21 Decatur, Phila., Pa.
Haldeman Paper Co., Lockland, O.
Johns-Manville Co., H. W., New York & Milwaukee, Wis.
Kingston's, Wm. Sons, Little Falls, N. Y.
Trinidad Asphalt Mfg. Co., 320 S 21st, St. Louis, Mo.
Union Fiber Co. (Litho. Board & Quilted Flax Fibre & Mineral Wool), Winona, Minn., & 143 Reed, Milwaukee, Wis.
WATSON, H. F. CO., Erie Pa.; 12 S Clinton, Chicago, & 223 Congress, Boston, Mass. (See adv. index, end of book)

Felts (Hair)

Baeder, Adamson & Co., 67 Beekman, New York; 730 Market, Phila., Pa.; 68 High, Boston, Mass., & 172 Lake, Chicago, Ill.
Carey, Philip Mfg. Co., Lockland, O.; 433 1st av, Pittsburg, Pa., & 118 Liberty, N. Y.
DeLong, Julius & Co., Allegheny, Pa.
Faatz-Reynolds Felting Co. (Wool), Lestershire, N. Y., & 648 B'way, New York
Franklin Mfg. Co., Franklin, Pa.
Johns, H. W.-Manville Co., 100 William, New York & Milwaukee Wis.
Pittsburg Hair Felt Co., Sharpsburg, Pa.
Sindle, S. & Sons, Little Falls, N. Y.
Smith, Thos. F. & Co. ("The Standard"), 16 Cedar, N. Y.
Trainer, C. W. Mfg. Co., 89 Pearl, Boston, Mass.
WATSON, H. F. CO., Erie Pa.; 12 S Clinton, Chicago, Ill., & 233 Congress, Boston, Mass. (See adv. index, end of book)

Felts (Polishing)

American Felt Co., 110 E 13th, N. Y.; 112 Beach, Boston, Mass., & 258 Franklin, Chicago
Bacon Bros., Winchester, Mass.
Faatz-Reynolds Felting Co. (Wool), Lestershire, N. Y., & 648 B'way, New York
Foot Mfg. Co., Jersey City, N. J.
Stroock Felt Co., Newburgh, N. Y., & 65 Bleecker, New York
Williams & Paige, 68 Essex, Boston, Mass.

Felts (Roofing)

(See also Papers, Roofing & Sheathing.)

ASBESTOS & MAGNESIA MFG. CO., Land Title bldg, Phila., Pa. (See adv. index, end of book)
Barrett Mfg. Co. (Also Tarred & Saturated Wool, Felts, etc.), Land Title bldg., Phila., Pa; 17 Battery pl, New York; Merchant Loan & Trust bldg, Chicago, Ill.; St. Louis, Mo.; Cleveland, O.; Cincinnati, O.; Kansas City, Mo.; Minneapolis, Minn.; Pittsburg, Pa., & New Orleans, La.
Boyle Mfg. Co., Lafayette, Ind.
Burke, Augustus, 100 W Superior, Chicago, Ill.
Carey, Philip Mfg. Co., Lockland, O.; 433 1st av, Pittsburg, Pa., & 118 Liberty, New York
Chatfield & Woods Co., 347 W. 4th, Cincinnati, O.
Diem & Wing Paper Co. ("Flintoid"), 320 Elm, Cincinnati, O.
GARRETT, C. S. & CO., 21 Decatur, Philadelphia, Pa.
Gilmour, R. M. Mfg. Co., 105 John, New York
Hatfield, Geo. E., 100 Keap, Brooklyn, N. Y.
Hewitt, C. B. & Bros., 48 Beekman, N. Y.
Johns, H. W.-Manville Co., 100 William, New York & Milwaukee Wis.
Kingston's, Wm. Sons (Dry Felt), Little Falls, N. Y.
McClintock & Irvine Co., Neville & P. R. R., Pittsburg, Pa.
McGraw, J. A. Bros., 220 Sandusky, Allegheny, Pa.
Nashville Chemical Co., 919 N Front, Nashville, Tenn.
New England Felt Roofing Works, 18 Post Office sq, Boston, Mass.
North Chicago Roofing Co., 128 North av., Chicago, Ill.
PATENT VULCANITE ROOFING CO., 25 S Campbell av, Chicago, Ill. (See adv. index, end of book)
Powell, M. W. Co., 204 Dearborn, Chicago, Ill.
Powell & Jones, Monadnock blk, Chicago, Ill.
Rankin, W. H. Co., Main Office & Works, Elizabeth, N. J.
Sall Mountain Asbestos Mfg. Co., 123 Ontario, Chicago; 99 Nassau, New York, & Sautee, Ga.
Sawyer, F. O. Paper Co. (Wholesale), 213 N 3d, St. Louis, Mo.
Single, John Paper Co., 219 W Fayette, Syracuse, N. Y.
Southern Roofing Co. (Tarred), Atlanta, Ga.
Stelwagon Mfg. Co., 826 Schuylkill av, Phila.,
Stewart, W. H. Mfg. Co., 81 Fulton, N. Y.
STOWELL MFG. CO., 114 to 134 Culver av, Jersey City. (See adv. index, end of book)
Trainer, C. W. Mfg. Co., 89 Pearl, Boston, Mass.
Trinidad Asphalt Mfg. Co., 320 S 21st , St. Louis, Mo.
Warren Bros. Co. (Single, 2 & 3-ply), 93 Federal, Boston, Mass., & 253 B'way, New York
WATSON, H. F. CO., Erie, Pa.; 12 S Clinton, Chicago, Ill., & 223 Congress, Boston, Mass. (See adv. index, end of book)

Fence (Electrically Welded Wire)

Pittsburg Steel Co., Pittsburg, Pa.

Fences (Expanded Metal)

McDowell Mfg. Co., 541 Wood, Pittsburg, Pa.
MERRITT & CO., 1024 Ridge av, Phila., Po. (See adv. index, end of book)

Fences (Iron and Steel Picket).

Atlanta Wire & Iron Works Co., Atlanta, Ga.
Belmont Iron Works, 2215 Wash'n av, Phila., Pa.
Buffalo Wire Works Co., 316 Terrace, Buffalo, N. Y.
CHAMPION IRON CO., Kenton, O. (See adv. index, end of book)
Cuyahoga Wire & Fence Co. ("Hartman's" Galvanized Steel Wire Picket), New Castle, Pa.
Davis & Siehl (Steel), 3711 Colerain av, Cincinnati, O.
DeKalb Fence Co. (Steel Web), DeKalb, Ill.
Gholson, W. C. Fence Co. (Metal Portable), 1746 Reading rd, Cincinnati, O.
Glen Mfg. Co., Ellwood City, Pa.
Indiana Steel & Wire Co., Muncie, Ind.
Nimmo Fence Co., 334 E. 4th, Cincinnati, O.
Ohio Structural Iron Co., Sandusky, O.
Phoenix Steel Construction Co., 3d & Penn av, Pittsburg, Pa.
PITT, WM. R. COMPOSITE IRON Works, 111 5th av, N. Y. (See adv index, end of book)
Stewart Iron Works, 714 E. 3d, Cincinnati, O.

Fences (Ornamental Iron)

(See Gates, Ornamental Iron.)

Fences (Wire, Electrically Welded)

Pittsburg Steel Co., 307 4th av, Pittsburg, Pa.

Fences (Woven Wire)

Adams, W. J., Joliet, Ill.
AMERICAN STEEL & WIRE CO., Rookery, Chicago; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & San Francisco, Cal. (See adv. index, end of book)
Boley Wire Fence Co., Sandusky, O.
Crawfordsville Wire & Nail Co., Crawfordsville, Ind.
Cuyahoga Wire & Fence Co. ("Hartman" Stockade Field Fence), Cuyahoga Falls, O.
Cyclone Woven Wire Fence Co., Holby, Mich.
Clinton Wire Cloth Co., Clinton, Mass.
De Kalb Fence Co., De Kalb, Ill.
Dillon-Griswold Wire Co., Sterling, Ill.
Dunning Fence Works, Cedar Rapids, Ia.
Harris Wire Fence Co., Oxford, Mich.
Indiana Steel & Wire Co., Muncie, Ind.
Interstate Woven Wire Fence Co., Indianapolis, Ind.
Janesville Barb Wire Fence Co., Janesville, Wis.
Keystone Fence Co., Peoria, Ill.
Kitselman Bros., Muncie, Ind.
McClelland & Conner, Rossman, N. Y.
Minnesota Fence Works, 67 E. 9th, St. Paul, Minn.
National Steel & Wire Co., New Haven, Conn., & 114 Liberty, New York
New Jersey Wire Cloth Co., Trenton, N. J.
Page Woven Wire Fence Co., 200 Monroe, Chicago, Ill.; Adrian, Mich., & Monessen, Pa.
Peerless Fence Co., Holly, Mich.
Shimer Woven Wire Fence Co., Anderson, Ind.
Spring Steel Fence & Wire Co., Anderson, Ind.

Fenders (Brass & Iron)

(See also Fire Place Furnishings, Mfrs.)

BRADLEY & HUBBARD MFG. CO., Meriden, Conn. (See adv. index, end of book)
JACKSON, WM. H. CO., 29 E 17th (Union Square), New York. (See adv. index, end of book)

Ferro Chrome

Dana & Co., 32 B'way, N. Y.
Doggett, Stanley 101 Beekman, New York
Hooker, Howard M. & Co. (Inc.), Farmers Bank bldg, Pittsburg, Pa.
LEAVITT, C. W. & CO., 15 Cortlandt, New York. (See adv. index, end of book)
Roessler & Hasslacher Chemical Co. ("Poluekmetos" Brand), 100 William, N. Y.
Willson Aluminium Co., 99 Cedar, N. Y. C. Works, Kanawha Falls, W. Va.

Ferro Manganese & Ferro Silicon

Addy, Matthew & Co., Phila., Pa.; Chicago, Pittsburg, New York & St. Louis
Blair, Reed F. & Co., Frick bldg., Pittsburg, Pa.
Carnegie Steel Co., Carnegie bldg, Pittsburg, Pa.; 1502 Market, Phila., Pa.; 204 Dearborn, Chicago, & 71 B'way, N. Y.
Dana & Co., 32 B'way, N. Y.
Hooker, Howard M. & Co. (Inc.), Farmers Bank bldg, Pittsburg, Pa.
Janney, Steimetz & Co., Drexel bldg, Phila., Pa.
LEAVITT, C. W. & CO., 15 Cortlandt, New York. (See adv. index, end of book)
Roessler & Hasslacher Chemical Co. ("Poluekmetos" Brand), 100 William, N. Y.
Samuel, Frank (Firm of), 1502 Market, Phila., Pa.
Tennessee Coal, Iron & Railroad Co., Birmingham, Ala.
Wilson Aluminum Co., 99 Cedar, New York. Works, Kanawha Falls, W. Va.

Ferro-Phosphorus

LEAVITT, C. W. & CO., 15 Cortlandt, New York. (See adv. index, end of book)

Ferrules (Brass)

American Distributing Co., Syracuse, N. Y.
American Pin Co., Waterbury, Conn.
American Ring Co., Waterbury, Conn.
American Tube & Stamping Co., Bridgeport, Conn.
Bay State Stamping Co., Worcester, Mass.
BENEDICT & BURNHAM MFG. CO., Waterbury, Conn.; 253 B'way, New York; 172 High, Boston, Mass., & 167 Lake, Chicago, Ill. (See adv. index, end of book)
Boston Ferrule Co., 34 Osborn, Cambridgeport, Mass.
Bridgeport Brass Co., Bridgeport, Conn., & 19 Murray, N. Y.
Brunswick Mfg. Co. (Plain & Nickel Plated), Brunswick, Me.
Campbell, J. B. Brass Works (End Reducing & Trap Screw), Erie, Pa.
Edwardsville Brass Co. (For Plumbing), Edwardsville, Ind.
Gaynor & Mitchell Mfg. Co., Bridgeport, Conn.
Geneva Tool Co., Geneva, O.
Green, C. E. & Son, 95 Passaic, Newark, N. J.
Hays Mfg. Co., Erie, Pa.
Humphrey, H. W. (Solid), Unionville, Conn.
Hungerford, U. T. Brass & Copper Co. (also Copper), 497 Pearl, N. Y.
McKeel, Geo. A. & Co., Jackson, Mich.
McNab & Harlin Mfg. Co. (For Plumbing), 56 John, New York
Matthews Mfg. Co., Worcester, Mass.
Mueller, H. Mfg. Co. (For Plumbing), Decatur, Ill.
Novelty Mfg. Co., Waterbury, Conn.
Ohio Brass & Iron Mfg. Co. (For Plumbing), Cleveland, O.
Parker, Jno. L. & Co., Worcester, Mass.
Peck Bros. & Co., New Haven, Conn.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Queen City Brass & Iron Works, Cincinnati, O.
Rome Brass & Copper Co., Rome, N. Y., & 277 B'way, New York
Sanitary Co. (For Plumbing), 7 Water, Cleveland, O.
Scovill Mfg. Co., Waterbury, Conn.
Springfield Brass Co., Springfield, Mass.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Union Hardware Co., Torrington, Conn.
Waterbury Brass Co., Waterbury, Conn., & 122 Centre, N. Y.
Worcester Pressed Steel Co., Worcester, Mass.

Ferrules (Copper)

BENEDICT & BURNHAM MFG. CO., Waterbury, Conn; 253 B'way, New York; 172 High, Boston, Mass., & 167 Lake, Chicago, Ill. (See adv. index, end of book)
Cleveland Copper Ferrule Co., Cleveland, O.
HUNGERFORD, U. T., BRASS & Copper Co., 497 Pearl, New York
Rome Brass & Copper Co., Rome, N. Y.

Ferrules (Hard Fibre)

(See Fibre Mfrs., Hard.)

Ferrules (Iron & Steel)

American Fork & Hoe Co. Main Office, Cleveland, O. Export Office, 11 B'way, New York. Factories, Ashtabula, O.; Wallingford, Vt.; Binghamton, N. Y.; St. Johnsbury, Vt.; Girard, Pa.; Fkd., Phila., Pa.; Utica, N. Y., & Willoughby, O.
Bay State Stamping Co., Worcester, Mass.
Brunswick Mfg. Co. (Steel, Plain & Nickel Plated), Brunswick, Me.
McKeel, Geo. A. & Co. (Steel Hoe, Fork, Rake, etc.), Jackson, Mich.
Matthews Mfg. Co. (Steel), Worcester, Mass.
Parker, Jno. L. & Co., Worcester, Mass.
Pratt Chuck Co., Frankfort, N. Y.
Union Hdw. Co., Torrington, Conn.
Wilcox, Crittenden & Co., Middletown, Conn.
Worcester Pressed Steel Co. (Light Steel), Worcester, Mass.

Ferrules (Lead)

(See Lead Traps, Bends & Ferrules.)

Ferrules (Screw Driver)

McKeel, Geo. A. & Co., Jackson, Mich.

Ferrules (Tin & Sheet Metal)

Consolidated Fruit Jar Co. (Sheet Metal), New Brunswick, N. J., & 290 B'way, N. Y.
Humphrey, H. W., Unionville, Conn.
Troy Stamping Works, Troy, N. Y.

Ferrules (Wire)

Green, C. E. & Son, 95 Passaic, Newark, N. J.
Wire Goods Co., Worcester, Mass.

Fibre Manufacturers (Hard)

(In Sheets, Rods, Tubing, Etc.)

American Vulcanized Fibre Co., Wilmington, Del.
Delaware Hard Fibre Co., Wilmington, Del.
Diamond State Fibre Co., Elsmere, Del.
Duranoid Mfg. Co. (Duranoid), Newark, N. J.
Kartavert Mfg. Co., Wilmington, Del.
Leatheroid Mfg. Co., Kennebunk, Me., & 108 Lincoln, Boston, Mass.
National Fibre Board Co. (Horn Fibre), Kennebunk, Me.
Vulcanized Fibre Co., Wilmington, Del.

File Renewing

American File Renewing Co., 18 B'way, New York. Works, 320 Driggs av, Brooklyn, N. Y.

File & Rasp Mfrs.

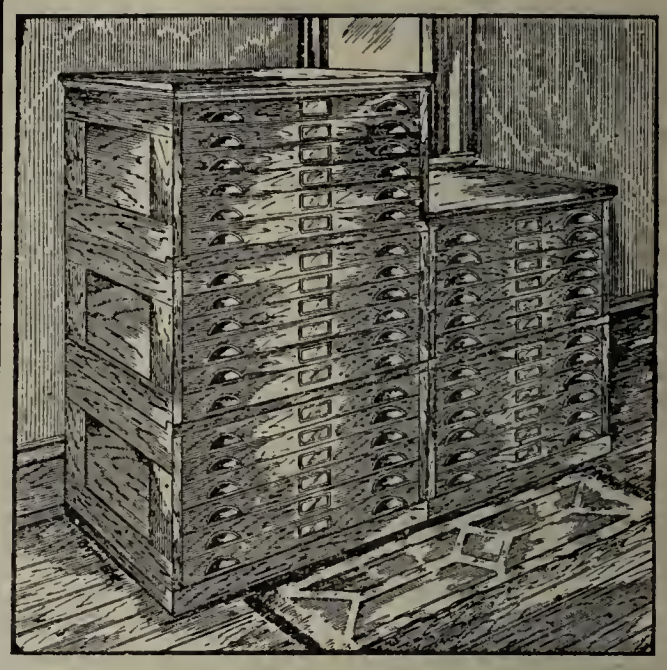
Akron File Works, Akron, O.
American Swiss File & Tool Co., Elizabeth, N. J.
Amesbury File Works, Amesbury, Mass.
Barnett, G. & H. Co. (Inc.), 41 Richmond, Phila., Pa.
Bell File & Rasp Works, Kansas City, Mo.
Bickhaus, A. C., Quincy, Ill.
Brohm & Molitor, 257 S Pearl, Albany, N. Y.
Chatterton, George, 140 Orms, Providence, R. I.
Chelsea File Works, Norwich, Conn.
Chicago File & Rasp Co., 384 S Canal, Chicago, Ill.
Co-operative File Co., Lawrence, Mass.
Dayton File Works, Dayton, O.
Disston, Henry & Sons (Inc.), Tacony, Phila., Pa., & 75 W. Wash'n, Chicago, Ill.
Doig, Jno. P., 27 W Randolph, Chicago
Eagle File Co., 35 Barclay, N. Y.
Fitchburg File Works, Fitchburg, Mass.
Flanagan, Matthew, 181 Brewery, New Haven, Conn.
Forquignon Mfg. Co., 13 E 16th, N. Y.
Gem City File Works, Quincy, Ill.
Gerlach, Peter & Co., 28 Columbus, Cleveland, Ohio
Gesswein, F. W. Co. (Also Importers), 39 John, N. Y.
Goerner & Plang, Akron, O.
Gough, A. & H., 46 Columbus, Cleveland, Ohio
Graves File Co. (Hand Cut), 67 N. J. R. R. av, Newark, N. J.
Grover, Jno. B. File Co., Nashua, N. H.
Hall Bros., Middletown, Conn.
Hart, Jeremiah, 259 Front, Worcester, Mass.
Haug, Jacob, 182 2d, N. Y.
Hayes File Co., Detroit, Mich.
Heller Bros. Co., 879 Mt. Prospect av, Newark, N. J.
Hiscox, A. J., Worcester, Mass.
Jetter Mfg. Co., 861 Jefferson, Buffalo, N. Y.
Johnson & Bro. File Co., 9 Commercial, Newark, N. J.
Kansas City File Works Co., 8th & Mill, Kansas City, Mo.
Laible, H. & Co., 701 Water, Baltimore, Md.
Litterst Co., Menlo Park, N. J.
Lukanitsch, J. B. (Importer, Swiss), 56 S Canal, Chicago, Ill.
McCaffrey File Co., 5th & Berks, Phila., Pa.
Madden File Co., Middletown, N. Y.
Maischoss Bros., 57 Chicago, Buffalo, N. Y.
Mayer & Co., c 20th & Allegheny av., Phila., Pa.
Morris, E. K. & Co., 317 W 2d, Cincinnati, O.
Mound File Co., 712 Howard, St. Louis, Mo.
Murcott & Campbell, Union av., Brooklyn, N. Y.
Nicholson File Co., 23 Acorn, Providence, R. I.; Beaver Falls, Pa.; Anderson, Ind., & 102 Reade, New York
Papps, C. H., Claremont, N. H.
Peninsular File Works, 130 Beaubien, Detroit, Mich.
Reynolds Bros. (Hand Cut), 180 N. Water, Columbus, O.
Shedinger, Wm. (Needle, Broach, etc.), Tacony, Phila., Pa.
Simonette File Co., Detroit, Mich.
Smyth & Sons, 57 Church, Albany, N. Y.
Stanley, Carlow L., 184 Cushing, Lowell, Mass.
Stokes Bros. Mfg. Co., Freehold, N. J.
Stubbs Steel Co., 17 N 5th, Phila., Pa.
Tragle Mfg. Co., Reading, Pa.
Troy File Works, Troy, N. Y.
Vulcan File Works, Dayton, O.
Westphal, F. & Co., 31st & Cherry, Milwaukee, Wis.
WHITMAN & BARNES MFG. CO., Akron, O.; 111 Chambers, New York, & West Pullman, Chicago, Ill. See adv. index, end of book)
Wilkinson, Wm. & Sons, Springfield, O.

Files (Newspaper)

SNEAD & CO. IRON WORKS, ft. of Pine, Jersey City, N. J. (See adv. index, end of book)

Filing Cabinets & Devices.

Amberg File & Index Co., 438 Fulton, Chicago, Ill., & 79 Duane, N. Y.
Art Metal Construction Co. (Sheet Steeel), Jamestown, N. Y.
BERGER MFG. CO. (Steel). Main Offiee & Works, Canton, O. Branches, 210 E 23d, New York; 23 Lake, Chicago, Ill.; 623 N Main, St. Louis, Mo.; 176 Federal, Boston, Mass., & 1215 Filbert, Phila., Pa. (See adv. index, end of book)
Cornell, J. B. & J. M. Co., 26th & 11th av, New York
Dick, A. B. Co., 161 W Jackson boul, Chicago, Ill.
ECONOMY DRAWING TABLE CO. (For Blue Prints, etc.), 1300 Utah, Toledo, O. (See adv. top of next column; also card at Drawing Tables)
General Fireproofing Co. ("Allsteel," Metallic), Youngstown, O.; 156 5th av, New York; 541 Wood, Pittsburg, Pa.; Old Colony bldg, Chicago, Ill., & Washington, D. C.
Globe-Wernicke Co., 4th & Elm, Cincinnati, O.; 380 B'way, N. Y.; 224 Wabash av, Chicago, Ill., & 93 Federal, Boston, Mass.
Gray Mfg. Co., Muskegon, Mich.
Gunn Furniture Co., Grand Rapids, Mich.
Krag Metallic Construction Co. (Metallic), Pontiac bldg, Chicago, Ill.
Library Bureau, 530 Atlantic av, Boston, Mass.; 316 B'way, New York; Phila., & Chicago.



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DRAWING TABLES, SECTIONAL FILING CASES, SPECIALS OF ANY KIND.

Macy, Wernicke Co. (Ltd.), Grand Rapids, Mich., & 293 B'way, New York
Moon Desk Co., Muskegon, Mich.
National Account File Co., Tremont, O.
Office, Bank & Library Co. (Metalic & Wood), 157 Summer, Boston, Mass., & 102 Fulton, New York
Ohmer's, M. Sons Co., Dayton, O.
Rockwell-Wabash Co., Chicago, Ill. Factory, Wabash, Ind.
Simple Account File Co., Tremont, O.
Tucker File & Cabinet Co., Ilion, N. Y.
Wabash Cabinet Co., Wabash, Ind.
Wagemaker Furniture Co., Grand Rapids, Mich.
Yawman & Erbe Mfg. Co., Rochester, N. Y., & 360 B'way, N. Y.

Filing Hooks (Wire)

Barbee Wire & Iron Co., 44 Dearborn, Chicago, Ill., & Lafayette, Ind.

Fillers (Barrel)

Moran Flexible Joint Co. (Automatic), Louisville, Ky.

Fillers (Dry Earth)

WILBUR, JOB, CO. Office, Providence, R. I. Factory, Phila., Pa. (See adv. index, end of book)

Fillers (Iron Casting)

SMITH, J. D., FOUNDRY SUPPLY CO., 40 S Water, Cleveland, O., & 2143 Central av, Cincinnati, O. (See adv. index, end of book)

Fillers (Iron & Steel)

Acme White Lead & Color Works, Detroit, Mich.
ATLAS PAINT CO. (Ltd.), 2638 Liberty av, Pittsburg, Pa. (See adv index, end of book)
BINSWANGER, B. & CO., 115 N 4th, Phila., Pa. (See adv. index, end of book)
Barrett-Lindeman Co., 1402 Frankford av., Phila., Pa.
Bowen's, S. Son, 4th & Venango, Phila., Pa.
Felton, Sibley & Co., 136 N 4th, Phila., Pa.
Forest City Paint & Varnish Co., Cleveland, O.
FRENCH, SAMUEL H. & CO., 4th & Callowhill, Phila., Pa. (See adv. index, end of book)
Grogan, H. F. & Co., 2113 E Sergent, Phila., Pa.
Keystone Paint & Filler Co., Muncy, Pa.
King Paint Mfg. Co. (Iron), 27 Dunham pl, Brooklyn, N. Y.
Lucas, John & Co., 322 Race, Phila., Pa.; 89 Maiden Lane, N. Y., & 59 N. Jefferson, Chicago

M'Lennan Paint Co. (Ltd.), 175-195 Rano, Buffalo, N. Y.
Sherwin & Williams Co., 104 Canal, Cleveland, Ohio
Suydam, M. B. Co., 61st & Butler, Pittsburg, Pa.
Smith, Edw. & Co., 45 B'way, N. Y.
Smith Paint & Varnish Co., 329 Chestnut, Milwaukee, Wis.
UNITED STATES GUTTA PERCHA CO. (Rice's Corliss Vulcan), 24 Mathewson, Providence, R. I. (See adv. index, end of book)
United States Paint Co., Williamsport, Pa.
Wadsworth-Howland Co., Ind. av. & 13th, Chicago, Ill.
Wadsworth-Howland & Co., 82 Wash'n, Boston, Mass.
WATERALL, WM. & CO., 200 N 4th, Phila., Pa.
WILBUR, JOB, CO. (Iron). Office, Providence, R. I. Factory, Phila, Pa. (See adv. index, end of book)
Wilhelm, A. Co., Reading, Pa.
Wisconsin Graphite Co. (Graphite), Allegheny, Pa.

Fillers (Paper & Paint)

Massena Mineral Filler Co. (Miners & Mfrs.), Massena, N. Y.

Fillers (Wood)

Acme White Lead & Color Works, Detroit, Mich.
Adams & Elting Co., 155 W. Wash'n, Chicago, Ill.
Armitage, Jno. L. & Co., Thomas c Dawson, Newark, N. J.
Atlantic Drier & Varnish Co., S. Swanson & McKean, Phila., Pa.
ATLAS PAINT CO. (Ltd.), 2638 Liberty av., Pittsburg, Pa. (See adv index, end of book)
Baldwin Filler & Varnish Co., Wyoming, Pa.
Barrett-Lindeman Co., 1402 Frankford av, Phila., Pa.
Blood, T. L. & Co., St. Paul, Minn.
Bradford, Jas. Co., 6 E. 3d, Wilmington, Del.
Bridgeport Wood Finishing Co., New Milford, Conn.; 55 Fulton, New York, & 70 W Lake, Chicago, Ill.
Buckeye Paint & Varnish Co., Toledo, O.
Burdsal, A. Co., 102 S Meridian, Indianapolis, Ind.
Butterworth, C. H. & Co. ("American"), 125 Market, Phila., Pa.
Chase, Roberts & Co., Long Island City, N. Y.
Chicago Wood Finishing Co., 259 Elston, Chicago, Ill.
Detroit Ideal Paint Co., 105 Canfield av., W., Detroit, Mich
Devoe, F. W. & T. C. Raynolds Co., 176 Randolph, Chicago, Ill., & 101 Fulton, N. Y.
Felton, Sibley & Co., 136 N 4th, Phila., Pa.
Forest City Paint & Varnish Co., Cleveland, O.
FRENCH, SAMUEL H. & CO., 4th & Callowhill, Phila., Pa. (See adv. index, end of book)
Graves, N. Z. & Co. (Ltd.), 3d c Arch, Phila.
Grippin Mfg. Co., Newark, N. J.
Grogan, H. F. & Co., 2113 E Sergeant, Phila.
Harnish, D. J. M., Lancaster, Pa.
Howell, Chas. H. & Co., 212 Race, Phila.
Indianapolis Paint & Color Co., 244 Mass av., Indianapolis, Ind.
Keystone Paint & Filler Co., Muncy, Pa.
Kroeger Bros., 31 P. O. av., Baltimore, Md.
Lucas, John & Co., 322 Race, Phila., Pa.; 89 Maiden lane, N. Y., & 59 N. Jefferson, Chicago
McCloskey, L. J. & Co., Bermuda & Margaret, Phila., Pa.
M'Lennan Paint Co. (Ltd.), 175-195 Rano, Buffalo, N. Y.
Marietta Paint & Color Co. Marietta, O.
Masury, John W. & Son, 50 Jay, Brooklyn, N. Y., & 2625 Stewart, Chicago, Ill.
Mepham, G. S. & Co., E St. Louis, Ill.
Mohawk Paint & Chemical Co. ("Ferox"), Norwich, Conn.
Moller & Schumann Co., Marcy & Flushing avs, Brooklyn, N. Y.
Nice, Eugene E. ("Liquid Paste), 272 S. 2d, Phila., Pa.
Phoenix Paint & Varnish Co., 124 Market, Phila., Pa.
Pomeroy & Fischer, 28 Frankfort, N. Y.
Ruth, B. F. & Co., Reading, Pa.
Sherwin-Wiliams Co., 104 Canal, Cleveland, O.
Schroeder, Smith & Schroeder, Lancaster, Pa.
Shoemaker, R. & Co., 4th & Race, Phila.
Smith, Edw. & Co., 45 B'way, N. Y.
Smith Paint & Varnish Co. (Paste & Liquid), 329 Chestnut, Milwaukee, Wis.
Sorby, P. V., 295 Grecnpoint av, Brooklyn, N. Y.
Stoeckel, R. E. (Importer), 2443 3d av, N. Y.
Suydam, M. B. Co., 61st & Butler, Pittsburg, Pa.
THOMSON WOOD FINISHING CO., 115 N 4th, Phila., Pa. (See adv. index, end of book)
Tucker, W. G. Co., 553 E. 116th, N. Y.
Ullman & Philpott Mfg. Co., 95 Merwin, Cleveland, O.
United States Paint Co., Williamsport, Pa.
Wadsworth-Howland Co., 13th & Indiana av., Chicago, Ill.
Wadsworth, Howland & Co., 84 Wash'n, Boston, Mass.
Waterproof Paint Co., Watertown, Mass.
WATERALL, WM. & CO., 200 N 4th. Phila., Pa.
Woodhouse, Sam'l F. (Liquid & Paste). Fkd, Phila, Pa.

Fillet Cutters

Milwaukee Foundry Supply Co. (Patternmakers' Leather), 258 Lake, Milwaukee, Wis.

Fillet (Leather)

Beskin Mfg. Co., Canton, O.
Butler, A. G., 284 Pearl, N. Y.
PAXSON, J. W. CO., (Also Metallic), 1021 N. Delaware av, Phila., Pa. (See adv indcx, end of book)
Timmis & Clissold, Bound Brook, N. J.

Fillets (Pattern)

Benskin Mfg. Co., Canton, O.
Brimm, A. W., Seneca Falls, N. Y.
Canton Fillet Co., Canton, O.
Knight, H. W. & Son, Seneca Falls, N. Y.
PAXSON, J. W. CO., 1021 N Delaware av, Phila., Pa. (See adv. index, end of book)

Filter Cloth Mfrs.

Brautigam, Robt., N. 10th & Roebling, Brooklyn, N. Y.
Dunn, Thos. L. C. & Co., 22 Morton, Brooklyn, N. Y.
Gulf Bag Co., 330 Notre Dame, New Orleans, La.
Shriver, T. & Co., 333 E. 56th, N. Y.

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CUMMINGS FILTER CO., 8 Wood, Pittsburg, Pa.; 18 S 7th, Phila., Pa.; 22 E 20th, New York; Bond bldg, Washington, D. C., & Rose bldg, Cleveland, O. (See adv. below)
Deutsch, Claude L., 141 B'way, N. Y.
General Engineering Co. (Inc.), 10 N 13th, Phila., Pa., & 419 W 42d, N. Y.
Jackson Filter Mfg. Co., Chemical bldg, St. Louis, Mo.
LOOMIS-MANNING FILTER CO., New Land Title bldg., Phila., Pa.; Union Trust bldg, Baltimore, Md.; Exchange bldg., Boston, Mass.; Fuller bldg., "The Flatiron," New York, & Colorado bldg, Washington, D. C. (See adv. next page)
NEW YORK CONTINENTAL JEWELL Filtration Co., 15 Broad, N. Y., & 42 W Quincy, Chicago, Ill. (See insert opp. next page)
PITTSBURG FILTER MFG. CO., Farmers Bank bldg, Pittsburg, Pa.
Reisert, Hans Co. (Ltd.) (American Branch), 17 Battery pl. New York
ROBERTS MFG. CO., 3011 Chestnut, Phila., Pa. (See insert opp. next page)
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See insert opp. next page)
Williams & Whitman, Fuller bldg., New York

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558 Rose Building, CLEVELAND, OHIO.

Filters (Bag)

(Is classified in its order, under Sugar Machinery, in the Letter S.)

Filters (Charcoal)

ROBERTS MFG. CO., 3011 Chestnut, Phila., Pa. (See insert opp.)
SCAIFE, WM. B. & SON CO., 221 1st av, Pittsburg, Pa. (See insert opp.)

Filters, Condensers, Etc., for Crude Oil Refining

Struthers-Wells Co., 26 Cortlandt, New York, & Pittsburg, Pa. Works, Warren, Pa.

Filters (Faucet)

Landers, Frary & Clark ("Crown"), New Britain, Conn.

Filters (Feed Water)

Automatic Water Purifying Co., 45 B'way, N. Y.
Baragwanath, Wm. & Son, 52 W Division, Chicago, Ill.
Erie Machine Shops ("Jackson"), Erie, Pa.
Fulton Iron Works (Llewellyn), San Francisco, Cal.
General Engineering Co. (Inc.), 10 N 13th, Phila., Pa., & 419 W 42d, N. Y.
Harrison Safety Boiler Works, Phila., Pa.
Hoppes Mfg. Co., Springfield, O.
Hygeia Filter Co., Detroit, Mich.
Jackson Filter Mfg. Co., Chemical bldg, St. Louis, Mo.
Kennicott Water Softener Co., Railway Exchange, Chicago, Ill.
Koven, L. O. & Bro., 50 Cliff, N. Y.
Liberty Mfg. Co., 6907 Susquehanna av, Pittsburg, Pa.
LOOMIS-MANNING FILTER CO., 828 New Land Title bldg., Phila., Pa.; Fuller bldg., "The Flatiron," New York; Union Trust bldg., Baltimore, Md.; Exchange bldg, Boston, Mass., Colorado bldg, Washington, D. C. (See adv. below)
McGowan, Jno. H. Co., 54 Centnral av, Cincinnati, O.
Manufacturers & Producers Supply Co., Pittsburg, Pa.
National Steam Economizer Co. ("Kellar"), Norwich, Conn.
NEW YORK CONTINENTAL JEWELL Filtration Co., 15 Broad, New York, & 42 W Quincy, Chicago, Ill. (See insert opp.)
Norwood Engineering Co., Florence, Mass.
ROBERTS MFG. CO., 3011 Chestnut, Phila., Pa. (See insert opp.)
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See insert opp.)
Stewart Heater Co., 389 Norfolk av, Buffalo, N. Y.
Ward & Upright Engineering Co. (Ward's Combination), 41 York, Brooklyn, N. Y.

Filters (Gravity & Pressure)

CUMMINGS FILTER CO., 8 Wood, Pittsburg, Pa.; 18 S 7th, Phila., Pa.; 22 E 20th, New York; Bond bldg, Washington, D. C., & Rose bldg, Cleveland, O. (See adv. preceding page)
Deutsch, Claude L., 141 B'way, N. Y.
Field Force Pump Co. ("Carter's"), Elmira, N. Y.
Giessel, Henry & Co. (for Cars & Stations), Chicago
Jackson Filter Mfg. Co., Chemical buldg, St. Louis, Mo.
LOOMIS-MANNING FILTER CO., New Land Title bldg., Phila., Pa.; Fuller bldg., 'The Flatiron," N. Y.; Union Trust bldg., Baltimore, Md.; Exchange bldg., Boston, Mass., & Colorado bldg, Washington, D. C (See adv. bottom of page)
NEW YORK CONTINENTAL JEWELL Filtration Co., 15 Broad, N. Y., & 42 W. Quincy, Chicago, Ill. (See insert opp.)
Lynn Filter Mfg. Co. (Pressure Only), 3250 Spring Grove av., Cincinnati, O.
Pittsburg Filter Mfg. Co., Farmers Bank bldg, Pittsburg, Pa.
Reisert, Hans Co. (Ltd.) (American Branch), 17 Battery pl, New York
ROBERTS MFG. CO., 3011 Chestnut, Phila., Pa. (See insert opp.)
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See insert opp.)

Filters (Mechanical)

(Is classified in its order under Sugar Machinery in the letter S.)

Filters (Oil)

Acton, John (The Nelson, Grit or Mud), 118 John, Brooklyn, N. Y.
Akron Belting Co. (Krotz), Akron, O.
Bates Machine Co., Joliet, Ill.
Bonar, Jas. & Co. (The Bonar), Frick bldg, Pittsburg, Pa.
Burt Mfg. Co. (The Cross & Warden), Akron, O.
Bushnell, Jno. S. Co., 126 Liberty, New York
Capilar Co. ("Capilar"), 136 S. 4th, Phila., Pa.
Colles, E. G. T. & Co., 42 S. Clinton, Chicago, Ill.
Collins Mfg. Co. ("Collins" Automatic System), Conshohocken, Pa.
Engineering & Power Co., Jamestown, N. Y.
Flower, Walter M. & Co. (The Acme), 5111 Vernon av, St. Louis, Mo.
Gwilliam, Jos. R. ("Imperial"), 115 N. 6th, Phila., Pa.
Haines, W. S. Co., 136 S 4th, Phila., Pa.
Hall Mfg. Co., 62 Cliff, New York
Handlan-Buck Mfg. Co. ("Superior"), 212 N. 3d, St. Louis, Mo.
Houghton, E. F. & Co. ("The "Houghton"), 240 W Somerset, Phila., Pa.
Jarecki Mfg. Co. (Automatic Pressure), Erie, Pa.
Keystone Engine & Machine Works, 112 Drexel ct, Phila., Pa.
Kosmic Oil Filter Co., Easton, Pa.
Liberty Mfg. Co. ("Famous"), Pittsburg, Pa.
Morris, Elmer P. (Cross), 15 Cortlandt, N. Y.
National Separator & Mfg. Co., Manchester, N. H.
Nusbaum, F. A., Dayton, O.
Peoria Automatic Filter Co. (The Peoria, Automatic), Peoria, Ill.
Pittsburg Gauge & Supply Co. (White Star), 309 Water, Pittsburg, Pa.
Purity Oil Filter Mfg. Co., Pittsburg, Pa.
Robertson, Jas. L. & Sons, 204 Fulton, N. Y.
Rose Valve Co., Troy, N. Y.
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See insert opp.)
Scranton Oil Filter Co., Scranton, Pa.
Scranton Steam Pump Co. ("Lippincott"), Scranton, Pa.
Sims Co., Erie, Pa.
Turner, M. A. (The Turner), South Bend, Ind.
Union Steam Specialty Co. ("Union"), Scranton, Pa.
Wilson, F. Cortez & Co., 239 Lake, Chicago, Ill.

Filters (Oil Refiners)

Hammond Iron Works, Warren, Pa.

Filters (Sand)

LOOMIS-MANNING FILTER CO., New Land Title bldg, Phila., Pa.; Fuller bldg, The "Flatiron," New York; Exchange bldg, Boston, Mass.; Union Trust bldg, Baltimore, Md., & Colorado bldg, Washington, D. C. (See adv. bottom of page)
NEW YORK CONTINENTAL JEWELL FILTRATION CO., 15 Broad, N. Y., & 42 W Quincy, Chicago, Ill. (See insert opp.)
Remmers, B. & Sons (Automatic, for Sugar, Glucose & Chemical Liquors, etc.), Bourse bldg, Phila., Pa.
ROBERTS MFG. CO., 3011 Chestnut, Phila., Pa. (See insert opp.)
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See insert opp.)

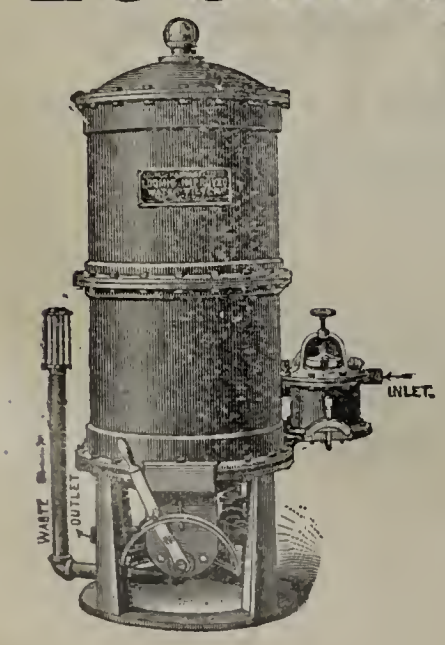
Filters (Tripoli)

ROBERTS MFG. CO., 3011 Chestnut, Phila., Pa. (See insert opp.)
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See insert opp.)
Seneca Filter Co., Seneca, Mo.

Filters (Water)

Berkefeld Filter Co. (A. Giesse), 4 Cedar, N. Y.
Buhring Water Purifying Co., 12 W B'way, N. Y.
CUMMINGS FILTER CO., 8 Wood, Pittsburg, Pa.; 18 S 7th, Phila., Pa.; 22 E 20th, New York; Bond bldg, Washington, D. C., & Rose bldg, Cleveland O. (See adv. preceding page)
Darling Filter Co., 299 Prospect, Cleveland, O.
Deutsch, Claude L., 141 B'way, N. Y.
Federal Filtration System, 141 B'way, N. Y.
Field, David W., Builders' Exchange, Phila., Pa.
Fulper Pottery Co. (Portable Natural Stone, Germ Proof), Flemington, N. J.
General Engineering Co. (Inc.), 10 N 13th, Phila., Pa., & 419 W 42d, N. Y.

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Private Residences, Hotels, Office Buildings, Apartment Houses, Clubs, Public and Private Institutions, Mills, Factories, Boiler Plants, Laundries, Dye and Bleach Works, Bottling Establishments, Etc. Villages, Towns and City Water Supplies.

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TRIPOLI FILTERS

for Drinking Water in Hotels, Office Buildings and Private Residences. Capacities from 10 to 100 gallons per hour; Analysis, 99 $\frac{8}{10}$ % bacteria removed.

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Dictated by AB H

NEW YORK Nov.12/04.

Messrs.S.E.Hendricks Co.,

76 Elm St.,

N.Y.City.

Gentlemen:-

We are in receipt of your valued favor of Nov.the 11th,confirming your telephone communication with writer in regard to the wants of the North Carolina Granite Corpn.,and we immediately took the matter up by telephone with our Philadelphia office,requesting them to hunt these people up,but was surprised to have them answer that Mr.Hendricks was in their office at that time getting data in regard to this crane.

We appreciate very much indeed your kindness in calling our attention to this,and we are taking the matter up with them.

Respectfully yours,

MANNING,MAXWELL & MOORE.

Per, A Brotherwood

Globe Filter Co., 1015 Sansom, Phila., Pa.
Hygeia Filter Co., Detroit, Mich.
Jackson Filter Mfg. Co., Chemical bldg, St. Louis, Mo.
Jones Mfg. Co. ("Gem"), 243 Franklin, Boston, Mass.
Levi Filter Co., Charleston, W. Va.
LOOMIS-MANNING FILTER CO., New Land Title bldg, Phila., Pa.; Fuller bldg, "The Flatiron," N. Y.; Exchange bldg, Boston, Mass,; Union Trust bldg., Baltimore, Md., & Colorado bldg, Washington, D. C. (See adv. preceding page)
Lynn Filter Mfg. Co. (Large Crushed Quartz), 3250 Spring Grove av, Cincinnati, O.
Manufacturers' & Producers' Supply Co. ("Davis"), Farmers' Bank bldg., Pittsburg, Pa.
National Filter Co., 277 Dearborn, Chicago, Ill.
NEW YORK CONTINENTAL JEWELL Filtration Co., 15 Broad, N. Y., & 42 W. Quincy, Chicago, Ill. (See insert preceding page)
Norwood Engineering Co. (Filters for Mills), Florence, Mass.
Paddock Water Filter Co., Buffalo, N. Y.
Penn Engineering Co. (Inc.) (Of all descriptions), 1421 Filbert, Phila., Pa.
Pittsburg Filter Mfg Co., Farmers Bank bldg., Pittsburg, Pa.
Rapid Filter Safety Co., 135 Front, New York
Reisert, Haus Co. (Ltd.) (American Branch), 17 Battery pl, New York
ROBERTS MFG. CO. (For every Purpose), 3011 Chestnut, Phila., Pa. (See insert opp. preceding page)
Ross Valve Co. ("Railton," "Campbell"), Troy, N. Y.
SCAIFE, WM. B. & SONS CO. (for Dwellings, Hotels, Hospitals, etc.), 221 1st av, Pittsburg, Pa. (See insert opp. preceding page)

Filters (Water, Portable)

Champion Safety Lock Co., Geneva, O.
Linke, T. & Co. (Stone Tub), 1559 B'way, N. Y.
Pasteur-Chamberland Filter Co. (Pasteur Germ Proof), Dayton, O.
Royal Machine Co., 61 N. J. R. R. av, Newark, N. J.
Wetherill, Robert & Co. (Roeske System), Chester, Pa.

Filters & Kilns (Charcoal, Etc.)

SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See insert opp. preceding page)

Finish (Flattine Wood)

STANDARD VARNISH WORKS, 29 B'way, N. Y.; 2620 Armour av, Chicago, Ill., & 23 Billiter st., London, England. (See adv. index, end of book)

Finish (Hard Oil)

Amce White Lead & Color Works, Detroit, Mich.
Anglo-American Varnish Co., 55 Johnson, Newark, N. J.
BERRY BROS. (Ltd.), Main Office & Factory, Detroit, Mich.; 262 Pearl, New York; 15 Lake, Chicago; 420 Main, Cincinnati, O.; 520 Atlantic av, Boston, Mass.; 26 N 4th, Phila., Pa.; 200 W Saratoga, Baltimore, Md.; 112 S 4th, St. Louis, Mo., 809 Mission, San Francisco, Cal. (See adv. index, end of book)
Bridgeport Wood Finishing Co., New Milford, Conn.; 70 W Lake, Chicago, Ill., & 55 Fulton, New York
Brooks, Clarence & Co., 249 Chestnut, Newark, N. J.
Buckeye Paint & Varnish Co., Toledo, O.
Butcher Polish Co., 356 Atlantic av, Boston, Mass.
Chicago Varnish Co., Dearborn av & Kenzie, Chicago; 66 High, Boston, & 22 Vesey, New York
Chicago Wood Finishing Co., 261 Elston av, Chicago, Ill.
Continental Varnish & Color Co., 1315 W. 8th, Kansas City, Mo.
Devoe, F. W. & C. T. Raynolds Co., 176 Randolph, Chicago, Ill., & 101 Fulton, N. Y.
Felton, Sibley & Co., 136 N 4th, Phila., Pa.
Flood & Conklin Co., 132 Chestnut, Newark, N.J.
FRENCH, SAMUEL H. & CO., 4th & Callowhill, Phila., Pa. (See adv. index, end of book)
Gillespie, Chas. H. & Sons, Marion, Jersey City P. O., N. J.
Glidden Varnish Co., Williamson bldg., Cleveland, O.
Grippin Mfg. Co., Newark, N. J.
Harrison Bros. & Co. (Inc.), 35th c Gray's Ferry rd, Phila., Pa.; 117 Fulton, N. Y.; 27 Lake, Chicago, & 72 Broad, Boston, Mass.
M'Lennan Paint Co. (Ltd.), 175-195 Rano, Buffalo, N. Y.
Macneal, Jas. B. & Co., 34 S Calvert, Baltimore, Md.
Mitchell & Wheeler, 319 N. J. R. R. av, Newark, N. J.
Moller & Schumann, Marcy & Flushing avs. Brooklyn, N. Y.
Murphy Varnish Co., Newark, N. J.; 244 22d, Chicago, Ill.; 95 Broad, Boston, Mass.; 300 S 4th, St. Louis, Mo., & 96 St. Clair, Cleveland, O.
Palmer-Price Co., 270 Chestnut, Newark, N. J.
Smith, Edward & Co., 45 B'way, New York
Somerville, Wm. Sons (Wax Finish), 66 Pine, N. Y.
Sorby, P. V., 295 Greenpoint av, Brooklyn. N. Y.
STANDARD VARNISH WORKS (Gutta Percha), 29 B'way, New York; 2620 Armour av, Chicago, Ill., & 23 Billiter st. London, England. (See adv. index, end of book)
Wilhelm, A Co., Reading, Pa.

Finish (Wall)

(See Wall Finish.)

Finishes (Elastica)

STANDARD VARNISH WORKS, 29 B'way, N. Y.; 2620 Armour av., Chicago, Ill., & 23 Billiter st., London England. (See adv. index, end of book)

Fire Brick Work for all Purposes

Warwick Construction Co. (Boiler Setting, Furnace Building, Coke Ovens, Engine Foundations, etc.), 138 Wash'n, Chicago, Ill.

Fire Clay

American Fire Brick & Clay Co., Mineral City, Ohio
Atlanta Terra Cotta Co., 6 N Forsyth, Atlanta, Ga.
Baltimore Terra Cotta Works (Ground & in Bulk), cor. Covington & Clement, Baltimore, Md.
Berry, Jas. E., Woodbridge, N. J.
Bloomfield Clay Co., Metuchen, N. J.
Borgner, Cyrus Co., 23d ab Race, Phila., Pa.
BOSTON FIRE BRICK CO. (Geo. M, Fiske, Mgr.), 161 Devonshire, Boston, Mass. (See adv. index, end of book)
Brooklyn Fire Brick Works, Brooklyn, N. Y.
Buckeye Fire Clay Co. (Ground, etc.), Uhrichsville, O.
Christy Fire Clay Co., Morgan Ford rd & Gravois av, St. Louis, Mo.
Crown Fire Clay Co., Canal, Dover, O.
Denny Clay Co., Seattle, Wash.
Dover Fire Brick Co., Cuyahoga bldg., Cleveland, O. Works, Strasburg, O.
Duffy, J. P. & Co., 440 E. 138th, N. Y.
Garden City Sand Co. (Dealers), Security bldg, Chicago, Ill.
Gautier, J. H. & Co. (Also Ground), Jersey City, N. J.
Harbison-Walker Refractories Co., Farmers' Bank bldg, Pittsburg, Pa.
Hatfield & Phillips, Alexandria, Pa.
Haydenville Co., Haydenville, O.
Hocking Clay Mfg. Co. (Ground & Crude), Logan, O.
Hutchins, Jno. A. & Co., Wyoming, Pa.
Iowa Pipe & Tile Co., Des Moines, Ia.
KREISCHER BRICK MFG. CO., 119 E 23d, New York. Works, Kreischerville, S. I., N. Y. (See adv. index, end of book)
Laclede Fire Brick Mfg. Co., Manchester & Sulphur avs, St. Louis, Mo.
Lincoln Fire Brick & Shape Co., Farmers' Bank bldg, Pittsburg, Pa.; Works, Bolivar, Pa.
Little Falls Fire Clay Co., Little Falls, Wash.
McLeod & Henry Co., Troy, N. Y.
Mack Mfg. Co., Land Title bldg, Phila., Pa.; Arrott bldg, Pittsburg, Pa. Works, New Cumberland, W. Va.
MAURER, HENRY & SON, 423 E 23d, New York; Penna bldg, Phila., Pa. Works, Mauer, N. J. (See adv. index, end of book)
Monmouth Mining & Mfg. Co., Monmouth, Ill.
Mutton Hollow Fire Brick Co. (Ground), Woodbridge, N. J.
Nelsonville Sewer Pipe Co. (Ground), Nelsonville, O.
New York Pottery Co., 630 W. 36th, N. Y.
Ohio Fire Brick Co., Oak Hill, O.
Ohio Fire Clay Mfg. Co., Steubenville, O.
Osceola Silica & Fire Brick Co., Osceola, Pa., & Arrott bldg., Pittsburg, Pa.
Pea Shore Brick & Terra Cotta Works. 31 Market, Camden, N. J.
Peekskill Fire Brick Works, Peekskill, N. Y.
Penna Fire Brick Co., Beech Creek, Pa., & Arrott bldg., Pittsburg, Pa.
PIONEER FIRE-PROOFING CO., 204 Dearborn, Chicago. (See adv. index, end of book)
Presbrey Stove Lining Co., Taunton, Mass.
Reese-Hammond Fire Brick Co., Bolivar, Pa., & Park bldg, Pittsburg, Pa.
Reynolds, E. J. & Co. (Plastic), Utica, Ill.
Robinson Clay Product Co. (Ground), Akron, O.
Rutland Fire Clay Co., Rutland, Vt.
St. Louis Vitrified & Fire Brick Co., 107 N 7th, St. Louis, Mo.
Scranton Fire Brick Co., Scranton, Pa.
Smith, A. F. Co., New Brighton, Pa.
Southern Fire Brick & Clay Co., 138 Wash'n, Chicago, Ill. Works, Mt. Silica, Ind.
Standard Fire Brick Co., Smith bldg, Pittsburg, Pa.
Standard Sand & Foundry Supply Co., 1434 Superior, Cleveland, O.
Stevens, H. Sons Co. (Milled), Macon, Ga.
Stratton Fire Clay Co., Empire, O.
Streator Clay Mfg. Co., Streator, Ill.
Syracuse Stoneware Co. (Branch of Robinson Clay Product Co. of Akron O.), Syracuse, N. Y.
Sweeney, Geo. & Co., 1334 Ridge av., Phila.,
Tygart Fire Brick Co., 706 Burns, Cincinnati, O. Works, Fullerton, Ky.
Washington Brick, Lime & Mfg. Co. (Milled & Screened), Spokane, Wash.
Wassal Fire Clay Co., 40 E Spring, Columbus, O.
Weber, Adam Sons, 15 Park Row, N. Y. city. Works, Weber, N. J.
Welch Fire Brick Works, House bldg., Pittsburg, Pa.
Williams, N. A. Co., Cham. of Com. bldg, Chicago, Ill.
Wynn, W. H. & Co., Blue Ball, Pa.

Fire Department Supplies.

(Consult Index of Contents for the Particular Article Required; See also Mill & Factory Supplies.)

Fire Door Fittings (Automatic)

Coburn Trolley Track Mfg. Co., Holyoke, Mass.
M'CABE HANGER MFG. CO., 425 W 25th, New York. (See adv. index, end of book)
NEWHALL, HENRY B., 9 Murray, N. Y. (See adv. index, end of book)
Standard Supplies Co., 123 Liberty, New York
Wilcox Mfg. Co., Aurora, Ill.

Fire Door Fixtures

Brewer Bros. (Rails, Brackets, etc.), 614 Filbert, Phila., Pa.
NEWHALL, HENRY B., 9 Murray, N. Y. (See adv. index, end of book)
Peters, Jas. & Son (Sliding & Swinging Automatic Fire Door & Shutter Hardware), 1934 N Front, Phila., Pa.

Fire Engines (Chemical)

Advance & Fire Appliance Co., Milwaukee, Wis.
Chemical Fire Engine Co., Des Moines, Ia.
Diggs Fire Extinguisher Co., 141 Centre, N. Y.
Fire Extinguisher Mfg. Co., 373 Wabash av, Chicago, Ill.
Nutting, H. S., Fire Extinguisher Co., 13 N E 5th, Minneapolis, Minn.
Rex Fire Extinguisher Co., 145 Centre, N. Y.
Seagrave Co., Columbus, O.
Stewart, A. F. & S. C. (Combination Chemical Engines & Hose Wagons), Rochester, N. Y.

Fire Engines (Gasoline)

Waterous Engine Works Co., St. Paul, Minn.

Fire Engines (Steam)

American-LaFrance Fire Engine Co. (Also Hand(, Elmira, N. Y.; 149 B'way, New York, & Seneca Falls, N. Y.
American Locomotive Co., 25 Broad, N. Y. Works, Dunkirk, N. Y.; Providence, R. I.; Schenectady, N. Y.; Richmond, Va.; Manchester, N. H.; Scranton, Pa.; Pittsburg, Pa., & Paterson, N. J.
Manning-Stovering Machine Co., 100 Merwin, Cleveland, O.
Rumsey & Co., Ltd. (Inc.), Seneca Falls, N. Y.

Fire Escapes

CALIFORNIA.

SAN FRANCISCO—Bay City Iron Works, 136 Main
Brode & Clark Iron Works, 621 Howard
California Artistic Metal & Wire Co., 539 Mission
Dyer Bros. Golden West Iron Works, 360 2d
Ralston Iron Works, 222 Howard
Todt & Peters, 109 Main
Western Iron Works, 123 Beale

COLORADO.

COLORADO SPRINGS—Hassell Iron Works Co., 1401 Market
DENVER—Denver Iron & Wire Works Co., 1403 Market
Pioneer Iron & Wire Works Co., 1433 Market

CONNECTICUT.

NEW HAVEN—Adlerhurst Iron Co., 99 Water
Waas, Jules, 41 Judson av
Yale Safe & Iron Co., 16 Richards
WATERBURY—Brenner Bros. Mfg. Co.

DISTRICT OF COLUMBIA.

WASHINGTON—Barber & Ross, 614 11th, n. w.
Jorss, A. Fred., 315 13th, N. W.

GEORGIA.

ATLANTA—Atlanta Wire & Iron Works Co., 64 N. Broad
Fulton Foundry & Machine Works
Withers Foundry & Machine Works
DALTON—Manly Machine Co.

ILLINOIS.

CHICAGO—American Iron & Wire Works, 577 Carroll av
Barbee Wire & Iron Works, 44 Dearborn
Benner Mfg. Co., 110 W Monroe
Blume, A. F., 611 N Halsted
Booth, John, 16 N Canal
Braumoeller, Hy. & Son, 92 W Van Buren
Cowles, J. T. Co., 224 E Wash'n
Enos Fire Escape Co., 179 N Sangamon
HALSTED, JOSEPH, 338 W. Randolph
HAMMILL FIRE ESCAPE CO., 138 Wash'n
HICKEY, M. H. WIRE & IRON Works, 54 Dearborn
Johnson, Chas. & Son, 95 E. Indiana
Koloseus, Max, 78 La Salle
LANDON & EGGERS IRON & WIRE WORKS, 1243 Fillmore. (See adv. index, end of book)
Muth, Christian, 428 Blue Island av
Petersen, H. A. Mfg. Co., 1326 Roscoe
Scaar, Frank & Co., 91 11th
Schreiber, E. A., 158 W Ohio
SMITH, F. P., Wire & Iron Works, 100 Lake. (See adv. index, end of book)
Union Foundry Works, 1st Natl. Bk. bldg
Vierling, McDowell & Co., 23d & Stewart av
PEORIA—Lucas, A. & Sons, c Cedar & Washington

INDIANA.

INDIANAPOLIS—Enterprise Foundry & Fence Co., 372 S Senate av
LAFAYETTE—Barbee Wire & Iron Works
MUNICE—Hanika, C. & Sons Architectural Iron Works
SOUTH BEND—Folsom, C. G.

IOWA.

DAVENPORT—Davenport Foundry & Machine Co.
Schneider, Chris.
DES MOINES—Central Iron Works
Des Moines Bridge & Iron Works
OTTUMWA—Fair-Williams Bridge & Mfg. Co.
SIOUX CITY—Hermann & Savage

KENTUCKY.

LOUISVILLE—Dow Wire Works Co. ("Kirker-Bender"), 730 W. Market
Imperial Wire, Iron & Roofing Co., 221 W Market
Snead Architectural Iron Works

MAINE.

PORTLAND—Adde & Co., 59 Kennebec
Megquier & Jones Co., 31 Pearl

MARYLAND.

BALTIMORE—Baltimore Bolt & Iron Works, 361 North
Campbell & Zell Co., Equitable bldg
CHESAPEAKE IRON WORKS, Severn & Bayard. (See adv. index, end of book)
Dietrich Iron & Bolt Works, 344 North
Krug, G. & Son, 415 W Saratoga
Meiser, H. & Son, 210 Clay

MASSACHUSETTS.

BOSTON—Boston Steel & Iron Co., 166 Devonshire
Bramhall, Otis, 34 Pitts
Chelmsford Foundry Co., 159 Devonshire
Dinn, P. J. & Co., 278 Dover
Flynn, Jas. (folding), 76 Sudbury
Nelson Bros., 155 A
Robbins, Alpheus B., 7 Province ct
Smith, G. W. & F. Iron Co., Gerard c Island
Smith & Lovett Co., 125 Albany
Snow, W. A. & Co., 19 Portland
Standard Fire Escape & Mfg. Co., 60 State
Whyte, Oliver & Co., 17 Cornhill
BROCKTON—Holt, Chas. H., 6 Foundry
CAMBRIDGE—Broadway Iron Foundry Co., 92 B'way (C. P.)
Chelmsford Foundry Co., 140 Portland
EVERETT—New England Structural Co.
HOLYOKE—Coburn Trolley Track Mfg. Co.
Haarmann & Dericks
Walsh's Holyoke Steam Boiler Works
MEDFORD—Boston Steel & Iron Co.
SPRINGFIELD—Springfield Iron Works, 106 Taylor
WORCESTER—Dahlberg, Olof N., 152 Union
French, Richard, 82 Union
Walls, Cornelius W., 44 La Grange

MICHIGAN.

DETROIT—**AMOS, CHARLES & CO., 94** W Larned. (See adv. index, end of book)
Barnum, E. T. Wire & Iron Works, 99 Shelby
Bolles, J. E. Iron & Wire Works, c Porter & 4th
De Croupet Iron Works, 127 Brush
Inglis, Wm. Wire & Iron Works, 59 E. Woodbridge
Lewis, H. B., 45 Jos. Campau av
Potts Movable Fire Escape Co., Bennett bldg
RUSSEL WHEEL AND FOUNDRY Co. (See adv. index, end of book)
VULCAN CO. (See adv. index, end of book)
Whitehead & Kales, Beecher av & M. C. R. R.
KALAMAZOO—Kalamazoo Cornice Works
SAGINAW—Koehler Bros.

MINNESOTA.

MINNEAPOLIS—Crown Iron Works Co., 109 2d av, S. E.
FLOUR CITY ORNAMENTAL IRON WORKS, 27th av & 27th st, S. (See adv. index, end of book)
Great Western Ornamental Iron Works, 107 5th av, N
Heffner, Wm., 508 S 2d
Northwestern Foundry, 312 10th av, S
ST. PAUL—Dow Wire Works Co., 90 E 5th
Herzog Iron Works, E 7th c Earl
Minnesota Fence Works, 67 E 9th
Perkins Mfg. Co., 1121 E 7th
Roberts-Goss Co., 4th c Pine
St. Paul Foundry Co., 213 Manhattan bldg
Twin City Fence & Wire Works, 223 E 6th

MISSOURI.

KANSAS CITY—Kansas City Fire Shutter Mfg. Co., Postal Tel bldg
Kansas City Wire & Iron Works, 1428 Oak
Standard Shutter & Iron Works, 9 W Levee
ST. JOSEPH—Ambrose Mfg. Co., 8th & Monterey
Berry Foundry & Mfg. Co., 5th & Walnut
ST. LOUIS—Aetna Iron Works, 21st & Papin
Banner Iron Works, 715 Locust
Christopher & Simpson, Architectural Iron & Foundry Co., Park av & 9th
Globe Iron & Foundry Co., 9th & Victor
Guerdan, Francis, 829 S 7th
Lasar-Letzig Mfg. Co., 1124 Wash'n av
Ludlow-Saylor Wire Co., 4th c Elm
Mesker & Bro., 421 S 6th
National Iron Works, 2708 N 25th
St. Louis Architectural Iron Co., De Kalb c Lesperance
St. Louis Wire & Iron Co., 518 to 522 Chauteau
Union Iron & Foundry Co., 1458 S 2d

NEW JERSEY.

JERSEY CITY—**SNEAD & CO. IRON** WORKS. (See adv. index, end of book)
NEWARK—Frank, Jno., 21 Prospect
Hay Foundry & Iron Works, Plum pt la
Lienau's C. C. Sons, 306 Fairmount av
Smith's, Albert Sons, 73 N. J. R. R. av
TRENTON—Baker, Wm. H., Mulberry c St. Joes av

NEW YORK.

BROOKLYN—(See New York city, Borough of Brooklyn)
BUFFALO—Ernst, Chas. F., 311 Walnut
Feine, August, 152 Terrace
Jones Iron Works, 308 Terrace
Machwirth Bros. Co,, 201 Oak

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—**AJAX IRON & WIRE CO.,** 75 York
Child, W. C. W., Milton & West
Clarke & Stowe, 232 Kent
Duvinage, Pierre, 498 Leonard
Eagle Iron Works (Inc.), 850 De Kalb av
Fluegel, Anton, 221 Cook
HECLA IRON WORKS, N 11th & Berry. (See adv. index, end of book)
Kennington, Geo. W., 412 3d av
Licari, Jas., 250 18th
Mock, Julius, Sch't'dy av c Rutland rd
Reliance Architectural Iron Works, 249 Monitor
RICHEY, BROWNE & DONALD. (See Borough of Queens)
Schubett Ornamental Iron Works, 62 N 1st
Webb & Bloss, 251 Monitor

Boroughs of Manhattan & Bronx

NEW YORK—Ahr, Anton, 701 Elton av
Allan-Babcock Mfg. Co., 104 E 126th
Allgoever, Chas. W., 690 E 155th
Bayer & Scherbner, 306 E 12th
Bowes, John J., 227 W 29th
Brady & Hauptmann, 410 E 104th
Central Iron Works, 420 E 48th
Cook, Francis, 407 W 36th
Cornell, J. B. & J. M. Co., 26th & 11th av
Diggs, D. W., 143 Centre
Dimond, Thomas, 128 W 33d
Gersman, Rud, 1976 Park av
Grimm, Richard, 49 3d av
Happel, Adam, 1803 1st av
Harris Safety Co. (Portable), 1133 B'way
HECLA IRON WORKS. (See Borough of Brooklyn)
Hinkle Iron Co., 534 W 56th
Hoil, John, 1971 1st av
JACKSON, WM. H. CO., 29 E 17th (Union Square), New York. (See adv. index, end of book)
Lee Portable Fire Escape Co., 853 B'way
Lyon, W. E. Iron Works, 202 E 46th
Neal & Brinker Co., 18 Warren
Nuhn, Conrad, 8 2d
Palmer, B., 231 W 50th
Palmer, Harris, 517 W 130th
PITT, WM. R. COMPOSITE IRON WORKS (Circular Stairs), 111 5th av (See adv. index, end of book)
Reynolds, E. P., 652 E 12th
RICHEY, BROWNE & DONALD. (See Borough of Queens)
Rosenzweig, Jos., 212 2d
Schubach, John, 105 W 108th
Schuitis, H., 310 W 33d
Taylor, Jas., 221 Mercer
Travers, J. P. & Son, 46 Beekman
Vreeland, G. A., 229 W 36th
Wilson, Hy. W., 1920 Lex av
Yarnitzky, Chas. 3 Orchard

Borough of Queens.

MASPETH (New York City)—**RICHEY,** Browne & Donald. (See adv. index, end of book)

(END OF NEW YORK CITY.)

ROCHESTER—Kohlmetz, Chas. E., 178 N Water
SYRACUSE—McCormick, Edwin J., 627 Montgomery
Schoeneck Co., 120 W Willow
Thelen, Nicholas, 101 Grape
TROY—Mahony Mfg. Co., 5th av & Liberty
West Side Structural Co.
UTICA—Jones, Willis H., 70 Hotel
Phoenix Iron Works, 171 Blandina

OHIO.

AKRON—Burger Iron Co.
Kasch Roofing Co.
CELINA—Hanika, C. & Sons, Iron Co.
CINCINNATI—Columbia Iron Works, 723 Reading rd
Grimm, Ig. & Co., 153 E McMicken av
Kamman, Walter, Front & Lawrence
Lang, Wm. & Sons Co., 108 E 12th
Nimmo Fence Co., 324 E 4th
Schoeneberg, Fred, 1907 W 8th
Schreiber, L. & Sons Co., 8th & Eggleston av
Schumacher, John H., 1444 Main
Stewart Iron Works, 3d & Culvert
Walton Iron Co., Spring Grove av & Monmouth
Ward, Wm. E. & Co., 1347 Central av
CLEVELAND—**FOREST CITY STEEL & IRON CO.** (See adv. index, end of book)
Macbeth Iron Co., W Center c Wilson
National Iron & Wire Works, 971 Hamilton
Sheer, Geo. D., 1808 Pearl
Standard Wire & Iron Co., c Center & Fall
Van Dorn Iron Works Co., 1793 E Madison
Variety Iron Works Co., Case av c Hamilton
Zeman Iron Works, 1590 B'way
DAYTON—Plocher, Andrew, 418 E 1st
KENTON—**CHAMPION IRON CO.** (See adv. index, end of book)
SANDUSKY—Ohio Structural Iron Co.
TOLEDO—Donovan Wire & Iron Co.
Powell, F. & Co. (National)
YOUNGSTOWN—Youngstown Wire & Iron Co.

OREGON.

PORTLAND—Phoenix Iron Works, Hawthorne c E 3rd
Portland Wire & Iron Works, 147 Front

PENNSYLVANIA.

ALLEGHENY—Albree, Chester B. Iron Works, 1129 Market
Kratzer, W. N. & Co., 3214 Smallman
Marshall Bros., S 21st c Mary
RIESECK, P., Allegheny av & Rebecca. (See adv. below)
Yant, Newton D. & Co., 839 Penna av
LANCASTER—Anne & Thomas, 317 Filbert
PHILADELPHIA—Aubel, F. & E., 2520 N 9th
Baizley, John Iron Works, 514 S Del. av
Bancroft & Bro., 64 N Mascher
Belmont Iron Works, 22nd & Wash av
Biggin, Chas. P. & Co. (Ltd.), 1829 Harlan
Coyle, H. B. Iron Works, 622 Filbert
Cresswell, Samuel J. Iron Works, 23d & Cherry
Darby, Edw. & Sons Co., 231 Arch
Gaumer, John L. Co., 19th c Hamilton
Gensel, Fred. & Co., 911 Vine
Hitzeroth, C., 3124 Market
Hoffman, G. R., Betz bldg
McArdle, Wm. H. & Son, 513 Bainbridge
MERRITT & CO., 1024 Ridge av. (See adv index, end of book)
REMPPIS, WM. F. CO., Witherspoon bldg. (See adv. index, end of book)
Richmond & Co., 1908 Market
Smith, A. L. & Co., 1305 Arch
Sutton, W. A. & Co., 2313 N 8th
Thompson Bros., 112 Bread
Wayne Iron Works (Inc.), Arcade bldg
PITTSBURG—Kratzer, W. N. & Co., 3239 Smallman
Marshall Bros., 341 Diamond
Phoenix Steel Construction Co., 3d & Penn av
TAYLOR & DEAN, 201 Market. (See adv index, end of book)
READING—**REMPPIS, WILLIAM F. CO.** (See adv index, end of book)
SCRANTON—Scranton Iron Fence & Mfg. Co., 1335 Capouse
SOUTH BETHLEHEM—Bethlehem Foundry & Machine Co.

RHODE ISLAND.

PROVIDENCE—Combination Ladder Co., 366 Fountain
Providence Ornamental Iron Works, 288 Dyer
Tower, J. H., 52 Borden

TENNESSEE.

CHATANOOGA—Brown, T. W. & Bro., 616 William
Cahill Iron Works, 102 Boyce
KNOXVILLE—Bowman, W. H.
Nelsen, H. O.
Sanford Day Iron Works
MEMPHIS—Chickasaw Iron Works
NASHVILLE—Elder, Hy., 129 S Market

VIRGINIA.

PORTSMOUTH—Ornamental Iron & Wire Co. (Inc.)

WISCONSIN.

MILWAUKEE—Bayley, Wm. & Sons Co., 732-736 Greenbush
Colnik, C. Mfg. Co., 221 8th
Globe Wire & Iron Works, Attkinson av
Petsch, Ferd., 619 Cedar
Skobis Bros., 955 30th
Wisconsin Iron & Wire Works, 186 E Water

Fire Escapes (Kirker-Bender)

Dow Wire Works Co., 730 W Market, Louisville, Ky.

Fire Escapes & Alarms (Automatic)

Harris Safety Co., 1133 B'way, New York
Hayward, S. F. & Co., 20 Warren, New York

Fire Extinguishers

(See also Sprinklers, Automatic Fire.)

CALIFORNIA.

SAN FRANCISCO—Brant, Paul ("Stempel"), 212 Calif
Brayton, W. H., 127 New Montg'y
Pacific Fire Extinguisher Co., 215 Sansome
Western Fire Appliance Co., 916 Market

CONNECTICUT.

HARTFORD—Pope Mfg. Co. ("Kilfyre" Dry Powder)

ILLINOIS.

CHICAGO—Altman & Co. ("The Geyser Hand"), 69 Dearborn
Battelle, Albert C., 145 Van Buren
Fire Extinguisher Mfg. Co., 373 Wabash av
General Fire Extinguisher Co. (Automatic), Royal Ins. bldg
Harden Hand Grenade Fire Extinguisher Co., 6213 Wentworth av
Johns, H. W.-Manville Co. (Dry Powder), 173 Randolph
Liberty Fire Extinguisher Co. (Dry Powder), 12 State
McMorran, Edw. E. & Co., 15 N Clinton
Miller Chemical Engine Co., 149 Huron
White Mfg. Co., 192 Michigan

INDIANA.

LOGANSPORT—Obenchain & Boyer

MARYLAND.

BALTIMORE—Griffith, L. P. & Co., 303 W Lombard
Holloway Fire Extinguishers, 424 E Saratoga
Kilfyre Co., 125 E Balto
Monarch Fire Appliance Co., 113 N Carey

MASSACHUSETTS.

BOSTON—**BADGER, E. B. & SONS CO.** (Automatic Chemical), 63 Pitts. (See adv. index, end of book)
Badger Fire Extinguisher Co., 32 Portland
Chemical Hand Fire Extinguisher Co., 213 Tremont

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General Fire Extinguisher Co. (Automatic), 34 Equitable bldg
Knight & Thomas, 31 Central
Standard Extinguisher Co., 40 Sudbury
Walworth Mfg. Co., 128 to 136 Federal

MICHIGAN.

DETROIT—**AMOS, CHARLES & CO., 94** W Larned. (See adv. index, end of book)
Clark, H. F. & Sons, McGraw bldg
Ireland & Matthews Mfg. Co. ("I. & M.")

MISSOURI.

ST. LOUIS—Johns, H. W.-Manville Co. (Dry Powder), 14 N 4th
Missouri Lamp & Mfg. Co., 114 Elm
Stempel Fire Extinguisher Mfg. Co., 620 N Main

NEW YORK.

NEW YORK—Advance Fire Extinguisher Co., 112 Wall
American Fire Extinguisher Co., 66 Bway
Best Mfg. Co., 79 E 130th
Clarke, James W., 145 Centre
Clayton Fire Extinguisher & Disinfecting Co., 11 B'way
Columbia Fire Extinguisher Co., 219 Centre
Diggs Fire Extinguisher Co. ("Diggs" Upright), 141 Centre
Downing, G. H., 219 Centre
Esty Sprinkler Co., 3 Mercer
Excelsior Fire Extinguisher Co., 219 Centre
Fire Extinguisher Mfg. Co., 149 Bway
Flame Proof Co., 31 Jay
Fyricide Mfg. Co., 44 Murray
General Fire Extinguisher Co. (Automatic), 92 William
Grinnell Automatic Sprinklers, 92 William
Harris Safety Co., 1133 B'way
Hayward, S. F. & Co. ("Babcock" Patrol, Champion, Liquid Seal; also Hand Grenades), 20 Warren
Improved Fire Appliance Co., 154 E 23d
International Sprinkler Co., 245 Water
Johns, H. W., Manville Co. ("The Manville"), 100 William
Little Giant Fire Extinguisher Co., 19 Liberty
Mfrs.' Automatic Sprinkler Co., 56 Liberty
METROPOLITAN FIRE EXTINguisher Co., 1133 B'way
Monarch Fire Appliance Co. (Especially Adapted for Railroads), 247 Pearl
Phoenix Fire Appliance Co., 13 W 28th
Pope Mfg. Co. ("Kilfyre" Dry Powder), Park Row bldg
Rapid Safety Fire Extinguisher Co., 359 W B'way
Rex Fire Extinguisher Co., 145 Centre
Rowe, Arthur C., 280 B'way
Safety Fire Extinguisher Co., 29 W 42d
Sulphur Dioxide Fumigating & Fire Extinguishing Co., 11 B'way
U. S. Fire Extinguisher Mfg. Co., 134 W 23rd
VOGEL, HENRY G. CO., 3 Mercer. (See adv index, end of book)
Walworth Mfg. Co., 15 Park Row
Woodhouse Mfg. Co., 59 Park pl
UTICA—Childs, O. J. Co. ("The Utica"), 48 Liberty

OHIO.

CINCINNATI—Nuhring, Chas., 907 Walnut
Thompson, Walter M. & Co., 835 W 5th
CLEVELAND—Miller Chemical Engine Co. of Ohio, 3 S Water
COLUMBUS—Federal Mfg. Co. ("I. X. L.")

PENNSYLVANIA.

PHILADELPHIA—American Chemical Fire Pail Co., 14 N 4th
Clay, Jno. H., 1320 Ridge av
General Fire Extinguisher Co., Mutual Life bldg & 3124 Chestnut
International Sprinkler Co., 517 Arch & 2019 Wash'n av
Myers, William R., 39 Strawberry
National Inspection Co., 420 Sansom
Trainer & Co., 405 Walnut
Underwriters' Fire Extinguishers, Phila. Bourse
Vogel, H. G. Co., 308 Chestnut
PITTSBURG—McKenna Bros. Brass Co.
READING—Reading Fire Extinguishing Co., 510 Court

WISCONSIN.

MILWAUKEE—Advance & Fire Appliance Co.
Badger Chemical Co. ("Mitchell")
Johns, H. W.-Manville Co. (Dry Powder), 217 Clybourn

Fire Extinguishers & Disinfecting Apparatus

Clayton Fire Extinguisher & Disinfecting Co. ("Clayton" Gas for Ships, etc.), 11 B'way, New York

Fire Gilt & Fire Enameling.

GORHAM MFG. CO., B'way & 19th, New York. (See adv. front stencil)
JACKSON, WM. H. CO., 29 E. 17th (Union Square), N. Y. (See adv. index, end of book)

Fire Hose Mfrs.

(See Hose Mfrs., Fire.)

Fire Hose Reels (Swinging)

(See Hose Racks & Reels.)

Fire Mortar & Kaolin

MAURER, HENRY & SON, 420 E 23d, New York; Penna bldg, Phila., Pa. Works, Maurer, N. J. (See adv. front inside cover)
Staten Island Clay Co., Woodbridge, N. J.

Fire-Place Furnishings Mfrs.

Aldrich Mfg. Co. (Brass), Buffalo, N. Y.
Blacklock Foundry (Andirons, etc.), South Pittsburg, Tenn.
Boston Brass Andiron Co. (Andirons, Fire Sets & Fenders), 104 Utica, Boston, Mass.
BRADLEY & HUBBARD MFG. CO. (Andirons, Fenders, Fire Sets, etc.), Meriden, Conn. (See adv. index, end of book)
Bridgeford & Co. (Fancy Grates & Furniture), Louisville, Ky
Cahill Iron Works (Plated Grates, etc.), Chattanooga, Tenn.
Carr, Jas. W. (Grates & Fenders), 319 W Clay, Richmond, Va.
Chattanooga Implement & Mfg. Co. (Grates, all kinds), East Chattanooga, Tenn.
Dighton Furnace Co. (Grates, Andirons, etc.), No. Dighton, Mass.
Elm City Brass & Rivet Co., Plainville, Conn.
Eureka Foundry Co. (Brass.), 1110 Richmond, Cincinnati, O.
Fischer Leaf Co., 1438 High, Louisville, Ky.
Gaumer, John L. Co. (Wrought Iron), 19th & Hamilton, Phila., Pa.
Graf, Frank H. (Brass, Bronze & Black Iron), 322 & 324 7th av, N. Y.
Holmes, Booth & Haydens Co., Waterbury, Conn., & 37 Park pl, N. Y
JACKSON, WM. H. CO. (Fire Screens, Fenders, Fire Sets, etc., Brass & Iron), 29 E 17th (Union Square), N. Y. (See adv. index, end of book)
Jackson's Mantel & Grate Works, 246 Front, New York
Janusch, F. G. (est. of) (Brass, etc.), 750 E 134th, New York
Judd, H. L. Co. (Fenders, Andirons, etc.), 87 Chambers, New York
Knott, Harker & Co., Beaver Falls, Pa.
McKenney & Waterbury, 181 Franklin, Boston, Mass.
Manhattan Brass Co. (Brass), 334 E 28th, N. Y.
Megquier & Jones Co. (Brass), 29 Pearl, Portland, Me.
Murdock Corporation (Brass), 156 Boylston, Boston, Mass.
Peck, Stow & Wilcox Co. (Brass, etc.) Southington, Conn.; 31 Warren, New York, & Cleveland, O.
Pittsburg Stove & Range Co. (Columbia & Peerless Grates, etc.), Pittsburg, Pa.
PITT, WM. R. COMPOSITE IRON WORKS (Wrought Iron), 111 5th av, N. Y. (See adv index, end of book)
Rose & Hastie, 754 Lexington av, Brooklyn, N. Y.
Sharpless & Watts, 1522 Chestnut, Phila., Pa.
Spinner, Wm. Heater Co. (Steel Mantels for Gas & Brass Fenders, etc.), Warren, Pa.
Troy Nickel Works (Jno. E. Gaitley, prop'r) ("Alaska," Nickel, Antique Bronze, etc.), Albany, N. Y.
Uris, Haris H. (Wrought Iron), 525 W 24th, N. Y.
WRIGHT WIRE CO. (Ornamental Wire Fenders & Spark Guards), Worcester, Mass. (See adv. index, end of book)

Fire-Proof Building Materials.

(For various kinds of Fire-Proof Building Materials see sub-classifications of this head, following in regular alphabetical order.)

American Clay Mfg. Co., Keystone bldg, Pittsburg, Pa.
American Monolith Co. (Monolith), Milwaukee, Wis.
Atlanta Terra Cotta Co., Austell bldg, Atlanta, Ga.
BUFFALO EXPANDED METAL CO., D. S. Morgan bldg, Buffalo, N. Y. (See adv. index, end of book)
Carson, Wm. T. (Mfrs. Agts.), Equitable bldg, Baltimore, Md.
CARTER, BLACK & AYERS, 1 Madison av, New York. (See adv. index, end of book)
CENTRAL EXPANDED METAL CO., 541 Wood, Pittsburg, Pa. (See adv. index, end of book)
Clarke, Wm. Wirt & Son (Mfrs. Agts.), 115 S Gay, Baltimore, Md.
Columbian Fireproofing Co., Times bldg, Pittsburg, Pa.; Real Est. Trust bldg, Phila., Pa.; 1 Madison av, New York; 8 Beacon, Boston, Mass., & Chemical bldg, St. Louis, Mo.
Denny Clay Co., Jackson & Commercial, Seattle, Wash.
Denver Terra Cotta Lumber Co., 1324 S Tremont, Denver, Col.
Dickey, W. S. Clay Mfg. Co., N. Y. Life bldg, Kansas City, Mo.
Doehring Fire-Proof Construction Co., 1123 B'way, New York
Duffy, J. P. & Co., 440 E 138th, New York
EASTERN EXPANDED METAL CO., 101 Tremont, Boston, Mass. (See adv. index, end of book)
ELECTRIC FIRE-PROOFING CO., 19th & East River, New York. (See adv index, end of book)
EXPANDED METAL ENGINEERING Co., 256 B'way, New York. (See adv. index, end of book)
EXPANDED METAL FIREPROOFING Co., Ltd., Toronto, Canada. (See adv. index, end of book)
EXPANDED METAL FIREPROOFING Co. of Pittsburg, 541 Wood, Pittsburg, Pa. (See adv index, end of book)
Federal Clay Mfg. Co., Akron, O., & 39 Cortlandt, New York
Franklin Fire-Proofing Co., Dallas, Tex.
Gladding, McBean & Co., Rialto bldg, San Francisco, Cal. Works, Lincoln, Cal.
Haydenville Co., Haydenville, O.
Hinchman-Renton Fire Proofing Co., 1815 Arapahoe, Denver, Colo.
Ill. Terra Cotta Lumber Co., 461 "The Rookery" bldg, Chicago, Ill.
Imperial Expanded Metal Lath Co., Monadnock bldg, Chicago

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Land Title Building,	PHILADELPHIA, PA.
Old South Building,	BOSTON, MASS.
Hartford Building,	CHICAGO, ILL.

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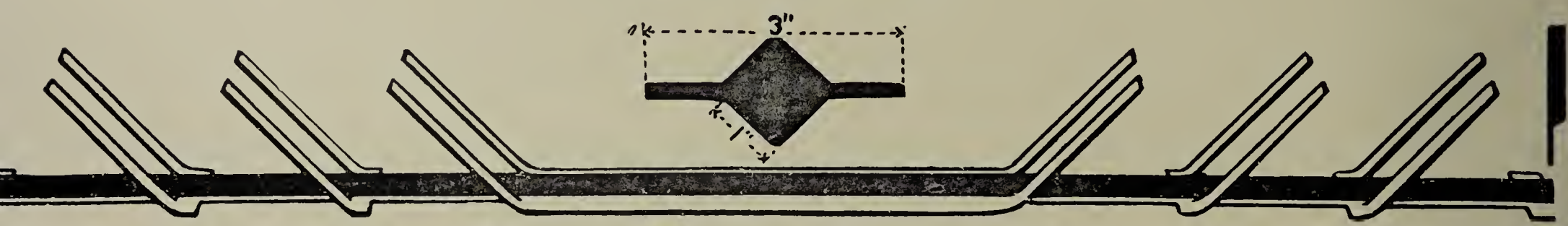
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Ketcham, O. W. (Mfrs'. Agt.), 24 S 7th, Phila., Pa.
KEYSTONE FIREPROOFING CO., Works, Chester, Pa. Office, 16 S Broad, Phila., Pa. (See adv. opp. next page)
Laclede Fire Brick Mfg. Co., Manchester & Sulphur avs, St. Louis, Mo.
Lines, H. Wales Co., Meriden, Conn.
Little Falls Fire Clay Co., Little Falls, Wash.
LOMBARD FIRE-PROOFING CO., 166 Devonshire, Boston
Mackolite Fire-Proofing Co., 1303 Schiller bldg, Chicago, Ill.
MAURER, HENRY & SON, 420 E 23d, New York; Penna bldg Philadelphia, Pa. Works, Maurer, N. J. (See adv. front inside cover)
MERRITT & CO., 1024 Ridge av, Philadelphia, Pa. (See adv. index, end of book)
Metropolitan Fire-Proofing Co., 13 Burling slip, New York, & Trenton, N. J.
Montague & Co., Chattanooga, Tenn.
NATIONAL FIRE PROOFING CO., Bessemer bldg, Pittsburg, Pa.; 170 B'way, New York; Land Title bldg, Philadelphia, Pa.; Old South bldg, Boston, Mass., & 140 Dearborn, Chicago, Ill. (See insert opp. preceding page)
NORTHWESTERN EXPANDED METAL Co., Old Colony bldg, Chicago, Ill. (See adv. index, end of book)
Parker & Russell Mining & Mfg. Co., 417 Pine, St. Louis, Mo.
Penna. Fireproofing Co., St. Marys, Pa.
PERSON, O. D., 160 5th av, N. Y.
PIONEER FIRE-PROOFING CO., 204 Dearborn, Chicago, Ill. (See insert opposite)
Pittsburg & Buffalo Co., Frick bldg, Pittsburg, Pa.
Rochester Brick & Tile Mfg. Co., Powers blk, Rochester, N. Y.
ROEBLING CONSTRUCTION CO., Fuller bldg, B'way & 23d, New York. Branches: Boston, Philadelphia, Pittsburg, Buffalo, Cleveland, Chicago, St. Louis, Seattle & San Francisco. (See adv. index, end of book)
ST. LOUIS EXPANDED METAL & FIRE-PROOFING CO., Century bldg, St. Louis, Mo. (See adv index, end of book)
Sall Mountain Asbestos Mfg. Co., 123 Ontario, Chicago; 99 Nassau, New York, & Sautee, Ga.
Schratweiser, C., 3d av & 7th, Brooklyn, N. Y.
SOUTHERN EXPANDED METAL CO., 1237 G, N W, Washington, D. C. (See adv. index, end of book)
Staten Island Clay Co., Woodbridge, N. J.
THOMAS, E. H. (Mfrs. Agt.), 1123 B'way, N. Y.
TRUSSED CONCRETE STEEL CO. Home Office, Union Trust bldg, Detroit, Mich. Branches: 160 5th av, New York, N. Y.; 612 N Calvert, Baltimore, Md.; D. S. Morgan bldg, Buffalo, N. Y.; Williamson bldg, Cleveland, O.; Chemical bldg. St. Louis, Mo.; Farmers' B'k bldg, Pittsburg, Pa., & 18 Toronto st, Toronto, Canada. (See insert opposite)
Washington Brick, Lime & Mfg. Co., Spokane, Wash.
White Fire Proof Construction Co., 162 W 27th, New York
Whiteacre Fire Proofing Co., Waynesboro, O.
Wotherspoon Plaster Mills, 1170 B'way, New York, & Long Island City, N. Y.

*Fire-Proof Elevator Casings.

DAHLSTROM METALLIC DOOR CO., Jamestown, N. Y., & 149 B'way, New York. (See adv. index, end of book)

Fire-Proof Factory Construction.

Ransome & Smith Co. (Complete Factory Buildings), 11 B'way, N. Y.

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Vulcanite Paving Co. (Bromley's Patent), Fidelity bldg, Phila., Pa., & 11 B'way, New York

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Fire-Proof Floors & Partitions.

ASBESTOS & MAGNESIA MFG. CO., Land Title bldg, Philadelphia, Pa. (See adv. index, end of book)
Bailey, Thos., 1086 St. Nicholas av, New York
BROWN HOISTING MACHINERY CO. ("Ferroincave"), 1345 St. Clair, Cleveland, O., & 26 Cortlandt, New York. (See adv. index, end of book)
BUFFALO EXPANDED METAL CO., D. S. Morgan bldg, Buffalo, N. Y. (See adv. index, end of book)
CENTRAL EXPANDED METAL CO., 541 Wood, Pittsburg, Pa. (See adv. index, end of book)
City Fire Proofing Co., 611 W 51st, New York
Clinton Wire Cloth Co., Clinton, Mass.; Sears bldg, Boston, Mass.; 33 Park pl, New York, & 237 Lake, Chicago, Ill.
Doehring Fire-Proof Construction Co., 1123 B'way, New York
EASTERN EXPANDED METAL CO., 101 Tremont, Boston, Mass. (See adv. index, end of book)
EXPANDED METAL ENGINEERING Co., 256 B'way, New York. (See adv. index, end of book)
EXPANDED METAL FIREPROOFING Co., Ltd., Toronto, Canada. (See adv. index, end of book)
EXPANDED METAL FIREPROOFING Co. of Pittsburg, 541 Wood, Pittsburg, Pa. (See adv index, end of book)
Fireproofing Tile Co. ("Gypsite"), 250 Beecher av, Detroit, Mich.
FLEMING & CO., 123 Liberty, N. Y. (See adv index, end of book)
GAYLOR, P. W., 725 1st av, N. Y. (See adv. index, end of book)
Hayes, Geo. Co., 71 8th av, New York
Illinois Terra Cotta Lumber Co., The Rookery bldg, Chicago
Imperial Expanded Metal Lath Co., Monadnock blk, Chicago, Ill.
INTERNATIONAL FENCE & FIRE- Proofing Co. ("Internationtl" System). Buttles av, Columbus, O. (See adv. index, end of book)
Lasar Letzig Mfg. Co., 16th & O'Fallon, St. Louis, Mo.
Mackolite Fire-Proofing Co. (Mackolite), 1303 Schiller bldg, Chicago, Ill.
MAURER, HENRY & SON (The "Phoenix"), 420 E 23d, New York; Penna bldg, Philadelphia, Pa. Works, Maurer, N. J. (See adv. inside front cover)
MERRITT & CO. (Floors & Part), 1024 Ridge av, Philadelphia, Pa. (See adv. index, end of book)
Metal Concrete Construction Co. (Concrete Steel), 15 Park Row bldg. N. Y.
Metropolitan Fire-Proofing Co., 13 Burling slip, New York, & Trenton, N. J.
MICHIGAN WIRE CLOTH CO., 500 Howard, Detroit, Mich. (See adv. index, end of book)
Monahan, Martin J., 1123 B'way, New York
NATIONAL CONCRETE FIREPROOFING CO., New England bldg, Cleveland, O. Builders' Exchange, Pittsburg, Pa., & Builders' Exchange, Baltimore, Md. (See adv. index, end of book)
NATIONAL FIRE PROOFING CO., Frick bldg, Pittsburg, Pa.; 170 B'way, New York; North American bldg, Philadelphia, Pa.; 166 Devonshire, Boston, Mass., & 140 Dearborn, Chicago, Ill. (See insert opp. preceding page)
NORTHWESTERN EXPANDED METAL Co., Old Colony Bldg, Chicago, Ill. (See adv. index, end of book)
Oliver, Chas. D. & Co., 1123 B'way, New York
PITTSBURG EXPANDED METAL CONTRACTING CO. (Ltd.), 541 Wood, Pittsburg, Pa. (See adv. index, end of book)
ROEBLING CONSTRUCTION CO., Fuller bldg, B'way & 23d, New York. Branches, Boston, Philadelphia, Pittsburg, Buffalo, Cleveland, Chicago, St. Louis, Seattle & San Francisco. (See adv. index, end of book)
ST. LOUIS EXPANDED METAL & Fireproofing Co., Century bldg, St. Louis, Mo. (See adv. index, end of book)
Sanitary Fire Proofing & Contracting Co., 422 E 106th. New York
Schratwieser, C., 3d av & 7th, Brooklyn, N. Y.
1237 G, N W, Washington, D. C.
SOUTHERN EXPANDED METAL CO., 1237 G, N W, Washington, D. C. (See adv. index, end of book)
THOMAS, E. H. (Mfrs. Agt.), 1123 B'way, N. Y.
Voss, Fredk. (Wire Lath), 621 Austin av, Chicago, Ill.
Vulcanite Paving Co., Land Title bldg, Phila., Pa.
Waite, Guy B. Co., 409 E 31st, New York
WESTERN EXPANDED METAL & Fireproofing Co., San Francisco, Col. (See adv. index, end of book)
White Fire Proof Construction Co., 162 W 27th, New York
Wight-Easton Construction Co., 160 5th av, N. Y.

Fire-Proof Floors & Partitions Ferroinclave

BROWN HOISTING MACHINERY CO., 1345 St. Clair, Cleveland, O., & 26 Cortlandt, New York. (See insert opp. page 502)

Fire-Proof Hollow Floors.

MAURER, HENRY & SON (The Herculcan), 420 E 23d, New York; Penna bldg, Philadelphia, Pa. Works, Maurer, N. J. (See adv. front inside cover)

Fire-Proof Hollow Tile.

American Clay Mfg. Co., Keystone bldg, Pittsburg, Pa.
Braislin, Jno. & Sons, Crosswicks, N. J.
Clark, N. & Sons, 17 Spear, San Francisco, Cal.
Delaware Fireproofing Co., Delaware, O.
Denver Terra Cotta Lumber Co., 1324 S Tremont, Denver, Col.
Dickey, W. S. Clay Mfg. Co., Kansas City, Mo.
Federal Clay Mfg. Co., 170 B'way, N. Y.
Gladding, McBean & Co., Rialto bldg, San Francisco, Cal. Works, Lincoln, Cal.
Haydenville, Haydenvile, O.
O.
Illinois Terra Cotta Lumber Co., The Rookery, Chicago
Laclede Fire Brick Mfg. Co., Manchester & Sulphur av s, St. Louis, Mo.
Little Falls Fire Clay Co., Little Falls, Wash.
MAURER, HENRY & SON, 420 E 23d, New York; Penna bldg, Philadelphia, Pa. Works, Maurer, N. J. (See adv. front inside cover)
NATIONAL FIRE PROOFING CO., Frick bldg, Pittsburg, Pa.; 170 B'way, New York; North American bldg, Philadelphia, Pa.; Canton, O., & 166 Devonshire, Boston, Mass. (See insert opp. preceding page)
NATIONAL PYROGRANIT CO., 17 Battery pl, New York. Works, South River, N. J. (See adv. index, end of book)
Northwestern Fire-Proofing Works, Minneapolis, Minn.
Onondaga Vitrified Brick Co., Syracuse, N. Y.

Parker-Russell Mining & Mfg. Co., 417 Pine, St. Louis, Mo.
Penna. Fireproofing Co., St. Marys, Pa.
PIONEER FIRE-PROOFING CO., 204 Dearborn, Chicago, Ill. (See adv. opp. preceding page)
Rathbun Co., Deseronto, Ont., Canada.
Rochester Brick & Tile Mfg. Co., Powers blk, Rochester, N. Y.
Staten Island Clay Co., Woodbridge, N. J.
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Knisely Bros., 28th pl & 5th av, Chicago, Ill.
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Smith-Warren Co., 93 Federal, Boston, Mass., & 253 B'way, N. Y.
VOIGTMANN & CO., 42-54 E Erie, Chicago, Ill.; 8 Jones, New York, & 220 N Liberty, Baltimore, Md. (See adv. index end of book)

Fire-Proof Wood Work.

(See Fire Proofing of Wood.)

Fire-Proofing (Asbestos.)

(See Asbestos Materials.)

Fire-Proofing (Bostwick System)

BOSTWICK STEEL LATH CO., Niles, O. (See adv. index, end of book)

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Youngstown Iron & Steel Roofing Co., Youngstown, O.

Fire-Proofing (Columbian System.)

Columbian Fire Proofing Co., Times bldg., Pittsburg, Pa.; 1 Madison av, New York; Real Estate Trust bldg, Philadelphia, Pa.; Chemical Bk bldg, St. Louis, Mo., & 8 Beacon, Boston, Mass.

Fire-Proofing (Hecla System)

HECLA IRON WORKS, 118 N 11th, Brooklyn, N. Y. (Metal Combined with Fireproof Material, see adv. at Window Frame & Sash, Metallic)

Fire-Proofing Concrete (Hennebique Patents)

Henebique Patents, 1123 B'way, N. Y.

Fire-Proofing (Concrete Floors & Arches.)

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Atlas Fire Proofing Co., 13 Astor pl, New York, & Penna bldg, Phila., Pa.
INTERNATIONAL FENCE & FIRE- Proofing Co. "International" System), Buttles av., Columbus, O. (See adv. index, end of book)
MERRITT & CO., 1024 Ridge av, Phila., Pa. (See adv. index, end of book)
Monsted, A. & Co. ("Ransome" System), Milwaukee, Wis.
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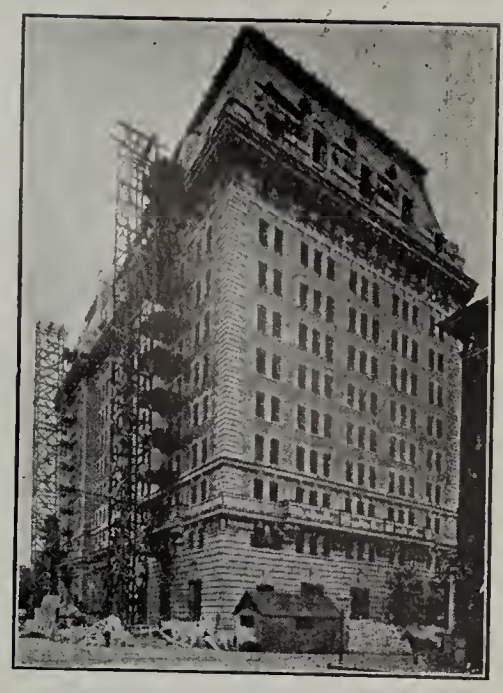
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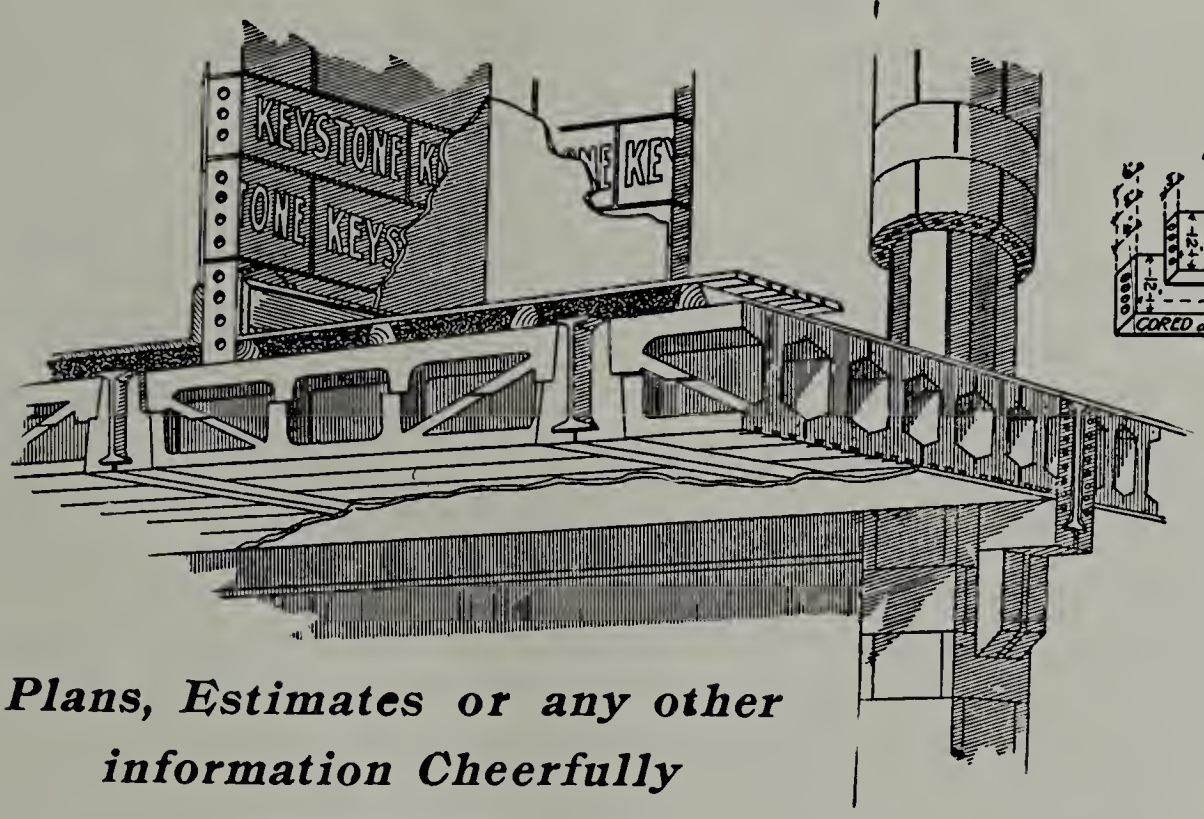
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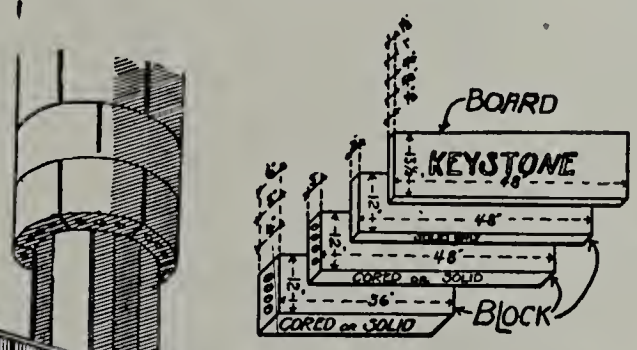
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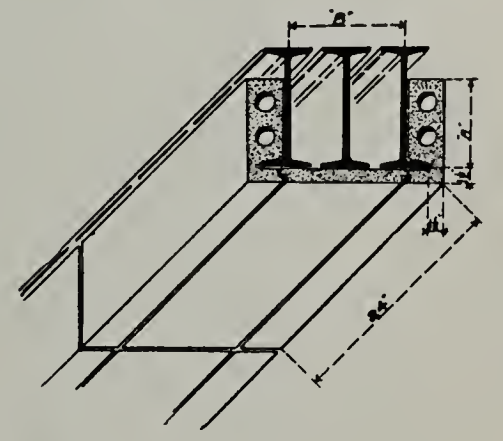


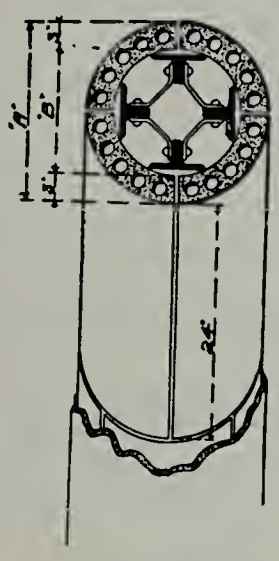
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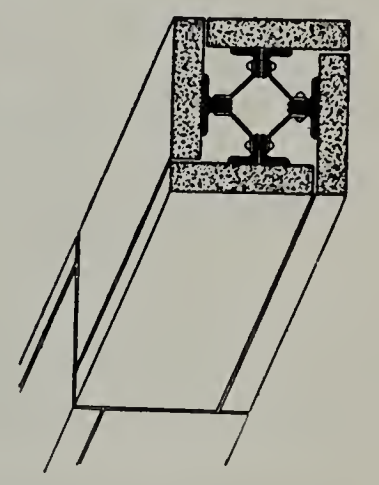
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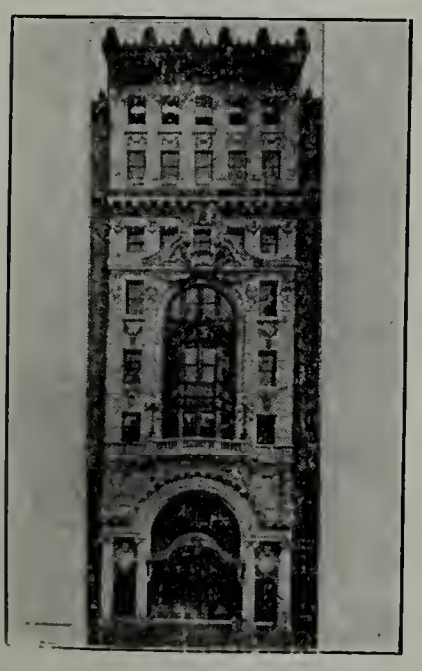








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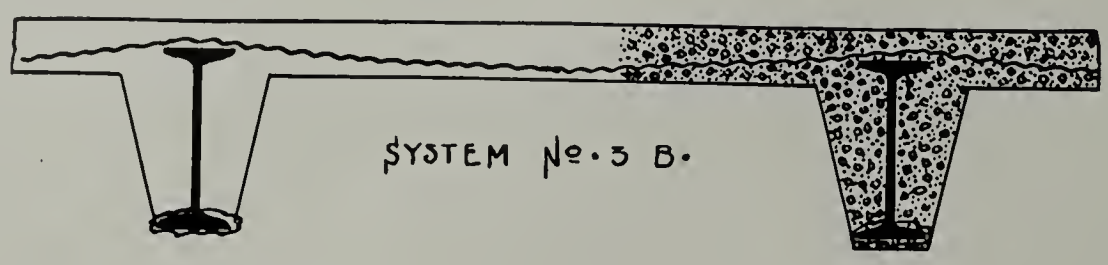
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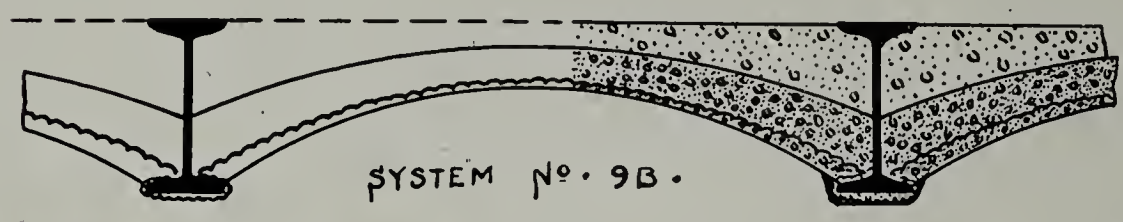
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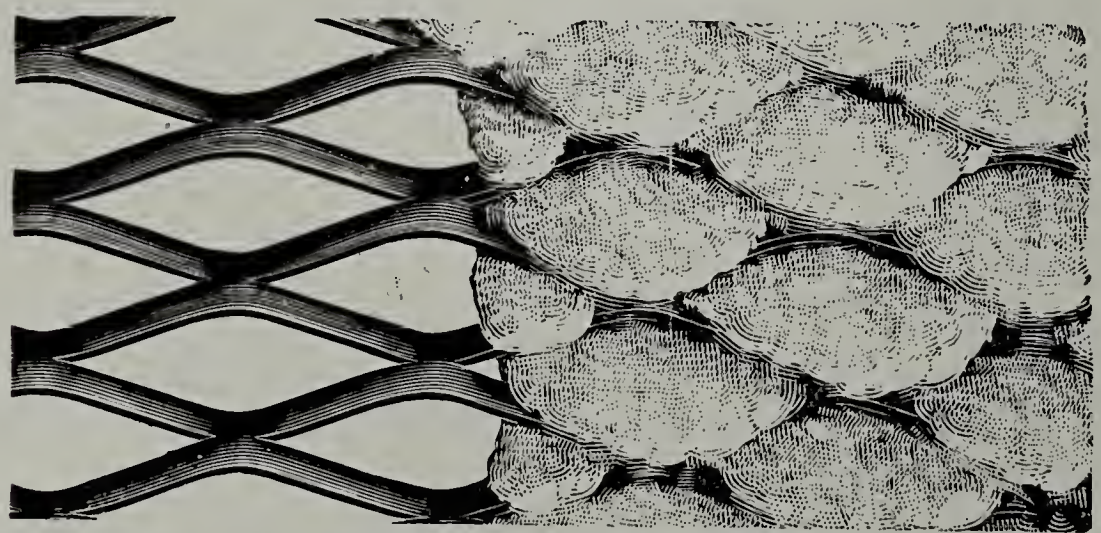
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Denver Terra Cotta Lumber Co., 1324 S Tremont, Denver, Col.
Drehmann Paving Co. (Concrete Floors, etc.), 2629 Parrish, Phila., Pa.
Duquesne Fire Proofing Co., Pittsburg, Pa.
EID, L. CONCRETE STEEL CO., Central av, bet Findlay & Liberty, Cincinnati, O.
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Gustavino, R. Co., 49 E 19th, N. Y.
INTERNATIONAL FENCE & FIRE-Proofing Co. ("International" System), Buttles av, Columbus, O. (See adv. index, end of book)
IRON-SIDES CONSTRUCTION CO., 120 Liberty, New York, N. Y. (See adv. preceding page)
Kellogg Iron Works, Illinois & Mary, Buffalo, N. Y.
KEYSTONE FIREPROOFING CO., Works, Chester, Pa. Office, 16 S Broad. Philadelphia, Pa. (See insert opp. preceding page)
Merrick Construction Co., 1 B'way, New York.
MERRITT & CO., 1024 Ridge ave, Philadelphia, Pa. (See adv. index, end of book)
Metropolitan Fire Proofing Co., 13 Burling slip, New York, & Trenton, N. J.
National Concrete Construction Co. ("Kahn" System), 140 W Main, Louisville, Ky.
NATIONAL CONCRETE FIREPROOFING CO., New England bldg, Cleveland, O., Builders' Exchange, Pittsburg, Pa., & Builders' Exchange, Baltimore, Md. (See adv. below)
Newton Engineering Co. ("Kahn" System), Hathaway bldg, Milwaukee, Wis.
Norman Fireproof Construction Co., 412 E 125th, New York
Northwestern Fire-Proofing Works, Minneapolis, Minn.
Paige, Tom, Cuyahoga bldg, Cleveland, O.
ROEBLING CONSTRUCTION CO., Fuller bldg, B'way & 23d, New York. Branches: Boston, Philadelphia, Pittsburg, Buffalo, Cleveland, Chicago, St. Louis, Seattle & San Francisco. (See adv. below)
Supplee Engineering Co. ("Kahn" System), Erie, Pa.
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(See Fire Proof Floors & Partitions.)

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CENTRAL EXPANDED METAL CO., 541 Wood, Pittsburg, Pa. (See insert opposite)
EASTERN EXPANDED METAL CO., 101 Tremont, Boston, Mass. (See insert opposite)
EXPANDED METAL ENGINEERING Co., 256 B'way, New York. (See insert opposite)
EXPANDED METAL FIRE PROOF-ing Co. (Limited), Toronto. (See insert opposite)
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INTERNATIONAL FENCE & FIRE-Proofing Co., Buttles av, Columbus, O. (See adv. index, end of book)

Fire-Proofing (Keystone System)

KEYSTONE FIREPROOFING CO., Works, Chester, Pa. Office, 16 S Broad. Philadelphia, Pa. (See adv. index, end of book)

Fire-Proofing (Kuhne's System)

TRUSS METAL LATH CO., 15 White-hall, New York. (See adv. index, end of

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(See Mineral Wool.)

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Fire-Proofing (National Concrete System.)

NATIONAL CONCRETE FIRE-PROOF.ING CO., New England bldg, Cleveland, O., Builders' Exchange, Pittsburg, Pa., & Builders' Exchange, Baltimore, Md. (See adv. preceding page)

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American Wood Fire-Proofing Co., 156 5th av, New York

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Fireproofine Mfg. Co., 82 Beaver, New York

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Standard Wood Fire-Proofing & Chemical Co., 105 S 24th, Phila., Pa.

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KEYSTONE FIRE-PROOFING CO., Works, Chester, Pa. Office, 16 S Broad, Philadelphia, Pa. (See adv. index, end of book)

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Mackolite Fire-Proofing Co., Schiller bldg, Chicago, Ill.

Metropolitan Fire-Proofing Co., 13 Burling slip, New York, & Trenton, N. J.

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Haydenville Co., Haydenville, O.

Hocking Clay Mfg. Co., Logan, O.

Illinois Terra Cotta Lumber Co., "The Rookery, Chicago, Ill.

Los Angeles Pressed Brick & Terra Cotta Co., Los Angeles, Cal.

MAURER, HENRY, & SON, 420 E 23d, New York, & Penna bldg, Philadelphia, Pa. Works, Maurer, N. J. (See adv. front inside cover)

NATIONAL FIRE-PROOFING CO., Bessemer bldg, Pittsburg, Pa.; 170 B'way, New York; Land Title bldg, Philadelphia, Pa.; Old South bldg, Boston, Mass., & 140 Dearborn, Chicago, Ill. (See adv. index, end of book)

NATIONAL PYROGRANIT CO., 17 Battery pl, New York. Works, South River, N. J. (See adv. index, end of book)

FIREPROOF WOOD

ELECTRIC FIREPROOFING COMPANY

19th STREET AND EAST RIVER, NEW YORK

This Company's product is the only one in existence receiving the unconditional approval as a fireproof material by the Department of Buildings in New York City.

This is the ONLY company fireproofing wood successfully for the United States Navy Department to-day—its product having passed all naval requirements. During the last nine years this Company has furnished fireproofed wood for over one hundred warships for the United States Navy, as well as for several battleships for the Russian Navy.

This Company EXCLUSIVELY furnishes fireproofed wood for railroad and trolley car construction in the United States, where absolute fireproofed wood is required to prevent combustability on short circuits.

This Company EXCLUSIVELY furnishes fireproofed wood to the Hale & Kilburn Manufacturing Company of Philadelphia for railroad car seats and other furniture.

This Company is employed to fireproof all the wood used in the electric locomotives now being constructed by the American Locomotive Company, for the New York Central and Hudson River Railroad Company's new electric motive power equipment.

This Company has furnished V. J. Hedden & Sons, Contractors for the Metropolitan Life Insurance Company's new building, Twenty-third Street, hundreds of thousands of feet of fireproofed oak, mahogany and birch, for the interior trim, which is considered the most beautiful finished fireproofed wood in New York.

This Company is NOW furnishing hundreds of thousands of feet of fireproofed wood for the Rapid Transit Subway Company's Hotel Belmont, on Forty-second Street.

Among the prominent buildings in New York City furnished with fireproofed wood by this company are: The R. G. Dun Building, Atlantic Mutual Insurance Company's Building, Commercial Cable Building, Flatiron Building, Hotel Martinique, Kuhn-Loeb & Co.'s Banking Building, Blair Building, Queen's Insurance Building, Jewelry Building, corner Maiden Lane and Broadway, and Metropolitan Life Insurance Company's Building, 23d St. and 4th Ave.

The Electric Process is being operated in London, Paris, Montreal, Canada, and for GOVERNMENT WORK BY THE UNION IRON WORKS, SAN FRANCISCO, and Newport News Ship Building Company, Newport News, Va.

"THE PIONEER PROCESS FOR THE FIREPROOFING OF WOOD."

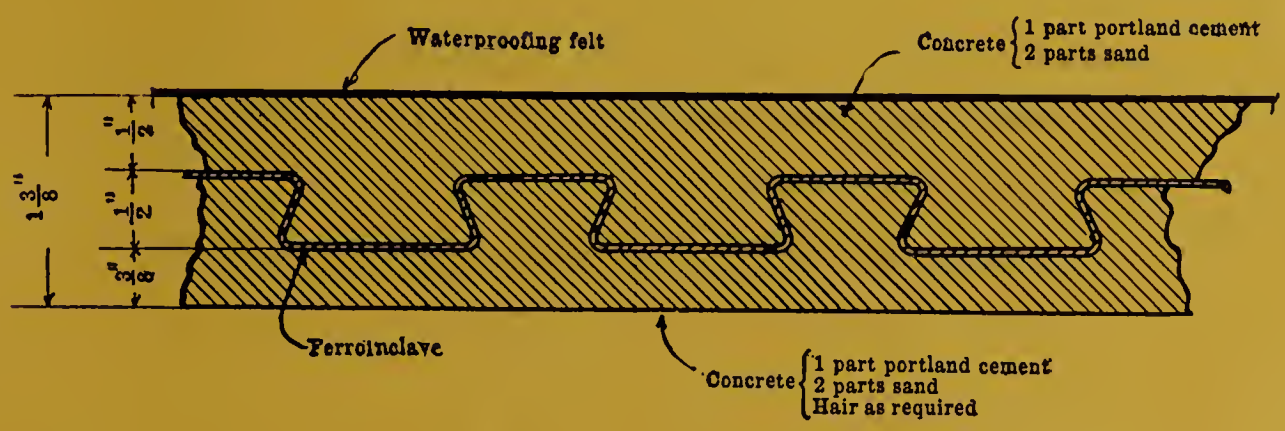
Ferroinclave

SYSTEM OF REINFORCED CONCRETE

Consists of Corrugated Steel Sheets Coated with Portland Cement Concrete.

ROOFS

Light or Heavy Floors and Partitions



The Brown Hoisting Machinery Co.

CLEVELAND, O.

NEW YORK. PITTSBURG.

Edward F. Milliken ESTABLISHED 1857 Foster Milliken

BRANCH OFFICES:
HONOLULU, H. T. MEXICO CITY, MEXICO.
SAN FRANCISCO, CALIFORNIA. HABANA, CUBA.
LONDON, ENGLAND. SYDNEY, N. S. W.
JOHANNESBURG AND CAPE TOWN, S. A.
PITTSBURG, PA.

SHOPS:
ON TIDEWATER, NEW YORK CITY
AGENCIES:
STOCKHOLM COPENHAGEN CHRISTIANIA.

Milliken Brothers,
Civil Engineers
And Contractors in Iron and Steel Construction.
Manufacturers of
Structural and Ornamental Iron and Steel Work of all Descriptions
for Bridges, Buildings and Roofs.
11 Broadway,
New York,

CABLE ADDRESS:
"MILLIKBROS" NEWYORK.
LIEBER'S CODE, A.B.C. CODE AND A.I CODE

January 17, 1905.

Messrs. S.E.Hendricks Co.,

76 Elm Street,

New York City, N.Y.

Gentlemen:-

Referring to the directory recently obtained from you, entitled "Hendricks' Commercial Register of the United States", we beg to compliment you on the full and accurate information contained in the same. We are familiar with the merits and defects of the average directory, as we have had occasion to use them very often and we know the amount of labor and care requisite in order to select out the really representative and best names.

In our experience this cannot be done by clerks, and the book bears evidence of painstaking collaboration on the part of the principal himself, which makes all the difference in the world to the user. We have had occasion lately to go into new lines of contracting, and we found your directory extremely valuable as representing the very latest and most modern contractors' appliances, which in view of the improvements made almost monthly, are otherwise difficult to learn about right down to date.

In addition we wish to express our appreciation of the painstaking and courteous personal attention given us on the part of your principals, which was of the greatest assistance. We consider that this feature along with the excellence of the information classified, should make your directory of the greatest value to both sellers and users.

We beg to add that we take pleasure in writing this, wholly without suggestion.

Very truly yours, yours,

EFM:C - 10.30 A.M.

Parker & Russell Mining & Mfg. Co., St. Louis, Mo.
Penna Fireproofing Co., St. Mary's, Pa.
Penna. Clay Co., St. James, New York
PIONEER FIRE-PROOFING CO., 204 Dearborn, Chicago, Ill. (See adv. index, end of book)
Staten Island Clay Co., Woodbridge, N. J.
TRUSSED CONCRETE STEEL CO. Home Office, Union Trust bldg, Detroit, Mich. Branches—160 5th av, New York, N. Y.; 612 N Calvert, Baltimore, Md.; D. S. Morgan bldg, Buffalo, N. Y.; Williamson bldg, Cleveland, O.; Chemical bldg, St. Louis, Mo.; Farmers' Bank bldg, Pittsburg, Pa., & 18 Toronto st, Toronto, Canada. (See adv. index, end of book)
Whiteacre Fire Proofing Co., Waynesburg, O.

Fire-Proofing (Ransome System)

Monsted, A. & Co., Pabst bldg, Milwaukee, Wis.
Ransome Concrete Co., 11 B'way, New York.

Fire-Proofing (Rapp System.)

ROEBLING CONSTRUCTION CO., Fuller bldg, B'way & 23d, New York. Branches, Boston, Philadelphia, Pittsburg, Buffalo, Cleveland, Chicago, St. Louis, Seattle & San Francisco. (See adv. index, end of book)

Fire-Proofing (Roebling System.)

ROEBLING CONSTRUCTION CO., Fuller bldg, B'way & 23d, New York. Branches: Boston, Philadelphia, Pittsburg, Buffalo, Cleveland, Chicago, St. Louis, Seattle & San Francisco. (See adv. preceding page)

Fire-Proofing (Salamander.)

American Fire-Proofing Co., 166 Devonshire, Boston, Mass.

Fire Proofing (Schratweiser's) System)

Schratweiser, C., 3d av & 7th, Brooklyn, N. Y.

Fire-Proofing (Scorch Not System)

LOMBARD FIRE-PROOFING CO., 166 Devonshire, Boston, Mass.

Fire-Proofing (T & C System)

Youngstown Iron & Steel Roofing Co., Youngstown, O.

Fire Sand

Berry, Jas. E., Woodbury, N. J.
Bloomfield Clay Co., Metuchen, N. J.
Garden ,City Sand Co. (Dealers), Security bldg, Chicago, Ill.
Gautier, J. H., & Co., Jersey City, N. J.
Harbison-Walker Refractories Co., Farmers' Bk. bldg, Pittsburg, Pa.
MAURER, HENRY & SON, 420 E 23d. New York, & Penna bldg, Phila., Pa. Works, Maurer, N. J. (See adv. index, end of book)
Northport Clay & Fire Sand Co., Northport, L. I., N. Y.
Peekskill Fire Brick Works, Peekskill, N. Y.
Presbrey Stove Lining Co., Taunton, Mass.
Shepard, J. J., 35 River, Cleveland, O.
Utica Fire Sand Co., Utica, N. Y.
Tygart Fire Brick Co., 706 Burns, Cincinnati, O.; Works, Fullerton, Ky.
Valentine, M. D. & Bro. Co., Woodbridge, N. J.

Fire Screens & Backs.

JACKSON, WM. H. CO., 29 E 17th (Union Square), N. Y. (See adv. index, end of book)
WINSLOW BROS. CO. (Iron, Brass & Bronze), Main Office & Works, 368 Carroll av, Chicago, Ill.; 160 5th av, N. Y.; 326 4th av., Pittsburg, Pa.; Colonial Trust bldg, St. Louis, Mo.; Hennen bldg, New Orleans, La.; 121 New Montgomery, San Francisco, Cal., & Andrus bldg, Minneapolis, Minn. (See adv. index, end of book)

Fire-Sets (Brass & Iron)

(See also Fire Place Furnishings, Mfrs.)

BRADLEY & HUBBARD MFG. CO., Meriden, Conn. (See adv. index, end of book)

Fire Sprinklers

(See Sprinklers, Automatic Fire.)

Fish Line Mfrs.

Ashaway Line & Twine Co., Ashaway, R. I.
Paton, Wm. N., Grafton, Mass.
Pawtucket Braided Line Co., Pawtucket, R. I.

Fish Nets & Seines.

Gloucester Net & Twine Co., Gloucester, Mass.
Hodgkins, Geo. W., Gloucester, Mass.

Fish Plate Springs

(See Nut Locks.)

Fittings (Acid Metal)

Eastwood Wire Mfg. Co., Belleville, N. J.

Fittings (Air Brake)

CRANE CO., Est. 1855, Chicago, New York, Philadelphia, St. Louis, Kansas City, Sioux City, Omaha, Los Angeles, San Francisco, Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Dayton Malleable Iron Co. (Lever Guides, etc.), Dayton, O.
Greager Mfg. Co. (For Water & Gas Works), 22d & Wash'n av, Phila., Pa.
Litchfield Foundry & Machine Co., Litchfield, Ill.
New Jersey Car Spring & Rubber Co. (Washers, etc.), Jersey City, N. J.
New York Air Brake Co. (Equipments), 66 B'way, N. Y., & Fisher bldg, Chicago
Pittsburg Malleable Iron Co., Pittsburg, Pa.

Fittings, Ammonia

AMERICAN BRAKE SHOE & FOUNdry Co., Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)
Arctic Machine Co., Canton, O.
Belfield, H., & Co., 435 N Broad, Phila., Pa.
Eastwood Wire Mfg. Co., Belleville, N. J.
Riverside Iron Works Co., Kansas City, Kan.
Tight Joint Co. ("Folly's" Patent), 306 E 47th, New York
Triumph Ice Machine Co. (Steel), 610 Baymiller, Cincinnati, O.
VILTER MFG. CO., 1046 Clinton, Milwaukee, Wis. (See adv. index, end of book)
York Mfg. Co. (Ltd.), York, Pa.; 11 B'way, N. Y. & North Amer. bldg, Phila., Pa.
Wolf, Fred W., & Co., 139 Rees, Chicago

Fittings (Brass)

Wolverine Brass Works, Grand Rapids, Mich.

Fittings (Brass Pipe & Railing)

Jenkins Mfg. Co., Bloomfield, N. J.

Fittings, Bronze

Eastwood Wire Mfg. Co. (Also Brass), Belleville, N. J.

Fittings (Car Heater)

CRANE CO., Est. 1855, Chicago, New York, Philadelphia, St. Louis, Kansas City, Sioux City, Omaha, Los Angeles, San Francisco, Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Western Tube Co., Kewanee, Ill.; Sales Offices, 204 Dearborn, Chicago, Ill.; 15 Park Row, N. Y.; Security bldg, St. Louis, Mo.; Lumber Exchange, Minneapolis, Minn.; Mills bldg, San Francisco, Cal., & Tulane-Newcomb bldg, New Orleans, La.

Fittings (Cast Iron)

CRANE CO. (Est. 1855), (Greenhouse), 10 N Jefferson, Chicago, New York, Philadelphia, St. Louis, Kansas City, Mo.; Sioux City, Omaha, Los Angeles, San Francisco, Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)

Fittings (Cast Iron, Drainage)

Clow, Jas. B., & Sons, 344 Franklin, Chicago, Ill.
Glenn Mfg. Co., St. Charles, Ill.

Fittings (Coach Vestibule)

Adams & Westlake, Ontario c N Franklin, Chicago, Ill.; 2042 N 10th, Phila., Pa., & 26 Cortlandt, N. Y.

Fittings (Cross Over)

Western Tube Co., Kewanee, Ill.; Sales Offices, 204 Dearborn, Chicago, Ill.; 15 Park Row, N. Y.; Security bldg, St. Louis, Mo.; Lumber Exchange, Minneapolis, Minn.; Mills bldg, San Francisco, Cal., & Tulane-Newcomb bldg, New Orleans, La.

Fittings, Electrical

Electro Dynamic Co. (Water Tight), 224 Ionic, Phila., Pa.
Union Iron Works, San Francisco, Cal.

Fittings (Fine Thread)

Edwardsville Brass Co., Edwardsville, Ill.
Ideal Mfg. Co., 546 Franklin, Detroit, Mich.

Fittings (Flanged)

American District Steam Co., Lockport, N. Y.
American Forged Steel Flange Co. (Forged Steel, Pipe Flanged), 64 Wabash av, Chicago, Ill.
American Spiral Pipe Works (for Spiral Riveted Pipe, Etc.), 1173 S Paulina, Chicago, Ill.
Belfield, H., & Co., 435 N Broad, Phila., Pa.
Bethlehem Foundry & Machine Co., South Bethlehem, Pa.
Caldwell, E. R. & Co. (For Steam), Bradford, Pa.

CRANE CO. (Est. 1855), 10 N Jefferson, Chicago, Ill.; New York; Phila. Pa.; St. Louis, Kansas City, Mo.; Sioux City, Ia.; Omaha, Neb.; Los Angeles & San Francisco, Cal.; Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Eastwood Wire Mfg. Co. (Bronze & Iron Elbow, Tee, Cross, Nipple & Union, etc.). Belleville. N. J.
Litchfield Foundry & Machine Co., Litchfield. Ill.
McLeod Co., 75 Fulton, Chicago, Ill.
New Bedford Boiler & Machine Co., New Bedford, Mass.
Swadkins, W. F. (& Screwed, "Eccentric & Spirals"), 143 Fulton, Chicago, Ill.
Walworth Mfg. Co., 132 Federal, Boston. Mass.
YAGLE FOUNDRY & MACHINE CO. (Ltd.) (Cast Iron for Gas & Water), 32d & A. V. Ry., Pittsburg, Pa. (See adv. index. end of book)

Fittings (Gas Line)

Pittsburg Valve Foundry & Construction Co., 5th & Duquesne Way, Pittsburg, Pa.

Fittings (Green House)

Coldwell-Wilcox Co. (Cast Iron), Newburgh, N. Y.
CRANE CO. (Est. 1855), 10 N. Jefferson, Chicago, Ill.; New York; Phila., Pa.; St. Louis, Kansas City, Mo.; Sioux City, Ia.; Omaha, Neb.; Los Angeles & San Francisco, Cal.; Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Glenn Mfg. Co., St. Charles, Ill.

Fittings (Hydraulic)

Best Mfg. Co., Pittsburg, Pa.; 39 Cortlandt, New York, & Betz bldg, Phila., Pa
Eastwood Wire Mfg. Co. (Bronze & Iron, Elbow, Tee, Cross, Nipple & Union, etc.), Belleville, N. J
ELMES, CHAS. F., ENGINEERING Works, Fulton & N Sangamon, Chicago, Ill (See adv. index, end of book)
Newark Iron & Steel Co. (Open Hearth Steel), Newark, O.
Pittsburg Valve Foundry & Construction Co., Pittsburg, Pa.
Tight Joint Co. (Folly's Patent), 306 E 47th. New York
Watson-Stillman Co., 46 Dey, New York

Fittings (Pipe)

(See Fittings, Steam Pipe.)

Fittings (Railway)

Belfield, H. & Co., 435 N Broad, Phila., Pa.
Eastwood Wire Mfg. Co. (Bronze), Belleville, N. J.
Flagg, Stanley G. & Co. (Malleable Iron), 19th & Penna av, Phila., Pa., & 220 B'way, N. Y.
Western Tube Co. (Brass & Malleable Iron), Kewanee, Ill.; Sales Offices, 204 Dearborn, Chicago, Ill.; 15 Park Row, N. Y.; Security Bldg., St. Louis, Mo.; Lumber Exchange, Minneapolis, Minn.; Mills bldg, San Francisco, Cal., & Tulane-Newcomb bldg, New Orleans, La.

Fittings (Show Window)

Judd, H. L. Co., 87 Chambers, New York

Fittings (Soil Pipe)

(See Cast Iron Soil Pipe & Fittings Mfrs.)

Fittings (Steam Pipe)

Aird, Platt Mfg. Co. (Cast Iron), Watervliet, N. Y.
American Radiator Co. ("H. O." Distributors for Steam & Water), General Office, 282 Michigan av, Chicago, Ill.; 42 E 20th, New York, N. Y.; 44 Oliver, Boston, Mass.; 622 Arch, Phila., Pa.; Mutual Life bldg, Buffalo, N. Y.; 207 N 10th, St. Louis, Mo.; 204 S 4th, Minneapolis, Minn.; 831 15th, Denver, Colo.; Detroit, Mich.; 123 Sycamore, Milwaukee, Wis.; 336 W 4th, Cincinnati, O.; Farmers' Bank bldg, Pittsburg, Pa.; 1201 G st N W, Washington. D. C.; 502 Lumber Ex. bldg, Seattle, Wash.; 417 S 15th, Omaha, Neb.; 89-90 Shoe Lane, London, Eng.
Belfield, H. & Co. (Malleable & Cast Iron), 435 N Broad, Philadelphia, Pa.
Builders' Iron Foundry (Cast Iron), Providence, R. I.
Carroll Iron Works (Malleable Iron), 779 Carroll av, Chicago, Ill.
Clow, Jas. B., & Sons, 344 Franklin, Chicago, Ill.
CRANE CO. (Est. 1855), (Malleable & Cast Iron), 10 N Jefferson, Chicago, Ill.; 496 Cherry, New York; Phila., Pa.; St. Louis, Mo.; Sioux City, Ia.; Omaha, Neb.; Los Angeles & San Francisco, Cal.; Kansas City, Mo.; Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Darling Pump & Mfg. Co. (Cast Iron), Williamsport, Pa.
Davis, Jno. Co. (Cast Iron), 22d & Halsted, Chicago, Ill.
Devlin, Thos., & Co. (Malleable Iron), 3d & Lehigh av, Philadelphia, Pa.
Eastwood Wire Mfg. Co. (Cast Iron), Belleville, N. J.
Eaton, Cole & Burnham Co. (Malleable Iron), 253 B'way, N. Y.; Works, Bridgeport, Conn.
Flagg, Stanley G., & Co. (Malleable Iron), 19th & Hamilton, Philadelphia, Pa.
Ford & Kendig Co. (Malleable & Cast Iron), 432 Callowhill, Philadelphia, Pa.
Forest City Brass Works (Brass), Cleveland, O.
Fort Pitt Malleable & Grey Iron Co. (Malleable & Cast Iron), Pittsburg, Pa.
Gille Engine & Machine Co. (Cast Iron), Tonawanda, N. Y.
Glen Mfg. Co. (Grey Iron), St. Charles, Ill.
Griffing, A. A., Iron Co. (Cast Iron), Jersey City, N. J.
Hoffman, B., Mfg. Co. (Cast Iron), Milwaukee, Wis.
Hoffman-Billings Mfg. Co. (Malleable & Cast Iron), Milwaukee, Wis.
Illinois Malleable Iron Co. (Malleable & Cast Iron), 30 W Monroe, Chicago, Ill.
Jarecki Mfg. Co. (Malleable & Cast Iron), Erie, Pa.
Keeler, E., Co. (Cast Iron), Williamsport, Pa.
Kelly & Jones Co. (Malleable & Cast Iron), Pittsburg, Pa.; Works, Greensburg, Pa.
Kroeschell Bros. Co. (Cast Iron), 55 Erie, Chicago, Ill.
Kuhns Bros., Dayton, O.
Litchfield Foundry & Machine Co. (Cast Iron), Litchfield, Ill.
McLeod Company (Cast Iron, High Pressure, Etc.), 75 Fulton, Chicago, Ill.
McNab & Harlin Mfg. Co. (Cast Iron), 56 John, N. Y.
Malleable Iron Fittings Co. (Malleable Iron), Branford, Conn.
Newbury, J. G., Coxsackie, N. Y.
NEW JERSEY FOUNDRY & MACHINE CO. (Malleable Iron), 15 Murray. New York. (See adv. index, end of book)
Oil Well Supply Co. (Malleable & Cast Iron), 213 Water, Pittsburg, Pa.
Pancoast, Henry B., & Co. (Malleable Iron), 245 S 3d, Philadelphia, Pa.
South Park Foundry & Machine Co. (Cast Iron), St. Paul, Minn.
STRONG, CARLISLE & HAMMOND CO., 61 Frankfort, Cleveland, O. (See adv. index, end of book)
Tamaqua Mfg. Co. (Malleable Iron), Tamaqua, Pa.
Tight Joint Co. ("Folly's" Never Leak Tight Joint), 306 E 47th. New York
Walworth Mfg. Co. (Malleable & Cast Iron), 132 Federal, Boston, Mass.
Western Tube Co. (Malleable & Cast Iron), Kewanee, Ill.

Fittings (Tight Joint)

Tight Joint Co. (Folly's, for Steam, Hydraulic, Ammonia, Compressed Air, etc.), 306 E 47th New York

Fittings (Wash Tray)

Lawler Water Feed & Damper Regulator Co. (Lawler's), 181 Mercer, New York
Sanitary Co., 7 Water, Cleveland, O.

Flag Mfrs.

Channon, H. Co., Market & Randolph, Chicago, Ill.
National Flag Co., Cincinnati, O.

Flag Poles (Iron)

Gholson, W. C. Fence Co. (Metal for Lawn or House Tops), 1746 Reading rd, Cincinnati, O.
Greenlie, Wyatt & Co., 499 Water, N. Y.
MERRITT & CO., 1024 Ridge av, Phila., Pa. (See adv. index, end of book)
Nimmo Fence Co., 324 E 4th, Cincinnati, O.
PHOENIX STEEL CONSTRUCTION Co., Penn av. & 3d, Pittsburg, Pa.
Stover Mfg. Co., 165 River, Freeport, Ill.

Flags (Railway, Signal, Etc)

American Flag Mfg. Co., Easton, Pa.
CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
Handlan-Buck Mfg. Co. ("Prahm" & "Lanius" Metallic, Also Bunting), 212 N. 3d, St. Louis, Mo.
Patton, R. J. & Co., Cincinnati, O.

Flanged Flue Holes, Heads or Plates

(See Boiler Heads—Flanged.)

Flanges (Cast & Malleable Iron)

Belfield, H., & Co., 435 N Broad, Phila., Pa.
Western Tube Co., Kewanee, Ill.

Flanges (Floor & Ceiling)

Glenn Mfg. Co. (Tapped), St. Charles, Ill.
Worcester Co., Worcester, Mass.

Flanges (Pipe, Forged Steel)

AMERICAN FORGED STEEL Flange Co., 64 Wabash av, Chicago, Ill.

Flanges (Snow)

Railway Appliance Co. (Q & C Priest), Old Colony bldg, Chicago, Ill.

Flanges (Soft Steel Weldless)

Latrobe Steel Co. (For High Pressure, etc.), Girard bldg, Phila., Pa.

Flashlight.

Roche, Wm. ("New Standard"), 42 Park pl, New York

Flashes (Electric Sign)

Bissell, F., Co., Toledo, O.
Electric Motor & Equipment Co., Newark, N. J.
Hamblin, Jno. A., Co., Providence, R. I.
Reynolds Electric Flasher Mfg. Co. (Inc.), 221 5th av. Chicago, Ill.
Reynolds Mfg. Co., 177 Adams, Chicago, Ill.

Flasks (Molders')

Adams Co. (Adams), Dubuque, Iowa
Brass Founders' Supply Co. (For Brass Fdrs., Ribbed, etc.), Newark, N. J.
Diamond Clamp & Flask Co., Richmond, Ind.
Northern Engineering Works, Detroit, Mich.
OBERMAYER, S. CO., 647 Evans, Cincinnati, O.; 18th & Rockwell, Chicago, Ill.; 35th & Charlotte, Pittsburg, Pa.; Roe bldg, St. Louis, Mo.; Majestic bldg, Detroit, Mich.; Cooper bldg, Denver, Colo.; Land Title bldg, Philadelphia, Pa., & Mission st, San Francisco, Cal. (See adv. index, end of book)
PAXSON, J. W., CO., 1021 Delaware av, Phila., Pa. (See adv. index, end of book)
Perkins, B. F. & Son, Boutallis, Holyoke, Mass.
Reeves Bros. Co., Alliance, O.
SMITH, J. D., FOUNDRY SUPPLY CO., 40 S. Water, Cleveland, O., & 2143 Central av, Cincinnati, O. (See adv. index, end of book)

Flax Fibre Products

Union Fiber Co., Winona, Minn., and 143 Reed, Milwaukee, Wis.

Flint (Crushed)

York Chemical Works, York, Pa.

Flint Pebbles & Flint Linings

McGlincey, John D., 81 Fulton, N. Y.
Thoron, Casimir, Produce Exchange, N. Y.

Floats (Copper)

Bay State Metal Works, Cambridge, Mass.
Blessing, C. A., 516 Montgomery av, Philadelphia, Pa.
Boekel, Wm., & Co., 518 Vine, Philadelphia, Pa.
Boston Brass Works, 36 Oliver, Boston, Mass.
Carr, J. H. & Co., 7 Sherman, Chsn, Boston, Mass.
Cleveland Faucet Co., 25 Frankfort, Cleveland, O.
Diamond Stamped Ware Co., Detroit, Mich.
Douglas, Jno., Co., 900 Poplar, Cincinnati, O.
Haydenville Co., Haydenville, Mass., & 150 Nassau, N. Y.
Hercules Float Works (Seamless), Springfield, Mass.
Ireland & Matthews Mfg. Co. (For Tanks) Detroit, Mich.
McShane, Henry, Mfg. Co., Baltimore, Md.
Miller, Hubbard Mfg. Co., Sturgis, Mich.
Naugatuck Mfg. Co. (Seamles), Naugatuck, Conn.
Nelson, N. O., Mfg. Co., 8th & St. Charles, St. Louis, Mo.
Page, Wm. E., E 166th & Walton av, N. Y.
Pfau Mfg. Co., 536 Reading Rd, Cincinnati, O.
Ronalds & Johnson Co., 54 Cliff, N. Y.
Reliance Gauge Column Co. (Solderless), 70 E Prospect, Cleveland, O.
Smith & Pomeroy, Kalamazoo, Mich.
Springfield Brass Co. ("Seamless & Solderless"), Springfield, Mass.
Steeger, Henry, 143 E 31st, N. Y.
Trageser, Jno., Steam Copper Works, 447 W 26th, N. Y.
Union Brass & Metal Co., St. Paul, Minn.
Victor Mfg. Co., Concord, N. H.
Watson & McDaniel (For Steam Traps), 146 N. 7th, Phila., Pa.
Wilson, R. M., Mfg. Co., Rome, N. Y.

Floats (Crockery)

Bellmark Pottery Co., Trenton, N. J.
Great Western Pottery Co., Kokomo, Ind.
Maddock, Jno., & Son, Trenton N. J.
Standard Sanitary Pottery Co., Elizabeth, N. J.
Trenton Potteries Co., Trenton, N. J.

Floats (Glass)

Burr, John M., 1939 Fulton, Brooklyn, N. Y.
Heap, Wm., Muskegon, Mich.
Jones, O. H. ("Capitol City," no Solder), Hartford, Conn.

Floats (Zinc)

Ireland & Matthews Mfg. Co. (For Tanks), Detroit, Mich.

Floor Brushes (Weighted)

THE INTERIOR HARDWOOD CO.
MANUFACTURERS INDIANAPOLIS, IND.

(See adv. next page)

Floor Deadening

(See Felts, Deadening)

Floor Finish

Acme White Lead & Color Works, Detroit, Mich.
Atlantic Drier Co., Drexel bldg, Phila., Pa.
BINSWANGER, B. & CO. ("Zanzibolio"), 115 N 4th, Phila., Pa.
Bowers, U. R., & Sons ("Afro-Lac") Los Angeles, Cal.
Bridgeport Wood Finishing Co., New Milford, Conn.; 57 Fulton, New York; 85 Oliver, Boston, Mass., & 215 E Lake, Chicago, Ill.
Butcher Polish Co., 356 Atlantic Av, Boston, Mass.
Chicago Varnish Co., 41 Dearborn av, Chicago; 109 Pearl, Boston, & 22 Vesey, New York
Chicago Wood Finishing Co., 259 Elston av, Chicago, Ill.
Cleveland Varnish Co. ("Permanere"), 14 Rockland av, Cleveland, O.
Glidden Varnish Co. ("Jap-A-Lac"), Williamson bldg, Cleveland, O.
Gilman, Chas. H. ("Drescote"), 103 Merrimac, Boston, Mass.
Lilly Varnish Co. (Parquetry Floor Preservative), Indianapolis, Ind.
Nice, Eugene E. ("Agate"), 272 S 2d, Phila., Pa.
Parker Mfg. Co., 18 Hosick, Troy, N. Y.
Pratt & Lambert, Buffalo, N. Y., & 176 Fulton, New York
Troy Oil Works (Mfrs. Star), 550 Fulton, Troy, N. Y.
Vilas Bros. (Floorum Varnish), 227 5th av, Chicago, Ill.
Wadsworth-Howland Co., Chicago
Wilson Co. ("Wilson" Liquid), 18 B'way, New York. Works, Long Island City, N. Y.

Floor Lights

(See Vault & Sidewalk Lights.)

Floor Oils (Dust Absorbing)

American Dust Absorbing Floor Oil Co., 441 B'way, N. Y.
Bird, J. A. & W. & Co. (The Globe), 34 India, Boston, Mass.
Keyes, S. P., 149 Congress, Boston, Mass.
New England Dustalayer Co., 620 Atlantic av, Boston, Mass.
Winn, Wm. R., 143 Maiden la, New York

*Floor Plates (Wrought Steel)

(See also Plates, Floor.)

AMERICAN PRESSED STEEL CO., Witherspoon bldg, Phila., Pa.
Lewis, W. J., Townsend bldg, N. Y.
Ogden & Wallace (Never Slip Wrought Steel), 577 Greenwich, N. Y.

Floor Polish (Hard Wax)

Acme White Lead & Color Wks. (Colonial), Detroit, Mich.
Barron, Boyle Co., Cincinnati, O.
Bird, J. A. & W. & Co., 34 India, Boston, Mass.
Bridgeport Wood Finishing Co., New Milford, Conn.; 70 W Lake, Chicago, Ill., & 55 Fulton, New York
Butcher Polish Co., 356 Atlantic av, Boston, Mass.
Chicago Varnish Co., 35 Dearborn av, Chicago, Ill.; 22 Vesey, N. Y., & 66 High, Boston, Mass.

THE INTERIOR HARDWOOD CO.
MANUFACTURERS INDIANAPOLIS, IND.

(See adv. next page)

Johnston, S. C. & Son, Racine, Wis.
Lowell Polish Co., Lowell, Mass.
Sherwin-Williams Co., 104 Canal, Cleveland, O.
Smith, John A. (The Nonpareil), 456 S B'way, Los Angeles, Cal.
Terwilliger Mfg. Co., 3 W 23d, N. Y., & 302 Fulton, Brooklyn, N. Y.
Wadsworth, Howland & Co., 84 Wash'n, Boston, Mass.
Wilson Co. (Also Liquid), 18 B'way, New York. Works, Long Island City, N. Y.
WOOD MOSAIC FLOORING CO., Factories, Rochester, N. Y., & New Albany, Ind.; Sales Stores, 315 5th ave., N. Y.; 24 Bromfield (R. T. Adams), Boston, Mass.; 227 N Charles (J. M. Adams), Baltimore, Md.; 658 Main (Stevens Floor Co.), Buffalo, N. Y.; (Kraus, Butler & Benham Co.), Columbus, O.; 1706 Chestnut (Heaton & Wood), Phila., Pa.; 426 Penn av. (C. W. Allen), Pittsburg, Pa.); 1126 Connecticut av. (J. M. Adams), Washington, D. C.; 1511 Union Trust bldg (Moores Flooring Co.), Cincinnati, O., & 637 Broad (R. A. Dorrill), Newark, N. J. (See adv. index, end of book)

Floor Sleeves

ANDREWS & JOHNSON CO. (Insulation for Steam Pipes), 256 Wash'n boul, Chicago, Ill. (See adv. index, end of book)
waukee, Wis.

Floor & Ceiling Plates

(See Plates, Floor & Ceiling.)

Flooring for Stables

FLEMING & CO. (Adamantine Clinker Brick), 123 Liberty, N. Y. (See adv. index, end of book)

*Flooring (Hard Wood)

Chicago Floor Co. (Ornamental), 134 Monroe, Chicago, Ill.
Cowper & Wilson, Olean, N. Y.
Dunfee & Co., 106 Franklin, Chicago, Ill.
Heaton & Wood, 1706 Chestnut, Phila., Pa.
Inlaid Floor Co., 422 Sutter, San Francisco, Cal.

THE INTERIOR HARDWOOD CO.
MANUFACTURERS INDIANAPOLIS, IND.

(See adv. next page)

STEARNS, A. T. LUMBER CO., Neponset, & 166 Devonshire, Boston, Mass.
Union Planing Mill Co., Olean, N. Y.
WOOD MOSAIC CO., Factories, Rochester, N. Y., & New Albany, Ind.; Sales Stores, 315 5th av, New York; 24 Bromfield (R. T. Adams), Boston, Mass.; 227 N Charles (J. M. Adams), Baltimore, Md.; 658 Main (Stevens Floor Co.), Buffalo, N. Y.; (Kraus, Butler & Benham Co.), Columbus, O.; 1706 Chestnut (Heaton & Wood), hila., Pa.; 426 Penn av (C. W. Allen), Pittsburg, Pa.; 1126 Connecticut av

(J. M. Adams), Washington, D. C.; 1511 Union Trust bldg (Moores Flooring Co.), Cincinnati, O.; & 637 Broad (R. A. Dorrill), Newark, N. J. (See adv. index, end of book)

Flooring (Maple)

Buffalo Maple Flooring Co., Buffalo, N. Y.
Cream City Sash & Door Co., 7th av & Park, Milwaukee, Wis.
Curtis & Yale Co., Wausau, Wis.; Lumber Exch., Minneapolis, Minn., & 79 Grand av, Milwaukee, Wis.
Dwight Lumber Co., Detroit, Mich.
Excelsior Clay Works, Brazil, Ind.
Forman, Thos. Co. (Maple & Oak, Bored & End Matched), Detroit, Mich.
Fulghum Mfg. Co., Traverse City, Mich.
Fuller & Rice Lumber & Mfg. Co., Grand Rapids, Mich.
Gilchrist, F. W., Alpena, Mich.
Jennings Bros., Lopez, Pa.
Kimball & Clark, Kimball & Hurley, Wis.
Krouskop, A. H., Richland Centre, Wis.
Lennan, Isaac P., Lumber Ex., Minneapolis, Minn.
Mitchell Bros., Cadillac, Mich.
North Branch Lumber Co., 1735 N Western av, Chicago, Ill.
Read, F. W. & Co. I. & L. Polished, etc.), Marquette, Mich.
Rittenhouse & Embree Co., 3500 S Centre av, Chicago, Ill.
Schroeder, Jno. Lumber Co., Milwaukee, Wis.
Schultz Bros., 84 Van Buren,. Chicago, Ill.
South Side Lumber Co., S Ashland av & W 22d Chicago, Ill.
Stearns, A. T. Lumber Co. (Lumber), Neponset & 166 Devonshire, Boston, Mass.
Stephens, Henry & Co., Telephone bldg, Detroit, Mich.
White Bros. (Inc.), c Spear & Howard, San Francisco, Cal.
Wilce, T. Co., Throop & W 22d sts, Chicago, Ill.
Wisconsin Land & Lumber Co. (Maple, Birch & Cherry), Hermansville, Mich.
Young, W. D. & Co., West Bay City, Mich.

Flooring (Monolith)

AMERICAN MONOLITH CO., Milwaukee, Wis

Flooring (Oak)

(See also Flooring, Maple.)

INTERIOR HARDWARE CO., Indianapolis, Ind. (See adv. below)
STEARNS, A. T. LUMBER CO., Neponset & 166 Devonshire, Boston, Mass (See adv. index, end of book)
WOOD MOSAIC FLOORING CO., Factories, Rochester, N. Y., & New Albany, Ind.; Sales Stores, 315 5th av, New York; 24 Bloomfield (R. F. Adams), Boston, Mass.; 227 N Charles (J. M. Adams), Baltimore, Md.; 658 Main (Stevens Floor Co.), Buffalo, N. Y.; Columbus, O. (Kraus, Butler & Benham Co.); 1706 Chestnut (Heaton & Wood),Phila., Pa.; 426 Penn av (C. W. Allen), Pittsburg, Pa.; 1126 Connecticut av (J. M. Adams), Washington, D. C.; 151 Union Trust bldg (Moores Flooring Co.), Cincinnati, O., & 637 Broad (R. A. Dorrill), Newark, N. J. (See adv. index, end of book)

Flooring (Wood Block)

WILSON, JAS. G. MFG. CO., 3 W. 29th, New York. (See adv. index, end of book)

Floors (Parquet)

(* Indicates Manufacturers.)

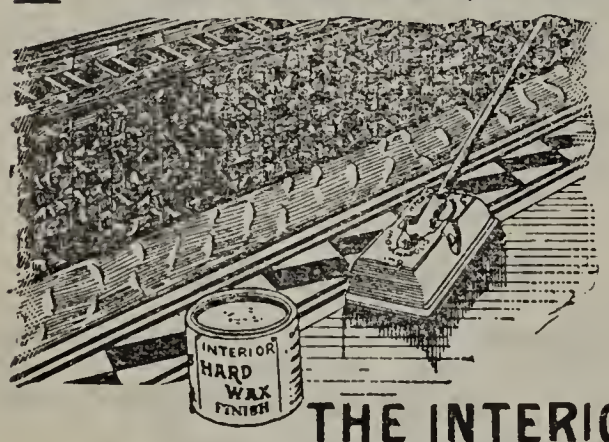
Acme Parquetry Floor Co., 4703 Cottage Grove av, Chicago, Ill.
Adams, R. T. (Wood Mosaic Flooring Co.), 24 Bromfield, Boston, Mass.
Allen, Hall & Co., 384 Boylston, Boston, Mass.
American Parquetry Co., 3 E 42d, N. Y.
*American Parquetry Floor Co., 143 S 13th, Philadelphia, Pa.
Bateman, Wm., 835 Folsom, San Francisco, Cal.
*Bostwick-Godell Co., Norwalk, O.
*Boynton, John H., 186 5th av, N. Y.
Bush & Mallett Co., 328 Post, San Francisco, Cal.
Buttle Parquet Floor Co., 36 W 27th, New York & 155 Lawrence, Brooklyn, N. Y.
Carthage Lumber Co., Carthage, N. Y.
Chicago Floor Co., 134 Monroe, Chicago, Ill.
Cleveland Hardwood Floor Co., Colonial Arcade, Cleveland, O.
COOLEY, WM. H., 30 E Monroe, Factory: 1160 Clybourn av, Chicago, Ill. (See adv. bottom of page)
Day, Wm. J. & Co., 46 Canal, Boston, Mass.
*Dunfee, J. & Co., 104 Franklin, Chicago, Ill.
*Dunphy, W. C., 116 W 3d, St. Paul, Minn.
Escott, Walter N. (Dealer), 521 5th Louisville, Ky.
Elder, Henry C., Fidelity bldg, Phila., Pa.
Gall, Albert, 17 W Wash'n, Indianapolis, Ind.
Halbert, Geo. Co., 455 Fulton, Brooklyn, N. Y.
Heaton & Wood, 1706 Chestnut, Phila., Pa.
Herr, Jno., Floor Co., 1822 Olive, St. Louis, Mo.
Inlaid Floor Co., 422 Sutter, San Francisco, Cal.

THE INTERIOR HARDWOOD CO. MANUFACTURERS INDIANAPOLIS, IND.

(See adv. below)

Jenner, Thos. (Dealer), 83 Shelby, Detroit, Mich.
*Johnson, S. C. & Son, Racine, Wis.
*Koch, G. W. & Son, 467 5th av, N. Y.
Lennan, Isaac P. (Wholesale), Lumber Ex., Minneapolis, Minn.
McIntosh, Alex., 21 E 20th, N. Y.
McFillen & Arnold, 1014 Monroe, Toledo, O.
Miller, J. N., 1942 Filmore, San Francisco, Cal.
Moore, A. G. Co., 38 West, Boston, Mass.
Moore, E. B. & Co., 37 Randolph, Chicago, Ill.

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Manufacturer
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ESTIMATES AND SPECIAL DESIGNS ON APPLICATION
WRITE FOR CATALOGUE

Moore, J. C. & Co., 38 S 18th, Phila., Pa.
*National Wood Floor Co., 11 W 28th, New York
Newcomb, E. R. (Mfrs.' Agt.), 14 Monroe, Chicago, Ill.
*N. Y. Flexible Wood Flooring Co., 23 W 42d, New York
Northwestern Parquet Floor Co., 82 S 9th, Minneapolis, Minn.
*Phelps Bros. & Co., Wellington, O.
Pittsburg Parquet Floor Co. (Dealers), Farmers B'k bldg, Pittsburg, Pa.
*Pope, Charles A., 505 E 70th, New York
Reid, Wm. G. & Co., 2 W 33d, N. Y.
Riverton Mfg. Co., Phila., Pa. Factory: Riverton, N. J.
Roach & Musser Sash & Door Co., Muscatine, Ia.
Roberts, E. L. & Co. (For the Trade Only), W 22d & Union pl, Chicago, Ill.
Roll's, W. H. Sons, 203 E Wash'n, Indianapolis, Ind.
St. Paul Parquette Flooring Co., 376 St. Peter, St. Paul, Minn.
Schulkins & Co. (Also Hardwood), 407 Prospect, Cleveland, O.
Scott, Walker A. (Mfr.), Evansville, Ind.
Smith, Jno. A., 456 S B'way, Los Angeles, Cal.
Smith, J. S. & Co., 413 N Charles, Baltimore, Md.
Smith & Young, 723 Market, San Francisco, Cal.
Standard Parquet Floor Co., 80 Court, B'klyn, N. Y.
Straight, G. W., 713 Center av, Chicago, Ill.
Terwilliger Mfg. Co., 3 W 23d, New York, & 302 Fulton, Brooklyn, N. Y.
Tracy Floor Co., 268 Boylston, Boston, Mass.
Van Emburg, Geo. H., 483 Broad, Newark, N. J.
WOOD MOSAIC CO., 315 5th av, N. Y., & 153 Lawrence, Brooklyn, N. Y.
***WOOD MOSAIC FLOORING CO., Factories,** Rochester, N. Y., & New Albany, Ind.; Sales Stores, 315 5th av, N. Y.; 24 Bromfield (R. T. Adams), Boston, Mass.; 227 N Charles (J. M. Adams), Baltimore, Md.; 658 Main (Stevens Floor Co.), Buffalo, N. Y.; (Krauss, Butler & Benham Co.), Columbus, O.; 1706 Chestnut (Heaton & Wood), Phila., Pa.; 426 Penn av (C. W. Allen) Pittsburg, Pa.; 1126 Connecticut av (J. M. Adams), Washington, D. C.; 1511 Union Trust bldg (Moores Flooring Co.), Cincinnati, O., &637 Broad (R. A. Dorrill), Newark, N. J. (See adv. index, end of book)

Flour Mill Builders

Barnard Machinery Co., Enterprise, Kan.
Barnard & Leas Mfg. Co., Moline, Ill.
Dehner-Wuerpel Mill Bldg. Co., St. Louis, Mo.
Harmon-Whitmore Co., Jackson, Mich.
Hutchinson, Jno. Mfg. Co., Jackson, Mich.
Knickerbocker Co., Jackson, Mich.
Nordyke & Marmon Co., 1101 W Morris, Indianapolis, Ind.
Richmond City Mill Works, Richmond, Ind.
Salem Machine Works, Salem, Va.
Starr, B. F. & Co., 455 North, Baltimore, Md.
Stone, R. C., Springfield, Mo.

Flower Pot Mfrs.

Findlay Clay Pot Co., Findlay, O.
Ionia Pottery Co., Ionia, Mich.
Johnson Pottery Co., Mt. Gilead, O.
Washington Brick, Lime & Mfg. Co., Spokane, Wash.
Uhl Pottery Co., Evansville, Ind.
Wassall Fire Clay Co., 40 E Spring, Columbus Ohio

Flue Cleaners or Brushes.

(See Boiler Flue & Tube Cleaners.)

Flue Linings

American Sewer Pipe Co., Bessemer bldg, Pittsburg, Pa.
Baltimore Terra Cotta Works, Baltimore, Md.
Birmingham Fire Brick Works, Birmingham, Ala.
BOSTON FIRE BRICK CO. (Geo. M. Fiske, Mngr.) (Mfrs.' Agts.), 161 Devonshire, Boston, Mass. (See adv. index, end of book)
Brockett, C. A. Cement Co., Kansas City, Mo.
Brooklyn Fire Brick Works, 88 Van Dyke, Brooklyn, N. Y.
Buckeye Fire Clay Co., Uhrichsville, O.
Clearfield Clay Working Co., Clearfield, Pa.
Clark, N. & Sons, 17 Spear, San Francisco, Cal.
Clarke, Wm. Wirt & Son (Mfrs.' Agts.), 115 S Gay, Baltimore, Md.
Crown Fire Clay Co., Canal Dover, O.
Denny Clay Co., Seattle, Wash.
Dickey, W. S. Clay Mfg. Co., Kansas City, Mo.
Duffy, J. P. & Co., 440 E 138th, New York
East Ohio Sewer Pipe Co., Irondale, O.
Evens & Howard Fire Brick Co., 920 Market, St. Louis, Mo.
Federal Clay Mfg. Co., 170 B'way, N. Y.
Gladding, McBean & Co., San Francisco, Cal.; Works, Lincoln, Cal.
Golden Pressed & Fire Brick Co., 431 15th, Denver, Col.
Harvey, Moland & Co., 620 Arch, Phila., Pa.
Haydenville, Co., Haydenville, O.
Hocking Clay Mfg. Co., Logan, O.
Hutchins, J. A. & Co., Wyoming, Pa.
Iowa Pipe & Tile Co., Des Moines, Ia.
Jackson, John H., 142 S 3d av, Albany, N. Y.
Laclede Fire Brick Mfg. Co., Manchester & Sulphur avs, St. Louis, Mo.
Little Falls Fire Clay Co., Little Falls, Wash.
Macomb Sewer Pipe Co., Macomb, Ill.
MAURER, HENRY & SON, 420 E. 23d, New York; Penna. bldg, Phila., Pa. Works, Maurer, N. J. (See adv. front inside cover)
Monmouth Mining & Mfg. Co., Monmouth, Ill.
Myers Clay Mfg. Co., Toronto, Ohio
National Terra Cotta Works, Washington, D. C.
New York Pottery Co., 630 W 36th, N. Y.
Parker & Russell Mining & Mfg. Co., 417 Pine, St. Louis, Mo.
Patton Clay Mfg. Co., Patton, Pa.
Pea Shore Brick & Terra Cotta Works, 31 Market, Camden, N. J.
Pierson, Arthur N. & Co. (Mfrs.' Agents), 1 Park Row
PIONEER FIRE PROOFING CO., 204 Dearborn, Chicago. (See adv. index, end of book)
Pittsburg Sewer Pipe & Conduit Co., Pittsburg, Kans.
Pomona Terra Cotta Co., Pomona, N. C.
Potomac Terra Cotta Co., Corcoran bldg, Washington, D. C.
Robinson Clay Product Co., Akron, O.
Rochester Sewer Pipe Co., Powers blk, Rochester, N. Y.
Southern Terra Cotta Works, 304 Chapel, Atlanta, Ga.
Stevens, A. Sons Co., Macon, Ga.
Stratton Fire Clay Co., Empire, O.
Streator Clay Mfg. Co., Streator, Ill.
Syracuse Stoneware Co. (Branch of Robinson Clay Product Co., of Akron, O.), Syracuse, N. Y.
Uhl Pottery Co., Evansville, Ind.
Wassall Fire Brick Co., Columbus, O.
Williams, N. A. & Co., Chamber of Commerce, bldg, Chicago, Ill.

Flue Scrapers

(See Boiler Flue & Tube Cleaners.)

Fluor Spar.

Eagle Fluor Spar Co. (For Metallurgical Purposes), Wheeling, W. Va., & Salem, Ky.
Kentucky Fluor Spar Co., Marion, Ky.
Rosiclaire Lead & Fluor Spar Mines, Washington, D. C., & Rosiclaire, Ill.

Flush Tanks

Berry Flush Tank Co. (Inc.), Iowa City, Iowa
De La Hunt Flush Tank Co. ("De La Hunt," Automatic Siphon for Flushing Pipe Sewers), 218 S 3d, Cedar Rapids, Ia.
Pacific Flush Tank Co. ("Miller" Automatic Siphon for Flushing Sewers), 84 La Salle, Chicago, Ill.

Flushers (Automatic Sewer)

HEALEY, P. J. & CO., 231 Washington, Boston, Mass.

Flux

Williams, Chas. & Co., Begelow, N. Y.

Fly Nets

Given, R. & Son Co., Sidney, O.
Penna Net Co., Wellsville, Pa.
Wellsville Mfg. Co., Wellsville, Pa.
Wilson, R. F. & Co. (Leather), Milton, Pa.

Force Cups (Rubber)

Knapp Mfg. Co., 24 Frankfort, New York

Forced Draught Piping

WIEBER, HENRY E., Kingston, N. Y. (See adv. index, end of book)

Forges (Blast)

Boston Blower Co., Hyde Park, Mass.
Buffalo Forge Co. (Stationary & Portable), Buffalo, N. Y., & 39 Cortlandt, New York
Miner & Peck Mfg. Co., New Haven, Conn.
STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 131 Liberty, New York; 281 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa., & 147 Queen Victoria st, London, Eng. (See adv. index, end of book)

Forges (Bridge Builders')

Star Forge Co. (Portable Bellows Forge), 18 Lock, Buffalo. N. Y.
STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 131 Liberty, New York; 281 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa., & 147 Queen Victoria st, London, Eng. (See adv. index, end of book)

Forges (Electric Liquid)

Burton Electric Smelting Co. (For Soldering Irons & Small Work), 185 Summer, Boston, Mass.

Forges for Drop Forging Plants.

American Gas Furnace Co. (Gas Blast), Elizabeth, N. J., & 23 John, New York
Billings & Spencer Co., Hartford, Conn.
Bradley, C. C. & Son, Syracuse, N. Y.
Miner & Peck Mfg. Co., New Haven, Conn.
Union Drop Forge Co., 66 E Ohio, Chicago

Forges (Gas Blast)

American Gas Furnace Co., Elizabeth, N. J., & 23 John, New York
Comstock, A. S. (Automatic Power), Evanston, Ill.

Forges (Heating)

Beaudry & Co., 141 Milk, Boston, Mass.
Crane, W. W. Foundry & Machine Works, Auburn, N. Y.
Evans', Jno. Sons (And Welding), 13th & Buttonwood, Phila., Pa.

Forges (Portable)

Beaudry & Co., 141 Milk, Boston, Mass.
Billings & Spencer Co., Hartford, Conn.

Boston Blower Co. (Also Stationary), Hyde Park, Mass.
Boynton & Plummer, Worcester, Mass.
Braun, F. W. (& Tempering Furnace), 18 Spear, San Francisco, Cal.
Brown & Patterson, 33 Marcy av, Brooklyn, N.Y.
Buffalo Forge Co., Buffalo, N. Y., & 39 Cortlandt, New York
Bullock, T. H. Bellows Co., 130 Columbus, Cleveland, Ohio
Canedy-Otto Mfg. Co., Chicago Heights, Ill.
Canton Foundry & Machine Co. ("Universal," Blacksmiths', etc.), Canton, O.
Champion Blower & Forge Co., Lancaster, Pa.
Chicago Scale Co., 292 W Jackson boul, Chicago, Ill.
Cinn. Plow & Bellows Works, 2025 Reading rd, Cincinnati, O.
Cleveland Steam Gauge Co. ("Watson"), 106 Merwin, Cleveland, O.
Cox & Sons Co., 215 Race, Phila., Pa.
Cumming, David, 787 W Kinzie, Chicago, Ill.
Empire Forge Co., Troy, N. Y.
Fairbanks Co., 160 Elm, New York; 364 B'way, Albany, N. Y.; 19 Light, Baltimore, Md.; 44 Pearl, Boston, Mass.; 210 Main, Buffalo, N. Y.; 610 Canal, New Orleans, La.; 701 Arch, Phila., Pa.; 238 3d av, Pittsburg, Pa.
Foos Mfg. Co., Springfield, O.
Fort Pitt Bridge Works, Pittsburg, Pa.
Garratt, W. T. & Co., Fremont & Natoma, San Francisco, Cal.
Kinsley Iron & Machine Co. (Blacksmiths), Canton, Mass.
Litchfield Mfg. Co. ("Hornet" Farm), Webster City, Iowa
Macleod, Walter & Co. (Oil Fuel, Pneumatic), 463 E Front, Cincinnati, O.
Parkhurst & Wilkinson Co., 143 Kinzie, Chicago, Ill.
Potts, D. H., Lancaster, Pa.
Roots, P. H. & F. M. Co., Connersville, Ind., & 120 Liberty, New York
Russ, A. E. Mfg. Co., 87 Wade Park av, Cleveland, O.
Silver Mfg. Co., Salem, O.
Slotkin & Praglin ("Kickdrive"), 210 Canal, New York
Star Forge Co. (Portable Bellows Forge), 150 Terrace, Buffalo, N. Y.
STURTEVANT, B. F. CO. (Also Stationary), Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S. Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria st, London, Eng. (See adv. index, end of book)

Forges (Rivet Heating)

CHICAGO PNEUMATIC TOOL CO. ("Tynan"), Fisher bldg, Chicago, Ill., & 95 Liberty, New York. (See adv. index, end of book)
CHICAGO TOOL & SUPPLY CO. ("Gunnell" Pneumatic), 356 Dearborn, Chicago, Ill. (See adv. index, end of book)
INGERSOLL-SERGEANT DRILL CO., The ("McDonald"), 26 Cortlandt, New York. Offices, Old Colony bldg, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta,, St. Paul, Minn.; 310 1st av, Seattle, Wash.; Corestine bldg, Montreal, Canada; Mexico City, Calle 2a de Dolores No. 20, Mexico. D. F.; London, Eng., 114a Queen Victoria st; Paris, France, 51 Rue de la Chaussee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence st; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co.; Lime, Peru, W. R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv. index, end of book)
Rockwell Engineering Co. (Portable Oil), 26 Cortlandt, New York
Tate, Jones & Co. (Inc.) (Portable Oil Rivet Forges), Pittsburg, Pa.

Forging Machines

(See Machines, Forging.)

Forging Machines, Hydraulic

(See Machines, Forging, Hydraulic.)

Forgings

(Under this heading see the sub-classifications)

Forgings, Aluminum.
Forgings, Automobile.
Forgings, Bronze.
Forgings, Copper.
Forgings, Delta Metal.
Forgings, Drop.
Forgings, Electric.
Forgings, Electric Railway.
Forgings, Hollow.
Forgings, Iron & Steel.
Forgings, Liquid Pressed.
Forgings, Manganeze Bronze.
Forgings, Manganeze Steel.

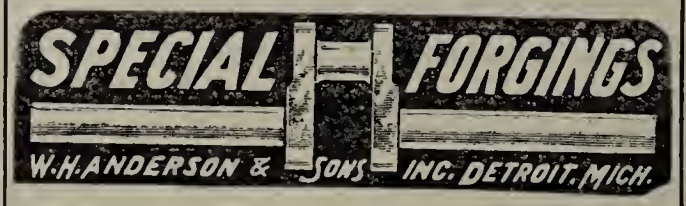
Forgings (Aluminum)

Belden Machine Co., New Haven, Conn.
Union Drop Forge Co., 66 E Ohio, Chicago
United States Aluminum Co., Pittsburg, Pa.
Willliams, J. H. & Co., 9 Richards, Brooklyn, N. Y.

Forgings (Automobile)

(See also Forgings, Drop.)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. below)



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Billings & Spencer Co., Hartford, Conn.
Dunne, Geo. W. & Co., 687 Carroll av, Chicago
Dyson, Jos. & Sons, Hamilton nr Coe, Cleveland, O.
Federal Mfg. Co., Elyria, O.
Hussey Drop Forge & Mfg. Co., Cleveland, O.
Keystone Drop Forge Works, Chester, Pa.
Page-Storms Drop Forge Co., Chicopee Falls, Mass., & Springfield, Mass.
Strieby & Foote Co., Newark, N. J.
Tindel-Morris Co. (Finished), Eddystone, Pa., & 136 Liberty, New York
Union Drop Forge Co., 66 E Ohio, Chicago
Wyman & Gordon, Worcester, Mass.

Forgings (Automatic Coupler)

American Iron & Steel Co. (Back Link, Knuckle & Pivot Pins, Drawhead Bolts with Nuts, etc.), Lebanon, Pa.

Forgings (Bronze)

Billings & Spencer Co., Hartford, Conn.
Brock Forging & Mfg. Co. (Drop), Borden & Van Alst av, Long Island City, N. Y.
Keystone Drop Forge Works, Chester, Pa.
PHOENIX STEEL CONSTRUCTION CO., Penn av & 3d, Pittsburg, Pa. (See adv. index, end of book)
Phosphor Bronze Smelting Co., Ltd., 2200 Washington av, Philadelphia, Pa.
Union Drop Forge Co., 66 E Ohio, Chicago
Williams, J. H. & Co., 9 Richards, Brooklyn, N. Y.
Wyman & Gordon, Worcester, Mass.

Forgings (Copper)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Belden Machine Co., New Haven, Conn.
Billings & Spencer Co., Hartford, Conn.
Brock Forging & Mfg. Co. (Drop), Borden av & Van Alst av, Long Island City, N. Y.
Columbia Machine Works & Malleable Iron Co., 167 Chestnut, Brooklyn, N. Y.
Forest City Electric Co. (Roll Drop), Cleveland, Ohio
Keystone Drop Forge Works, Chester, Pa.
Kilborn & Bishop Co., New Haven, Conn.
Union Drop Forge Co., 66 E Ohio, Chicago
Williams, J. H. & Co., 9 Richards, Brooklyn, N. Y.
Wyman & Gordon, Worcester, Mass.

Forgings (Delta Metal)

Phosphor Bronze Smelting Co., 2200 Wash'n av, Philadelphia, Pa.

Forgings (Drop)

American Tube & Stamping Co., Bridgeport, Conn.
Ashtabula Carriage Bow Co. (Bicycle Parts), Ashtabula, O.
Bassett, D. H. Bolt Works (Inc.), Derby, Conn.
Bates Forge Co., Indianapolis, Ind.
Belden Machine Co., New Haven, Conn.
Billings & Spencer Co., Hartford, Conn.
Billings, C. E. Mfg. Co., Rocky Hill, Conn.
Blakeslee Forging Co., Plantsville, Conn.
Brock Forging & Mfg. Co., c Borden & Van Alst av, Long Island City, N. Y. City
Brown, R. H. & Co., New Haven, Conn.
Canton Drop Forging & Mfg. Co., Canton, O.
Chicago Drop Forge & Foundry Co., 115 Pl. nr M. C. R. R., Chicago
Clapp, E. D. Mfg. Co. (Carriage, Bicycle, etc.), Auburn, N. Y.
Columbia Machine Works & Malleable Iron Co. (Elec. Railway), 167 Chestnut, Brooklyn, N. Y.
Columbus Bolt Works (Carriage, etc.), Columbus, O.
Columbus Forge & Iron Co., Columbus, O.
Consolidated Mfg. Co., Toledo, O.
Detroit Forging Co. (Carriage, etc.), Detroit, Mich.
Doble, Abner Co. (All Kinds), 200 Fremont, San Francisco, Cal.
Eccles, Richard Co. (Carriage & Special), Auburn, N. Y.
Hay-Budden Mfg. Co. (Die & Tool Steel), 254 N Henry, Brooklyn, N. Y.
Herbrand Co., Fremont, O.
Hussey Drop Forge & Mfg. Co., Cleveland, O.
Indinapolis Drop Forging Co. (all kinds, including Bicycle), Indianapolis, Ind.
Keystone Drop Forge Works, Chester, Pa.
Keystone Forging Co. (Carriage & Special), Northumberland, Pa.
Kilborn & Bishop Co. (Carriage, Bicycle, etc.), New Haven, Conn.
Merrill Bros., 465 Kent av, Brooklyn, N. Y.
Moore Drop Forging Co., Springfield, Mass.
New Castle Forge & Bolt Co., New Castle, Pa.
Page-Storms Drop Forge Co. (Gun, Automobile, Bicycle, Golf & Special), Chicopee Falls, Mass., & Springfield, Mass.
Penna. Drop Forging Co., 937 Fayette, Pittsburg
Phosphor Bronze Smelting Co. (Ltd.), 2200 Wash'n av, Phila., Pa.
Pittsburg Tool & Drop Forge Co. (R R. & Mining Tools), Pittsburg, Pa. Works, Cheswick, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Revere Drop Forge Co., Revere, Mass.
Rhode Island Tool Co., Providence, R. I.
Scranton Forging Co. (Carriage, etc.), Scranton, Pa.
Sebring Forging Co., Sebring, O.
Seward, M. & Son Co. (Carriage, Bicycle, etc.), New Haven, Conn.
Smith, H. D. & Co. (Vehicle & Special), Plantsville, Conn.
Strieby & Foote Co. (Carriage, Bicycle, Automobile, etc.), 301 Ogden, Newark, N. J.
Transue & Williams Co., Alliance, O.
Union Drop Forge Co., 66 E Ohio, Chicago, Ill.
Utica Drop Forge & Tool Co., Utica, N. Y.
Wilcox, D. Mfg. Co., Mechanicsburg, Pa.
Williams, J. H. & Co., 9 Richards, Brooklyn, N. Y.
Wyman & Gordon, Worcester, Mass.

Forgings (Electric)

(See Welding, Electric.)

Forgings (Electric Railway)

American Iron & Steel Mfg. Co., Lebanon, Pa.
Billings & Spencer Co., Hartford, Conn.
Columbia Machine Works & Malleable Iron Co., 169 Chestnut, Brooklyn, N. Y.
Dunne, Geo. W. & Co., 687 Carroll av, Chicago
Keystone Drop Forge Works, Chester, Pa.
Oliver Iron & Steel Co., Pittsburg, Pa.
Union Drop Forge Co., 66 E Ohio, Chicago
Williams, J. H. & Co., 9 Richards, Brooklyn, N. Y.

Forgings (Finished)

Tindel-Morris Co. (Specialty, Crankshafts), Eddystone, Pa., & 136 Liberty, New York

Forgings (Gas Engine)

Tindel-Morris Co. (Specialty, Crankshafts Finished), Eddystone, Pa., & 136 Liberty, New York
Union Drop Forge Co., 66 E Ohio, Chicago, Ill.

Forgings (Hollow)

Bethlehem Steel Co., South Bethlehem, Pa., & 100 B'way, New York

Forgings (Iron & Steel)

ALABAMA.

ANNISTON—Weller Rolling Mill & Forge Co.
BIRMINGHAM—Republic Iron & Steel Co. (Car Axles, Shafting, etc.)
HUNTSVILLE—Huntsville Fdy. & Machine Works (Nolan & Jones, Props.), (Light & Heavy)
MOBILE—Alabama Iron Works (Light & Heavy)

CALIFORNIA.

SAN FRANCISCO—Hammond, Jno. & Co., 2d & Townsend
Union Iron Works (Ship & Mining), 222 Market

CONNECTICUT.

BRIDGEPORT—Bridgeport Forge Co.
Farist Steel Co. (Steel, Railroad & Machinery)
Pacific Iron Works (Inc.)
HARTFORD—Billings & Spencer Co.
Premier Mfg. Co. (Carriage, etc.)
NEW BRITAIN—Bennett Tempering Co. (Light Machine)
NEW HAVEN—Belden Machine Co., Westville
Kilborn & Bishop Co. (Hardware Specialties, etc.")
Seward M. & Son Co. (Bicycle & General)
PLANTSVILLE—Smith, H. D. & Co. (Carriage)
Smith, H. D. & Co. (Carriage)
SOUTHINGTON—Atwood Mfg. Co. (Carriage & Special)

DELAWARE.

WILMINGTON—Diamond State Steel Co. (Car, Bridge, Etc.)
Edge Moor Iron Co. (Also Pressed Steel for Car Trucks, etc.)
Johnson Forge Co. (Car & Locomotive Axles Only)

GEORGIA.

SAVANNAH—Georgia Car & Mfg. Co. (Car & Railroad)
Kehoe, Wm. & Sons (Heavy)
Rourke, Jno. & Son (Heavy)

ILLINOIS.

CHICAGO—Ajax Forge Co., 138 Jackson boul
Block-Pollak Iron Co. (Railroad, etc.), Marquette bldg
Buda Foundry & Mfg. Co. (Railroad), Railway Exchange bldg
Cambria Steel Co. (of Johnstown, Pa.), "Railroad," 138 Jackson blvd
Carnegie Steel Co. (Steel Only), The Rookery
Chicago Drop Forge & Foundry Co., 115th pl & M. C. R. R.
Continental Bolt & Iron Works (Structural, etc.), 22d & Union
Crucible Steel Co. of America (Steel only of all Kinds), 64 S Clinton. Main Office, Pittsburg, Pa.
Dunne, Geo. W. & Co., 689 Carroll av
Gould Coupler Co. (Car Couplers, etc.), Rookery bldg
Kropp, A. & Co. (Railroad, Ship, Bridge, Bldg, Etc.), 52 Law av
Lester, F. A. & Co. (Railroad), 84 Vanburen
O'Leary, Arthur J. & Son Co. (Rods, Bolts, Vises, Railway & Quarry Tools, etc.), 132 W Lake
Paige Iron Works (Special Track Work), 643 Railway Exchange
Pittsburg Forge & Iron Co. (Car, Locomotive & Heavy), 419 Monadnock bldg. Works, Pittsburg, Pa.
Republic Iron & Steel Co. (Car Axles, Shafting, etc.), 108 La Salle, First Nat'l B'k bldg
Union Drop Forge Co., 66 E Ohio
Vulcan Iron Works, 59 Milwaukee av
Western Steel Car & Foundry Co. (Railroad), Old Colony bldg
Willard Sons & Bell Co. (Heavy, Etc.), 98th cor Erie av
Wishart, Jno. Machine Works (Light & Heavy), 43 S Canal
EAST ST. LOUIS—St. Louis Steam Forge & Iron Works (R. R. & Steamboat)
HARVEY—Buda Foundry & Mfg. Co.
Paige Iron Works (Special Track Work)
MT. VERNON—Mt. Vernon Car Mfg. Co. (Car)
PEORIA—Marcus & Son

INDIANA.

ANDERSON—Anderson Forging Co. (Iron & Steel)
EVANSVILLE—Mesker, Geo. L. & Co. (Structural Iron)
FT. WAYNE—Bass Foundry & Machine Co. (Hammered Iron & Steel, also Car Axles, etc.)
INDIANA HARBOR—Standard Forging Co.

IOWA.

CHARITON—Eureka Mfg. Co. (Machinery, etc.)
DES MOINES—Des Moines Mfg. & Supply Co. (Heavy)

KENTUCKY.

LOUISVILLE—Drummond Mfg. Co. (Vehicles, Axles, etc.), 1228 W Main
Louisville Steam Forge Co. (Car, Axles, etc.) 308 5th

LOUISIANA.

NEW ORLEANS—Bierce, Wm. W. (Ltd.), Hennen bldg
Swoop, Julian M. (Light & Heavy), 913 Girod

MAINE.

BANGOR—Hathorn Mfg. Co. (Small)
BATH—Lilly, Robert

MARYLAND.

BALTIMORE—Frank, Ernest T. & Son, 426 W Pratt
Maryland Steel Co. (Marine), Sparrows pt
NATIONAL SUPPLY CO. (Rod), 7 W Lombard. (See adv. front colored page)
National Supply Co. (Rod), 5 W Lombard
South Baltimore Steel Car & Foundry Co. (Iron & Steel)
CUMBERLAND—Cumberland Steel Co.

MASSACHUSETTS.

BOSTON—Boston Forge Co. (Railroad, Marine & Electric), 340 Maverick, E. B.
Eastern Forge Co., 70 Kilby
Knapp, Jas. M. (Steel), 12 Bowker
McLauthlin, Geo. T. Co., 120 Fulton
New England Bolt & Nut Co. (All Kinds), 263 Atlantic av
CAMBRIDGEPORT — Barbour-Stockwell Co. (Light & Heavy)
CANTON—Kinsley Iron & Machine Co. (Axles, etc.)
GLOUCESTER—Cape Ann Anchor Works
LOWELL—Turner, John D.
NEW BEDFORD—Driggs, John D. (Shipsmith)
SO. EGREMONT—Dalzell Axle Co. (Carriage & Special)
SPRINGFIELD—Ford, H.
Wason Mfg. Co. (For Steam & Electric
TAUNTON—Taunton Locomotive Mfg. Co.
WORCESTER—Burlin Bros. (Bicycle, etc.), 37 Hermon
Wyman & Gordon (All Kinds), 30 Bradley

MICHIGAN.

DETROIT—ANDERSON, W. H. & SONS (Machine). (See adv. index, end of book)
Detroit Forging Co. (Carriage)
Great Lakes Engineering Works (Marine, etc.), Rivard & Detroit River
Lauer, Jno., 108 St. Antoine
JACKSON—Lewis Spring & Axle Co. (Axles, etc.)
MANISTEE—Manistee Iron Works Co. (Railroad & Heavy)
SAGINAW—Koehler Bros.
SAULT STE. MARIE—Hickler Bros.

MISSOURI.

ST. LOUIS—American Car & Foundry Co. (Car, Railroad & Merchant), 706 Chestnut
Gould Coupler Co. (Car Couplers, etc.), Commercial bldg
Helmbacher Forge & Rolling Mills Co. (Railroad, Marine & Machinery), 706 Chestnut
Western Forge Co., 520 Olive

MONTANA.

BUTTE—Western Iron Works

NEBRASKA.

OMAHA—Paxton & Vierling Iron Works, 17th & U. P. Ry.

NEW HAMPSHIRE.

LAKEPORT—Cole Mfg. Co. (Light & Heavy)
NASHUA—Eastern Forge Co.

NEW JERSEY.

CAMDEN—Camden Forge Co., "Railway Forgings"
FREEHOLD—Pneumatic Wheel Co. (Carriage, etc.)
HARRISON—Crucible Steel Co. of America (Heavy)
HIGH BRIDGE—Taylor Iron & Steel Co. (Car & Locomotive Axles, Shafts, etc.)
HOBOKEN—New York Switch & Crossing Co. (Railroad)
Union Iron Works (Light & Heavy)
JERSEY CITY—Smith, Theo. & Sons Co. (Heavy), ft. of Essex
NEWARK—Currier, Cyrus & Sons.
Hewes & Phillips Iron Works
PATERSON—Passaic Steel Co. (Heavy)
PLAINFIELD—New Jersey Foundry & Mach. Co. (Light & Heavy)

NEW YORK.

ALBANY—Townsend Foundry & Machine Shop Co.
BATAVIA—Baker Gun & Forging Co. (Gun)

BUFFALO—Brennan, Richard, 35 River
De Laney Forge & Iron Co., 300 Perry
Delaney Forge & Iron Co., 300 Perry
Iroquois Iron Works (Steam Engine, Crank Shafts, Rods, etc.), 178 Wash'n av
Sizer, W. S. (Locomotive, Iron & Steel Drawing Axles & Marine & Engine), ft. of Jefferson
Wurtz & Son (Railroad & Boiler), 23 Lloyd
CORTLAND—Cortland Forging Co. (Carriage)
HILLBURN—Ramapo Iron Works (Railroad, etc.)
LANSINGBURG—See Troy

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Bliss, E. W. Co. (Seamless Steel), 17 Adams
Brown, Geo. J., 75 West
Columbia Engineering Works (Marine), c William & Imlay
Fulton Foundry & Machine Works (Machinery, etc.), 23 Furman
Gill, Phil. H. & Sons (Forging & Piping), Lorraine & Otsego
Hay-Budden Mfg. Co. (Dies, Weldless Rings, Spinning Chucks), 254 N Henry
McGibbon-Roy Eng. & Iron Working Co., 14 Columbia
Merrill Bros., 465 Kent av
South Baltimore Steel Car & Foundry Co. (Iron & Steel), 11 B'way
Williams, J. H. & Co., 9 Richards

Boroughs of Manhattan & Bronx.

NEW YORK—American Car & Foundry Co. (Car & Merchant), 25 Broad
Bethlehem Steel Co. (Heavy of all Kinds), 100 B'way. Works, S. Bethlehem, Pa.
Cambria Steel Co. (Railroad), 71 B'way
Carbon Steel Co. (Axles, Crank Pins, Piston Rods, etc.), 26 Cortlandt
Carnegie Steel Co. (Steel Only),, 71 B'way
Cresson, Geo. V. Co., 141 Liberty
Crucible Steel Co. of America (Steel Only of all Kinds), 71 B'way
COLWELL, ROBERT (Broker), 141 B'way. (See adv. index, end of book)
Diamond State Steel Co. (Car, Bridge etc.), 29 B'way. Works, Wilmington, Del.
DOBBIE FOUNDRY & MACHINE Co. (Heavy Plate & Structural Work), 42 Dey. Works, Niagara Falls, N. Y. (See adv. index, end of book)
Edge Moor Iron Co. (Also Pressed Steel for Car Trucks), 1123 B'way
Gould Coupler Co. (Car Couplers, etc.), 1 W 34th
Grecnlie, Wyatt & Co. (Heavy & Light), 499 Water
Illingworth, Jno. Steel Co. (Crucible Open Hearth), 25 Cliff
McDougall & Potter Co. (Inc.), 606 W 55th
Midvale Steel Co. (Marine, Locomotive, Car, Gun, etc., of Steel Only), 100 B'way. Works, Phila., Pa.
NEWHALL CHAIN, FORGE & Iron Co., 15 Murray, New York. (See adv. index, end of book)
Penn Steel Co. (Heavy Steel), 71 B'way. Works, Steelton, Pa.
Phoenix Iron Co., 49 William. Works, Phoenixville, Pa.
Pilling & Crane, 71 B'way
Republic Iron & Steel Co. (Car Axles, Shafting, etc.), 64 B'way
Treadwell, M. H. & Co., 95 Liberty
Turl's, Jno. Sons (Inc.). 534 W 28th
Tindel-Morris Co. (Crank Shafts & Finished Forgings for all Purposes), Eddystone, Pa., & 136 Liberty
Watson, Thos., 551 W 35th

(END OF NEW YORK CITY.)

NIAGARA FALLS—**DOBBIE FOUNDRY** & Machine Co. (Heavy Plate & Structural Work). (See adv. index, end of book)
Rampo Iron Works (Railroad, etc.)
OGDENSBURG—Nash Bros. & Co. (Steam Forging)
UNION—Union Forging Co.
TROY—West Side Structural Co.

OHIO.

CARTHAGE—Block-Pollak Iron Co. (Railroad, etc.)
CINCINNATI—Clapp, E. D. Mfg. Co. (Carriage), 1926 W 8th
Queen City Forging Co. (For Carriage Builders, etc.), Dumont & Tennyson
Ward, Wm. E. & Co., 1347 Central av
Weisberg, Jacob, 462 E 2d
CLEVELAND—American Ship Building Co. (Heavy, Marine, etc.)
Avery Stamping Co. (Steel), Lake & Coe,
Blakeslee Foundry & Forging o.
BROWNING ENGINEERING CO. (Heavy), (See adv. index, end of book) etc.), 67 Case av
Cleveland City Forge & Iron Co. ,Heavy, etc.), 67 Case av
Crucible Steel Forging Co. (Dies & Die Tempering, Shaft Cranks, etc.), 87 Lake
Dyson, Jos. & Son (Die Blocks, Shafts,
Horsburg Forging Co., 1240 Hamilton
McMyler Mfg. Co. (Heavy), Columbus nr Leonard
Machinery Forging Co., Hamilton & Marquette
Otis Steel Co. (Steel Only, Locomotive, Car, etc.), cor Lake & Lawrence
Republic Iron & Steel Co. (Car Axles, Shafting, etc.), Citizens' Bank bldg
Union Machine & Boiler Co. (Heavy, Marine, etc.), 108 Rixer
Vulcanus Forging Co. (Air Brake Pine, Rivets, etc.)
COLLINWOOD — Browning Engineering Co. (Heavy)
COLUMBUS—Columbus Bolt Works (Carriage, etc.)
Columbus Forge & Iron Co. (Heavy & Light Forgings in Multiples)
Columbus Machine Works & Malleable Iron Co., 167 Chestnut, Brooklyn, N. Y.
DAYTON—Plocher, Andrew
FREMONT—Herbrand Co. (Carriage, etc.)
SANDUSKY—Klotz Machine Co. (Heavy)
TOLEDO—Toledo Foundry & Machine Co., 202 Cherry
YOUNGSTOWN—Mahoning Foundry & Machine Co.
Sennett, Geo. B.
Youngstown Forge Co.

PENNSYLVANIA.

BLOOMSBURG—Bloomsburg Car Mfg. Co. Railroad, Mine, etc.)
BRADDOCK—Pittsburg Steel Shafting Co. (Forged Steel Power Transmission Goods)
BRAEBURN—Braeburn Steel Co. (Steel Only)
BURNHAM—Standard Steel Works (Steel Locomotive)
BUTLER—Kesselman & Co. (Heavy)
CARNEGIE—Damascus Nickel Steel Co.
CATAWISSA—Catawissa Car & Foundry Works Car, etc.)
CONNELLSVILLE—Connellsville Machine & Car Co. (Light & Heavy)
CORRY—McInnes Steel Co. (Machinery & Tool Steel Shapes Forged to Order)
EDDYSTONE—Tindel-Morris Co. Steel Railroad, Marine & Machine)
ELLWOOD CITY—Steel Car Forge Co. (Car & Locomotive)
ERIE—Erie Car Works (Car, etc.)
Erie Forge Co.
Harrington Forge Co. (Shafts, Cranks, etc.)
FULLERTON—Lehigh Car Wheel & Axle Works (Railroad, etc.)
GREENSBURG—Westmoreland Steel Co. (Steel Only)
HARRISBURG—Harrisburg Foundry & Machine Works
HOPE CHURCH—Monongahela Iron & Steel Co. (Hooks & Forgings for Chains, etc.)
JOHNSTOWN—Cambria Steel Co. (Railroad)
Lorain Steel Co. (Steel)
LATROBE—Latrobe Steel Co.
LEBANON—American Iron & Steel Mfg. Co. (Car, etc.)
McKEES ROCKS—Lockhart Iron & Steel Co.
MECHANICSBURG—Wilcox, D. Mfg. Co. (Carriages & Special of all Kinds)
MILTON—Milton Iron Co. (Car Axles, etc.)
Milton Mfg. Co. (Car Axles, etc.)
NEW CASTLE—New Castle Forge & Bolt Co. ,Car, Mine, Agricultural, etc.)
PHOENIXVILLE—Phoenix Iron Co. (Heavy)
PHILADELPHIA—American Bridge Co. (Railroad, etc.), 261 S 4th
Cambria Steel Co. (Railroad), Arcade bldg
Carnegie Steel Co. (Steel Only), 1502 Market
Cramp, Wm. &Sons Ship & Engine Bldg. Co. (Marine, etc.)
Cresson, Geo. V. Co., Allegheny av W of 17th
Damascus Nickel Steel Co., Phila. Bourse
Foster, Alex. & Co. (Steel), 2325 Spring Garden
Hoopes & Townsend Co. (Car, etc.), 1330 Buttonwood
McGookin, D. H. (Structural, etc.), 1630 N 9th
MERRITT & CO. (Light), 1024 Ridge av. (See adv. index, end of book)
Midvale Steel Co. (Marine, Locomotive, Car, Gun, etc., of Steel Only), Nicetown
Morris, P. Holingsworth (Iron & Steel), 1501 S Front
Penna. Steel Co. (Heavy Steel), Girard bldg
Philadelphia Forge Co. (Steel, all Kinds), Tacony
Phillips', F. R. & Sons Co., Penna. bldg
Phoenix Iron Co., 410 Walnut
Standard Steel Works (Steel Locomotive), Harrison bldg
Stortz, Jno. & Son (Small), 210 Vine
Tioga Steel & Iron Co., 52d & Gray's av
PITTSBURG—Allegheny Forging Co., Frick bldg
Carbon Steel Co. (Axles, Crank Pins, Piston Rods, etc.), 32d & Smallman
Carnegie Steel Co. (Steel Only), Carnegie bldg
Columbia Bridge Co. (Shafts & Power Transmitting Appliances), Park bldg
Crucible Steel Co. of America (Steel Only of all Kinds), Frick bldg
Eclipse Mfg. Co. (Rivets, Bolts, etc.), 38th & Sassafras
Eppinstall, H. Forge Co., 47th & A. V. R. R.
Fort Pitt Forge Co. (Rods, Bolts, Rivets, etc.), 26th & Liberty
Jones & Laughlin Steel Co., 3d av & Try
Lanz, M. & Sons, 101 S 29th
McKay, Jas. & Co. (Light Forgings), Germania Bank bldg
Monongahela Iron & Steel Co. (Hooks & Forgings for Chains, etc.)
National Forge Co., 28th & A. V. Ry.
Piling & Crane, Farmers' Bank bldg
Pittsburg Forge & Iron Co. (Car, Locomotive & Heavy), 10th & Penn av
Pittsburg Mfg. Co., 28th & Railroad
Pittsburg Screw & Bolt Co., 25th & Liberty av
Republic Iron & Steel Co. (Car Axles, Shafting, etc.), Frick bldg
Steel Car Forge Co. (For Cars of all Kinds)
Westmoreland Steel Co. (Steel Only), 424 4th av. Works, Greensburg, Pa.
PHOENIXVILLE—Phoenix Iron Co.
RANKIN—Duquesne Forge Co.
READING—Carpenter Steel Co. (Steel)
Reading Iron Co. (Heavy Marine Engines, etc)
SCRANTON—Scranton Forging Co.
SHAMOKIN—Mullen, Jno. & Son (Mine, etc.)
SOUTH BETHLEHEM—Bethlehem Steel Co. (Heavy of all Kinds)
STEELTON—Penna. Steel Co. (Heavy Steel)
TARENTUM—Baker, Jas. H. Mfg. Co. (Car, Wagon ,etc.)
TITUSVILLE—Titusville Forge Co. (Light & Heavy, Shapes of Every Description & Roll Forgings, etc.)
WAYNESBORO—Frick Co.
WILKESBARRE—Sheldon Axle Co. (Axles)
Vulcan Iron Works

RHODE ISLAND.

PROVIDENCE—Rhode Island Tool Co. (For the Trade)

SOUTH CAROLINA.

CHARLESTON—Charleston Iron Works (Mach. & Marine)
Riverside Iron Works (Marine, etc.)

TENNESSEE.

CHATTANOOGA—Chattanooga Car & Foundry Co.
KNOXVILLE—Davis, T. B. & Son (Machine, etc.)
Knoxville Foundry & Machine Co. (Heavy)

TEXAS.

DALLAS—Mosher Mfg. Co. (Heavy)
FT. WORTH—Standard Bolt & Mfg. Co. (of all Kinds)

VIRGINIA.

NORFOLK—Godwin, Thos. W., Jr., & Co. (Marine, etc.)
RICHMOND—Cameron-Tennant Machine Works (Light & Heavy)
Old Dominion Iron & Nail Works Co. (Building & Small Specials)
Tredegar Co. (Car & Machinery)

WASHINGTON.

SEATTLE—Jones, C. C. & Co. (R. R. & Marine)
Moran Bros. Co. (Marine, etc.)

WISCONSIN.

MILWAUKEE—Wisconsin Bridge & Iron Co., Pabst bldg

Forgings (Liquid Pressed)

Bethlehem Steel Co., Bethlehem, Pa., & 100 B'way, New York

Forgings (Manganese Bronze)

Cramp, Wm. & Sons Ship & Engine Bldg. Co., Philadelphia, Pa.
Keystone Drop Forge Works, Chester, Pa.
Wyman & Gordon, Worcester, Mass.

Forgings (Nickel Steel)

Bethlehem Steel Co., South Bethlehem, Pa., & 100 B'way, New York
Carbon Steel Co., Pittsburg, Pa., & 26 Cortlandt, N. Y.
Carnegie Steel Co., Frick bldg, Pittsburg, Pa.; 1502 Market, Phila., Pa.; 64 S Clinton, Chicago, & 71 B'way, New York
Columbus Forge & Iron Co., Columbus, O.
Crucible Steel Co. of America, Frick bldg, Pittsburg, Pa.; 71 B'way, New York, & 64 S Clinton, Chicago
Midvale Steel Co., Nicetown, Philadelphia, Pa.; 100 B'way, N. Y.; Old Colony bldg, Chicago, & San Francisco, Cal.
Nickel Steel & Forge Co., Westinghouse bldg, Pittsburg, Pa. Works, Carnegie, Pa.
Tindel-Morris Co., Eddystone, Pa., & 136 Liberty, New York

Forgings (Pressed Steel)

Edge Moor Iron Co. (For Car Trucks, etc.), Wilmington, Del.

Forgings (Seamless Steel)

Bliss, E. W. Co., 17 Adams, Brooklyn, N. Y.

Forgings (Telegraph & Telephone Pole)

New Castle Forge & Bolt Co., New Castle, Pa.

Forks (Ballast)

Hubbard & Co., 62d & Butler, Pittsburg, Pa.

Forks (Brake)

Dayton Malleable Iron Co. (the Kelly), Dayton, O.

Forks (Hand)

American Fork & Hoe Co. (Coal, Coke, Beet, Barley, Corn, Potato, Straw, Stone, Stable, Tanner, Manure, Header, Hay, Sluice, Spading, Vegetable, Scoop, etc.). Main Office, Cleveland, O. Export Office, 11 B'way, New York. Factories, Ashtabula, O.; Wallingford, Vt.; Binghamton, N. Y.; St. Johnsbury, Vt.; Girard, Pa.; Frankford, Phila., Pa.; Utica, N. Y., & Willoughby, O.
Brown, Hinman & Huntington Co. (Hand, Hay, Spading, Manure, etc.), Columbus, O.
Continental Tool Co. (Hay, Manure, Spading, Header, Barley, Stone, Coke, Coal, Sluice Beet, Potato, Digging, Tanners, etc.), Frankfort, N. Y.
Farrell, Jno. (Hay), Newton, N. J.
Harriman Hoe & Tool Co. (Hay, Manure, Spading, "Razor Edge"), Harriman, Tenn.
Iowa Farming Tool Co., Ft. Madison, Iowa
Peck, Clark & Co., Brookfield, Vt.
WHITMAN & BARNES MFG. CO. (Hay), West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)
Withington & Cooley Mfg. Co. (Hay, Manure, Barley, Spading, Vegetable, Beet Root, Coke, etc.), Jackson, Mich.

Forks (Horse Hay)

Eureka Mower Co., Utica, N. Y.
Farrell, John, Newton, N. J.
Louden Machinery Co., Fairfield, Ia.
Milwaukee Hay Tool Co., Milwaukee, Wis.
Myers, F. E. & Bro., Ashland, O.
Ney Mfg. Co., Canton, O.
Ney, V. L. Co., Canton, O.
Porter, J. E. Co., Ottawa, Ill.
Ricker, W. G., Rochester, N. Y.
Rock River Machine Co., Janesville, O.
Superior Drill Co., Springfield, O.
Syracuse Chilled Plow Co., Syracuse, N. Y.
U. S. Wind Engine & Pump Co., Batavia, Ill
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)
Wisconsin Hay Tool Co., Ottawa, Ill.

Forks (Rail)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Evansville Tool Works, Evansville, Ind.
Hubbtrd & Co., 62d & Butler, Pittsburg, Pa.
Oliver Iron & Steel Co., Pittsburg, Pa.
Pittsburg Tool & Drop Forge Co. ("Cheswick"), Arrott bldg, Pittsburg, Pa.; Works, Cheswick, Pa.
Union Drop Forge Co., 66 E Ohio, Chicago, Ill.

Forks (Rising)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Billings & Spencer Co. (Drop Forged), Hartford, Conn.
Columbus Handle & Tool Co., Columbus, Ind.
Dicke Tool Co., Downers Grove, Ill.
Klein, Mathias & Sons, 87 W Van Buren, Chicago, Ill.
Nagel, W. G. Electric Co., Toledo, O.
Oshkosh Logging Tool Co., Oshkosh, Wis.
Roberts, Geo., 1st & Liberty av, Pittsburg, Pa.

Forks (Tedder)

Harrow Spring Co., Kalamazoo, Mich.

Forks (Trolley)

Central Union Brass Co., 11th & Mullanphy, St. Louis, Mo.
Electric Railway Equipment Co., 433 E Front, Cincinnati, O.
Graphite Lubricating Co. ("Bachi"), Bound Brook, N. J.
NUTTALL, R. D. CO., Pittsburg, Pa.
Star Brass Works ("Kalamazoo"), Kalamazoo, Mich.

Foundation Soundings for Heavy Buildings, Bridges, Etc.

(See also Caisson Foundations.)

Cole Bros., 102 Fulton, New York
Gregory, Elisha, 48 Church, New York
O'Rourke Engineering Construction Co., 26 Nassau, New York
Phillips & Worthington, 136 Liberty, New York
Robinson, J. E., 13 S 45th, Phila., Pa.

Founders (Brass)

See Castings, Brass.
Also Plumbers' Brass Goods.
Also Valve Mfrs., etc.

Founders (Iron)

(See Machinists & Founders.)

Founders (Malleable Iron)

COLORADO.

PUEBLO—American Automatic Switch Co.

CONNECTICUT.

BRANFORD—Malleable Iron Fittings Co. (Air Furnace Refined)
BRIDGEPORT—Bridgeport Malleable Iron Co. (Refined)
MT. CARMEL—Woodruff, Walter W. & Sons Co. (Carriage & Miscellaneous)
NAUGATUCK—Naugatuck Malleable Iron Co. (All kinds)
NEW BRITAIN—Malleable Iron Works (Iron Castings to Order)
Vulcan Iron Works (All kinds)
NEW HAVEN—Fitch, W. & E. T. Co. (Small to order)
PEQUABUCK—Terry, Andrew Co. (Keys, Hinges & Small)
TERRYVILLE—Terry, Andrew Co.

DELAWARE.

WILMINGTON—Wilmington Malleable Iron Co. (All kinds)

ILLINOIS.

CHICAGO—Atlas Railway Supply Co., 315 Dearborn
Chicago Malleable Castings Co., W 120th c Centre av
Crane Co. (Gas, Steam & Water Fittings), 10 N Jefferson
Gould Coupler Co., The Rookery
Illinois Malleable Iron Co. (Pipe, Fittings & general), 30 W Monroe
National Malleable Castings Co. (general), W 26th & Blue Island av
EAST MOLINE—Union Malleable Iron Co.
EAST ST. LOUIS—Missouri Malleable Iron Co. (Carriage, Railroad, Street Car, etc.)
FRANKLIN PARK—Forster, Waterbury & Co.
KEWANEE—Western Tube Co. (Gas, Steam & Water Fittings, etc.)
ROCKFORD—Rockford Malleable Iron Works (Machinery & General)
ST. CHARLES—**MOLINE MALLEABLE** IRON CO. (All Kinds). (See adv. index, end of book)

INDIANA.

ANDERSON—Anderson Malleable Iron & Mfg. Works
INDIANAPOLIS—National Malleable Castings Co. (general), Mich. & Holmes avs
MARION—Marion Malleable Iron Works
MUNICE—Whiteley Malleable Castings Co. (Agricultural, Railroad, etc.)
SOUTH BEND—South Bend Iron Works (Plow, Castings for own consumption generally)

IOWA.

FAIRFIELD—Iowa Malleable Iron Co.

MARYLAND.

BALTIMORE—Baltimore Malleable Iron & Steel Casting Co. (Railroad, Machinery, etc.), c Charles & Wells

MASSACHUSETTS.

BOSTON—Cuff, Jno. F. (Light Machinery, etc.), 101 Portland
Laconia Car Co. Works (For Electrical Work), 131 State
Livermore, Homer F. (all kinds), 85 Pearl
EASTON—Belcher Malleable Iron Co. (Machinery, Agricultural, etc.)
WORCESTER—Arcade Malleable Iron Co. (Castings of every description)
Worcester Malleable Iron Works

MICHIGAN.

ALBION—Albion Malleable Iron Co. (Agricultural, Carriages, etc.)
DETROIT—Buhl Malleable Co.
Michigan Malleable Iron Co. (Car, Agricultural, Carriages, etc.), St. Clair & Crossley avs, Delray
GRAND RAPIDS—Grand Rapids Malleable Co. (Railroad, etc.)
MUSKEGON—Standard Malleable Iron Co. (Agricultural, etc.)

MISSOURI.

ST. LOUIS—Gould Coupler Co., Commercial bldg
St. Louis Malleable Casting Co., 7701 N Conduit av

NEW HAMPSHIRE.

LACONIA—Laconia Car Co. (Car, etc.)

NEW JERSEY.

NEWARK—Barlow, Arthur E., 28 Orange
Barnett, Oscar Foundry Co. (Custom Work, Light & Medium), 105 Hamilton
Meeker, Stephen J. (all kinds up to 200 lbs.), 93 Clay
Newark Malleable Iron Co.
TRENTON—Trenton Malleable Iron Co. (all kinds)

NEW YORK.

ALBANY—Albany Malleable Iron Works, 67 Westerlo
Page's, Isaiah Sons (Railroad & all other purposes), 56 Liberty
AUBURN—Osborne, D. M. & Co. (all kinds)
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Acme Steel & Malleable Iron Works, 245 Military rd
Pratt & Letchworth Co. (also steel eastings), 189 Tonawanda
DEPEW—Gould Coupler Co.
HOOSICK FALLS—Wood, Walter A., Mowing & Reaping Machine Co. (for own consumption)
LANCASTER—Lancaster Malleable Iron Works (Street & Steam Railroad)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Columbia Machine Works & Malleable Iron Co., 167 Chestnut

Boroughs of Manhattan & Bronx

NEW YORK—Atlantic Brass Co., 192 B'way
COLWELL, ROBERT, JR. (Broker), 141 B'way. (See adv. index, end of book)
Gould Coupler Co., 1 W 34th
Wayland-Smith, Gerard (Mfrs. Agts.), 71 B'way

(END OF NEW YORK CITY.)

ORISKANY—Oriskany Malleable Iron Co., Ltd. (all kinds, light & heavy)
SPUYTEN DUYVIL—Johnson, Isaac G. & Co. (all kinds)
SYRACUSE—Frazer & Jones Co. (saddlery, agricultural & general), 351 W Fayette
Syracuse Malleable Iron Works (Car Couplers, etc.), 121 N Geddes
TROY—Torranee Malleable Iron Co. (Railroad, Stove & Speeial)
Troy Malleable Iron Co. (Railroad, Car, Locomotive, Traek Equipment & Eleetrieal Supplies), Colonie above 25th, Watervliet
WESTMORELAND—Westmoreland Malleable Iron Co. Ltd. (Agricultural, Carriage, Saddlery & general)

OHIO.

CANTON—Canton Malleable Iron Co. (Saddlery & general)
Elbel Co. (Saddlery Hardware & Castings)
CINCINNATI—Haven Malleable Casting Co. (Carriage Hardware & Custom), Knowlton & C. H. & D. Ry.
CLEVELAND—**CHISHOLM & MOORE** MFG. CO. (light & general, Smooth & Well Annealed Castings). (See adv. index, end of book)
Eberhard Mfg. Co. (Saddlery Only), Tennyson & C. & P. R. R.
National Malleable Castings Co. (General), 32 Platt
COLUMBUS—Buckeye Steel Castings Co. (Car Couplers, Chain Links & General)
DAYTON—Dayton Malleable Iron Co. (For Railroad & Car Builders)
MANSFIELD—Ohio Brass Co.
MARION—Marion Malleable Iron Co. (General)
SPRINGFIELD—Springfield Malleable Iron Co. (General)
Warder, Bushnell & Glessner Co. (Agricultural Implements Only)
Whiteley Machine Co. (Agricultural, Car, Carriage, Car Coupler, etc.)
TOLEDO—National Malleable Castings Co.
ZANESVILLE—Zanesville Malleable Iron Co.

PENNSYLVANIA.

BERWICK—Berwick Malleable Co.
BRADFORD—American Duplex Steel Co.
EASTON—Sterlingworth Railway Supply Co. (Refined Air Furnace)
ERIE—Erie Malleable Iron Co. (all kinds)
Jarecki Mfg. Co. (Fittings, etc., for Steam, Gas & Water)
LANCASTER—Lancaster Malleable Iron Works
LANSDALE—Bancroft & Co.
McKEES ROCKS—Fort Pitt Malleable & Grey Iron Co.
Penna Malleable Co. (Small & Large R. R. Castings a Specialty)
MEADVILLE—Meadville Malleable Iron Co. (Railroad Castings a Specialty)
PHILADELPHIA—Devlin, Thos. Mfg. Co. (Carriage, Saddlery, Agrieultural, Pipe Fittings, etc.), 3d & Lehigh av
Flagg, Stanley G. & Co. (Railroad Machinery, Hardware, Pipe Fittings, etc.). 424 N 19th
Phila. Hardware & Malleable Iron Works (Hardware & Small), 9th & Jefferson
Sterlingworth Railway Supply Co. (Refined Air Furnaee), North Ameriean bldg
PITTSBURG—McConway-Torley Co. (Car Couplers & R. R. Castings, etc.), 48th & A. V. R. R.
Penna. Malleable Co. (Small & Large, R. R. Castings a speeialty), Frick bldg
PHOENIX STEEL CONSTRUCTION CO., Penn av & 3d. (See adv. index. end of book)
Pittsburg Malleable Iron Co. (Air-Brakes. fittings, Eleetric Motor Gears & Miscellaneous), 34th & Smallman
STOWE—Flagg, Stanley G. & Co.
YORK—Norway Iron & Steel Co. (Light Refined, All Kinds, up to 500 lbs.)
York Mfg. Co. (all kinds)

RHODE ISLAND.

HILLS GROVE—Rhode Island Malleable Iron Works (all kinds)

TENNESSEE.

CHATTANOOGA—Ross-Meehan Foundry Co.
Southern Malleable Iron Works (Railroad, Maehinery, etc.)

WISCONSIN.

BEAVER DAM—Beaver Dam Malleable Iron Co. (All Kinds)
MILWAUKEE—Milwaukee Malleable & Grey Iron Works, Layton Park
Northwestern Malleable Iron Co. (Agrieultural, Car, etc.), 766 Park
Western Malleable & Gray Iron Mfg. Co., 139 Burrell
Wisconsin Malleable Iron Co., S Bay & Mound
RACINE—Belle City Malleable Iron Co. (Carriage, Wagon, etc.)
Lakeside Malleable Casting Co.
Racine Malleable & Wrought Iron Co. (Wagon, Carriage, Saddiery, Hardware, etc.)
SOUTH MILWAUKEE—**STOWELL MFG.** & FOUNDRY CO. (Light Castings for all Purposes). (See adv. index, end of book)
WAUKESHA—Waukesha Malleable Iron Co. (Farm Implements, Logging Tools, etc.)
WEST ALLIS—West Allis Malleable Iron & Chain Belt Co.

Foundry Clay

Doggett, Stanley, 101 Beekman, New York
MAURER, HENRY & SON, 420 E 23d, New York, & Penna bldg, Phila., Pa. Works, Maurer, N. J. (See adv. front inside cover)

Foundry Facings & Supplies

Blackstone Coal Mining Co. ("Facings"), Valley Falls, R. I.
Brown, L. S. & Co., Springfield, Mass.
Buffalo Foudry Supply Co., 345 Babcoek, Buffalo, N. Y.
Cleveland Foundry Supply Co. (Supplies, etc.), Garfield bldg, Cleveland, O.
Cohutta Talc Co. (Cream Soapstone Faeings), Spring Place, Ga.
Creseent Novelty Mfg. Co. (Faeings, Talc, ete.), Chattanooga, Tenn.
Cutter, Woods & Stevens Co. (Tools & Supplies), 70 Pearl, Boston
Dawson Bros. & Meighan (Faeings, etc.), 1642 2d av, Pittsburg, Pa.
Detroit Fdry. Supply Co., Detroit, Mieh.
Dixon Crucible Co. (Faeings, ete.), Jersey City, N. J.; 68 Reade, N. Y.; 1020 Arch, Philadelphia, & 304 Market, San Franeisco, Cal.
Doggett, Stanley (Mrfs.' Agts.) (Soapstone Foundry Facings), 101 Beekman, New York
Elliott, Benj. G. (Facings), 33 Tehama, San Francisco, Cal.
Emerick, Geo. S. Co. (Facings & Supplies), 46 N 12th, Phila., Pa.
Etting, Edward J. (Mfrs.' Agent), Harrison bldg, Phila., Pa.
Foundry Equipment Co., 12 Pearl, Boston
Gartside, W. N., Richmond, Ind.
Gautier, J. H. & Co. (Graphite), Jersey City,
Goldman, Chas. F., 2928 Girard av, Phila., Pa.
Heames, W. E. & Co. (Faeings, Brick & Supplies), 75 Woodbridge, W., Detroit, Mich.
Hecla Graphite Co., Easton, Pa.
Hill & Griffith Co., C. H. & D. R'y, north of Gest, Cincinnati, O.
Hoffman, T. T. (Facings), Bloomsbury, N. J.
Houdlette, Fred. A. & Son (Pig Iron & Supplies), 93 Broad, Boston
Isley, Doubleday & Co. (Faeings, ete.), 229 Front, N. Y.
Jackson, E. S. & Co. (Facings & Supplies), 316 W Pearl, Cincinnati, O.
Jones, Enos F. Chemieal Co. (Facings, ete.), 352 Wash'n, N. Y.
Kelly, Thos. P. & Co. (Plumbago, Ceylon, Black Lead Prepared, Charcoal, ete.), 544 W 22d, N. Y.
McCormaek, J. S. Co. (Facings, etc.), 25th & A. V. Ry, Pittsburg, Pa.
Mahoning Foundry Facing Mills, Allentown, Pa.
Mineral Grinding Co. (Facings only), Maueh Chunk, Pa.
Moore's Facing Works (Facings, etc.), Providence, R. I.
Nash Foundry Supply Co., Birmingham, Ala.

National Jeloluse Co., 547 W 43d, N. Y.
N. Y. Sand Facing Co. (Facings, Sand, etc.), 610 Kent av, B'klyn, N. Y.
OBERMAYER, S. CO. (Facing, etc.), 647 Evans, Cincinnati, O.; 18th & Rockwell, Chicago, Ill.; 35th & Charlotte, Pittsburg, Pa.; Roe bldg, St. Louis, Mo.; Majestic bldg, Detroit, Mich.; Cooper bldg, Denver, Colo.; Land Title bldg, Phila., Pa., & Mission st, San Francisco, Cal. (See adv. on this page)
OSBORN MFG. CO. (Brushes & Supplies), 1331 Hamilton, Cleveland, O.
Pacific Tool & Supply Co. (Supplies), Mission & 1st, San Francisco, Cal.
Pangborn, Thos. W. (Mfrs.' Agent), 42 Dey, New York
PAXSON, J. W. & CO. (Facings & Supplies), 1021 N Delaware av, Phila., Pa. (See adv. below)
Pettinos Bros. (Graphite Facings & Plumbago), Bethlehem, Pa.
Rumsey, L. M. Mfg. Co., 806 N Main, St. Louis, Mo
SMITH, J. D., FOUNDRY SUPPLY CO., (Factory Supplies), 40 S Water, Cleveland, O., & 2143 Central av, Cincinnati, O. (See adv. bottom of this page)
Springfield Facing Co. (Facings & General Supplies), Springfield, Mass.
Standard Graphite Co. 11 B'way, N. Y.
Standard Sand & Foundry Supply Co. (Special Foundry Machinery), 1434 Superior, Cleveland, O.
Standard Sand & Machine Co. (Sand & Special Machinery, etc.), Cleveland, O.
Steward, D. M. Mfg. Co. (Facings Only), Chattanooga, Tenn.
Stevens, F. B. (Facings, Brick Sand, etc.), 12 Griswold, Detroit, Mich.
Ticonderoga Graphite Co. (Facings only), Ticonderoga, N. Y.
United States Graphite Co. (Facings Only), Saginaw, Mich.
Vulcan Foundry Co., Easton, Pa.
Waskom, W. M. & Co. (Supplies), Dallas, Tex.
Whitehead Bros. & Co. (Facings, etc.), 537 W 27th, N. Y.
Wisconsin Graphite Co. (Graphite Facings), Allegheny, Pa.

Foundry Plant Equipments

Byram & Co. (Inc.), 435 Guoin, Detroit, Mich.
Etting, Edward J. (Mfrs.' Agent), Harrison bldg, Phila., Pa.
Heyl & Patterson, 51 Water, Pittsburg, Pa.
NORTHERN ENGINEERING WORKS, Detroit, Mich. (See adv. index, end of book)
OBERMAYER, S., CO., 647 Evans, Cincinnati, O.; 18th & Rockwell, Chicago, Ill.; 35th & Charlotte, Pittsburg, Pa.; Roe bldg, St. Louis, Mo.; Majestic bldg, Detroit, Mich.; Cooper bldg, Denver, Colo.; Land Title, Phila., Pa.. & Mission st, San Francisco, Cal. (See adv. on this page)
PAXSON, J. W., CO., 1021 Delaware av, Phila., Pa. (See adv. below)
SMITH, J. D., FOUNDRY SUPPLY CO., 40 S Water, Cleveland, O., & 2143 Central av, Cincinnati, O. (See adv. bottom of this page)
Vulcan Works (Open Hearth Steel), Chester, Pa.
WHITING FOUNDRY EQUIPMENT CO., Harvey, Ill. (See adv. index, end of book)

Fountains (Drinking)

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Concord Foundry Co., Concord, N. H.
Creswell, S. J. Iron Works Co., 23d & Cherry, Phila., Pa.
Darby, Edw. & Sons, 233 Arch, Phila., Pa.
Eagle Iron Works (Inc.), 850 De Kalb av, B'klyn, N. Y.
Fiske, J. W., 39 Park pl, N. Y.
Ginther's, J. Sons, 417 B'way, Buffalo, N. Y.
Globe Wire & Iron Works, Attkinson av, Milwaukee, Wis.
HECLA IRON WORKS, 118 N 11th, Brooklyn, N. Y. (See adv. index, end of book)
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Hitzeroth, C., 3124 Market, Philadelphia Pa.
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Illinois Iron & Bolt Co. (Vases, Hitching Posts, etc.), Carpentersville, Ill.
Illinois Malleable Iron Co. (Drinking Fountains), 30 W Monroe, Chicago
Jones, M. D. & Co., 73 Portland, Boston, Mass.
Kohler, J. M. Sons Co. (Street Fountains), Sheboygan, Wis.
Le Baron Foundry Co., Middleboro, Mass.
McDonald Bros. (Vases, Settees, etc.), Columbus, O.
Middleby Oven Mfg. Co., 60 W Van Buren, Chicago, Ill.
Mott, J. L., Iron Works, 88 Beekman, New York
Northwestern Foundry, 312 10th av, S, Minneapolis, Minn.
Ornamental Iron & Wire Co. Portsmouth, Va.
Palmer, C. F., 171 Blandina, Utica, N. Y.
Phoenix Steel Construction Co., Penn av & 3d, Pittsburg, Pa.
SMITH, F. P. WIRE & IRON WORKS, 100 Lake, Chicago, Ill. (See adv. index, end of book)
Smyser's, E. G., Sons, 4 Light, Baltimore, Md.
Stewart Iron Works, 714 E 3d, Cincinnati, O.
Stewart & Stevens Iron Works, 9th c Montgomery av, Phila., Pa.
Swett, A. L. Iron Works (Vases, etc.), Medina, N. Y.
TAYLOR & DEAN, 205 Market, Pitts- burg, Pa. (See adv. index, end of book)
Van Dorn Iron Works Co., 1793 E Madison av, Cleveland, O.
VULCAN CO., Detroit, Mich. (See adv. index, end of book)
Walbridge & Co., 392 Main, Buffalo, N. Y.
Westervelt, A. B. & W. T., 102 Chambers, N. Y.
Wisconsin Iron & Wire Works, 186 E Water, Milwaukee, Wis.

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Confectioners' & Bakers' Supply Co., 218 E Wash'n, Chicago, Ill.
I. X. L. Ice Cream Co. ("Walker's"), Warren, Pa.
Kingery Mfg. Co. (Power & Hand), 106 E Pearl, Cincinnati, O.
Lange, Henry G., 22 N May, Chicago, Ill.
Maag, August Co. ("Seaman's"), Baltimore, Md.
Mills, Thomas & Bro. ("Monitor"), 1301 N 8th, Phila., Pa.
North Bros. Mfg. Co. ("Lightning Gem," "Blizzard"), Lehigh av & American, Phila, Pa.
Tahum, Saml. C. Co., 414 W Water, Cincinnati, O.
Walker & Pratt Mfg. Co., 33 Union, Boston, Mass.
White Mountain Freezer Co., Nashua, N. H.

French Ranges, etc.

(See Cooking Apparatus.)

Frogs (Cast Iron)

Cornell, J. B. & J. M. Co., 26th & 11th av, New York

Frogs (Replacing)

BUDA FOUNDRY & MFG. CO., Har- vey, Ill., & Railway Exchange bldg, Chicago, Ill. (See adv. index, end of book)
Tilden, B. E. Co., Monadnock blk, Chicago, Ill.

Frogs (Spring Rail)

Cleveland Frog & Crossing Co. ("The Lucas"), Cleveland, O.
Elliott Frog & Switch Co., East St. Louis, Ill.

Frogs, Switches & Crossings.

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Allentown Rolling Mills, Allentown, Pa.
American Frog & Switch Co., Hamilton, O.
Atlas Bolt & Screw Co. (Frogs), Cleveland, O.
Barbour-Stockwell Co. (Street Ry.), Cambridgeport, Mass.
Beall Non-Pounding Frog & Crossing Co., South Bend, Ind.
Buckley, L. J. & Co. ("Lucas"), 256 B'way, New York
BUDA FOUNDRY & MFG. CO., Har- vey, Ill., & Railway Exchange bldg, Chicago, Ill. (See adv. index, end of book)
Chester Steel Castings Co., Chester, Pa., & 407 Sansom, Phila., Pa.
Cleveland Frog & Crossing Co. (the Lucas), 16 Bessemer av, Cleveland, O.
Cornell, J. B. & J. M. Co., 26th & 11th av, New York
DAVIES, FRANK, Hennen bldg, New Orleans, La. (See adv. index, end of book)
Elkhart Frog & Crossing Works. Elkhart, Ind.
Elliott Frog & Switch Co. (Spring Frogs, Split Switches, & Switch Stands, etc.), East St. Louis, Ill.
Falk Company, ft 30th, Milwaukee, Wis., & 79 New Montgomery, San Francisco, Cal.
Green's Car Wheel Mfg. Co., St. Louis, Mo.
Indianapolis Switch & Frog Co., Springfield, O.
Johnson Railroad Frog & Switch Co., Chester, Pa.
Johnson Wrecking Frog Co. (Wrecking Frogs, etc.), Cleveland, O.
Kenney & Co. (Frogs & Switches, Railroad & Mine Track), Scottdale, Pa.
KOPPEL, ARTHUR, 68 Broad, New York. (Sec adv. index, end of book)
Kropp, A. & Co., 52 Law av, Chicago, Ill.
LEAVITT, C. W. & CO., 15 Cort- landt, New York. (See adv. index, end of book)
Lorain Stel Co., Lorain, O., & Johnstown, Pa.
Louisville Bridge & Iron Co., 11th & Oldham, Louisville, Ky.
Manufacturing Co. of America, Carlisle, Pa.
Midvale Steel Co., Nicetown, Phila., Pa.; 100 B'way, N. Y.; Old Colony bldg, Chicago, & San Francisco, Cal.
Morden Frog & Crossing Works, The Rookery, Chicago
New York Switch & Crossing Co., 15th & Madison. Hoboken, N. J.
Paige Iron Works, Harvey, Ill., & Monadnock blk, Chicago
Peacock's Iron Works, Selma, Ala.
Penna. Steel Co., Steelton, Pa.; Girard bldg, Phila.; 70 Kilby, Boston, Mass., & 71 B'way, New York
Pettibone, Mulliken & Co. ("Strom" Clamp Frogs & "Spring Rail" Frogs, etc.), 204 Dearborn, Chicago, Ill.
Railroad Supply Co., Bedford bldg, Chicago; & 143 Liberty, New York
Ramapo Iron Works (Crossings, Split Switches, Spring & Rigid Frogs, etc.), Hillburn, N. Y.; Niagara Falls, N. Y., & 170 B'way New York
Reliance Steel Casting Co., Pittsburg, Pa.
Steele, J. C. & Son (Frogs & Switches Only), Statesville, N. C.
UNION SWITCH & SIGNAL CO., Swissvale, Pa.; 143 Liberty, New York, & Monadnock blk, Chicago
Vulcan Iron Works, Wilkesbarre, Pittston & Tamaqua, Pa.
Wason Mfg. Co., Brightwood, Springfield, Mass.
Weir Frog Co., Beech & Highland av, Cincinnati, O.
Wharton, Wm., Jr., & Co. (Inc.), 25th & Wash'n av, Phila., Pa.
White Mfg. Co. (Crossings & Signals), 556 W 34th, New York

Frogs (Wrecking)

(See Car Replacers.)

Fuel Economizers

Broomell, Schmidt, Steacy & Co., Inc. ("American"), York, Pa.
Burrows Mfg. Co., York, Pa.
Burton, W. J. & Co., 164 W Larned, Detroit, Mich.
Cosmopolitan Power Co. (and Steam Condenser), 184 Lasalle, Chicago
Franklin Railway Supply Co. ("Perfection"), Franklin, Pa.
Green Fuel Economizer Co., Matteawan, N. Y.; 74 Cortlandt, New York; 321 Exchange bldg, Boston, Mass.
National Steam Economizer Co. ("Kellar"), Norwich, Conn.
Orvis Down Draft Boiler & Furnace Co., 277 B'way, New York
Schlicht Combustion Process Co., 102 Cedar. **New York**

Steam Boiler Equipment Co. (Hydro-Carbon System), 114 Front, Brooklyn, N. Y.
STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria st, London, Eng. (See adv. index, end of book)
Way Mfg. Co., Springfield, O.

Fuel Oil & Gas Burning Appliances

(See also Burners, Fuel Oil.)

National Oil Burner & Equipment Co., St. Louis, Mo.
PETROLEUM IRON WORKS CO., Washington, Pa., & Farmers' Bank bldg, Pittsburg, Pa. (See adv. index, end of book)
Rockwell Engineering Co., 26 Cortlandt, N. Y.
Tate, Jones & Co. (Inc.) (and Gas), Empire bldg, Pittsburg, Pa.

Fuller's Earth

Owl Commercial Co., 208 E 27th, N. Y.
Salomon, L. A. & Bro., 216 Pearl, N. Y.

Fullers (Top & Bottom)

Atha Tool Co., Newark, N. J.
ANDERSON, W. H. & SONS, Detroit, Mich. See adv. index, end of book)
Duffy Mfg. Co., 125 Indiana, Chicago, Ill.
Evansville Tool Works, Evansville, Ind.

Furnace-Charging Machines

Morgan Engineering Co. (For Both Horizontal & Vertical Furnaces), Alliance, O.

Furnace Pipe & Fittings

Bartlett, J. C., 632 Liberty av, Pittsburg, Pa., & West Newton, Pa.
Excelsior Steel Furnace Co., 38 W Monroe, Chicago, Ill.
Perfection Furnace Pipe Co., B'way & Logan, Toledo, O.
Rome, Geo. & Co. (Ventilating), Carnegie, Pa.
Safety Furnace Pipe Co., 13 E Atwater, Detroit, Mich.
Stockhoff Supply Co. (Perfection), 107 N Main, St. Louis, Mo.

Furnaces (Annealing & Case Hardening)

American Gas Furnace Co., Elizabeth, N. J., & 23 John, N. Y.
American Stoker Co., 277 B'way, N. Y.
Bates Machine Co., Joliet, Ill.
Bethlehem Foundry & Machine Co., S. Bethlehem, Pa.
Braun, F. W. Co. (Annealing, Hardening, Tempering & Case Hardening), Los Angeles, Cal.
Brown & Sharpe Mfg. Co., Providence, R. I.
Chicago Flexible Shaft Co. (Gas Blast), La salle av & Ontario, Chicago, Ill.
CROSBY CO. (Case Hardening), 177- 187 Pratt, Buffalo, N. Y. (See adv. below)
Forter-Miller Eng. Co., Westinghouse bldg, Pittsburg, Pa.
McClure, G. W., Son & Co., Bessemer bldg. Pittsburg, Pa.
Mackenzie, Duncan, Trenton, N. J.
Manchester, C. B. Gas Furnace Co. (Gas), Providence, R. I.
Morgan Construction Co., Worcester, Mass.
Railway Materials Co. (For Boiler Shop, Oil as Fuel), Old Colony bldg, Chicago
Rockwell Engineering Co., 26 Cortlandt, N. Y.
Tate, Jones & Co., Inc. ("Kirkwood" Oil & Gas for Fuel), Pittsburg, Pa.
Waterbury Farrel Foundry & Machine Co., Waterbury, Conn.
Westmacott, J. M. Co., Providence, R. I.

Furnaces (Asphalt, Pitch & Tar)

CONTRACTORS' TOOL CO., 704 Arch, Phila., Pa. (See adv. index, end of book)
Fritsch, Francis Mfg. Co., 223 W McMicken av, Cincinnati, O.
Koven, L. O. & Bro., 50 Cliff. New York
Lyman, W. C., 49 Michigan, Chicago.
Swindell, Wm. & Bros., German Nat'l B'k bldg, Pittsburg, Pa.
Union Iron Works, Hoboken, N. J.

Furnaces (Assayers & Bullion)

Calkins Co., Los Angeles, Cal.

Furnaces (Bagasse)

(Is Classified in its order under Sugar Machinery in the letter S.)

Furnaces (Billet Heating)

Morgan Construction Co., Worcester, Mass.
Rockwell Engineering Co. (Oil, Coal or Gas), 26 Cortlandt, New York

Furnaces (Blast)

Allis-Chalmers Co., New York Life bldg, Chicago, 17 B'way, New York. Works, Chicago, Milwaukee & Scranton, Pa.
Carroll-Porter Boiler & Tank Co., Pittsburg, Pa.
Colorado Iron Works Co., Denver, Colo.
McCullough-Dalzell Crucible Co., 36th & A. V. Ry., Pittsburg, Pa.
Mackintosh, Hemphill & Co., ft 12th, Pittsburg, Pa.
Munroe, R. & Son, 23d & Smallman, Pittsburg, Pa.
Pollock, Wm. B. Co., Youngstown, O.
Rarig, A. K. Engineering Co., Columbus, O.
Riter-Conley Mfg. Co., Pittsburg, Pa., & 39 Cortlandt, N. Y.
Weimer Machine Works Co., Lebanon, Pa.

Furnaces (Brass & Copper Melting)

Auburn Reduction & Smelting Furnace Co. (and for all Soft Metals), Auburn, N. Y.
Brass Founders' Supply Co. (Rotary), Newark, N. J.
Byram & Co. (Inc.), 435 Guoin, Detroit, Mich.
Gesswein, F. W. Co. (Kerosene), 39 John, N. Y.
Hawley Down Draft Furnace Co. (The "Schwartz"), Superior & Townsend, Chicago, Ill., & 149 B'way, New York
Johnson Service Co. ("Johnsons"). Milwaukee, Wis. (For Branch Offices, see Regulators, Heat)
Littleford Bros., 453 E Pearl, Cinn., O.
LUNKENHEIMER CO. General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, New York, & 35 Great Dover st, London, England. (See adv. index, end of book)
Manchester, C. B. Gas Furnace Co. (Gas), Providence, R. I.
OBERMAYER, S., CO., 647 Evans, Cincinnati, O.; 18th & Rockwell, Chicago, Ill.; 35th & Charlotte, Pittsburg, Pa.; Roe bldg, St. Louis, Mo.; Majestic bldg, Detroit, Mich.; Cooper bldg, Denver, Colo.; Land Title bldg, Phila., Pa., & San Francisco, Cal. (See adv. index, end of book)
PAXSON, J. W. CO., 1021 Delaware av, Phila., Pa. (See adv. index, end of book)
Reeves Bros. Co. (Copper), Alliance, O.
Rockwell Engineering Co., 26 Cortlandt, N. Y.
Sheriff's Mfg. Co., 124 Barclay, Milwaukee, Wis.
SMITH, J. D. FOUNDRY SUPPLY CO., 40 S Water, Cleveland, O., & 2143 Central av, Cincinnati, O. (See index, end of book)
Tate, Jones & Co., Inc. ("Schwartz" with "Kirkwood" Fuel Oil System), Pittsburg, Pa.
WHITING FOUNDRY EQUIPMENT Co., Harvey, Ill. (See adv. index, end of book)

Furnaces (Case Hardening)

(See Furnaces, Annealing & Case Hardening.)

Furnaces (Cast Steel Annealing)

Rockwell Engineering Co. (For Oil, Coal or Gas), 26 Cortlandt, New York

Furnaces (Corrugated)

Continental Iron Works (For Land & Marine Boilers), West & Calyer, Brooklyn, N. Y.

Furnaces (Crucible)

Rockwell Engineering Co. (Brass), 26 Cortlandt, New York
TURNER BRASS WORKS (Gasoline), Franklin & Michigan, Chicago
Union Drop Forge Co., 66 E Ohio, Chicago, Ill.

Furnaces (Forging, Etc.)

Crane, W. W. Foundry & Machine Works, Auburn, N. Y.
Railway Materials Co. ("Ferguson," Oil as Fuel), Old Colony bldg, Chicago, Ill.
Union Drop Forge Co. (also Crucible), 66 E Ohio, Chicago, Ill.

Furnaces (Gas)

Gilbert & Barker Mfg. Co. (For Heating Hatchet, Coppers. etc.), Springfield, Mass.; New York; Boston, Mass., & Phila., Pa.

Furnaces (Gas Generator)

Gautier, J. H. & Co. ("Flemming"), Jersey City, N. J.

Furnaces (Gas Soldering)

BICKELHAUPT, G. SKYLIGHT Works, 249 W 47th, N. Y. (See adv. index, end of book)

CASE-HARDENING and ANNEALING FURNACES

Large Capacity; Simple Construction; Economical.

SEND FOR BLUE-PRINTS AND SPECIFICATIONS.

We also do Case-Hardening Work. **THE CROSBY CO., BUFFALO, N. Y.**

Furnaces (Gasoline Crucible)

Turner Brass Works, cor Franklin & Michigan, Chicago, Ill.

Furnaces (Glass Mfrs.)

American Producer Gas Furnace Co., Salem, N. J.
Lippincott Glass Co., Alexandria, Ind.
Mathews, McGranahan & Mathews, Rochester, Pa.
Murphy, M. L., 426 4th av, Pittsburg, Pa.

Furnaces (Heating)

Philadelphia Roll & Machine Co., S 23d & Washington av, Phila., Pa.

Furnaces (Hot Air, Gas for Fuel)

Barber Mfg. Co., Ashtabula, O.
Crane, Wm. M. Co., 1133 B'way, New York
Schellhammer & Son, Warren, Pa.

Furnaces (Hot Air, Mfrs.)

CALIFORNIA.

SAN FRANCISCO—Mission Foundry & Stove Works, 2256 Harrison
Steiger & Kerr Stove & Foundry Co., Main & Harrison

CONNECTICUT.

BRISTOL—Turner Heater Co.
NORWICH—Kelly-Richmond Co.
PUTNAM—Putnam Foundry & Machine Corporation
STAMFORD—Stamford Foundry Co.
Stamford Gas Stove Co.

ILLINOIS.

BLOOMINGTON—American Foundry & Furnace Co.
CHICAGO—Boedecker, C., 121 W Wash'n
Boynton Furnace Co., 147 Lake
Cox, Abram Stove Co., 19 W Lake
Excelsior Steel Furnace Co., 40 W Monroe
Franzen, Wm., 882 Clifton av
Fuller-Warren Co., 86 Lake
Hart & Crouse Co., 79 Lake
Hess Warming & Ventilating Co., 131 La Salle
International Heater Co., 48 Dearborn
Magee Furnace Co., 86 Lake
Mott, J. L. Iron Works, Merchants' Loan & Trust bldg
Richardson & Boynton Co., 84 Lake
Robinson Furnace Co., 109 Lake
Servoss Furnace Co., 135 Lake
Smith, Chas. Co. ("Hero," "Little Giant"), 101 E Lake
MOLINE—Tyrrell, B. B. & Co.
PEORIA—Sandmeyer H. & Co., 215 S Adams
QUINCY—Gem City Stove Mfg. Co.

INDIANA.

INDIANAPOLIS—Kruse & Dewenter, 427 E Wash'n
Mast, Geo. J. Heating Co., 643 Mass av
Murphy Iron Works, Stevenson bldg
Thiele, L. C., 105 S Meridian

IOWA.

CEDAR RAPIDS—Economy Furnace Co.
DES MOINES—Campbell Heating Co.
DUBUQUE—Smedley Steam Pump Co.
MARSHALLTOWN—Lennox Machine Co. (Hard & Soft Coal & Wood)

KANSAS.

LEAVENWORTH—Varney Heating & Mfg. Co., 321 Cherokee

KENTUCKY.

COVINGTON—Clark, W. A. & Co.

MAINE.

BANGOR—Clement & Brown Mfg. Co., 101 Broad
Wood & Bishop Co.
PORTLAND—Crocker, C. H. Co., 40 Preble
Portland Stove Foundry Co.

MARYLAND.

BALTIMORE—Bibb, B. C. Stove Co., 107 Light
Heath, Chas. C. & Co., 4 N Liberty
Hutchinson Bros., 116 N Howard
Keeley Stove Co., 21 S Charles
Leibrandt & McDowell Stove Co., 25 E Pratt
Rapid Transit Stove & Furnace Co., 628 N Eutaw
Sexton, S. B. Stove & Mfg. Co., 23 E Lombard
Sheppard, Isaac A. & Co., Eastern av & Chester

MASSACHUSETTS.

BOSTON—Carpenter, Cyrus & Co., 44 Hanover
Chilson Furnace Co., 88 Wash'n
Chubbuck, L. H. & Co., 30 Hayward pl
Clark, Henry N. Co., 56 Union
Felton-Turner Heating Co., 32 Warren
Highland Foundry Co., 1341 Columbus av
Howes, S. M. Co., 40 Union
Kohler Furnace & Steam Heating Co., Elmwood c Dunlow
Magee Furnace Co., 38 Union
Ridgway Furnace Co., 6 Portland
Rodday, Robt. J. & Co., 138 Harrison av
Smith & Anthony Co., 48 Union
Walker & Pratt Mfg. Co., 31 Union
White, Chas. H. & Co., 22 Bowker
Young, D. A. & Co., 251 Atlantic av
CHELSEA—International Heater Co.
HAVERHILL—Mills & McClintock
METHUEN—Sanborn Furnace Co.
N. DIGHTON—Dighton Furnace Co.
TAUNTON—Weir Stove Co.
WATERTOWN—Walker & Pratt Mfg. Co.
WINCHENDON—Hill & Bosley

MICHIGAN.

ALMA—Schwartz, J. F. (The Imperial)
BIG RAPIDS—Michigan Heater Co.
DETROIT—Detroit Furnace & Heater Co., 251 Guoin
Michigan Stove Co., 1022 Jeff av
Peninsular Stove Co., Fort & 10th
Standard Foundry Co., 685 Atwater E
GRAND RAPIDS—Shriver, Fredk. Sr., 116 Island
ITHACA—Wells, H. B. & Son
MARSHALL—Marshall Furnace Co.
MONROE—Monroe Foundry & Furnace Co.
MORENCI—Chappell Furnace Co.
PETOSKEY—Burnett Foundry & Machine Co., Ltd.

MINNESOTA.

MINNEAPOLIS—Moore Heating Co., 704 S 5th
Schupp, Wm. & Co., 528 3d av S
ST. PAUL—St. Paul Stove Repair Works (Stafford), 126 W 7th
Wolxterstorff & Haskell Range & Furnace Co. (The "St. Paul"), 186 E 6th

MISSOURI.

MOBERLY—Selby, W. H.
ST. LOUIS—Halpin, Jas. Mfg. Co., 1513 Chestnut
Haynest & Langenburg Mfg. Co.
Stockhoff Supply Co., 107 N Main
Wrought Iron Range Co., 1901 Wash'n av

NEBRASKA.

OMAHA—Western Furnace & Foundry Co., 1218 Harney

NEW JERSEY.

JERSEY CITY—Boynton Furnace Co., Pacific av
NEWARK—Rossmore Co., 22 Mechanic
Thatcher Furnace Co., 42 St. Francis

NEW YORK.

BUFFALO—Ginther's, J. Sons, 417 B'way
CORNING—Corning Mfg. Co. (The Victor)
FULTON—Emery, G. J. ("Intense" Portable & Brick Set)
HOOSICK FALLS—Brien Heater Co.
NEW YORK—Abendroth Bros., 109 Beekman
Barstow Stove Co., 210 Water
Boynton Furnace Co., 207 Water
Cory, Uzal & Co., 210 Water
Crane, W. M. Co., 1133 B'way
Fuller & Warren Co., 256 Water
Graff Furnace Co., 208 Water
Harvey Furnace Co., 649 6th av
Kelsey Heating Co., 156 5th av
Mott, J. L. Iron Works, 88 Beekman
Munsell, Eugene & Co., 218 Water
Nugent, Thos., 223 E 80th
Richardson & Boynton Co., 234 Water
Richardson-Morgan Co., 92 Beekman
Simonds Furnace Co., 50 Cliff
Southard-Robertson Co., 257 Water
Thatcher Furnace Co., 240 Water
Thomas-Roberts-Stevenson Co., 250 Water
Union Stove Works, 70 Beekman
PEEKSKILL—N. Y. Stove Works
Union Stove Works
ROCHESTER—Co-Operative Foundry Co.
Enterprise Foundry Co. ("Ariel"), 48 Olean
SYRACUSE—Kelsey Heating Co., 339 W Fayette
Syracuse Heater Co., 517 S. Clinton
TROY—Burdett, Smith & Co.
Fuller & Warren Co.
Henderson, Frank, 329 River
Westside Foundry Co., Watervliet
UTICA—Giblin & Co.
Hart & Crouse Co.
International Heater Co.
Palmer, C. F. (the Phoenix)
Utica Heater Co.

OHIO.

AKRON—May & Fiebeger
Rohrbacher & Allen
ASHTABULA—Barber Mfg. Co.
CANTON—Bonnot Company
CINCINNATI—Cincinnati Steel Range & Furnace Co., 121 W 5th
Fischer, Wm. C. Mfg. Co., 109 Church pl
Grossius, John Furnace Co., 409 E 8th
Lotze's, A. Sons & Co., 8th & B'way
Miller, Wm. Range & Furnace Co., 125 E 5th
Peck-Williamson Heating & Ventilating Co., 339 W 5th
CLEVELAND—Bennett Furnace Co. (Cleveland), 1301 Euclid av
Smith, W. A. & Co., 120 Champlain
COLUMBUS—Columbus Heating & Ventilating Co., 586 S High
Hart & Crouse Co., Poplar av & Henry
CRESTLINE—Schill Bros. Co.
DAYTON—Craig-Reynolds Foundry Co., Dayton, O.
Dayton Steel Tubular Furnace Co.
National Hot Air Furnace & Ventilating Co.
ELYRIA—Fox Furnace Co.
MANSFIELD—Baxter Stove Co.
MASSILLON—Hess Snyder Co.
NEWARK—Simpson Heater Co.
SHELBY—Shelby Stove & Mfg. Co.
SPRINGFIELD—Patric Furnace Co., 17 W Wash'n
Progress Furnace Co., East & Eastern av
STEUBENVILLE—Sharp, W. L. & Son
TOLEDO—Caldwell Furnace F'dry Co.

PENNSYLVANIA.

ALLENTOWN—Hersh & Bro.
DANVILLE—Danville Stove & Mfg. Co.
ERIE—Patterson & Stirling
HARRISBURG—Harrisburg Mfg. & Boiler Co. ("The Hornsburg")
PHILADELPHIA—Bartlett, Chas. F., 27 N 10th
Cox, Abram Stove Co., cor American & Dauphin
Danville Stove & Mfg. Co., 107 N 2d
Leibrandt & McDowell Stove Co., E Girard av c Norris

McFarland's, Edw. Son, 140 N 6th
Mt. Penn Stove Works, 111 N 2d
Phila. Stove & Iron Foundry Co., 1631 N 5th
Reynolds, J. & Son, 1613 Filbert
Sheppard, Isaac A. & Co., 1801 N 4th
Spear, Jas. Stove & Heating Co., 1014 Market
Thomas-Roberts-Stevenson Co., 1900 S 3d & Mifflin av
Tubular Heating & Ventilating Co. (Jupiter), 228 Quarry
PITTSBURG—Heating, Ventilating & Foundry Co., 1324 Park bldg
Pittsburg Furnace & Ventilating Co., 329 1st av
Pittsburg Stove & Range Co. ("Etna")
Prizer-Painter Stove & Heater So., 717
PITTSTON—Pittston Stove Co. Grant
POTTSTOWN—March-Brownback Stove Co.
QUAKERTOWN—Roberts, Winner & Co.
READING—Geissler, H. C. & Son, 731 Penn
Mt. Penn Stove Works
Orr, Painter & Co. ("Sunshine")
ROYERSFORD—Buckwalter Stove Co.
Grander Stove Co.
SPRING CITY—Yeager-Hunter Spring City Stove Works
WARREN—Schellhammer & Son (Fas for Fuel)

RHODE ISLAND.

PROVIDENCE—Barstow Stove Co.

TENNESSEE.

KNOXVILLE—Scates Warm Air Furnace Co.

WEST VIRGINIA.

WHEELING—Heating, Ventilating & Foundry Co.

WISCONSIN.

LA CROSSE—Torrance, Jno. & Son
MILWAUKEE—Brand Stove Co., 295 6th
Fuller-Warren Co., 32nd c Wright
Lindeman, A. J. & Hoverson Co., 348 Florida
Lindeman, J. P. & Sons, 78 W Water
Milwaukee Stove & Foundry Co., 130 W Water
Mueller, L. J. Furnace Co., 197 Reed
Schwab, R. J. Sons Co., 271 Clinton
NEENAH—Bergstrom Bros. & Co.

*Furnaces (Lead)

Loetzer Valve & Mfg. Co. (Furnace & Lead Pot Mounted on Wheels), Towanda, Pa.
Macleod, Walter & Co., 463 E Front, Cincinnati, O.
Mueller, H. Mfg. Co., Decatur, Ill.
Smith, A. P. Mfg. Co. ("Economic"), Newark, N. J.
Pollard, Jos. G., 141 Raymond, Brooklyn, N. Y.
Union Iron Works, Hoboken, N. J.

Furnaces (Liquid Boiling)

Rockwell Engineering Co. (For Oil or Gas), 26 Cortlandt, New York

Furnaces (Lead Tempering)

Rockwell Engineering Co. (For Oil or Gas), 26 Cortlandt, New York

Furnaces (Metal Melting)

Porteous, John Mfg. Co. (Portable), 525 Reading rd, Cincinnati, O.

Furnaces (Open Hearth)

Philadelphia Roll & Machine Co., S 23d & Wash'n av, Phila., Pa.

Furnaces (Pipe Line)

FOCHT, GEO. SONS, Hoboken, N. J. (See adv. index, end of book)
Union Iron Works, Hoboken, N. J.

Furnaces (Pitch & Tar)

Koven, L. O. & Bro., 50 Cliff, New York
Swindell, Wm. & Bros., German Nat'l bldg, Pittsburg, Pa.

Furnaces (Plate Heating)

Kenworthy Engineering & Construction Co., Waterbury, Conn.
Rockwell Engineering Co. (Oil or Gas for Fuel), 26 Cortlandt, New York

Furnaces (Plumbers' & Tinners')

American Stove Co., 414 N 6th, St. Louis, Mo.; 72 Lake, Chicago, Ill., & 356 4th av, New York
Bernz, Otto, S 13th c S Orange av, Newark, N. J.
Best Street Light Co., Canton, O.
BICKELHAUPT, G. SKYLIGHT Works (Gas Soldering), 249 W 47th, N. Y. (See adv. index, end of book)
Bowsky, L., 164 E 52d, N. Y.
Burgess Soldering Furnace Co., 238 N 3d, Columbus, O.
Clark, Geo. M. & Co., 72 Lake, Chicago, Ill.
Clayton & Lambert Mfg. Co., Detroit, Mich.
Conran, Wm. F., 305 Pearl, N. Y.
Crane, Wm. M. Co., 1133 B'way, N. Y.
Dangler Stove & Mfg. Co., Cleveland, O.
Dicke Tool Co., Downers Grove, Ill.
Gefrorer, C., 248 N 8th, Philadelphia, Pa.
Gilbert & Barker Mfg. Co., Springfield, Mass.; New York; Boston, Mass., & Phila., Pa.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
HAMMACHER, SCHLEMMER & CO., 133 4th av, New York. (See adv. index, end of book)
Hull, J. S. Mfg. Co. ("Hull" Gasoline), Baltimore, Md.
Hydrocarbon Burner Co., 197 Fulton, N. Y.
Jacobson Machine Mfg. Co., Warren, Pa.
Knapp Mfg. Co. (Blast Furnaces, etc.), 24 Frankfort, New York
Klein, Mathias & Son (Charcoal), 87 W Van Buren, Chicago
Leather & Brass Mfg. Co. (Gas, Oil or Kerosene), Auburn, N. Y.
Luther & Lederhos, 9 Desbrosses, N. Y.
Murray, Jno. A., 625 6th av, N. Y.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Park & McKay Co., 55 Bagley av, Detroit, Mich.
Ringen Stove Co. (Quick Meal), 414 N 6th, St. Louis, Mo.
Schneider & Trenkamp Co., Cleveland, O.. & 62 S Canal, Chicago
Sun Vapor Street Light Co., Canton, O.
Smith, Chas. G., 352 Pearl, New York
Union Heater Supply Co., 13 Macomb, Detroit, Mich.
White Mfg. Co., 192 Michigan, Chicago, Ill.

Furnaces (Puddling)

Philadelphia Roll & Machine Co., S 23 & Wash'n av, Phila., Pa.

Furnaces (Regenerating Gas)

Rockwell Engineering Co., 26 Cortlandt, N. Y.
Swindell, Wm. & Bro., German Nat'l Bank bldg, Pittsburg, Pa.

Furnaces (Re-Heating)

Morgan Construction Co., Worcester, Mass.

Furnaces (Revolving Forge)

Pawtucket Mfg. Co., Pawtucket, R. I.
Rockwell Engineering Co. (Annealing, for Oil, Coal or Gas), 26 Cortlandt, New York

Furnaces (Rivet Heating)

Rockwell Engineering Co. (For Oil, Coal or Gas), 26 Cortlandt, New York

Furnaces (Roll Tapering)

Railway Materials Co. ("The Ferguson," Oil as Fuel), Old Colony bldg, Chicago

Furnaces (Rolling & Melting)

Wellman-Seaver-Morgan Co. ("Wellman"), Cleveland, O., & Akron, O.

Furnaces (Salamander)

Keller, A. E. (Masons'), 136 Beekman, New York

Furnaces (Smelting, Roasting, Calsing, Etc.)

Allis-Chalmers Co. (Cyanide), New York Life bldg, Chicago, Ill., & 71 B'way, New York. Works, Chicago, Ill., Milwaukee, Wis., & Scranton, Pa.
Braun, F. W. Co., Los Angeles, Cal.
Burton Electric Smelting Co. (Electric), 185 Summer, Boston, Mass.
Colorado Iron Works Co., Denver, Col.
Davis, F. M. Iron Works Co., Denver, Col.
Hamilton, Wm. Mfg. Co., Petersborough, Ont., Can.
Harron, Rickard & McCone (Inc.), San Francisco, Cal.
Hendy, Joshua, Machine Works, 38 Fremont, San Francisco, Cal.
Mecklenburg Iron Works, Charlotte, N. C.
Mine & Smelter Supply Co., Denver, Colo., 139 Liberty, N. Y.; El Paso, Tex., & Salt Lake City, Utah
Pollock, W. B. Co., Youngstown, O.
Power & Mining Machinery Co. ("Bruecker" Roasting Furnace, etc.), 52 William, New York. Works, Cudahy, Wis.
Reeves Bros. Co., Alliance, O.
Richards & Co., Ltd., 12 E 18th, N. Y., & 108 Lake, Chicago
Stearns-Rogers Mfg. Co., 1718 California, Denver, Colo. Works, Pueblo, Col.
Union Iron Works, San Francisco, Cal.
Union Iron Works (Inc.), Spokane, Wash'n

Furnaces (Smokeless)

(See also Mechanical Stokers.)

Brightman Furnace Co., 648 Broadway, Cleveland, O.
Bonson Furnace & Boiler Co. ("Bonson" Furnace & Boiler), 204 Dearborn, Chicago, Ill.
Burke, James V., 185 Dearborn, Chicago, Ill.
Butman Boiler Furnace Co., Monadnock blk, Chicago, Ill.
Gallagher Boiler Setting Co., 29 B'way, N. Y.
Harris, J. B. ("Harris" Smoke Consuming), Nashville, Tenn.
Hawley Down Draft Furnace Co., 149 B'way, New York, & Chicago, Ill.
Herbert, M. E. Heater Co., 240 Root, Chicago, Ill.
Jarvis Engineering Co., 61 Oliver, Boston, Mass.
McMillan, Jas. & Co., 219 Wash'n, Chicago, Ill.
Murphy Iron Works, 215 Dearborn, Chicago, Ill.; ft of Walker, Detroit, Mich., & 503 Lewis blk, Pittsburg, Pa.
Orvis Down Draft Boiler & Furnace Co., 277 B'way, New York
Steam Boiler Equipment Co., 114 Front, Brooklyn, N. Y.
Walker, Robert L., 15 Park row, New York
WESTINGHOUSE MACHINE CO., The, (Roney), Westinghouse bldg, Pittsburg, Pa.

Furnaces (Soldering)

(See Furnaces, Plumbers' & Tinners'.)

Furnaces (Sulphur)

Bethlehem Foundry & Machine Co., South Bethlehem, Pa.

Furnaces (Tempering)

(See Furnaces, Annealing & Case Hardening.)

Furnaces (Welding, Regenerative)

Rockwell Engineering Co. (Oil or Gas for Fuel), 26 Cortlandt, New York

Furnaces (Wood Burning)

(See also Furnaces, Hot Air, Mfrs.)

Berghstrom Bros. & Co., Neenah, Wis.
Clauda & Meyer, Adrian, Mich.
Dean, Walter R., Oakam, Mass.
Hart & Crouse Co., Utica, N. Y., & 235 Water, New York
International Heater Co., Utica, N. Y.; 237 Water, New York; 48 Dearborn, Chicago, Ill., & Chelsea, Mass.
Lennox Machine Co. (Also for Hard & Soft Coal), Marshalltown, Ia.
Miller Furnace Co., Grand Rapids, Mich.
Monroe Foundry & Furnace Co., Monroe, Mich.
Schill Bros. Co., Crestline, O.
Wood & Bishop Co., Bangor, Me.

Furnaces (Wire Baking & Annealing)

Rockwell Engineering Co. (Oil, Coal or Gas), 26 Cortlandt, New York

Furniture (Bamboo)

Boston Bamboo Co., 82 North, Boston, Mass.
Cahoone, Geo. E., Charlock & Newtown Creek, Brooklyn, N. Y.
Dexter, H. C. Chair Co., Black River, N. Y.
Klein Bros., 630 W. 52d, New York
Minneapolis Bedding Co., Minneapolis, Minn.
National Carriage & Reed Co., Cincinnati, O.
West Branch Novelty Co., Milton, Pa.

Furniture (Church & Lodge)

Abramson, Engesser Co., 1971 1st av, New York
Ahmann, M. & Co., 431 Main, Cincinnati, O.
Ahnapee Veneer & Seating Co. (Veneer Seating, etc.), Algoma, Wis.
Alexander, R., 195 Osland av, E. Minneapolis, Minn.
Allen-Thompson-Whitney Co., 112 Canal, Boston, Mass.
American School Furniture Co. (Seating, etc.), 21 W 18th, New York
Andrews, A. H. Co. (Seating, etc.), 174 Wabash av, Chicago, Ill.
Bent, G. W. & Co. (Cushions & Kneeling Stools), 93 Causeway, Boston, Mass.
Berlin Mills Co., Portland, Me.
Choate, W. A. Co. (Pews, Chairs & Pulpits, Communion Tables, etc.), 24 State, Albany, N. Y.
Corn Palace Mfg. Co., Sioux City, Ia.
De Wolf, Geo. N., Garnett, Kan.
Enterprise Mfg. Co. (Also Pulpits), Tiffin, O.
Excelsior Furniture Co. (Altars, Pews, Reversible Settees, etc.), 6th & Vine, Cincinnati, O.
Frier, Geo. L., Tacoma, Wash.
Geissler, R., 56 W 8th, New York
Hackner, E. (Altars, Pulpits, Statuary, etc.), 1235 Ferry, La Crosse, Wis.
Halstrick, Anthony (Sculptor & Carver), 636 South av, Rochester, N. Y.
Hogeman, Chas. F., 105 E 17th New York
Lamb, J. & R., 59 Carmine, New York
Lausberg & Macke, Louisville, Ky.
McClees, L. B. & Co., 1026 Arch, Phila., Pa.
Maxon & Co. (Pews), Westerly, R. I.
Mayer, Hermann & Co., 40 W Fort, Detroit, Mich.
Michigan Apparatus Co., Ann Arbor, Mich.
Minneapolis Office & School Furniture Co., Minneapolis, Minn.
Mitchell, Robert, Furniture Co., 624 Race, Cincinnati, O.
Mitchell, T. H., Salisbury, Md.
Moore Mfg. Co., Springfield, Mo.
N. J. School & Church Furniture Co., Trenton, N. J.
Olcott, J. M., 63 5th av, New York
Osker & Ford Mfg. Co. (Seating, etc.), Grand Rapids, Mich.
Pratt, Amasa & Co., 106 Dutton, Lowell, Mass.
Readsboro Chair Mfg. Co., Readsboro, Vt.
Retting & Sweet, Grand Rapids, Mich.
Rowles, E. W. A., 177 Monroe, Chicago, Ill.
St. Paul Furniture Co., 7 Corners, St. Paul, Minn.
Sanford Sash & Blind Co. (Pews), Sanford, N. C.
Sauder, J. M. Co. (Inc.), Marietta, Pa.
Schenk, Alter Co. (Pew & Altar Builders), 833 Kentucky, Quincy, Ill.
Schmid, Geo. A. (Altars, etc.), 702-14 E Main, Streator, Ill.
Schmit, Henry & Co., 1069 Hopkins, Cincinnati, O.
Shaw, A. B. & E. L. Co. (Furniture), 81 Causeway, Boston, Mass.
Sherwood Co. (Church Seating Only), 14th & Lincoln, Chicago, Ill.
Small, S. C. & Co. (Furniture), 90 Canal, Boston, Mass.
Standard School Furnishing Co., 150 Mich. av Chicago, Ill.
STEARNS, A. T. LUMBER CO., Neponsett, Mass., & 166 Devonshire, Boston, Mass. (See adv. index, end of book)
Stephens, Thomas & Sons (Inc.), 275 Lark, Albany, N. Y.
Stoltzenberg Co., 51 Barclay, N. Y.
Tiffin Mfg. Co. (Pews, Pulpits, Altars, Altar Railings, etc.), Tiffin, O.
Vaughan-Bonsall Co., Salem, Ohio
Washington Mfg. Co., Tacoma, Wash.
Wollaeger Mfg. Co., 636 N Water, Milwaukee, Wis.
Woodman, Joel B. (Pews, etc.), 15th & Clinton, Hoboken, N. J.

Furniture (Electro Plated)

Essex Wood Turning Co., Essex, Conn.

Furniture for Public Buildings

Andrews, A. H. Co., 174 Wabash av, Chicago, Ill.
Duker, Otto & Co., Canton av & Albemarle, Baltimore, Md.
Matthews Bros. Mfg. Co., 61 4th, Milwaukee, Wis.
Mitchell, Robert Furniture Co., 624 Race, Cincinnati, O.
Revell, A. H. & Co., Wabash av & Adams, Chicago, Ill.
Wollaeger Mfg. Co., 636 N Water, Milwaukee, Wis.

Furniture Glistening Cream

East Mfg. Co. (For Repolishing Furniture, Pianos, etc.), Buffalo, N. Y.

Furniture (Leather Covered)

Mowday, D. Y. (Leather Covered Furniture for Public Buildings, etc.), Norristown, Pa.

Furniture (Metallic)

MERRITT & CO. (FOR PUBLIC Buildings), 1024 Ridge av, Phila., Pa. (See adv. index, end of book)

Furniture (Post Office)

St. Paul Furniture Co., 7 Corners, St. Paul, Minn.
Wollaeger Mfg. Co., 636 N Water, Milwaukee, Wis.

Furniture (School)

Allen, D. Webster (Settees, Folding Chairs, etc.), 90 Canal, Boston, Mass.
Allen-Thompson-Whitney Co. (Settees, Folding Chairs, etc.), 112 Canal, Boston, Mass.
American School Furniture Co. (Automatic Desks, Seats, etc.), 21 W 18th, New York
Andrews, A. H. Co. (Seating Apparatus, etc.), 174 Wabash av, Chicago, Ill.
Browne, Chas. H., 70 5th av, New York
Caldwell, Fordyce S., 114 5th av, New York
Caxton Co., 378 Wabash av, Chicago, Ill.
Chandler Adjustable Chair & Desk Co. (Adjustable Seats & Desks), 165 Devonshire, Boston, Mass.
Choate, W. A. Co. (Seats, Desks, Settees & General Supplies), 24 State, Albany, N. Y.
Cinn. Seating Co. (Seats, Apparatus & Supplies), 6th & Vine, Cincinnati, O.
De Wolf, Geo. N., Garnett, Kan.
Evans, R. & Co. (Also Charts), Green Bay, Wis.
Excelsior Furniture Co. (Seats, Apparatus & Supplies), Vine & 6th, Cincinnati, O.
Favorite School Desk Co. (Apparatus), 72 Stanton, Cleveland, O.
Gage, J. F. & Co. (Seating Desks, etc.), Minneapolis, Minn.
Haney School Furniture Co. (and Supplies), 63 5th av, N. Y.; Grand Rapids, Mich.
Kansas City Furniture Co., Kansas City, Mo.
McClees, L. B. & Co. (Apparatus & Supplies), 1026 Arch, Phila., Pa.
Mayer, Hermann & Co., 40 W Fort, Detroit, Mich.
Michigan Apparatus Co., Ann Arbor, Mich.
Minneapolis Office & School Furniture Co., Minneapolis, Minn.
Moore Mfg. Co., Springfield, Mo.
N. J. School & Church Furniture Co., Trenton, N. J.
Olcott, John M., 63 5th av, New York
Pacific Coast School Furniture Co., Forest Grove, Ore.
Richmond School Furniture Co., 96 Spring, New York
Rowles, E. W. A., 177 Monroe, Chicago, Ill.
Sauder, J. M. Co. (Inc.), Marietta, Pa.
Sherwood Co. (Automatic Folding Top Desks, Seats, etc.), c 14th & Lincoln, Chicago, Ill.
Smith, S. A. Co. (Settees Made Same as Desk Seats), Brattleboro, Vt.
Standard School Furnishing Co., 150 Michigan av, Chicago, Ill.
Twin City School Supply Co. (Seatings, etc.), Minneapolis, Minn.
Woodruff & Edwards Co. (Desks, etc.), Elgin, Ill.
Youngman, C. H., 135 5th av, New York

Furring (Light Iron)

MERRITT & CO., 1024 RIDGE AV, Phila., Pa. (See adv. index, end of book)
Monahan, Martin J., 1123 B'way, New York
Oliver, Chas. D. & Co., 1123 B'way, New York
Schratwieser, C., 426 3d av, Brooklyn, N. Y.
Voss, Fredk., 617 Austin av, Chicago, Ill.

Fuse (Railway Signal)

(See Torpedoes & Fuses Railway Signal.)

Fuse Wire

American Electrical Works, Providence, R. I.; 26 Cortlandt, N. Y., & 82 Lake, Chicago
American Electric Fuse Co., 50 W Jackson boul, Chicago, Ill., & Adrian, Mich.
Chase-Shawmut Co. (and Fuse Links), Newburyport, Mass.
Chicago Fuse Wire & Mfg. Co., 853 B'way, N. Y., & 358 Dearborn, Chicago
Electric Appliance Co., 92 W Van Buren, Chicago
Foote, Pierson & Co., 84 Fulton, New York,
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, New York. (See adv. index, end of book)
Harvard Electric Co., 224 S Clinton, Chicago
McIntire, C. Co., 13 Franklin, Newark, N. J.
Sterling Electric Co., Lafayette, Ind.

Fuses

American Electric Co. (Wm. J. Hartwig, Prop.) Detroit, Mich.
American Electric Fuse Co., 50 W Jackson blvd, Chicago, Ill.
Chase-Shawmut Co., Newburyport, Mass.
Chicago Die & Electric Co., 87 W Lake, Chicago
Chicago Fuse & Wire Mfg. Co., 358 Dearborn, Chicago
D. & W. Fuse Co. (Non-Arcing, Enclosed Cartridge or Plug Type), Providence, R. I.
Foote, Pierson & Co. ("W. B. G.," Accurate Sneak Current), 84 Fulton, New York
General Incandescent Arc Light Co., 529 W 34th, New York
Harvard Electric Co., 224 S Clinton, Chicago, Ill.
McIntire & Co., 15 Franklin, Newark, N. J.
Scott Bros. Electric Co., 7 Farrar, Detroit, Mich.
Smith, H. Julius, Pompton, N. J.
Sterling Electric Co., Lafayette, Ind.
Vomacka & Mazanck, 434 E 71st, New York

Fuses (Enclosed)

Chase-Shawmut Co., Newburyport, Mass.

Gadders (Air)

INGERSOLL-SERGEANT DRILL CO., The, 26 Cortlandt, N. Y. Offices: Old Colony Bldg, Chicago, Ill.; Arcade Bldg, Phila., Pa.; Park Bldg, Pittsburg, Pa.; '77 Oliver, Boston, Mass.; Williamson Bldg, Cleveland, O.; Fulerton Bldg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temle, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th and Wacouta, St. Paul, Minn.; 310 First av, Seattle, Wash.; Corestine Bldg, Montreal, Canada; Mexico City, Calle 2a de Delores, No. 20 Mexico, D. F.; London, Eng., 114a Queen Victoria st.; Paris, France, 51 Rue Rue de la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2: Sidney, N. S. W., 187 Clarence st.; Kalgorliss, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valpariso, Chili, W. R. Grace & Co.; Lima, Peru, W. R. Grace & Co.; St. Petersburg, Russia, Troitzkaya, 19. (See adv. index, end of book)

Galleries (Riding)

(See also Carrousells, Organs, etc.)

Armitage-Herschell Co., N Tonawanda, N. Y.
Gillie Engine & Machine Co., Tonawanda, N. Y.
Herschell, Spillman & Co., N Tonawanda, N. Y.

Galvanized Iron Pipe Mfrs.

(See Pipe, Galvanized Iron.)

Galvanized Iron Store Fronts

(See Store Fronts, Galvanized Iron.)

Galvanizing (Patent Cold Process Installed)

Hanson & Van Winkle Co., Newark, N. J.
U. S. ELECTRO-GALVANIZING CO., 3 Park av, Brooklyn, N. Y.

Galvanizing Works

(See also Tinning & Japanning.)

Abendroth & Root Mfg. Co. (Virgin Spelter, Kettles, 25 ft Long), 99 John, New York, & Newburgh, N. Y.
American Galvanizing & Tin Plate Co., 816 E Pearl, Cincinnati, O.
American Galvanizing Works (Angles, Bars & Bands, etc., Black & Galvanized), 1247 Fillmore, Chicago
Avery Stamping Co., Cleveland, O.
Baltimore Galvanizing & Spike Works, 207 Hughes av, Baltimore, Md.
Bliss Bros., 170 Commercial, Boston, Mass.
Boston Galvanizing Works, 121 W 1st, Boston,
Briscoe Mfg. Co., Detroit, Mich. Mass.
Buffalo Galvanizing & Tinning Works (Also Tinning), 79 Jackson, Buffalo, N. Y.
Buhl Stamping Co. (also Tinning), Detroit, Mich.
Canton Malleable Iron Co. (Also Tinning), Canton, O.
Central Stamping Co., 24 Cliff, New York
Charlton, Jno., 491 N 3d, Phila., Pa.
Cleveland Galvanizing Works, 24 Cooper, Cleveland, O.
Devlin, Thos. Mfg. Co., 3d & Lehigh av, Phila., Pa.
Dover Stamping & Mfg. Co., Cambridge, Mass.
Eberhard Mfg. Co., Cleveland, O.
Empire Pipe Bending & Supply Co., 253 Park av, Brooklyn, N. Y
Finn, Jno. Metal Works, 315 Howard, San Francisco, Cal.
Gregory, Thos. Galvanizing Works, 63 Frost, Brooklyn, N. Y.
Hill, Jas. Mfg. Co., Providence, R. I.
Illinois Malleable Iron Co., 30 W Monroe, Chicago, Ill.
Koven, L. O. & Bro., 50 Cliff, N. Y.
Jersey City Galvanizing Co., 112 John, New York, & 80 Morgan, Jersey City, N. J.
Lanz, Mathew & Sons, 101 S 29th, Pittsburg,
Laughlin, Thos. Co., Portland, Me. Pa.
Lefferts' Galvanizing & Tinning Works, 508 E 20th, New York
Malleable Iron Fitting Co. (also Tinning & Japanning), Branford, Conn.
Marine Hardware & Equipment Co., South Portland, Me.
Marshall Bros. & Co., Girard av n Front, Phila., Pa.
Maryland Galvanizing Works, 250 W Lee, Balto., Md.
MILWAUKEE CORRUGATING CO., Milwaukee, Wis. (See adv. index, end of book)
Murphy, P. H. Mfg. Co., East St. Louis, Mo.
National Galvanizing Works, McKeesport, Pa.
National Galvanizing Tinning & Supply Co. (Galvanizing & Tinning of Every Description), 981 N Front, Phila., Pa.
New London Iron & Metal Co., New London, Conn.
Ohio Foundry Co., Cleveland, O.
Oliver, Wilbur C., Bath, Me.
Palmer & De Mooy Foundry Co., Leonard & Winter, Cleveland, O.
Penna. Galvanizing Co. (Ltd.), 2130 Race, Phila., Pa.
Phoenix Galvanizing Co., 6 Duquesne way, Pittsburg, Pa.
Pleuger & Henger Mfg. Co., 11th & Hebert, St. Louis, Mo.
Porter Metal Works, San Francisco, Cal.
Queen City Galvanizing Works, 1965 Central av, Cincinnati, O.
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book.)
Shepard, Sidney & Co., 21 Cliff, New York.
Simpson, W. T. & Co., 816 E Pearl, Cincinnati, O.
UNITED GALVANIZING CO., Inc. (All Kinds, for all purposes), 525 N Front, Phila., Pa. (See adv. below)
U. S. Electro-Galvanizing Co., 3 Park av, Brooklyn, N. Y.
Whiting, Wm. H. & Co., South & Pratt, Balto., Md.
White Mountain Freezer Co. (also Tinning), Nashua, N. H.
Wilcox, Crittenden & Co. (& Tinning), Middletown, Conn.
Woodman, Geo. Co., 41 Pearl, Boston, Mass.
WRIGHT WIRE CO., Worcester, Mass. (See adv. index, end of book)

GALVANIZED

BAR IRON, HOOP IRON, BAND IRON
SPIKES, NAILS, CHAIN, etc.

IN STOCK FOR IMMEDIATE SHIPMENT. SPECIAL ATTENTION TO JOBBING WORK

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OIL ENGINES
AUTO TRUCKS
GENERAL MACHINE

WORKS:
CORLISS STEAM ENGINE WORKS PROVIDENCE, R. I.
AMERICAN ORDNANCE WORKS BRIDGEPORT, CONN.
GREENE-WHEELOCK ENGINE WORKS WORCESTER, MASS.

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New York,N.Y.

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ENGINEERING BUILDING
114 LIBERTY STREET, NEW YORK.

March 11,1904.

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Gentlemen:-

The Schubert Bros.Gaar Co.,Oneida,N.Y.,write us asking names of parties from whom they can secure quotations on 800 bushels of common lima and 200 bushels of water lime and we have referred them to your Directory. We would suggest that you take up this matter with them.

Yours very truly,

THE ENGINEERING RECORD.
Edwin A. Hustfield

Galvano-Bronze Work

HECLA IRON WORKS, 118 N 11th, Brooklyn, N. Y. (See adv. index, end of book)
JACKSON, WM. H. CO., 29 E 17th (Union Square), N. Y. (See adv. index, end of book)
Schreiber, L. & Sons Co., 8th & Eggleston av, Cincinnati, O.

Galvanometers & Bridges

Biddle, Jas. G., Stephen Girard bldg, Phila., Pa.
Bunnell, J. H. & Co., 20 Park pl, New York
Foote, Pierson & Co. ("Delta"), 82 Fulton, New York
Gleeson, Thos. W., 106 Sudbury, Boston, Mass.
Keystone Electrical Instrument Co., 9th & Montgomery av, Phila., Pa.
Manufacturers & Inventors Electric Co., 84 Nassau, New York
Pearce, Frederick, 18 Rose, N. Y.
QUEEN & CO. (Inc.), 1010 Chestnut, Phila., Pa., & 59 5th av, New York (See adv. index, end of book)
Ritchie, E. S. & Sons, opp Brookline Hill Station, Boston, Mass.
Western Electric Co., 259 S Clinton, Chicago, & 57 Bethune, N. Y.
Weston Electrical Instrument Co., Waverly Park, N. J.
Whitney Electrical Instrument Co., Penacook, N. H.
Willyoung, Elmer G., 11 Frankfort, New York

Gang Rippers

American Woodworking Machine Co., 136 Liberty, New York; Williamsport, Pa., & 45 S Canal, Chicago, Ill.
FILER & STOWELL CO., Milwaukee, Wis. (See adv. index, end of book)
Garland, M. Co., Bay City, Mich.
Standard Saw Mill Machinery Co., Erie, Pa.
Union Iron Works, Bangor, Me.

Garbage Cans (Seamless Pressed Steel)

Pressed Steel Tank Co., Milwaukee, Wis.

Garbage Disposal Plants

(See also Sewage Disposal Plants.

American Reduction Co., 1942 Forbes, Pittsburg Pa.
American Sewage Disposal Co., 45 Milk, Boston, Mass.
Bridgeport Boiler Works, Bridgeport, Conn.
City Wastes Disposal Co., 156 5th av, N. Y.
Cragin, Morgan J. (Combined Garbage, Crematory & Hot Water Heater), 285 E 43d, Chicago, Ill.
Currier, Cyrus & Sons, Newark, N. J.
Davis Furnace Garbage Co., Lancaster, Pa.
Decarie Mfg. Co., 200 1st av, S. Minneapolis, Minn.
Dixon Garbage Crematory Co., Toledo, O.
Garrigues, W. E., 1123 B'way, N. Y.
Illinois Malleable Iron Co. ("Imico"), 30 W Monroe, Chicago, Ill.
Morse-Boulger Destructor Co., 39 Cortlandt, New York
Penna. Construction Co., Marietta, Pa.
Smidth, F. L. & Co. (Inc.), 39 Cortlandt, N. Y.
Walker, Robt. L., 15 Park row, N. Y.
Williams & Whitman, Whitehall bldg, New York

Gas Apparatus Builders

Bate, Wm. T. & Son, Conshohocken, Pa.
Heilman Boiler Works, Allentown, Pa.
Loomis-Pettibone Co., 52 B'way, N. Y.

Gas Engine Igniters

(See Igniters, Gas & Gasoline Engine.)

Gas Fixtures

(See Gas & Electric Fixtures)

Gas Fixtures (Wrought Iron)

BRADLEY & HUBBARD MFG. CO., Meriden, Conn. (See adv. index, end of book)
Denver Wire & Iron Works, 1401 Market, Denver, Col.
HECLA IRON WORKS, 118 N 11th, Brooklyn, N. Y. (See adv. index, end of book)
JACKSON, WM. H. CO., 29 E. 17th (Union Square), New York. (See adv. index, end of book)
Koehn, Alfred, 159 W 29th, New York
Rose & Hastie, 754 Lexington av., Brooklyn, N. Y.
TYLER, W. S. CO., 1150 St. Clair, Cleveland, O.; 11 B'way, New York, & Bessemer bldg, Pittsburg, Pa. (See adv. index, end of book)
Williams, Jno., 556 W 27th, N. Y.

Gas Fixtures & Supplies (Acetylene)

Daylight Acetylene Gas Co., Louisville, Ky.

Gas Holders

Bartlett, Hayward & Co., Continental Trust bldg, Baltimore, Md., & 100 B'way, N. Y.
Campbell, Wm. & Co., Cambridge, Mass.
Continental Iron Works, West & Calyer, Brooklyn, N. Y.
Davis & Farnum Mfg. Co., Waltham, Mass.
Deily & Fowler, 39 Laurel, Phila., Pa.
Dillon, D. M., Fitchburg, Mass.
Gas Machinery Co., Citizens' bldg, Cleveland, O
Hamler Boiler & Tank Co., 3906 S. Halsted, Chicago, Ill.
Heilman Boiler Works, Allentown, Pa.
Kerr-Murray Mfg. Co., Ft. Wayne, Ind.
Koven, L. O. & Bro., 50 Cliff, New York.
PETROLEUM IRON WORKS CO., Washington, Pa., & Faarmers' Bank bldg, Pittsburg, Pa. (See adv. index, end of book)
Riter-Conley Mfg. Co., Pittsburg, Pa., & 39 Cortlandt, N. Y.
Stacey Mfg. Co., 239 Mill, Cincinnati, O.
Turl's, John Sons (Inc.), 534 W 28th, N. Y.
Wood, R. D. & Co., 400 Chestnut, Phila, Pa.

Gas Lighters (Acetyene)

Electric Gas Lighting Co. (Electric Ignition Method), 115 Purchase, Boston, Mass.

Gas Lighters (Electric)

Bogart, A. L., 123 Liberty, New York City
Clark Bros., Belmont, N. Y.
Cleverly Electrical Works, 17 N 7th, Phila., Pa.
Marschall, A. Mfg. Co., Little Falls, N. Y.
Parke, Jno. Y. & Co., 728 Cherry, Phila., Pa.
Roche, Wm. ("Roche"), 42 Park pl., New York.

*Gas Logs

Crane, Wm. N. Co., 1133 B'way, New York
FRENCH, SAMUEL H. & CO., 4th & Callowhill, Philadelphia, Pa. (See adv. index, end of book)
Galloway, Wm., 32d & Walnut, Phila., Pa.
Superior Mfg. Co., Said & Magnolia, Allegheny, Pa.

Gas Machines

Bryan Mfg. Co., 1900 Fkd av, Baltimore, Md.
Clingman Gas Mach. Co., Dayton, O.
Coleman Gas Works Mfg. Co., 8th & Main, Cincinnati, O.
Detroit Heating & Lighting Co., 335 Wight, Detroit, Mich.
East, Iron & Machine Co., Lima, O.
Epworth Gas Light & Heating Co., Waterloo, Ia.
Gilbert & Parker Mfg. Co. ("Springfield"), Springfield, Mass., New York, Boston, Mass., and Phila., Pa.
Globe Light and Heat Co., ft of Orleans, Chicago, Ill.
Imperial Gas Machine Co., 32 Park pl, N. Y.
Incandescent Light & Stove Co., 420 E. Pearl, Cincinnati, O.
Kemp, C. M. Mfg. Co., 401 E. Oliver, Baltimore, Md.
Matthews Gas Machine Co., 40 Dearborn, Chicago, Ill.
National Light & Heating Co., Freeport, O.
Penna. Globe Gaslight Co., Broad & Arch, Philadelphia, Pa.
Stanley Gas Machine Co., 7 Sherman, Boston, Mass.
Tirrills Gas Machine Co., 441 B'way, N. Y.
Walworth Mfg. Co., 132 Federal, Boston, Mass.,

Gas Machines (Acetylene)

Abner Acetylene Gas Co., 36 Lasalle, Chicago, Ill.
Acetelyne Apparatus Mfg. Co. ("Pilot" & "Williams"), 157 Michigan av, Chicago, Ill.
Acetylene Gas Co., Real Estate Trust bldg, Philadelphia, Pa.
Acetylene Gas Illuminating Co., 105 Walker, New York
Acetylene Gas Machine Co., Bridgewater, Va.
Acetylene Gas Machine Improvement Co., Rahway, N. J.
Acetylene Generator & Mfg. Co. ("Abner") Wapakoneta, O.
Acetylene Lighting Co., Washington, D. C.
Acetylene Machine Mfg. Co., New Bedford, Mass.
Acetylene Mfg. Co., 38 Park Row, New York
Alexander Furnace & Mfg. Co., Lansing, Mich.
American Acetylene Lighting Co., Ltd., Battle Creek, Mich.
American Acetylene Stove Co., Masonic Temple, Minneapolis, Minn.
American Carbide Lamp Co., Philadelphia Bourse, Philadelphia, Pa.
Angell, E. R., Derry, N. H.
Aurora Acetylene Co., Chattanooga, Tenn.
Badger Brass Mfg. Co., Kenosha, Wis.
Baulieu & Carpenter, 153 John, Bridgeport, Conn.
Beaver Mfg. Co., Beaver, Pa.
Boonville Acetylene Generator Co., Boonville, N. Y.
Briscoe Mfg. Co., 1427 Woodward av, Detroit, Mich.
Bruce Generator Co., 187 W 3d, St. Paul, Minn.
Brunswick Acetylene Gas Co. ("Brunswick"), Brunswick, Me.
Bryan Mfg. Co., 210 N Liberty, Baltimore, Md.
Bullock Acetylene Gas Apparatus Co., 131 Euclid av, Cleveland, O.
Burns, A. J., Fairport, N. Y.
Calcium Carbide Export Co., 35 Nassau, N. Y.
Cap Sheaf Mfg. Co. (Ltd.), Battle Creek, Mich.
Central Acetylene Co. ("Eagle," Automatic), 715 Delaware, Kansas City, Mo.
Central Gas Fixture Co., 518 2d av, Minneapolis, Minn.
Charbeneau, J. C. & Son, Mt. Clemens, Mich.
Clayton & Lambert Mfg. Co., Detroit, Mich.
Clingman Gas Machine Co., 323 E 3d, Dayton, O.
Coleman Gas Works Mfg. Co., 8th & Main, Cincinnati, O.
Colt, J. B. Co., 21 Barclay, N. Y.
Commercial Acetylene Co., 80 Broadway, N. Y.
Daugherty-O'Herron Co., Princeton, Ind.
Davis Acetylene Co. (Carbide Feed), 18 E Adams, Chicago, Ill.
Davis, Augustine (Generator Built for the Trade), Elkhart, Ind.
Daylight Acetylene Gas Co., 126 2d, Louisville, Ky.
Detroit Galvanizing and Sheet Metal Works, Detroit, Mich.
Diamond Lighting & Heating Co., Atlantic, Ia.
Drake, W. H., 37 Hathaway, Cleveland, O.
Draper Mfg. & Gas Co., Dana, Ind.
Eagle Generator Co. ("Eagle," Automatic), 1530 Pine, St. Louis, Mo.
Economy Lighting Co., Cleveland, O.

Edwards, J. H., Oswego, Ill.
Egelhoff, F. L., Dubuque, Ia.
Eggerdinger, G. F. Tool Co., New London, O.
Elite Gas Generator Co., 8 N 16th, St. Louis, Mo.
Epworth Gas Light & Heating Co., Waterloo, Ia.
Federroll, Rudolph, 267 W 35th, N. Y.
Feuert & Martin, Marysville, O.
FOWLER ACETYLENE LIGHTING & Heating Co., 592 W. Lake, Chicago, Ill.
Gate City Gas Construction Co., Keokuk, Ia.
Gem City Acetylene Generator Co., Dayton, O.
General Acetylene Co. ("Bournonville"), 1123 Broadway, N. Y.
Giessel, Hy. & Co. ("Portable"), 215 Lake, Chicago, Ill.
Goss, A. L. & E. F., Lewiston, Me.
Greason Mfg. Co., 108 W 99th, N. Y.
Green, A. H., Hartford, Conn.
Hampton, O. H. & Son, Fountain City, Ind.
Hanford Acetylene Gas Machine Co., Richmond, Va.
Harris Mfg. Co., 40 Norman, Cleveland, O.
Heimbiecher, W. C. & Co., 36 Lasalle, Chicago, Ill.
Hill, Almon F. ("Whitelight"), Woodfords, Me.
Holmes-Bailey Acetylene Co., Manton, Mich.
Holt Bros. & Rose, Syracuse, N. Y.
Hoyt, H. W. Co., Danbury, Conn.
Hull Bros. & Co., Danbury, Conn.
Hunter's Acetylene Gas Co., Chicago, Ill.
Iden & Co., 40 University Pl, N. Y.
International Heat & Light Co., 113 10th, Kansas City, Mo.
International Heater Co. ("Drake"), Utica, N. Y.; 237 Water, N. Y.; Chelsea, Mass., & 48 Dearborn, Chicago, Ill.
Jenks & Son, Prairie City, Ia.
Johnson Acetylene Gas Co., Waveland, Ind.
Johnson, H. F., Waveland, Ind.
Karst & Breher, 187 W 3d, St. Paul, Minn.
Kemp, C. & M. Mfg. Co., 401 E Oliver, Baltimore, Md.
Kemp Mfg. Co., Plainfield, Ind.
Kinnear Mfg. Co. (Ltd.), Warren, Pa.
King, C. A., Norwich, N. Y.
King & Dunn, Taunton, Mass.
Kracke & Flanders, 640 Gravier, New Orleans, La.
Lancaster, Jas. H., 114 Liberty, N. Y.
Laun Bros., Chicago, Ill.
Laudenschlager, W. F., New Ulm, Minn.
Leckband Generator Co., Des Moines, Ia.
Lewis, Geo., Machine Mfg. Co., Ft. Worth, Tex.
Lynch, G. R. Mfg. Co. ("Aurora"), Chattanooga, Tenn.
MacLeod, Walter & Co., 463 E. Front, Cincinnati, O.
MARINE ENGINE & MACHINE CO. Main Office. 1123 Broadway, N. Y. Works, Harrison, N. J. (See adv. index, end of book.)
Monarch Acetylene Gas Co., 1022 Douglas, Omaha, Neb.
Monroe Foundry Furnace Co., Monroe, Mich.
National Light & Heating Co., Freeport, O.
New England Acetylene Mfg. Co., New Bedford, Mass.
New England Mfg. Co., 59 Clark, Chicago, Ill.
New York Carbide Gas Generator Co., 13 Park Row, N. Y.
New York Estimating Engineering & Contracting Co., 133 W 38th, New York
Niagara Falls Acetylene Gas Generator Co., Niagara Falls, N. Y.
Norwalk Foundry & Machine Co., Norwalk, O.
Ohio Pump & Brass Co., Oak & 18th, Columbus, O.
Owens, Geo. F., 71 N Market, Grand Rapids, Mich.
Pacific Acetylene Gas Co., 115 Montgomery, San Francisco, Cal.
Perfect Gas Machine Co., Rouse Point, N. Y.
Phinney, W. B., Lynn, Mass.
Polachek, Chas. & Bro., 429 Chestnut, Milwaukee, Wis.
Power Specialty Co., 126 Liberty, N. Y.
Preussel, F. W., Mt. Clemens, Mich.
Ransom Gas Machine Co., 372 E Water, Milwaukee, Wis.
Rex Acetylene Generator Co., Binghamton, N. Y.
Rush Acetylene Generator Co., Canandaigua, N. Y.
Searchlight Acetylene Gas Machine Co., Wilkesbarre, Pa.
Sober, C. K., & Porter, Lewisburg, Pa.
Solar Gas Co., 18 W Missouri av, Kansas City, Mo.
Standard Acetylene Lighting Co., 174 State, Springfield, Mass.
Standard Gas Machine Co., Memphis, Tenn.
Starr Acetylene Gas Burner Co., Chattanooga, Tenn.
Stover, Frank E., Luray, Va.
Sunlight By Night Acetylene Gas Co., 911 Walnut, Philadelphia, Pa.
Sunlight Gas Co., Morrisville, Vt.
Sunlight Gas Machine Co. ("Omega"), 261 Broadway, N. Y.
Swem Gas Light Mfg. Co., Waterloo, Ia.
Tallmage, Jas. W., 180 Wash'n, Boston, Mass.
Thurnauer, G. M. & Bro., 35 Park Pl, N. Y.
Tirrill Gas Machine & Lighting Co., 441 B'way, New York
Turner Machine Co., 136 Liberty, N. Y.
Turner, W. W. & Co., 38 La Salle, Chicago
Union Carbide Co., 157 Michigan av, Chicago, Ill.
Union Light & Heat Co., 2321 W 8th, Cincinnati, O.
U. S. Acetylene Liquefaction Co., 140 B'way, N. Y.
Venus Acetylene Light & Power Co., Joliet, Ill.
Victoria Mfg. Co., Auburn, Me.
Wilson, F., Cortez & Co. ("Acetogen"), 239 Lake, Chicago, Ill.
York Acetylene Gaslight Co., York, Pa.

Gas Machines (Gasoline)

Incandescent Light & Stove Co., 420 E. Pearl, Cincinnati, O.
Johnson Service Co. ("Gasoleum" for Lighting, Cooking & Power), Milwaukee, Wis., (For Branch Offices, See Regulators, Heat.)
Michigan Brick & Tile Machine Co. (Gas Generators), Morenci, Mich.

Gas Machines (Naphtha Gas)

American Gas & Furnace Co., Elizabeth, N. J., & 23 John, N. Y.

Gas Plants Installed (for Cities)

Acetylene Apparatus Mfg. Co. (Acetylene), 247 2d av, S. Minneapolis, Minn.
Acetylene Generator & Mfg. Co. (Acetylene), Wapakoneta, O.
Davis, Augustine (Acetylene), Elkhart, Ind.
National Gas & Construction Co., Fidelity bldg, Phila., Pa.
United Gas Improvement Co., Broad c Arch, Phila., Pa.
Wayne Engineering & Construction Co., Ft. Wayne, Ind.
Western Gas Construction Co., Ft. Wayne, Ind.

Gas Producers & Furnaces

American Furnace & Machine Co., Publication bldg, Pittsburg, Pa.
American Producers' Gas Furnace Co., Salem, N. J.
Baltimore Gas Machinery Co., 14 W Lexington, Baltimore, Md.
Broomell, Schmidt, Steacy & Co. (Inc.), York, Pa.
Duff Patents Co., Frick bldg, Pittsburg, Pa.
Fosrter-Miller Engineering Co., Westinghouse bldg, Pittsburg, Pa.
Morgan Construction Co., Worcester, Mass.
PETROLEUM IRON WORKS CO., Washington, Pa., & Farmers' Bank bldg, Pittsburg, Pa. (See adv. index, end of book)
Phila Roll & Machine Co., S 23d & Wash'n av, Phila., Pa.
Power & Mining Machinery Co. (Loomis-Pettibone Gas Apparatus for Power Plants and Metallurgical), 52 William, New York; Works, Cudahy, Wis.
Smythe, S. R. Co., House bldg, Pittsburg, Pa.
Swindell, Wm. & Bros., German Nat'l Bank bldg, Pittsburg, Pa.
Wellman-Seaver-Morgan Co. ("Frazer-Talbot" Mechanical), Cleveland, O., & Ackron, O.
Wood, R. D. & Co., 400 Chestnut, Phila., Pa.

Gas Ranges

(See Ranges, Gas.)

Gas Retorts

Baltimore Retort & Fire Brick Co., Nicholson c Hull, Locust Point, Baltimore, Md.
BORGNER, CYRUS CO., 23d ab Race, Phila, Pa.
BOSTON FIRE BRICK CO. (Geo. M. Fiske, Mngr.), 161 Devonshire, Boston, Mass. (See adv. index, end of book)
Brooklyn Fire Brick Works, 88 Van Dyke, Brooklyn, N. Y.
Chicago Retort & Fire Brick Co., 45th & Clark, Chicago, Ill.
Gardner, Jas., Jr. Co., Lewis blk., Pittsburg, Pa. Works, Lockport Station, Pa.
Gautier, J. H. Co., Greene & Essex, Jersey City, N. J.
KREISCHER BRICK MFG. CO., 119 E. 23d, N. Y.; Works Kreischerville, S. I., N. Y. (See adv. index end of book)
Laclede Fire Brick Mfg/ Co., Manchester and Sulphur avs., St. Louis, Mo.
Louisville Fire Brick Works, Highland Park, Louisville, Ky.
MAURER, HENRY & SON, 420 E 23d, N. Y., Penn bldg, Phila., Pa. Works, Maurer, N. J. (See adv, front inside cover)
Parker-Russell Mining & Mfg. Co., 417 Pine,
Phila. Fire Brick & Clay Retort Works, 2300 Vine, Phila., Pa.
Weber's Adam Sons, 15 Park Row, N. Y.

Gas Retorts (Cast Iron)

Cornell, J. B. & J. M. Co., 26th & 11th av, N. Y.

Gas Tips (Lava)

American Meter Co., 561 W. 47th, New York, 22d & Arch, Phila., & 99 S. Jefferson, Chicago, Ill.
Cahutta Talc Co., Sping place, Go.
Crescent Novelty Mfg. Co. ("E. H." Coal Gas), Chattanooga, Tenn.
North Carolina Talc & Mining Co., Hewitt, N. C.
Steward, D. M., Mfg. Co. ("E. H."), Chattanooga, Tenn.

Gas Works Apparatus & Construction.

American Coke & Gas Construction Co., Camden, N. J.
Bartlett, Hayward & Co. (Coal & Water Gas), Baltimore, Md.
Beacon Contracting & Construction Co., 280 Broadway, N. Y.
Connolly Iron Sponge & Governor Co., 395 Broadway, N. Y.
Continental Iron Works, West & Calyer, Brooklyn, N. Y.
Dilley & Fowler, 39 Laurel, Philadelphia, Pa.
Gas Machinery Co., Citizens bldg, Cleveland, O.
Isbell-Porter Co., 7 Nassau, N. Y.
Kerr Murray Mfg. Co., Fort Wayne, Ind.
Lloyd Construction Co., Detroit, Mich.
National Gas & Construction Co., Fidelity bldg, Philadelphia, Pa.
Riter-Conley Mfg. Co., Pittsburg, Pa., & 39 Cortlandt, N. Y.
Stacey Mfg. Co., 239 Mill, Cincinnati, O.
State Construction Co. (Construction only), Land Title bldg, Phila., Pa.
United Gas Improvement Co., Broad & Arch, Philadelphia, Pa.
Wayne Engineering & Construction Co., Fort Wayne, Ind.
Western Construction Co., Sioux City, Ia.
Western Gas Construction Co., Ft. Wayne, Ind.
Wood, R. D. & Co., 400 Chestnut, Philadelphia, Pa.

Gas & Electric Fixtures (Mfrs. & Wholesalers)

CALIFORNIA.

LOS ANGELES—Los Angeles Gas & Electric Fixture Mfg. Co.
SAN FRANCISCO—Burtschaell, Jno. W., 316 Post
California Gas Fixture Co., 519 Mission.
Day, Thomas Co., 725 Mission.
Ickelheimer Bros., 20 Geary

COLORADO.

DENVER—Sechrist, Albert Mfg. Co., 1033 16th

CONNECTICUT.

MERIDEN—**BRADLEY & HUBBARD** Mfg. Co. (See adv. index, end of book)

ILLINOIS.

CHICAGO—Acme Metal Mfg. Co., 47 S Canal
Beardslee Chandelier Mfg. Co., 253 S Canal
Braun, David J. Mfg. Co., 135 W Washington
Chicago Gas & Electric Fixture Mfg. Co., 19 S Jefferson
Chicago General Fixture Co., 169 Adams
Corday, Jas. & Co., 86 Wabash av
Edwards, W. S. Mfg. Co., 21 E Lake
Franklin, Philip, 418 Wabash av
Hine-Watt Mfg. Co., 60 Wabash av
Lake View Gas Fixture Co., 233 Lincoln av
Lau, W. H., Pullman bldg
Moran & Hastings Mfg. Co., 61 Washington
Oefinger, J. L. & Co., 16 N Canal
Overbagh & Ayres Mfg. Co., 152 5th av
Pattison, J. L. & Co., 297 Wabash av
Reinach & Binder, 916 Belmont av
Williamson, R. & Co., 54 E Lake
Wilmarth, T. W. Co., 261 Wabash av
Wingrave & McNaughton Co., 180 Wabash av

INDIANA.

RICHMOND—Chandelier & Art Brass Woorks.

MARYLAND.

BALTIMORE—Davidson, C. Y. Co., 5 N. Liberty
Kries, Michael A., 305 W Lombard
Mylander, A. C. & Bro., 110 N Liberty
Oxley-Enos Co., 519 N. Charles
*Schultz, A. & Co., 1016 E Baltimore
Walther, Geo. W. & Co., 208 W Fayette

MASSACHUSETTS.

BOSTON—Berne, H. N. & Co., 55 Sudbury
Bigelow, Kennard & Co., 511 Wash'n
Boston Electric Co., 29 Harrison av (ext.)
Craig, D. R., 44 Summer
Hollings, R. & Co., 39 Bedford.
Ireland, R. D. & Co., 246 Boylston
McKenney, C. H. & Co., 634 Washington
McKenney & Waterbury Co., 181 Franklin
Tarbell, E. H. Co., 15 Washington

MISSOURI.

KANSAS CITY—Western Gas Fixture Co., 651 Kansas av
ST. LOUIS—Adam, Frank Electric Co., 904 Pine
Backus Gas Heater & Fixture Co., 1011 Olive
Belle-Hickey Mfg. Co., 9th c Lucas av
Bredsvold Mfg. Co., 305 Lucas av
Enterprise Gas & Electric Fixture & Brass Co., 1120 Pine
Kraushaar Brass Mfg. Co., 2507 N. B'way
Sellner Gas & Electric Fixture Mfg. Co., 703 Locust
Siegel, A., & Sons., 313 N. 11th

NEW JERSEY.

BOUND BROOK—Standard Gas Fixture Co.
BRIDGETON—Acme Gas Fixture Co.
Crescent Gas Fixture & Art Metal Co.
NEWARK—Albo Carbon Light Co., 354 Plane
Brooklyn Gas Fixture Co., 34 Mechanic
Storsberg, Fritz, 20 Atlantic
PATERSON—Strutt, Wm., 349 Main
TRENTON—American Lamp & Brass Co., Mulberry & Canal

NEW YORK

BUFFALO—Buffalo Gas Fixture Co., 19 Palace Arcade
Sterns, J. C. & Co., 255 Pearl
COHOES—Clute Bros.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Baldinger & Kupferman, 435 B'way
Findlay, Robt., Mfg. Co.,349 Adams
Gaites, Peace & Co., 22 Clay
Luckett, Fred'k, 30 Boerum pl.
Nichols Fixture Mfg. Co., 56 Boerum
Royle, Chas.,124 B'way
Staines, Bunn & Taber Co., 147 Lawrence.
Vosburgh, W. C. Mfg. Co., 269 State
Walbroehl & Co., 352 Knickerbocker av

Boroughs of Manhattan & Bronx

NEW YORK—Black & Boyd Mfg. Co., 23 E. 23d
Blanchard & Kelly, 157 E. 128th
BRADLEY & HUBBARD, 21 Barclay. (See adv. index, end of book)
Bushmiller, Siegfried, 92 Lincoln av
Caldwell, Edw. F. & Co., 48 W 15th
Cassidy & Son Mfg. Co., 135 W 23d
Enos Co., 7th av. & 16th st
Gleason, E. P. Mfg. Co., 20 W Houston
Goetz Mfg. Co., 251 3d av
Iden & Co., 46 University pl
Landesburg, Jacob, 194 Lewis
McCoy, J. B. & Co., 126 W 33d
Mitchell-Vance Co., 836 Broadway
Pellegrini, A. & Co., 161 W 29th
Plaut, L. & Co. (for the trade only), 432 E 23d
Roeser & Sommer, 386 2d av
Shapiro & Aronson, 67 Centre
U. S. Gas Fixture Co., 205 Centre
Williams, Jno., 556 W 27th

(END OF NEW YORK CITY)

ROCHESTER—Smith, F. A. Mfg. Co (Gas), 46 Stone
UTICA—Blasier, M. E. & Co.
Utica Fixture Co.

OHIO.

CINCINNATI—Peoples' Gas & Fixture Co., 523 Main
Young, C. J. & Son, 426 Plum
CLEVELAND—Gas Fixture & Brass Co., 104 Sheriff
Gas Fixture & Brass Co., 104 Sheriff
Morreau Gas Fixture Mfg. Co., 347 Erie
Selzer, C. A., Euclid av & Erie
TOLEDO—Western Gas Fixture Co., 611 St. Clair

PENNSYLVANIA.

PHILADELPHIA—American Gas Fixture Works, 208 N Broad
Bauer Gas Fixture Works (inc.), (wholesale only), 450 N 12th
Brown, Frank P., 45 N 6th
De Kosenko Mfg. Co., 1916 Spring Garden
Gaumer, J. L. Co., 19th & Hamilton
Gibson Gas Fixture Works, 1426 Callowhill
Giese & Goodyear Co., 260 S 5th
Heller, C. B., 107 N 5th
Horn & Brannen Mfg. Co., Inc., 427 N Broad
Kettmann & Roemer, N Front & Laurel
Lawrence Gas Fixture Mfg. Co., 12th and Cherry
Penna. Gas Fixture Co., 1824 Cadwallader
Reliance Mfg. Co., 104 N 6th
Shaw, Geo. W. & Co., 1020 Walnut
Sulzer & Co., 821 Cherry
Thackara Mfg. Co., 1606 Chestnut
PITTSBURG—Lumley, Wilfrid, Hamilton av c Murtlandt
Mattern & Findley Mfg. Co., 513 Wood
Ransom & Harrison, 5929 Baum
Reineke-Wilson Co., 13 Wood
Thompson & Co., 5939 Baum
Weldon-Kelly Co., 305 Wood
READING—National Brass & Iron Works

RHODE ISLAND.

PROVIDENCE—Carpenter, H. T. & Co., 34 Garnet
Shirley, Jno. R. & Sons, 262 Weybosset

WISCONSIN.

MILWAUKEE—Polachek, Chas. & Bros. Co.

Gas & Electric Light Portables.

BRADLEY & HUBBARD MFG. CO., Meriden, Conn. (See adv. index, end of book)
Goodwin & Kintz Co. (Gas), Winsted, Conn.
Moore, M. E. Bronze & Plate Co., Kingston, N. Y.
Plume & Atwood Mfg. Co., Waterbury, Conn., New York & Chicago

Gas & Gasolene Engines.

(See Engines, Gas & Gasoline.)

Gas & Electric Light Reading Lamps

BRADLEY & HUBBARD MFG. CO., Meriden, Conn. (See adv. index, end of book)

Gas & Water Works Supplies.

Bailey-Farrell Mfg. Co., 3d av & Ross, Pittsburg, Pa.
Barnes Mfg. Co., Mansfield, O.
Clow, Jas. B. & Sons, 344 Franklin, Chicago, Ill.
CRANE CO., Est. 1855, Chicago, New York, Philadelphia, St. Louis, Kansas City, Sioux City, Omaha, Los Angeles, San Francisco, Portland, Oregon, Salt Lake City, Utah, Seattle, Wash., and Spokane, Wash. (See adv. index, end of book)
Drummond, M. J. & Co., 182 B'way, New York
Fitts, Frank E. Mfg. Co. & Supply Co., 88 Purchase, Boston, Mass.
Fox, Jno. & Co. (Mfrs. Agts.), 253 B'way, New
Gilchrist, Geo. E. Co., 106 High, Boston, Mass.
Hawkins, F. B. Co., Long Island City, N. Y.
Hoey, Thos. Supply & Mfg. Co., 401 Atlantic av, Boston, Mass.
Illinois Malleable Iron Co., 30 W. Monroe, Chicago, Ill.
Kelly & Jones Co., 135 Water, Pittsburg, Pa.
59 Clark, Chicago, Ill., & 15 Park row, New York. Works, Greensburg, Pa.
Millar, Chas. & Son Co., 127 Genessee, Utica, N. Y.
Moser Mfg. Co., Dallas, Tex.
SIMMONS, JOHN CO., 110 Centre, N. Y.
Roots, P. H. & F. M. Co., Connersville, Ind., & 120 Liberty, New York
Smith, A. P. Mfg. Co., Newark, N. J.
Walworth Mfg. Co., 132 Federal, Boston, Mass.,
Western Iron Works, San Francisco, Cal.

Gaskets

American Supply Co. (Metallic), Betz bldg, Phila., Pa.
American Vulcanized Fibre Co., Wilmington, Del.
Boston Belting Co. (Rubber), Boston, Mass.; 100 Reade, New York

Boston Woven Hose & Rubber Co. (Rubber), Executive Office and Factory, Cambridgeport, Mass.; Stores, 176 Duane, New York, 185 Lake, Chicago, Ill.; Cleveland, O.; San Francisco, Cal., & Boston, Mass.
Brandt, Randolph (Triple Expansion for Boiler Works), 38 Cortlandt, New York
Canfield, H. O. (Rubber, Boiler), Bridgeport, Conn.
Continental Rubber Works (Rubber), Erie, Pa.
Crescent Belting & Packing Co., Trenton, N. J.
Delaney, H. J. & Co., 45 3d, Milwaukee, Wis.
Delaware Hard Fibre Co. (Oil Proof), Wilmington, Del.
Diamond Rubber Co., Akron, O.
Empire Rubber Mfg. Co., Trenton, N. J., & 60 Reade, New York
Goodrich, B. F. Co., Akron, O.; 66 Reade, New York; 141 Lake, Chicago
Guillot Metal Gasket Co. (Metal), 84 Market, Chicago, Ill.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York; 98 Lake, Chicago; 71 Pearl, Boston, & 32 Fremont, San Francisco, Cal.
Hamilton Rubber Mfg. Co., Trenton, N. J.
Hartford Rubber Works Co. (Rubber), Hartford, Conn., & 136 Lake, Chicago, Ill.
Hodgman Rubber Co., 806 B'way, New York
Home Rubber Co., Trenton, N. J.; 17 Lasalle, Chicago, Ill.
Illinois Car & Equipment Co. (Car), Old Colony bldg, Chicago, Ill.
International Automobile & Vehicle Tire Co. (Rubber), Milltown, N. J.; 346 B'way, N. Y., & Chicago, Ill.
Kartavert Mfg. Co. (Fibre), Maryland av & Beach, Wilmington, Del.
Knowlton, Geo. W. Rubber Co. (Hub Moulded & Moulded Wire), 33 Broad, Boston, Mass.
Libby Mfg. Co., 147 Variek, New York
McCord & Co. (The "McKim" Rubber Encased in Copper), 24 Broad, N. Y., & 84 Van Buren, Chicago
Manhattan Rubber Co., 18 Vesey, New York, & 103 Lake, Chicago
Mechanical Rubber Co (Rubber), 253 B'way, New York, 230 Randolph, Chicago, Ill., & Cleveland, O.
Merwarth Metallic Gasket Co. (Metallic), 32 B'way, N. Y., & S. Bethlehem, Pa.
Metropolitan Rubber Co., 114 Bleecker, N. Y.
Mineralized Rubber Co., 18 Cliff, New York
Morgan & Wright, Inc. (Rubber), 19 N May, Chicago, Ill.
National India Rubber Co., Bristol, R. I.; 253 B'way, N. Y., & Providence, R. I.
New Jersey Car Spring & Rubber Co., Jersey City, N. J.
New York Belting & Packing Co. (Ltd.), 91 Chambers, New York; Baltimore, Md.; Philadelphia, Pa.; Chicago, Ill.; Boston, Mass., & San Francisco, Cal.
New York Rubber Co., 84 Reade, New York
Peerless Rubber Mfg. Co. (Rubber), 16 Warren, New York
Pulver, Peter & Sons (Eclipse), 214 Franklin, New York
Republic Rubber Co. (Rubber), Youngstown, O.
Revere Rubber Co. (Rubber), 63 Franklin, Boston, Mass.; 59 Reade, New York; Drexel bldg, Philadelphia, Pa.; 2 Wood, Pittsburg, Pa.; 38 S Canal, Chicago, Ill.; New Orleans, La., & 527 Market, San Francisco, Cal.
Sherman, H. B. Mfg. Co. (Rubber), Battle Creek, Mich.
Stokes, Jos. Rubber Co., Trenton, N. J.
Trenton Rubber Mfg. Co., Trenton, N. J.
U. S. Indistructible Gasket Co., 8 S William, New York
U. S. MINERAL WOOL CO. (Corrugated Copper), 143 Liberty, New York, & Netcong, N. J. (See adv. index, end of book.)
United & Globe Rubber Mfg. Co., Trenton, N. J., & 26 B'way, N. Y.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J., & 150 Nassau, N. Y.
Walsh Packing Co. (Combination), 1118 S 7th, Philadelphia
Waterbury Rubber Mfg. Co. (Rubber), 49 Warren, N. Y.
WATSON, H. F. CO., Erie, Pa.; 12 S Clinton, Chicago, & 235 Congress, Boston, Mass. (See adv. index, end of book)
WHITMAN & BARNES MFG CO. (Rubber), West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)
Windsor Mfg. Co., 570 Clinton, Milwaukee, Wis.

Gaskets (Copper)

Kinsman Electric & Railway Supply Co., 91 Liberty, N. Y.
McCord & Co., 24 Broad, New York, & 84 Van Buren, Chicago, Ill.
Taunton Locomotive Mfg. Co. (Corrugated), Taunton, Mass.
U. S. MINERAL WOOL CO. (Corrugated), 143 Liberty, N. Y. (See adv. index, end of book)

Gaskets (Corrugated Copper)

HUNGERFORD, U. T. BRASS & COPPER Co., 407 Pearl, New York

Gasoline Refiners.

American Oil Works (Ltd.), Titusville, Pa.
Independent Refining Co., Oil City, Pa.
Merchants' Refining Co., Buffalo, N. Y.
Miller's, A. D. Sons Co., Allegheny, Pa.
Paragon Refining Co., Toledo, O.
Penna. Refining Co., Oil City, Pa.
Red "C" Oil Mfg. Co., Baltimore, Md.
Sunlight Oil & Gasoline Co., 217 Arch, Philadelphia, Pa.
Willock, S. M., Pittsburg, Pa.

*Gate Mfrs. (Folding)

PITT, WM. R. COMPOSITE IRON WORKS ("Pitt," "Bostwick," "Novelty" & "Composite" Patents), 111 5th av, N. Y. (See adv. index, end of book)

Gates (Automatic Drive)

INTERNATIONAL FENCE & FIRE-proofing Co. ("Byerly"), Buttles av, Columbus, O. (See adv. index, end of book)

Gates (Blast)

American Blower Co., 1400 Russell, Detroit, Mich.; 1550 Marquette building, Chicago; 141 Broadway, New York, & 70 Grace Church st, E S, London, Eng.
Bayley, Wm. & Sons Co., 732 Greenbush, Milwaukee, Wis.
STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S. Clinton, Chicago; 135 N 3d, Philadelphia, Pa.; 131 Liberty, New York, & 147 Queen Victoria st, London, England. ((See adv. index, end of book)

Gates (Bridge)

BUDA FOUNDRY & MFG. CO., Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
PITT, WM. R. COMPOSITE IRON WORKS ("Pitt," Patent Folding), 111 5th av, N. Y. (See adv. index, end of book)

Gates (Bronze)

BRADLEY & HUBBARD MFG. CO., Meriden, Conn. (See adv. index, end of book)
BURKHARDT, JOHN, 614 W 55th, N. Y. (See adv. index, end of book)
CABARET, PAUL E. & CO., 342 W 14th, New York. (See adv. index, end of book)
Gaumer, John L. & Co., 19th & Hamilton, Philadelphia, Pa.
GORHAM MFG. CO., B'way & 19th New York. (See adv. front stencil)
HECLA IRON WORKS, 118 N 11th, Brooklyn, N. Y. (See adv. index, end of book.)
JACKSON, WM. H. CO., 29 E. 17th (Union sq), N. Y. (See adv. index, end of book.)
Manhattan Brass Co., 334 E 28th, New York
Mott, J. L. Iron Works, 84 Beekman, New York; Boston, Philadelphia & Chicago
Phoenix Steel Construction Co, Penn av & 3d, Pittsburg, Pa.
PITT, WM. R. COMPOSITE IRON WORKS, 111 5th av, N. Y. (See adv. index, end of book)
RICHEY, BROWNE & DONALD, Maspeth, Borough of Queens, N. Y. City. (See adv. index, end of book)
Schreiber, L. & Sons Co., 8th & Eggleston av, Cincinnati, O.
SNEAD & CO. IRON WORKS, Jersey City, N. J. (See adv. index, end of book)
TYLER, W. S. & CO., 1150 St. Clair, Cleveland, O.; 11 B'way, N. Y., & Bessemer bldg, Jittsburg, Pa. (See adv. index, end of book)
Union Equipment & Bronze Co., 514 W 36th, New York
Williams, John, 556 W 27th, New York
WINSLOW BROS. COMPANY, Main office & works, 368 Carroll av, Chicago; Colonial Trust bldg., St. Louis, Mo.; 326 4th av, Pittsburg; Hennen bldg, New Orleans, La.; 160 5th av, N. Y.; 121 New Montgomery, San Francisco, & Andrus bldg, Minneapolis, Minn. (See adv. index, end of book)

Gates (Driveway & Entrance)

Belmont Iron Works, 22d & Wash'n av, Phila., Pa.
CHAMPION IRON CO., KENTON, O. (See adv. index, end of book)
JACKSON, WM. H. CO., 29 E. 17th (Union sq), N. Y. (See adv. index, end of book.)
PITT, WM. R. COMPOSITE IRON WORKS, 111 5th av, New York. (See adv index, end of book)
Remppis, Wm. F. Co., Reading, Pa., & Witherspoon bldg, Philadelphia, Pa.
TAYLOR & DEAN, 205 Market, Pittsburg, Pa. (See adv. index, end of book)
WRIGHT WIRE CO., Worcester, (See adv. index, end of book)

Gates (Farm)

INTERNATIONAL FENCE & FIRE-profing Co., Buttles av, Columbus, O. (See adv. index, end of book)
Kokomo Fence Machine Co., Kokomo, Ind.

Gates (Ferry Boat)

PITT, WM. R. COMPOSITE IRON WORKS ("Pitt," Patent Folding), 111 5th av, N. Y. (See adv. index, end of book)

Gates (Folding)

Anderson, Henry C. (Steel), 414 Bleecker, N. Y.
Bataille, Achille & Co., 587 Hudson, New York
Belmont Iron Works (Steel), 22d & Wash'n av, Phila., Pa.
California Artistic Metal & Wire Co. 539 Mission, San Francisco, Cal.
MERRITT & CO., 1024 Ridge av, Philadelphia, Pa. (See adv. index, end of book)
PITT, WM. R. COMPOSITE IRON WORKS ("Pitt-Bostwick"), 111 5th av, N. Y. (See adv. index, end of book)
REMPPIS, WM. F. CO., Reading, Pa., Witherspoon bldg, Phila., Pa. (See adv. index, end of book)
Schreiber, L. & Sons Co., 8th & Eggleston av, Cincinnati, O.
Stewart Iron Wks. ("Bostwick"), 714 E 3d, Cincinnati, O.
WRIGHT WIRE CO., Worcester, Mass. (See adv. index, end of book)

Gates, Molasses

Cheney, S. & Son, Manlius, N. Y.
Enterprise Mfg. Co., 3d & Dauphin, Phila., Pa.
Weller Hdw. & Foundry Co., Horseheads, N. Y.

Gates (Ore Bin)

Allis-Chalmers Co., Office, Home Ins bldg, Chicago. Works, Chicago, Milwaukee & Scranton, Pa.
MINNEAPOLIS STEEL & MACHINERY CO., Minneapolis, Minn. (See adv. index, end of book)

Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
Union Iron Works, San Francisco, Cal.
Wellman-Seaver-Morgan Co. ("Seaver"), Cleveland, O., & Akron, O.

Gates (Ornamental Iron)

AJAX IRON & WIRE CO., 75 York, Brooklyn, N. Y.
Anchor Post Iron Works ("Entrance Gates"), 15 Cortlandt, N. Y.
Atlanta Wire & Iron Works Co., 64 N. Broad, Atlanta, Ga.
Barnum, E. T. Wire & Iron Works, Detroit, Mich.
Belmont Iron Works, 2215 Wash'n av, Phila., Pa.
Booth, John, 14 N Canal, Chicago, Ill.
BRADLEY & HUBBARD MFG. CO., Meriden, Conn. (See adv. index, end of book)
BURKHARDT, JOHN, 614 W 55th, N. Y. (See adv. index, end of book)
CARPENTER, F. E. CO., 7-9 Warren, N. Y. (See adv. index, end of book)
CHAMPION IRON CO., Kenton, O. (See adv. index, end of book)
CHESAPEAKE IRON WORKS, Severn & Bayard, Baltimore, Md. (See adv. index, end of book)
CHICAGO ORNAMENTAL IRON CO., 37th & Stewart av, Chicago. (See adv. index, end of book)
Cornell, J. B. & J. M. Co., 26th & 11th av, N. Y.
Creswell, Samuel J. Iron Works, 23d & Cherry, Philadelphia, Pa.
Gaumer, John L. Co., 19th & Hamilton, Philadelphia, Pa.
Grote Mfg. Co. (Park, Cemetery, etc.), Evansville, Ind.
HECLA IRON WORKS, 118 N 11th, Brooklyn, N. Y. (See adv. end of book)
HICKEY, M. H. WIRE & IRON Works, 54 Dearborn, Chicago. (See adv. index, end of book)
JACKSON, WM. H. CO., 29 E. 17th Union sq), N. Y. (See adv. index, end of book)
Kleeman, Trotter & Co., 1327 Main, Kansas
Koehn, Alfred, 159 W. 29th, N. Y. City. Mo.
McKinney, Jas. & Son, 925 B'way, Albany, N. Y.
MERRITT & CO., 1024 Ridge av, Philadelphia, Pa. (See adv. index, end of book)
Midland Metal Co. (Inc.), 1427 Catherine, Phila., Pa.
Mott, J. L. Iron Works, 84 Beekman, New York; Boston, Philadelphia & Chicago
Ohio Structural Iron Co., Sandusky, O.
Phoenix Steel Construction Co., Penn av & 3d, Pittsburg, Pa.
PITT, WM. R. COMPOSITE IRON WORKS, 111 5th av, New York. (See adv index, end of book)
Prince & Kinkel Iron Works, 553 W 33d, N. Y.
REMPPIS, WM. F. CO., Reading, Pa., & Witherspoon bldg, Philadelphia, Pa. (See adv. index, end of book)
Rogers Iron Co., Springfield, O.
Schreiber, L. & Sons Co., 8th & Eggleston av, Cincinnati, O.
SMITH, F. P. WIRE & IRON WORKS. 100 Lake, Chicago, Ill. (See adv. index, end of book)
SNEAD & CO. IRON WORKS, Jersey City, N. J. (See adv. index, end of book)
STANDARD CO., W. 15th & Laflin, Chicago, Ill. (See adv. index, end of book)
Stewart Iron Works, Cincinnati, O.
TAYLOR & DEAN, 205 Market, Pitts- burg, Pa. (See adv. index, end of book)
TYLER, W. S. CO., 1150 St. Clair, Cleveland, O.; 11 B'way, N. Y.; Bessemer bldg, Pittsburg, Pa. (See adv. index, end of book)
Union Iron & Foundry Co., 1458 S 2d, St. Louis, Mo.
Van Dorn Iron Works Co., Cleveland, O.
Vilsack, Martin Co., Pittsburg, Pa.
VULCAN CO., Detroit, Mich. (See adv. index, end of book)
Wayne Iron Works (Inc.), Arcade bldg, Philadelphia, Pa.
Williams, John, 556 W 27th, New York
WINSLOW BROS. COMPANY, Main office and works, 368 Carroll av, Chicago; Colonial Trust bldg., St. Louis, Mo.; 326 4th av, Pittsburg; Hennen bldg, New Orleans, La.; 160 5th av, N. Y.; 121 New Montgomery, San Francisco, Cal.; Andrus bldg, Minneapolis, Minn. (See adv. index, end of book)

Gates (Railway Crossing)

(See also Signals, Railway Crossing.)

BUDA FOUNDRY & MFG. CO. ("Bouge" & "Mills" System Interlocked Pneumatic, etc., Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
Craig-Reynolds Foundry Co ("Dayton"), Dayton, O.
General Railway Signal Co., 1738 Elmwood av, Buffalo, N. Y.; Monadnock blk, Chicago, & Broad Exchange bld, New York
Pneumatic Gate Co. (Crossing Gates, etc.), 149 E Huron, Chicago
Standard Railway Gate Co., Saginaw, Mich.
Wilson Railway Gate Co., Birmingham, Mich.

Gates (Sluice)

Bourbon Copper & Brass Works, 618 E. Front, Cincinnati, O.
Chapman Valve Mfg. Co., Indian Orchard, Mass.; 94 Pearl, Boston, Mass.; 28 S Canal, Chicago, Ill.; 28 Platt, New York, & 18 N 7th, Philadelphia, Pa.
Coffin Valve Co., Neponset, Boston, Mass.
Coldwell-Wilcox Co. (Also Pivot), Newburgh,
Dimmick Pipe Co., Birmingham, Ala. N. Y.
Eddy Valve Co., Waterford, N. Y.
Fox, Jno. & Co., 253 B'way, New York
Glamorgan Pipe & Foundry Co., Lynchburg, Va.
Kennedy Valve Mfg. Co., 57 Beekman, N. Y.
Ludlow Valve Mfg. Co., Troy, N. Y., & 62 Gold, N. Y.
MERRITT & CO. (Pneumatic), 102 Ridge av, Phila., Pa. (See adv. index, end of book)
Michigan Brass & Iron Works, Detroit, Mich.
Pelton Water Wheel Co., San Francisco, Cal., & 143 Liberty, N. Y.
Rensselaer Mfg. Co., Van Schaick Island, Troy, N. Y.
Vulcan Iron Works, 63 Milwaukee av, Chicago, Ill., & Toledo, O.
Wood, R. D. & Co., 400 Chestnut, Phila., Pa.

Gates (Steel Picket)

(See Fences, Iron & Steel Picket.)

Gates (Storage Bin)

RANSONE CONCRETE MACHINE CO. (For Sand, Stone & Concrete), 11 B'way, New York. (See adv. index, end of book)

Gauge Cocks

(See Cocks, Gauge.)

Gauge Glass Preserver

Morse, R. F. (Gilbert's Self-packing), 74 Weybosset
Strong Machine & Supply Co. ("Gilbert's"), 2 Murray, New York

Gauge Glass Washers

Boston Belting Co., 256 Devonshire, Boston, Mass., & 100 Reade, N. Y.
Canfield, H. O., Bridgeport, Conn.
CARPENTER, GEO. P. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
Continental Rubber Works (Rubber), Erie, Pa.
Diamond Rubber Co., Akron, O.
Empire Rubber Mfg. Co., Trenton, U. J., & 60 Reade, N. Y.
Goodrich, B. F. Co., Akron, O.
Home Rubber Co., Trenton, N. J.; 17 Lasalle, Chicago, Ill., & 80 Reade, N. Y.
Lake Shore Rubber Co., Erie, Pa.
McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
Manhattan Rubber Mfg. Co., 18 Vesey, N. Y., 103 Lake, Chicago, & Cleveland, O.
N. J. Car Spring & Rubber Co., Jersey City, N. J.
New York Belting & Packing Co. (Ltd.), 25 Park pl, N. Y.; Kansas City, Mo., St. Louis Mo., & San Francisco, Cal.
New York Rubber Co., New York
Revere Rubber Co., Boston, Mass.; Pittsburg, New Orleans, Chicago, New York & San Francisco
Stokes, Jos. Rubber Co., Trenton, N. J.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago; Akron, O., & 111 Chambers, N. Y. (See adv. index, end of book)

Gauge Glasses

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.; 16 N Canal, Chicaigoi, Ill., & 23 Church, New York
CONTRACTORS' TOOL CO. ("Allen" Indicator), 704 Arch, Phila., Pa. (See adv. index, end of book)
CRANE CO., Est. 1855; Chicago, New York, Philadelphia, St. Louis, Kansas City, Sioux City, Omaha, Los Angeles, San Francisco, Portland, Ore., Salt Lake City, Utah, Seattle, Wash., and Spokane, Wash. (See adv. index, end of book)
Crosby Steam Gage & Valve Co., 95 Oliver, Boston, Mass.; 21 W Lake, Chicago, Ill., & 78 John, N. Y.
Illinois Malleable Iron Co., 30 W Monroe, Chicago, Ill.
LUNKENHEIMER CO., General Of- fices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, N. Y., & 35 Great Dover, Londo, S. E., England. (See adv. index, end of book)
McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
Powell, Wm. Co., Cincinnati, O.
Schaffer & Budenberg Mfg. Co. ("Jena" Compound), Office & Works, 10 Division, Brooklyn, N. Y.; 66 John, N. Y.; 15 W Lake, Chicago, Ill.

*Gauge Glasses (Red Reflecting Imported)

Belfield, H. & Co., 435 N Broad, Phila., Pa.
Crosby Steam Gage & Valve Co., 95 Oliver, Boston, Mass.; 21 W Lake, Chicago, Ill., & 78 John, N. Y.
LUNKENHEIMER CO., General Of- fices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, N. Y., & 35 Great Dover st, London, S. E., England.
London, S. E., England. (See adv. index, end of book)

*Gauge Glasses (Scotch)

Belfield, H. & Co., 435 N Broad, Phila., Pa.
Crosby Steam Gage & Valve Co., 95 Oliver, Boston, Mass.; 21 W Lake, Chicago, Ill., & 78 John, N. Y.
LUNKENHEIMER CO., General Of- fices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, N. Y., & 35 Great Dover st, London, S. E., England. (See adv. index, end of book)
Powell, Wm. Co., Cincinnati, O.

Gauge Testing Apparatus

Crosby Steam Gage & Valve Co., 95 Oliver, Boston, Mass.; 21 W Lake, Chicago, Ill., & 78 John, N. Y.
Schaffer & Budenberg Mfg. Co., Office & Works, 10 Division, Brooklyn, N. Y.; 66 John, New York, & 15 W Lake, Chicago, Ill.

Gauges (Air Brake)

(See Gauges, Steam.)

Gauges (Alarm)

ASHCROFT MFG. CO., THE ("Ed- son"), 85, 87 & 89 Liberty, New York, & 22, 24 & 26 SCanal, Chicago, Ill. Works, Bridgeport, Conn.

Gauges (Altitude)

(See Gauges, Steam.)

Gauges (Ammonia)

(See Gauges, Steam.)

Gauges (Bar Iron Limit)

(See Gauges, Limit.)

Gauges (Barrel)

Hydraulic Press Mfg. Co., Mt. Gilead, O.

Gauges (Battery)

(See Ammeters & Voltmeters.)

Gauges (Bit)

Bonney Vise & Tool Works (Inc.), 3015 Chestnut, Phila., Pa.
Cincinnati Tool Co., Norwood, Cincinnati, O.

Gauges (Blast)

(See Gauges, Steam.)

Gauges (Boiler Plate)

(See Gauges, Rolling Mill.)

Gauges (Bourdon Pressure)

(See Gauges, Steam.)

Gauges (Caliper)

Athol Machine Co. ("Boss" and Open Face), Athol, Mass.
Billings & Spencer Co. (Pocket, etc.), Hartford, Conn.
Brown & Sharpe Mfg. Co., Providence, R. I.
HAMMACHER, SCHLEMMER & CO., 133 4th av, N. Y. (See adv. index, end of book)
MORSE TWIST DRILL & MACHINE CO., New Bedford, Mass.
Pratt & Whitney Co., Hartford, Conn.
Rogers, Jno. M. Boat, Gauge & Drill Works, Gloucester. City, N. J.
Slocomb, J. T. Co., 29 Oxford, Providence, R. I.
Smith, E. G., Columbia, Pa.
Starrett, L. S. Co., Athol, Mass.

Gauges (Carpenters')

Caldwell Mfg. Co. ("Handy" Rule Gauge), 8 Jones, Rochester, N. Y.
Chapin-Stephens Co., Pine Meadows, Conn.
Gage Tool Co.. Vineland. N. J.
Goodell-Pratt Co. (Roller, Single, Double & Triple Beam), Greenfield, Mass.
Disston, Henry & Sons (Inc.), Tacony, Philadelphia, Pa., & 75 W Washington, Chicago, Ill.
Goodell-Pratt Co. (Roller, Single, Double & Triple Beam)
Mack & Co., Rochester, N. Y.
Reissmann, F., West Point, N. Y.
Sandusky Tool Co., Sandusky, O.
Stanley Rule & Level Co., New Britain, Conn.
Winsted Edge Tool Works, Winsted, Conn.

Gauges (Car Wheel, Circumference)

Pratt & Whitney Co., Hartford, Conn.

Gauges (Centre)

(See Gauges, Universal Screw Cutting.)

Gauges (Compression)

Ashton Valve Co., 271 Franklin, Boston, Mass.
Bristol Co., Waterbury, Conn., & 114 Liberty, N. Y.
LUNKENHEIMER CO., General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, N. Y., & 35 Great Dover st, London, S. E., England. (See adv. index, end of book)
Schaffer & Budenberg Mfg. Co., Office & Works, 10 Division, Brooklyn, N. Y.; 66 John, New York, & 15 W Lake, Chicago, Ill.
Standard Gauge Mfg. Co., Syracuse, N. Y.

Gauges (Concave & Convex)

Power Specialty Co. ("Diamond"), Detroit, Mich.

Gauges (Cylindrical)

Brown & Sharpe Mfg. Co., Providence, R. I.
Rogers, Jno M. Boat, Gauge & Drill Works, Gloucester City, N. J.

Gauges (Draft)

Hohmann & Maurer Mfg. Co., Rochester, N. Y., & 85 Chambers, New York

Gauges (Drill & Tap)

(See Gauges, Universal Screw Cutting.)

Gauges (Dynamo & Motor Oil)

American Lubricator Co. ("American"), Detroit, Mich.
LUNKENHEIMER CO., General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, New York, & 35 Great Dover st, London, S. E., England. (See adv. index, end of book)
Michigan Lubricator Co. ("Michigan"), Detroit, Mich.

Gauges (Electric)

Standard Electric Time Co., Waterbury, Conn.

Gauges (Gas -Recording Pressure)

ASHCROFT MFG. CO., THE, 85, 87 & 89 Liberty, New York, & 22, 24 & 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.
Bristol Co., Waterbury, Conn.
Crosby Steam Gage & Valve Co., 95 Oliver, Boston, Mass.; 21 W Lake, Chicago, Ill., & 78 John, New York
Hohmann & Maurer Mfg. Co., Rochester, N. Y.. & 85 Chambers. New York
Schaffer & Budenberg Mfg. Co., 10 Division, Brooklyn, N. Y., 66 John, N. Y., & 15 W Lake,Chicago, Ill.

Gauges (Hydraulic)

(See Gauges, Steam.)

Gauges (Keyseat or Splining)

Wyke, Jno. & Co., 898 Saratoga, E. B., Boston, Mass.

Gauges (Limit)

Brown & Sharpe Mfg. Co., Providence, R. I.
Pratt & Whitney Co., Hartford, Conn.
Rogers, Jno. M., Boat, Gauge & Drill Works Gloucester City, N. J.

Gauges (Locomotive)

(See Gauges, Steam.)

Gauges (Lumber)

FILER & STOWELL CO., Milwaukee, Wis. (See adv. index, end of book)
LUFKIN RULE CO., Saginaw, Mich. U. S. A. Branches 280 B'way, New York & 48 Lime, London, E. C., Eng. (See adv. index, end oof book)

Gauges (Marking)

Bemis & Call Hdw. & Tool Co., Springfield, Mass.
Chapin-Stephens Co., Pine Meadow, Conn.
Disston, Henry & Sons (Inc.), Tacony, Phila., Pa., & 75 W Washington, Chicago, Ill.
HAMMACHER, SCHLEMMER & CO., 133 4th av, New York. (See adv. index, end of book)
Mack & Co., Rochester, N. Y.
Mossberg Wrench Co. ("Winslows" Adjustable Face), Central Falls, R. I.
Sandusky Tool Co., Sandusky, O.
Stanley Rule & Level Co., New Britain, Conn.

Gauges (Mercury)

ASHCROFT MFG. CO., THE, 85, 87 & 89 Liberty, New York, & 22, 24 & 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.

Gauges (Metric)

Brown & Sharp Mfg. Co., Providence, R. I.

Gauges (Micrometer)

Brown & Sharpe Mfg. Co., Providence, R. I.
Haines Gauge Co. (Automatic), Provident bldg, Philadelphia, Pa.
Slocomb, J. T. Co., 29 Oxford, Providence, R. I.
Smith, E. G., Columbia, Pa.
Starrett, L. S. Co., Athol, Mass.

Gauges (Planer)

Goodell-Pratt Co. (Iron Plane Gauges), Greenfield, Mass.
Sawyer Tool Co., Fitchburg, Mass.

Gauges (Plug & Ring)

Brown & Sharpe Mfg. Co., Providence, R. I.
Clough, R. M., Tolland, Conn.
MORSE TWIST DRILL & MACHINE Co., New Bedford, Mass.
Pratt & Whitney Co., Hartford, Conn.

Gauges (Rafter & Polygon)

Reissmann, F., West Point, N. Y.

Gauges (Rain)

Taylor Bros. Co., Rochester, N. Y.

Gauges (Recording Pressure)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.; 16 N Canal, Chicago, Ill., & 26 Cortlandt, N. Y.
ASHCROFT MFG. CO., THE (The "Edson"), 85, 87 & 89 Liberty, New York, & 22, 24 & 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.
Ashton Mfg. Co., 271 Franklin, Boston, Mass.;
Bristol Co., Waterbury, Conn., & 114 Liberty, N. Y.
Bushnell, Jno. S. Co., 120 Liberty, N. Y.
Cleveland Steam Gauge Co., 106 Merwin, Cleveland, O.
Crosby Steam Gage & Valve Co., 95 Oliver, Boston, Mass.; 21 W Lake, Chicago, Ill., & 78 John, N. Y.
Jones Gauge Co., 5 Broad, Boston, Mass.

LUNKENHEIMER CO., General Office, Beekman & Waveriy, Cincinnati, O.; 26 Cortlandt, N. Y., & 35 Great Dover st, London, S. E., England. (See adv. index, end of book)
Pittsburg Gauge & Supply Co. (Deaiers), 309 Water, Pittsburg, Pa.
Quimby Engineering Co., 911 Ridge av, Phila., Pa.
Schaffer & Budenberg Mfg. Co. ("Metropoiitan"), Main Office & Works, 10 Division, Brooklyn, N. Y.; 66 John, New York, & 15 W Lake, Chicago, Ill.
Standard Gauge Mfg. Co., Syracuse, N. Y.
Trautvetter Bros., Paterson, N. J.

Gauges (Recording Tide)

Bristol Co., Waterbury, Conn., & 114 Liberty N. Y.

Gauges (Rolling Mill)

Brown & Sharpe Mfg. Co., Providence, R. I.

Guages (Rule)

Reissmann, F. ("Perfection"), West Point, N. Y.

Gauges (Saw)

Atkins, E. C. & Co., Indianapolis. Ind.
Atlantic Works (Inc.), 23d & Arch, Phiia., Pa.
Beach, H. W., Montrose, Pa.
Disston, Henry & Sons (Inc.), Tacony, Phila., Pa., & 75 Washington, Chicago, Ill.
Hoe, R. & Co., 504 Grand, N. Y.
Kilborn & Bishop Co. ("The Champion Forged"), 81 Lloyd, New Haven, Conn.
Prouty, C. & Co., Eldred, Pa.
Seymour & Whitlock, 43 Lawrence, Newark, N. J.
Smith, H. B. Machine Co., Smithvilie, N. J., & 121 Liberty, N. Y.
United States Machine Co., Williamsport, Pa.

Gauges (Scratch)

Billings & Spencer Co. (Without Screw Attachment), Hartford, Conn.
HAMMACHER, SCHLEMMER & CO., 133 4th av, New York. (See adv. index, (end of book)
Richardson-Oliver Co., Athol, Mass.
Sawyer Tool Mfg. Co., Fitchburg, Mass.
Springfield Machine Screw Co., Springfield, Mass.
Starrett, L. S. Co., Athol, Mass.
Stevens, J. Arms & Tool Co., Chicopee, Mass.
Welch, T. F. & Co., 65 Sudbury, Boston

Gauges (Screw Pitch)

Athol Machine Co., Athol, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
HAMMACHER, SCHLEMMER & CO., 133 4th av, New York. (See adv. index, (end of book)
Pratt & Whitney Co., Hartford, Conn.
Sawyer Tool Mfg. Co., Fitchburg, Mass.
Smith, E. G., Columbia, Pa.
Starrett, L. S. Co., Athoi, Mass.

Gauges (Sheet Metal)

Brown & Sharpe Mfg. Co., Providence, R. I.
Pratt & Whitney Co. (Decimai), Hartford, Conn.

Gauges (Snap)

Billings & Spencer Co., Hartford, Conn.
Cleveland Twist Driil Co., cor. Lake & Kirtland, Cleveland, O.
Pratt & Whitney Co., Hartford, Conn.

Gauges (Steam)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.; 16 N Canal, Chicago Ill., & 23 Church, N. Y.
ASHCROFT MFG. CO., THE, 85, 87 & 89 Liberty, New York, & 22, 24 & 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.
Ashton Valve Co., 271 Franklin, Boston, Mass.
Belfield, H. & Co., 435 N Broad, Phila., Pa.
Bristol Co., Waterbury, Conn., & 114 Liberty, N. Y.
Cleveland Steam Gauge Co., 106 Merwin, Cleveland, O.
CRANE CO., Est. 1855, Chicago, New York, Philadelphia, St. Louis, Kansas City, Sioux City, Omaha, Los Angeles, San Francisco, Portland, Ore., Salt Lake City, Utah, SSeattle, Wash., and Spokane, Wash. (See adv. index, end of book)
Crosby Steam Gage & Valve Co., 95 Oliver, Boston, Mass.; 21 W Lake, Chicago, Ill., & 78 John, New York
Farnam Brass Wks (Safety), 25 Center, Cleveland, O.
Hohmann & Mauer Mfg. Co. (High Grade Vacuum Pressure), Rochester, N. Y., & 85 Chambers, N. Y.
LUNKENHEIMER CO., General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, N. Y., & 35 Great Dover st., London, S. E., England. (Sce adv. index, end of book)
Marsh, Jas. P. & Co., 224 Washington, Chicago
Pittsburg Gauge & Supply Co. (Dealers), 309 Water, Pittsburg, Pa.
Quimby Engineering Co. ("The Shaw"), 915 Ridge av, Phila., Pa.
Schaffer & Budenberg Mfg. Co., Main Office & Works, 10 Division, Brooklyn. N. Y.; 66 John, New York, & 22 W. Lake, Chicago, Ill.
Standard Gauge Mfg. Co., Syracuse, N. Y.
Star Brass Mfg. Co., 103 E Dedham, Boston, Mass.; 38 Cortlandt, N. Y., & Monadnock blk, Chicago, Ill.
Utica Steam Gauge Co., Frankfort, N. Y.
Wells & Coutan Co. (Ltd.), Poughkeepsie, N. Y.
WHITING FOUNDRY & EQUIPMENT Co., Harvey, Ill. (See adv. index, end of book)

Gauges (Surface)

Athol Machine Co.. Athol, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
HAMMACHER, SCHLEMMER & CO., 133 4th av, New York. (See adv. index, (end of book)
209 Bowery New York (See adv. index, page 1200)
Hoggson & Pettis Mfg. Co., New Haven, Conn.
Massachusetts Tool Co., Greenfield, Mass.
Rogers, John M. Boat, Gauge & Drill Works (The "Stafford & Whipple"), Gloucester City, N. J.
Sawyer Tool Mfg. Co., Fitchburg, Mass.
Starrett, L. S. Co., Athol, Mass.
Stevens, J. Arms & Tool Co., Chicopee Falls, Mass.
Wyke, John & Co. (Combination), 898 Saratoga, E. B., Boston, Mass.

Gauges (Syphon)

(See Gauges, Steam)

Gauges (Syrup)

Star Brass Works ("Star"), 154 Lake, Chicago, Ill.

Gauges (Tank Acid Metal)

Eastwood Wire Mfg. Co., Believille, N. J.

Gauges (Test)

(See Gauges, Steam.)

Gauges (Test Pocket)

Ashton Valve Co., 271 Franklin, Boston, Mass.

Gauges (Testing, Fan Pressure)

STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 131 Liberty, N. Y.; 281 S Clinton, Chicago, Ill.; 135 N 3d; Phila., Pa., & 147 Queen Victoria st., London, Eng. (See adv. index, end of book)

Gauges (Thread)

Browne & Sharpe Mfg. Co. ("Acme" Standard Screw Thread), Providence, R. I.
Pratt & Whitney Co., Hartford, Conn.
Sawyer Tool Mfg. Co., Fitchburg, Mass.
Starrett, L. S. Co., Athol, Mass.

Gauges (Tie Plate)

BUDA FOUNDRY & MFG. CO. ("Ware"), Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)

Gauges (Track)

BUDA FOUNDRY & MFG. CO. ("Huntington," "Caffrey-Huntington" & "MaManus" Combined Track Gauge & Lever), Railway Exchange bldg, Chicago, Iil. Works, Harvey, Ill. (See adv. index, end of book)
DAVIES, FRANK, Hennen bldg, New Orleans, La. (See adv. index, end of book)
FAIRBANKS, MORSE & CO., "Huntington" (Circular Radial, etc.), Franklin & Monroe, Chicago, Ill.: Warehouses. 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisvilie; 140 S Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul; 220 Nicoilet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Ore.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Fox Bros. & Co., 24 Vesey, New York
Handian-Buck Mfg. Co., 212 N 3d, St. Louis, Mo.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
KOPPEL, ARTHUR, 68 Broad, New York
Lovejoy, T. H., 90 Ohio, Chicago, Ill.
McCoy, Jos. F. Co., 26 Warren, New York
Sheffield Car Co. (The McHenry), Three Rivers, Mich.
Verona Tool Works, Murtland bldg, Pittsburg, Pa., & Verona, Pa.
Vicksburg Mfg. Co., Vicksburg, Ind.

Gauges (Twist Drill)

Brown & Sharpe Mfg. Co., Providence, R. I.

Gauges (Universal Screw Cutting)

Athol Machine Co., Athol, Mass.
Billings & Spencer Co., Hartford, Conn.
Brown & Sharpe Mfg. Co., Providence, R. I.
Cincinnati Tool Co., Cincinnati, O.
Cleveland Twist Drill Co., Cleveland, O.
Coffin & Leighton, Syracuse, N. Y.
Disston, Henry & Sons (Inc.), Tacony, Philadelphia, Pa., & 75 W Wash'n, Chicago, Ill.
Gould & Eberhardt (Depth Gauges), Newark, N. J.
HAMMACHER, SCHLEMMER & CO., 133 4th av, New York. (See adv. index, end of book)
MORSE TWIST DRILL & MACHINE CO., New Bedford, Mass.
Pratt & Whitney Co., Hartford, Conn.
Sawyer Tool Mfg. Co. (Graduated), Fitchburg, Mass.
Slocomb, J. T. Co., 29 Oxford, Providence, R. I.
Smith, E. G., Columbia, Pa.
Smith, Otis A. (Countersunk and Depth), Rockfall, Conn.
Standard Tool Co., Cleveland, O.

Starrett, L. S. Co., Athol, Mass.
Stevens, J. Arms & Tool Co., Chicopee Falls, Mass.
Turner, F. L. & Co. (Depth), Orange, Mass.
Wyke, John & Co., 898 Saratoga, E. B., Boston, Mass.

Gauges (Vacuum)

(See Gauges, Steam)

Gauges (Water Pressure)

(See Gauges, Steam.)

Gauges (Water)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.; 16 N Canal, Chicago, Ill., & 26 Cortlandt, N. Y.
ASHCROFT MFG. CO., THE ("Keyser" Automatic), 85, 87 & 89 Liberty, New York, & 22, 24 Y& 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.
Ashton Valve Co., 271 Franklin, Boston, Mass.
Belfield, H. & Co., 435 N Broad, Phila., Pa.
Bonner, Wm. T. & Co., 53 State, Boston, Mass.
Bristol Co., Waterbury, Conn., & 114 Liberty, New York
Buckeye Iron & Brass Works, Dayton, O.
Cleveland Steam Gauge Co., Cleveland, O.
CRANE CO., Est., 1855, Chicago, New York, Philadelphia, St. Louis, Kansas City, Sioux City, Los Angeles, San Francisco, Omaha, Portland, Ore., Salt Lake City, Utah, Seattle, Wash., and Spokane, Wash. (See adv. index, end of book)
Crosby Steam Gage & Valve Co., 95 Oliver, Boston, Mass.; 21 W Lake, Chicago, Ill., & 78 John, New York
FAIRBANKS CO., 186 Elm, New York; 701 Arch, Philadelphia; 44 Pearl, Boston; 610 Canal, New Orleans; 19 Light, Baltimore; 210 Main, Buffalo; 238 3d av, Pittsburg; 364 B'way, Albany; 78 City rd, London, Eng., & 749 Craig, Montreal, Can. (See adv. index, end of book)
Farnan Brass Works (Safety), 25 Center, Cleveland, O.
Gregory, G. M., 214 Front, New York
Huyette, Paul B. (The "P. B. H." Quick Closing), Betz bldg., Philadelphia, Pa.
Jarecki Mfg. Co., Erie, Pa., & Pittsburg, Pa.
Kelly & Jones Co., 135 Water, Pittsburg, Pa.; 15 Park row, New York, & 59 Clark, Chicago, Ill. Works, Greensburg, Pa.
Lonergan, J. E. & Co. (Automatic Safety), 211 Race, Phila., Pa.
LUNKENHEIMER CO., General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, New York, & 35 Great Dover, Londno, S. E., England. (See adv. index, end of book)
McGowan, John H. Co., 44 Central av, Cincinnati, O.
McNab & Harlin Mfg. Co., 56 John, New York
McRae & Roberts Co., 227 Campbell av, Detroit, Mich.
McShane, Henry, Mfg. Co., 441 North, Baltimore, Md., & 81 Fulton, New York
Michigan Lubricator Co. ("Michigan," Self-Clearing, Automatic, etc.), Detroit, Mich.
Nelson, Charles, 439 E 10th, N. Y.
Ohio Brass Co., Mansfield, O.
Penberthy Injector Co., 346 Holden av, Detroit, Mich.
Pittsburg Gauge & Supply Co., 309 Water, Pittsburg, Pa.
Powell, Wm. Co., 2525 Spring Grove av, Cincinnati, O.
Pratt & Cady Co., 556 Capitol av, Hartford, Cnn.
Queen City Brass & Iron Works, Cincinnati, O.
Reliable Water Gauge Co. ("Non-Breakable"), 1615 Pine, St. Louis, Mo.
Reliance Gauge Column Co. (Reliance Lever, Quick Closing), 76 E Prospect, Cleveland, O.
Schaffer & Budenberg Mfg. Co., Main Office & Works, 10 Division, Brooklyn, N. Y.; 66 John, New York, & 15 W Lake, Chicago.
Scott Valve Co., 32 W Randolph, Chicago, Ill.
Shallow's Automatic Water Gauge Co., 142 S 3d, Phila., Pa.
Sherwood Mfg. Co., 34 Washington, Buffalo, N. Y.
Standard Gauge Mfg. Co., Syracuse, N. Y.
Star Brass Mfg. Co., 103 E. Dedham, Boston, Mass.; 38 Cortlaandt, N. Y., & Monadnock blk, Chicago, Ill.
Swift Lubricator Co., Elmira, N. Y.
Thomas Brass & Iron Co., Waukegan, Ill.
Vanduzen, E. W. Co., 428 E 2d, Cincinnati, O.
Western Valve Co., 43 W Randolph, Chicago, Ill.
Williams Gauge Co. (Quick Closing), Pittsburg, Pa.
Wright Mfg. Co. (The Wright), 99 W Woodbridge, Detroit, Mich.

Gauges (Wheel)

Curran, F., Susquehanna, Pa.
Gage Tool Co., Vineland, N. J.

Gauges (Wire)

Brown & Sharpe Mfg. Co., Providence, R. I.
Disston, Henry & Sons (Inc.), Tacony, Phila., Pa., & 75 W Washington, Chicago, Ill.
HAMMACHER, SCHLEMMER & CO., 133 4th av, N. Y. (See adv. index, end of book)
Peck, Stow & Wilcox Co., Southington, Conn.; 31 Warren, N. Y., & Cleveland, O.
Starrett, L. S. Co., Athol, Mass.
Vulcan Hardware Co., Carlstadt, N. J.
WRIGHT WIRE CO., Worcester, Mass. (See adv. index, end of book)

Gauges (Wireman's Calculating)

Manhatan Electrical Supply Co., 32 Cortland, N. Y., & 188 5th av, Chicago, Ill.

Gauges (Worm Thread Tool)

Brown & Sharpe Mfg. Co., Providence, R. I.
Morse Twist Drill & Machine Co., New Bedford, Mass.

Gear Cutting Machines

(See Machines, Gear Cutting.)

Gearing (Cane Mill)

Coldwell-Wilcox Co., Newburgh, N. Y.

Gearing (Flexible Chain)

Morse Chain Co. ("Morse") Trumansburg, N. Y.

Gears.

CALIFORNIA.

SAN FRANCISCO—Pacific Gear & Tool Works, 523 Mission

CONNECTICUT.

ANSONIA—Farrell Foundry & Machine Co.
DERBY—Birmingham Iron Foundry
WATERBURY—Waterbury, Farrell Foundry & Machine Co.

ILLINOIS.

CHICAGO—**AMERICAN BRAKE SHOE** & Foundry Co. (Gears & Gear Blanks, Cast Steel), Western Union bldg. (See adv. index, end of book)
Chicago Rawhide Mfg. Co., 75 E Ohio
Dodge Mfg. Co., 168 S Clinton
Ganschow, Wm. (Up to 10 Feet Diameter), 35 S Canal
James & Foote, 58 S Canal
Kaestner & Co. (Inc.), 241 S Jefferson, Chicago, Ill.
Link Belt Machinery Co., 39th & Stewart av
Plamondon, A. Mfg. Co., 59 S Clinton
EDWARDSVILLE—Bignall & Kecler Mfg. Co.
LITCHFIELD—Litchfield Foundry & Machine Co. (Cast)
MARSEILLES—Marseilles Mfg. Co.

INDIANA.

INDIANAPOLIS—Nordyke & Marmon Co., 1101 W Morris
MISHAWAKA—Dodge Mfg. Co.
RICHMOND—Richmond City Mill Works

KANSAS.

ENTERPRISE—Ehrsam, J. B. & Sons Mfg. Co.
LEAVENWORTH—Great Western Mfg. Co.

KENTUCKY.

LOUISVILLE—**CALDWELL W E. CO.**, Brandels av & Brook). (See adv. index, end of book)

MARYLAND.

BALTIMORE—Howland-Sherman Mfg. Co. (Renewable Bevel & Flats), Calvert bldg
Poole, Robt & Son Co., 233 E German

MASSACHUSETTS.

BOSTON—Boston Gear Works, 152 Purchase
Chicago Raw Hide Mfg. Co., 139 Congress
Dodge Mfg. Co., 137 Purchase
Grant Gear Works, 6 Portland
Holmes & Blanchard Co., 39 Wash. N
Welch, T. F. & Co., 65 Sudbury
FALL RIVER—Kilburn, Lincoln & Co.
FLORENCE—Norwood Engineering Co.
HOLYOKE—Holyoke Machine Co.
ORANGE—Chase Turbine Mfg. Co.
Hunt Rodney Machine Co.
PITTSFIELD—Jones, E. D. & Sons Co.
WORCESTER—Worcester Gear Works, 13 Cypress

MINNESOTA.

MINNEAPOLIS—MINNEAPOLIS STEEL & Machinery Co. (See adv. index, end of book)

MISSOURI.

ST. LOUIS—Medart Patent Pulley Co., 3500 De Kalb av
Messmer, Ferd. Mfg. Co., 10 S B'way

NEW HAMPSHIRE.

LAKEPORT—Cole Mfg. Co.

NEW JERSEY.

BELLEVILLE—Eastwood Wire Mfg. Co. (Iron & Bronze)
HIGH BRIDGE—Taylor Iron & Steel Co
MAHWAH—**AMERICAN BRAKE SHOE & FOUNDRY CO.** (Gears & Gear Blanks, Cast Steel). (See adv. index, end of book)
NEWARK—Ruesch, Hy J., 22 Green

NEW YORK.

ATBANY—Dederick Agricultural & Machine Works
Townsend Furnace & Machine Shop Co. (Cut, Spur, etc.)
BUFFALO—Noye Mfg. Co., 50 Lakeview av

GEARS OF EVERY DESCRIPTION.

BREAK DOWN AND HURRY ORDERS SPECIAL ATTENTION.

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GEO. B. GRANT, Pres. **7th and Cherry Streets, PHILADELPHIA, PA.**

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Bliss, E. W. Co. (Cast Steel Cut Motor), 19 Adams
New York Gear Works (Gears & Cutting), 51 Milton

Boroughs of Manhattan & Bronx

NEW YORK—**AMERICAN BRAKE SHOE** & Foundry Co. (Gears & Gear Planks, Cast Steel), 170 B'way. (See adv. index, end of book)
BROWN, A. & F. CO., 25 Dey. (See adv. front colored page)
Cornell, J. B. & J. M. Co. (Cast Iron), 26th & 11th av
Cresson, Geo. V. Co., 141 Liberty
Dodge Mfg. Co., 45 Dey
Falls Rivet & Machinery Co., 208 Fulton
GENERAL ELECTRIC CO., 44 Broad. (See adv. index, end of book)
Leffel, Jas. & Co., 120 Liberty
Link Belt Engineering Co., 49 Dey
Platt Iron Works Co., 93 Liberty
Shriver, T. & Co., 333 E 56th
ROCHESTER—Gleason Works
SCHENECTADY—**GENERAL ELECTRIC** CO. (See adv. index, end of book)
SYRACUSE—Franklin, H. H. Mfg. Co. ("Franklin" Metal Bevel, etc.)
New Process Raw Hide Co., 218 W Washington

OHIO.

CINCINNATI—Dodge Mfg. Co., 128 W. 3d
Greenwald, I. & E. Co., 720 E Pearl
Straub Machinery Co., 1956 W 6th
CLEVELAND—Cleveland Gear Works, 35 Michigan
Horsburg & Scott Co., 1246 Hamilton
Sawyer Gear Works, 227 St. Clair
Van Dorn & Dutton Co. (Open Hearth, Steel), 1798 E Madison av
COLUMBUS—Case Mfg. Co.
CUYAHOGA FALLS—Falls Rivet & Machine Co.
DAYTON—Dayton Globe Iron Works Co., 833 S Ludlow
Platt Iron Works Co.
SPRINGFIELD—Leffel, Jas. & Co.
TOLEDO—Milburn Wagon Co.

OREGON.

PORTLAND—Portland Iron Works (Inc.), Portland, Ore.

PENNSYLVANIA.

ALLENTOWN—Allentown Foundry & Machine Works Co.
CHAMBERSBURG—Woods, T. B. Sons
CHESTER—Chester Steel Castings Co.
CHRISTIANA—Christiana Machine Co.
MUNCY—Sprout, Waldron & Co.
PHILADELPHIA—Bilgram, Hugo, 1235 Spring Garden
Campbell, Peter F., 51 Laurel
Chester Steel Castings Co., 407 Sansom
Cresson, Geo. V. Co., 18th & Allegheny av
DAVIS, RODNEY, 624 Race. (See adv. below)
Fairmount Machine Co., 22d & Wood
Harrington, Edwin, Son & Co., 1505 Pennsylvania, av
Link Belt Engineering Co., Nicetown
MORSE, WILLIAMS & CO., 132 S Broad. (See adv. index, end of book)
PHILADELPHIA GEAR WORKS, 127 N 7th. (See adv. top of this page)
Philadelphia Roll & Machine Co., S 23d & Wasn'n av
Philadelphia Steel & Iron Co., Fkd.
Reid, Robt., 711 Laurel
PITTSBURG—Fischer Foundry & Machine Co., S 21st c Mary
Link Belt Engineering Co., Park bldg
Mesta Machine Co., Lewis blk
Nuttall, R. D. Co., Fayette & Garrison pl
Pittsburg Steel Foundry, 541 Wood
Simonds Mfg. Co., 25th & Liberty av
Union Foundry & Machine Co., W Carson st
RANKIN STATION—Duquesne Forge Co.
READING—Johnston Foundry & Machine Co.
TAMAQUA—Tamaqua Mfg. Co.
WILKESBARRE—Vulcan Iron Works
WILLIAMSPORT—Williamsport Clutch & Pully Co.

RHODE ISLAND.

PROVIDENCE—Brown & Sharpe Mfg. Co.
Franklin Machine Co., 189 Charles

TENNESSEE.

MEMPHIS—Chickasaw Iron Works

VERMONT.

MONTPELIER—Lane Mfg. Co.

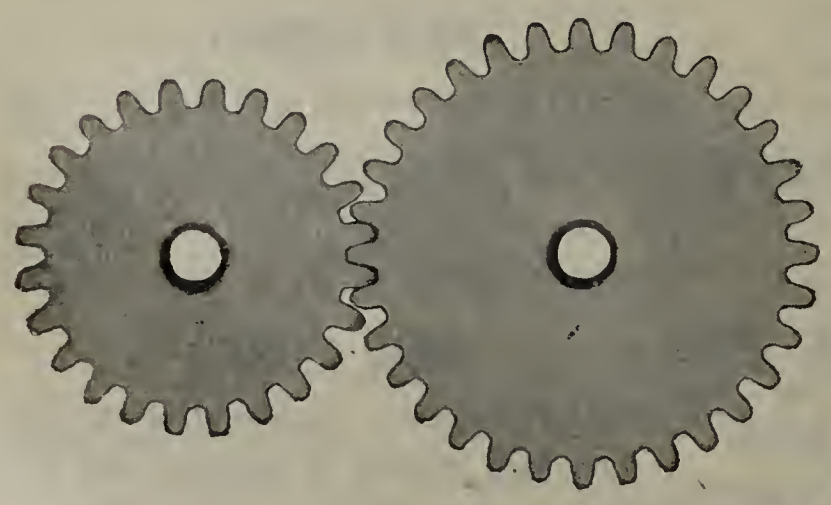
WISCONSIN.

MADISON—Gisholt Machine Co.
MILWAUKEE—Allis, Edw. P. Co.
FILER & STOWELL CO., Becher, cor Ziemer. (See adv. index, end of book)

Gears (Cut)

Arthur Co., 188 Front, N. Y.
Bair & Gazzam Mfg. Co., 29th & Smallman, Pittsburg, Pa.
Bilgram, Hugo (Bevel, Mitre, Mortise, Spur, etc.), 1235 Sp'g Garden

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624 RACE STREET,

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Bliss, E. W. Co., 17 Adams, Brooklyn, N. Y.
Boston Gear Works (Bevel Mitre, Mortise Spur, etc., also Brass), 152 Purchase, Boston, Mass.
Brown, A. F. Co., 26 Cortlandt, N. Y. Works, Elizabeth, N. J.
Brown & Sharpe Mfg. Co., Providence, R. I.
BUDA FOUNDRY & MFG. CO., Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
Buffalo Gear & Pattern Works, 18 Elk, Buffalo, N. Y.
Bultman, F. H. & Co., 131 Viaduct, Cleveland,
Chickasaw Iron Works, Memphis, Tenn. O.
Cleveland Gear Works ("Cut"), 35 Michigan, Cleveland, O.
Cresson, Geo. V. Co., Allegheny av, W of 17th, Phila., Pa., & 141 Liberty, N. Y.
DAVIS, RODNEY (All Kinds), 626 Race, Phila., Pa. (See adv. index, end of book)
Dodge Bros., Detroit, Mich.
Eagle Tool & Machine Co. (Also Rask), 120 Sandusky, Allegheny, Pa.
Earle Gear & Machine Co. (of all Descriptions), Oxford & Mascher, Phila., Pa.
Fairmount Machine Co., 2108 Wood, Phila., Pa.
Falls Rivet & Machine Co., Cuyahoga Falls, O.; 208 Fulton, N. Y.
Fawcus Machine Co. (Steel, Iron, Bronze & Rawhide), 2822 Smallman, Pittsburg, Pa.
Foote Bros. Gear & Machine Co., 24 S Clinton, Chicago, Ill.
Ganschow, Wm. (Bevel, Mitre, Mortise, Spur, etc.), 12 S Canal, Chicago
Gleason Tool Co., Rochester, N. Y.
Gould & Eberhardt (Spiral, Spur, Mitre, Bevel, Worm, etc.), Newark, N. J.
Grant Gear Works, 6 Portland, Boston, Mass.
Greenwald, I. & E., 728 E Pearl, Cincinnati, O.
Hardinge Bros., 1036 Lincoln av, Chicago
Harrington, Edwin Son & Co., 1515 Penn av, Phila., Pa.
Holyoke Machine Co., Holyoke, Mass.
Horsburgh & Scott, 1246 Hamilton, Cleveland, O.
Jones, E. D. & Sons Co. (Bevel, Mitre, Mortise, Spur, etc.), Pittsfield, Mass.
Lane Mfg. Co., Montpelier, Vt.
Link Belt Engineering Co. (Bevel, Mitre, Spur, etc.), Nicetown, Phila., Pa., 47 Dey, New York, and Park bldg, Pittsburg, Pa.
Medart Patent Pulley Co. (Plain or Mortise), 3500 De Kalb av, St. Louis, Mo.
Messmer, Ferd. Mfg. Co., St. Louis, Mo.
New Process Raw Hide Co. (Raw Hide), 248 Washington, Syracuse, N. Y.
New York Gear Works, 56 Greenpoint av, Brooklyn, N. Y.
Noordyke & Marmon Co. (Mitre, Spur, Bevel, Mortise, etc.), Cincinnati, O.
NUTTALL, R. D. CO. (Level, Mitre, Mortise, Spur, etc.), Fayette & Garrison pl, Pittsburg, Pa.
Pacific Gear & Tool Works (Bevel, Mitre, Mortise, Spur, etc.), 523 Mission, San Francisco, Cal.
Platt Iron Works Co., Dayton, O., & 93 Liberty, New York
Philadelphia Gear Works (all kinds), 127 N 7th, Philadelphia, Pa.
Pioneer Machine Works (Jas. Hartley, Prop.), 75 Delavan, Brooklyn, N. Y.
Poole Engineering & Machine Co., Baltimore, Md.
Redington, F. B. Co., 35 W Monroe, Chicago
Sawyer Gear Works, 227 St. Clair, Cleveland, O.
Sommerfield, R. G., 224 3d av, Pittsburg, Pa.
Simmonds Mfg. Co., Pittsburg, Pa.
Skillin & Richards Mfg. Co. (All Kinds), 147 Fulton, Chicago, Ill.
Turley, H. G., 214 Locust, St. Louis, Mo.
Townsend Foundry & Machine Shop Co. (Spur, etc.), Albany, N. Y.
Union Foundry & Machine Co., Pittsburg, Pa.
Van Dorn & Dutton Co., 1798 E Madison av, Cleveland, O.
Vulcan Iron Works, Wilkesbarre, Pittston & Tamaqua, Pa.
Walcott, Geo. & Son, Jackson, Mich.

Gears (Electric Steering)

Electro-Dynamic Co. of Phila., 224 Ionic, Phila., Pa.

Gears (Friction Clutch)

Allentown Foundry & Machine Works Co., Allentown, Pa.
Chickasaw Iron Works, Memphis, Tenn.
Ehrsam, J. B. & Sons, Enterprise, Kan.
Holyoke Machine Co., Holyoke, Mass.
Hunt, Rodney Machine Co., Orange, Mass.
Medart Patent Pulley Co., 3500 DeKalb av, St. Louis, Mo.
National Gear Wheel & Fdy. Co., Allegheny, Pa.
Noye Mfg. Co., 50 Lakeview av, Buffalo, N .Y.
Platt Iron Works Co., Dayton, O., & 93 Liberty, New York
Poole Engineering & Machine Co., Baltimore, Md.
Vulcan Iron Works, Wilkesbarre, Pittston & Tamaqua, Pa.

Gears (Hydraulic Steering)

Queen City Engineering Co., 49 Illinois, Buffalo,

Gears (Internal)

Bilgram, Hugo, 1235 Sp'g Garden, Phila., Pa.
Bultman, F. H. & Co., 131 Viaduct, Cleveland, O.
DAVIS, RODNEY, 624 Race, Phila., Pa. (See adv. index, end of book)
Ganschow, Wm., 12 S Canal, Chicago
Gould & Eberhardt, Newark, N. J.
Messmer, Ferd Mfg. Co., St. Louis, Mo.
New Process Raw Hide Co., 248 W Washington, Syracuse, N. Y.
Nordyke & Marmon Co., Cincinnati, O.
Noye Mfg. Co., Buffalo, N. Y.
Philadelphia Gear Works (Brass, etc.), 127 N 7th, Phila., Pa.
Poole Engineering & Machine Co., Baltimore, Md.
Sommerfeld, R. G. (Steel, Cast Iron or Brass), 224 3d av, Pittsburg, Pa.
Union Foundry & Machine Co., Pittsburg, Pa.
Welch, T. F. Co. (Brass), 56 Sudbury, Boston

Gears (Machine Moulded)

AMERICAN BRAKE SHOE & FOUN- dry Co., Mahwah, N. J., 170 B'Way, New York, and Western Union bldg, Chicago. (See adv. index, end of book)
Birmingham Iron Foundry, Derby, Conn.
BUDA FOUNDRY & MACHINE CO., Railway Exchange bldg, Chicago, Ill Works, Harvey, Ill. (See adv. index, end of book)
Caldwell, H. W. & Son Co. (The "Walker"), 18th & Western av, Chicago
Cresson, Geo. V. Co., Allegheny av, W of 17th, Phila., Pa., & 141 Liberty, N. Y. City
Farrell Foundry & Machine Co., Ansonia, Conn.
Gleason Tool Co., Rochester, N. Y.
Greenwald, I. & E., Cincinnati, O.
Mesta Machine Co., Lewis blk, Pittsburg, Pa.
Minneapolis Steel & Machinery Co., Minneapolis, Minn.
National Gear Wheel & Foundry Co., South av & Walker, Allegheny, Pa.
Plamondon, A. Mfg. Co., 57 S Clinton, Chicago.
Poole Engineering & Machine Co., Baltimore, Md.
Shriver, T. & Co., 333 E 56th, N. Y.
Taylor, Wilson & Co. (Ltd.), Allegheny, Pa.
Union Foundry & Machine Co., Pittsburg, Pa.

Gears (Raw Hide)

Chicago Rawhide Mfg. Co. (Rawhide), 75 E Ohio, Chicago, & 139 Congress, Boston, Mass.
Horsburgh & Scott, Cleveland, O.
Fawcus Machine Co., 2818 Smallman, Pittsburg, Pa.
New Process Raw Hide Co., Syracuse, N. Y.
Western Rawhide & Belting Co., Milwaukee, Wis.

Gears (Reciprocating)

Leland & Faulconer Mfg. Co. (For Automobiles), Detroit, Mich.

Gears (Spiral)

Bultman, F. H. & Co., 131 Viaduct, Cleveland, O.

Gears (Spur)

(See Gears Cut)

Gears (Steering)

Dake Engine Co. (Steam Pilot House), Grand Haven, Mich.
Edson Mfg. Co. (Yacht & Ship), 257 Atlantic av, Boston, Mass.
Hamilton, Jno. (for Yachts, etc.), Bridgeport, Conn.
Johnston, Wm. T. Co. ("Cincinnati" Automatic Steam), 522 Main, Cincinnati, O.
Phila. Machine & Mfg. Co. (Stearing Engines), 67 Laurel, Phila., Pa.

Gears (Swining)

Dake Engine Co., Grand Haven, Mich.

Gears (Worm)

Albro-Clem Elevator Co., Phila., Pa.
AMERICAN BRAKE SHOE & FOUN- dry Co., Mahwah, N. J., 170 B'Way, New York, and Western Union bldg, Chicago. (See adv. index, end of book)
Arthur Co., 188 Front, New York
Bilgram, Hugo, 1235 Spring Garden, Phila, Pa.
Boston Gear Works, 152 Purchase, Boston, Mass.
Bultman, F. H. & Co., 131 Viaduct, Cleveland, O.
Caldwell, H. W. & Son Co. (The "Walker"), 17th & Western av, Chicago, Ill.
Damascus Bronze Co. ("Damascus" Bronze for Rolling Mills, etc.), Allegheny, Pa.
DAVIS, RODNEY, 624 Race, Phila., Pa. (See adv. index, end of book)
Fawcus Machine Co. (Steel, Iron, Bronze & Raw Hide). Pittsburg, Pa.
Ganshow, Wm., 12 S Canal, Chicago
Gould & Eberhardt, Newark, N. J.
Link Belt Engineering Co., Nicetown, Phila., Pa., 47 Dey, New York, & Park bldg., Pittsburg, Pa.
Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
Messmer, Ferd. Mfg. Co., St. Louis, Mo.
MORSE, WILLIAMS & CO., 32 S Broad, Phila., Pa. (See adv. index, end of book)
Pacific Gear & Tool Works, 523 Mission, San Francisco, Cal.
PHILADELPHIA GEAR WORKS Brass, etc.), 127 N 7th, Phila., Pa.). (See adv. index, end of book)
Philadelphia Roll & Machine Co., S 23d & Washington av, Phila., Pa.
Poole Engineering & Machine Co., Baltimore, Md.
Nuttall, R. & Co., Pittsburg, Pa.
Simmonds Mfg. Co., Pittsburg, Pa.
Union Foundry & Machine Co., Pittsburg, Pa.
Van Dorn & Dutton Co., 1796 E Madison av, Cleveland, O.
Welch, T. F. & Co. (Brass), 65 Sudbury, Boston, Mass.

Gears & Pinions

Bliss, E. W. Co., 19 Adams, Brooklyn, N. Y.
Brown & Sharpe Mfg. Co., Providence, R. I.
Catskill Fdy. & Mach. Works, Catskill, N. Y.
Chicago Rawhide Mfg. Co. (Rawhide), 75 E Ohio, Chicago, & 139 Congress, Boston, Mass.
Cleveland Gear Works, 35 Michigan, Cleveland, O.
Dorner Truck & Foundry Co., Logansport, Ind.
Duquesne Forge Co., Rankin Station, Pa.
Falk Co., ft 30th, Milwaukee, Wis.; 70 New Montgomery, San Francisco, Cal.
Fawcus Machine Co., 2818 Smallman, Pittsburg, Pa.
Horsburgh & Scott, 1246 Hamilton, Cleveland, O.

Johns, H. W.-Manville Co., 100 William, New York, N. Y.; 171 Randolph, Chicago, Ill.; 77 Pearl, Boston, Mass.; 23 N 2nd, Philadelphia, Pa.; 217 Clybourn av, Milwaukee, Wis.; 14 S Water, Cleveland, O.; 221 1st av, Pittsburg, Pa.; 217 Magazine, New Orleans, La.; 916 N B'way, St. Louis, Mo.; Billister bldgs. London, Eng.
Mayers & Englund, 1024 Filbert, Phila., Pa.
New Process Raw Hide Co., 248 W Wash'n, Syracuse, N. Y.
New Jersey Steel Co., Rahway, N. J.
NUTTALL, R. D. CO., Fayette & Garrison pl, Pittsburg, Pa.
Ohio Brass Co., Mansfield, O.
Poole Engineering & Machine Co., Baltimore, Md.
Simonds Mfg. Co., Pittsburg, Pa.
Van Dorn & Dutton Co., 1796 E Madison av, Cleveland, O.
Western Rawhide & Belting Co. (Rawhide), Milwaukee, Wis.
Worcester Gear Works, Worcester, Mass.

Generating Sets

PHOENIX ELECTRIC MFG. CO., Mansfield, O. (See insert opp. next page)
Portland Co., Portland, Me.
STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 131 Liberty, New York; 135 N 3d, Philadelphia, Pa., 281 S Clinton, Chicago, Ill., & 147 Queen Victoria st., London, Eng. (See adv. index, end of book)

Generators (Acetylene)

(See Gas Machines, Acetylene.)

Generators (Electric Lighting)

Akron Electrical Mfg. Co. (Direct Current, Belted or Direct Connected), 1 to 500 K. W.), Akron, O.
American Engine Co. (Direct), 95 Liberty, N. Y., & Bound Brook, N. J.
Bartz, Evans & Wygant, Hornellsville, N. Y.
Bowen Electric Co., 58 Point, Providence, R. I.
Bullock Electric Mfg. Co. (Direct & Alternating), Cincinnati, O.
C. & C. Electric Co. (Direct), 143 Liberty, N. Y. Monadnock blk., Chicago, Ill., 176 Federal, Boston, Mass., & 45 N 7th, Phila., Pa.
California Electrical Works (Direct), San Francisco, Cal.
Commercial Electric Co. (Direct), Indianapolis, Ind.
Crocker-Wheeler Electric Co. (Direct), Ampere, N. J., & 39 Cortlandt, N. Y.
Diehl Mfg. Co. (Direct), Elizabethport, N. J.
Eager Electric Co. (Direct Current), Watertown, N. Y.
ELEKTRON MFG. CO., Springfield, Mass.; 179 Lincoln, Boston, Mass.; 408 Orchard, Rochester, N. Y.; 156 5th av, New York, and Washington Loan & Trust Co. bldg. Washington, D. C. (See adv. index, end of book)
Elwell-Parker Electric Co., Cleveland, O.
Fort Wayne Electric Works, Inc. (Direct & Alternating), Fort Wayne, Ind.
GENERAL ELECTRIC CO. (Direct & Alternating), Schenectady, N. Y., & 44 Broad, N. Y. (See adv. bottom of page)
Jenney Electric Mfg. Co. (Direct & Alternating), Indianapolis, Ind.
Kentucky Electrical Co. (Direct), Owensboro, Ky.
Keystone Electric Co. (Direct), Erie, Pa.
La Roche & Co., F. A. (Direct), 656 Hudson, N. Y.
Littlefield & Kennedy (Direct & Alternating), Lynn, Mass.
Maine Electric Co., 25 Commercial, Portland, Me.
Milwaukee Electric Co. (Direct), Milwaukee, Wis.
Northern Electrical Mfg. Co. (Direct & Alternating), Madison, Wis., & Monadnock blk, Chicago, Ill.
PHOENIX ELECTRIC MFG. CO., Mansfield, O. (See insert opp. next page)
Powell, E. C., Syracuse, N. Y.
Quaker City Electric Co. (Belted & Direct Connected), 2036 Lippincott, Phila., Pa.
Roth Bros. & Co., 29 S Clinton, Chicago, Ill.
Royal Electric Co. (Direct & Alternating), Montreal, P. Q.
Royal Electric Co. (Belted or Direct Current, 16 C. P., 50 Volt Lamps), Peoria, Ill.
SPRAGUE ELECTRIC CO. (Direct Current up to 1000 K. W.), 727 W 34th, N. Y. (See adv. opp. page following)
Thresher Electric Co. (Direct), Dayton, O.
Triumph Electric Co. (Direct Current), 610 Baymiller, Cincinnati, O.
Wagner Electric Mfg. Co. (Direct & Alternating), St. Louis, Mo.
Warren Electric Mfg. Co. (Alternating), Sandusky, O.
Western Electric Co. (Direct & Alternating), 259 S Clinton, Chicago, Ill., & 57 Bethune, N. Y.
WESTINGHOUSE ELECTRIC & MFG. Co. (Direct & Alternating), Westinghouse bldg, Pittsburg, Pa. (See insert opp. this page)

Generators (Electric Power)

Akron Electrical Mfg. Co. (Direct Current, Belted or Direct Connected, 1 to 500 K. W.) Akron, O.; N. Y. Branch, Mackay Eng. Co., 149 B'way, N. Y.
Allis-Chalmers Co., New York Life bldg, Chicago, Ill., & 71 B'way, New York
American Engine Co., 95 Liberty, N. Y., & Bound Brook, N. J.
Bessemer Gas Engine Co., Grove City, Pa.
Bullock Electric Mfg. Co. (Direct & Alternating), E Norwood, Cincinnati, O.
Crocker-Wheeler Electric Co. (Direct), Ampere, N. J., & 39 Cortlandt, N. Y.
Diehl Mfg. Co. (Direct), Elizabethport, N. J.
Eager Electric Co. (Direct Current), Watertown, N. Y.
Eddy Electric Mfg. Co. (Direct), Windsor, Conn.
Electric Machinery Co. (Induction Type, Alternating), Minneapolis, Minn.
Electro-Dynamic Co. of Phila., 224 Tonic, Phila., Pa.
ELEKTRON MFG. CO., Springfield, Mass.; 179 Lincoln, Boston, Mass.; 408 Orchard, Rochester, N. Y.; 156 5th av, New York, and Washington Loan & Trust Co. bldg, Washington, D. C. (See adv. index, end of book)
Elwell-Parker Electric Co. (Direct), Cleveland, O.
Ft. Wayne Electric Works, Ft. Wayne, Ind.
GENERAL ELECTRIC CO. (Direct & Alternating), Schenectady, N. Y., & 44 Broad, N. Y. (See adv. below)
General Incandescent Arc Light Co., 529 W 54th, New York
Keystone Electric Co. (Direct), Erie, Pa.
La Roche & Co., F. A. (Direct), 656 Hudson, N. Y.
Mechanical Appliance Co. ("Watson" Multipolar), Milwaukee, Wis.
Milwaukee Electric Co. (Direct), Milwaukee, Wis., & 39 Cortlandt, N. Y.
National Electric Co. (The "Seco," Altiernating and Direct), Milwaukee, Wis.
Northern Electrical Mfg. Co. (Direct & Alternating), Madison, Wis., & Monadnock blk, Chicago, Ill.
PHOENIX ELECTRIC MFG. CO., Mansfield, O. (See insert opp. next page)
Quaker City Electric Co., (Belted & Direct Connected), 2036 W. Lippincott, Phila, Pa.
Royal Electric Co. (Belted or Direct Connected, Alternating 40 to 250 K. W.), Peoria, Ill.
STURTEVANT, B. F. CO. (Direct), Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa.; 131 Liberty, N. Y., & 147 Queen Victoria, London, Eng. (See adv. index, end of book)
SPRAGUE ELECTRIC CO. (Direct Current up to 1000 K. W.), 534 W 34th, N. Y. (See adv. opp. page following)
Stanley Electric Mfg. Co. (Alternating), Pittsfield, Mass.
Thresher Electric Co., Dayton, O.
Triumph Electric Co. (Direct Current), 610 Baymiller, Cincinnati, O.
Warren Electric Mfg. Co. (Alternating), Sandusky, O.
WESTINGHOUSE ELECTRIC & MFG. Co. (Direct & Alternating), Pittsburg, Pa. (See insert opp. this page)

Generators (Oil, Electric)

General Power Co. (Electricity from Kerosene Oil), 81 Fulton, New York

Generators (Street Railway)

American Engine Co., Bound Brook, N. J.
Bullock Electric Mfg. Co., East Norwood, Cincinnati, O.
C. & C. Electric Co., 143 Liberty, New York; Nonadnock blk, Chicago, Ill.; 176 Federal, Boston, Mass., & 45 N 7th, Phila., Pa.
Commercial Electric Co., Indianapolis, Ind.
Crocker-Wheeler Co., Ampere, N. J., & 39 Cortlandt, N. Y.
Elwell-Parker Electric Co., Cleveland, O.
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, N. Y. (See adv. below)
Kester Electric Co., Terre Haute, Ind.
Keystone Electric Co., Erie, Pa.
Lorain Steel Co., Lorain, O., & Johnstown, Pa.

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For Urban, Suburban and Interurban Railways.

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Westinghouse

ALTERNATING AND DIRECT CURRENT

Motors

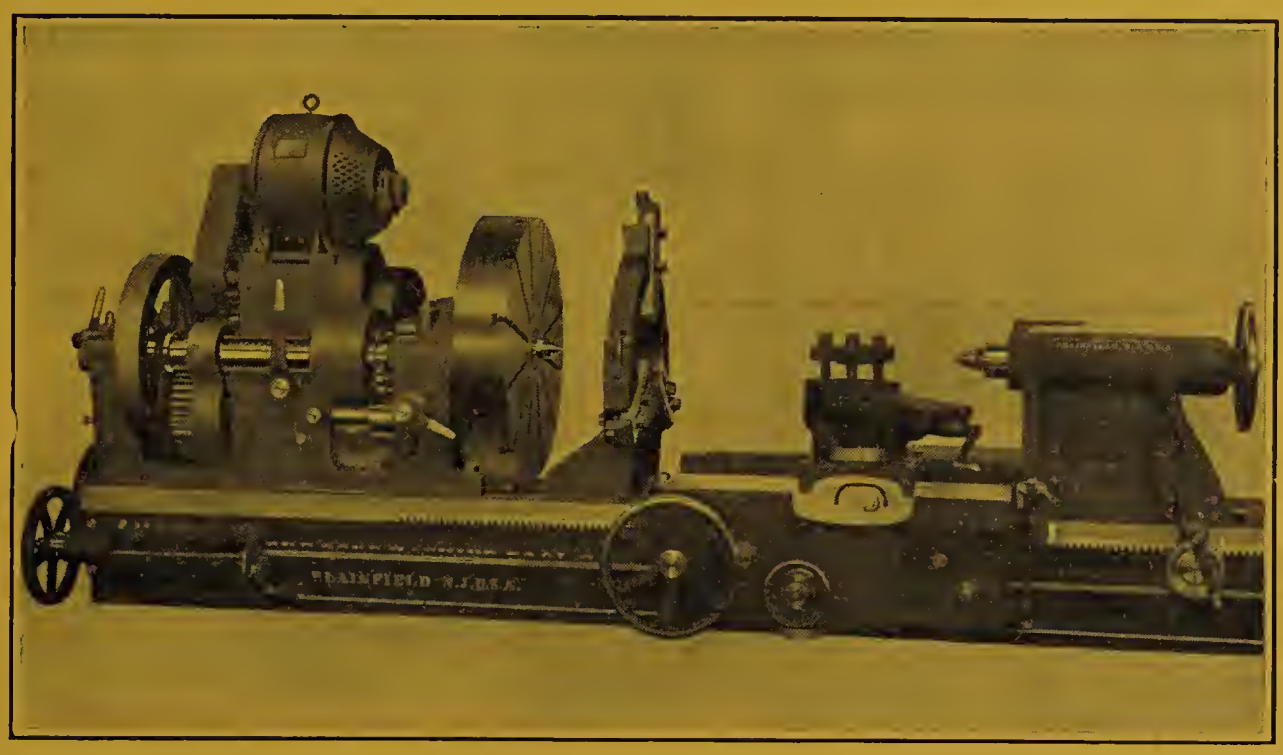
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District Offices:

New York, Atlanta, Dallas, Baltimore, Boston, Buffalo, Chicago, Cincinnati, Cleveland, Detroit, Los Angeles, Minneapolis, New Orleans, Philadelphia, Pittsburg, St. Louis, Salt Lake City, San Francisco, Syracuse, Seattle, Denver, Mountain Electric Co. Canada, Canadian Westinghouse Co., Limited, Hamilton, Ontario. Mexico, G. & O. Braniff & Co., City of Mexico.

DIRECT CURRENT

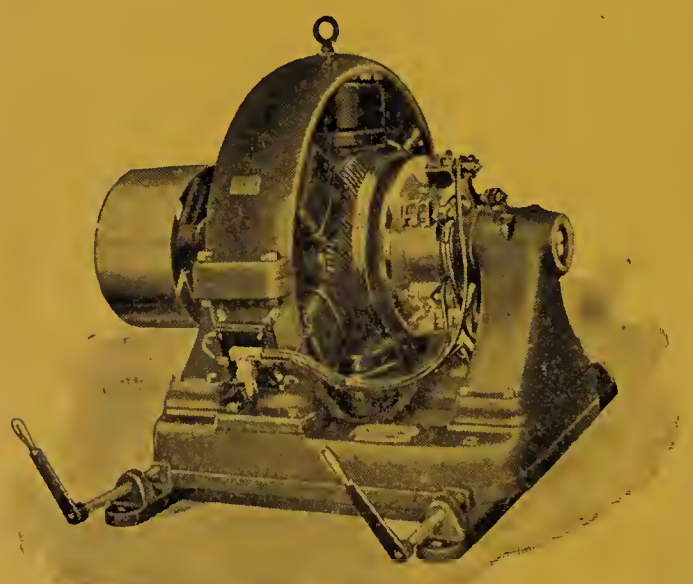
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Our apparatus is designed to meet the requirements of the best modern practice and has won an enviable reputation for high efficiency and great endurance under the most severe conditions of service. Scientifically constructed of the best materials, they give the best commercial value.

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PHOENIX ELECTRIC MFG. CO.

MANSFIELD, OHIO.

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"GRAND PRIX" THE HIGHEST AWARD AT PARIS EXPOSITION 1900.

DECORATION OF THE LEGION OF HONOR — PARIS 1900 — CONFERRED BY THE FRENCH GOVERNMENT



CABLE ADDRESS "EGAN CINCINNATI" A.B.C. AND LIEBERS CODES USED
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"GRAND PRIX" EXPOSITION UNIVERSELLE PARIS 1900 — THIS IS THE THIRD TIME WE HAVE TAKEN THIS HIGH HONOR IN COMPETITION WITH THE MANUFACTURERS OF THE WORLD

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Cincinnati, Ohio, U. S. A.

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EQUITABLE BUILDING,
120 Broadway, N. Y.
GEO. PLACE, AGENT.

TELEPHONE, 874 CORTLANDT

New York, Nov. 21, 1903.

The S.E.Hendricks Co.,
76 Elm St., N.Y.

Dear Sirs:-

Your esteemed favor of the 20th inst., is received, and I have to-day called on the Swedish & Norwegian Consulate, 17 State St. and had an interview with Mr. Chasles Ravn, and informed him that my call was made at your suggestion, and that we would take the matter up and at his request communicate direct with the parties at Stockholm, will keep you posted concerning the matter, and thanking you beg to remain

Very truly yours,

THE J.A. FAY & EGAN COMPANY.

Agent

PHOENIX ELECTRIC MFG. CO., Mansfield, O. (See adv. opp. this page)
Ridgway Dynamo & Engine Co., Ridgway, Pa.
SPRAGUE ELECTRIC CO., 527 W 34th, New York. (See adv. opp. this page)
Thresher Electric Co., Dayton, O.
Triumph Electric Co., Cincinnati, O.
Victor Electric Co., Cleveland, O.
WESTINGHOUSE ELECTRIC & MFG. Co., Westinghouse bldg, Pittsburg, Pa. (See insert opp. preceding page)

German Silver Sheet Mfrs.

Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Seymour Mfg. Co., Seymour, Conn.

Gibs & Keys

STANDARD GAUGE STEEL CO., Beaver Falls, Pa. (See adv. index, end of book)

Glass (Art)

(See Glass, Leaded.)

Glass Benders

American Glass Bending Co., New Kensington, Pa.
American Glass Bending & Beveling Co., 65 Chambers, Newark, N. J.
California Art Glass Bending & Cutting Works, 120 2d, San Francisco, Cal.
Cincinnati Beveling & Silvering Co., 430 Oliver, Cincinnati, O.
Donnelly, J. R. & Co., 54 Classon av, Brooklyn, **N. Y.**
Hadley-Dean Glass Co., 620 N 11th, St. Louis, Mo.
Heckermann, F. W. & Co., 210 Lawrence, Cincinnati, O.
Mackin, W. W., 1237 8th, Denver, Col.
ORIEL GLASS CO., 617 Chestnut, St. Louis, Mo.
Oriel Glass Works, cor Sandsome & Filbert, San Francisco, Cal.
Pittsburg Plate Glass Co., Main and Executive Offices, Frick bldg, Pittsburg, Pa. Branches, 103 Wood, Pittsburg, Pa.; 41 Sudbury, Boston, Mass.; 11th & Arch, Phila., Pa.; 32 S Pryor, Atlanta, Ga.; 53 E Larned, Detroit, Mich.; Hudson & Vandam, New York; 149 Seneca, Cleveland, O.; B'way & Court, Cincinnati, O.; 372 Pearl, Buffalo, N. Y.; 442 Wabash av, Chicago, Ill.; 492 Market, Milwaukee, Wis.; 510 S 3d, Minneapolis, Minn.; 410 Scott, Davenport, Ia. 1408 Harney, Omaha, Neb.; c 12th & St Charles, St. Louis, Mo.; 635 Fulton, Brooklyn, N. Y.; Daily Record bldg, Baltimore, Md.; 349 Minnesota, St. Paul, Minn.: Cham. of Com. bldg, Rochester, N. Y., & 5th & Wyandotte, Kansas City, Mo.
Popper, Leo. & Sons, 7 Sullivan, New York
Potts Bros., 210 Centre, New York
SCHULER & MUELLER CO., c Madison & Canal, Chicago. (See adv. index end of book)
Smith, M. A., 65 Chambers, Newark, N. J.
Western Mirror Plate Co., 824 Wade, Cincinnati, O.

Glass, Bent, Mfrs.

Oriel Glass Co., 617 Chestnut, St. Louis, Mo.
Penn-American Plate Glass Co., Pittsburg, Pa.
Standard Plate Glass Co., Butler, Pa.

*Glass Bevelers

American Glass Bending & Beveling Co., 65 Chambers, Newark, N. J.
Art Beveled Glass Works, 133 E 5th, Cincinnati, O.
Buffalo Mirror & Beveling Co., 259 Pearl, Buffalo, N. Y.
California Art Glass Bending & Cutting Works, 120 2d, San Francisco, Cal.
Chaudron & Peyton, 602 Water, Baltimore, Md.
Cincinnati Beveling & Silvering Co., 430 Oliver, Cincinnati, O.
Cooper, Chas. D., 188 W Houston, N. Y.
Crane Glass & Mfg. Co., 286 St. Clair, Cleveland O., & 341 Hudson, New York
Donnelly, J. R. & Co., 54 Classon av, Brooklyn. N. Y.
Evansville Mirror & Beveling Co., Evansville, Ind.
Ford Bros., 234 5th av, Chicago
Friederichs & Wolfrum, 107 Gratiot av, Detroit, Mich.
Gibbons, Edw., 23 Lawrence, Newark, N. J.
Hadley-Dean Glass Co., 11th c Lucas av, St. Louis, Mo.
Heckerman, F. W. & Co., 210 Lawrence, Cincinnati, O.
Holland & New Co., Des Moines, Ia.
Ingerson & Glaser Co., San Francisco, Cal.
Jones, Thos. Decorative Glass Co., Concord c Hudson av, Brooklyn, N. Y.
Mackin, W. W., 1237 8th, Denver, Col.
Oriel Glass Works, San Francisco, Cal.
Pioneer Glass Works, 121 New Montgomery, San Francisco, Cal.
Pittsburg Plate Glass Co., Main & Executive Offices, Frick bldg, Pittsburg, Pa. Branches 103 Wood, Pittsburg, Pa.; 500 S 3d, Minneapolis, Minn.; Hudson & Vandam, New York; 442 Wabash av, Chicago; 12th & St. Charles, St. Louis; 53 E Larned, Detroit; 492 Market, Milwaukee; 410 Scott, Davenport, Ia.; 635 Fulton, Brooklyn, N. Y.; Daily Record bldg, Baltimore; 349 Minnesota, St. Paul; 41 Sudbury, Boston; B'way & Court, Cincinnati; 510 S 3d, Minneapolis; 372 Pearl, Buffalo; 11th & Arch, Phila.; 149 Seneca, Cleveland; Cham. of Com. bldg, Rochester, N. Y.; 1408 Harney, Omaha; 32 S Pryor, Atlanta, & 5th & Wyandotte, Kansas City, Mo.
Popper, Leo. & Sons, 7 Sullivan, N. Y.
Potts Bros., 116 Walker, N. Y.
Queen City Glass Works, 122 Opera pl, Cincinnati, O.
Raphal, H. & Co., 509 S Main, Los Angeles, Cal.
Riordan, G. C. & Co., 133 E 5th, Cincinnati, O.
SCHULER & MUELLER CO., c Madison & Canal, Chicago, Ill. (See adv. next page)
Smith, M. A., 65 Chambers, Newark, N. J.
Standard Glass & Paint Co., Des Moines, Ia.
Suess Ornamental Glass Co., 48 to 54 N Clinton, Chicago, Ill.
United Glass Works, 62 8th, San Francisco, Cal.
Western Mirror Plate Co., 824 Wade, Cincinnati, O.
Whither-Coburn Co., San Francisco, Cal.

Glass (Cathedral, Rough Plate & Tile)

Appert Glass Co., 227 Broadway, N. Y.; works. Port Allegheny. Pa.
Dannenhoffer Glass Works, 389 Harman, Brooklyn, N. Y.
Gray & Son, Falls Creek, Pa.
Heidt, Louis & Son, 278 Boerum pl., Brooklyn. N. Y.
Highland Glass Co., Washington, Pa.
Marietta Glass Co., Red Key, Ind.
MISSISSIPPI GLASS CO., 277 B'way. New York; Main & Angelica, St. Louis, Mo., & Monadnock blk, Chicago. (See adv. index, end of book)
Novelty Glass Works, Ottawa, Ill.
Opalescent Glass Works, Kokomo, Ind.
Opalite Tile Co., 331 4th ave., Pittsburg, Pa.
Streator Cathedral Glass Co., Streator, Ill.

Glass (Chipped)

Chaudron & Peyton, 602 Water, Baltimore. Md.
Western Sand Blast Mfg. Co., cor S Clinton & Jackson boul, Chicago

Glass Cutters

California Art Glass Bending & Cutting Works. San Francisco, Cal.
Glenny, Wm. Glass Co., 115 W Front, Cincinnati, O.
Heckermann, F. W. & Co., 208 Lawrence, Cincinnati, O.
Ingerson & Glaser Co., San Francisco, Cal.
Oriel Glass Works, San Francisco, Cal.
Pioneer Glass Works, 121 New Montgomery, San Francisco, Cal.
Potts Bros., 210 Centre, New York
Redding, Baird & Co., 83 Franklin, Boston, **Mass.**
Suess Ornamental Glass Co., 48 to 54 N Clinton, Chicago, Ill.

Glass Cutting Boards

LUFKIN RULE CO., Saginaw, Mich. U. U. S. A. Branches, 280 B'way, New York, & 48 Lime, London, E. C., Eng. (See adv. index, end of book)

Glass Embossers

Blum Art Glass Co., 308 7th, Louisville, Ky.
California Art Glass Bending & Cutting Works, 120 2d, San Francisco, Cal.
Dougherty, James, 435 W Broadway, N. Y.
FRENCH, SAM'L H. & CO., York av, 4th & Callowhill, Phila., Pa. (See adv. index, end of book)
Gillinder & Sons (Inc.), 135 Oxford, Phila., Pa.
Ingerson & Glasier Co., San Francisco., Cal.
Jones, Thos. Decorative Glass Co., Concord & Hudson av., Brooklyn, N. Y.
Pittsburg Plate Glass Co., Main & Executive Offices, Frick bldg., Pittsburg, Pa.; branches, 103 Wood, Pittsburg, Pa.; 5th & Wyandotte, Kansas City, Mo.; 41 Sunbury, Boston, Mass.; cor. Hudson & Vandam, New York; 11th & Arch, Phila., Pa.; 32 S. Pryor, Atlanta, Ga.; 53 E. Larned, Detroit, Mich.; 149 Seneca, Cleveland, O.; B'way & Court, Cincinnati, O.; 372 Pearl, Buffalo, N. Y.; 441 Wabash av., Chicago, Ill.; 492 Market, Milwaukee, Wis.; 510 S. 3d, Minneapolis, Minn.; 410 Scott, Davenport, Ia.; 1408 Harney, Omaha, Neb., cor. 12th & St. Charles, St. Louis, Mo.; 635 Fulton, Brooklyn, N. Y.; Daily Record bldg., Baltimore, Md.; 349 Minnesota, St. Paul, Minn.; Chamber of Commerce bldg., Rochester, N. Y.
Potts Bros., 210 Center, New York
Rae, G. & Co., 436 W B'way, New York
Rawson & Evans, 151 W Wash'n, Chicago, Ill., & 460 W B'way, N. Y.
Redding, Baird & Co., 83 Franklin, Boston, Mass.
Reith, Wm., 134 N 7th, Phila., Pa.
Schaeffer & Norris, 461 Broadway, N. Y.
Smith, H. J. & Sons, 234 S 8th, Phila., Pa.
Schmitz & Hopps, 62 8th, San Francisco, Cal.
Stevens Art Glass Co., 28 S. St. Clair, Dayton, O.
Suess Ornamental Glass Co., 48 N Clinton, Chicago, Ill
Van Horn, Dan'l, Art Glass Works, 537 17th, Milwaukee, Wis.
Van Horne, D. A. & Co., 467 G'wich, N. Y. & 400 W B'way, N. Y.
Western Sand Blast Mfg. Co., W. Jackson boul & S Clinton, Chicago, Ill.

Glass Enamelers

Blum Art Glass Co., 308 7th, Louisville, Ky.
Dougherty, James, 435 W Broadway, N. Y.
FRENCH, SAM'L H. & CO., York av, 4th & Callowhill, Phila., Pa. (See adv. index, end of book)
Gernhardt, H. T. & Co., 409 E Fayette, Baltimore, Md.
Passarge, A. M., 12 De Kalb av, Brooklyn, N. Y.
Rawson & Evans, 151 W Wash'n, Chicago, Ill., & 400 W B'way, N. Y.
Stevens Art Glass Co., 28 S. St. Clair, Dayton. O.
Suess Ornamental Glass Co., 48 to 54 N Clinton, Chicago, Ill.

Glass Floor Plate Mfrs.

Appert Glass Co., 277 B'way, N. Y.

Glass for Electrical & Chemical Use

Whitall Tatum Co., 410 Race, Phila., Pa.; 46 Barclay, N. Y., & 41 Broad, Boston. Works. Millville, N. J

Glass for Engineering Specialties

(See also Gauge Glass Importers.)

Carr-Lowrey Glass Co., 290 B'way, N. Y., & Westport, Baltimore, Mo.
Gillinder & Sons (Inc.), 135 Oxford, Phila., Pa.
Whitall, Tatum Co., 410 Race, Phila., Pa.; 46 Barclay, N. Y., & 41 Broad, Boston, Mass. Works, Millville, N. J.

Glass Globes and Shades

(See Globes, Various Kinds.)

(Also Shades, Glass & Porcelain, etc.)

Glass House Furnace Builders

American Producers' Gas Furnace Co. (Also Glass Factories), Salem N. J.
Cox & Sons, 215 Race, Philadelphia, Pa.
Smythe, S. R. Co., House bldg., Pittsburg, Pa.

Glass (Leaded)

Baker, James W., 1836 Champa, Denver, Col.
Bunce Art Glass Co., Richmond, Va.
California Art Glass Bending & Cutting Works San Francisco, Cal.
Denniger, B. & S. Co., Jackson bldg, Denver, Col.
Clinton Glass Co., 259 W 21st, Chicago, Il.
Denver Ornamental Glass Works, 305 16th, Denver, Col.
FLANAGAN & BIEDENWEG CO., 57 to 63 Illinois, Chicago, Ill.
Ford Bros., 151 5th av, Chicago & Minneapolis, Minn.
Frederichs & Wolfrum, 107 Gratiot, Detroit, Mich.
FRENCH, SAMUEL H. & CO., 4th & Callowhill, Philadelphia, Pa. (See adv. index, end of book)
Geissler, R., 56 W 8th, New York
Henderson Bros., 13 E 30th, New York
Holland & New Co., Des Moines, Ia.
Hosey, Patrick, 1649 17th, Denver, Col.
Kyle, J. D. Co., Springfield, O.
Jones, Thos. Decorative Glass Co., Concord c. Hudson av., Brooklyn, N. Y.
McCully & Miles Co., 76 Wabash av, Chicago, Ill.
Mackin, W. W., 1237 8th, Denver, Col.
O'Hearn, P. H., 1413 18th, Denver, Col.
Payne, Geo. H., 247 Market, Paterson, N. J.
Rae, G. & Co., 436 W. Broadway, New York
Redding, Baird & Co., 83 Franklin, Boston, Mass.
Righter & Kolb, 156 5th av, New York
Riordan, G. C. & Co., 133 E 5th, Cin., O.
Schmitz & Hopps, 62 8th, San Francisco, Cal.
SCHULER & MUELLER CO., c Madison & Canal, Chicago. (See adv. index, end of book)
Sharpe Bros., 927 Broad, Newark, N. J.
Spiers, Richard N., 859 6th av., New York
Stevens Art Glass Co., 28 S. St. Clair, Dayton, O.
Stoltzenberg Co., 51 Barclay, N. Y.
Suess Ornamental Glass Co., 48 N Clinton, Chicago
Wallis, A. H., 2000 & 2002 Locust, St. Louis, Mo.
Western Sand Blast Mfg. Co., c Clinton & Jackson, Chicago
Wood Glass Co., 226 No. Salina, Syracuse, N. Y.

Glass Mosaic

(See Glass Work, Mosaic.)

Glass Opal Blanks

Popper, Leo & Sons, 15 Sullivan, N. Y.
Rodefer. T. A. (For Decorators), Bellaire, O.

Glass (Opalescent)

Gillinder & Sons (Inc.), 135 Oxford, Phila., Pa.
Heidt, Louis & Sons, Boerum & White, Brooklyn, N. Y.
Opalescent Glass Works, Kokomo, Ind.
Peltier Bros. Glass Co., Ottawa, Ill.
Popper, Leo & Sons, 15 Sullivan, N. Y.
Rodefer, T. A., Bellaire, O.

*Glass (Ornamental)

FLANAGAN & BIEDENWEG CO., 57 to 63 Illinois, Chicago
HENDERSON BROS., 13 E 30th, New York
NEW YORK GLASS CO., 363 Canal New York. (See adv. index, end oof book)
Niedling Bros., 160 W 27th, New York
Redding, Baird & Co., 83 Franklin, Boston, Mass.
SCHULER & MUELLER CO., c Madison & Canal, Chicago, Ill. (See margin at bottom)
Western Sand Blast Mfg. Co., c Jackson & Clinton, Chicago
Wood Glass Co., 226 N. Salina, Syracuse, N. Y.

Glass Pipe Mfrs.

Appert Glass Co., 277 B'way, N. Y.

Glass (Plate & Window, Wholesale & Retail)

ALABAMA.

BIRMINGHAM—Birmingham Paint & Glass Co., 1916 3d av
MOBILE—McDermott, M. A. & J. P., 14 S Water

ARKANSAS.

LITTLE ROCK—Abeles, Chas. T. & Co.

CALIFORNIA.

LOS ANGELES—Fuller, W. P. & Co., 142 N Los Angeles
Raphael, H. Co., 509 S Main
OAKLAND—Fuller W. P. & Co.
SACRAMENTO—Fuller, W. P. & Co., 1020 2d
SAN FRANCISCO—Butcher, L. H. Co., 741 Mission
Fuller, W. P. & Co., c Pine & Front
Hessler, Chas. & Son, 862 Mission
Lewis, M. & Son, 640 Howard
Pioneer Glass Works, 121 New Montg'y
Whittier, Coburn Co., 18 Tremont

COLORADO.

DENVER—Bingham, H. W. & Co., Larimer nr 3d
Denver Plate Glass Co., 1413 18th
Hallack Paint, Oil & Glass Co., 1741 Arapahoe
James, B. L. Mercantile & Mfg. Co., 1517 Arapahoe
McPhee & McGinnity Co., 18th c Wazee
Mackin, W. W., 1237 8th
Western Glass Mfg. Co., S 8th c W Bayaud

CONNECTICUT.

HARTFORD—Andrews & Peck, 88 Market
NEW BRITAIN—Rackliffe Bros. Co.
Rogers, D. M. & Co.
NEW HAVEN—Brodner, K., 103 Congress av
Morgan & Humiston Co., 142 State
TORRINGTON—Hotchkiss Bros. Co.

DELAWARE.

WILMINGTON—Bradford, James Co., 6 E 3d
Christiana Window Glass Co.

MAZE



MAZE PATTERN OF ROLLED GLASS

for the diffusion of light, and as there are no right angles to catch and hold the dust but each interstice begins and ends on the surface, it has the additional advantage of being easily cleaned.

For use in Offices, Public Buildings and Private Residences, instead of Enameled, Ground and Chipped Glass in doors, transoms and inside work.

Florentine, Ondoyant, Syenite, Figured No. 1, No. 2 and No. 3 are also popular patterns of Figured Glass.

Design sheet and samples may be had on application, or they can be procured from any of the leading Jobbers in Glass in the United States.

MISSISSIPPI GLASS COMPANY, *ST. LOUIS, MO.*

ORNAMENTAL GLASS SCHULER & MUELLER S. W. Cor. Madison & Canal Sts., CHICAGO ART GLASS

DISTRICT OF COLUMBIA

WASHINGTON—Barber & Ross, 614 11th, n w
Becker, Chas., 1239 32d, n w
Brown, R. M., 7th & N NW
Muth, Geo. F. & Co., 418 7th, n w
Plitt, Geo. 1727 7th, N. W.
Reilly, Hugh, 1334 N. Y. av., N. W.
Smith, Thos. W., 1st c Ind. av NW
Warren & Dyer, 627 F, n w

GEORGIA.

ATLANTA—Georgia Paint & Glass Co., 40 Peachtree
Pittsburg Plate Glass Co. (Mfrs.), 31 S. Pryor
SAVANNAH—Butler, J. G., 20 Congress
Hanley, Andw. Co., 127 Whitaker

ILLINOIS.

CHICAGO—Cole, Hy. A., 356 Dearborn
Hooker, H. M. Co., 59 W Randolph
KINSELLA GLASS CO., 22d & Johnson
Pittsburg Plate Glass Co. (Mrfs.), 442 Wabash av.
Rawson & Evans, 151 W Wash'n
Rice, James H. Co., 34 S. Water
Sheldon-Foster Glass Co., 120 Lake
Siegel, Abraham, 386 S Halstead
Sprague, Smith Co., 207 Randolph
Tyler & Hippach, 88 Randolph
PEORIA—Colburn, Birks & Co., 218 S. Washington
Fisher, Chas. & Co., 315 Main
QUINCY—Oenning Glass & Book Co.
Young Bros.
ROCK ISLAND—Volk, John & Co.
SPRINGFIELD—Power, Chas. A.
Power, Chas. A.

INDIANA.

EVANSVILLE—Evansville Mirror & Beveling Co.
Evansville Paint & Varnish Co.
FORT WAYNE—Dreier & Bro., 10 Calhoun
Schlatter, C. C. & Co., 40 E Columbia
INDIANAPOLIS—Aldag Paint & Varnish Co., 426 E Wash'n
Builders' Supply Co., 342 E Wash'n
Indianapolis Paint & Color Co., 240 Mass. av
Young, C. H., 708 E. Mich.
LAFAYETTE—Lafayette Lbr. & Mfg. Co.
Taylor, Henry Lbr. Co.
TERRE HAUTE—Adamson, Wm. W.
Krietenstein, Carl

IOWA.

CEDAR RAPIDS—Williams & Hunting Co.
DAVENPORT—McClelland, T. W. Co.
Pittsburg Plate Glass Co.
Roberts, U. N. Co.
DES MOINES—Buck Bros. Co., 613 E Grand av
Carr & Adams Co., 305 S 9th
Holland & New Co., 610 Locust
DUBUQUE—Carr-Ryder & Adams Co.
LYONS—Disbrow, M. A. & Co.
MUSCATINE—Roach & Musser Sash & Door Co.

KANSAS.

EMPORIA—Emporia Lbr. & Coal Co.
HUTCHINSON—Hutchinson, L. & P. Mill Co.
TOPEKA—Whiting, A. B. Paint & Glass Co., 521 Quincy

KENTUCKY.

LOUISVILLE—Hughes, E. L. Co., 123 E Main
Hughes, W. J. & Sons Co., 14th c Maple
Louisville Silvering & Beveling Co., 1420 Washington

LOUISIANA.

NEW ORLEANS—Augustin, M. & H., 310 Barrome
Louisiana Glass & Mirror Works, 309 Lafayette
McWilliams, R. (Ltd.), 342 Camp

MAINE.

PORTLAND—King & Dexter Co.

MARYLAND.

BALTIMORE—Baker Bros. & Co., 36 S Charles
Baker Glass Co., 120 Hanover
Carr-Lowrey Glass Co. (Westport)
Kaufman, E. L. & Co., Liberty & Fayette
King, Wm. & Bro., 113 W Fayette
Pittsburg Plate Glass Co. (Mfrs.), Daily Record bldg.
Riverside Window Glass Wks., Leadenhall & Jephson
Seim, Henry & Co., Howard & Fayette
Swindell Bros., cor Bayard & Russell
United States Glass Co., 16 S. Charles

MASSACHUSETTS.

BOSTON—Boston Plate & Window Glass Co., 261 A
Pittsburg Plate Glass Co. (Mfrs.), 41 Sudbury
LYNN—Blockway-Smith Corp., 146 Oxford
WORCESTER—Marble, Jerome & Co., 440 Main

MICHIGAN.

DETROIT—American Paint & Glass Co., 38 Cadilac sq
Boydell Bros., White Lead & Color Co., 16 E Congress
Frede & Schroeter, 152 Gratiot av
Central Paint & Glass Co., 36 Cadillac sq
Detroit Mirror Works, Waterman av. & L. S. & M. S. Ry
Fletcher Hardware Co. (Window), 65 W Woodbridge
Frolich, Edw. Glass Co., 52 W Larned
Michigan Ornamental Glass Co., 21st & Standish
Pittsburg Plate Glass Co. (Mfrs.), 53 E Larned
Reid, Wm. Co., 124 Larned
Schroeder Paint & Glass Co., 41 Congress
GRAND RAPIDS—Heystek & Canfield Co., 75 Monroe
Reid, Wm., 26 Louis
JACKSON—McLean, Frank & Co.
SAGINAW—Saginaw Plate Glass Co.

MINNESOTA.

DULUTH—Paine & Nixon Co.
St. Germain Bros., 110 1st av, W
Thomson & Dunlop, 226 W Michigan
MINNEAPOLIS—Forman, Ford & Co., 116 Washington av, S
Janney, Semple, Hill & Co., 30 S 2d
Pittsburg Plate Glass Co. (Mfrs.), 510 S. 3d
ST. PAUL—Bockhorni, Jos., 90 E. 5th
Noyes Bros. & Cutler, 400 Silby
Pittsburg Plate Glass Co., 349 Minnesota
St. Paul Mirror & Glass Co., 318 Minnesota
Taylor, G. D., 213 E 3d
Whitehead, Wm. G., 27 8th

MISSOURI.

KANSAS CITY—Campbell Glass & Paint Co., 1228 Main
Faxon, Horton & Gallagher, 1210 Union av
Pittsburg Plate Glass Co. (Mfrs.), B'way, c 8th
ST. JOSEPH—Pimbley Paint & Glass Co., 215 S. 6th
ST. LOUIS—Drey & Kahn Glass Co., 11th c. St. Charles
Glenney Bros. Glass Co., 219 S 6th
Hadley-Dean Glass Co., 11th c Lucas av
Kahn, M. Glass Co., 12th c Walnut
Mississippi Glass Co., Main c Angelica
Pittsburg Plate Glass Co. (Mfrs.), 12th & St. Charles
Pockels Drug, Glass & Paint Co., Gravois av. c. Jefferson av.
Weigelt Glass & Mirror Mfg. Co., 615 S. 6th

MONTANA.

BUTTE—Butte Art Stained Glass Works
HELENA—Parchen Drug Co., 1 S Main

NEBRASKA.

LINCOLN—Eureka Paint & Equipment Co.
Western Glass & Paint Co.
OMAHA—Fuller Drug & Paint Co.
Midland Glass & Paint Co.
National Oil & Paint Co., 1015 Jones
Richardson Drug Co., 902 Jackson

NEW JERSEY.

NEWARK—Hockenjos, J. J. Co., 829 Broad
Newark Glass Co., 271 Market
Rice, S. E. M., 554 Broad
Stainsby Oil Co., 881 Broad
Van Horne, Griffen & Co., 311 Mt. Pleasant

NEW YORK.

ALBANY—Bradstreet, Wm. H., 165 S Pearl
Cameron, G. V. & F. W., 284 Central av
Fonda, D. H. Drug Co., 14 Green
Kurtz, Jacob, 334 Central av
Proctor, W. E., 74 Hudson av
Wing, Robt. B. & Son, 62 Quay
BINGHAMTON—Binghamton Glass Co.
Lawrence Paint Co.
Sanders, H. H., 7 Court
BROOKLYN—(See N. Y. City, Borough of Brooklyn)
BUFFALO—Barnard-Richardson Co., 109 Seneca
Becker Glass & Paint Co., 372 Pearl
Buffalo Glass Co., 96 Seneca
Diffin Glass Co. (Factory Agents), Builders' Exch.
Fritzche & Kleason, 42 Eagle
National Glass Co., 523 Main
Post's, John C. Sons, 59 S Division
Towns & Wright, 230 Wash'n
ELMIRA—Booth, Irving D.
ITHACA—Treman, King & Co.
*JAMESTOWN—Bush & Freeman, 36 Main

NEW YORK CITY.

Borough of Brooklyn

BROOKLYN—Boley Mfg. Co., 1023 Met. av.
Brooklyn Glass Works, 185 Bedford av
Donnelly, J. R. Co., 54 Classon av
Friedlander, Jos. B., 182 Fulton
Lazansky, Emil, 334 Myrtle av
Moll, M. N., 317 Atlantic av.
Pittsburg Plate Glass Co., 635 Fulton
Sutherland, Isaac P., 363 Fulton

Boroughs of Manhattan & Bronx

NEW YORK—Bache, Semon & Co., 11 Laight
Bartelstone Bros., 4241 3d av
Bendit, Drey & Co., 188 Franklin
Carr-Lowery Glass Co., 290 B'way
Coble, Robt., 438 Canal
Crane Glass & Mfg. Co., 341 Hudson
Dunham, Thos. C., 68 Murray
Edmonds, Thos. C. & Co., 1826 Park av
Fitzpatrick, J. & Co., 376 Greenwich
Heroy & Marrenner, 62 Vandam
Holbrook Bros., 89 Beekman
Hutkoff, Nathan, 177 Wooster
Kahn, Jacques, 29 Bleeker
Morris, Theo. W. & Co., 440 Canal
NEW YORK GLASS CO., 363 Canal. (Se adv. index, end of book)
Pittsburg Plate Glass Co. (Mfrs.), Hudson & Vandam
Popper, Leo & Sons, 7 Sullivan
Rubin Bros., 52 New Bowery
Shuldiner, David Glass Co., 510 W 53d
Sutphen & Myer, 11 Desbrosses
Thorpe, Jno., 260 W. B'way
Vanhorne, D. A. & Co., 467 G'wich
Weber, C. S. & Co., 10 Desbrosses
Wissmach, Paul, 102 E 12th

(END OF NEW YORK CITY)

ROCHESTER—Barnard, Porter & Viall, 15 N Water
Becker Glass & Paint Co., Wilder bldg
Clark Paint Oil & Hardware Co., 131 State
Haskins & Co., 365 Main E
Ocorr & Rugg Co., N Union c N. Y. C. R. R.
Versprella, Harry, 1 Division
SYRACUSE—Brown, Clinton C., 205 E. Jeff'n
Burhans & Black Co., 136 N. Salina
Wood Glass Co., 226 N Salina
TROY—Dauchy, Chas. H. Co., 279 River
Thompson, John L. & Sons Co., 163 River

OHIO.

AKRON—Standard Hdw. Co., 146 S Main
CINCINNATI—Barron, Boyle Co., 428 Main
Glenny, Wm. Glass Co., 115 W Front
Peale, W. C. & Bro., 904 Central av
Pittsburg Plate Glass Co., B'way & Court
Washburn, Ira D. Co., 1008 Central av
CLEVELAND—Barnard-Richardson Co., Rose bldg
Cleveland Window Glass Co., 232 Champlain
Crane Glass & Mfg. Co., 286 St Clair
Diamond Glass Co., 201 Viaduct
Pittsburg Plate Glass Co. (Mfrs.), 149 Seneca
Saunders, J. A. Co., 765 Scranton av
Teachout, A. Co., 42 Mich
COLUMBUS—Columbus Plate & Window Glass Co., 69 E Long
COULSON, J. W. & CO. (See adv. below)
Federal Glass Co., Innis & Parsons avs
Shoedinger, Fearn & Co., 106 N. High
DAYTON—Irving Paint & Glass Co.
Jewell & Vinson, 433 E 5th
TOLEDO—Frolich, Edward Glass Co., Adams & Water
YOUNGSTOWN—Youngstown Glass & Paint Co.

OREGON.

PORTLAND—Beach, F. E. & Co., 135 1st
Fisher, Thorsen & Co., 162 Front
Rasmusen & Co., 180 1st

PENNSYLVANIA.

ALLEGHENY—Conroy, Prugh & Co., 1430 Western av
Daum & Helm, 623 Ohio, E. A.
ERIE—Erie Window Glass Co.
KANE—Kane Window Glass Co.
Penna. Window Glass Co.
PHILADELPHIA—Bennett, G. S. & Co., 114 N 9th
Evans, Wm. & Son, 56 N. Front
FRENCH, SAML. H. & CO., 4th & Callowhill. (See adv. index, end of book)
Hires Turner Glass Co., 626 Arch
Kane Plate Glass Co., Penna. bldg
Lucas, John & Co., 322 Race
Nice, Eugene E., 272 S 2d
Oser, S. & Son, 420 S 2d
Pittsburg Plate Glass Co. (Mfrs.), 11th
Shoemaker, Benj. H., 203 N 14th & Arch
Thomas Glass & Mirror Works, 406 N 12th
Vanhorne, Griffen & Co., 17 N 5th
PITTSBURG—Allegheny Plate Glass Co., Park bldg
American Window Glass Co., Farmers' Bank bldg
Bindley Hdw. Co., 429 7th av
Commercial Glass Co., Inc., 241 3d av
Connolly, Thos. A., 18 Parkway
Cunningham, D. O. Glass Co., 22d c Jane
De Noon Bros., Paint & Glass Co., 930 Penn av
Federation Window Glass Co., 422 5th av
Kim, Geo. A. & Co., c Wood & 1st av
McCully, Wm. & Co., Conestoga bldg
McKee, S. & Co., Carson c. S. 13th
Penn American Plate Glass Co., Westinghouse bldg
Pennsylvania Door & Sash Co., 900 2d av
Penn Plate & Window Glass Co., Westinghouse bldg
Pittsburg Plate Glass Co. (Mfrs.); Main & Executive Offices, Frick bldg; Branch Office, 103 Wood
Pittsburg Window Glass Co., 422 5th av
Wightman, Thos. Glass Co., 104 Wood
SCRANTON—Washburn, Williams & Co., 119 Meran
WILKESBARRE—Phelps, Straw & Co.
WILLIAMSPORT—Funston, T. J., 22 E. 3d

RHODE ISLAND.

PROVIDENCE—Rhode Island Glass Co., 127 Wash'n
Rosenblatt, Henry, 91 Wash'n

SOUTH CAROLINA.

CHARLESTON—Bird, W. M. & Co.

TENNESSEE.

MEMPHIS—Cole Mfg. Co., 27 Hernando
True-Tagg Paint Co., 457 Shelby
NASHVILLE—Beasley & Sons, 303 Church
Riddle Co., 324 Broad
Warren Bros. Co., 200 N College

TEXAS.

DALLAS—Hamilton Paint & Glass Co., 317 Elm
Shields, K. & Co., 245 Elm
EL PASO—Tuttle Paint & Glass Co.
GALVESTON—Baulard, V. L. & Co.
Smith, J. F. & Bro., 2315 Strand

UTAH.

OGDEN—Odgen Paint, Oil & Glass Co.
SALT LAKE CITY—Culmer, G. F. & Bro.
Ebert, Geo. W. & Co.

VIRGINIA.

NORFOLK—Clark, Frank T. Co.
RICHMOND—Binswanger & Co. (Inc.), 525 E. Byrd

WASHINGTON.

SEATTLE—Baker & Richards Co., 108 1st av S
Fuller, W. P. & Co., 2d av, S. c Jackson
Nelle & Engelbrecht, 82 W. Columbia

WEST VIRGINIA.

WHEELING—Chapman, W. H. & Sons

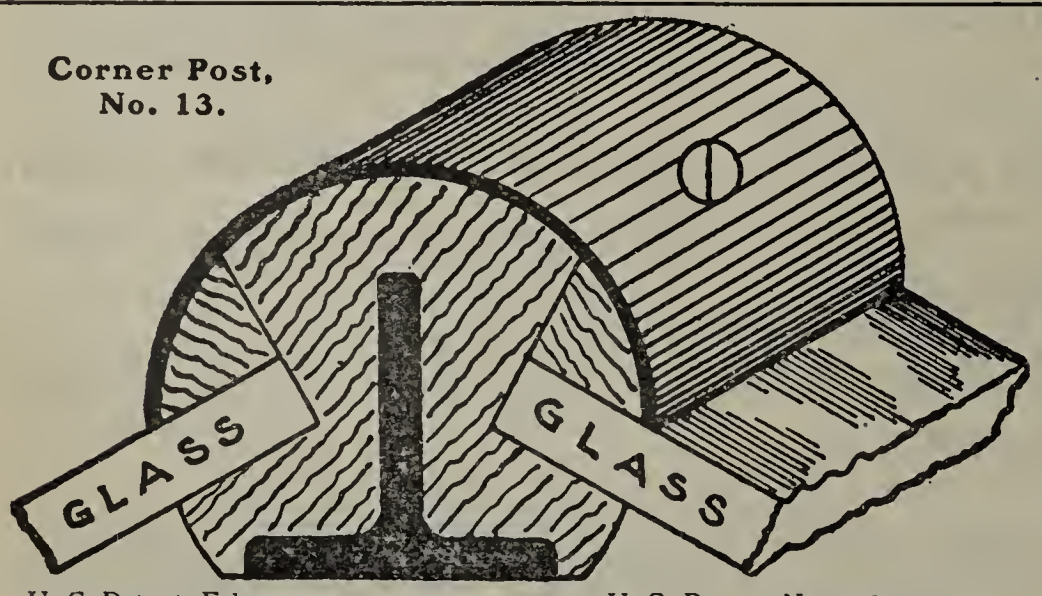
WISCONSIN.

APPLETON—Miller Lumber Co.
MILWAUKEE—Dorestan, Enno & Son Co., 297 3d
Hecht & Zummach, 281 W Water
Patek Bros., 319 E Water
Patton, Jas. E. Co., 490 Market
RACINE—Driver, Thos. & Sons Mfg. Co.
Stecher, Weber & Huetten Mfg Co.
Yahr & Lange Drug Co., 486 Market

Glass (Polished Plate, Mfrs.)

Allegheny Plate Glass Co., Hites, Pa., & Park bldg, Pittsburg, Pa.
Columbia Plate Glass Co., Blairsville, Pa.
Ford Plate Glass Co., Rossford, O.

Corner Post, No. 13.



U. S. Patent, February 13, 1900. U. S. Patent, November 19, 1901
Canada Patent, March 19, 1901. U. S. Patent, April 15, 1902.
Other Patents Pending.

The Coulson Patent Store Front Construction

The Coulson Patent Corner Posts and Transom Bars are being specified by the leading architects throughout the country, for new or remodeled store-fronts. Greatest strength for holding plate glass safely, and at the same time causing the least obstruction to light. In using them all glass is set from the outside. Recommended by the Plate Glass Insurance Companies.
Write for latest descriptive Catalogue, C 300.

J. W. COULSON & CO., Columbus, Ohio, U. S. A.

LUXFER PRISMS

NO BUILDING CAN BE COMPLETE WITHOUT THEM

FOR STORE FRONTS, OFFICE BUILDINGS, FACTORY AND WAREHOUSES



THEY THROW DAYLIGHT INTO DARK ROOMS

AMERICAN LUXFER PRISM COMPANY

NEW YORK CHICAGO BOSTON

Gray & Son, Falls Creek, Pa.
Standard Plate Glass Co., Butler, Pa.
Heidenkamp Mirror Co., Springdale, Pa.
Kittanning Plate Glass Co., Kittanning, Pa.
Penn-American Plate Glass Co., Westinghouse bldg, Pittsburg, Pa., & Alexandria, Ind.
Pittsburg Plate Glass Co., main and executive offices, Frick bldg., Pittsburg, Pa.; branches, 103 Wood, Pittsburg, Pa.; Hudson & Vandam, New York; 41 Sudbury, Boston, Mass.; 11th & Arch, Phila., Pa.; 32 S. Pryor, Atlanta, Ga.; 53 E. Larned, Detroit, Mich.; 149 Seneca, Cleveland, O.; B'way & Court, Cincinnati, O.; 372 Pearl, Buffalo, N. Y.; 441 Wabash av., Chicago, Ill.; 492 Market, Milwaukee, Wis.; 510 S. 3d, Minneapolis, Minn.; 410 Scott, Davenport, Ia.; 1408 Harney, Omaha, Neb.; cor. 12th & St. Charles, St. Louis, Mo.; 635 Fulton, Brooklyn, N. Y.; Daily Record bldg, Baltimore, Md.; 349 Minnesota, St. Paul, Minn.; Cham. of Com. bldg, Rochester, N. Y., & 5th & Wyandotte, Kansas City, Mo.
Saginaw Plate Glass Co., Saginaw, Mich.
St. Louis Plate Glass Co., Farmers' Bank bldg., Pittsburg, Pa.; works, Valley Park, Mo.
Standard Plate Glass Co., Butler, Pa.

Glass (Pressed Light, Mfrs.)

Canton Glass Co., Marion, Ind.
National Glass Co., 806 Penn av, Pittsburg, Pa.
Rodefer, T. A., Bellaire, O.

Glass (Prismatic Mfrs.)

AMERICAN BAR LOCK CO. ("Bar Lock" 3 Point Prism Lights), Land Title bldg, Phila., Pa. (See adv. index, end of book)

AMERICAN LUXFER PRISM CO., 346- 48 Wabash av., Chicago, Ill.; 160 Fifth av, New York; 15 Federal, Boston, Mass.; Garfield bldg., Cleveland, O.; 326 Fourth av, Pittsburg, Pa.; Odd Fellows bldg, St. Louis, Mo.; 121 New Montgomery, San Francisco, Cal.; Kasota bldg, Minneapolis, Minn.; 69 E Long, Columbus, O.; 424 Main, Cincinnati, O.; N. Y. Life bldg, Kansas City, Mo.; Drake blk, St. Paul, Minn.; Herman bldg, Milwaukee, Wis.; Stafford Hotel, Baltimore, Md.; Widdicomb bldg, Grand Rapids, Mich.; Colorado bldg, Denver, Colorado; New York blk, Seattle, Wash; 218 Front, Portland, Oregon; 33 West, Salt Lake City, Utah; 520 13th, Washington, D. C.; Hennen bldg, New Orleans, La.; Pembroke Arcade, Indianapolis, Ind.; 603 South Spring, Los Angeles, Cal. (See adv. preceding page)

BROWN BROS. MFG. CO., 22d & Spring, Los Angeles, Cal. (See adv. preceding page)

California Art Glass Bending & Cutting Works, San Francisco, Cal.

CHICAGO SIDEWALK LIGHT CO., Reaper blk, Chicago. (See adv. index, end of book)

Cleveland Window Glass Co., 232 Champlain, Cleveland, O.

Continuous Glass Press Co., Penna. bldg, Phila., Pa.

COULSON, J. W. & CO. (Wholesale & Retail), Columbus, O. (See adv. index, end of book)

Daylight Glass Mfg. Co., 608 Chestnut, Phila., Pa.

MALTBY, GEO. K. & CO., Flatiron bldg, New York, & 146 Franklin, Boston, Mass.

N. J. FOUNDRY & MACHINE CO., 9 Murray, N. Y. (See adv. index, end of book)

NEW YORK GLASS CO., 363 Canal New York. (See adv. below)

NEW YORK GLASS COMPANY .·. N. Y.
PRISMATIC GLASS
VAULT LIGHTS
ORNAMENTAL GLASS

N. Y. Prism Co., 473 W B'way, N. Y.
Pressed Prism Plate Glass Co. (Wholesale Mfrs.), Morgantown, W. Va.
Prismatic Light Co., 271 Canal, N. Y.
Redding, Baird & Co. (Sole Distributors of Baird's hand made Silver Glass), 83 Franklin, Boson, Mass.
Rodefer, T. A. (For Architectural Iron Work), Bellaire, O.
Solar Prism Co., 291 Quincy, Cleveland, O.

Glass (Rolled, Maze Pattern)

MISSISSIPPI GLASS CO., 277 B'way, N. Y.; Main & Angelica, St. Louis, Mo., & Monadnock blk, Chicago, Ill. (See adv. below)

Glass (Rough, Ribbed & Figured Rolled Plate Mfrs.)

Beatty, Brady & Co., Washington, Pa.
Dannenhoffer, John Glass Works, 389 Harman, Brooklyn, N. Y.
Marietta Glass Co., Gas City, Ind.

MISSISSIPPI GLASS CO., 277 B'way, N. Y.; Main & Angelica, St. Louis, Mo., & Monadnock blk, Chicago, Ill. (See adv. below)

Opalescent Glass Works, Kokomo, Ind.
Peltier Bros Glass Co., Ottowa, Ill.

Glass (Sand Blast)

Suess Ornamental Glass Co., 48 N Clinton, Chicago
Western Sand Blast Mfg. Co., c Clinton & Jackson, Chicago

Glass Setting in Lead or Metal

(See Also Glass Stainers.)

FLANAGAN & BIEDENWEG CO., 57 to 63 Illinois, Chicago
Henderson Bros., 13 E 30th, New York
SCHULER & MUELLER, c Madison & Canal, Chicago, Ill. (See adv. index, end of book)
STEVENS ART GLASS CO., 28 S St. Clair, Dayton, O

Glass (Skylight, Mfrs.)

Canton Glass Co., Marion, Ind.
Continuous Glass Press Co., Penna. bldg, Phila., Pa.
National Glass Co., 806 Penn av, Pittsburg, Pa.
MISSISSIPPI WIRE GLASS CO., 277 Broadway, New York; Main & Angelica, St. Louis, Mo., & Monadnock blk, Chicago. (See adv. below)
Rodefer, T. A. (For Architectural Iron Works) Bellaire, O.

Glass Stainers

(See also Memorial Windows.)

CALIFORNIA.

LOS ANGELES—Bruns, Edw., 597 Spring
Fuller, W. P. & Co., 140 N. Los Angeles
Los Angeles Art Glass Co., 625 S. B'way
OAKLAND—Hooper & Dombrick
SAN FRANCISCO—Briseno, Autone F., 606 4th
Cal. Art Glass Bending & Cutting Works, 120 2d
Ingerson & Glaser Co., 121 New Montg'y
Schmitz & Hopps, 62 8th

COLORADO.

DENVER—Baker, Jas. W., 1836 Champs
Denver Plate Glass Co., 1413 18th
Mackin, W. W., 1237 8th

FLORENTINE



FLORENTINE PATTERN ROLLED GLASS

for use in Offices, Public Buildings and Private Residences, and instead of Enameled, Ground and Chipped Glass in doors, transoms and inside work.

This Glass has a wide reputation for having an exceptionally smooth cutting surface, is brilliant, easily kept clean, artistic in design, intercepts the vision and greatly increases the diffusion of light.

Maze, Ondoyant, Syenite, Figured No. 1, No. 2 and No. 3, are also popular patterns of Figured Glass.

Design sheet and samples will be sent on application or they can be procured from any of the leading Jobbers in Glass in the United States.

When drawing specifications be particular to specify glass made by the MISSISSIPPI GLASS COMPANY, designating the pattern selected as shown above.

MISSISSIPPI GLASS COMPANY, ST. LOUIS, MO.

CONNECTICUT.

BRIDGEPORT—Bridgeport Art Glass Co.
NEW HAVEN—Brodner, K., 103 Congress av
Builders' Supply Co., 96 Water.
Elm City Art Glass Co., 196 State
Morgan & Humiston Co., 144 State

DELAWARE.

WILMINGTON—Mammele, F. C., 15 E 4th

DISTRICT OF COLUMBIA.

WASHINGTON—Columbia Art Glass & Mirror Works, 630 G, n. w.
Corning, J. H., 520 13th, n. w.
Heffernan, Wm. A., 917 E, n. w.
Tyndall, Leon S., 1823 9th, n. w.
Vaughan, W. W., 213 12th, n. w.

GEORGIA.

ATLANTA—Pittsburg Plate Glass Co., 232 S Pryor

ILLINOIS.

CHICAGO—Bentzien, Henry, 474 N Marshfield av
Clinton Glass Co., W 21st & S Morgan
Eberhardt, Hugo & Co., 1148 W. 12th
Ebert, Wm. O., 546 W. North av.
FLANAGAN & BIEDENWEG CO., 57 to 63 Illinois
Ford Bros., 151 5th av
Giannini & Hilgart, 211 Madison
Harder, Wm. C., 2838 Union av
Heidelmeier, Jno., 3208 N. Clark
Kinsella, John J. Co., 22d c Johnson
Langer, Albert, 1007 W. Chicago av
McCully & Miles Co., 76 Wabash av
Pittsburg Plate Glass Co., 441 Wabash av
Linden Glass Co., 1216 Michigan av
Rea, L. A., 3124 Forest av
SCHULER & MUELLER, c Madison & Canal. (See adv. index, end of book)
Suess Ornamental Glass Co., 48 N Clinton
Western Sand Blast Mfg. Co., W Jackson boul c S Clinton
DANVILLE—Wiseman, J. & Son
OTTAWA—Peltier Bros. Glass Co.
PEORIA—Rothan, Geo. J., Johnson c Webster

INDIANA.

EVANSVILLE—Johnson, E. C., 10 Main
Sonntag, Edw. F., 512 Main
INDIANAPOLIS—Hamilton, H. E. & Co., Pembroke Arcade
Schurmann, E. 15 N. Penna.
Young, C. H. Co., 708 E. Mich.
LAFAYETTE—Lockwood, Walter T., 208 S 4th

IOWA.

DAVENPORT—Pittsburg Plate Glass Co.
Des Moines—Allward, J. R. Glass Co., 37th & Ingersoll av
Holland & New Co., 610 Locust

KENTUCKY.

LOUISVILLE—Alberts, J. B., 307 1st
Blum Art Glass Co., 308 7th
Hughes, W. J. & Sons Co., c 14th & Maple

LOUISIANA.

NEW ORLEANS—Louisiana Glass & Mirror Works, 319 Lafayette

MAINE.

PORTLAND—Spence, Bell & Co.

MARYLAND.

BALTIMORE—Baumstark Art Glass Works, 227 Park av
Bonnert Mfg. Co., 101 S Charles
Gernhardt, H. T. & Co., 411 E. Fayette
Gettier, G. W. & Co., 719 N. Eutaw
Kaufman, Edwd. L. & Co., N W c Liberty & Fayette
Pittsburg Plate Glass Co., Daily Record bldg
Seim, Henry & Co., Howard & Fayette
Southern Stained Glass Co., 208 W Saratoga

MASSACHUSETTS.

BOSTON—Bailey, C. F., 33 Lagrange
Bartsch, Valentine, La Grange st (W. R.)
Boston Stained & Cut Glass Works, 83 Franklin
Central Glass Works, 41 Wash'n
Chandler Specialty Mfg. Co., 138 Congress
Colonial Stained Glass Works, 31 Hartford
Cushing & Anderson, 64 Warren, Rox.
Cutter, A. B. Co., 36 Columbus av
Flagg, L. G. & Co., Sudbury bldg
Ford & Brooks, 70 Wash'n
Hutchings, Murphy & Co., 471 Tremont
Kelley & Co., 62 Sudbury
Kelley & Hafner, 54 Dorch av
Loan, P. H. J. & Co., 41 Wash'n
MacDonald, Donald, 400 Northampton
Phipps, Horace J. & Co., 144 Essex
Pittsburg Plate Glass Co., 41 Sudbury
Redding, Baird & Co., 83 Franklin
Wheeler, Frank L. (New Process), 45 Milk
Wise, G. W. Co., 65 Franklin
NEW BEDFORD—Smith, A. E., 28 William
Taylor & Barron, 84 N Water
SPRINGFIELD—Hall, Chas., 393 Main
WORCESTER—Worcester Stained Glass Works

MICHIGAN.

DETROIT—Boydell Bros., White Lead & Color Co., 16 Congress E
Detroit Stained Glass Works, 111 Gratlot av
Friederichs & Wolfrum, 107 Gratiot av
Lee, E. F., 40 Champlain
Michigan Ornamental Glass Co., 21st & Standish
Pittsburg Plate Glass Co., 53 E Larned
Reid, Wm., 124 Larned, W
Roach, James, 285 Woodward av
MENOMINEE—Menominee Stained Glass Works, 601 Williams
SAGINAW—Bamford & Anning, 114 N. Franklin
Jacobi, Alexander, 113 N Warren av

MINNESOTA.

DULUTH—St. German Bros., 21 1st av
MINNEAPOLIS—Ford Bros, 207 N Wash'n av
Forman, Ford & Co., 116 Wash'n av, S.
Pittsburg Plate Glass Co., 510 S. 3d
ST. PAUL—Leaded Glass Mfg. Co., 90 E 5th
Pittsburg Plate Glass Co., 349 Minnesota
Whitehead, W. G., 27 8th

MISSOURI.

KANSAS CITY—Kansas City Stained Glass Works & Sign Co., 514 Wyandotte
Pittsburg Plate Glass Co., 5th & Wyandotte
ST. JOSEPH—St. Joseph Art Glass Co., 1008 Jule
ST. LOUIS—Davis, W. W., 1329 Wash'n av
Hadley-Dean Glass Co., 11th c Lucas av
Jacoby Art Glass Co., 1107 Pine
Kerwin, E. F., Ornamental Glass Co., 925 6th
National Art Glass Co., 913 S 12th
Pittsburg Plate Glass Co., 12th & St. Charles
St. Louis Art Glass Co., 1107 Pine
Wallis, A. H., 2000 & 2002 Locust
Weigelt Glass & Mirror Mfg. Co., 615 S 6th
Wendling, Jos. Glass Co., 208 S 4th

NEBRASKA.

OMAHA—Disbrow, M. A. & Co.

NEW JERSEY.

CAMDEN—Lamar, A. C., 9 Market
IRVINGTON—Avery, Geo. W.
Denman, Julius R.
Parcell, Ernest
NEWARK—Belcher, Chas.
Handler, J., 228 Broome
Hankinson. Henry B. Co., 9 Franklinl
Metzger, Richd, 54 Duryea
O'Halloran, Thos. & Son, 73 Chambers
Sharpe Bros., 951 Broad
Smith, H. & Co., 85 S Orange av
ORANGE—Booth, Jno. G., 11 Commerce
Jordan, Chas., 289 Main
Stevens, Jos., 241 Scotland
Vanhorne, Griffin & Co., 25 Main
PATERSON—Payne, George H., 247 Market
WEST ORANGE—Van Buskirk, Chas.

NEW YORK.

ALBANY—Blocksidge, Jas., 2 High
Buckley, Thos., 452 B'way
Chapman, Wm. B., 222 Hudson av
Jones & Buchanan, 57 Maiden lane
Schilling Co., 43 Eagle
BINGHAMTON—Squier, W. A.
BROOKLYN—(See N. Y. City, Borough of Brooklyn)
BUFFALO—Becker Glass & Paint Co., 372 Pearl
Booth's Art Stained Glass Works, 67 Franklin
Briscall-Miller Co., 58 Genesee
Buffalo Stained Glass Works.
Buffalo Glass Co., 96 Seneca
Frohe Art & Stained Glass Establishment, 220 B'way
Pittsburg Plate Glass Co., 372 Pearl

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Arnold & Locke, 246 Fulton
Hausleiter, Julius & Co., 110 Flabush av
Molic, Frank, 109 Court
Morgan Bros., 707 Gates av
Morgan, Jno. & Sons, 17 Union av
Muelbe, L. F. Co., 1447 Flatbush av
Passarge, A. M., 12 De Kalb av
Pittsburg Plate Glass Co., 635 Fulton
Rice, A. W., 26 Court
Shaw, H. S., 17 Bedford av
Snowden, Geo., 5209 5th av
Stultzle, Charles, 106 S 8th
Summers, Chas., 239 Nassau
Tuckhorn, Francis, 366 Atlantic av
Turno, Chas. H., 2094 Dean

Boroughs of Manhattan & Bronx.

NEW YORK—Armstrong, Maitland & Co., 61 Washington sq S
Blower, Sidney & Leon, 136 Reade
Booth, Chas., 105 E 17th
Calvert & Kimberly, 141 24th
Castle, Montague, 133 W 24th
Church Art Works Co., 151 E 18th
Church Glass & Decorating Co., 28 W 30th
Colgate Art Glass Co., 8 Gansevoort
Crowninshield, Frederic, 42 W 18th
Decorative Stained Glass Co., 46 Wash. sq S
De Luze, Grace S., 3 E 28th
Dougherty, James, 435 W B'way
Empire Ornamental Glass Co., 40 Renwick
Etruscan Art Glass Co., 28 E 20th
Geissler, Rudolph, 56 W. 8th
Grimm, A. C., 43 E 19th
Hamilton, Geo., 424 W. B'way
Heingke & Bowen, 26 E 13th
Henderson Bros., 13 E 30th
Herrlein & Henrich, 99 Hudson
Hogeman, Chas. F., 105 E. 17th
Howard Glass Works, 136 Reade
Janes, Walter & Co., 123 E 23d
Koechig, Julius C., 717 6th av
Kyle Art Glass Co., 509 5th av
Lamb, J. & R., 59 Carmine
Lauber, Jos., 51 W 10th
Maginn, Charles, 17 E 14th
Mayer & Co., 47 Barclay
McCaw, Stevenson & Orr (Ltd.), 11 S William
Morgan, John & Sons, 32 E 9th
Parkhurst Bros., 156 5th av
Quaile, Geo., 147 Columbus av
Quin, Jno. F., 2192 B'way
Rae, G. & Co., 436 W B'way
Rambusch Glass & Decorating Co., 160 5th av
Rawson & Evans, 460 W. B'way
Righter & Kolb, 156 5th av

Sellers, Benj., 80 Bible House
Spencer, Francis S., 3 E 28th
Spiers, Richard N., 859 6th av
Taft & Belknap Galleries, 1 E 40th
Tiffany Glass & Decorating Co., 335 4th av
Tiffany Studios, 333 4th av
Trueg, Louis, 32 E. 9th
Tyrolese Art Glass Co., 53 Barclay
Venetian Art Glass Co., 131 W 24th
Wellenbeck, Louis L., 303 E 48th
Wickham, Julia P., 3 E 28th
Zundel, Emil, 9 E 16th

(END OF NEW YORK CITY)

ROCHESTER—Chapin, Louis S., 38 Exchange
Gustafson, J. H., 77 Main, W.
Haskins & Co., 397 E Main
SYRACUSE—Wood Glass Co., 226 N. Salina
UTICA—Davis', Chas. P. Sons, 8 Noyes
Wagner, Theo. H., 48 Noyes

NORTH CAROLINA.

WILMINGTON—Richards, Ernest V.

OHIO.

CINCINNATI—Art Beveled Glass Works, 133 E 5th
Erkins Glass Co., 633 Main
Gleuny, Wm. Glass Co., 115 W Front
Pittsburg Plate Glass Co., B'way & Court
Riordan, G. C. & Co., 133 E 5th
Ruckel Art Glass Co., 217 W 4th
Sternberg, F. X., 2128 Ravine
Tomoor, L. & Co., Perin bldg
CLEVELAND—Cleveland Window Glass Co., 232 Champlain
Crane Glass & Mfg. Co., 284 St. Clair
Lewis, H. W., 294 St. Clair
Pittsburg Plate Glass Co., 149 Seneca
Teachout, A. Co., 42 Michigan
Woodman, Geo. F., 1296 Euclid av
COLUMBUS—Von Gerichten Art Glass Co., 549 S High
DAYTON—Dayton Art Glass Works, 1st & Madison
STEVENS ART GLASS CO., 28 S St. Clair
SPRINGFIELD—Kyle Art Glass Co.

OREGON.

PORTLAND—Povey Bros. Glass Co., 48 N 6th
Wagner, F. H., 412 Davis

PENNSYLVANIA.

ALLEGHENY—Connolly, Thos. A. & Co., 18 Park Way
Conroy, Prugh & Co., 1436 Western av
Marshall, S. S., 822 Cedar av
Twin City Art Glass Works, 202 Isabella
ERIE—Messenger, Benj., 149 E 10th
PHILADELPHIA—Artistic Stained Glass Wks., 222 N 4th
Bennett, G. S. & Co., 114 N 9th
Bower & Lipman, 1004 Walnut
Callahan, Martin, 413 N 18th
Century Stained Glass Works, Ltd., 212 S 11th
Columbia Stained Glass Works, 25 S 2d
Decorative Glass Co., 43 N 17th
Dukes, Henry Glass Works, 2129 Market
FRENCH, S. H. & CO., 4th & Callowhill. (See adv. index, end of book)
Godwin, Alfred, 1343 Arch
Groves, R. S., 617 S Broad
Gunsch, Moeller & Smith, 504 Arch
Hawkins, A. W., 1823 S 19th
Hensel, C. F., 28 N 5th
Linus, Jas. E., 3751 N. 5th
Marcus Bros., 1017 Arch
New Phila. Stained Glass Works, 1017 Arch
Oesterle Stained Glass Works, 917 Arch
Pittsburg Plate Glass Co., 11th c Arch
Quaker City Stained Glass Works, 504 Arch
Reith, Wm., 134 N 7th
Roeschen, Wm. A., 1224 N 10th
Schmitt, Chas. N., 1234 N 5th
Shaw, Jas. R., 1524 Sansom
Shilling, Albert, 1511 N Marvine
Smith, H. J. & Sons, 236 S 8th
Stackhouse, Robt. J., 262 Diamond
Weigant, August, 1120 Dauphin
PITTSBURG—Commercial Glass Co., Inc., 241 3d av
Kyle Art Glass Co., Lewis blk
Leake & Greene Co., 339 6th av
Oriental Glass Co., Sarah & S 8th
Petgen & Stenholm, 6711 Hamilton av
Pittsburg Plate Glass Co., main and executive offices, Frick bldg; branch office, 103 Wood
Pittsburg Stained Glass Works, 400 Duquesne way
Rudy Bros. Co., S Highland & Center avs
Semmer, Philip Co., 240 3d av
Thompson, Edwin, Lewis blk
Wightman, Thomas Glass Co., 104 Wood
Willett Stained Glass & Decorating Co., 723 Liberty av
READING—Kase, J. M. & Co., 511 Wash'n

RHODE ISLAND.

PROVIDENCE—Rhode Island Glass Co., 127 Wash'n

VIRGINIA.

NORFOLK—Norfolk Art Glass Co., 314 Granby
RICHMOND—Bunce Art Glass Co., 301 N 9th

WASHINGTON.

SEATTLE—Puget Sound Art Glass Co., 9th c Westlake av
Suess & Smith, 2421 Western av

WEST VIRGINIA.

WHEELING—Wheeling Glass Letter & Novelty Co.

WISCONSIN.

LA CROSSE—Art Glass Co.
MILWAUKEE—Milwaukee Mirror Art Glass Works, 203 B'way
Van Horn, Daniel Art Glass Works, 537 17th
OSHKOSH—Wisconsin Art Glass Co., c Pearl & Division

Glass Tanks

Appert Glass Co., 277 B'way, New York

Glass (Vault & Sidewalk, Mfrs.)

Bockius, Chas., Chesterton, Ind.
Canton Glass Co., Marion, Ind.
Co-Operative Flint Glass Co., Beaver Falls, Pa.
Rodefer, T. A. (Tiling for Arch'l Iron Works), Bellaire, O.
Sneath Glass Co., Hartford City, Ind.

Glassware (Chemical & Druggists')

Canton Glass Co., Marion, Ind.
Gillinder & Sons (Inc.), 135 Oxford, Phila., Pa.
Wagner Glass Works (Chemical Glassware & Apparatus), 965 E 132d, New York

Glassware (Railroad Lamp & Lantern)

Adams & Westlake Co., Ontario & N. Franklin, Chicago, Ill.; 2042 N. 10th, Phila., Pa., & 26 Cortlandt, N. Y.

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Alexandria Window Glass Co., Alexandria, Ind.
*American Window Glass Co., Gas City, Ind., & Pittsburg, Pa.
*Anderson Glass Co., Anderson, Ind.
Atlantic Window Glass Co., Magnolia, N. J.
Baker Bros. Glass Co., Arcadia, Ind.
Banner Window Glass Co., Sheridan, Ind.
Baur Window Glass Co., Eaton, Ind.
Bellefonte Window Glass Co., Bellefonte, Pa.
Boyd Glass Co., Mt. Jewett, Pa.
Brownsville Co-Operative Window Glass Co., Brownsville, Pa.
Canastota Glass Co., Canastota, N. Y.
Christiana Window Glass Co., Wilmington, Del.
Clelland Window Glass Co., Hartford City, Ind
Cole, C. P. & Co., Lancaster, O.
Columbus Plate & Window Glass Co., Columbus, O., & Lancaster, O.
Covington Glass Works, Covington, Pa.
Crown Glass Co., Matthews, Ind.
Cumberland Glass Mfg. Co, Bridgeton, N. J.
Cunningham, D. O. Glass Co., 123 S 26th, Pittsburg, Pa.
Diamond Glass Co., Wilcox Pa.
Diamond Window Glass Co., Gas City, Ind.
Durhamville Glass Works, Durhamville, N. Y.
Dunkirk Window Glass Co., Dunkirk, Ind.
Eastern Ohio Glass Co., Barnesville, O.
*Elmira Glass Cutting Co., Elmira, N. Y.
Estep Glass Co., Marion, Ind.
Fitzpatrick Glass Mfg. Co., Falls Creek, Pa.
Ford Plate Glass Co., Rossford, O.
George Window Glass Co., Wilcox, Pa.
Globe Window Glass Co., Findlay, O.
*Hartford City Flint Glass Co., Hartford City, Ind.
*Hazlehurst Window Glass Co., Hazelhurst, Pa.
Ithaca Glass Mfg. Co., Ithaca, N. Y.
King, Wm. & Bro., 113 W Fayette, Baltimore, Md.
La Ruche Window Glass Co., Matthews, Ind.
McKee, S. & Co., S. 13th & Carson, Pittsburg, Pa.
Mahler, J. Glass Co., Dubois, Pa.
Marilla Co-operative Glass Co., Montgomery, W. Va.
Matthews & Sun Glass Co., Matthews, Ind.
Millville Crystal Glass Co., Millville, N. J.
Monongahela Window Glass Co., New Eagle, Pa.
More-Jones Glass Co. (Inc.), Bridgeton, N. J.
Mutual Glass Co., Ithaca, N. Y.
National Window Glass Co., Montpelier, Ind.
New Bethlehem Window Glass Co., New Bethlehem, Pa.
Ohio Falls Co-Operative Window Glass Co., New Albany, Ind.
Pendleton Window Glass Works, Pendleton, Ind.
Penn Window Glass Co., Spring City, Pa.
Pittsburg Window Glass Co., Washington, Pa.
Progress Window Glass Co., Matthews, Ind.
Saginaw Plate Glass Co., Saginaw, Mich.
Smethport Glass Co., Smethport, Pa.
*Swindell Bros., cor Bayard & Russell, Baltimore, Md.
Tuna Glass Co., Bradford, Pa.
Van Cleve Glass Co., Wilcox, Pa.
Vineland Window Glass Co., Vineland, N. J.
Wellsboro Glass Works, Wellsboro, Pa.
Western Glass Co., Streator, Ill.
*Wightman, Thos. Glass Co., 104 Woods, Pittsburg, Pa., & Monongahela City, Pa.
Winslow Glass Co., Matthews, Ind.

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.

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Continuous Glass Press Co., Penna. bldg, Phila., Pa.
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Glass (Wire, for Fire-Proof Windows)

MISSISSIPPI WIRE GLASS CO., 277 B'way, New York; Main & Angelica, St. Louis, Mo., & Monadnock blk, Chicago. (See adv. below)

Glass (Wire, Skylight)

MISSISSIPPI WIRE GLASS CO., 277 B'way, New York; Main & Angelica, St. Louis, Mo., & Monadnock blk, Chicago. (See adv. below)

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Church Glass & Decorating Co., 28 W 30th, N. Y.
Colgate Art Glass Co., 8 Gansevoort, New York
Crowninshield, Frederic, 42 W. 18th, New York
Decorative Stained Glass Co., 46 Wash'n sq, S, New York
Dougherty, Jas., 435 W B'way, New York
Flagg, L. G. & Co., Sudbury bldg, Boston, Mass.
FLANAGAN & BIEDENWEG CO., 57 to 63 Illinois, Chicago, Ill.
Ford Bros., 147 5th av, Chicago, Ill., & Minneapolis, Minn.
Ford & Brooks, 19 Boylston pl., Boston, Mass.
Freeman, Alfred H., 41 University pl, New York
Geissler, R., 56 W 8th, New York
Heinigke & Bowen, 24 E 13th, New York
Henderson Bros., 343 W. 37th, New York
Herter Bros., 369 5th av, New York
Kelley & Co., 62 Surbury, Boston, Mass.
Kinsella Glass Co., 22d & Johnson, Chicago, Ill.
Lamb, J. & R., 59 Carmine, N. Y.
McCully & Miles Co., 76 Wabash av, Chicago, Ill.
Macy, R. H. & Co., B'way & 34th, New York
Morgan, Jno. & Sons, 17 Union av, Brooklyn, N. Y., & 32 E 9th, N. Y.
O'Halloran, Thos. & Sons, 73 Chambers, Newark, N. J.
Passarge, A. M., 12 De Kalb av, Brooklyn, N. Y.
Payne, Geo. H., 247 Market, Paterson, N. J.
Petgen Glass Co., 5th & Hamilton avs, Pittsburg, Pa.
Rae, G. & Co., 436 W B'way, New York
Redding, Baird & Co., 83 Franklin, Boston, Mass.
Righter & Kolb, 156 5th av, New York
Riordan, G. C. & Co., 133 E. 35th, Cincinnati, O.
Spiers, Richard N., 859 6th av, New York
Stevens Art Glass Co., 28 S St Clair, Dayton, O.
Stoltzenberg Co., 51 Barclay, New York.
Summers & Lamb, c Jay & Johnson, Brooklyn, N. Y.
Tiffany Studios, 333 4th av, New York
Tyrolese Art Glass Co., 25 W B'way, New York
Wallis, A. H., 2000 & 2002 Locust, St. Louis, Mo.
Weary & Beck, Marquette bldg, Chicago
Woodman, Geo. F., 1296 Euclid av, Cleveland, O.

Glaziers' Points

(See Points Glaziers.)

Fostoria Bulb & Bottle Co. (Inner), Fostoria, O.
Gillinder & Sons (Inc.), 135 Oxford, Phila., Pa.
Libbey Glass Co., Toledo, O.
Murray, Jas. J. & Co., Trenton av & Willard, Phila., Pa.
Williamsburg Flint Glass Co., 260 Boerum, Brooklyn, N. Y.

Globes for Gas & Electric Lighting

Gillinder & Sons (Inc.), 135 Oxford, Phila., Pa.

Globes for Incandescent Light

Century Glass Co., Bellaire, O.
Clark Bros Glass Mfg. Co., Ellwood City, Pa.
Fostoria Bulb & Bottle Co., Fostoria, O.
Gill & Co. (Inc.), c York & Thompson, Phila., Pa
Gillinder & Sons (Inc.), 135 Oxford, Phila., Pa.
Gleason-Tiebout Glass Co., 99 Commercial, Brooklyn, N. Y.
Holophane Glass Co., 15 E 32d, New York
Murray, Jas. J. & Co., c Trenton av & Willard. Philadelphia, Pa.
Phoenix Glass Co. (Electric & Gas), 13 Murray. New York, & 2d National Bank bldg, Pittsburg, Pa.
Williamsburg Flint Co., 260 Boerum, Brooklyn. N. Y.

Globes (Fresnel, for Steam Ships)

Sneath Glass Co. (All Colors), Hartford City, Ind.

Globes (Lantern)

Century Glass Co. ("Ruby"), Bellaire, O.
Gill Bros. Co., Steubenville, Ohio
Gillinder & Sons (Inc.), 135 Oxford, Phila., Pa.
Libbey Glass Co., Toledo, O.
Lippencott Glass Co., Alexandria, Md.
McKee, S. & Co., 13th & Carson, Pittsburg, Pa.
Macbeth-Evans Glass Co., Empire bldg, Pittsburg, Pa.
Pittsburg, Pa.
Murray, Jas. J. & Co., Trenton av, Willard & Collins, Phila., Pa.
Rodefer, T. A. (For Lantern Mfrs. & Jobbers), Bellaire, O.
Sneath Glass Co. (All Colors), Hartford City, Ind
Williamsburg Flint Glass Co., 260 Boerum, Brooklyn, N. Y.
Wormser Glass Co., 2d & Sylvan av, Pittsburg, Pa.

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Holophane Glass Co., 15 E 32d, New York

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Filghman-Brooksbank Sand Blast Co., 409 Commercial, Phila., Pa.

Glue Mfrs.

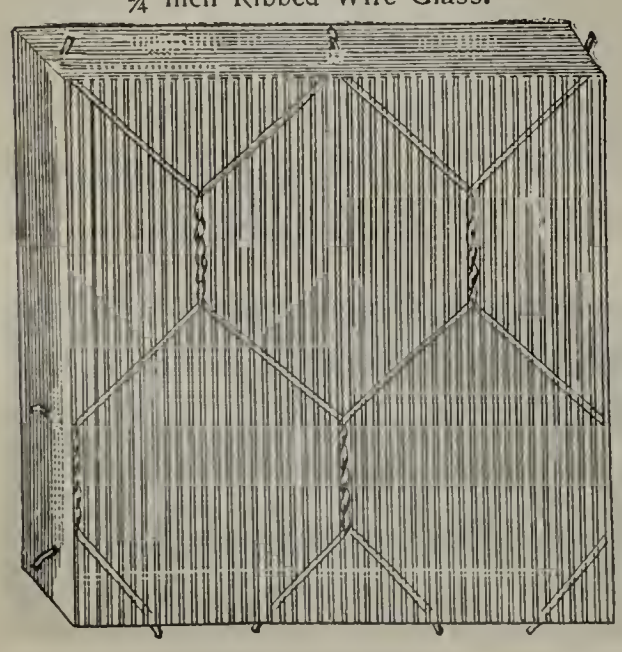
CALIFORNIA.

SAN FRANCISCO—Burd, Wm., 23 Davis
Butcher, L. H. Co., 741 Mission
California Glue Works, 106 Pine
California Paint Co., 22 Jessie
Challenge Glue Co., 16th av So, nr G. st
Pacific Glue Works, 612 7th
Watcher Mfg. Co., 12 Drumm

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WILMINGTON—Delaware Glue Co.

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DISTRICT OF COLUMBIA.

WASHINGTON—Royal Glue Co., 210 N, S. W.

ILLINOIS.

CHICAGO—American Glue Co., 150 Kimzie
Armour Glue Works, 205 La Salle
Baeder, Adamson & Co., 172 Lake
Bailey, C. T. & Co., 138 Wash'n
California Glue Works, 138 Wesh'n
Delany & Coo., 247 S Canal
Dennis, Wm. J & Co., 916 W Lake
Diamond Glue Co., 218 La Salle
Haines, E. H., Ashland blk
Layton Elastic Glue Co., 425 69th
Lister, Jos., 1158 Elston av
Midland Glue Co., Monadnock blk
Spiegel, J. & Co., 218 La Salle
Standard Glue Co., Monadnock blk
Stein, Hirsh & Co., 2597 Archer av
Thurston, F. W. & Co., 29 River
U. S. Glue Co., 193 Lake
Wisdom & Co., 205 E. Lake

INDIANA.

INDIANAPOLIS—National Glue Co., 525 W. 14th
LOGANSPORT—Poowell, Schuyler
NEW ALBANY—Conrad & Krammerer

MARYLAND.

BALTIMORE—Baugh & Sons Co., 36 South
Bullock, Jno. & Son, 205 Smith's Wharf
Coulson, Edw. L., Jenkins lane
Wachter Mfg. Co., 509 W. Pratt

MASSACHUSETTS.

BILLERICA—Jaquith, F. & J.
BOSTON—American Glue Co., 121 Beverly
Armour Glue Works, 49 Purchase
Baeder, Adamson & Co., 68 High
Diamond Glue Co., 70 Kilby
Hammond Glue Co., 121 Beverly
International Glue Co., 121 Beverly
Martin, D. B. Co. (Inc.), 451 Atlantic av
Nash, E. W. Co., 90 Pearl
Standard Glue Works, 91 Oliver
Ward, N. Co., E 1st, ft of I
Whitten, J. O. Co., 68 Western av
GLOUCESTER—Dodd, A. W. & Co., 5 Wharf
Gloucester Isinglass & Glue Co., Eastern av
Russia Cement Co., off Essex av
LOWELL—Holt, Jno. & Co., 270 Tanner
MARBLEHEAD—Marblehead Mfg. Co.
PEABODY—American Glue Co.
SALEM—Atlantic Glue Co.
WOBURN—Baeder, Adamson & Co.
WORCESTER—Darling, L. B. F. Co.

MICHIGAN.

DETROIT—Berry Bros., Wight & Lieb
Michigan Carbon Works, 5 Front
GRAND RAPIDS—G. R. Glue Co.
Wetmore Glue Co.
MUSKEGON—Schneidt. Aug.

MISSOURI.

ST. JOSEPH—Swift & Co., Stock Yards
ST. LOUIS—American Glue Co., 410 Elm
Clarkson Glue Co., 216 N Main
Mathiason, P. B. Mfg. Co., 5342 N. 2d
Reardon Mfg. Co., 1004 N. B'way
St. Louis Glue Mfg. Co., 323 N Main
Tamm Bros. Glue Co., Sarpy av nr Manchester av
U. S. Glue Co., 911 Locust

NEW HAMPSHIRE.

KEENE—Keene Glue Co.

NEW JERSEY.

NEWARK—Baeder, Adamson & Co., Lockwood
Lister Agricultural Chemical Works, Lister av
N. J. Glue Works, 606 Blanchard

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BUFFALO—Blehdon, Victor R., Mooney bldg.
Couch, B. T. & Co., 953 S Park av
GLOVERSVILLE—Fulton County Glue Co.
JOHNSTOWN—Fulton County Glue Co.
Knox, C. B., 217 Chestnut

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BROOKLYN—Arabol Mfg. Co., 58 Nostrand av

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NEW YORK—American Glue Co., 14 Ferry
Applebaum B. Co., 82 Duane
Armour Glue Works, 211 Pearl
Baeder, Adamson & Co., 67 Beekman
Behr., Herman & Co., 75 Beekman
Bird, J. A. & W. Co., 92 WWilliam
Cooper's Peter, Glue Factory, 13 Burling sl
Deike, H., 118 John
Delany & Co., 97 Beekman
Delaware Glue Co., 61 Beekman
Eagle Glue & Curled Hair Co., 2 Dover
Hoyt, Arthur S., 90 W. B'way
Lister's Agr'l Chem'l Works, 26 B'way
Milligan & Higgins Glue Co., 222 Front
National Glue & Gelatine Works, 502 W 45th
National Gum & Mica Co., 502 W. 45th
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Russia Cement Co., 103 Reade
Toch, J.. L. & J., 85 Pearl
Townsend, Chas., 276 Pearl
Waddell, R. J. & Co.. 52 Beekman

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Marienthal, M. & Son, 529 Poplar
Standard Glue Co., 840 W 6th
Stephens & Bro., Miami Canal & Marshall av
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URBANA—Sanders, Robert

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HIGH SPIRE—Rohrer & Morrow
LANCASTER—Lamparter, E. J.
Lamparter, Geo.
PHILADELPHIA—American Glue Co., 142 N. Front
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Delaney & Co., 209 N 3d
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Swoboda, Harry, 323 N 3d
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Ward, Frank, 9 N 41st
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WARREN—Keystone Glue Mfg. Co.

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Bunnell, J. H. & Co., 20 Park pl., & Milford, Conn.
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Electric Gas Lighting Co., 115 Purchase
Gamewell Fire Alarm Telegraph Co., 19 Barclay, New York
Holtzer-Cabot Electric Co., Brookline, Mass.
Marshall-Sanders Co., 301 Congress, Boston
Ostrander, W. R. & Co., 22 Dey, New York
Partrick, Carter & Wilkins, 1231 Callowhill, Philadelphia, Pa.
Pearce, Frederick, 18 Rose, New York
Star Electric Co., Binghamton, N. Y.

Gouges.

Bernz, Otto, S. 13th c. S. Orange av
Mack & Co., Rochester, N. Y.

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Governors (Feed Water)

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Governors (Fire Pump)

Locke Regulator Co., Salem, Mass.

Governors (Gas)

Baylis Company, 140 Washington, New York
Cadman, A. W. Mfg. Co. ("Cadman's"), 2814 Smallman, Pittsburg, Pa.
Connelly Iron Sponge & Governor Co. (Automatic, Balance & Service), 395 B'way, N. Y.
Ford, A., Oakland, Cal.
Lee Gas Governor Co., Providence, R. I.
Leffler, Chas. & Co. ("Automatic"), 63 Clymer, Brooklyn, N. Y.
New Amsterdam Mfg. Co. (The Colonial), 104 Washington, N. Y.

Governors (Gravity)

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Governors (Pump)

(See also Regulators, Pump.)

Acton, John (and Receivers), 116 John, Brooklyn, N. Y.
Albany Steam Trap Co., Albany, N. Y.
Berry Engineering Co., Chester, Pa.
Chaplin-Fulton Mfg. Co., 28 Penn av, Pittsburg, Pa.
Chicago Engineer Supply Co. ("Boylston"), 112 Lake, Chicago
Creamer Steam Specialties Co. (Perfection), 123 Liberty, New York
Davis, G. M. Regulator Co. (Auto. Condenser & Receiver), 145 Milwaukee av, Chicago, Ill.
Davis, Jno. Co. ("Eclipse"), 22d & Halsted, Chicago, Ill.
Dean Bros. Steam Pump Works, Indianapolis, Ind.
De Rycke, Jos., 39 Cortlandt, New York
D'Este, Julian Co., 24 Canal, Boston
Dow, Geo. E. Pumping Engine Co., 179 1st, San Francisco, Cal.
ELEKTRON MFG. CO. ("Electric"), Springfield, Mass.; 179 Lincoln, Boston, Mass.; 408 Orchard, Rochester, N. Y.; 156 5th av, New York, & Washington Loan & Trust Co. bldg, Washington, D. C. (See adv. index, end of book)
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Ford, Thos. P. Co. (Automatic), 81 Centre, New York
Foster Engineering Co., 107 Monroe, Newark, N. J.
Gardner Governor Co., Quincy, Ill.
Harlem Mfg. Co., 42 W 67th, New York
Kieley & Mueller ("Rockaway" Automatic), 7 W 13th, New York
Kitts Mfg. Co., Oswego, N. Y.
Locke Regulator Co. ("Beats-All"), Salem, Mass.
QUIMBY, WM. E. (INC.), 141 B'way, New York. (See adv. index, end of book)
Mason Regulator Co., Boston, Mass.
Metz, A. & Co. ("M. & G."), 132 La Salle, Chicago
Middlesex Machine Co. ("Legg"), Lowell, Mass.
Monash-Younker Co. ("Monarch"), 43 Centre. N. Y., & 201 S. Canal, Chicago
Murray Automatic Boiler Feed Co., Detroit, Mich.
Nash Regulator Valve Co., Detroit, Mich.
Roberts, Geo. I. & Bros., 471 4th av, New York
San Francisco Tool Works, 23 Stevenson, San Francisco, Cal.
Standard Steam Specialty Co. (Utility), 542 W B'way, N. Y.
STRONG, CARLISLE & HAMMOND Co. (The "Squires"), 61 Frankfort, Cleveland, O. (See adv. index, end of book)
Valley Iron Works, Williamsport, Pa.
Van Auken-Clevauc Co. ("Clevauc"), Yonkers, N. Y.
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Watts Regulator Co., Lawrence, Mass.
Williams Gauge Co., 543 4th av, Pittsburg, Pa.
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Wood, R. D. & Co., 400 Chestnut, Phila., Pa.

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Cormack & Co., Rockford, Ill.
Davidson, Thos. P. ("Goodwin" Cut Off), 407 Columbia av., Phila., Pa.
Eclipse Governor Co. (Eclipse), Vicksburg, Mich.
Fisher Governor Co. (Steam Pumping Engine), Marshalltown, Ia.
Gardner Governor Co., Quincy, Ill.
Gunther Mfg. Co., Owensboro, Ky.
Jerecki Mfg. Co., Erie, Pa.
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Judson Governor Co., Rochester, N. Y.
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Moline Tool Co. (Barclay Automatic for Corliss Engines), Moline, Ill.
Monarch Governor & Machine Co., 1263 Barth av Indianapolis, Ind.
Nordberg Mfg. Co. (Automatic Cut-off), 476 Virginia, Milwaukee, Wis.
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Sensitive Governor Co., 140 S Capitol av, Indianapolis, Ind.
Sinker-Davis Co. ("King"), 230 S. Missouri, Indianapolis, Ind.
Skinner Engine Co., Erie, Pa.
Stearns Mfg. Co. ("Sheperd"), Erie, Pa.
Thorpe, Platt & Co. (Marine, Importers), 99 Cedar, New York
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Watts Regulator Co., Lawrence, Mass.

Governors (Water Level)

Johnson Service Co. (For Closed or Open Tanks), Milwaukee, Wis. (For branch offices see Regulators, Heat)

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Dayton Globe Iron Works Co., Dayton, O.
Holyoke Machine Co., Holyoke, Mass.
Humphreys Machine Co., Keene, N. H.
Hunt, Rodney Machine Co., Orange, Mass.
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Woodward Governor Co., Rockford, Ill.

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Chapman, A. F. & Co., White bldg Buffalo, N.Y
Fritsch, Francis Mfg. Co., 223 W McMicken av, Cincinnati, O.
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Grotenrath, Fred, 111 W. Water, Milwaukee, Wis.
Heidenreich, E. Lee, "The Rookery," Chicago, Ill.
Macdonald Engineering Co., Monadnock blk, Chicago, Ill.
Metcalf, John S. Co., Woman's Temple, Chicago, Ill.
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Cutting, G. H. Granite Co. (Milford Pink), Worcester, Mass. Quarries, Milford, Mass.
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Emerson, Troy Granite Co., Fitzwilliam, N. H.
Excelsior Granite Co., Heath Springs, S. C.
Field & Wild, Quincy, Mass.
Flint Granite Co., 1133 Broadway, N. Y.
Flynt, W. N. Granite Co., Macon, Ga.
Georgia Quincy Granite Co., Macon, Ga.
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Gray, Wm. & Sons, 30th & Walnut, Phila., Pa.
Guilford & Waltersville Granite Co., Central Savings Bank bldg, Baltimore, Md.
Hallowell Granite Works, Hallowell, Me., & 53 State, Boston
Ladd, F. M. Co., New London, Conn.
Lahey, Thos., Haverhill, Mass.
Lahey & O'Donnell, Lawrence, Mass.
Leopold, Joseph & Co., 18 B'way, N. Y.
McClenahan Granite Co., Port Deposit, Md.
Maine Red Granite Co., Red Beach, Me.
Maryland Granite Co., Equitable bldg, Baltimore, Md.
Milford Pink Granite Co. (Milford Pink), 1133 B'way, N. Y.; Quarries, Milford, Mass.
Milne & Gordon, Jefferson av n Mo. Pac. Ry., St. Louis, Mo.
MITCHELL, GEO. H., 24 Adams, Chicago, Ill. (See adv. opp. page 543)
Mount Waldo Granite Works, Frankfort, Me., & 277 B'way, N. Y.
NEW ENGLAND GRANITE WORKS. Westerly, R. I.; Concord, N. H.; 489 5th av, New York, & Arrott bldg, Pittsburg, Pa. (See adv. index, end of book)
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North Carolina Granite Corp., Land Title bldg, Phila., Pa.
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North Jay Granite Co., Portland & North Jay, Me.
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Pigeon Hill Granite Co., Rockport, Mass. & West Lebanon, N. H.
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WEGE, CHAS. MARBLE & TILE Co. (Inc.), 375 W Rich, Columbus, O. (See adv. index, end of book)
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Wyatt, Marie Louisa, Salisbury, N. C.

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Maine Red Granite Co., Red Beach, Me.
New Brunswick Red Granite Co., Bangor, Me.
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*Schwallenberg, G.
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*Hippikha, H.
*Jacobson & Co.
*Johnson, Mat
*Johnson, Peter
*Kesti, O.
*Mantylla, John
*Waters, A.
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McGilvray Stone Co., 2d & King
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Kaehrle, Wm., 6 Hamilton
NEW LONDON—**BOOTH BROS. &** Hurricane Isle Granite Co. (Red, Gray, White, etc.) (See adv. opp. this page)
Buckley, Michael
De Avignon Bros.
Ladd, Frank M. Co.
Sayles, Thos.
*Murray Bros.
*Ryan, John J.
NIANTIC—(See Waterford)
ONECO—***NORCROSS BROS. CO. (Gray** Red & Green)
ROXBURY STATION—Mine Hill Quarry Co.
STERLING—*Boswell, J. W. (q)
*Gibson, O. F.
STONY CREEK—Beattie, J. (Est. of).
Bradford Granite Co.
***NORCROSS BROS. CO. (Gray,** Red & Green)
Stony Creek Red Granite Co.
WATERFORD—***BOOTH BROS. &** Hurricane Isle Granite Co.
*Millstone Granite Co.
*Rose, F. M. & Son

DELAWARE.

WILMINGTON—*Battlefield Granite Co.

DISTRICT OF COLUMBIA.

WASHINGTON—*Acker & Co., N Capitol & E, N. W.
Falvey Michael J., Pa av c 21st, N. W.

GEORGIA.

ATLANTA—Cherokee Marble & Granite Co.
Cook Marble & Granite Co.
McWhirter Stone Co.
Ramesay-Brisben Stone Co., Austell bldg
*Venable Bros., 807 Temple Court
Walsh & McAlpin, 35 S Butler
ELBERTON—*Coggins Granite Co.
Elberton Granite Co.
LITHONIA—*Bishop, W. J. & Sons
*Southern Granite Co.
MACON—*Georgia Quincy Granite Co.
SAVANNAH—Dixie Stone Co.
STONE MOUNTAIN—Hill, Carl T.
McCurdy & Thompson
Venable Bros.
TATE—Sickles, Geo. B. & Co.

ILLINOIS.

BLOOMINGTON—Higgins-Jung-Kleiman Co.
Moore, J. K.
CHICAGO—*Amberg Granite Co., 438 Fulton
Anderson, J. H. Granite Co. (dealers), 94 La Salle
Arnold Granite Co., 138 Washington
Bannerman Granite Co., 100 Wash'n
Barclay Bros., 79 Dearborn
Blake, Chas. G. & Co., 184 La Salle
*Bodwell. John F., Western Union bldg
Burke, Robt. E. & Co., 163 Randolph
Dolese & Shepard Co., 184 La Salle
Elsmere Granite Co., 947 N Spaulding av
Edwards & Ward, Fullerton av Bridge
Fenn, C. E. & Co. (Wholesalers), 119 Monroe
Gall, Chas. H., 79 Dearborn
Gall & Co., N Clark, c Graceland av
Laechle & Grotefeld, 84 La Salle
MacLane, Edw., 36 La Salle
Marr & Gordon, 138 Wash'n
MITCHELL, GEO. H., 24 Adams. (See adv. opp. preceding page)
Montello Granite Co., 59 Clark
Newall, Jos. & Co., 184 La Salle
O'Neill, C. J., 120 Randolph
*Pierce, John Co., Western Union bldg
*Pleasant River Granite Co., 184 La Salle
Portland Granite Co., 172 Wash
Prout Bros., 36 Lasalle
Waushara Granite Co., 172 Wash'n
Western Consolidated Granite Co., 138 Wash'n
Western Granite Supply Co., Chamber of Commerce bldg
KANKAKEE—*Brayton & Kerr

INDIANA

BEDFORD—Bedford Steam Stone Wks.
INDIANAPOLIS—Diener, August, 449 E Weshn
LOGANSPORT—Powell, Schuyler

KENTUCKY.

LOUISVILLE—Peter & Burghardt Stone Co.

LOUISIANA.

NEW ORLEANS—Weiblen, Albert

MAINE.

ADDISON—Pleasant River Granite Co.
BANGOR—*Bangor Granite Co.
*Queen City Granite Co.
BIDDEFORD— *Howe, L. B. & Co.
BLACK ISLAND—Dutton, J. E. & Co.
BLUE HILL—*Chase Granite Co.
*White Granite Co.
CALAIS—Butler, J. H.
Douglas Bros.
N. B. Red Granite Co.
FRANKFORT—*Mt. Waldo Granite Works
*Pierce, Hayward
FRANKLIN—Blaisdell, W. B. & Co.
FREEPORT—*Freeport Granite Co.
FRYSBURG—Osgood, J. L.
HALLOWELL—*Hallowell Granite Works
*Tayntor, C. E. & Co.
Tregambon, Wm.
HIGH ISLAND—*William Grey & Sons
HURRICANE ISLE—***BOOTH BROS. &** Hurricane Isle Granite Co. (See adv. opp. this page)
JONESBORO—*Bodwell Granite Co.
***BOOTH BROS. & HURRICANE** Isle Granite Co. (See adv. opp. this page)
LONG COVE—***BOOTH BROS. &** Hurricane Isle Granite Co. (See adv. opp. this page)
MOUNT DESERT—Allen Granite Co.
Campbell & MacComber
MOUNT WALDO—*Mt. Waldo Granite Works
NORTHEAST HARBOR—Graves Bros.
NORTH JAY—*North Jay Granite Co.
Emery. Frank A.
PORTLAND—Hawkes Bros., ft of Wilmot
Leighton, Geo. W. & Co., 327 Stevens av
Mannix Bros., 84 Hanover
*North Jay Granite Co.
Union Granite Co., ft. of Wilmot
RED BEACH—*Maine Red Granite Co.
Mingo & Bailey
ROCKLAND—Bodwell Granite Co. (Red & Gray)
***BOOTH BROS. & HURRICANE** Isle Granite Co. (Red, Gray & White, etc.) See adv. opp. this page)
ST. GEORGE—***BOOTH BROS. &** Hurricane Isle Granite Co. (See adv. opp. this page)
SOUTH THOMASTON—Bassick, N. C. & Sons
Ingram, John
SPRUCE HEAD—*Bodwell Granite Co.
STONINGTON—*Goss, John L.
*Rodgers, John C. & Son
*Ryan & Parker
SULLIVAN—*Dunbar Bros.
VINOL HAVEN—***BOOTH BROS. &** Hurricane Isle Granite Co. (See adv. index, end of book)
WATERVILLE—*Waterville Granite Co.
WEST FRANKLIN—*Bradbury, Frank

MARYLAND.

BALTIMORE—Berry & Tracey, Hamburg & Ohio
Bevan & Sons, Frisby & Belt Line R R
Gault, Wm. A. & Son, 9 E Lex
Graham, Frank F., Calhoun & B & O R R
*Guilford & Waltersville Granite Co., Central Savings Bank bldg
Hilgartner Marble Co., Sharpe & Ostend
Kelly & Beardsley, 920 E Lex
*Leonard, Dan't A., Builders' Exch. bldg
McFrederick, A. J., 813 Harlem av
*Maryland Granite Co., Equitable bldg.
May, August C., 884 W Balto.
Merkel, Henry, 985 Fdk av
Mezger, G. & Son, 1032 W Balto
Maltz, Henry L, 758 W Baltimore
Peat, Wm. & Co., 718 Forrest
Rullman & Wilson, Lex & Mt. Royal avs
Russell, Geo. E., North av & Alsquith
Schaeffer, Frank J., 973 Frederick av
Schwartz, Jno. C., 704 N. Caroline
ELLICOTT CITY—*Werner Bros.
GRANITE—Cavey, Wm.
Weller, Wm. F.
GUILFORD—*Guilford & Waltersville Granite Co.
PERRYVILLE—Perryville Granite Co.
WOODSTOCK—*Peach, Frank & Co.

MASSACHUSETTS.

BOSTON—Anderson Bros. (Importers & Dealers), 707 Centre, J. P.
Barker, Wm. P., 166 Devonshire
Barre Granite & Paving Co., 441 Tremont bldg
Charles River Stone Co., Tremont bldg
Clements, Chas. (Importer, Scotch), 372 Boylston
*Cook & Watkins (Monumental Wholesale), 221 Columbus av
*Cutting, G. H. Granite Co. (Milford Pink), Tremont bldg
Davis Seam Face Granite Co., Barristers Hall
Derry, Chas. T. & Co. (also Contractors), 68 Devonshire
Donahoe, M. J., 305 N Beacon, Br.
Elwell, L. M. (Dealer), 47 Winter
Galameaux, Frank, 785 Mass. av
*Gilbreth Seam Face Granite Co., 176 Federal
Goss, John L., 166 Devonshire
*Granite Railway Co., Equitable bldg
Gundal, Peter & Co., 380 Ashland, Rox
*Hallowell Granite Works, 53 State
Harrington, John, 95 Milk
Hitchcock, Geo. H. Granite Co., 185 Summer
Hobson & Smith, 131 Tremont
Holborn & Mitchell, 131 Tremont
JONES BROS. CO., 161 Summer. (See adv. index, end of book)
Jones, S. O., 479 Meridian E. B.
*Lahey Bros., 9 Cornhill
Magner, David, 3720 Wash, J. P.
*Maine Coast Granite Co., 4 P. O. sq
Milne & Chalmers, 106 Summer
Murray, Henry, 41 Haverhill
*New England Granite Co., 50 Congress
***NORCROSS BROS. CO. (Gray,** Red & Green Quarries at Milford, Mass., Stony Creek, Conn., Windsor, Vt., & Oneco, Conn.). 106 Tremont bldg
*Pigeon Hill Granite Co., 166 Devonshire
Richards, Jno. R. Granite Co., 131 Tremont
Ricker, E., Son & Co., 166 Devonshire
***ROCKPORT GRANITE CO., 31** State. (See adv. preceding page)
Ross, Peter Co., 19 Congress
Smith, H. P. & Co., 21 Haverhill
Sweatt & Gould, 166 Devonshire
Torreys & Co., 61 Beverly
Union Granite Co., 663 Mass. av
Van Amringe Granite Co., 172 Tremont
Walker, A. L. & Co., 3636 Wash'n
Wentworth, O. M., 45 Haverhill
*Westerly Granite Co., 255 Boylston
Weymouth Seam Face Granite, 176 Federal
Weymouth Seam Face Granite Co., 131 State
Willison, E. C., 221 Columbus av
CAMBRIDGE—McDonald, Alex & Son
CHELMSFORD—Carken, Perley
Fletcher, H. E.
*Lahey, Thos. (White)
Marinell & Brown
CAPE ANN—*Cape Ann Granite Co.
†Pigeon Hill Granite Co.
†Rockport Granite Co.
CHESTER—*Hudson & Chester Granite Co.
COLD SPRING—*Ward, John E.
EAST MILTON—*Maguire & O'Heron
FALL RIVER—*Beattie, Wm. (Dealer & Contractor)
*Picard, Israel (also Contractor)
*Wilmot, J. B.
FITCHBURG—*Litchfield, Orin E.
*McCauliff, F. A.
GRANITEVILLE—*Hildrith, Herbert V.
*Palmer, L. P.
*Wright, Hammett D.
HAVERHILL—*Lahey, Thos.
LANESVILLE—Barker, Wm. P.
*Cheves, Wm. R.
LAWRENCE—Lahey & O'Donnell
LINWOOD—*Blanchard Bros. Granite Co.
LYNN—Blethen, Curry & Co.
MILFORD—*Cutting, G. H. Co.
Carroll Bros.
Fan, C. L.
*Milford Pink Granite Co.
Milford Quarry Co.
***NORCROSS BROS. CO. (Gray,** Ross-Hogan Granite Co. Red & Green)
†Ross, Peter Co.
MONSON—*Flynt, W. N. & Sons

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MAINE WHITE, Waldobord, Me.
JONESBORO RED, Jonesboro, Me.
LONG COVE, Tenant's Harbour, Me.
ATLANTIC, St. George, Me.
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U. S. CUSTOM HOUSE, NEW YORK, (CASS GILBERT, Archs.) Hurricane Isle Granite
NEW WING, WILLIAMSBURGH SAVINGS BANK, (HELMLE, HUBERTY & HUDSWELL, Archs.) Jonesboro and Conn. White Granite
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†Badger Bros., W Quincy
Barnicoat, Fred., S Quincy
Birnie & Dyack, S Quincy
Bishop, J. H. & Co., W Quincy
Bizzozero, E. & Co., W Quincy
Burke, Thos. F. & Bros., W Quincy
Carey Bros., W Quincy
Clark & Pierce, W Quincy
Cole, John, S Quincy
Columbia Granite Co.
Cook, M. E. & Co., S Quincy
Cook & Watkins, S Quincy
Craig, F. & Co., S Quincy
Craig, Jas. & Co., S Quincy
Deacon Bros., S Quincy
*Deane, A. M. & Co., W Quincy
Desmond, J. F., W Quincy
Di Bona Bros.
*Djerf & Winquist
Eagle Polishing Co. (Polishing)
Elcock & Sons, W Quincy
Erickson, Andw. G. & Co., W Quincy
*Field & Wild
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Fuller, F. W., W Quincy
Fuller, Foley & Co., W Quincy
Galvin Granite Co.
Garrity, Philip F., W Quincy
Glencoe Granite Co.
*Granite Railway Co. (also Polishing), W Quincy
Hardwick, C. H. & Co., W Quincy
Hayes, D. & Sons, W Quincy
Hughes, P. F. & Sons, (Polishers), W Quincy
Igo, John & Co., S Quincy
Joss Brothers Co.
Kavanagh Bros.
Kavanagh Bros. & Co., W Quincy
Lavers, John
Leclair Bros.
*Le Page, Peter
Long & Saunders, S Quincy
Lyons Granite Co.
McDonald, M. A. & Co. (Polishers)
McDonnell & Kelly, S Quincy
†McDonnell & Sons
McGillvray & Jones, S Quincy
McGrath Bros., S Quincy
McInniss, Wm. & Co. (Polishing)
McIntosh & Sons, S Quincy
*Mainati, A.
Mannex, T. F., W Quincy
Marnock, Alex. & Co., S Quincy
*Merry Mount Granite Co., S Quincy
*Milne & Chambers (also Polishing), S Quincy
Mitchell Granite Works, S Quincy
Mitchell, Thos. (Polishing)
Murray Bros.
Owens, M., W Quincy
*Quincy Granite Quarries Co.
Reinhalter, John B., W Quincy
Richards, John R., S Quincy
Sahlsten, Carl Theo.
Shea, William & Son, W Quincy
Smith, John (Polishing)
Smith Granite Co., S Quincy
Smith, Thos. W. & Co. (Turning & Polishing), S Quincy
Smith & Marshall
Sonten & Morrison
Spargo, Wm. T., S Quincy
Swingle & Falconer, S Quincy
Swithin Bros. Granite Co. (also Polishing)
Thomas & Miller, S Quincy
*Thompson, John & Sons (also Polishing)
Townsend, Wm. C. & Co.
Vogle, Adam & Sons, W Quincy
Vogle, Joseph H., S Quincy
Walker, Jos., W Quincy
White, James N. & Sons, W Quincy
Willison, E. C. Co.
Wilson, Chas., S Quincy
Wolfe, John, W Quincy
Wollastan Granite Co.
ROCKPORT—*Lahey, Thos. (Dark Gray)
†ROCKPORT GRANITE CO. (See adv. page 541)
SALEM—*Metropolitan Granite (Blue, Pink & White Dimension Stock)
O'Rourke Bros.
SPRINGFIELD—Cook, Wm. F., 182 State
McGregory & Casman, 531 Main
*Stone, A. D. & Co., 233 Liberty
UXBRIDGE—*Blanchard Bros. Granite Co.
WEST CHELMSFORD—*Fletcher, H. E. & Co.
WESTFORD—*Lahey, Thos.
WEST QUINCY—Mannex, T. F.
WHITINSVILLE—*Blanchard, Geo. M.
WORCESTER—*Ballard Granite Quarries
Bishop, J. W. Co., 107 Foster
Brosman, Thos.
*Cutting, G. H. Granite Co.
Davis Bros.
Kirby & Co.
Kittredge, J. J.
Loughlin & Crowley
***NORCROSS BROS. CO.** (Gray, Red & Green). Quarries at Milford, Mass., Stony Creek, Conn., Windsor, Vt., & Oneco, Conn. 12 E Worcester
O'Toole, Austin & Sons
Phillips, J. & F.
St. Germain, Chas.
†Troy White Granite Co., 10 E Worcester
*Webb Granite & Construction Co., 44 Crescent
Wilson, Martin, 174 Prescott
Windsor Green Granite Co., 10 E Worcester

MINNESOTA.

JASPER—*Rowe Bros.
LITTLE FALLS—Davidson Granite Co.
MINNEAPOLIS—Drake Mantel Tile Co., 510 2d av, S
Jones, A. P., B'k of Com bldg
Juve, H. O., 714 Cedar av
Lakewood Granite & Marble Works, 3529 Hennepin av
Minneapolis Granite & Marble Works, 411
ST. CLOUD—*Brooks Granite Co. W 26th
*Holes Bros.
Noren, L. E. & Son
*St. Cloud Granite Works
*Simmers & Campbell

MISSOURI.

GRANITEVILLE—Schneider Granite Co.
*Syenite Granite Co.
KANSAS CITY—Rice, Marshall H., 909 Baltimore av
Woodlawn Granite Co., 4509 E 15th
KNOB LICK—*Milne & Gordon Granite Quarry
ST. JOSEPH—Abercrombie Stone Co., 4th & Angelique
Pfeiffer Stone Co., 618 S 4th
ST. LOUIS—Breen, Jno., 7301 Flarissant av
Bruce, Geo. F. (Red), 2221 Rutger
Eyermann, G. Jr., & Bro., 1216 S Grand av
Filsinger & Fruth, 1617 Wash av
Follenius, R. H., 508 Chouteau av
Hodges, Wm. R., Laclede bldg
McCarthy, Jno. H., 6457 Flarissant av
McCormick, Patrick, 2712 Walnut
Marquardt, H. Marble & Granite Co., 1212 Clark av
*Milne & Gordon, Jeff av & Mo P R R
Missouri Granite & Construction Co., 3410 Gratiot
Pickel Marble & Granite Co., 1901 N B'way
*Schneider Granite Co., Fullerton bldg
*Syenite Granite Co., 125 S 4th
*Twen Cen Granite Co. (Gray, Blue & Green), 421 Olive
Western Granite Co., 105 N 7th

NEBRASKA.

OMAHA—Bloom, J. F. & Co.

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ALBANY—*Lahey, Thos. (Dark, White or Gray)
ALLENTOWN—(See Suncook)
BROOKLINE—*O'Rourke Bros.
CONCORD—*Anderson, Ola
Clancy & Co.
Clark, F. R.
Collins, B. J. Co.
Concord Granite Co.
Crote, M. M.
Crowley & Quinn
Cummings Bros.
Cushing, Henry E.
Dee, Thomas
Dunstam, Thos.
Flood, J. H.
Foley Bros.
*Fox, Thomas
Gannon, M. G. & Son
Grant, A. & Co.
Harrison & Duffy
*Henneberry, Jno.
Hosking, J. R.
Howard, Wm.
Hyland Granite Co.
Lougee, W. S. & Co.
McAlpine, A. G. & Co
McGuire, Wm.
Nawn, Thomas
***NEW ENGLAND GRANITE WKS.** (See adv. index, end of book)
New Hampshire Granite Co.
*Perry, W. H.
Phillips & Sanders
*Racine, Oliver
Smith, S. & Son
Swain, O. F. Co.
*Swenson, John
Trenoweth & Togg
Trenoweth & Co.
Wall, C. W.
Weathers, Dan'l
CONWAY—*Lahey, Thos. (Pink)
DOVER—Smalley, Fred C.
DURHAM—*Chesley, D. & Co.
EXETER—Greeley, Lyman B.
FARMINGTON—Pride, H. W.
*Pride, J. T.
*Swenson, John
FITZWILLIAM—*Emerson Troy Granite Co.
*Troy Granite Co.
FITZWILLIAM DEPOT—*Angier, R. L.
Blodgett, Wm. E. & Co.
Emerson Granite Co.
Rosazza & Norza
Thompson & McKinley
Thompson, S. B.
Wilson, A. F.
FRANKLIN—Dana, Peter
MADISON—*Lahey, Thos. (Pink)
MARLBORO—*Webb Granite & Construction Co.
MASON—Grant, James & Co.
MILFORD—Bishop, J. B.
Burnett Bros.
Carlton, J. K.
Carron Bros.
Columbia Granite Co.
Comolli Bros.
*Daniels, D. L. & Co.
*Drew, F. D. Granite Works
Felli, P. C. & Co.
*Finerty, E.
Finerty, J. W.
Hayden, Henry W.
Ingram Bros.
*Kittredge, E. G.
McFarlane, George
*Milford Granite Co.
*New Westerly Granite Co.
*Perham, Newton
*Stevens Granite Co.
Thompson, Jos. R.
Tonelli & Sons
Union Granite Co.
Whitehead, Wm. E. (Polishing)
Work, Jas.
Yule, Jno. Granite Works
NASHUA—Fuller, Tilson D.
Lemay Granite Co.
Mulvanity, T. E.
*Nashua Granite Co.
PELHAM—*Lahey, Thos. (White)
PENACOOK—Anderson & Fox (Polishers)
*Hanson, S. L. & Co.
RAYMOND—*Lahey, Thos. (White)
REDSTONE—*Redstone Granite Co.
ROCHESTER—*Hawkes, E. M.
SUNAPEE—*Lake Sunapee Granite Co.
SUNCOOK—*Bailey, Charles A.
TROY—*Troy White Granite Co.
WEST CONCORD—Concord Granite Co.
Swenson, Jno.

NEW JERSEY.

HOBOKEN—Couch, Thos.
NEWARK—Panther Hill Granite Co., 812 Board

NEW YORK.

ALBANY—*Flint Granite Co., 46 N Pearl
Newport Granite Co.
Schelling Granite Works
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—*Grattan & Jennings, ft of Main
GENEVA—Potter, W. G. & Son
HORNELLSVILLE—Babcock, W. W. Co.
KINGSTON—Donovan, Daniel E. (Building, Crushed Meal, etc.)
NEWARK—Gaslin, Geo. B.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Arnold, W. A., 56 Milton
Augusta Granite Co., 215 Montague
Benvenue Granite Co., 215 Montague
Columbia Granite Co., 215 Montague

Connell & Mason, 367 Fulton
Dolan, Richard, 291 Greenpoint av
Engeman, Wm. A., 215 Montague
Feitner, John, 24th n 5th av
Hall's J. Son, Crescent c Jamaica av
Hynes, John, 3d n 3d av
Lannigan, Roger, De Kalb av n Wyckoff av
Noll, Geo. H., Crescent n Jardine pl
*Pochuck Granite Co., 26 Court.
Stillger, John, 268 24th
Union Granite Co., 189 Montague

Boroughs of Manhattan & Bronx.

NEW YORK—Albertson, Kerr F., 1133 B'way
Baird, Matthew, Contracting Co., 433 E 92d
*Batterson, J. G., 489 5th av
BATTERSON & EISELE, 431 11th av. (See adv. index, end of book)
Best, Jno., 520 E 80th
***BOOTH BROS. & HURRICANE** Isle Granite Co. (Red, Gray & White, 207 B'way. (See adv. index, end of book)
Brickwell, V., 466 Cherry
Bronx Granite Co., 393 Pearl
*Chase Granite Co., 11 B'way
*Clark's Island Granite Works, 1909 Amsterdam av
Clinton Point Stone Co., 170 B'way
Cutting, G. H. Granite Co., 42 E 23d
Dalrymple-Hastings Co., 1133 B'way
Davidson Bros. Marble Co., 17 Park row
Dolan, James, ft E 104th
Donovan, John J. (Granite, Crushed, Meal, etc.), 203 B'way
*Dutton, James E., 42 E 23d
Dyer, J. N. & Son, 410 E 92d
Eastern Stone Co., ft E 104th
*Flint Granite Co., 1133 B'way
Foland, Peter, 2538 Park av
French, H. Q., 170 B'way
Gilbreth Seam Face Granite Co., 13 Park row
Herow, Jos., E 139th c 5th av
Leopold, Jos. & Co., 18 B'way
Lokietz, Abraham, 80 Norfolk
McGrath, M. & Co., 49 E End av
McGrath, M., ft E 81st
Manhattan Monument Co., 215 W 125th
Marks, E. Edmund, 229 B'way
*Milford Pink Granite Co. (Milford Pink), 1133 B'way. Quarries, Milford, Mass.
Mohegan Granite Quarrying Co., 22 William
Mollison, Matthew T., 156 5th av
***NEW ENGLAND GRANITE WKS.** 489 5th av. (See insert opp. this page)
New York Granite Co., 1133 B'way
*N. Y. & Maine Granite Paving Block Co., 277 B'way
New York & Massachusetts Granite Works, 948 B'way
***NORCROSS BROS. CO. (Gray, Red** & Green; Quarries at Milford, Mass., Stony Creek, Conn., Windsor, Vt., & Oneco, Conn.), 160 5th av. (See adv. index, end of book)
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Grates (Fresh Air)

Fee & Mason, 68 Beekman, N. Y.

Grates (Gas, Parlor)

Schneider & Trenkamp Co. ("The Reliable"), 479 Case av., Cleveland, O., & 62 S Canal, Chicago, Ill.

Grates (Hollow Blast)

(See Grate Bar Mfrs.)

Grates (Rocking)

(See Grate Bar Mfrs.)

Grates (Shaking & Dumping)

(See also Grate Bar Mfrs.)

Donegan & Swift (Swift's Imperial Clinker Crushing), 6 Murray, New York
Erie Engine Works (and Stationary), Erie, Pa.
Foster, F. W. Mfg. Co., 6 Portland, Boston, Mass.
Frick, Horace E. Co. ("Frick" Shaking Crushing & Dumping Grate Surface, etc.), 715 St. James, Phila., Pa.
Kutztown Foundry & Machine Co., Kutztown, Pa., & Fidelity bldg, Phila., Pa.
Lahman, W. H. ("Lahman-Kirkwood" Dumping & Shaking), 59 Indiana, Chicago, Ill.
McClave-Brooks Co. (& Cut-Off), Scranton, Pa.
Martin Grate Co. ("Martin" Anti-Friction Rocking), 281 Dearborn, Chicago, Ill.
Mershon Patent Shaking Grate Works, 1203 E Filbert, Phila, Pa.
Moore, E. J. Machine & Foundry Co. (Shaking & Rocking), 2227 Wood, Phila., Pa.
Neemes Bros., Troy, N. Y.
Myrick Machine Co., Olean, N. Y.
New York Grate Bar Co. (Coe's"), Jersey City, N. J.
Reagan Grate Bar Co., 209 N Front, Phila., Pa.
Salamander Grate Bar Co. ("Aetna"), 126 Liberty, New York
Scranton Steam Pump Co. ("Lippincott"), Scranton, Pa.
Steam Boiler Equipment Co. ("Cyclone" Shaking & Dumping), 20 W Houston, New York. Works, 114 Front, Brooklyn, N. Y.
Thompson, Richard & Co. ("Aetna"), 126 Liberty, New York
Treadwell, M. H. & Co. ("Treadkill"), 95 Liberty, New York
Union Steam Specialty Co. (Lippincott), Scranton. Pa.
Willoughby, Alfred B ("St. John"), Bourse bldg, Phila., Pa.

Grates (Traveling Link)

Green Engineering Co., Western Union Bldg., Chicago

Grates (Ventilating)

Jackson, Edwin A. & Bro., 50 Beekman, N. Y.

Grates (Warm Air)

Auer Register Co. (For Furnace Heating), Toledo, O.

Grease (Axle)

Brooks Oil Co., Cleveland, O.
Delaney Oil & Lubricating Co., Milwaukee, Wis.
Dixon, Jos. Crucible Co., Jersey City, N. J.
Fiske Bros. Refining Co., 59 Water, New York
Frazer Lubricator Co., 31 Superior, Chicago, Ill.
Freedom Oil Works Co., Freedom, Pa.
Galena Axle Grease Co., Galena, Ill.
Globe Oil Co., Cleveland, O.

Houghton, E. P. & Co., 240 W Somerset, Phila., Pa.
Ilslay, Doubleday & Co., 229 Front, N. Y.
Johnson, F. C., Kishwaukee, Ill.
Monitor Oil Co., Cleveland, O.
Smith & Nichols, 145 Front, N. Y.
Snow Flake Axle Grease Co. (also Coach Oil), Fitchburg, Mass.
Standard Oil Co. of New York, 666 Hudson, N. Y.
Stuart, D. A. & Co. (Inc.), 447 Illinois, Chicago, Ill.
Swan & Finch Co., 151 Maiden la, N. Y.
Warren Specialty Co., Warren, Pa.
Winn, Wm. R. ("Winn" also Axle Oil), 143 Maiden lane, New York, & Springfield, Mass.
World Refining Co., Easton, Pa.

Grease (Cable & Elevator Shaft)

ATLAS PAINT CO., 2638 Liberty av, Pitsburg, Pa. (See adv. index, end of book)

Grease Cups

(See Lubricators; also Oil & Grease Cups.)

Grease Extractors

(See Oil & Grease Extractors.)

Grease (Wire Drawing)

Houghton, E. F. & Co., 240 W Somerset, Phila, Pa.

Green House Builders

Gibbons, H. W. & Co., 136 Liberty, N. Y.
Hitchings & Co., 233 Mercer, N. Y.
Jacobs, S. & Sons, 825 Greenwich, New York, & Brooklyn, N. Y.
Johnson, Geo. H., Arlington, Mass.
Kay, Wm. H. Co., 244 Fulton, N. Y.
Lord & Burnham Co., Irvington, N. Y., & 1133 B'way, N. Y.
National Skylight & Construction Co., Culver av, Jersey City, N. J.
Pierson-Sefton Co., West Side av, Jersey City, N. J.
Plenty, Josephus, 215 Randolph av, Jersey City, N. J.
Rendle, Arthur E., 116 Nassau, N. Y.
Scollay, John A. (Est. of), 74 Myrtle av, Brooklyn, N. Y.
Stearns, A. T., Lumber Co., Neponset, & 166 Devonshire, Boston, Mass.
Weathered Co., 46 Marion, N. Y.

Green House Materials

Jacobs, S. & Sons, 825 G'wich, New York, & Flushing av nr Metropolitan av, Brooklyn, N. Y.
Selden Cypress Door Co., Palatka, Fla.
Stearns, A. T., Lumber Co., Neponset, & 166 Devonshire, Boston, Mass.

Green House Tables & Shelving (Slate)

Allen's, S. Sons, Fair Haven, Vt.
Hanger's, S. R., Slate Works, Hydeville, Vt.
Hydeville Marbleized Slate Mantel Co., Hydeville, Vt.
Monson Maine Slate Co., 113 Devonshire, Boston. Mass.
Penrhyn Slate Co., 493 E 138th, New York
Williams Slate Co., Arvonia, Va.

Green House Ventilating Appliance

Carmody, J. D., Evansville, Ind.
Chadborn Mfg. Co., Newburgh, N. Y.

Green House & Hot Bed Sash

Stearns, A. T., Lumber Co., Neponset, & 166 Devonshire, Boston, Mass.

Grille, Fret & Lattice Work

Acme Parquet Floor Co., 4703 Cottage Grove av, Chicago, Ill.
American Parquetry Floor Co., 143 S 13th, Phila., Pa.
Art Furniture & Grille Co., Seattle, Wash.
ARCHITECTURAL DECORATING CO., 204 Illinois, Chicago. (See adv. index, end of book)
Bartelsen Adjustible Grille Co., 303 S Clinton, Chicago, Ill.
Bossert, Louis & Son, Grand st. & Newtown Creek, B'klyn, N. Y.
Boynton & Co., 67 W Wash'n, Chicago
Buffalo Grille Co., 270 Court, Buffalo, N. Y.
Bush & Mallett Co., 328 Post, San Francisco, Cal.
Cutting, Henry, 233 Mortimer. Buffalo, N. Y.
Davis, E. J. Mfg. Co., 251 W 21st, Chicago, Ill.
DECORATORS SUPPLY CO., 209-219 S Clinton, Chicago, Ill. (See adv. index, end of book)
Dupree, Jno. & Co., 329 Taylor, Grand Rapids, Mich.
Essex Wood Turning Co., Essex, Conn.
Frey, J. W., 539 S B'way, Los Angeles, Cal.
Frier, Geo. L., Tacoma, Wash.
Grand Rapids Carved Moulding Co., Grand Rapids, Mich
Gunther, Louis, 752 W Lake, Chicago, Ill.
Harris & Cole Bros. (Wholesale Mfrs.), Cedar Falls, Ia., & Columbia, Tenn.
Heaton & Wood, 1706 Chestnut, Phila., Pa.
Herr, Jno. Floor Co., 1822 Olive, St. Louis, Mo.
Hyde-Murphy Co., Ridgway, Pa.
Inland Floor Co., 422 Sutter, San Francisco, Cal.
Kalamazoo Grille Co., Kalamazoo, Mich
Keddy Grille Co., Detroit, Mich.
Kelly Bros. Co., 5336 Armour av, Chicago, Ill.
Lideil & Williams, 597 Austin av, Chicago, Ill.
Lorenzen, Chas. F. & Co., 278 N Ashland av, Chicago, Ill.
McIntosh, Alex., 21 E 20th, N. Y.
McMillen, R. Co. (Wholesale Mfrs.), Oshkosh, Wis.
Nelson, Chas., 701 W Lake, Chicago, Ill.
New York Carved Moulding Co., 771 1st av, N. Y.
Northwestern Grille Works, 1458 Milwaukee av, Chicago, Ill.
Ocker & Ford Mfg. Co., Grand Rapids, Mich.
Pasadena Mfg. Co., Pasadena, Cal.
Reynolds, H. W., c Race & Terrace, Meadville, Pa.
Roach & Musser Sash & Door Co. (Wholesale & Retail), Muscatine, Ia.
Sandry, John, 758 Fulton, Brooklyn, N. Y.
Simmons, J. Lee, 424 N. J. av, N. W., Washington, D. C.
Smith, John A., 456 S B'way, Los Angeles, Cal.
Smith & Young, 723 Market, San Francisco, Cal.
Stearns, A. T., Lumber Co., Neponset, & 166 Devonshire, Boston, Mass.
Terwilliger Mfg. Co., 23d & 5th av, N. Y., & 302 Fulton, Brooklyn, N. Y.
Western Grille Mfg. Co., 803 W Madison, Chicago, Ill.
Weybrecht's J. T. Sons, Alliance, O.

Grille or Fret Work (for the Trade Only)

Bigg, B. F. Pump Co., Lafayette, Ind.
Cream City Sash & Door Co. (for the Trade Only), Milwaukee, Wis.
Curtis Bros. & Co., Clinton, Ia.
Curtis & Bartlett Co., Lincoln, Neb.
Curtis & Yale Co., Wausau, Wis.; Lumber Exch., Minneapolis, Minn., & 79 Grand av, Milwaukee, Wis.
Foster-Munger Co., W 20th & S Sangamon, Chi-
Gauger, John A. & Co., W 22d & Laflin, Chicago, Ill.
Disbrow, M. A. & Co., Lyons, Ia.
Gould Mfg. Co., Oshkosh, Wis.
Harris & Cole Bros., Cedar Falls, Ia.
McMillen, R. Co., Oshkosh, Wis.
Morgan Co., Oshkosh, Wis., & W 22d & S Union. Chicago. Ill.
Paine Lumber Co., Oshkosh, Wis., & 1 Madison av, New York
Palmer, Fuller & Co., Oshkosh, Wis., & 2244 Lumber, Chicago, Ill.
Peirce, W. E. & Co., Milford, N. H.
Roberts, E. L. & Co., W 22d & Union, Chicago, Ill.
Rock Island Sash & Door Works, Rock Island, Ill.

Grilles (Brass & Bronze)

Aetna Iron Works, 21st & Papin, St. Louis, Mo.
AJAX IRON & WIRE CO., 75 York, Brookiyn, N. Y.
AMOS, CHAS. & CO., 94 W Larned, Detroit, Mich. (See adv. index, end of book)
Anderson, Henry C., 414 Bleecker, N. Y.
Atlanta Wire & Iron Works, 64 N Broad, Atlanta, Ga.
Baker Mfg. Co., Allegheny, Pa.
Balderston, H. & Son, 119 Light, Baltimore, Md.
Barnum, E. T. Wire & Iron Works, 99-105 Shelby, Detroit, Mich.
Booth, John (Brass), 14 N Canal, Chicago, Ill.
New York
BRADLEY & HUBBARD MFG. CO., Meriden, Conn. (See adv. index, end of book)
Brullesbach & Rieck, 8 Spruce, Hartford, Conn.
Buckley-Hart Mfg. Co., 527 Franklin, Detroit, Mich.
CABARET, PAUL E. & CO., 342 W 14th, New York. (See adv. index, end of book)
Central Architecturel Iron Works (Inc.), Fisher bldg, Chicago, Ill.
Champion Iron & Wire Works, 617 S 16th, Omaha. Neb.
Chicago Ornamental Iron Co., 37th & Stewart av, Chicago, Ill.
CINCINNATI MFG. CO., 1243 W 6th, Cincinnati, O. (See adv. index, end of book)
Cleveland Ornamental Fixture Co., 60 High, Cleveland, O.
Darby, Edward & Sons (Brass), 233 Arch, Philadelphia, Pa.
Denver Wire & Iron Works Co., 1401 Market, Denver, Col.
Dimond, Thomas, 128 W 33d, New York
FLOUR CITY ORNAMENTAL IRON Works, 27th av & 27th S. Minneapolis, Minn. (See adv. index, end of book)
Fruhling, Wm. A., 218 S Los Angeles, Los Angeles, Cal.
Gaumer, J. L. Co., 19th & Hamilton, Phila., Pa.
Globe Iron & Foundry Co., 901 Victor, St. Louis, Mo.
Globe Wire & Iron Works, Attkinson av, Milwaukee, Wis.
GORHAM MFG. CO., B'way & 19th New York. (See adv., Front Stencil)
Gould's, M., Son & Co., 83 Reade, New York, & 61 Hamilton, Newark, N. J.
Harlander & Edelmann, 464 10th av, New York
HECLA IRON WORKS, 118 N 11th, Brooklyn, N. Y. (See adv. index, end of book)
Howard, Jas. L. & Co., Hartford, Conn.
Howard & Morse, 45 Fulton, New York
JACKSON, WM. H. CO., 29 E 17th (Union Square), New York. (See adv. index, end of book)
Janusch, F. G. (Est. of). 750 E 134th, N. Y.
Judd, H. L. Co., 87 Chambers, New York
Kleeman, Trotter & Co., 1327 Main, Kansas City, Mo.
Lasar-Letzig Mfg. Co., 16th & O'Fallon, St. Louis, Mo.
Lobel, Andrews Co., 531 W 55th, New York
Ludlow-Saylor Wire Co., 4th & Elm, St. Louis, Mo.
McIntosh, Alex., 21 E 20th, New York
McMurray, Robt. T. & Bro., 287 4th av, New York, & 365 Harmon, Brooklyn, N. Y.
Manhattan Brass Co., 338 E 28th, N. Y.
Megquier & Jones, Portland, Me.
Midland Metal Co. (Inc.), 1427 Catharine, Phila., Pa.
Mott, J. L. Iron Works, 84 Beekman, New York; Boston, Philadelphia & Chicago
Murdock Corporation, 156 Boylston, Boston,
Nacke, A. & Son, 723 Sansom, Phila., Pa.
National Mfg. Co., 19 Union, Worcester, Mass., & 103 Chambers, New York
Ornamental Iron & Wire Co., Portsmouth, Va.
Phoenix Steel Construction Co., Penn av & 3d, Pittsburg, Pa.
Pioneer Iron & Wire Works Co., 1437 Market, Denver, Colo.
PITT, WM. R., COMPOSITE IRON WORKS, 111 5th av, New York. (See adv. index, end of book)
Prince & Kinkel Iron Works, 553 W 33d, N. Y.
Purcell, N. F. & Co., 232 N Clinton, Chicago, Ill.

Queen City Wire Works, 193 Seneca, Buffalo, N. Y.
RICHEY, BROWNE & DONALD, Maspeth, Borough of Qucens, N. Y. City. (See adv. index, end of book)
Roberts-Goss Co., St. Paul, Minn.
Sanford, Tbos. F., 193 Seneca, Buffalo, N. Y.
Scbreiber, L. & Sons Co., 8th & Eggleston av, Cincinnati, O.
SMITH, F. P. WIRE & IRON WORKS, 100 Lake, Chicago, Ill. (See adv. index, end of book)
Snead Arch'l Iron Works, 710 14th, Louisville, Ky.
SNEAD & CO. IRON WORKS, Jersey City, N. J. (See adv. index, end of book)
Snow Wire Works Co., 76 Exchange, Rochester, N. Y.
STANDARD CO., W. 15th & Laflin, Chicago, Ill. (See adv. index, end of book)
Stidman & Co., 16 N Fredcrick, Baltimore, Md.
Strawbridge & Cbase, 228 Arch, Phila., Pa.
Streib & May (Brass), 211 E Randolpb, Cbicago,
Syracuse Wire Works, Syracuse, N. Y. Ill.
TAYLOR & DEAN, 205 Market, Pittsburg, Pa. (See adv. index, end of book)
Thompson, Hervey, 176 E 119th, New York
Tuerck, I. K. (Brass), Davis & 9th, Portland, Oregon
TYLER, W. S. CO., 1150 St. Clair, Cleveland, O.; 11 B'way, New York, & Bessemer bldg, Pittsburg, Pa. (See adv. index, end of book)
Union Equipment Bronze Co., 514 W 36th
VAN KANNEL REVOLVING DOOR CO. Home Office 524 E 134th, New York. (See adv. index, end of book)
VULCAN CO., Detroit, Mich. (See adv. index, end of book)
Whyte, Oliver & Co., 17 Cornhill, Boston, Mass.
Williams, John, 544 W 27th. N. Y.
WINSLOW BROS. COMPANY, main office and works, 368 Carroll av, Chicago, Ill.; 160 5th av, N. Y.; 326 4th av, Pittsburg, Pa.; Colonial Trust bldg, St. Louis, Mo.; Hennen bldg, New Orleans, La.; 121 New Montgomcry, San Francisco, Cal., & Andrus bldg, Minneapolis, Minn. (See adv. index, end of book)
WRIGHT WIRE CO., Worcester, Mass. (See adv. index, end of book)

Grilles (Spring Hinges for)

BOMMER SPRING HINGES

257 to 271 Classon av, Brooklyn, N. Y. (See adv. index, end of book)
Columbian Hardware Co., Coe & Hamilton, Clevcland, O.; 27 Lake, Chicago, Ill., & 14 Warren, N. Y.

Grilles (Wrought Iron)

Aetna Iron Works, 21st & Papin. St. Louis, Mo.
AJAX IRON & WIRE CO., 75 York, Brooklyn, N. Y.
American Iron & Wire Works, 577 Carroll av, Chicago, Ill.
Anderson, Henry C., 414 Bleecker, N. Y.
Atlanta Wire & Iron Works Co., 64 N Broad. Atlanta, Ga
Baldwin Brass Works, 232 S Canal, Chicago, Ill.
Barbee Wire & Iron Works, 44 Dearborn, Chicago, Ill., & Lafayette, Ind.
Barnum, E. T. Wire & Iron Works, 99-105 Shelby, Detroit. Mich
Bayley, Wm. & Sons Co., 732 Greenbush, Milwaukee, Wis.
Booth, John, 14 Canal, Chicago, Ill.
Boston Steel & Iron Co., Medford, Mass.
BRADLEY & HUBBARD MFG. CO., o Meriden, Conn. (See adv. index, end of book)
BROWN BROS. MFG. CO., 22d & Campbell av, Chicago, Ill. (See adv. index. end of book)
Buelleshach, W., 8 Spruce. Hartford, Conn.
CABARET, PAUL E., 342 W 14th. New York
CHAMPION IRON CO., Kenton, O. (See adv. index, end of book)
CHESAPEAKE IRON WORKS, Severn & Bayard, Baltimore, Md. (See adv. index, end of book)
CHICAGO ORNAMENTAL IRON CO., 37th & Stewart av, Chicago, Ill. (See adv. index, end of book)
CINCINNATI MFG. CO., 1243 W 6th, Cincinnati, O. (See adv. index, end of book)
Darby, Edward & Sons, 233 Arcb, Philadelpbia, Pa.
DAUCHY IRON WORKS, 88 Illinois, Chicago. (See adv. index, end of book)
Denver Iron & Wire Work Co., 1403 Market, Denver, Col.
Dimond, Thomas, 128 W 33d, New York
Elder, Henry, 127 S Market, Nashville, Tenn.
Feine, August, 152 Terrace, Buffalo, N. Y.
Fiske, J. W., 39 Park place, New York
FLOUR CITY ORNAMENTAL IRON WORKS, 27tb av & 27th, S. Minneapolis, Minn. (See adv. index, end of book)
FOREST CITY STEEL & IRON CO., Cleveland, O. (See adv. index, end of book)
Frubling, Wm. A., 218 S Los Angeles, Los Angeles, Cal.
Gaumer, John L. Co., 19th & Hamilton, Philadelpbia. Pa.
Globe Iron & Foundry Co., 901 Victor, St. Louis, Mo.
Globe Wire & Iron Works, Attkinson av, Milwaukee, Wis.
Grosback, Wm. & Co., 37 Maspeth av, Brooklyn, N. Y.
HALSTED, JOSEPH, 390 W Randolpb. Chicago, Ill.
Harlander & Edelmann, 464 10tb av, N. Y.
HECLA IRON WORKS, 118 N 11th, Brooklyn, N. Y. (See adv. index, end of book)
Howard & Morse, 45 Fulton, New York
JACKSON, WM. H. CO., 29 E 17th (Union Square), N. Y. (See adv. index, end of book)
Jorss, A. F., 315 13th, n. w., Washington,
Koehn, Alfred, 157 W 29th, N. Y.
LANDON & EGGERS IRON & WIRE WORKS, 1243 Fillmore, Chicago, Ill. (See adv. index, end of book)
Lasar-Leizig Mfg. Co., 16th & O'Fallon, St. Louis, Mo.
Loeffelholz & Co., 170 Clinton, Milwaukee, Wis.
Lucas, A. & Sons, c Cedar & Wasb'n, Peoria, Ill.
McKinney, Jas. & Son, 927 B'way, Albany, N. Y.
McMurray, Robt. T. & Bro., 287 4th av, N. Y., & 365 Harmon, Brooklyn, N. Y.
MERRITT & CO., 1024 Ridge av, Phila., Pa. (See adv. index, end of book)
Mesker & Bro., 421 S 6th, St. Louis Mo.
Morss & Whyte, 75 Cornhill, Boston, Mass.
Mott, J. L. Iron Works, 84 Beekman, New York; Boston, Phila. & Chicago
Murdock Corporation, 156 Boylston, Boston
Nelson Bros., 62½ Thayer, Boston, Mass.
New Orleans Cornice Works, 619 Poydras, New Orleans, La.
Ornamental Iron & Wire Co. (Inc.), Portsmouth, Va.
Peters, Jas. & Son, 1934 N Front, Phila., Pa.
CO., Penn av & 3d, Pittsburg, Pa.
Phoenix Steel Contsruction Co., Penn av & 3d, Pittsburg, Pa.
PITT, WM. R. COMPOSITE IRON WORKS, 111 5th av, New York. (See adv. index, end of book)
Prince & Kinkel Iron Works, 553 W 33d, N. Y.
Queen City Wire Works, 193 Seneca, Buffalo, N. Y.
RIESECK, P., Allegheny av & Rebecca, Allegheny, Pa. (See adv. index, end of book)
REMPPIS, WM. F. CO., Reading, Pa., & 331 Witherspoon bldg. Phila., Pa. (See adv. index, end of book)
RICHEY, BROWNE & DONALD, Maspeth, Borough of Queens, N. Y. City. (See adv. index, end of book)
ROSE & HASTIE, 754 Lexington av, Brooklyn, N. Y.
Schreiber, E. A., 158 W Obio, Cbicago, Ill.
Schreiber, L. & Sons Co., 8tb & Eggleston av, Cincinnati, O.
SMITH, F. P., WIRE & IRON WORKS, 100 Lake, Cbicago, Ill. (See adv. index, end of book)
Snead Arch'l Iron Works, Louisville, Ky.
SNEAD & CO. IRON WORKS, Jersey City, N. J. (See adv. index, end of book)
Snow Wire Works Co., 76 Exchange, Rochester, N. Y.
STANDARD CO., W. 15th & Laflin. Chicago, Ill. (See adv. index, end of book)
Stewart Iron Works, 714 E 3d, Cinn., O.
TAYLOR & DEAN, 205 Market, Pittsburg, Pa. (See adv. index, end of book)
Thompson, Hervey, 176 E 119th, N. Y.
Titchener, E. H. & Co., Binghamton, N. Y.
TYLER, W. S. CO., 1150 St. Clair, Cleveland, O.; 11 B'way, N. Y., & Bessemer bldg, Pittsburg, Pa. (See adv. index, end of book)
Union Equipment & Bronze Co., 520 W 36th, N. Y.
Union Iron & Foundry Co., 1458 S 2d, St. Louis, Mo.
Uris, Harris H., 525 W 24th, N. Y.
Van Dorn Iron Works Co., Cleveland, O.
Vilsack, Martin Co., Pittsburg, Pa.
Voss, Frederick, 617 to 621 Austin av, Chicago, Ill.
VULCAN CO., Detroit, Mich. (See adv. index, end of book)
Wayne Iron Works (Inc.), Arcade bldg, Phila., Pa.
West Coast Wire & Iron Works, San Francisco, Cal.
Westervelt, A. B. & W. T., 102 Chambers, N. Y.
West Side Structural Co., Watervleit, Troy, N. Y.
White Wire Works Co., Rochester, N. Y.
Williams, John, 556 W 27tb, N. Y.
WINSLOW BROS. COMPANY. Main office and works, 368 Carroll av, Chicago, Ill.; 160 5tb av, N. Y.; 326 4th av, Pittsburg, Pa.; Colonial Trust bldg, St. Louis, Mo.; Hennen bldg, New Orleans, Ia.; 121 New Montgomery, San Francisco, Cal.; Andrus bldg, Minneapolis, Minn. (See adv. index, end of book)
Wisconsin Iron & Wire Works, 186 E Water, Milwaukee, Wis.
WRIGHT WIRE CO., Worcester, Mass. (See adv. index, end of book)

Grinders (Band Saw)

Lake Shore Engine Works, Marquette, Mich.
Wickes Bros., Saginaw, Mich.

Grinders (Band Wheel)

Bartlett, A. F. & Co., Saginaw, Mich.

Grinders (Bench)

American Emery Wbeel Works, Providence, R. I.
American Tool Works Co., 6th & Eggleston av, Cincinnati, O.; 120 B'way, N. Y., & Frick bldg, Pittsburg, Pa.
Bridgeport Safety Emery Wheel Co., Bridgeport, Conn.
Buffalo Emery Wbeel Co., 14 Lock, Buffalo, N. Y.
Challenge Macbine Co., 3223 Turner, Phila., Pa.
Cutter, Wood & Stevens Co., 68 Pearl, Boston, Mass.
Diamond Machine Co., Providence, R. I.
Faneuil Watch Tool Co. (Fast Speed Internal), 1 Brooks Br., Boston, Mass.
Manning, Maxwell & Moore (Tool), 85 Liberty, N. Y., 22 S. Canal, Chicago, Ill., Pittsburg, Pa., Cleveland, O., & Boston, Mass.
Niles-Bement-Pond Co., 136 Liberty, N. Y. Works, Hamilton, O.; Pbila., Pa., & Plainfield, N. J.
Norton Emery Wheel Co. ("Norton"), Worcester, Mass.
Springfield Mfg. Co., Bridgeport, Conn.
Sterling Emery Wheel Mfg. Co., Tiffin, O.
Tanite Co., Stroudsburg, Pa.
Vitrified Emery Wheel Co., Westfield, Mass.
Webster & Perks Tool Co., Springfield, O.

Grinders (Brick Bat)

Wellington Machine Co., Wellington, O.

Grinders (Car Wheel)

Bridgeport Safety Emery Wbeel Co., Bridgeport, Conn.
Hampden Corundum Wheel Co., Brightwood, Springfield, Mass.
Springfield Mfg. Co., Bridgeport, Conn.

Grinders (Center)

Clark, Jas. Jr., & Co. (Electrically Driven), 313 W Main, Louisville. Ky.
Diamond Machine Co. ("Simplex"), Providence, R. I.
Gem Mfg. Co. ("Gem" Flexible Shaft), Pittsburg, Pa.

Grinders (Chaser)

Modern Tool Co. ("Wallace"), Erie, Pa.

Grinders (Cinder & Ore)

Hill, Albert M., New Haven, Conn.

Grinders (Clay)

(See Clay Grinding Machines.)

Grinders (Cock)

American Tool Works Co., 6th & Eggleston av, Cincinnati, O.; 120 B'way, N. Y., & Frick bldg, Pittsburg, Pa.
Milwaukee Cock Grinder Co. (The "Milwaukee"), Layton Park, Milwaukee, Wis.
Pratt & Whitney Co., Hartford, Conn.
Warner & Swasey, 57 E Prospect, Cleveland, O.

Grinders (Cup, Cone & Hub)

Bridgeport Safety Emery Wheel Co., Bridgeport, Conn.
Diamond Machine Co., Providence, R. I.
Norton Emery Wheel Co., Worcester, Mass.
Pratt & Whitney Co., Hartford, Conn.
Springfield Mfg. Co., Bridgeport, Conn.

Grinders (Cutter)

(See Grinders, Reamer & Cutter.)

Grinders (Disc)

American Can Co., 100 N Clinton, Chicago, Ill.
Besly, Chas. H. & Co. ("Gardener" Double Disc), 15 Clinton, Chicago, Ill.
Browning Co., Clinton & Madison, Milwaukee, Wis.
Bayldon Machine & Tool Co., 20 Morris, Jersey City, N. J.
Challenge Machine Co., 3223 Turner, Phila., Pa.
Diamond Machine Co. ("Gorton" Universal), Providence, R. I.
Dodge Mfg. Co., Micshawaha, Ind. Branches, 45 Dey, N. Y.; 168 S Clinton, Chicago, Ill.; 137 Purchase, Boston, Mass., & 128 W. 2d, Cinn., O.
Iroquois Machine Co., Providence, R. I., & 150 Nassau, N. Y.

Grinders (Drill)

American Emery Wheel Wks., 325 Waterman, Providence, R. I.
Challenge Machine Co., 3223 Turner, Phila., Pa
Cleveland Twist Drill Co., Cleveland, O.
Costilo, J. E., Machine Tool Works, 235 Hudson av, Brooklyn, N. Y.
Diamond Machine Co. ("American"), Providence, R. I.
Dwight Slate Machine Co., Hartford, Conn.
Garvin Machine Co., 137 Varick, N. Y.
Gorton, Geo. Machine Co., Racine, Wis.
Hall, Thos. (The Ideal Twist Drill Grinder), Brooklyn, N. Y.
Heald Machine Co., Worcester, Mass.
Johnson, Israel H. Jr. Co., 1422 Callowhill, Phila., Pa.
Landis Tool Co., Waynesboro, Pa.
Niles-Bement-Pond Co., main office, 136 Liberty, N. Y.; works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Norton Emery Wheel Co., Worcester, Mass.
Pratt & Whitney Co., Hartford, Conn.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.
Standard Tool Co., 1260 Central av, Cleveland, O.
Sterling Emery Wheel Mfg. Co., Tiffin, O.
Vitrified Emery Wheel Co., Westfield, Mass.
Washburn Shops of the Polytechnic Institute (the Worcester), Worcester, Mass.
Wells Bros. Co., Greenfield, Mass.
Wilmarth & Morman Co. (New Yankee), Grand Rapids, Mich.

Grinders (Edging)

(See also Mills, Bark.)

Bartlett, A. F. & Co., Saginaw, Mich.
Mitts & Merrill, Saginaw, Mich.
Shaw, Noah & Co., Eau Claire, Wis.
Union Iron Works, Bangor, Me.
Wickes Bros. (also Slab & Lap), Saginaw, Mich.

Grinders (Emery)

See Emery Grinding Machines.)

Grinders (Excelsior Knives)

Kline, Lewis T., Alpena, Mich.

Grinders (Face)

Brown & Sharpe, Providence, R. I.
Diamond Machine Co., Providence, R. I.
Iroquois Machine Co., Providence, R. I., & 150 Nassau, N. Y.
Landis Tool Co., Waynesboro, Pa.
Norton Emery Wheel Co., Worcester, Mass.

Grinders (Feed)

(See Mills, Feed Grinding.)

Grinders (Huller Knife)

Carver Cotton Gin Co. (for Cotton see Hullers), East Bridgewater, Mass.

Grinders (Lathe Center)

Diamond Machine Co., Providence, R. I.
Dock, Herman, 905 N Carlisle, Phila., Pa.
Leland & Faulconer Mfg. Co., 480 Twombly av, Detroit, Mich.
Pratt & Whitney Co., Hartford, Conn.
Trump Bros. Machine Co., Wilmington, Del.

Grinders (Machine Tool)

(See Grinders, Various Kinds.)

Grinders (Mill Pick)

Bullock, Chas. K., 1361 Ridge av., Phila., Pa.

Grinders of Minerals, Clays, Etc.

WILBUR, JOB CO. (Job Grinding in Car Load Lots). Office, Providence, R. I.; Factory, Phila., Pa. (See adv. index, end of book)

Grinders (Plain Tool)

American Emery Wheel Works, Providence, R. I.
Baker-Reseck Machine Tool Co., 261 Quincy, Cleveland, O.
Barnes, B. F. Co., Rockford, Ill.
Barnes, W. E. & John Co., Rockford, Ill.
Barr, Henry G . & Co., Worcester, Mass.
Besly, Chas. H. & Co. ("Gardner" Spiral Grooves), 15 Clinton, Chicago, Ill.
Blount, J. G. & Co., Everett, Mass.
Bridgeport Safety Emery Wheel Co. (Emery Wheel), Bridgeport, Conn.
Bocklett, J. P. Machine Co., Xenia, O.
Brown & Sharpe Mfg. Co., Providence, R. I.
Bullock, C. K., 1357 Ridge av, Phila., Pa.
Cady, Chas. N., Canastota, N. Y.
Challenge Machine Co., 3223 Turner, Phila., Pa.
Cincinnati Milling Machine Co., Spg. Grove av & Alfred, Cincinnati, Ohio
Diamond Machine Co. (Bench Tools, etc.), Providence, R. I.
Dwight Slate Machine Co., Hartford, Conn.
Foote, Burt & Co., 269 St. Clair, Cleveland, O.
Garvin Machine Co., 137 Varick, N. Y.
Gisholt Machine Co., Madison, Wis.
Gould & Eberhard, Newark, N. J.
Hamilton Machine Tool Co., Hamilton, O.
Hampden Corundum Wheel Co., Brightwood, Springfield, Mass.
Iroquois Machine Co., Providence, R. I., & 150 Nassau, N. Y.
Johnson, Ishael H., Jr., Co., 1422 Callowhill, Phila., Pa.
Landis Tool Co., Waynesboro, Pa.
Leland & Faulconer Mfg. Co., 480 Trombly av., Detroit, Mich.
Modern Tool Co., Erie, Pa.
Niles-Bement-Pond Co., 136 Liberty, N. Y.; Works, Hamilton, O.; Phila., Pa.; Plainfield, N. J.
Northampton Emery Wheel Co., Leeds, Mass.,
Norton Emery Wheel Co. ("The Walker"), Worcester, Mass.
Osterlein Machine Co., Cincinnati, O.
Pratt & Whitney Co., Hartford, Conn.
Ransom Mfg. Co. (Vulcan), Oshkosh, Wis.
Resek Machine Tool Co., 261 Quincy, Cleveland, O.
St. Louis Machine Tool Co., 1114 S 8th, St. Louis, Mo.
Safety Emery Wheel Co., Springfield, O.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.
Springfield Mfg. Co., Bridgeport, Conn.
Star Corundum Wheel Co., Detroit, Mich.
Sterling Emery Wheel Mfg. Co., Tiffin, O.
Tanite Co., Stroudsburg, Pa.
Tucker Machine Co., 222 E 9th, Cincinnati, O.
Union Mfg. Co. (Automatic), Buffalo, N. Y.
Vitrified Emery Wheel Co., Westfield, Mass.
Walker Grinder Co., Worcester, Mass.
Webster & Perks Tool Co., Springfield, O.
Whitney Mfg. Co., Hartford, Conn.
Zucker & Levett & Loeb Co., 530 W 25th, N. Y.

Grinders (Planer Knife)

American Woodworking Machine Co., 136 Liberty, New York; 45 S Canal, Chicago, & Williamsport, Pa.
Atlantic Works (Inc.), 23d & Arch, Phila., Pa.
Bentel & Margedant Co. (Wet & Dry), Hamilton, O.
Capitol Machine Wks. (Automatic), Indianapolis, Ind.
Carver Cotton Gin Co. (Wet & Dry), E Bridgewater, Mass.
Cole Mfg. Co., Lakeport, N. H.
Defiance Machine Works, Defiance, O.
Fay, J. A. & Egan Co., c Front & John, Cincinnati, O.
Hickok, W. O. Mfg. Co., Harrisburg, Pa.
Holmes, Chas. Machine Co., 299 Marginal, E. B., Boston, Mass.
Holmes, E. & B. Machinery Co., Buffalo, N. Y.
Kline, Lewis T., Alpena, Mich.
Niles-Bement-Pond Co., Main Office, 136 Liberty, N. Y.; Works, Hamilton, Ohio; Phila., Pa., & Plainfield, N. J.
Powers, Wm. T. & Son, Grand Rapids, Mich.
Rogers, Saml C. & Co., 10 Lock, Buffalo, N. Y.
Seybold Machine Co., Dayton, O.; 312 Dearborn, Chicago, Ill., & 70 Duane,, N. Y.
Smith, H. B. Machine Co., Smithville, N. J., & 121 Liberty, N. Y.
Trevor Mfg. Co., Lockport, N. Y.
Walker Grinder Co., Worcester, Mass.
Woods, S. A. Machine Co., 445 Dorchester, Boston, Mass.

Grinders (Pneumatic Centre)

Empire Engine & Motor Co., Orangeburg, N. Y.

Grinders (Portable)

Chicago Flexible Shaft Co., Lassalle av & Ontario, Chicago, Ill.
Diamond Machine Co., Providence, R. I.
Hisey-Wolf Machine Co. (Electrical Driven), Cincinnati, O.
Stow Flexible Shaft Co., N 26th & Buttonwood, Phila., Pa.
Stow Mfg. Co., Binghamton, N. Y.

Grinders (Reamer & Cutter)

Adams Co. ("The Farwell Cutter"), Dubuque, Iowa
Anderson Tool Co., Anderson, Ind.
Automatic Machine Co., Greenfield, Mass.
Becker, Brainard Milling Machine Co., Hyde Park, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Challenge Machine Co., 3223 Turner, Phila., Pa.
Cincinnati Milling Machine Co., Spring Grove av & Alfred, Cincinnati, Ohio
Clough, R. M., Tolland, Conn.
Diamond Machine Co., Providence, R. I.
Disston, Henry & Sons (Inc.), Tacony, Phila., Pa., & 75 W Wash'n, Chicago, Ill.
Dwight Slate Machine Co., Hartford, Conn.
Faneuil Watch Tool Co. (Cutter), 1 Brooks Br., Boston, Mass.
Garvin Machine Co., 137 Varick, N. Y.
Gould & Eberhardt, Newark, N. J.
Greenfield Machine Co., Greenfield, Mass.
Heald Machine Co., Worcester, Mass.
Hisey-Wolf Machine Co. (Portable Electric), Cincinnati, O.
Landis Tool Co., Waynesboro, Pa.
Niles-Bement-Pond Co., Main Office, 136 Liberty, N. Y.; Works, Hamilton, Ohio: Phila., Pa., & Plainfield, N. J.
Northampton Emery Wheel Co., Leeds, Mass..
Norton Emery Wheel Co. ("The Walker Universal"), Worcester, Mass.
Osterlein Machine Co., Garrard av & Elam. Cincinnati, O.
Pratt & Whitney Co., Hartford, Conn.
Putnam Machine Co., Fitchburg, Mass.
Rivett Dock Co., Boston, Mass.
Russell, R. M. (Side, Angular & Face Milling Cutters), Binghamton, N. Y.
Walker Grinder Co., Worcester, Mass.
Warner & Swasey, 57 E Prospect, Cleveland, O
Wells Bros. Co., Greenfield, Mass.

Grinders (Roll)

Birmingham Iron Foundry, Derby, Conn.
Diamond Machine Co. (Spindle Roll), Providence, R. I.
Hampden Corundum Wheel Co., Brightwood, Mass.
Harrington, E. Son & Co., 1515 Penna. av, Phila., Pa.
Lobdell Car Wheel Co., Wilmington, Del.
Springfield Mfg. Co., Bridgeport, Conn.

Grinders (Rotary Shear)

Bridgeport Safety Emery Wheel Co., Bridgeport, Conn.
Springfield Mfg. Co., Bridgeport, Conn.

Grinders (Sample Ore)

Allis-Chalmers Co., New York Life bldg, Chicago, 71 B'way, New York. Works, Chicago, Milwaukee & Scranton, Pa.
Davis, F. M. Iron Works Co., 8th & Larimer. Denver, Col.
Denver Engineering Works Co., Blake & 30th, Denver, Col.
Engelbach Machine Mfg. Co., Leadville, Col.
Mine & Smelter Supply Co., Denver, Col.; 139 Liberty, N. Y.; El Paso, Tex., & Salt Lake City, Utah
Power & Mining Machinery Co., 52 William. New York. Works, Cudahy, Wis.
Union Iron Works, 222 Market, San Francisco, Cal.

Grinders (Saw)

Hinds, Thos., Malone, N. Y.

Grinders (Sickle)

(See Sickle & Mower Knife Grinders.)

Grinders (Sillica or Chillian Mill)

Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.

Grinders (Sprue)

Automatic Machine Co. (for Foundries), Bridgeport, Conn.
Wilson, J. E. (For Foundries), 145 Stratford av, Bridgeport, Conn.

Grinders (Surface)

Besby, Chas. H. & Co. ("Gardner" Flat Surface), 15 Clinton, Chicago, Ill.
Bignall & Keeler Mfg. Co., Edwardsville, Ill.
Bridgeport Safety Emery Wheel Co., Bridgeport, Conn.
Brown & Sharpe Mfg. Co., Providence, R. I.
Challenge Machine Co., 3223 Turner, Phila., Pa.
Clough, R. M., Tolland, Conn.
Diamond Machine Co. (Automatic, Hand, etc.), Providence, R. I.
Florence Machine Co., Florence, Mass.
Garvin Machine Co., 137 Varick, N. Y.
Goddard Machine Co., Holyoke, Mass.
Hisey-Wolf Machine Co. (Portable Electric), Cinn., O.
Iroquois Machine Co., Providence, R. I., & 150 Nassau, N. Y.
Landis Tool Co., Waynesboro, Pa.
Long & Allstatter Co. (Side Grinding for Flat Surfaces), Hamilton, O.
Niles-Bement-Pond Co., Main office, 136 Liberty, N. Y.; Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Rudolphie & Krummel, 98 N Clinton, Chicago.
Springfield Mfg. Co., Bridgeport, Conn. Ill.
Tanite Co., Stroudsburg, Pa.
Walker Grinder Co. (Walker Ideal Automatic Motor Drivers), Worcester, Mass.

Grinders (Swing Frame)

Bridgeport Safety Emery Wheel Co., Bridgeport, Conn.
Springfield Mfg. Co., Bridgeport, Conn.
Sterling Emery Wheel Mfg. Co., Tiffin, Ohio

Grinders (Tool)

(See Grinders, Plain Tool.)
(Also Grinders, Wet Tool.)

Grinders (Twist Drill)

(See Grinders, Drill.)

Grinders (Universal)

Brown & Sharpe Mfg. Co., Providence, R. I
Diamond Machine Co., Providence, R. I.
Garvin Machine Co., 137 Varick, N. Y.
Iroquois Machine Co., Providence, R. I., & 150 Nassau, N. Y.
Landis Tool Co., Waynesboro, Pa.
Norton Emery Wheel Co. ("The Walker"), Worcester, Mass.
Springfield Mfg. Co., Bridgeport, Conn.

Grinders (Vertical)

Diamond Machine Co. (also with Polishing Drum), Providence, R. I.

Grinders (Wet Tool)

Barnes, B. F. Co., Rockford, Ill.
Bridgeport Safety Emery Wheel Co., Bridgeport, Conn.
Challenge Machine Co., 3223 Turner, Phila., Pa.
Clark, Jas. Jr., & Co. (Electrically Driven), 313 W Main, Louisville, Ky.
Diamond Machine Co., Providence, R. I.
Goddard Machine Co., Holyoke, Mass.
Gould & Eberhardt, Newark, N. J.
Heald Machine Co., Worcester, Mass.
Northampton Emery Wheel Co., Leeds, Mass., & 72 S Canal, Chicago, Ill.
Norton Emery Wheel Co. ("The Walker"),
Ransom Mfg. Co. (Belt or Motor Driven), Oshkosh, Wis.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.
Standard Tool Co., 1260 Central av, Cleveland, O.
Tucker Machine Co., 222 E 9th, Cincinnati, O.
Washburn Shops (Drill), Worcester, Mass.
Whitney Mfg. Co., Hartford, Conn.
Wilmarth & Morman Co. (Electrically Driven), Grand Rapids, Mich.

Grinders (Wood Pulp)

Dayton Globe Iron Works Co., Dayton, Ohio
Dilts Machine Works, Fulton, N. Y.
Friction Pulley & Machine Works, Sandy Hill, N. Y.
Holyoke Machine Co., Holyoke, Mass.
Pusey & Jones Co., Wilmington, Del.
Scott, Olin, Bennington, Vt.
Trevor Mfg. Co., Lockport, N. Y.
Valley Iron Works Co., Appleton, Wis.

Grindstone Boxes & Frames

American Tool & Machine Co., 109 Beach, Boston, Mass.
American Tool Works Co. (Iron), 6th & Eggleston av, Cincinnati, O.; 120 B'way, N. Y., & Frick bldg, Pittsburg, Pa.
Athol Machine Co. (Iron), Athol, Mass.
Defiance Machine Works (Iron), Defiance, Ohio
Cleveland Stone Co., Hickok bldg, Cleveland, O., & 285 Front, New York
HOWARD IRON WORKS (Iron), Buffalo, N. Y., & 120 Liberty, New York. (See adv. index, end of book)
Putnam Machine Co., Fitchburg, Mass.
San Francisco Tool Works, 27 Stevenson, San Francisco, Cal.
Sellers, Wm. & Co. (Inc.), (Iron), 1600 Hamilton, Philadelphia, Pa.
Smith, H. B. Machine Co. (Iron), Smithville, N. J., & 121 Liberty, New York

Grindstone Fixtures

Chalfrant Mfg. Co., Lancaster, Pa.
Cronk & Carrier Mfg. Co., Elmira, N. Y.
NATIONAL SUPPLY CO., 7 W Lombard, Baltimore, Md. (See adv.index, end of book)
Penn Hardware Co., Reading, Pa.
Pleuger & Henger Mfg. Co., 11th & Hebert, St. Louis, Mo.
STOWELL MFG. & FOUNDRY CO., South Milwaukee, Wis. (See adv. index, end of book)
Susquehanna Casting Co., Wrightsville, Pa.
Weller Hdw. & Foundry Co., Horseheads, N. Y.
Whitman & Barnes Mfg. Co., Akron, O.; 111 Chambers, New York; Chicago, Ill., & Syracuse, N. Y.
Wilcox Mfg. Co., Aurora, Ill.
Wrightsville Hdw. Co., Wrightsville, Pa.

Grindstone Truing Device.

Brown & Sharpe Mfg. Co., Providence, R. I.
Niles-Bement-Pond Co., 136 Liberty, New York; Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.

Grindstone Troughs

Brown & Sharpe Mfg. Co., Providence, R. I.

Grindstones

Atlantic Grindstone Co. (Nova Scotia), Providence, R. I.
Bronson & Townsend Co., 406 State, New Haven, Conn.
Buffalo Foundry Supply Co., 345 Babcock, Buffalo, N. Y.
Cleveland Stone Co., Hickok bldg, Cleveland, O., & 283 Front, New York
Dayton Roll & Wringer Co., Dayton, O.
Everhard Co., Massillon, O.
Francis & Co., 859 Main, Hartford, Conn.
Garrett, James & Co., 1432 S Penn sq, Phila., Pa.
Goff, Jas. C., 31 Point, Providence, R. I.
Gordon Metal Co., Richmond, Va.
Grafton Stone Co. (Also Scythe Stones), Elyria, O.
Independent Stone Co. (Also Mounted), Cuyahoga bldg, Cleveland, O.
Kirk Grindstone Co., 1652 Dorman, Cincinnati, O.
Lombard & Co. (Nova Scotia), 238 A, Boston, Mass.
McCroden, Jno. & Co., 33 West, New York

Mariette Stone Co. (Inc.), (for Saw & Edge Tools), Mariette, O.
Mitchell, Wilson, 312 N 4th, Philadelphia, Pa.
Morris, E. K. & Co., 317 W 2d, Cincinnati, O.
OHIO QUARRIES CO., Citizens' bldg, Cleveland, O., & 949 B'way, N. Y. Quarries & Mills, Amherst, O.
Penn Hardware Co. (Kitchen), Reading, Pa.
Pike Mfg. Co., 151 Chambers, N. Y., & Pike Station, N. H.
Smith's Jno. E. Sons Co., Buffalo, N. Y.
Wallace Co., Port Austin, Mich.
WHITMAN & BARNES MFG. CO. & Cihcago, Ill. (See adv. index, end of book)
Wilcox Mfg. Co. (Mounted & Loose), Aurora, Ill.

Grindstones (Glass Cutters')

MITCHELL, WILSON, 605 N Front, Phila., Pa.

Grindstones (Granite & Marble Polishing)

MITCHELL, WILSON, 605 N Front, Phila., Pa.

Grips (Cable)

HAZARD MFG. CO. (for Coal Cars or Mine Wagons), Wilkesbarre, Pa.; 50 Dey, New York; Conestoga bldg., Pittsburg, Pa., & 71 W Adams, Chicago. (See adv. index, end of book)
Kenney & Co., Scottdale, Pa.
Litchfield Foundry & Machine Co., Litchfield, Ill

Groovers (Sheet Metal)

Barber Mfg. Co. ("Noyes"), Ashtabula, O.

Grubbing Machines

(See Machinery.)

Guards (Cattle, for Railways)

BUDA FOUNDRY & MFG. CO. ("Buda"), Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
FAIRBANKS, MORSE & CO. (Trackman's & "Sheffield"), Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3rd, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, page 1200)
Handlan-Buck Mfg. Co. (Chain Surface), 212 N 3d, St. Louis, Mo.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Merrill--Stevens Mfg. Co. (The Cook Steel), Kalamazoo, Mich.
National Surface Guard Co., Hammond, Ind., & & Rookery bldg, Chicago, Ill.
Overstreet, H. E., 204 Dearborn, Chicago, Ill.
Railroad Supply Co., Bedford bldg, Chicago, Ill.
Seymour Mfg. Co., East Chicago, Ind.
Sheffield Car Co., Three Rivers, Mich.
Vicksburg Mfg Co., Vicksburg, Ind.
Wallace Surface Cattle Guard Mfg. Co., Monroe, Ark.

Guards (Electric Lamp, Wire)

American Electric Co. (Wm. J. Hasting), 256 Randolph, Detroit, Mich.
American Union Electric Co. ("Morris"), 15 Cortlandt, N. Y.
AMOS, CHAS. & CO., 94 W Larned, Detroit, Mich. (See adv. index, end of book)
Baldwin Brass Works, 232 S Canal, Chicago, Ill.
Central Electric Co. ("Duplex"), 266 5th av, Chicago, Ill.
Darby, Edw. & Sons, 232 Arch, Philadelphia, Pa.
Estey Wire Works Co., 59 Fulton, N. Y.
Gleason, E. P. Mfg. Co., 20 W Houston, N. Y.
Hamblin & Russell Mfg. Co. ("Never Break"), Worcester, Mass.
Hipwell Mfg. Co., Allegheny, Pa.
Inglis, Wm. Wire & Iron Works, 59 Woodbridge, Detroit, Mich.
Joseph, Sigmund, 245 W B'way, N. Y.
Klemm & Co., 132 N 5th, Philadelphia, Pa.
NATIONAL MFG. CO., Worcester, Mass.; 103 Chambers, New York, & Equitable bldg, Boston, Mass. (See adv. index, end of book)
Scott Bros. Electric Co., 3 Farrar, Detroit, Mich.
Wagor, P. R. Mfg. Co., Springfield, Mass.
WRIGHT WIRE CO., Worcester, Mass. (See adv. index, end of book)

Guards (Flower Bed)

WRIGHT WIRE CO., Worcester. Mass. (See adv. index, end of book)

Guards (Tree)

Cuyahoga Wire & Fence Co., "Hartman" Wire Steel Picket, New Castle, Pa.
WRIGHT WIRE CO., Worcester, Mass. (See adv. indcx, end of book)

Guards (Railroad Bridge)

CARPENTER, GEO. P. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)

Guides (Elevator)

BEAVER FALLS GAUGE STEEL CO. (Compressed Steel & Finished Tees), Beaver Falls, Pa. (See adv. index, end of book)

Guides (Saw)

(See Saw Guides.)

Gummers (Saw)

Adams, W. T. Machine Co., Corinth, Miss.
Ajax Mfg. Co. (I. X. L., Great American & Standard), Allegheny, Pa.
American Woodworking Co., 136 Liberty, N. Y. 45 S Canal, Chicago, Ill., & Williamsport, Mass.
Andrews, E. & Sons (Emery Saw), Williamsport, Pa.
Atkins, E. C. & Co., Indianapolis, Ind.
Atlantic Works (Inc.), 23d & Arch, Phila., Pa.
Austin & Son ("Champion"), Grand Rapids, Mich.
California Saw Works, 208 Mission, San Francisco, Cal.
Diamond Machine Co., Providence, R. I.
Disston, Henry & Sons (Inc.), Tacony, Phila., Pa., & 75 W Wash'n, Chicago, Ill.
Emerson, Smith & Co., Beaver Falls, Pa.
Hamilton, Wm. Mfg. Co., Petersboro, Ontario, Canada
Henderson, W. K. Iron Works & Supply Co., Shreveport, La.
Hinds, Thos. (Band Saws), Malone, N. Y.
Hoe, R. & Co., 504 Grand, New York
Mixter, J. W. & Co. (Saw Tool), Plymouth, Mass.
Reed, Jos. B. (The Hoo-Hoo), Cairo, Ill.
Riverside Iron Works (Crescent), Kokomo, Ind.
Rogers, S. C. & Co., 10 Lock, Buffalo, N. Y.
Rowe & Trunnell, 123 W 2d, Cincinnati, O.
Simonds Mfg. Co., Fitchburg, Mass.; 107 Liberty, New York; 17th & Western av, Chicago; New Orleans, La.; San Francisco, Cal.; Portland, Ore., & Seattle, Wash.
Southern Saw Works, Atlanta, Ga.
Star Corundum Wheel Co. (Ltd.), Detroit, Mich.
Tanite Co., Stroudsburg, Pa.
Wood Gummer & Filer Co., Atlanta, Ga.

Gun Cotton

California Cap Co., San Francisco, Cal.

Gun Implements.

Bridgeport Gun Implement Co., Bridgeport, Conn.

Gutter Curbs, Pans & Grates.

Modern Iron Works, Quincy, Ill.

Gymnastic Apparatus

MERRITT & CO., 1024 Ridge av, Phila., Pa. (See adv. index, end of book)
Narragansett Machine Co., Providence, R. I.
Spalding, A. G. & Bros., 126 Nassau, New York, & 149 Wabash av, Chicago, Ill.

Hack Saw Blades & Frames

(See Saw Blades & Frames, Hack.)

Hair Cloth Mfrs.

American Hair Cloth Co., Pawtucket, R. I.
Cataract Hair Cloth Co., Niagara Falls, N. Y.
French Hair Cloth Co., Pawtucket, R. I.
Mawson, Jno. Hair Cloth Co., 2300 Coral, Phila., Pa.
Rock, J. E. Niagara Falls, N. Y.
Stack, Jno., Pittsfield, Mass.

Hair (Curled)

Armour Curled Hair & Felt Works, 211 Pearl, New York, & 205 La Salle, Chicago, Ill.
Baeder, Adamson & Co., 67 Beekman, New York; Chicago, Ill.; Philadelphia, Pa., & Boston, Mass.
Baeder, Adamson & Co., 67 Beekman, New York, & 730 Market, Phila., Pa.
Coghlan, Jos. T. & Co., E Lehigh av & Edgemont, Phila., Pa.
Delany & Co., 209 N 3d, Philadelphia, Pa., & 97 Beekman, New York
Gordon Bros., Pierce & Orthodox, Philadelphia, Pa.
Grover, Jno. O. & Son, 2800 Tulip, Phila., Pa.
Mitchell, P. R. Co., Harrison & Spring Grove av, Cincinnati, O., & 185 Canal, New York
Ritchie, Geo. B. & Co., 57 Ferry, New York
Smith, Oscar & Son Co. (Excelsior), 156 5th av N. Y.
Walpert, Fred & Co., 84 Walker, New York
Woll, Peter & Sons, 27 Howard, N. Y., & 171 Berks, Philadelphia, Pa.

Hammers (Beading)

Cleveland Pneumatic Tool Co., Cleveland, O.
INGERSOLL-SERGEANT DRILL CO., The, 26 Cortlandt, New York. Offices: Old Colony bldg, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pitsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 First av,

Seattle, Wash.; Corestine bldg, Montreal, Canada; Mexico City, Calle 2a de Dolores, No, 20 Mexico, D. F.; London, Eng., 114a Queen Victoria st.; Paris, France, 51 Rue de la Chausse D'Antrim; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence st.; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co.; Lime, Peru, W. R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv. index, end of book)

Standard Railway Equipment Co. (Pneumatic), National Bank of Commerce bldg, St. Louis, Mo.

STEEL ROLL MACHINE CO. (Pneumatic), 8 S Canal, Chicago, Ill. (See adv. index, end of book)

Hammers (Blacksmiths)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)

Atha Tool Co., Newark, N. J.

Billings & Spencer (Drop Forged), Hartford, Conn.

Cheney, Henry Hammer Co., Little Falls,

Collins Co., Collinsville, Conn., & 212 Water, New York

Evansville Tool Works, Evansville, Ind.

Hammond, C. & Son, Ogontz, Pa.

Harvey, H. H., 608 Atlantic av, Boston, Mass.

Hubbard & Co., 62d & Butler, Pittsburg, Pa.

Humason & Beckley Mfg. Co., "H. & B. Cast Steel," New Britain, Conn.

Iron City Tool Works, 32d & Smallman, Pittsburg, Pa.

Isle, A. W. & Son, 51 Pitt, Boston, Mass.

Jones & Laughlins Steel Co., Pittsburg, Pa.

Klein-Logan Co., S 13th & Breed, Pittsburg. Pa.

Mack & Co., Rochester, N. Y.

Maydole, David Hammer Co., Norwich, N. Y.

Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 27 Murray, New York

Solid Steel Tool Co. ("S. T. S."), 11 S Jefferson, Chicago, Ill.

Verona Tool Works, Verona, Pa., & Murtland bldg, Pittsburg, Pa.

Warner, M. R. & Son, Cromwell, Conn.

Hammers (Boiler Makers')

ANDERSON, W. H. & SONS, Detroit. Mich. (See adv. index, end of book)

Atha Tool Co., Newark, N. J.

Billings & Spencer Co. (Drop Forged), Hartford, Conn.

Evansville Tool Works, Evansville, Ind.

Harvey, H. H., 608 Atlantic av, Boston, Mass.

Isle, A. W. & Son, 51 Pitt, Boston, Mass.

Maydole, David Hammer Co., Norwich, N. Y.

Hammers (Bush)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)

Atha Tool Co., Newark, N. J.

Brunner & Lay, 133 W Polk, Chicago, Ill.

Evansville Tool Works, Evansville, Ind.

Hauck, Wm. J., 306 Southwest boul, Kansas City, Mo.

Klein-Logan Co., S 13th & Breed, Pittsburg, Pa.

Mack & Co., Rochester, N. Y.

Stubbs Steel Co., 17 N 5th, Phila., Pa.

United States Steel Co. (Cast Steel), 145 Oliver, Boston, Mass. Works at Everett, Mass.

Hammers (Car Repairers)

AMERICAN BRAKE SHOE & FOUNDRY CO. ("Tropenas" Cast Steel), Mohwah, N. J. Branches Western Union bldg, Chicago, Ill., & 170 B'way, New York. (See adv. index, end of book)

Hammers (Carpenters' & Joiners')

(See Hammers, Claw; also Hammers, Tack & Nail..

Hammers (Chipping)

Bernz, Otto, S 13th c S Orange av, Newark, N. J.

Maydole, David Hammer Co. (Crucible Steel), Norwich, N. Y.

Standard Railway Equipment Co., National Bank of Commerce bldg, St. Louis, Mo.

Hammers (Claw)

Arcade Mfg. Co. (Cast), Freeport, Ill.

Atha Tool Co., Newark, N. J.

Cheney, Henry Hammer Co. (Carpenters', etc.), Little Falls, N. Y.

Franklin Specialty Co. ("Cracker Jack" Nickel Plated), Reading, Pa.

Humason & Beckley Mfg. Co. (Carpenters), New Britain, Conn.

Maydole, David Hammer Co., Norwich, N. Y.

Stover Mfg. Co., Freeport, Ill.

Stow Flexible Shaft Co. (Electric), 26th & Callowhill, Phila., Pa

Hammers (Confectioners' Candy)

Erie Specialty Co., Erie, Pa.

Hammers (Coopers')

Atha Tool Co., Newark, N. J.

Maydole, David Hammer Co., Norwich, N. Y.

White, L. & I. J. Co., Perry & Columbia, Buffalo, N. Y.

Hammers (Copper)

Hungerford, U. T. Brass & Copper Co., 497 Pearl, New York

Hammers (Drilling & Striking)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)

Atha Tool Co., Newark, N. J.

Evansville Tool Works (up to 5 lbs.), Evansville, Ind.

Hardsocg, Martin Mfg. Co. (Ltd.), 922 South av, Allegheny, Pa.

Hubbard & Co. (Striking), 62d & Butler, Pittsburg, Pa.

Humason & Beckley Mfg. Co., "H. & B. Cast Steel," New Britain, Conn.

Iron City Tool Works (Ltd.), Pittsburg, Pa.

Klein-Logan Co., 13th & Breed, Pittsburg, Pa.

Pittsburg Tool & Drop Forge Co. ("Cheswick" Double Faced), Arrott bldg, Pittsburg, Pa. Works, Cheswick, Pa.

Solid Steel Tool Co. ("S. T. S."), 11 S. Jefferson, Chicago, Ill.

Verona Tool Works, Verona, Pa., & Murtland bldg, Pittsburg, Pa.

Warner, M. R. & Son, Cromwell, Conn.

Warwood Tool Co., Wheeling, W. Va.

Hammers (Drop)

(See also Presses, Drop.)

Alliance Machine Co., Alliance, O.

Baush Machine Tool Co., Springfield, Mass.

Billings & Spencer Co., 216 Lawrence, Hartford, Conn.

Bliss, E. W. Co., 15 Adams, Brooklyn, N. Y.

Bremer Machine & Tool Co. (also Spring Hammers), Kalamazoo, Mich.

Burton Electric Smelting Co., 185 Summer, Boston, Mass.

Cady, Franklin P., 1227 Euclid av, Cleveland, O.

Chambersburg Engineering Co. (Steam), Chambersburg, Pa.

Coulter & McKenzie Machine Co., Bridgeport, Conn.

Crane, W. W. Foundry & Machine Works. Auburn, N. Y.

Davis, G. E. ("Boss"), Dubuque, Ia.

Falkenau-Sinclair Machine Co., 109 N 22d, Phila., Pa.

Foos Mfg. Co. ("Ambler"), Springfield, O.

Iroquois Machine Co. (Plain & Automatic), Providence, R. I., & 150 Nassau, N. Y.

Lane Tool Co. (Steam), 1196 Hamilton, Cleveland, O.

Long & Allstatter Co. (Heavy, for Binding, Drop Forging, Forming, Stamping, etc., Belt, Motor & Steam Driven), Hamilton, O.

Merrill Bros., 465 Kent, Brooklyn, N. Y.

Merriman, A. H., Meriden, Conn.

Miner & Peck Mfg. Co., New Haven, Conn.

Morgan Engineering Co., Alliance, O.

NIAGARA MACHINE & TOOL Works, c Superior & Randall, Buffalo, N. Y. (See adv. index, end of book)

Niles-Bement-Pond Co., 136 Liberty, New York Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.

Perkins Machine Co., 103 M, S B, Boston, Mass.

Pratt & Whitney Co., Hartford, Conn.

Scaife Foundry & Machine Co. (Ltd.), 28th & Smallman, Pittsburg, Pa.

Standard Machinery Co., Providence, R. I.

Sutton, C. E. Co., Toledo, O.

Williams, White & Co., Moline, Ill.

Wood, Wm. H., Media, Pa.

Hammers (Engineers')

(See Hammers, Machinists.)

Hammers (Farriers')

Cheney, Henry Hammer Co., Little Falls, N. Y.

Evansville Tool Works, Evansville, Ind.

Maydole, David Hammer Co., Norwich, N. Y.

Hammers (Fitting Up)

Solid Steel Tool Co. ("S. T. S."), 11 S Jefferson, Chicago, Ill.

Hammers (Granite & Marble)

(See Hammers, Stone Cutters'.)

Hammers (Helve)

Bradley Co. (Cushioned), Syracuse, N. Y.

ELMES, CHAS. F. ENGINEERING WORKS (Steam), cor Fulton & N Sangamon, Chicago, Ill. (See adv. index, end of book)

Lingle, J. H., Bellefonte, Pa.

Long & Allstatter Co. (Adjustable Cushioned, Belt, Motor or Steam Driven), Hamilton, O.

Niles-Bement-Pond Co. (Rubber Cushioned), 136 Liberty, New York. Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.

When writing to firms whose names appear in this book please mention HENDRICKS' COMMERCIAL REGISTER.

Hammers (Interchangeable)

Greene, Tweed & Co. (The Colvin, with Rawhide, Wood or Copper Head), 17 Murray, N. Y.

Hammers (Justice)

Williams, White & Co., Moline, Ill.

Hammers (Macadamizing)

Atha Tool Co., Newark, N. J.
Evansville Tool Works, Evansville, Ind.

Hammers (Machinists')

AMERICAN BRAKE SHOE & FOUNDRY CO. ("Tropenas," Cast Steel), Mahwah, N. J. Branches Western Union bldg, Chicago, Ill., & 170 B'way, New York. (See adv. index, end of book)
ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Atha Tool Co., Newark, N. J.
Bernz, Otto, S 13th c S Orange, Newark. N. J.
Billings & Spencer Co. (Dropped Forge), Hartford, Conn.
Cheney, Henry Hammer Co., Little Falls, N. Y.
Evansville Tool Works, Evansville, Ind.
Humason & Beckley Mfg. Co., "H. & B. Cast Steel," New Britain, Conn.
Maydole, David Hammer Co. (Crucible Steel), Norwich, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 27 Murray, New York.
Plumb, Fayette R. (Inc.), Frankford, Philadelphia, Pa.
Sawyer Tool Mfg. Co., Fitchburg, Mass.
Solid Steel Tool Co. ("S. T. S."), 11 S Jefferson, Chicago, Ill.
STRONG, CARLISLE & HAMMOND CO., 61 Frankfort, Cleveland, O. (See adv. index, end of book)
Vaughan & Bushnell Mfg. Co., 875 Carroll av, Chicago
Warner, M. R. & Son, Cromwell, Conn.
WHITMAN & BARNES MFG. CO. West Pullmlan, Chicago; Akron, O., & 111 Chambers, N. Y. (See adv. index, end of book)

Hammers (Magnet)

Robertson, Arthur R., 144 Oliver, Boston, Mass.

Hammers (Masons')

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Atha Tool Co., Newark, N. J.
Crescent Novelty Mfg. Co. (Brick), 703 S B'way, St. Louis, Mo.
Drew, C. & Co., Kingston, Mass.
Evansville Tool Works, Evansville, Ind.
Hammond, C. & Son, Ogoutz, Pa.
Harvey, H. H., 608 Atlantic av, Boston, Mass.
Humason & Beckley Mfg. Co., "H. & B. Cast Steel," New Britain, Conn.
Iron City Tool Works, 32d & Smallman, Pittsburg, Pa.
Isle, A. W. & Son, 51 Pitt, Boston, Mass.
Klein-Logan Co., S 13th & Breed, Pittsburg, Pa.
Maydole, David Hammer Co., Norwich, N. Y.
Pittsburg Tool & Drop Forge Co. ("Cheswick"), Arrott bldg, Pittsburg, Pa. Works, Cheswick, Pa.
Plumb, Fayette R. (Inc.), Frankford, Philadelphia, Pa.
Schueddig, Ferd & Son, 525 S Jefferson, St. Louis, Mo.
Solid Steel Tool Co. ("S. T. S."), 11 S Jefferson, Chicago, Ill.
Stortz, Jno. & Son, 210 Vine, Phila., Pa.
Warner, M. R. & Son, Cromwell, Conn.
White, L. & I. J. Co., c Perry & Columbia, Buffalo, N. Y.

Hammers (Napping).

ANDERSON, W. H. & SONS, DETROIT, Mich. (See adv. index, end of book)
Atha Tool Co., Newark, N. J.
Evansville Tool Works, Evansville, Ind.
Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Iron City Tool Works, 32d & Smallman, Pittsburg, Pa.
Klein-Logan Co., S. 13th & Breed, Pittsburg, Pa.
Pittsburg Tool & Drop Forge Co. ("Cheswick"), Arrott bldg, Pittsburg, Pa. Works, Cheswick, Pa.
Plumb, Fayette R. (Inc.). Frankford, Phila., Pa.
Solid Steel Tool Co., 11 S Jeff'n, Chicago, Ill.
Verona Tool Works, Verona, Pa., & Murtland bldg, Pittsburg, Pa.

Hammers (Pavers').

Ames Plow Co., Quincy Hall, Boston
ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Atha Tool Co., Newark, N. J.
Atkins, E. C. & Co., Indianapolis, Ind.
Crescent Novelty Mfg. Co., 703 S B'way, St. Louis, Mo.
Evansville Tool Works, Evansville, Ind.
Harvey, H. H., 608 Atlantic av, Boston, Mass.
Isele, A. W. & Son, 51 Pitts, Boston
Plumb, Fayette R. (Inc.), Frankford, Phila., Pa.
Schueddig, Ferd. & Son, 525 S Jefferson av, St. Louis, Mo.
Stortz, Jno. & Son, 210 Vine, Phila., Pa.
White, L. & I. J. Co., c Perry & Columbia, Buffalo, N. Y.

Hammers (Pile Drivers').

AMERICAN HOIST & DERRICK CO., St. Paul, Minn. Branch Offices, 60 S Canal, Chicago; 39 Cortlandt, N. Y.; Tremont bldg, Boston, Mass.; Hennen bldg, New Orleans, La., & Builders' Exchange, Baltimore, Md. (See adv. index, end of book)
Bartlett, A. F. & Co., Saginaw, Mich.
Bethlehem Foundry & Machine Co., So. Bethlehem, Pa.
Contractors' Plant Mfg. Co., 125 Erie, Buffalo. N. Y.
LIDGERWOOD MFG. CO., 96 Liberty, N. Y., & Old Colony bldg. Chicago. (See adv. front colored page)
MUNDY, J. S., 22 Prospect, N. J. (See adv., Front Colored Page)
Mundy, J. S., 22 Prospect, Newark, N. J.

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Cincinnati, Oct.17,1904.

Messrs.Samuel E.Hendricks Co.,
76 Elm St.,
New York.

Gentlemen:-

Replying to yours of the 15th inst. We beg to state that we will not be in the market for any heavy machinery in our Structural Yard with the exception of Over-Head Traveling Electric Cranes.

Respectfully yours,
The Cincinnati Iron Store Co.,
Iron
E H Busch
PRES'DT

Toledo Foundry & Machine Co., 202 Cherry, Toledo, O.
South St. Louis Foundry, 7516 S B'way St. Louis, Mo.
Vulcan Iron Works, 63 Milwaukee av, Chicago

Hammers (Plumbers')

Bernz, Otto, S 13th c S Orange av, Newark, N. J.

Hammers (Pneumatic)

(See Pneumatic Hammers.)

Hammers (Power)

Baush Machine Tool Co., Springfield, Mass.
Beaudry & Co., 141 Milk, Boston, Mass.
Bliss, E. W. Co., 19 Adams, Brooklyn, N. Y.
Bradley, C. C. & Son, Syracuse, N. Y.
Chambersburg Engineering Co., Chambersburg, Pa
Davis, Geo. E. ("The Boss"), Dubuque, Ia.
Dienelt & Eisenhardt (Spring), 1302 N Howard, Philadelphia, Pa.
ELMES, CHAS. F. ENGINEERING WORKS, c N Morgan & Sangamon, Chicago, Ill. (See adv. index, end of book)
Eppinstall, H. Forge Co., 47th & A V R R, Pittsburg, Pa.
Fairbanks, E. T. & Co., St. Johnsbury, Vt.
Justice, Philip S. & Co., 14 N 5th, Phila., Pa.
KIDDER, R. E., 2 Hermon, Worcester, Mass.
Long & Allstatter Co. (Belt, Motor or Steam Driven), Hamilton, Ohio
Manning, Maxwell & Moore, 85 Liberty, N. Y.; 2 S Canal, Chicago, Ill.: Park bldg, Pittsburg, Pa.; Boston, Mass., & Cleveland, O.
Merrill Bros., 465 Kent av, Brooklyn, N. Y.
Miami Valley Machine Tool Co., Dayton, O.
Morgan Engineering Co., Alliance, O.
National Machinery Co., Tiffin, O.
Niles-Bement-Pond Co., 136 Liberty, N. Y. Works, Hamilton, O., Phila., Pa., & Plainfield, N. J.
Scranton & Co., New Haven, Conn.
Toledo Machine & Tool Co., Toledo, O.
Turner, Vaughn & Taylor Co., Cuyahoga Falls, Ohio
Williams, White & Co., Moline, Ill.
Woolly Foundry & Machine Co., Anderson, Ind.

Hammers (Riveting)

Cheney, Henry Hammer Co., Little Falls, N. Y.
Harvey, H. H., 608 Atlantic av, Boston, Mass.
Hammond, C. & Son, Ogontz, Pa.
Humason & Beckley Mfg. Co., "H. & B. Cast Steel," New Britain, Conn.
Mack & Co., Rochester, N. Y.
Maydole, David Hammer Co. (Crucible Steel). Norwich, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn., & Cleveland, O.
Plumb, Fayette R. (Inc.), Frankford, Phila., Pa.
Solid Steel Tool Co. ("S. T. S."), 11 S Jefferson, Chicago, Ill.
Standard Railway Equipment Co., National B'k of Commerce bldg, St. Louis, Mo.
Stover Mfg. Co., Freeport, Ill.
Warner, M. R. & Son, Cromwell, Conn.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago; Akron, O., & 111 Chambers, N. Y. (See adv. index, end of book)

Hammers (Slaters')

(See Also Tools, Slaters'.)

ANDERSON, W. H. & SONS, DETROIT, Mich. (See adv. index, end of book)
Evansville Tool Works, Evansville, Ind.
Harvey, H. H., 608 Atlantic av, Boston, Mass.
Isele A. W. & Son, 51 Pitts, Boston, Mass.
Salem Nail Co. (Best Steel), 279 Pearl, N. Y.
Stortz, Jno. & Son, 210 Vine, Phila., Pa.

Hammers (Steam)

Alliance Machine Co., Alliance, O.
Bell, David Engineering Works, Buffalo, N. Y.
Bethlehem Foundry & Machine Co. (Double Acting), So. Bethlehem, Pa.
Chambersburg Engineering Co., Chambersburg, Pa.
ELMES, CHAS. F. ENGINEERING WORKS (Helve), cor Fulton & N Sangamon, Chicago, Ill. (See adv. index, end of book)
Eppinstall, H. Forge Co., 47th & A V R R, Pittsburg, Pa.
Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Kline, Lewis T., Alpena, Mich.
Lane Tool Co. (Drop & Forge), 1196 Hamilton, Cleveland, O.
Lockwood Mfg. Co. (Inc.), 61 Summer, E. B., Boston, Mass.
McDougal & Potter Co., 606 W 55th, N. Y.
Manning, Maxwell & Moore, 85 Liberty, N. Y. 22 S Canal, Chicago, Ill.; Park bldg, Pittsburg, Pa.; Cleveland, O., & Boston, Mass.
Morgan Engineering Co., Alliance, O.
Niles-Bement-Pond Co. (single, double & open frame), 136 Liberty, N. Y. Works, Hamilton, Ohio; Phila., Pa., & Plainfield, N. J.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.
Trethewey, Samuel & Co. (Especially for Tool Steel), (Ltd.), 47th nr Butler, Pittsburg, Pa.
Williams, White & Co., Moline, Ill.

Hammers (Stone Cutters')

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Atha Tool Co. (all kinds), Newark, N. J.
Clark, Alex. & Co., Quincy, Mass.
Crescent Novelty Mfg. Co., 703 S B'way, St. Louis, Mo.
Evansville Tool Works, Evansville, Ind.
Harvey, H. H., 608 Atlantic av, Boston, Mass.
Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Humason & Beckley Mfg. Co., "H. & B. Cast Steel, New Britain, Conn.
Isele, A. W. & Son, 51 Pitt, Boston, Mass.
Klein, Logan Co., S 13th & Breed, Pittsburg, Pa.
Mack & Co., Rochester, N. Y.
Martin & Collins, Quincy, Mass.
Maydole, David Hammer Co., Norwich, N. Y.
Plumb, Fayette R. (Inc.), Frankford, Phila, Pa.
Schueddig, Ferd. & Sons, 525 S Jefferson av, St. Louis, Mo.
Warner, M. R. & Son, Cromwell, Conn.
White, L. & I. J. Co., Buffalo, N. Y.

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GENERAL OFFICES, SPRINGFIELD, MO.

SPRINGFIELD, MO. 4/28, 1904.

T. C. FILLER.

S.E.Hendricks Co.,

New York,N.Y.

Gentlemen:-

We have your favor of the 25th inst. and I beg to advise that we received the information asked for relative to the name of the manufacturers of the Moore & Bristol Patent Tomato Can Fillers, and have placed an order with the Sprague Canning Machinery Co. for one of these machines.

Thanking you for your attention to this matter, I am

Yours truly,

Ab Daily

Purchasing Agent.

Hammers (Tack & Nail)

Arcade Mfg. Co., Freeport, Ill.
Atha Tool Co., Newark, N. J.
Billings & Spencer Co., Hartford, Conn.
Chalfant Mfg. Co., Lancaster, Pa.
Chantrell Tool Co. (Cast Iron & Steel), Reading, Pa.
Cheney, Henry, Hammer Co., Little Falls, N. Y.
Denison Mfg. Co. (Tack), Warren, O.
Disston, Henry & Sons (Inc.), Tacony, Phila., Pa., & 75 W Wash'n, Chicago, Ill.
Evansville Tool Works, Evansville, Ind.
Franklin Specialty Co. (Nickel Plated), Reading, Pa.
Hammond, C. & Son, Ogontz, Pa.
Heller Bros. Co., Newark, N. J.
Henry, John T. Mfg. Co., Hamden, Conn.
Humason & Beckley Mfg. Co., "H. & B. Cast Steel, New Britain, Conn.
Landers, Frary & Clark, New Britain, Conn.
Maydole, David Hammer Co. (Nail only), Norwich, N. Y.
New England Specialty Co., North Easton, Mass.
Osborne, C. S. & Co., 96 Mechanic, Newark, N. J.
Peck, Stow & Wilcox Co., Southington, Conn., & 27 Murray, N. Y.
Philadelphia Steel & Iron Co., Fkd., Phila., Pa.
Phoenix Hardware Mfg. Co., Homer, N. Y.
Piper Mfg. Co., Winchendon, Mass.
Robertson Arthur R. (Tack & Magnet), 144 Oliver, Boston, Mass.
Springfield Machine Screw Co. ("Diamond" Nail), Springfield, Mass.
Stanley Rule & Level Co., New Britain, Conn.
Stover Mfg. Co. (Cast), Freeport, Ill.
Troy Nickel Works (Jno. E. Gaitley, prop.), (Alaska, Solid Steel, Full Nickel Plated), Albany, N. Y.
WHITMAN & BARNES MFG. CO., (Adze Eye Nail), Akron, O.; West Pullman, Chicago, Ill., & 111 Chambers, N. Y. (See adv. index, end of book)
Williams, A. C., Ravenna, O.
Williams, C. A & Co., Skowhegan, Me.
Wrightsville Hardware Co., Wrightsville, Pa.

Hammers (Tinners')

Atha Tool Co., Newark, N. J.
Cheney, Henry Hammer Co., Little Falls, N. Y.
Evansville Tool Works, Evansville, Ind.
Maydole, David, Hammer Co., Norwich, N. Y.

Hammers (Tire Welding)

Williams, White & Co., Moline, Ill.

Hammers (Trip)

(See also Hammers, Power.)

Crane, W W Foundry & Machine Works (Air Cushion), Auburn, N. Y.
Diamond Iron Works ("Iron Store Giant"), Minneapolis, Minn.
Kauffman, J. A., Miamisburg, O.
Macgowan & Finnigan Foundry & Machine Co. ("Perfect"), St. Louis, Mo.
Mayer Bros. ("New Little Giant"), Mankato, Minn.
Merrill Bros., 465 Kent ave., Brooklyn, N. Y.

Hammers (Upholsterers')

Atha Tool Co., Newark, N. J.
Dicke Tool Co., Downer's Grove, Ill.
Bonney Vise & Tool Works (Inc.), "Steel," 3015 Chestnut, Phila., Pa.
Kraeuter & Co., Newark, N. J.
Osborne, C. S. & Co., Newark, N. J.
Wrightsville Hardware Co., Wrightsville, Pa.

Hammock Mfrs.

Brayshaw, Jas., North Weymouth, Mass.
Fowler Net & Twine Co., 200 Market, Phila., Pa.
Gem Hammock & Fly Net Co., Milwaukee, Wis.
Hoffman-Corr Mfg. Co. (Globe-Lion Brand), 107 Duane & 16 Thomas, New York; 413 Market, Phila., Pa.; 570 Loomis, Chicago, Ill., & 118 Bay, Toronto, Can. Factories, Phila., Pa., & Fitchburg, Mass.
La Crosse Hammock Works, La Crosse, Wis.
Masland, Joseph H. Co., 4819 Gtn av, Phila., Pa.
Palmer, I. E., Middletown, Conn.
Patterson-Holibfield Mfg. Co., 2300 N 8th, Phila., Pa.
Shoyer, D. W. & Co., 18th & Bristol, Phila., Pa
Standard-Hicks Hammock Co., Mt. Holly, N. J.
Sun Mfg. Co. ("Sunshine"), Columbus, O.
Thomas, T. B. & Co., Quincy, Mass.
Travers Bros. Co., 41 Worth, N. Y.
Western Hammock Co., La Crosse, Wis.
Weston & Wells Mfg. Co., 1110 Noble, Phila., Pa.

Hammocks (Woven Wire)

Lloyd Mfg. Co., Minneapolis, Minn.

Hand Grenades.

(See Fire Extinguishers.)

Hand Screws

(See Screws, Hand.)

Handles (Adjustable Auger)

Bonney Vise & Tool Works (Inc.), "Hayes," 3015 Chestnut, Phila., Pa.

Handles (Boiler)

Arcade Mfg. Co., Freeport, Ill.
Berger Bros. Co., 237 Arch, Phila., Pa.
Troy Nickel Works (Jno. E. Gaitley, prop.), (Also Drop Handles, etc.), Albany, N. Y.
Weller Hdw. & Foundry Co. (or Milk Can), Horseheads, N. Y
Wrightsville Hdw. Co., Wrightsville. Pa.

Handles (Brake)

American Iron & Steel Mfg. Co., Lebanon, Pa.
Billings & Spencer Co. (Drop Forged), Hartford, Conn.
Brill, J. G. Co. (Brass & Malleable Iron), 62d & Woodland av, Phila., Pa.
Central Union Brass Co., St. Louis, Mo.
Columbia Machine Works & Malleable Iron Co. (Adjustable), Brooklyn, N. Y.
Dayton Mfg. Co. (Kling-Lean & Gravity), Dayton, O.
McGuire-Cummings Mfg. Co., 122 N Sangamon, Chicago
Ohio Brass Co., Mansfield, O.
Silver, Wm. S. & Co., 115 B'way, N. Y.
Sterling-Meaker Co. (Electric Car), 420 Ogden, Newark, N. J.
Western Electric Supply Co., St. Louis, Mo.

Handles (Cable)

MAYER & ENGLUND, 1024 Filbert, Phila., Pa.
Norton Tool Co., West Park, O.

Handles (Car Coupling)

Handlan-Buck Mfg. Co. ("Bishop's"), 212 N 3d, St. Louis, Mo.

Handles (Chest)

NATIONAL SUPPLY CO., 7 W Lombard, Baltimore, Md. (See adv. index, end of book)
Penn Hardware Co., Reading, Pa.
STANLEY WORKS (Wrought New Britain, Conn., & 79 Chambers, New York. (See adv. index, end of book)
Stover Mfg. Co., Freeport, Ill.
Wrightsville Hardware Co. (Surface), Wrightsville, Pa.

Handles (Circuit Breaker)

American Enamel Co., Providence, R. I.
Duranoid Mfg. Co., 28 Prospect, Newark, N. J.
Novelty Turning Co., Fitchburg, Mass.
Rauscher, John, 98 W 3d, St Paul, Minn.

Handles (Drop Forged, Machine)

Transue & Williams Co., Alliance, O.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill., Akron, O., & 111 Chambers, New York. (See adv. index, end of book)
Williams, J. H. & Co., 9 Richards, Brooklyn, N. Y.

Handles (Electric Switch)

American Enamel Co., Providence, R. I.
Bogart & Hopper, 162 William, N. Y.
Ehnborn, C. & Co., 19 N Jefferson, Chicago, Ill.
ELECTROSE MFG. CO., 127 N 10th, Brooklyn, N. Y.
Estes, E. B. & Sons, 45 John, N. Y.
Novelty Turning Co., Fitchburg, Mass.
Rauscher, Jno., 30 W 3d, St. Paul, Minn.
Scranton Button Co., Scranton, Pa.
Union Hardware Co., Torrington, Conn.

Handles (File)

Federal Mfg. Co., Amer. Trust bldg, Cleveland, O.
Schriver, O. P. & Co., (Malleable Iron, "I. X. L."), 208 Elm, Cincinnati, O.

Handles (Iron Shovel)

Handlan-Buck Mfg. Co. ("Jackson"), 212 N 3d, St. Louis, Mo.

Handles (Leather)

Buffalo Specialty Mfg. Co. (Tool), 375 Ellicott, Buffalo, N. Y.

Handles (Machine)

Billings & Spencer Co., Hartford, Conn.
Keystone Drop Forge Works, Chester, Pa.
New Britain Hardware Mfg. Co., New Britain, Conn.
Transue & Williams Co., Alliance, O.
WHITMAN & BARNES MFG. CO., Akron, O.; 111 Chambers, N. Y.; Chicago, Ill., & Syracuse, N. Y. (See adv. index, end of book)
Williams, J. H. & Co., 9 Richards, Brooklyn, N. Y.
Wilcox, D. Mfg. Co., Mechanicsburg, Pa.

Handles (Plow)

Hanover Plow Handle Co., Hanover, Pa.

Handles (Ratchet Brake)

Adams & Westlake Co., Ontario & N Franklin, Chicago, Ill.; 2042 N 10th, Phila., Pa., & 26 Cortlandt, New York
Beverly Engine & Machine Co., Beverly, Mass.
Billings & Spencer Co. ("The Kelsey Noiseless"), Hartford, Conn
Brill, J. G. Co., 62d & Woodland av, Phila., Pa.
Burns Silver Co., Bridgeport, Conn.
Columbia Machine Works & Malleable Iron Co., 167 Chestnut, Brooklyn, N. Y.
Ohio Brass Co., Mansfield, O.
Silver, Wm. S. & Co., 115 B'way, N. Y.

Handles (Soldering Iron)

Troy Nickel Works (Jno. E. Gaitley, prop.), (Alaska Wire), Albany, N. Y.

Handles (Tub)

STANLEY WORKS (Wrought Curved Plate), New Britain, Conn., & 79 Chambers, New York. (See adv. index, end of book)

Handles (Valve)

Gaitley, Jno. E. (Troy Nickel Works) (Alaska Wire), Albany, N. Y.
Sawyer Tool Co. (Prouty Wire), Fitchburg, Mass.
Troy Nickel Works ("Alaska" Wire), (Jno. E. Gaitley, Prop.), Albany, N. Y.

Handles (Window & Shutter)

STANLEY WORKS (Wrought Steel), New Britain, Conn., & 79 Chambers, New York. (See adv. index, end of book)

Handles (Wood)

(This is not a complete list of Handle Mfrs.; it is published for purchasing purposes.)

ALABAMA.

CULLMAN—Geisen Bros. Handle Mfg. Co.
HUNTSVILLE—Henderson, Minchener & Henderson
Southern Handle Co.
MOBILE—Zelnicker, Walter A. Supply Co. (Hickory, Axe, Maul, etc.)
UNION SPRINGS—Caldwell & Ramsey

ARKANSAS

LITTLE ROCK—Little Rock Hoop Co.

CONNECTICUT

DEEP RIVER—Williams & Marvin Mfg. Co.
PINE MEADOW—Chapin-Stephens Co. (Plane, Saw, Chisel & File)
SALISBURY—Salisbury Cutlery Handle Co. (Cutlery)
SAUGATUCK—Doscher Plane & Tool Co. (Chisel, Awl, File, Sirew Driver, Plane, Carvers, etc.)

GEORGIA.

ATLANTA—Atlanta Woodenware Co. (Axe)

ILLINOIS

CHICAGO—Geisen N. & Co. (Hammer), 183 Newberry av
Hartwell Bros., 279 Dearborn
DANVILLE—Whitmore Bros. & Co. (Tool)
FLORA—Meyer Bros. (Axe, etc.)
STERLING—Peck, Jno. (Knife)

INDIANA

AUBURN—Cherry, J. M. & Co.
BLUFFTON—Buck, J. M.
EVANSVILLE—Crescent Handle Works (Shovel Handles & Hub Blocks)
Ott, Albert J.
White Oak Handle Co.
FAIRMOUNT—Cleveland & Palmer Frankfort Handle Mfg. Co.
FRANKFORT—Cleveland & Palmer Handle Co.
Frankfort Handle Mfg. Co.
HUNTINGBURG—Hartwell Mfg. Co.
INDIANAPOLIS—Atkins, E. C. & Co. (Cross Cut Saw)
LOGANSPORT—Hillock & Pitman (all kinds).
Howe, Sam'l E. (Plow)
MARION—Marion Handle & Mfg. Co.
MONTPELIER—Jackson Shovel & Tool Co. (Shovel, Spade, etc.)
NEW ALBANY—Force, I. F., Handle Co.
NEW CASTLE—Jennings, S. P.
NEW HAVEN—Schnitker, A. R. & Son
Sperry Mfg. Co.
UNION CITY—Clark, A. L.
VEEDERSBURG—Johnson & Marshall
VINCENNES—Indiana Handle Co.

IOWA

WEST POINT—West Point Handle Co.

KENTUCKY

HICKMAN—Tyler, R. T.
LOUISVILLE—Turner, Day & Woolworth Co., 1818 7th

LOUISIANA.

NEW ORLEANS—Zelnicker, Walter A. Supply Co., Hickory av, Maul, etc.

MAINE

AUGUSTA—Harvey, H. H.
GARDINER—Oakland Mfg. Co. (Broom)

MASSACHUSETTS

CAMBRIDGE—Standard Tuning Works
BOSTON—Harvey, H. H., 608 Atlantic av.
FITCHBURG—Novelty Turning Co. (Knife, File, Small Tool, Lther, Stencil Brush, etc.)
NORTHAMPTON—Smith, Chas. O. (Broom)

MICHIGAN

ALPENA—Kline, Lewis T. (for Nearly all Purposes)
BIRMINGHAM—Zimmerman, J. N.
DETROIT—Prince Handle & Mfg. Co. (Hand Shaved & Machine Made Tool, etc.)
EVANS—Mills, T. M. & Co.
FREEPORT—Cheesebroough, John
JACKSON— Withington & Cooley Mfg. Co.

MISSISSIPPI

JACKSON—Burleigh's, R. G. Sons

MISSOURI

DEXTER—I. X. L. Handle Mfg. Co.
KIRKSVILLE—Storm, Jno.
MEMPHIS—Rees Bros. Mfg. Co.
PUXICO—Fulkerson Bros. Handle Co.
ST. LOUIS—Zelnicker, Walter A. Supply Co., (Hickory Axe, Maul, etc.), 408 N 4th

NEW HAMPSHIRE

KEENE—Ellis, Austin A. (Brush)
Pierce, F. B. Corp. (Brush)
MANCHESTER—Piper, B. H. Co. (Axe, etc.)
MILFORD—Pierce, W. E. & Co.
WOLFBORO FALLS—Berry, O. P. Co.

NEW YORK

ADDISON—Harrison, Jas. S.
BRASHER FALLS—Hulburd, S. W.
BUFFALO—Union Mfg. & Specialty Co.
FREDONIA—Fredonia Handle Co.
NEW YORK—American Fork & Hoe Co. (Fork, Rake, Hoe, Shovel, Spade, etc.), 11 B'way
Carpenter & Bayles (Wholesale), 91 Chambers
Estes, E. B. & Sons (All Kinds of Small), 45 John

NORTH CAROLINA

GREENSBORO—Merrimon, B. H. & Co.
McLEANSVILLE—Forbis Mfg. Co. (Broom)
MORGANTON—Payne, J. N. & Son

OHIO

ATTICA—Winchester, D. Handle Co.
CINCINNATI—Red Star Handle Co.
CLEVELAND—American Fork & Hoe Co. (Fork, Rake, Hoe, Shovel, Spade, etc.)
COLUMBIANA—Columbiana Handle Works
COLUMBUS—Ohio Tool Co. (Chisel, File, Plane
EDON—Sheline, E. R. Augus, etc.)
EATON—Hiestand & Co.
FARMERSVILLE—Keapple & Revington.
KENTON—Young, J. W.
LIMA—Selfridge, O. B. Co.
MONROEVILLE—Yingling Bros. & Co.
NORWALK—McCrillis Handle Co.
PIQUA—Piqua Handle & Mfg. Co. (All Kinds)
SANDUSKY—Sandusky Tool Co. (Saw, Plane, File, Chisel, Awl, Augur, Cross Cut Saw, etc.)
SHENANDOAH—McClain, J. K.
SIDNEY—Benjamin, C. R. & Son
SPENCERVILLE—Reynolds, W. A.
TOLEDO—Kerr Bros. Mfg. Co.
WAPAKONETA—Fisher Handle Co. (Shaved)
Kahn, Abram
WASHINGTON C. H.—Washington Mfg. Co.
XENIA—Xenia Handle Co. (Shovel, etc.)

OREGON

NEWBERG—Hevland Bros. (Axe, etc.)

PENNSYLVANIA

BEDFORD—McLaughlin, J. L. & Son (Axe)
BETHLEHEM—Strock, L. W. & Co.
CORRY—Mahle, C. A. & Son (Ltd.) (For Small Tools)
ELDRED—Prouty, C. & Co. (Cross Cut, Cant Hook, etc.)
HANOVER—Hanover Plow Handle Co.
HAZELHURST—Wescott, J. D.
KANE—Holgate Bros. Co. (Brush & Artist, etc.)
KINZUA—Sheldon, Mason
LAKE COMO—Williams, H. A.
NORRISTOWN—Brusher, J. B. (Axe)
PITTSBURG—Pittsburg Shovel Co. (Pick, Axe, Caut-Hook, etc.)
QUAKERTOWN—Landis, S. H.
UNION CITY—Clark, Haniel & Son (Shovel)
Novelty Wood Works Co.
Union City Handle Co.
Wescott, J. D.
WARREN—Peterson, Samuel (Pick, Mining,

TENNESSEE

COOKEVILLE—Gregory, T. J.
TULLAHOMA—Campbell & Damm Mfg. Co. (Inc.), (File & Chisel Handles in the white)
NASHVILLE—Parkes, Geo. S. & Co.
SEQUATCHIE—Sequatchie Handle Works

VERMONT.

EAST ARLINGTON—Judson, J. R. (Kitchen Knife, Brush, etc.)

VIRGINIA.

FARMVILLE—Farmville Mfg. Co. (Plow)

WASHINGTON

SULTAN—Johnson, G. W. & Son (Broom, etc.)

WISCONSIN

OSHKOSH—Oshkosh Tool Mfg. Co. (Axe, Sledge, Saw, etc.)

Hangers (Arc Lamp)

Adams-Bagnall Electric Co., Stanton st, & C. P. crossing, Cleveland, O.
Anderson, Albert & J. M. Mfg. Co., 289 A st, S. B., Boston, Mass.
Bissel, F. & Co. (M. & P. Insulated), Toledo, O.
Cutter, Geo. Mfg. Co., 127 Fulton, Chicago, Ill.
Fletcher Mfg. Co., Dayton, O.

General Incandescent Arc Light Co., 529 W 34th, N. Y.
Johns, H. W.-Manville Co., 100 William, N. Y.; 171 Randolph, Chicago, Ill.; 77 Pearl, Boston, Mass.; 23 N 2d, Phila., Pa.; 217 Clybourn av, Milwaukee, Wis.; 14 S Water, Cleveland, O.; 220 1st av, Pittsburg, Pa.; 217 Magazine, New Orleans, La.; 916 N B'way, St. Louis, Mo.; Billister bldgs, London, Eng.
Macallen, W. T. C. Co., 338 Congress, Boston, Mass.
Ohio Brass Co., Mansfield, O.
Pass & Seymour, Syracuse, N. Y.
Western Electric Co., 259 S Clinton & 57 Bethune, N. Y.

Hangers (Cable)

ANDERSON, W. H. & SONS (Manhole Cable), Detroit, Mich. (See adv. index, end of book)
Barron, Jas. S. & Co., 339 Greenwich, New York
Bissell, F. Co., Toledo, O.
Chase-Shawmut Co., Newburyport, Mass.
Chicago Nut Co., 207 S Canal, Chicago
Hubbard & Co., 62d & Butler, Pittsburg, Pa.
HURD & CO., 304 Hudson, New York. (See adv. index, end of book)
Johns, H. W.-Manville Co., 100 William, N. Y.; 171 Randolph, Chicago, Ill.; 77 Pearl, Boston, Mass.; 23 N 2d, Phila., Pa.; 217 Clybourn av, Milwaukee, Wis.; 14 S Water, Cleveland, O.; 220 1st av, Pittsburg, Pa.; 217 Magazine, New Orleans, La.; 916 N B'way, St. Louis, Mo.; Billister bldgs, London, Eng.
Lanz, M. & Sons, 101 S 29th, Pittsburg, Pa.
Mayer & Englund, 1026 Filbert, Philadelphia, Pa.
Norton Tool Co. ("Messenger"), West Park, O.
Rhode Island Telephone & Electric Co., Providence, R. I.
Standard Underground Cable Co., Westinghouse bldg, Pittsburg, Pa.; 56 Liberty, N. Y.; Betz bldg, Phila., Pa.; Rookery bldg, Chicago, Ill.; Crosby bldg, Boston, Mass., & 10 P. O., San Francisco, Cal.
Vought-Berger Co., La Crosse, Wis.
Yonkers Specialty Co., Yonkers, N. Y.

Hangers (Conductor Pipe)

See also Hangers, Eave Trough.)

Iwan Bros. (Wire), Streator, Ill.
MILWAUKEE CORRUGATING CO., Milwaukee, Wis. (See adv. index, end of book)

Hangers (Conduit)

United Marine Mfg. & Supply Co., 100 William, New York

Hangers (Cycle)

Lane Bros. Co., Poughkeepsie, N. Y.
Miller & Van Winkle, 18 Bridge, Brooklyn, N. Y.

Hangers (Door)

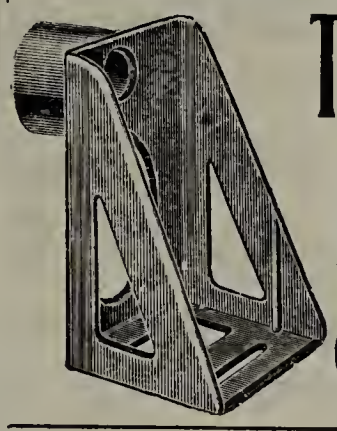
(See Door Hangers, Various Kinds.)

Hangers (Eave-Trough)

Ambro, E. A. ("The Chautauqua"), Mayville, N. Y.
American Steel Roofing Co., Middletown, O.
Baker, J. R. & Sons Co., Kendallville, Ind.
Berger Bros. Co., 237 Arch, Phila., Pa.
Berger, L. D., 59 N 2d, Phila., Pa.
BERGER MFG. CO., Main Office & Works, Canton, O. Branches, 210 E 23d, N. Y.; 23 Lake, Chicago, Ill.; 623 N Main, St. Louis, Mo.; 1215 Filbert, Phila., Pa., & 176 Federal, Boston, Mass. (See adv. index, end of book)
BOSTWICK STEEL LATH CO., Niles O. (See adv. index, end of book)
Cambridge Roofing Co., Cambridge, O.
Canton Steel Roofing Co., Canton, O.
Clark, Quien & Morse, Peoria, Ill.
Conklin Tin Plate & Metal Co., Atlanta & Savannah, Ga.
Edwards Mfg. Co., 119 Sycamore, Cincinnati, O.
Eller, J. H. & Co., Canton, O.
Excelsior Steel Furnace Co., 40 W Monroe, Chicago, Ill.
Heartley Machine Variety Iron & Steel Works, Toledo, O.
Horan Stay Hanger Co., Louisville, Ky.
Joliet Mfg. Co., Joliet, Ill.
MILWAUKEE CORRUGATING CO., Milwaukee, Wis. (See adv. index, end of book)
WHEELING CORRUGATING CO., Eave Trough & Conductor Pipe Fittings), Wheeling, W. Va.; 47 Cliff, New York; 45 Lake, Chicago, Ill.; 132 Pearl, Boston, Mass.; 402 Race, Phila., Pa.; 112 S 8th, St. Louis, Mo., & Chattanooga, Tenn. (See adv. index, end of book)

Hangers (Joist)

Clark, W. J. Co. ("Lane"), Salem, O.
Columbian Hardware Co. ("Cleveland" Steel), Cleveland, O.
DUPLEX HANGER CO. (Wall I Beam), Cleveland, O. (See adv. below)



The Duplex Hanger Co. Cleveland, O.

Goetz Box Anchor Co., New Albany, Ind.
Lanz, M. & Sons, 101 S 29th, Pittsburg, Pa.
Lincoln Iron Works, Boonton, N. J.
McDougall & Potter Co., 606 W 55th, New York
MERRITT & CO., 1024 Ridge av, Phila., Pa. (See adv. index, end of book)
Metropolitan Bolt Co., 148 Purchase, Boston, Mass.
National Iron & Wire Co. (Steel), Cleveland, O.
Phillips, A. A., Jr. (Bridle Irons), 2219 Pitkin av, Brooklyn, N. Y.
REMPPIS, WM. F. CO., Reading, Pa., & Witherspoon bldg, Phila., Pa. (See adv. index, end of book)
RIESECK, P. (wrought steel), Allegheny av & Rebecca, Allegheny, Pa. (See margin below)
Schreiber, L. & Sons Co., 8th & Eggleston av, Cincinnati, O.
SMITH, F. P., WIRE & IRON WORKS. 100 Lake, Chicago. (See adv. index, end of book)
TAYLOR & DEAN, 205 Market, Pittsburg, Pa. (See adv. index, end of book)
Van Dorn Iron Works Co. (Steel), 1793 E Madison av, Cleveland, O.
VARIETY MFG. CO., 77 W Lake, Chicago, Ill. (See adv. index, end of book)

Hangers (Pipe)

Ahrens & Ott Mfg. Co., Louisville, Ky.
American Hardware & Mfg. Co., Ottawa, Ill.
Avery Stamping Co. ("Neverbreak"), Cleveland, O.
Badger Brass Mfg. Co., Kenosha, Wis.
Bailey-Farrell Mfg. Co., 619 Smithfield, Pittsburg, Pa.
Barrett, Jas. Mfg. Co., 215 Franklin, Boston, Mass.
Beaton & Corbin Mfg. Co., Southington, Conn.
Belfield, H. & Co. (Multiple & Expansion), 435 N Broad, Phila., Pa.
Berger Bros. Co., 237 Arch, Phila., Pa.
Billings, D. L. Co. ("Perfect"), 780 Dudley, Boston, Mass.
Blaiser, M. E. & Co., Utica, N. Y.
Blake & Williams, 211 W 20th, N. Y.
Buckley-Hart Mfg. Co. (Brass), 527 Franklin, Detroit, Mich.
Climax Specialty Co., Seneca Falls, N. Y.
Collins Mfg. Co., 125 Water, Pittsburg, Pa.
Cornell & Underhill, "Eureka," 45 Beach, N. Y.
CRANE CO., Est., 1855, Chicago, New York, Phila., St. Louis, Kansas City, Mo., Sioux City, Los Angeles, San Francisco, Omaha, Portland, Ore., Salt Lake City, Utah, Seattle, Wash., & Spokane, Wash. (See adv. index, page 1200)
Crawford Specialty Co., 311 Warren Rox, Boston, Mass.
Cryer, T. B. & Co., 249 High, Newark, N. J.
Davis, John Co. ("Eclipse"), 69 Michigan, Chicago, Ill.
Devlin, Thos. & Co. ("Kane," "National"), 3d & Lehigh av, Phila., Pa.
Eaton, Cole & Burnham Co., 253 B'way, N. Y.
Evory Mfg. Co. ("Mack"), 102 John, N. Y.
Fec & Mason (Iron & Brass), 66 Beekman, N. Y.
Flagg, Stanley G. & Co. (Malleable Iron), 19th and Pa. av, Phila., Pa.
Glenn Mfg. Co. ("Expansion Ring"), St. Charles, Ill.
Griffing, A. A. Iron Co. ("Bundy," "Giant"), 449 Communipaw av, Jersey City, N. J.
Hart-Ayres Plumbing Co. ("Ideal"), 4th av & Degraw, B'klyn, N. Y.
Haydenville Mfg. Co., Haydenville, Mass., & 150 Nassau, N. Y.
Hayes Pump & Planter Co. ("Dack"), Galva, Ill.
Hiscox, W. T. & Co., 95 Liberty, N. Y.
Hodgdon Brass Works (Brass), 164 High, Boston, Mass.
Hoffman-Billings Mfg. Co., Milwaukee, Wis.
Hoopes & Townsend Co., 1330 Buttonwood, Phila., Pa.
Illinois Malleable Iron Co. ("Chicago"), 30 W Monroe, Chicago, Ill.
Jarecki Mfg. Co., Erie, Pa., & Pittsburg, Pa.
Kelly & Jones Co. ("Jones" Patent), 135 Water, Pittsburg, Pa.; 59 Clark, Chicago, Ill.; 15 Park row, N. Y. Works, Greensburg, Pa.
Kriebel & Co., 826 Spring Garden, Phila., Pa.
Kupferle, Jno. C. (Expansion), 2d & Mound, St. Louis, Mo.
Libbey, Parker & Co. ("Victor"), 416 Atlantic av, Boston, Mass.
McShane, Henry Mfg. Co., 441 North, Baltimore, Md., & 81 Fulton, New York
Modern Iron Works (Expansion or Ring Hooks), Quincy, Ill.
Moore, Joshua, Marseilles, Ill.
Mulford Heater Co., Galva, Ill.
Mullaney's, Jas. Son (Brass), 25th & Lex. av
National Supply Co., Toledo, O. New York
Newbury, Jay H., Goshen, N. Y.
Newbury Mfg. Co. (Adjustable Expansion, etc.), Monroe, N. Y.
Park & McKay Co., 55 Bagley, Detroit, Mich.
Peck Bros. & Co., New Haven, Conn.
Penn Engineering Co. (Hanna Ball Joint), 312 Cherry, Phila., Pa.
Pleuger & Henger Mfg. Co., 11th & Herbert, St. Louis, Mo.
Powhatan Brass & Iron Works, Charleston, W. Va.
Reed Mfg. Co. (Clark Adjustable), Erie, Pa.
Register's, J. Sons Co., 49 W Holliday, Baltimore, Md.
Rutzler, E. ("Universal"), 178 Centre, N. Y.
SIMMONS, JNO. CO. ("American," "Notherland"), 110 Centre, N. Y.
Sproul & McGurrin ("I. X. L."), Grand Rapids, Mich.
Street & Kent Mfg. Co., 109 S Jefferson, Chicago
United Metal Mfg. Co., 186 Wooster, N. Y.
Victor Supply Co. ("Abbott"), Springfield, O.
Walworth Mfg. Co., 132 Federal, Boston, Mass.
Webb, F. W. Mfg. Co., 50 Elm, Boston, Mass.
Wolverine Brass Works, Grand Rapids, Mich.
Western Tube Co. (Expansion), Kewanee, Ill. Sales Offices, 204 Dearborn, Chicago, Ill.; 15 Park row, N. Y.; Security bldg, St. Louis, Mo.; Lumber Exchange, Minneapolis, Minn.; Mills bldg, San Francisco, Cal., & Tulane-Newcomb bldg, New Orleans, La.
Young, Jos. H. ("Boston"), 80 Franklin, Boston, Mass.

Hangers (Ring Oiling)

Estes Mfg. Co., 301 State, Rochester, N. Y.

Hangers (Roller & Ball Bearing)

American Roller Bearing Co. (Roller), 40 Binford, Boston, Mass.
Auburn Ball Bearing Co. (Ball), Auburn, N. Y.
Hyatt Roller Bearing Co., Harrison, N. J.
Iroquois Machine Co. (Roller), Providence, R. I., & 150 Nassau, New York

P. RIESECK, FOR ESTIMATES ON *ALL KINDS OF IRON WORK*
Allegheny Ave. and Rebecca St., ALLEGHENY, PA.

Pressed Steel Mfg. Co. (Ball), Ridge av & Wilow, Phila., Pa.
Standard RRoller Bearing Co. (Roller & Ball), N 48th & Girard av, Phila., Pa.

Hangers (Self-Oiling)

AMERICAN TOOL & MACHINE CO., 109 Beach, Boston, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Cresson, Geo. V. Co., Allegheny av, W of 17th,
Dodge Mfg. Co., Mishawaka, Ind.; 45 Dey, N. Y.; 168 S Clinton, Chicago; 137 Purchase, Boston, Mass., & 128 W 3d, Cinn., O.
Estes Mfg. Co. (Ring Oiling), Rochester, N. Y.
Fay, J. A. & Egan Co., c Front & John, Cinn., O.
Fairmount Machine Co., 22d & Wood, Phila., Pa.
Falls Rivet & Machine Co., Cuyahoga Falls, O.; 208 Fulton, N. Y.
Great Western Mfg. Co., Leavenworth, Kan.
Jones & Laughlins Steel Co., Pittsburg, Pa.
McMurray. C. F. Co. ("Edison," Ball & Socket Adjustable Chain Oiler), Troy, N. Y.
Medart Patent Pulley Co., St. Louis, Mo.
Platt Iron Works Co., Dayton, O., & 93 Liberty, New York
Sprout, Waldron & Co., Muncy, Pa.
Taper Sleeve Pulley Works, Erie, Pa.
Woonsocket, Machine & Press Co., Woonsocket, R. I.

Hangers (Shaft, Post, Bracket, etc.)

Allentown Foundry & Machine Works Co., Allentown, Pa.
AMERICAN TOOL & MACHINE CO., 109 Beach, Boston, Mass.
Barnard & Leas Mfg. Co., Moline, Ill.
BARTLETT, C. O. & SNOW CO., 26 French, nr Columbus, Cleveland, O. (See adv. index, end of book)
Bates Machine Co., Jollet, Ill.
Brown, A. & F. Co, 26 Cortland, N. Y. Works, Elizabeth, N. J.
Brown & Sharpe Mfg. Co. (Counter Shaft, etc.), Providence, R. I.
Burlingame, A. & Co., Worcester, Mass.
Case Mfg. Co., Columbus. O.
Chase Turbine Mfg. Co., Orange, Mass.
Chickasaw Iron Works, Memphis, Tenn.
Cresson, Geo. V. Co., Allegheny av. W of 17th, Phila., Pa., & 141 Liberty, N. Y.
Davis, F. M. Iron Works Co., 8th & Larimer. Denver, Col.
Dayton Globe & Iron Works Co., Dayton, O.
Dodge Mfg. Co., Mishawaka, Ind.; 145 Dey, N. Y.; 168 S Clinton, Chicago; 137 Purchase, Boston, Mass., & 128 W 3d, Cinn., O.
Ellicott Machine Co., Bush cor Severn, Baltimore, Md.
Exeter Machine Works, Pittston, Pa.
Fairmount Machine Co., 22d & Wood, Phila., Pa.
Falls Rivet & Machine Co., Cuyahoga Falls, O.; & 206 Fulton, N. Y.
Fay, J. A. & Egan Co., c Front & John, Cinn., O.
FILER & STOWELL CO., Becher & Ziemer, Milwaukee, Wis. (See adv. index, end of book)
Frick Co., Waynesboro, Pa.
Golden Foundry & Machine Co., Columbus, Ga.
Greenwald, I. & E. Co., 714 E Pearl, Cinn., O.
Hill Clutch Co., ft Waverly av, Cleveland, O.
HOWARD IRON WORKS, Buffalo, N. Y., 1287 Chicago, & 126 Liberty, N. Y. (See adv. index, end of book)
Hunt, Rodney Machine Co., Orange, Mass.
Huntsville Foundry & Machine Works (Nolan & Jones, Proprs.). Huntsville, Ala.
Jones, W. A. Foundry & Machine Co., 143 W North av, Chicago
Jones & Laughlins Steel Co., Pittsburg, Pa.
Kaestner & Co. (Inc.), 241 S Jefferson, Chicago
Klein, Chas. C., N Marshall, Phila., Pa.
Keagy & Lear Machine Co., Coshocton, O.
Lane & Bodley Co., c John & Water, Cinn., O.
Link Belt Engineering Co., Nicetown, Phila., Pa.; Park bldg, Pittsburg, Pa., & 49 Dey, N. Y.
Link Belt Machinery Co., 39th & Stewart av, Chicago
McMurray, C. F. Co., Troy, N. Y.
Medart Patent Pully Co. (Capillary or Ring Oiling), 3500 De Kalb, St. Louis, Mo.
Nordyke & Marmon Co., Cincinnati, O.
Plamondon, A. Mfg. Co., 57 S Clinton, Chicago, Ill.
Platt Iron Works Co., Dayton, O., & 93 Liberty, New York
Poole Engineering & Machine Co., Baltimore, Md.
Pryibil, Paul (est. of), 512 W 41st, N. Y.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.
Skillin & Richards Mfg. Co., 147 Fulton, Chicago
Smith, H. B. Machine Co., Smithville, N. J.
Sprout, Waldron & Co., Muncy, Pa.
STURTEVANT, B. F. CO., Hyde Park. Mass.; 34 Oliver, Boston, Mass.; 281 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria st., London, Eng. (See adv. index, end of book)
Union City Foundry Co., Union City, Pa.
Union Iron Works, 222 Market, San Francisco, Cal.
Valley Iron Works, Williamsport, Pa.
Variety Iron Works, York, Pa.
Waterbury Farrell Foundry & Machine Co., Waterbury, Conn.
Webster Mfg. Co., 1075 W 15th, Chicago, & 38 Dey, N. Y.
Williamsport Clutch & Pulley Co., Williamsport, Pa.
Witte Iron Works Co., Kansas City, Mo.
Woods, T. B. Sons, Chambersburg, Pa.
Woonsocket Machine & Press Co., Woonsocket, R. I.
Yocom, Jas. & Son (Adjustable), 145 N 2d, Phila., Pa.

Hangers (Shaft, Pressed Steel)

Standard Pressed Steel Co. ("American Pioneer"), 20th & Clearfield, Phila., Pa.

Hangers (Sliding Blind)

Kidder, Danl. & Son, North Groton, N. H.

Hangers (Step)

Keystone Drop Forge Works (For Car Steps, etc.), Chester, Pa.

Hangers (Storm Sash)

Willer Mfg. Co., 313 Cedar, Milwaukee, Wis.
Winter, R. G. (The Sensible), 327 Nicollet, Minneapolis, Minn.

Hangers (Trolley Wire)

Central Electric Co. (Straight Line), 264 5th av, Chicago, Ill.
Creaghead Engineering Co., 313 Walnut, Cincinnati, O.
Ohio Brass Co., Mansfield, O.
Post-Glover Electric Co., 314 W 4th, Cincinnati, O.

Hardening & Tempering Processes, Etc.

(See Compounds, Case Hardening & Tempering)

Hardies

Evansville Tool Works (Straight & Circular Cut, Evansville, Ind.

Hardware Bins (Movable)

Clark, W. J. Co., Salem, O.

Hardware (Builders' Rustless)

BOMMER SPRING HINGES

257 to 271 Classon av, Brooklyn, N. Y. (See adv. index, end of book)
Chicago Hardware Co., 40 Dearborn, Chicago, Ill.
Columbian Hdw. Co., Cleveland, O., 14 Warren, N. Y., & 86 Michigan, Chicogo, Ill.
Corbin, P. & F., New Britain, Conn.; 17 Murray, N. Y.; 104 Lake, Chicago, Ill., & 925 Market, Phila., Pa.
Reading Hardware Co., Reading, Pa.; 617 Market, Phila., Pa.; 96 Reade, N. Y., & 105 Lake, Chicago, Ill.
Russell & Erwin Mfg. Co., New Britain, Conn.; 43 Chambers, N. Y.; Marquette bldg, Chicago, Ill., & 19 N 5th, Phila., Pa.
Sargent & Co., New Haven, Conn., & 151 Leonard, N. Y.
Yale & Towne Mfg. Co., Stamford, Conn.; 9 Murray, New York; Witherspoon bldg, Phila., Pa.; 131 Wabash av, Chicago, Ill.; 12 Pearl, Boston, Mass., & San Francisco, Cal.

Hardware from Architects' Designs

Brass Goods Mfg. Co., 7 Warren, New York, & Nevins & Union, Brooklyn, N. Y.
Chicago Hardware Co., 40 Dearborn, Chicago, Ill.
Corbin, P. & F., New Britain, Conn.; 17 Murray, N. Y.; 925 Market, Phila., Pa., & 104 Lake, Chicago, Ill.
JACKSON, WM. H. CO., 29 E 17th (Union Square), N. Y. (See adv. index, page 1200)
Norwalk Lock Co., South Norwalk, Conn.
PITT, WILLIAM R. COMPOSITE IRON WORKS, 111 5th av, N. Y. (See adv. index, end of book)
Reading Hardware Co., Reading, Pa.; 96 Reade, N. Y.; 617 Market, Phila., Pa., & 105 Lake, Chicago, Ill.
Russell & Erwin Mfg. Co., New Britain, Conn.; 43 Chambers, N. Y.; 19 N 5th, Phila., Pa., & Marquette bldg, Chicago, Ill.
Sargent & Co., New Haven, Conn., & 151 Leonard, N. Y.
Wilcox, Crittenden & Co., Middletown, Conn.
YALE & TOWNE MFG. CO., Stamford, Conn.; 9 Murray, New York; Witherspoon bldg, Phila., Pa.; 131 Wabash av, Chicago, Ill.; 12 Pearl, Bosto, Mass., & San Francisco, Cal. (See adv. index, end of book)

Hardware Manufacturers

(See also Hardware, Wholesale; also Hinge Mfrs.: also Lock Mfrs.; also Door Hangers; also Door Knob Mfrs.; also Sash Balance Mfrs.: also Nail Mfrs.; also Sash Weights, also Chains, Sash, also Cutlery Mfrs., etc.)

CALIFORNIA.

SAN FRANCISCO—Falls Mfg. Co. (Hardware & Specialties), 12 Drumm
YALE & TOWNE MFG. CO., Hayward bldgl. (See adv. index, end of book)

CONNECTICUT.

BRANFORD—New York Lock Co (Locks, etc.)
BRIDGEPORT—Bridgeport Brass Co.
BRIDGEPORT CHAIN CO. (Sash Chains, etc.). (See adv. index, end of book)
Bridgeport Hardware Mfg. Corp.
Burns, Silver & Co.
Cornwall & Patterson Mfg. Co.
Smith & Egge Mfg. Co. (Pulleys, Chains, Pliers, Punches, etc.)
BRISTOL—Root, Chas. J. (Butts)
Sessions, J. H. & Son (Cast Iron)
FORESTVILLE—Andrews, C. E. (Light)
GUILFORD—Spencer's, I. S. Sons
MERIDEN—Dayton, C. L. (Organ)
Parker, Chas. Co. (Window Trimmings, etc.)
MIDDLETOWN—Babcock, Fred. (Window) Springs, etc.)
Wilcox, Crittenden & Co. (Marine, etc.)
NEW BRITAIN—Corbin Cabinet Lock Co. (Trunk)
Humanson & Beckley Mfg. Co. (Hardware & Pocket Cutlery)
Judd, O. S. (Builders & Saddlery)
Landers, Frary & Clark (Inc.), (Cutlery & Hdw. Specialties)

New Britain Hrw. Mfg. Co. (Piano & Organ)
Russell & Erwin Mfg. Co. (Builders)
Stanley Rule & Level Co. (Carpenters' Tools)
STANLEY WORKS (Wrought Steel Butts, Brackets, etc.) (See adv. index, end of book)
Union Mfg. Co. (Spring Hinges, etc.)
NEW HAVEN—Brown, R. H. & Co. (Specialties), 169 Ashman
Cowles, C. & Co. (Inc.)
Fitch, W. & E. T. Co. (Sash Locks & Saddlery)
Ives, H. B. Co. (Sash, Locks Lifts, Fasteners, etc.)
Kilborn & Bishop Co. (Forged), 81 Lloyd, New Haven, Conn.
Mallory-Wheeler Co. (Builders)
Sargent & Co. (Builders)
Scranton & Co. (Specialties), 42 Church
NORWICH—Ossawan Mills Co. (Upholsterers)
OAKVILLE—Smith, S. & Son
PLAINVILLE—Clark, A. N. & Son (Novelties)
SOUTHINGTON—Aetna Nut Co. (Hinges)
Peck, Stow & Wilcox Co.
SOUTH NORWALK—Lockwood Mfg. Co. (Builders)
Norwalk Lock Co. (Builders)
STAMFORD—Yale & Towne Mfg. Co.
TERRYVILLE—Eagle Lock Co. (Locks, etc.)
THOMASTON—Thomaston Knife Co. (Pocket)
TORRINGTON—Union Hardware Co. (Tools)
WATERBURY—American Ring Co. (Upholstery & Cabinet), 531 Bank
BENEDICT & BURNHAM MFG. CO. (Brass Butts, etc.) See adv. index, (end of lock)
Blake & Johnson (Piano & Organ & Butt Hinges, etc.)
Fry, B. H. & Co., Porter & S Leonard
Noera Mfg. Co. (Specialties), 57 N Main
Plume & Atwood Mfg. Co. (Brass Butts, etc.)
Scovill Mfg. Co. (Brass Butts, etc.), 99 Mill
Waterbury Mfg. Co. (Harness Buckles)
WATERVILLE—Berbecker & Rowland Mfg. Co. (Cabinet)
WINSTED—Empire Knife Co. (Pocket)
Morgan Silver Plate Co. (Caskets & Coffins)
Richards, T. C. Hdw. Co. (Brass & Iron Specialties)
Strong Mfg. Co. (Casket & Coffins)

GEORGIA.

ATLANTA—Wood, A. A. & Sons Co.

ILLINOIS.

ARLINGTON HEIGHTS—Barbecker, Julius & Sons Co.
Bray & Kates
AURORA—Richards & Sencenbaugh Mfg. Co.
Wilcox Mfg. Co. (Door Hangers, etc.)
CHICAGO—Bartlett, M. J. & Son, 118 Michigan
Chicago Hardware Co. (Builders, etc.), 40 Dearborn
Chicago Spring Butt Co. (Spring Butts, etc.), 491 Carroll av
Coleman Hardware Co. (Door Hangers), 59 Dearborn
Corbin, P. & F. (Builders), 104 Lake
Duffy Mfg. Co., 125 Indiana
Gardner Sash Balance Co., 164 Dearborn
Grant Pulley & Hdw. Co., 97 Clark
Haller Machine Co. 127 Fulton
Harly Burglar Proof Ventilating Sash Lock Mfg. Co., 92 Lasalle
Hodge & Homer Co., 47 W Randolph
Johnson, R. R. ("Johnson" Window Shade Adjuster), 167 Dearborn
King & Andrews Co. (Sash Weights), Chicago Heights
Lawson Mfg. Co. (Ball Bearing, Pivot Floor Hinges, etc.), 40 Dearborn
Nicol & Co. (Specialties), 57 W Washington
Orr & Lockett Hardware Co. (Builders, etc.), 71 Randolph
Payson Mfg. Co. (Door Hangers, Sash Locks, Transom Lights, etc.), 1319 W Jackson
Penn Hardware Co., 179 Lake boul
Prescott Hardware Mfg. Co. (Door Hangers), 78 Randolph
Pratt, Wm. E. Mfg. Co., 91 Lake
Reading Hardware Co. (Builders, etc.), 105 Lake
Russell & Erwin Mfg. Co. (Builders, etc.), 204 Dearborn
Schacht, E. L. Mfg. Co., 73 W Jackson
Scovill Mfg. Co., 210 Lake boul
Turner Brass Works (Specialties), Franklin c Michigan
UNION ELEVATOR & MACHINE Co. (Theatrical Stage), 144 Ontario (See adv. index, end of book)
Vaughan & Bushnell Mfg. Co., 877 Carroll av
Western Brass Mfg. Works, Inc. (Brass & Bronze), 63 S Canal
Wilson & Gilbert Co., 338 55th
YALE & TOWNE MFG. CO. (Builders, etc.), 131 Wabash av. (See adv. index, end of book)
FREEPORT—Stover Mfg. Co. (Builders, etc.), 165 River
HARVARD—Hunt, Helm, Ferris & Co. (Barn Door Hangers, Latches, etc.)
LOCKPORT—Barrows Lock Co.
MORRIS—Nickel Mfg. Co. (Specialties)
OTTAWA—American Hdw. Mfg. Co.
STERLING—Lawrence Bros. (Door & Hangers, Hinges, etc.)

INDIANA.

INDIANAPOLIS—Poindexter Mfg. Co. (Specialties
Tucker & Dorsey Mfg. Co. (Specialties), State av cor Bate
Vonnegut Hardware Co.

IOWA.

CLINTON—United States Steel Lock Co. (Builders)
OTTUMWA—Johnston & Sharp Mfg. Co. (Steel Sash Pulleys, etc.)

MAINE.

PORTLAND—Laughlin, Thos. Co.
S. PORTLAND—Marine Hdw. & Equip. Co. (Marine)
S. UNION—Jones, S. W. (Door Hinges)

MARYLAND.

BALTIMORE—Chesapeake Hdw. Mfg. Co., 109 South
Dix Mfg. Co., Hillen c Holliday
Duer, Jno. & Sons (Cabinet, etc.)
Kemp, C. M. Mfg. Co. (Sash Locks, Holders, etc.), 1501 Guilford av
Maryland Hinge Co., 608 Water
NATIONAL SUPPLY CO., THE, 5 & 7 W Lombard. (See adv. below)
Sinclair-Scott Co. (Specialties), Wells c Patapsco
Stewart, C. J. & Sons (Builders), 7 S Liberty

MASSACHUSETTS.

BOSTON—Austin & Eddy (Builders), 117 Broad
BENEDICT & BURNHAM MFG. CO. (Brass Butts), 172 High. (See adv. index, end of book)
Hall, Wm. & Co. (Asylum & Prison Locks), etc.), 4 Dock sq
Hunter, J. B. & Co. (mfrs.' agts.), 60 Sumner
Plume & Atwood Mfg. Co., 144 High
YALE & TOWNE MFG. CO. (Builders', etc.), 12 Pearl. (See adv. index, end of book)
FISKDALE—Snell Mfg. Co. (Bits, Augers, etc.)
GREENFIELD—Nichols Bros. (Cutlery)
MILLERS FALLS—Millers Falls Co.
NEEDHAM—Orr, Galen & Co. (Blind Trimmings, etc.)
SOMERVILLE—Forg, P., 50 Park
WICHENDON—New England Lock & Hinge Co. (Tin Hinges, Chest Locks, etc.)

MICHIGAN.

GRAND RAPIDS—Grand Rapids Hdw. Co., 3 Pearl
Hardware Supply Co. (Casters, Door Catches & Cabinet, etc.)

MISSOURI.

ST. LOUIS—Baitinger & Berkley, 122 N 7th
Hager, C. & Sons Hinge Mfg. Co., 2427 De Kalb
Kupferle, J. C., 2d & Mound
Miller Lock Co. (Sash Locks), 219 N 4th
Nixdorf-Krein Mfg. Co., 900 Howard
Pleuger & Henger Mfg. Co., Herbert & 11th
St. Louis Trunk Hdw. Mfg. Co. (Trunk Hdw.), 208 S 17th

NEW HAMPSHIRE.

HINSDALE—Jennings & Griffin Mfg. Co.

NEW JERSEY.

FLEMINGTON—Mallory Mfg. Co. (Shutter Worker, etc.)
NEWARK—Brabson Bros., Liberty c Hamilton

The National Supply Company

5 and 7 West Lombard St., - - BALTIMORE, MD.,

Manufacturers of

BOLTS, NUTS, WASHERS and RIVETS of Every Description.
PLUMBERS BRASS GOODS, HOSE PIPES and COUPLINGS.
BLIND HINGES, GRINDSTONE FIXTURES and SMALL HARDWARE.
FURNITURE CASTERS OF ALL KINDS.

Wrought Iron Forgings and Iron and Brass Castings a Specialty.

Felder, R. & Co., 2 Coommercial
Gould's, M. Son & Co. (Trunk), 61 Hamilton
Jenkinson, R. C. & Co. (Trunk, Bag & Sample Case), 289 Washington
Lukes, Wm., 857 S 19th
PATERSON—Myers, G. A. & Co., 63 Wash'n
TRENTON—Skillman Hdw. Mfg. Co.

NEW YORK.

BINGHAMTON—Binghamton Hardware Specialty Co. (Specialties)
Crandell, Stone & Co. (Carriage & Wagon)
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Brown, S. A. (Specialties), 385 Wash'n
Buffalo Specialty Mfg. Co., 375 Ellicott
Clark Mfg. Co. (Builders), 260 Chandler
Forsyth Mfg. Co. (Specialties)
Keim, Jno. R. (Specialties), Kensington av & Erie R R
ELMIRA—Cronk & Carrier Mfg. Co. (Specialties)
GENEVA—Geneva Cutlery Co.
HOMER—Phoenix Hardware Mfg. Co.
MANLIUS—Cheney, S. & Son (Gray Iron Specialties)

NEW YORK CITY.

Borough of Brooklyn.

BOMMER SPRING HINGES
257 to 271 Classon av. (See adv. index, end of book)

Boroughs of Manhattan & Bronx

NEW YORK—Bayer - Gardner - Himes Co. (Builders), 157 W 29th
BENEDICT & BURNHAM MFG. CO. (Brass Butts, etc.), 253 B'way. (See adv. index, page 1200)
Brass Goods Mfg. Co., 7 Warren
Chicago Spring Butt Co., 126 Chambers
Corbin, P. & F., 15 Murray
Eagle Lock Co., 105 Chambers
Gould's, M. Son & Co. (Trunk), 83 Reade.
HAMMACHER, SCHLEMMER & Co., 133 4th av. (See adv. index, end of book)
Hanson & Rhodes (Builders), 157 W 29th
Jennings, C. E. & Co. (Mechanics' Tools & Specialties), 42 Murray
Judd, H. L. Co. (Upholstery, Stationary & Fancy), 87 Chambers
Keil, Francis & Son, 163d & Brook av
McCABE HANGER MFG. CO. (Door Hangers, etc.), 425 W 25th. (See adv. index, page 1200)
Mallory-Wheeler Co., 23 Warern
Millers Falls Co., 28 Warren
Morton, Thos. (firm of) (Sash Chains, etc.), 169 Elm
Norwalk Lock Co., 23 Warren
Parker, Chas. Co. (Blind Trimmings, etc.), 32 Warren
Payson Mfg. Co. (Door Hangers, Spring Butts, Transom Lifts, etc.), 88 Chambers
Peck, Stow & Wilcox Co. (Hinges, etc.), 31 Warren
Phoenix Hardware Mfg. Co., 84 Chambers
Plume & Atwood Mfg. Co. (Butt Hinges etc.), 29 Murray
Reading Hardware Co., 96 & 98 Reade
Russell & Erwin Mfg. Co., 43 Chambers
Sargent & Co., 151 Leonard
Scovill Mfg. Co., 75 Spring
Smith & Egge Mfg. Co., 62 Reade
STANLEY WORKS, 79 Chambers. (See adv. index, end of book)
Tiebout, W. & J. (Brass & Galvanized), 118 Chambers
Union Mfg. Co., 95 Chambers
YALE & TOWNE MFG. CO., 9 Murray. (See adv. index, end of book)

(END OF NEW YORK CITY.)

POUGHKEEPSIE—Lane Bros. Co. (Door Hangers, etc.)
ROCHESTER—Caldwell Mfg. Co. (Sash Balances, etc.), 8 Jones
Pullman Mfg. Co. (Sash Balances, Door Checks & Springs)
Sargent & Greenleaf Co. (Locks)
SARANAC LAKE—Adirondack Hardware Co.
SYRACUSE—Central City Bolt Co. (Door Hangers), 1618 N Salina
Stearns, E. C. & Co. (Door Hangers, etc.). 100 Oneida
TROY—Palmer Hardware Mfg. Co. (Builders' Specialties), G. I.
WATERTOWN—Wise, Jas. B. (Specialties)

OHIO.

CADIZ—Scott, Rogers & Co. (Specialties)
CANTON—Buckeye Mfg. Co. (Specialties)
Gibbs Mfg. Co. (Specialties)
CINCINNATI—Enterprise Brass & Plating Co. (Bar Fixtures), Clark & Harriet
Schroder, J. B. & Co. (Builders, etc.), 133 E 5th
Schriver, O. P. & Co. (Specialties), 214 Elm
Tatum, S. C. Co. (Stationers), 414 W Water
CLEVELAND—Boggs, Arthur Mfg. Co., 72 Mentor av
Bronson-Walton Co., Station B.
CHISHOLM & MOORE MFG. CO., (See adv. index, end of book)
Cleveland Hardware Co., 1300 Lake
Cleveland Lock Co., c Wash'n & Hamilton
Columbia Hardware Co., Coe & Hamilton
Eberhard Mfg. Co. (Carriage & Wagon), Tennyson & C P R R
Giant Lock Co., 49 Wood
Hoffman Hinge & Foundry Co. (Specialties). cor Hubbard & Burlington
Langenau Mfg. Co., Franklin av opp Lowell
Russ, A. E. Mfg. Co., 87 Wade Park av
Taylor & Boggis Foundry Co., 521 Seneca
Topliff, I. N. Mfg. Co. (Carriage, etc.), 85 E Prospect
Van Wagoner Co.
Walworth Run Foundry Co. (Specialties). 883 Empress
COLUMBUS—Hayden, P. Sadlery Hardware Co., 134 N Scioto
Simpson Iron Co. (Specialties)
DAYTON—Dayton Supply Co. (Night Latches, Door & Sash Locks, etc.)
ELYRIA—Falcon Mfg. Co. (Specialties)
Federal Mfg. Co. (Specialties)
FREDERICKSTOWN—Foote, J. B. Foundry Co. (Specialties)
FREMONT—Herbrand Co. (Carriage & Wagon)
GENEVA—Champion Safety Lock Co. (Locks, etc.)
KENT—Miller, J. B.
PAINSVILLE—Geauga Foundry & Mfg. Co. (Specialties)
Globe Mfg. Co. (Specialties)
SHELBY—Shelby Spring Hinge Co. ("Chief" Double Acting Floor Hinge)

PENNSYLVANIA.

ALLEGHENY—McKinney Mfg. Co. (Hinges, Butts, Door Hangers)
ALLENTOWN—Kline, D. R. & Co. (Specialties)
ELDRED—Platt's, C. Sons Cutlery Co. (Cutlery)
ERIE—Erie Specialty Co. (Ice Picks, Cork Screws, Coork, Pullers, etc.)
Griffin Mfg. Co. (Strap & T Hinges, Brackets, Door Bolts)
FREEMANSBURG—Shimer, Wm. Son & Co.
FULLERTON—Dent Hardware Co. (Refrigerator Trimmings)
GIRARD—Ely, Thos. J. Mfg. Co. (Specialties)
GLEN ROCK—Glen Rock Stamping Co. (Specialties)
LANCASTER—Slaymaker, S. R. (Builders, Car & Ship)
LEONA—Ely, E. C. Co. (Specialties)
MEYERSDALE—Meyersdale Mfg. Co. (Locks, etc.)
PHILADELPHIA—Brohard Co., 1624 N 9th (Doorholders, etc.)
Brown, E. E. & Co. (Sash Weights, etc.). McKean & Meadow
Corbin Cabinet Lock Co., 925 Market
Corbin, P. & F., 925 Market
Devlin, Thos. Mfg. Co. (Carriage, Saddlery, Trunk Tinners, Builders, etc.), 3d & Lehigh av
Enterprise Mfg. Co. (of Pa.) (Specialties). 3d & Dauphin
Hoag, R. C. & Co. (Builders, etc.). 11th & Catharine
Miller Lock Co. (Locks), 4523 Tacony, Fkd.
Nock, Geo. W. (Locks), 126 N 4th
North Bros. Mfg. Co. (Screw Drivers & Specialties), Lehigh av & N American
Reading Hardware Co., 617 Market
Russel & Erwin Mfg. Co., 19 N 5th
Smith, J. Barton Co. (Screw Drivers, Ice Picks, etc.), Norris & Hope
Wolf, W. & L. (Locks), 110 S 8th
Yale & Towne Mfg. Co., Witherspoon bldg
PITTSBURG—Steiner & Voegtly, 310 Wood
Woodwell, Jos. Co., 201 Wood
READING—Chantrell Tool Co. (Builders' Shelf)
Penn Hardware Co. (Builders, etc.)
Reading Hardware Co. (Builders, etc.)
WRIGHTSVILLE—Wrightsville Hardware Co. (Builders & Specialties)

TENNESSEE.

CHATTANOOGA—American Mfg. Co. (Light)
McGregor, J. F. & Co. (Specialties)

VERMONT.

WINDSOR—Hubbard & McClary (Specialties, Hangers), 775 18th

WISCONSIN.

MENASHA—Little, O. C. Pulley Coating Co. (Door Catchers, Window Fasteners, etc.), Menasha, Wis.
MILWAUKEE—Luitink & Sons Mfg. Co. (Door Hangers), 775 18th
RACINE—Racine Malleable & Wrought Iron Co. (Saddlery)
SOUTH MILWAUKEE—**STOWELL MFG.** & Foundry Co. (Door Hangers). (See adv. index, end of book)

Hardware Mfrs. (Awning)

Baker, Jas. H., Park bldg, Pitsburg, Pa. Works, Tarentum, Pa.
Snow, L. T., 698 Chapel, New Haven, Conn.
Wilcox, Crittenden & Co., Middletown, Conn.

Hardware Mfrs. (Cabinet)

American Ring Co., Waterbury, Conn.
Berbecker, Julius & Sons Co., Arlington Heights, Ill.
Berbecker & Rowland Mfg. Co., Waterville, Conn.

BOMMER SPRING HINGES
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Burns, Silver & Co., Bridgeport, Conn.
Coleman Hardware Co., 59 Dearborn, Chicago, Ill.
Corbin Cabinet Lock Co., New Britain, Conn.
Duer, Jno. & Sons, Baltimore, Md.
Foster, Merriam & Co. (Casters, Pulls, Knobs, Escutcheons, etc.), Meriden, Conn.
HAMMACHER, SCHLEMMER & CO., 133 4th av, N. Y. (See adv. index, end of book)
Hardware Supply Co., Grand Rapids, Mich.
National Brass Mfg. Co., Cincinnati, O.
NATIONAL SUPPLY CO., 7 W Lombard, Baltimore, Md. (See adv. index, end of book)
Orr & Lockett Hardware Co., 71 Randolph, Chicago, Ill.
Reading Hardware Co., Reading, Pa., 96 Reade, N. Y.; 617 Market, Phila., Pa., & 105 Lake, Chicago, Ill.
Sloan, Frank B. & Co., 10 S Charles, Baltimore, Md.
Turner & Seymour Mfg. Co., Torrington, Conn.

Hardware Mfrs. (Car)

BOMMER SPRING HINGES
adv. index, end of book)

Creamer, W. G. & Co., 96 John, N. Y.
Slaymaker, S. R., Lancaster, Pa.

Hardware Mfrs. (Carriage)

Atwood Mfg. Co., Southington, Conn.
Beckley-Balston Co. (Carriage & Automobile), 178 Lake, Chicago
Blakeslee Forging Co., Plantsville, Conn.
Cortland Specialty Co., Cortland, N. Y.
Clapp, E. D. Mfg. Co., Auburn, N. Y.
Cleveland Hardware Co., Cleveland, O.
Cowles, C. & Co., New Haven, Conn.
Crandell, Stone & Co., Binghamton, N. Y.
Crane, W. T. Carriage Hardware Co. (Iron, Steel, Wheels, etc.), Newark, N. J.
Dayton Malleable Iron Co., Dayton, O.
Devlin, Thos. Mfg. Co., 3d & Lehigh av, Phila., Pa.
Eberhard Mfg. Co., Cleveland, O.
Eccles, Richard Co. (also Drop Forgings), Auburn. N. Y.
English & Mersick Co., New Haven, Conn.
Fernold Mfg. Co. (Quick Shifts, Anti-Rattlers, Whip Sockets, etc.), North East, Pa.
Harper, Walter J., Newark, N. J.
Herbrand Co., Fremont, O.
Hesse, W. G. & Son Mfg. Co. (Wagon), Leavenworth, Kans.
Higgin Mfg. Co., Newport, Ky.
Hutton, G. H. & Co., Harford & Central av, Baltimore, Md.
Keystone Drop Forge Works (Drop Forge), Chester, Pa.
Lanman, E. B. Co. (Corner Irons, Clip Ties, Felloe Plates, etc.), Columbus, O.
Moore, Franklin Co., Winsted, Conn.
Nelson & Call Co., Cortland, N. Y.
Ochsner, A. & Son (Coach & Carriage Lamps), New Haven, Conn.
Pratt & Letchworth Co., Buffalo, N. Y.
Queen City Forging Co., cor Tennyson & Dumont, Cincinnati, O.
Racine Malleable & Wrought Iron Co. (Wagon), Racine, Wis.
Schroder, J. B. & Co., 133 E 5th, Cincinnati, O.
Seward, Moses & Son Co. (Carriage), New Haven, Conn.
Smith, H. D. & Co., Plantsville, Conn.
STOWELL MFG. & FOUNDRY CO. (Wagon, Malleable, etc.), So Milwaukee, Wis. (See adv. index, end of book)
Strieby & Foote Co. (Drop Forgings, etc.), Newark, N. J.
Topliff & Ely Co., Elyria, O.
Topliin, I. N. Mfg. Co., Cleveland, O.
White Mfg. Co., Bridgeport, Conn.
Wilcox, D. Mfg. Co., Mechanicsburg, Pa.
Woodruff, Walter W. & Sons Co. (Carriage Mountings, etc.), Mt Carmel, Conn.

Hardware Mfrs. (Casket)

Morgan Silver Plate Co. (and Funeral Supplies), Winsted, Conn.
New Britain Hardware Mfg. Co., New Britain, Conn.

Hardware Mfrs. (Marine)

Adams & Westlake Co. (Ship), 2042 N 10th, Phila., Pa., & 26 Cortlandt, N. Y.
CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
Carpenter, Geo. B. & Co., 202 S Water, Chicago
Coleman, Walter & Sons, Providence, R. I.
Detroit Shipbuilding Co. (Brass Department), Detroit, Mich.
Laughlin, Thos. Co., Portland, Me.
Marine Hdw. Co. (Yacht), Peabody, Mass.
Marine Hdw. & Equip. Co., South Portland, Me.
Mousley, Chas. & Sons (Brass, Bronze, etc.). 456 N 12th, Phila., Pa.
Slaymaker, S. R. (Also Ship), Lancaster, Pa.
Wilcox, Crittenden & Co., Middletown, Conn.

Hardware Mfrs. (Piano & Organ)

Cornwall & Patterson, Bridgeport, Conn.
Davenport & Tracey Piano Co., Stamford, Conn., & 1907 Park av, N. Y.
New Britain Hdw. Mfg. Co., New Britain, Conn.

Hardware Mfrs. (Saddlery)

Baldwin, Jos. & Co., Newark, N. J.
Brabson Bros., Newark, N. J.
Buerman, August (Bits, Spurs, Stirrups, etc.), 37 N. J. R. R. av, Newark, N. J.
Canton Malleable Iron Co., Canton, O.
Chapman, W. H. Co., Middletown, Conn.
Cooper, H. W., Moline, Ill.
Covert Mfg. Co., Watervleit, N. Y.
Devlin, Thos. Mfg. Co., 3d & Lehigh av, Phila., Pa.
Duranoid Mfg. Co. (Duranoid Specialties), Newark, N. J.
Eberhard Mfg. Co., Cleveland, O.
Elbei Co., Canton, O.
Fitch, W. & E. T. Co., New Haven, Conn.
Frazer & Jones Co., Syracuse, N. Y.
Freeman, A. W., 67 R. R. av, Newark, N. J.
Griiiey Co., New Haven, Conn.
Grossner, Fred, 392 Bank, Newark, N. J.
Hayden, P. Saddlery Hardware Co., Columbus, O.
Hills, Edwin (Harness, etc.), Plainville, Conn.
Judd, Oliver S., New Britain, Conn.
Kienzle, W. F., 90 Ohio, Chicago, Ill.
Klufkee, Jno. (Est. of) (Harness Mountings, etc.), 628 Race, Phila., Pa.
Maxwell Co., Rome, N. Y.
Nashua Saddlery Hdw. Co., Nashua, N. H.
North, O. B. & Co., New Haven, Conn.
North & Judd Mfg. Co. ("Anchor" Brand, Saddlery, Blanket, etc.), New Britain, Conn.
Ohio Brass Co., Mansfield, O.
Racine Malleable & Wrought Iron Co., Racine, Wis.
Whitehouse, Edw. A. (Specialty Silver Trimmings), Newark, N. J.
Williamsport Staple Co. (Harness Specialties), Williamsport, Pa.

Hardware Specialties

BOMMER SPRING HINGES

257 to 271 Classon av., Brookiyn, N. Y. (See adv. index, end of book,
Columbian Hardware Co., Coe & Hamilton, Cleveland, O.; 27 Lake, Chicago, Iii., & 14 Warren, N. Y.
DE HAVEN MFG. CO. (Box Bands & & Straps), 50 Columbia Hts, Brooklyn, N. Y. (See adv. index, end of book)

Hardware Trimmings (Porcelain)

(See Porcelain Specialties, Electrical, Mechanical, etc.)

Hardware (Wholesale)

The firms under this classification are Wholesalers and firms who do a local Jobbing & Retail trade.

(See also Iron, Steel & Heavy Hardware.)

ALABAMA.

ANNISTON—Anniston Hardware Co.
BIRMINGHAM—May & Thomas Hardware Co.
Mayberry Hardware Co.
Moore & Handley Hardware Co.
Proweli Hardware Co.
GREENVILLE—**JOHNSON, J. F. HDW.** Co.
EUFAULA—Ross, J. L.
EVERGREEN—Wild-Jackson-Beaven Hdw. Co.
GADSDEN—Paden-Ewing Hdw. Co.
Smith-Echois-Burnett Hdw. Co.
HUNTSVILLE—Coiiins, M. A.
McAnelly, J. H. & Bro.
MOBILE—Barney-Cavanagh Hardware Co.
Cunningham Hdw. Co., 6 S Commerce
Price, H. M., 20 S Water
Stikes Hardware Co.
MONTGOMERY—Barnett, G. W. & Son
Snow-Tullis Hdw. Co.
Teague & Sons
OXFORD—Burton & Co.
ROANOKE—Griffien & Satterwhite
SELMA—Carothers & Rogers (Inc.)
Schuster, Benj. J.
TROY—Coleman & White
TUSCALOOSA—Allen & Jemison Co.
Snow, J. Hdw. Co.

ALASKA.

JUNEAU—Jorgensen, J. P.
Young, C. W.

ARIZONA.

NOGALES—Proto Bros.
Roy & Titcomb (Heavy, etc.)
PHOENIX—Talbot & Hubbard
Thayer, Ezra W.
PRESCOTT—Hiil, Samuel
SAFFORD—Olney, Geo. A.
TUCSON—Corbett, W. J.
Tucson Hardware Co.
Zeckendorf, L. & Co.

ARKANSAS.

CAMDEN—Brown & Bro.
EL DORADO—Garrison & Alphin Hdw. Co.
FORT SMITH—Atkinson-Williams Hdw. Co.
Ayers & Co.
Speer Hdw. Co.
Webber-Ayers Hdw. Co.
HARRISON—Lopp, A. J. & Co.
HELENA—Tappan, J. A. Hdw. Co.
HOT SPRINGS—Whittington, Stearns & Co.
Williams, Hamp.
LITTLE ROCK—Dickinson, W. W. Hdw. Co.
Fones Bros. Hdw. Co.
Mast, J. W. (Carriage & Wagon Materials)
MAGNOLIA—**DAVIS & WARNOCK**
PINE BLUFF—Fox Bros. Hdw. Co.
Thompson, R. S. & Son
TEXARKANA—Chatfield & Buhrman
Hoffman Hdw. Co.
Texarkana Hdw. Co.

CALIFORNIA.

LOS ANGELES—Baker & Hamilton, 134 N Los Angeles
California Hdw. Co., 109 N Main
Cass-Demarel Hdw. Co.
Cass & Smurr Stove Co.
Davenport, L. M. & Co., 616 N Main
Ducommun, C., 300 N. Main
Harper & Reynolds Co., 150 N Main
Hayden & Lewis Co. (Saddlery), 225 N Los Angeles
Hoffman Hdw. Co.
Holbrook, Merrill & Stetson, 675 San Fernando
Montague, W. W. & Co. (Stoves, Tinware, etc.)
Union Hardware & Metal Co., 214 N Los Angeles
Wigmore, John & Sons Co. (Heavy), 117 S Los Angeles
MARYSVILLE—White, Cooley & Cutts
MODESTA—Turner Hdw. Co.
Wood, W. E. & Son
PASADENA—Stevens Hdw. Co.
PETALUMA—Schluckebier Hdw. Co.
READING—McCormick-Saeltzer Co.
SACRAMENTO—Baker & Hamiiton, 115 J
Hoibrook, Merrili & Stetson, 221 J
Schaw, Batcher & Co., 219 J
Thomson-Diggs Co.
Waterhouse & Lester
SAN DIEGO—Hawley Hardware Co.
Ingle, Samuel G.
SAN FRANCISCO—Arnold Hdw. Co., 23 Davis
Baker & Hamilton, Davis & Pine
Caire, Justinian Co., 565 Market
De La Montanya J. Co. (Stoves, Tinware, etc.), 214 Jackson
Dunham, Carrigan & Hayden Co. (Importers), 17 Beale
Hawley Bros. Hardware Co., 202 Caiifornia
Hoibrook, Merriil & Stetson, 221 Market
Joost Bros., 1438 Mission
Lloyd-Scovel Iron Co., 159 Fremont
McCormick-Saeitzer Co.
Maydwell, Chas. A., 519 Mission
Montague, W. W. & Co. (Stoves, Tinware, etc.), 309 Market
Pacific Hardware & Steel Co., Fremont & Mission
Palace Hardware Co., 603 Market
Paxton Hdw. Co., 318 Water
Penn Hdw. Co., 461 Mission
Pierce, Chas. L., 23 Davis
Pike, A. W. & Co., 461 Mission
Robinson, E. J. & Co., 64 2d
Schaw-Batcher Co., 539 Mission
Seliers Bros. & Co. (Stoves, Tinware, etc.), 405 Market
Snook, Jas. & Co., 247 Davis
Tay, Geo. H. Co., 49 1st
Tayler & Spotswood Co. (Carriage, etc.), 133 Fremont

Unna, Harry Co. (Tin & Enameled Ware, etc.), 113 Battery
Van Winkle, I. S. & Co., 415 Market
Wright Hardware Co., 66 3d
Wright, T. Wesley & Co., 83 Montgomery
Yale & Towne Mfg. Co., Hayward bldg
SAN JOSE—Montague, W. W. & Co. (Stoves, Tinware, etc.)
Stock, Jno. Sons
STOCKTON—Austin Bros.
Goodell, F. E. & Co.

COLORADO.

ASPEN—Morrell Hardware Co.
COLORADO SPRINGS—Barnes, G. S. & Son (Est. of)
Lowell-Meservey Hdw. Co.
DENVER—Denver Stove & Malleable Iron Co., 1174 S 12th
Ellis, Frank A. & Son, 1716 Larimer
Moore Hdw. & Iron Co. (also Iron, Steel & Wagon Stock), 1533 15th
Rowntree, Jno. T., Continental bldg
Tritch, Geo. Hdw. Co., 1654 Arapahoe
LEADVILLE—Leadville Hardware Co.
Tomkins, H. H. Hdw. Co.
OURAY—**ARPS BROS. HDW. CO.**
PUEBLO—Holmes Hardware Co.
Killin, Jno. M. & Co.
RICO—Rico Hardware Co.
TELLURIDE—Tomkins, Hunt Hdw. Co. (Inc.)
TRINIDAD—Branson & Griswold Hdw. Co.
Brown, H. B. Hardware Co.
VICTOR—Donnelley, W. J.
Tomkins Hdw. & Supply Co.

CONNECTICUT.

BRIDGEPORT—Hawley, C. W., 1103 Main
Hawley, T. & Co., 549 Water
Lyon & Grumman, 1023 Main
Plumb Hdw. Co., 1108 Main
DANBURY—Danbury Hdw. Co.
Hull Bros. & Co.
DERBY—Hallock, F. Co.
HARTFORD—Clapp & Treat, 64 State
Francis & Co.
Tracy, Robinson & Willilams Co.
Way Hardware Co., 866 Main
MERIDEN—Church & Morse
NEW BRITAIN—Abbe, A. H. & W. E.
NEW HAVEN—Bassett, J. E. & Co., 754 Chapel
Bronson & Townsend Co. (Agl. Implements & Woodenware)
Bushnell, N. T. Co., 712 Chapel
Mersick, C. S. & Co., 292 State
NEW LONDON—Dudley Samuel (Carriage Goods)
Williams, G. M. Co. (Inc.)
NORWICH—Eaton, Chase & Co., 5 Commerce
Preston Bros.
TORRINGTON—Turner & Seymour Mfg. Co. (Upholsterers)
WATERBURY—Bolan, P. J., 90 Bank
Waterbury Hardware Co., 205 Bank
WINSTED—Carroll, Jos. L.

DELAWARE.

WILMINGTON—Capelle Hdw. Co., 212 Market
Delaware Hardware Co. (also Carriage & Blacksmith Supplies), 2d & Shipley

DISTRICT OF COLUMBIA.

WASHINGTON—Adler, M. J., 3148 M N. W.
Barber & Ross, 618 11th, N. W.
Espey, Jno. B., 1010 Pa. av, N. W.
Hartig, Louis, 1001 7th, N. W.
Kendall, J. Blake (Coach Findings, Metals, etc.), 485 Mo. av, N W
Lambie, Jas. B. Co., 1415 N. Y. av, N. W.
May, F. P. & Co., 634 Pa. av, N W
Rudolph, West & Co., 1332 N Y av, N. W.

FLORIDA.

APALACHICOLA—Ruge, Herman & Sons
BRAIDENTOWN—Manatee Hdw. Co.
GAINESVILLE—Baird Hdw. Co.
Thomas, S. J.
JACKSONVILLE—Florida Hardware Co. (Inc.)
Hubbard, S. B. Co. (Inc.)
OCALA—Delouest, A. E.
Hubbard & MacDuff
Master, H. B.
PALATKA—Griffin, Martin & Co.
Kennerly Hdw. Co.
PALMETTO—Palmetto Hdw. Co.
PENSACOLA—Avery, A. M.
Hawkins & Co.
ST. AUGUSTINE—**HAMBLEN, C. F.**
SANFORD—Fernald, Geo. H. & Co.
TAMPA—Knight & Wall Co. Inc.
Tampa Hdw. Co.

GEORGIA.

ALBANY—Bell, Wm. & Son
AMERICUS—Sheffield-Huntington Co. Inc.
ATHENS—Athens Hardware Co. Inc.
Bailey, Geo. A. Supply Co.
Fleming, Thos. & Sons Inc.
Talmage Hardware Co.
ATLANTA—Alexander, J. M. & Co., 26 S Pryor
Anderson Hardware Co., 33 Peachtree
Beck & Gregg, 66 Marietta
Dinkins & Davidson, 16 Central av
Hightower & Graves, 90 Whitehall
Hightower & Kirkpatrick, 86 Whitehall
King Hdw. Co., 53 Peachtree
Stone, F. I. & Co., Century bldg
AUGUSTA—Deveney, Hood & Co.
COLUMBUS—Bush Hdw. Co.
Polk, Harris
DALTON—Bishop, Gray & Co.
EATONTON—Hearn & Greene
FITZGERALD—Watt-Harley-Holmes Co.
DALTON—Gray, Baker & Co.
GAINESVILLE—Davidson, S. W. & Co.
Palmour Hardware Co.
HAWKINSVILLE—Whitfield Hardware Co.
McRAE—Folsom & Tillman
MACON—Dunlap Hardware Co.
Merritt Hardware Co.
MONROE—Felker, J. H.
ROME—Griffin Hardware Co. Inc.
Rome Hardware Co. Inc.
Therone, Nixon & Co.
SAVANNAH—Beck & Gregg Hdw. Co.
Conklin Tin Plate & Metal Co., 528 River W
Cornwell & Chipman, 108 Congress W
King, Hdw. Co., 624 River
Lovell's, Edw., Sons, 113 Houghton
Palmer Hdw. Co., 13 N Jefferson
Peeples, W. H. & Son, 125 Congress W
Semmes Hdw. Co., 302 Williamson
Weed, J. D. & Co., 217 Broughton, W
VALDOSTA—Briggs, W. H. Hdw. Co.
Thomas & Roberts Hdw. Co.
WAYCROSS—Watt-Harley Hdw. Co.
WINDER—Woodruff Hdw. Co.

IDAHO.

BOISE—Boise Hdw. Co.
Coffin-Clinton Hdw. Co.
Fletcher-Steen Co.
Loree & Swain Hdw. Co.
CALDWELL—Egleston, T. C. & Co.
LEWISTON—Vollmer, Jno. P. Co.
WALLACE—Coeur d'Alene Hardware Co.

ILLINOIS.

BLOOMINGTON—Harber Bros. Co. (Heavy)
Holder-Athey Hdw. Co.
Read, G. H. & Bro.
CAIRO—Woodward Hdw. Co.
CHICAGO—Bettman, P. H. (Mfrs. Agt.), 12 State
Brittan, Arthur & Co., 154 Lake
Bullard & Gormley Co., 78 Randolph
Collins, J. J. & Co., 219 Kenzie
Hibbard, Spencer, Bartleltt & Co., State Street Bridge
Hodge & Homer Co., 47 W Randolph
Hunt's, Edwin Sons, 180 Lake
Kelley, Maus & Co., 184 Lake
Martin, A. Vere, 40 Dearborn
Orr & Lockett Hardware Co., 71 Randolph
Picket, Wm. Son & Co., 54 Lake
Prescott Hdw. Mfg. Co., 80 Randolph
Rendtorff, Jno. C., 154 North av
Russell & Edwin Mfg. Co., 22 Lake
Trout, Geo. & Co., 168 Lake
Wells & Nellegar Co., 76 Lake
Wherry, B. A. & Co., 183 Lake
DANVILLE—Yeomans & Shedd Hdw. Co.
DECATUR—Moorehouse & Wells
ELGIN—Barclay, D. F.
Hawthorne Hdw. Co.
FREEPORT—Freeport Hardare Co. w
GALESBURG—Babcock Hardware Co.
Hughell Hdw. & Iron Co.
JOLIET—Barrett Hdw. Co.
MENDOTA—Holland & Co.
MT. CARROLL—Campbell, Saml. J.
OTTAWA—Poundstone-Refior Hdw. Co.
PEKIN—Velde, Roelfs & Co.
PEORIA—Bittel, William, 219 & 221 S Wash'n
Clark, Quien & Morse, 404 S Adams
Cummings & Emerson
Hunter & Strehlow, 114 S Adams
Meyer, F. & Bro. Co., 1313 S Adams
Sandmeyer, H. & Co., 215 S Adams
Walker, Isaac Hdw. Co., 220 S Adams
PLANO—Sears, Albert H. & Co.
QUINCY—Comstock-Castle Stove Co.
Cottrell Hdw. Co.
Tenk Hardware Co.
ROCK ISLAND—Stewart, J. W.
SPRINGFIELD—Miller, W. B. & Son
STREATOR—Powers & Williams

INDIAN TERRITORY.

CHICKASHA—Gelkey-Jarbot Hdw. Co.
MUSKOGEE—Maddin Hdw. Co.
Turner Hdw. Co.
VINITA—Frazee Hardware & Furniture Co. (Inc.)

INDIANA.

BLUFFTON—Williamson Hdw. Co.
COLUMBUS—Schwartzkopf, J. G. & Son
EVANSVILLE—Boetticher-Kellogg Co.
Clifford Hdw. Co.
Straub, F. P. & Co.
Thiele, I. A.
FT. WAYNE—Coombs, D. H. (Heavy)
Mossman, Yarnelle & Co. (Heavy)
Pfeiffer, Henry & Son
Schlatter, C. C. & Co.
Seavey Hardware Co.
FRANKFORT—Dinwiddie & Gaddis
GOSHEN—Goshen Buggy Co.
Hawks Hdw. Co.
HUNTINGTON—Reichenbach & Wilkenhiser
INDIANAPOLIS—Francke Hdw. Co., 45 S Meridian
Holliday, W. J. & Co. (Heavy), 107 S Meridian
Indianapolis Hardware Co., 35 S Meridian
Layman-Carey Co., 115 S Meridian
Lilly & Stalnaker, 114 E Washington
Van Camp Hardware & Iron Co., 126 S Illinois
Vonnegut Hdw. Co., 120 E Wash'n
KOKOMO—Armstrong, Landon Co.
LAFAYETTE—Howe & Shipley
Johnson-Barnes Hardware Co.
Westfall-Moore Hdw. Co.
LOGANSPORT—Rice, E. S. & Son
Ullery, S. W. & Son
LOOGOOTEE—Carnaham, M. J. & Co.
MARION—Marion Hdw. Co.
Oder Hdw. Co.
Price & Co.
MICHIGAN CITY—Staiger Hdw. Co.
NEW ALBANY—Loughmiller, Wm. A.
Stoy, Peter R. & Sons
NORTH VERNON—Tripp Bros.
PETERSBURG—Read & Snyder
Shawhan, Boonshot & Co.
PLYMOUTH—Buck, H. E.
RICHMOND—Jones Hardware Co.
Pogue, Miller & Co., 194 Ft. Wayne
SOUTH BEND—Sibley, I. A.
TERRE HAUTE—Austin, A. G. & Co., 608 Wabash av
Hulman & Co., 900 Wabash av
Smith, C. C., Sons Co., 303 Wabash av
Townley Stove Co. (House Furnishings, etc.)
WASHINGTON—Carnaham, M. J. & Co.

IOWA.

BURLINGTON—Donahue, Robert Iron & Hdw. Co.
Drake Hardware Co.
Schmidt, Chas. F.
CEDAR RAPIDS—Adams, A. L.
Larimer, E. K.
Norris & Loring Hardware Co.
CLINTON—Armstrong, C. E. & Co.
Baldwin Bros. (Heavy)

COUNCIL BLUFFS—De Voel Hdw. Co.
Empkie-Shugart-Hill Co.
DAVENPORT—Rascher, Schricker & Rascher Hdw. Co.
Reynolds, S. M. & Co.
Sickles, Preston & Nutting Co.
Sleg Iron Co. (Heavy)
DES MOINES—Brown-Hurley Hardware Co.
Des Moines Iron Co.
Luthe Hardware Co.
DUBUQUE—Duggan, Sullivan & Cots
Ernsdorff, John & Sons Co. (Inc.)
Schrleber & Conchar Mfg. Co.
TREDWAY, A. & SONS HARDWARE CO.
FT. DODGE—Prusia Hdw. Co.
Vincent, H. S.
KEOKUK—Weber, A. Co.
LAKE MILLS—Styve & Son
MARSHALLTOWN—Abbott & Son
OSKALOOSA—Gilchrist, M. D. & Co.
Huber & Kalbach Co.
OTTUMWA—Harper & McIntire Co.
Haw, Geo. & Co.
SIOUX CITY—Baker Hdw. Co.
Knapp & Spencer Co.
Sioux City Iron Co.
WATERLOO—Cutler Hardware Co.

KANSAS.

ATCHISON—Blish, Mize & Silliman Hdw. Co.
Harwi, A. J. Hardware Co.
FORT SCOTT—Penneman, A. C. & Son
KANSAS CITY—Bartlett, F. W.
LEAVENWORTH—Crancer, J. W. Hardware Co.
PARSONS—STEELE HARDWARE & IMPLEMENT CO.
SALINA—Lee Hdw. Co.
Schwartz, J. N. & Co.
TOPEKA—Culver & Bailey
Forbes, D. H.
Thompson, W. A. L. Hdw. Co.
WICHITA—Hockaday Hdw. Co.

KENTUCKY.

ASHLAND—Henderson Thos. & Son
CATTLETSBURG—Mims, A. Co.
Williamson, B. & Co.
COVINGTON—Mersman, J. H., Sr., & Co.
HAZLE GREEN—Day, J. T.
HENDERSON—BLACKWELL, P. A. & CO.
Norris & Lockett
HOPKINSVILLE—Forbes & Bro.
LEXINGTON—Houlihan, W. J. & Bro.
Smith, Watkins & Co.
Van Deren Hdw. Co.
LOUISVILLE—Belknap Hardware & Mfg. Co.
Fulton, Conway & Co., 827 W Main
Robinson Bros. & Co., 609 W Main
Stone, I. F. & Sons Co. (Saddlery & Heavy), 110 E Main
Stratton & Terstegge, 728 W Main
Sutcliffe & Co., 328 W Main
Todd-Donigan Iron Co., 817 W Main
MAYSVILLE—Owens, Frank Hardware Co.
MIDDLESBORO—Atkinson Hardware Co.
NEWPORT—Fischer Bros.
OWENSBORO—Guenther, W. A. & Sons
PADUCAH—Hank Bros.
Hart, G. O. & Son
Scott Hardware Co.

LOUISIANA.

ALEXANDRIA—Roberts Bros.
BATON ROUGE—Doherty Hdw. Co.
Fuqua Hdw. Co.
Garig Hdw. Co.
MONROE—MONROE HDW. CO.
NEW ORLEANS—Baldwin, A. & Co., Camp & Common
Capewell Horse Nail Co., 736 Union
Lagan, M. D., 108 Common
Stauffer, Eshleman & Co., 511 Canal
Woodward, Wight & Co. (Ltd.), 406 Canal
RUSTON—Ruston Hdw. & Supply Co.
SHREVEPORT—Lee Hardware Co.
Pleasants, W. A. Hardware Co.
Vordenbaumen & Eastman

MAINE.

AUGUSTA—Brooks Hdw. Co.
Ward, A. D.
BANGOR—Dickey, Wm. P. & Co., 46 Broad
Haynes & Chalmers Co., 190 Exchange
Rice & Miller, 28 Broad
BATH—Johnson Bros.
EASTPORT—Wadsworth, S. L. & Son
LEWISTON—Hall & Knight Hardware Co.
PORTLAND—Bailey, Jas. Co., 264 Middle
Bradstreet, L. W.
Edwards & Walker Co., 6 Moonument sq
Emery-Waterhouse Co., 143 Middle
King & Dexter Co., 11 Monument sq
Perkins, N. M. & Co., 8 Free
Talbot, Brooks & Ayer
ROCKLAND—Crie, H. H. & Co.
SEARSPORT—Sawyer, C. O. & Co.

MARYLAND.

BALTIMORE—Albert, Francis & Co., 3 N Howard
Anderson & Ireland Co., 44 E Pratt
Brown, Jno. & Sons, 722 E Pratt
Carlin & Fulton, 309 W German
Cole, W. H. & Sons, 13 S Charles
Duer, Jno. & Sons (Cabinet), 28 S Charles
Findlay, Roberts & Co., 25 Hopkins pl
Gorsuch, R. H. & Co., 228 N Gay
Hardware Supply Co., 326 N Gay
Keidel, Henry & Co., 405 W German
Keppish, H. M., 42 S Charles
Payne, E. Scott & Co., 362 N Gay
Schaefer Hardware Co., 319 W Pratt
Sloan, Frank B. & Co. (Cabinet), 10 S Charles
Wier & Wilson (Mfrs. Agts.), 25 S Charles
Wilcox Hardware & Iron Co., 406 N Gay
CUMBERLAND—Potomac Hardware Co.
Wilson & Pugh
FREDERICK—Hargett, P. L. & Co.
SALISBURY—Dorman & Smyth Hdw. Co.
Gunby, L. W. & Co.

MASSACHUSETTS.

BOSTON—Allen & Lotts, 169 Summer
Austin & Eddy, 117 Broad
Baldwin, Robbins & Co., 97 Pearl
Bay State Hardware Co., 1321 Wash'n
Bigelow & Dowse Co., 229 Franklin
Bolles & Wilde Co. (mfrs agts), 93 Pearl
Burditt & Williams Co., 20 Dock sq
Butts & Ordway Co., 190 High
Chandler & Barber, 124 Summer
Chandler & Farquhar, 36 Federal
Chase, Parker & Co., 83 Pearl
Dame, Stoddard & Co. (Cutlery, etc.), 374 Wash'n
Dana Hdw. Co., 28 Pearl
Darling, H. M. & Co., 632 Wash
Dodge, Haley & Co., 218 High
Eldridge & Winnek, 128 Pearl
Evans, McEvoy & Co. (Builders), 41 Wash'n
Frye, Phipps & Co., 23 Pearl
Hardware Agency Co., 36 Pearl
Saunders, Geo. S. & Co., 155 Wash'n
Warren, M. C. & Co., 9 Dock sq
Wilkinson, A. J. & Co., 180 Wash'n
FALL RIVER—Callahan & Daley Co., 125 S Main
Congdon, Carpenter & Co., 58 4th
Neill, Joseph O., 130 Bedford
Pearse, W. G. & Co., 129 2d
FITCHBURG—Cummings, E. N. & Co., 350 Main
Damon & Gould Co., 135 Main
Lawrence, Sons & Co., 40 Main
HOLYOKE—Russell, G. E. & Co., 245 High
Russell, J. & Co., 23 Dwight
LAWRENCE—Austin, M. E. & Co.
Treat Hardware & Supply Co., 584 Essex
LOWELL—Adams Hardware & Paint Co., 414 Middlesex
Bartlett & Dow, 216 Central
Shattuck, Horace B. & Son, 50 Central
Thompson Hardware Co., 252 Merrimack
LYNN—Brockway-Smith Corp., 61 Monroe
Gardner, T. J. & Co., 155 Market
Hutchinson, W. Henry, 49 Munroe
Ready, T. J. & Co., 155 Market
MIDDLEBORO—Pierce, Thos. W.
NORTH ADAMS—Burlingame & Darby's Co.
NORTH ATTLEBORO—Hall, Wm. M.
PALMER—Buck & Co.
PITTSFIELD—Berkshire Hardware Co.
PLYMOUTH—Bailey, H. P. & Bro.
SOMERVILLE—Whitney & Snow
SPRINGFIELD—Foot, Homer & Co., Main c State
Graves, Geo. A. & Sons, 324 Main
Law, J. Douglas, 260 Main
Lewis, Charles C. Co. (Carriage & Heavy), 30 Lyman
TAUNTON—Childs, H. W., Crocker bldg
Pierce Hdw. Co., 8 Union blk
WORCESTER—Blake, Geo. F., Jr., & Co., Foster & Mechanic
Conant, H. J., 556 Main
Duncan & Goodell Co., 404 Main
Ross Bros., 92 Front
Waite, H. M., 189 Front

MICHIGAN.

ALPENA—Potter Bros.
BAY CITY—Bay City Hdw. Co.
Bialy, R. C.
Jennison Hardware Co.
CALUMET—Carlton Hardware Co.
Jellico Hardware Co.
CHEYBOYGAN—De Gowin Bros.
Post, J. J. & Co.
DETROIT—Buhl Sons & Co., 111 Woodbridge, W
Fletcher Hardware Co., 61 Woodbridge, W
Freeman, Delamater & Co., 8 Woodward av
Rayl, T. B. & Co., 112 Woodward av
Roehm & Davison (Heavy & Carriage), c Woodbridge & Wayne
Scherer, H. & Co. (Carriage), 280 Jefferson av
Standart Bros. (Ltd.), 155 Woodbridge
Strelinger, Chas. A. Co., 96 Bates
Weber, Henry C. & Co., 10 Gratiot av
ESCANABA—Delta Hardware Co.
GRAND RAPIDS—Clark-Rutka-Weaver Co., 38 S Ionia
Foster, Stevens & Co., 12 Monroe
Hardware Supply Co., Pythian Temple
Kutsche, Wm. P.
Van Bree Arie
HOUGHTON—Swift, I. E. & Co.
IONIA—Webber, H. B. & Co.
IRON MOUNTAIN—Rundle, A. J.
IRONWOOD—Lesselyong, Frank H.
JACKSON—Smith & Winchester Hardware Co.
Warner Hdw. Co.
KALAMAZOO—Edwards & Chamberlain Hardware Co.
MARQUETTE—Manhard, M. R.
Marquette Hdw. Co.
MENOMINEE—Northern Hardware & Supply Co.
MONROE—Steiner, Wm.
PETOSKEY—Raynolds & Bain
PORT HURON—BEARD, GOODWILLIE & Co.
Boyce, S. L. & Son
SAGINAW—Buckout, B. B.
Morley Bros.
Saginaw Hdw. Co.
Popp & Wolf
SAULT STE MARIE—Soo Hdw. Co.
THREE RIVERS—Griffiths, John

MINNESOTA.

ALBERT LEA—Gulbrandon Hdw. Co.
DULUTH—Kelley-How-Thompson Co.
Marshall-Wells Hdw. Co.
MINNEAPOLIS—Derickson, G. P. & Co. (Cabinet), 121 Wash'n av
Janney, Semple, Hill & Co., 20 S 2d
Minneapolis Hardware Specialty Co. (Mfrs. Agts.), Kasota bldg
Minneapolis Iron Store Co., 2d c 2d av
Morrison, W. K. & Co. (also Retail), 247 Nicollet av
Nelson-Bouquet-Holliday Hardware Co., 219 N 3d
Williams Hdw. Co., 102 2d av, N
ST. PAUL—Crane & Ordway Co., 248 E 4th
Decker, Adam & Co., 347 Jackson
Farwell, Ozmun, Kirk & Co.
Hackett-Walther-Gates Hdw. Co., 268 E 4th
Marshall, Wells Hdw. Co., 90 E 5th
Nichols, Dean & Gregg, 365 Sibley
STILLWATER—Stillwater Hdw. Co.
WINONA—Cone, R. D. & Co.

MISSISSIPPI.

GREENWOOD—Henderson & Baird
JACKSON—McClelland, Thos. & Son
MERIDIAN—Melton Hardware Co.
Meyer-Neville Hdw. Co.
NATCHEZ—Baker & McDowell Hdw. Co.
Schwartz & Stewart
VICKSBURG—Hoffman, Louis Hardware Co.
Richardson-Lee Co.
Wright Bros.
YAZOO CITY—Crane-Hinman Hardware Co.

MISSOURI.

BUTLER—Bennett-Wheeler Merc. Co.
CLINTON—Haysler Hdw. Co.
DEXTER—Miller, Ulen & Carter
ELDORADO SPRINGS—BABLER, H. J., Jr.
JEFFERSON CITY—Lohman, L. C.
JOPLIN—Halyard Hdw. Co.
Joplin Hdw. Co.
KANSAS CITY—Brunner, H. J. Hardware Co., 910 Market
Bunting-Stone Hardware Co., 804 Walnut
Richards & Conover Hdw. Co. (Heavy & Shelf), 127 W 5th
Townley Metal & Hdw. Co.
NEOSHA—Briggs-Centers Hdw. Co.
SEDALIA—Smith, D. H. Hardware Co.
Smith-Marshall-Howe Hdw. Co.
ST. JOSEPH—Burgess-Frazier Iron & Hdw. Co., 210 S 4th
Curtin & Clark Hdw. Co., 209 S 6th
Parrish-Erickson Hdw. Co., 115 S 6th
Robison Heavy Hdw. Co., 306 S 4th
Whelan, Alex. T., 1001 S 10th
Wyeth Hdw. & Mfg. Co., 609 N 2d
ST. LOUIS—Kansteimer, Fredk. A., 1008 Market
Norvell-Shapleigh Hdw. Co., 4th & Wash'n av
Quernheim Hardware Co., 213 N 10th
Salomo & Biederman Hdw. Co., 1616 S B'way
Schroeter Bros., 809 N 4th
Simmons Hdw. Co., 900 Spruce
Wachter, Emil & Son Hdw. Co., 1402 S B'way
Witte Hdw. Co., 706 N 3d
SPRINGFIELD—McGregor-Noe Hardware Co.
Rogers & Baldwin Hdw. Co., 315 South
WEBB CITY—Franz-Howell Hdw. Co.

MONTANA.

ANACONDA—Anaconda Copper Mining Co.
Stagg, J. P.
BILLINGS—Babcock, A. L. Hardware Co.
BUTTE—Anaconda Copper Mining Co.
Davis-Weimscary Co.
Montana Hardware Co.
GREAT FALLS—Murpby, Maclay & Co.
Weinstein Co.
HELENA—Helena Hdw. Co.
Holter, A. M. Hardware Co.

NEBRASKA.

FREMONT—Lee, H. J.
HASTINGS—Lawson, C. R. Hdw. Co.
KEARNEY—Bodinson, C. F. Hdw. Co.
Jakway, W. E. Co.
LINCOLN—Boggs, J. A.
Humphrey Hdw. Co.
Lincoln Hardware Co.
Rudge & Guenzel Co.
Veitb, Henry Co.
OMAHA—Baum Iron Co. (Heavy), 1210 Harney
Broatch, W. J. Iron Co., 1211 Harney
Dunning Hardware Co., 1514 Farnam
Lee-Glass-Andreesen Hdw. Co., 1219 Harney
Morton, Jas. & Son Co., 1511 Dodge
Wright & Wilhelmy Co.
SEWARD—Goehner, J. F. & Bro.

NEW HAMPSHIRE.

BERLIN—Berlin Mills Co.
CONCORD—Thompson & Hoague
MANCHESTER—Manchester Hardware Co.
Varick, John B. Co.
NASHUA—Barr Hardware Co.
Nashua Hardware Co.
SOMERSWORTH—Sweetser-Sanborn Co.

NEW JERSEY.

ELIZABETH—Elizabeth Hdw. Co., 202 Broad
Hand, Frank Co.
KEYPORT—Force & Wyckoff
MORRISTOWN—Phillips & Day
NEWARK—Banister & Pollard, 206 Market
Gray, Robt., Jr., 190 Market
Johnson, W. T., 496 Broad
Macknet & Doremus, 796 Broad
Roe & Conover, 200 Market
PATERSON—Cleveland, J. W.
Van Winkle, J. A. Co., 168 Main
TRENTON—Katzenbach, F. S. Co., 35 E State

NEW MEXICO.

ALBUQUERQUE—Post, E. J. & Co.
Whitney Co.

NEW YORK.

ALBANY—Albany Hardware & Iron Co., 39 State
Bamer, McDowell & Co., 38 Central av
Croissant, Martin (est.), 204 Wash av
Woodward Co. (Carriage & Wagon), 322 B'way
ALBION—Waterman, G. M.
BATH—Peck, Geo. W. Co.
BINGHAMTON—Babcock, Hinds & Underwood, 174 Wash'n
Crocker & Ogden, 95 Court
Harris, Geo. M., 40 Court
BUFFALO—Beals & Co., 44 Terrace
Bean, Schermerborn & Co., 69 Main
Doll's M. Sons, 12 E Chippewa
Hauck, Adam & Sons, 505 Main
Walbridge & Co., 392 Main
Weed & Co., 292 Main
CALEDONIA—Matteson, J. M. & Co.
CANAJOHARIE—Davis, Lewis S.
CANANDAIGUA—Cooley, A. E. & Co.
COHOCTON—Peck, Geo. W. Co.
DANSVILLE—Edwards, Kern & Miller
ELLENVILLE—Du Bois, L. & Co.
ELMIRA—Barker, Rose & Clinton, 109 Lake
Booth, Irving D.
Gridley, G. A. & Sons, 119 E Water
FORT PLAIN—Stewart & Bergen Co.
GLENNS FALLS—De Long & Sons
GLOVERSVILLE—Batcheller, E. S. & Co.
GOUVERNEUR—Bowne, C. H. & Co.
HORNELLSVILLE—McGuire, Chas. F.
Peck, Geo. W. Co.
ITHACA—Rumsey, C. J. & Co.
Treman, King & Co.
LITTLE FALLS—Shepherd, Skinner & Co.
Taylor, Jno. R. & Co.
LOCKPORT—Chadwick & Morris
MALONE—Short & Wilding
Thompson, H. D. & Co.
MEDINA—Acer & Whedon
Hanlon Bros.
NEWBURGH—Lawson Hdw. Co.
Van Duzer, J. H. & Co.

Borough of Brooklyn.

BROOKLYN—Kiley, Thos. W. & Co., 57 Grand
Ring, Chas. E. & Co., 40 S 8th

Boroughs of Manhattan & Bronx

NEW YORK—American Hdw. Co., 40 John
Baker & Hamilton, 257 B'way
Barron, Jas. S. & Co. (Woodenware, Skates, etc.), 339 G'wich
Baynon, C. A. Co. (Jobbers & Commission, General & Heavy), 99 Reade
Biddle Purchasing Co. (Purchasing Agents & Commission Buyers), 78 Reade
Blumberg, W. L. & Co., 100 Chambers
Boker, Hermann & Co. (Importers of Hardware, Cutlery, Guns, etc.), 101 Duane
House Furnishing), 179 West
Brombacher, A. F. & Co., 31 Fulton
Brown, J. S. Hardware Co., 290 B'way
Burger & Baumgard (Cutlery, Etc., Jobbers & Exporters), 105 Chambers
Carpenter & Bayles (Hardware, Handles, Etc., Domestic & Export), 91 Chambers
Carter, R. K. & Co. (Purchasing Agents & Commission Buyers), 66 Reade
Cbovey, Chas. L. & Co. (Woodenware & House Furnisbing), 179 West
Cozzens, F. H., 253 B'way
Crane & Halpin (Mfrs Agts), 62 Reade
Curley, J. & Bro. (Cutlery, etc., Domestic & Export), 6 Warren
Curtiss, Geo. B. (Mfrs Agt, Tools & Hardware Specialties), 84 Chambers
Delinsky, Hyman, 141 Bowery
Droescher, S. R. (Mfrs Agt & Importer of Cutlery, etc.), 79 Warren
Dunham, Carrigan & Hayden Co. (Importers), 127 Duane
Duryee, Peter & Co. (Jobbers & Retailers), 227 Greenwich
Early's, Jno. Sons (Woodenware, Tinware, Harness, etc.), Reade & Hudson
Eggers, Aug. (Exporters Hardware, Implements, Gas & Steam Fitters' Specialties), 103 Chambers
Emmons, F. R. & Bro. (Commission), 32 Warren
Farrington, Darius, 127 Duane
Farrington, Jos. T. (Commission), 179 Grand
Field, Alfred & Co. (Importers & Exporters, Cutlery, Guns, Anvils, Chains, etc.), 93 Chambers
Folsom, H. & D. Arms Co. (Importers & Exporters, Guns, Sporting Goods, etc.), 314 B'way
Fox, Wm. B. & Bro. (Importers & Exporters, Purchasing Agents & Commission Buyers), 97 Chambers
Frasse, Peter & Co. (Importers, Jobbers, etc., Mechanics' Tools, etc.), 94 Fulton
Frasse & Co. (Importers, Jobbers, etc., Mechanics' Tools, etc.), 38 Cortlandt
Frecker, Alfred N., 95 Liberty
Fuller Bros. (Exporters Hdw. Carriage Mat'ls, Wheels, etc., & Importers of Hdw. & Cutlery, etc.), 280 B'way
Gifford, Jno. A. (Carriage Hdw. Supplies), 17 Park pl
Goldberg, Chas. H. (Importers & Exporters, Woodenware, Cordage, etc.), 114 Reade
Graef & Schmidt (Cutlery), 107 Chambers
Graham, Chas D., 257 B'way
Graham, Jno. H. & Co. (Mfrs & Mfrs Agts & Exporters, Hdw., Tools & Specialties), 113 Chambers
Grant Pulley & Hardware Co., 25 Warren
Hall, E. O. & Son, 127 Duane
Halpin, Mattbew D., 62 Reade
HAMMACHER, SCHLEMMER & Co., 131 4th av. (See adv. index, end of book)
Hanton, Mattbias C. (Builders' Hdw. & Locksmiths' Supplies), 103 Chambers
Hardware Jobbers' Purchasing Co. (Purchasing Agents & Commission Merchants3, 71 W B'way
Harmon & Dixon (Mfrs Agts, Hdw. & Specialties), 100 Chambers
Harper & Reynolds Co., 127 Duane
Haveron & Co., 28 Chambers
Hartley, M. & Co. (Importers & Exporters, Guns, Sporting Goods), 313 B'way
Hendricks & Class (Mfrs Agts, Heavy, Marine, Railway, etc.), 150 Nassau
Hertzberg, Meyer (Importers, Cutlery, etc.), 132 Church
Hett & Elias, 238 N 113th
Hilfer Bros., 86 Clinton
Hughes, John W. (Cutlery, etc.), 298 B'way
Humann & Beckley Mfg. Co. (Cutlery, etc.), 30 Chambers
Hunrath, Wm., 218 Canal
Ingersoll, Robt. H. & Bro (Jobbers & Exporters, Specialties, Novelties & Sporting Goods), 67 Cortlandt
Jacobus, Wm. H. (Mfrs Agent, Builders' & Gen'l Hdw. & Specialties), 155 Chambers
Jacoby, Jno. H. (Importers, Cutlery, Surgical Instruments, Tools, etc.), 42 Murray
Jennings, C. E. Co. (Mfrs. & Mfrs. Agts., Mecbanics, Tools & Specialties), 42 Murray
Judd, H. L. & Co., 87 Chambers.
Kastor, Adolph & Bro. (Cutlery), 109 Duane
Keating, Tbos. F., 23 Warren
Kelty, Jeter J., 8 Desbrosses
King, Hezekiah (Importers, etc.), 106 Chambers
Klaas, Max (Mfrs Agt & Importer of Cutlery), 298 B'way
Kleine, Wm. E. & Co. (Wagon & Carriage Materials), 120 W B'way
Landers, Frary & Clark (Cutlery, etc.), 82 Chambers
Lau, J. H. & Co. (Importers & Wholesalers, etc.), 157 Chambers
McCarty, J. C. & Co. (Mfrs Agts, General Hdw., & Blacksmiths', Machinists' & Garden Tools, etc.). 10 Warren
McCoy, Jos. F. Co. (Mfrs Agts, Importers & Exporters, Heavy Hdw., Cutlery, Tools, etc.), 157 Chambers
Markt & Co. (Importers & Jobbers, House Furnishing Goods & Hdw. Specialties), 193 West
Masbach Hdw. Co. (Mfrs. Agts., Shelf Hdw., Cutlery & Specialties), 117 Chambers
Miller, W. S. & Co., 113 Chambers
Miller, Sloss & Scott (of San Francisco, Eastern Purchasing Office), 90 W B'way
Montgomery & Co. (Tools & Supplies for Machinists, Railroads, Mills, Contractors, etc.), 103 Fulton

Morrison, Richard H., 1231 3d av
Murray, Robt. (Screws, Shovels, Hoes, etc.), 24 Duane
Neal & Brinker Co. (Mfrs. Agts., Washing Machines, Refrigerators, Water Coolers & Hollow Ware), 18 Warren
New York Hdw. Co., 54 Stone
NEWHALL, HENRY B. (Mfrs. Agt., Heavy Hdw., Builders & Contractors' Supplies, 9 Murray
Oakman Bros. Co., 47 Murray
Ogden, J. E. Co., 147 Cedar
Oliver Bros. (Syndicate Purchasing Agts), 127 Duane
Pacific Hdw. & Steel Co., 90 W B'way
Patterson Bros. (Gen'l Hdw., Tools & Supplies; Cater to Consumer), 27 Park row
Patterson, Gottfried & Hunter (Machinists', Railroad, Mill & Contractors' Tools & Supplies), 146 Centre
Patterson, Harral & Gray (Cutlery, House Furnishing, etc.), 85 Chambers
Pearsall, Robt. (Mfrs Agt, Cutlery, Tools, etc.), 93 Chambers
Peck & Mack Co. (Importers & Exporters & Mfrs. Agts., General Hdw.), 12 Murray
Peck, Wm. E. & Co. (General Exporters), 116 Broad
Pell, Fred. H. Co., 11 B'way
Penn Hdw. Co., 100 Chambers
Pratt, J. T. & Co., 53 Fulton
Prescott, J. B. & Son, 62 Reade
Pryor, W. W. & Co. (Mfrs, Mfrs Agts & Importers, Tools, House Furnishing Goods & Painters' Specialties), 70 Warren
Pugsley & Chapman (Commission), 180 West
Putnam, Hy. W., 108 Chambers
Quinn, W. H. & Co. (Commission & Mfrs Agts), 103 Chambers
Robinson, M. W. Co., 79 Chambers
Ross & Fuller Association (Direct Representatives of American Mfrs. oof Hdw.), 309 B'way
Russell, J. & Co., 37 Reade
Russell & Erwin Mfg. Co. (Mfrs & General Jobbers in Hdw. & Tools), 45 Chambers
Sargent & Co. (Mfrs & Jobbers, & Exporters of General Hdw., Tools, etc.), 151 Leonard
Schoverling, Daly & Gales (Importers, Exporters & Jobbers, Guns, Sporting Goods, Fishing Tackle, etc.), 302 B'way
Sellers, John & Sons (Importers, Cutlery, etc.), 14 Dey
Shepard, Edw. G. (Mfrs Agt, Builders' & General Hdw.), 107 Chambers
Sherman, Brown, Clements Co., 49 Dey
Sickles & Nutting Co. (Mfrs. Agts. & Jobbers, General & Heavy Hdw.), 35 Barclay
Simpson, T. I. & Co., 94 John
Smith, W. Cook & Co., 91 Liberty
Smith & Hemmenway Co. (Importers & Mfrs Cutlery & Hdw. Specialties), 296 B'way
Spalding, A. G. & Bro. (Mfrs & Jobbers, Sporting Goods, Fishing Tackle, etc.), 128 Nassau
Sperry & Alexander (Mfrs Cutlery & Hdw. Specialties), 300 B'way
Stevens, Walter B. & Son (Mfrs & Mfrs Agts, Dog Collars, Leather Goods, Skates & Tools), 114 Chambers
Stokes, W. A. & Co. (Mfrs & Exporters, Woodenware, House Furnishing Goods, Cabinet Specialties, etc.), 30 Warren
Story, Herbert, 23 Duane
Striffler, C. & Co., 674 9th av
Surplees, Dunn & Co. (Mfrs Agts & Exporters, Gen'l Hdw. & Specialties), 55 Warren
Thurnauer, G. M. & Bro. (Jobbers, House Furnishing Goods), 33 Park pl
Tiebout, W. & J. (Mfrs, Brass & Galvanized Hdw. & Ship Chandlery), 118 Chambers
Tommins, F. J. P. Co. (Francis J. King), prop.). (Mfrs Export Agts for Cutlery, Butchers' & Hunters' Knives, Silver-Plated Ware, Specialties & Tools), 117 Chambers
Topping Bros. (Importers, Exporters, Mfrs Agts & Commission. Heavy & Marine Hdw.), 122 Chambers
Tower & Lyon Co. (Tools, Vises, Wrenches, Skates, etc.), 95 Chambers
Underhill, Clinch & Co. (Jobbers', Builders' Hdw., Tools, Shovels, Lawn Mowers, etc.), 94 Chambers
Van Wagoner Co., 253 B'way
Voigt, Starr & Co. (Cutlery, Plated Ware), Revolvers, Tools, Vises, Clamps, etc.), 84 Chambers
Warner & Haviland (Mfrs. Agts., Tools, Screws, Files, Wagon & Carriage Hdw.), 17 Warren
Weed, J. D. & Co., 97 Chambers
Weiland, Charles (Importer), 149 Chambers
White, Van Glahn & Co., 15 Chatham sq
Wiebusch & Hilger (Ltd.) (Importers & Mfrs Agts, Hdw. Specialties, Anvils, Chains, Cutlery, etc.), 9 Murray
Weiland, Chas. (Job Lots, Gen'l Hdw., Cutlery, House Furnishing Goods & Bicycle Sundries), 149 Chambers
White, Van Glahn & Co. (Gen'l Hdw., Cutlery, Tools & Supplies), 15 Chatham sq
Witte, Alexis (Mfrs & Exporters, Razors, Scissors, etc.), 81 Warren
Witte, Francis T. Hdw. Co. (Importers, Exporters & Mfrs Agts, Hdw., Cutlery, Tools, Refrigerators, etc.), 106 Chambers
Wood, Hy. P. (Trunk), 20 Reade

(END OF NEW YORK CITY.)

NIAGARA FALLS—Elderfield-Hartshorn Hdw. Co.
Oliver, F. W. Co.
Watson, Jas. & Son
NORTH TOWANDA—Krapp Hardware Co.
ONEIDA—Cramer & Carpenter
OSWEGO—Oswego Hdw. Co. (Gen'l, Heavy & Carriage)
Peck, Geo. W. Co.
PATCHOGUE—Bailey, E. & Sons
PEN YAN—Holloweli & Wise
PLATTSBURGH—Henry, Wood & Marshall
POUGHKEEPSIE—Schow & Phillips
ROCHESTER—Mathews & Boucher, 26 Exchange
Weaver, Palmer & Richmond, 33 E Main
ROME—Wardwell Hdw. Co., 134 W Dominick
RONDOUT—Johnson, J. T.
SAUGERTIES—Lamb, Dan'l
SYRACUSE—Burhans & Black Co.
Grant, Alex Sons, 132 E Genesee
Kleffer Bros., 218 N Salina
Syracuse Hardware & Iron Co.
Wood Glass Co., 226 N Salina
TROY—Bonestell, A. E.
Green's Hannibal Son & Co. (Heavy, etc.)
McCormick & Dunn, 363 River
Manning, Jno. G. & Co., 355 River
Warren, J. M. & Co., 245 River
UTICA—Foster, David S.
Millar, Charles & Son Co.
Parry, Wm. B.
Roberts Hardware Co.
Wright-Dana Hardware Co.
WATERTOWN—Conde, W. W.
Spratt & Corcoran
WEEDSPORT—Burrett, O. W. & Bro.

NORTH CAROLINA.

ASHEVILLE—Asheville Hdw. Co.
CHARLOTTE—Allen Hardware Co.
Charlotte Hardware Co.
Southern Hardware Co.
Weddington, J. H. & Co.
ELIZABETH CITY—Ehringhouse Bros. & Co.
Sharber & White
GREENSBORO—Odell Hardware Co.
HICKORY—Martin, J. A.
MONROE—Heath-Lee Hdw. Co.
RALEIGH—Briggs, Thos. H. & Sons
Lumsden, R. E. & Son
STATESVILLE—Flanigan's, J. P. Sons Co.
Thomas Hdw. Co.
WASHINGTON—Fulford, N. S. Hdw. Co.
WILMINGTON—Jacobi, N. Hdw. Co.
Murchison, J. W. & Co.
Springer, W. E. & Co.
WINSTON-SALEM—Brown, Rogers & Co.
Crawford & Brooks
Shepbard & Norfleet

OHIO.

AKRON—Kempel, G. A. & Co. (Heavy & Carriage
Morgan & Bunnell Co.
Standard Hardware Co.
BEVERLY—Pomeroy Bros.
Standard Hardware Co.
CANTON—Canton Hdw. Co.
Miller Co.
Snyder, C. C.
CHILLICOTHE—Spetnagel Hdw. Co.
CINCINNATI—Boebinger Hardware Co., 315 E Pearl
Johnson Bros. Hdw. Co., 12 W 2nd
Kruse Hdw. Co., 25 E Pearl
Kuhlmann Hdw. Co., 1320 Main
Meyer, Geo. B., 515 Central av
Morris, E. K. & Co. (Heavy), 317 W 2d
Pickering Hdw. Co., c 5th & Main
Schriver, O. P. & Co., 208 Elm
Wayne, J. L., Jr., 432 Main
Wellman, Alfred F., 6th & Main
CLEVELAND—Bingham, W. Co., 146 Water
Brassington, Frank & Co., 43 Bolivar
Crap Bros. (Carriage), 57 Water
Giessen, D. E. & Co., 71 Prospect
Lockwood-Taylor Hdw. Co., 108 Water
Luetkemyer, H. W. & Sons, 190 Superior
McIntosh Hardware Corp., 118 Superior
Worthington, Geo .Co., 99 St. Clair
COLUMBUS—Columbus Hdw. Co., 170 N 3d
Cussins & Fearn, 653 W Broad
Griswold, Sohl Co. (Carriage & Heavy), 79 N Front
Ihrig, F. B. & Co., 541 N High
Mithoff, H. & Co., 284 S High
Smith Bros. Hdw. Co., 48 W Spring
Tallmadge Hdw. Co., 143 N High
COSHOCTON—Gray Hdw. Co.
Ricketts, B. W.
DELAWARE—Leas Hardware Co.
DAYTON—Grabedinkel, Geo.
Kramer, Viot & Co.
Tischer & Reisinger.
FINDLAY—Wyssbrod, E. V. & Co.
GALION—Thomas, P. C. Hardware Co.
GALLIPOLIS—Kerr, J. M. & Co.
Hutchinson, W. H.
IRONTON—Goldcamp Bros. & Co.
Hutsinpiller & Sheridan
LANCASTER—Winter, Frank Hdw. Co.
MANSFIELD—Wagner Hdw. Co.
MARIETTA—Seyler, J. & Bro.
NEWARK—Jones, Jno. C.
Jones, Dan'l L. & Co.
McCune-Crane Hdw. Co.
PLYMOUTH—Root Bros. Co.
PORTSMOUTH—Hibbs, J. C. Hdw. Co.
SANDUSKY—Arend Bros.
Donahue Hdw. Co.
SIDNEY—Woodward, H. G.
SOMERSET—Fountain & Love
SPRINGFIELD—Elder & Tuttle Co.
Haucke, Geo.
Lion Hardware Co.
TIFFIN—Creeger, L. D.
Crobaugh & Dahm Hdw. Co.
TOLEDO—Auburndale Hdw. Co.
Birkmayer & Rodemich Bros.
Bostwick-Braun Co.
Clapp, Chester D.
Heavy Hardware Co. (Carriage, etc.)
Norton Paint & Hdw. Co.
Schunk-Marquardt Co.
Stollberg Hardware Co., 603 Cherry
Whitaker-Mitchell Hdw. Co., 210 Summit
Wolf Hdw. Co.
TROY—Coles, Schaible & Smith
Hatfield & Scott
URBANA—Cooper, Otway
WARREN—Park, S. W. & Co.
Warren Hdw. Co.
WASHINGTON C. H.—Ballard, C. F.
Ford Hdw. Co.
WILLIAMSPORT—Davis Hdw. Co.
YOUNGSTOWN—Morris Hdw. Co.
Stambaugh, Thompson Co.
Wilkins-Leonard Hdw. Co.
ZANESVILLE—Clossman Hdw. Co.
McCormick, Geo. W.
Young Hdw. Co.
Zanesville Hdw. Co., 169 Main

OKLAHOMA TERRITORY.

EL PASO—Bonebrake Hdw. & Implement Co.
ENID—Gensman Bros.
Hockaday, E. & Co.
GUTHRIE—Morris, F. L.
KINGFISHER—Badger-Way Hdw. Co.
Hockaday, E. & Co.
OKLAHOMA—Armstrong Hdw. Co.
Pettee, W. J. & Co.
SHAWNEE—Wade-Branch Hdw. Co.

OREGON.

PORTLAND—Atkins, E. C. & Co., 60 1st
Avery & Co., 82 3d
Corbett, Failing & Robertson, 88 Front
Dayton Hardware Co., 194 1st
Haseltine, J. E. & Co. (Carriage), 49 2d
Hexter, May & Co., 124 Front
Hicks, S. B. & Sons Co., 231 Pine
Honeyman Hardware Co., c 4th & Adler
Krochman & Hartman, 183 1st
Simonds Mfg. Co., 85 1st

PENNSYLVANIA.

ALLEGHENY—Lautner Hardware Co., 719 Ohio,
Taylor Hardware Co.
ALLENTOWN—Ebbecke, M. C. Hdw. Co.
Hersh, F. & Sons, 825 Hamilton
Schelly, C. Y. & Bro., 32 N 7th
Young, M. S. & Co., 740 Hamilton
ALTOONA—Goodfellow, W. H. & Son
Standard Supply & Equipment Co.
ASHLAND—Buck, P. E. & Sons
BELLEFONTE—Potter-Hoy Hdw. Co.
BRADFORD—Emery, L., Jr., & Co.
BUTLER—Campbell, J. G. & W.
CHESTER—Riley, B. F., 605 Edgemont av
CHICARO—Hays, E. F. & Sons
Hoch Bros.
CLARION—Magee, Jno. A. & Son
CONNELLSVILLE—Frisbee Hdw. Co.
CORRY—Barlow Hardware Co.
DANVILLE—Welliver Hardware Co.
DUBOIS—Garnier, A. B. & Son
Hibner & Hoover
Prothero, Frank W.
EASTON—Miller, S. K. & Son
Miller, T. T. Hdw. Co.
ELLWOOD CITY—Blatt, H. S. & Sons
EMLENTON—Mitchell, H. B. & Co.
ERIE—Black & Germer, 16th & German
Mehl & Sapper, 1114 State
Schneider Bros., 1303 State
GALETON—Ansley Hdw. Co.
GREENVILLE—Packard Hardware Co.
HANOVER—Shirk, Samuel & Sons
Tanger, J. C. & Co.
HARRISBURG—Gilbert, H. S. & Son, 219 Market
King, Geo. K., 303 Market
Strayer, O. F.
HAZLETON—Barber, J. F. & Co. (Tin, Woodenware, Stoves, etc.)
Bright, J. C. & Co.
Hazleton Machinery & Supply Co.
INDIANA—Stewart, Jas. M. & Co.
JOHNSTOWN—Swank Hardware Co.
KINGSTON—Roat, A. J.
LANCASTER—Herr & Snavley
Reilly Bros. & Raub
Steinman Hardware Co.
LEBANON—Krause, Geo. Hardware Co.
LEHIGHTON—Lehigh Coal & Hdw. Co.
Sendel & Rouse
LEWISBURG—Dreeshach's C. Sons
Proctor, G. W. & Sons
MAHAFFEY—Wrigley Hdw. Co.
MAHANOY CITY—Heiser, H. J. & Co.
McKEESPORT—Hartman Hdw. Co.
MANHEIM—Kline, Abraham
MECHANSBURG—Hauck Bros.
MEYERSDALE—Cover, Peter J. & Son
Shipley Hardware Co.
MIDDLETOWN—Hoff & Raymond
MIFFLINTOWN—McClintic, Kirk H.
Snodgrass, S. W.
MT. PLEASANT—Stevenson, J. A. & Co.
NEW CASTLE—Smith-Hutton-Kerk Co.
PATTERSON—Guss & Sieber
PHILADELPHIA—Allen, W. H. & G. W., 113 Market
Barney & Berry, 412 Commerce
Berger Bros. Co. (Metal Workers), 237 Arch
Biddle Hdw. Co., 513 Commerce
Fernley, T. Jas., 505 Commerce
Field's, Chas. J. Sons, 633 Market
Fitch & Stansbury, 5 N 3d
Ghriskey's Chas. M. Sons, 508 Commerce
Greenfield, Paul, 53 N 2nd
Gilbert, T. W. & Co., 108 N 3d
Hessenbruch, Herman, S N 5th
McFadden, Jno. W., 40 N 4th
Matlack, Coleman & Co., 203 Market
Newlin-Knight Hardware Co., 337 Market
Noblitt Bros. & Co., 22 S 2d
Penn Hardware Co., 506 Commerce
Petry, N. A., 401 Commerce
Reading Hdw. Co., 617 Market
Rogers & Miller, 135 Market
Sanson & Rowland, 422 Commerce
Schmidt, Frank, 2202 South
Seltzer-Klahr Hdw. Co., 535 Market
Shannon, J. B. & Sons, 816 Chestnut
Shannon, J. J. & Co., 1744 Market
Shannon Mfg. Co., 800 S 11th
Shields & Bro., 521 Market
Stevens, W. B. & Son, 412 Commerce
Supplee Hdw. Co., 503 Market
Terry, Hy. A. (Mfrs. Agt.), 13 N 6th
Vance, Jas. M. & Co., 211 Market
Watson, E. H. & Co., 12 N 5th
PHILLIPSBURG—Turnbach, J. H. Hdw. Co.
PITTSBURG—Bindley Hdw. Co., 429 7th av
Chicago Hardware Co., 345 5th av
Gloekler, Bernard, 1127 Penn av
Hardware Jobbers' Purchasing Co. (Purchasing Agents & Commission Merchants), Fitzsimons bldg
Horner, Chas. S., 1431 Penn av
Lindsay, Jas. C. Hardware Co., 719 Liberty av
Logan-Gregg Hardware Co., 125 7th
Steiner & Voegtly, 310 Wood
Turner, Chas. A., 14 Market
Wolff, Lane & Co., 304 Wood
Woodwell, Jos. & Co., 201 Wood
POTTSVILLE—Bright & Co.
Esterly, D. L. & Sons
Thompson, L. C.
READING—Bard Hdw. Co., 800 Penn
Bright & Co., 504 Penn
Hoff Bros., 402 Penn
Obold, J. H. & Co., 300 Penn
Stitcher Hardware Co., Ltd., 509 Penn
SCOTTDALE—Loucke, Morrow & Co.
SCRANTON—Bittenbender & Co. (Heavy & Car-
Cowles, W. C.
Doyle, Jas. B. & Co.
Foote & Shear Co., 119 N Wash'n
Hunt, Alex. E., 434 Lack av
Leonard, Thos. F.
Scranton Supply & Machinery Co. (Heavy), 131 Wyoming av
SHAMOKIN—Hack Sanner Hardware Co.
SHARON—Fruit, Ohl Co.
SOMERSET—Schell, P. A.
TAMAQUA—Seligman & Co.
TITUSVILLE—Kernochan & Co.
United Hdw. & Supply Co.
WARREN—Pickett Hardware Co.
WILKESBARRE—Baab, Frank
Morgan's C. Sons
Penn Supply Co.
Phelps, Straw & Co.
White Hdw. Co.
Williams Hardware Co.
WILLIAMSPORT—Funston, T. J. & Co.
Kline & Co.
Williamsport Hdw. & Stove Co.
YORK—Small, P. A. & S.
Thomas, J. F. & Sons

RHODE ISLAND.

PAWTUCKET—Sawyer Hardware & Supply Co., 296 Main
PROVIDENCE—Ballou, Johnson & Nichols (House Furnishings & Woodenware)
Barker, Chadsey & Co., 38 Westminster
Belcher & Loomis Hardware Co., 89 Weybosset
Bosworth & Aspinwall, 78 Weybosset
Congdon & Carpenter Co., 102 N Main
Congdon, Welcome & Sons, 5 Steeple
George, E. T. & Co., 31 Weybosset
Union Hdw. & Elec. Supply Co., 150 Weybosset
WOONSOCKET—Darling, Chas. H.

SOUTH CAROLINA.

ANDERSON—Anderson Hardware Co.
Sullivan Hardware Co.
CHARLESTON—Brown Hardware Co.
Coleman-Wagener Hdw. Co.
Marshall, Westcoat & Co., 207 Meeting
Miler Hdw. Co., 249 Meeting
COLUMBIA—Lorick & Lowrence
Walton, Maurice Hdw. Co.
DARLINGTON—Welling & Bennoit
GREENVILLE—Markley, H. C.
Wilkins, Poe & Co.
Williams, Jas. T.
SPARTANSBURG—Ezell, S. B.
Montgomery & Crawford

SOUTH DAKOTA.

ABERDEEN—Jackson Hdw. Co.
RAPID CITY—Congdon, G. S. Hardware Co.
Sweeney Hardware Co.
SIOUX FALLS—Hackman, E. W. Hdw. Co.
Sioux Falls Hdw. Co.
WATERTOWN—Heegard, M. A.

TENNESSEE.

BRISTOL—Barker Hardware Co.
Fairfax-Roberts Hdw. Co.
Mitchell-Powers Hardware Co.
CHATTANOOGA—Fritts, Tom, Hardware Co., 715 Market
Green & Caldwell, 828 Market
Hall-Melton Hdw. Co.
James & Co.
Magill Hdw. Co., 729 Market
Vance Hardware Co., 815 Broad
Woodworth, F. H. & Co., 704 Market
CLARKSVILLE—Elder, Conroy Hdw. Co.
Elder, J. E.
CLINTON—Clinton Hdw. Co.
JACKSON—Anderson, G. O.
JOHNSON CITY—Summers, Barton & Parrott
KNOXVILLE—Brown, George
Luttrell, S. B. & Co.
McClung, C. M. & Co.
McClung, Buffat & Buckwell
Woodruff Hardware Co.
MEMPHIS—Craig, R. G. & Co., 296 Front
Davidson, Bagley & Co., 282 2nd
Manogue-Pidgeon Iron Co., 226 2nd
Orgill Bros. & Co., 312 Front
Stewart, Matt Hdw. Co., 234 Main
Thomas, Barnes & Miller, 397 Main
Warner & Shelby, 229 Main
LEBANON—Freeman & Green
MORRISTOWN—Baylor, C. E. & Co.
Grant Hardware Co.
NASHVILLE—Buford Bros., 166 N Market
Fall, J. H. & Co., 317 N College
Gray & Dudley Hdw. Co., 222 N Market
Hitchcock, L. H. & Son, 126 N Market
Keith, Simmons & Co., 309 N College
Lipscomb, H. G. & Co., 152 N Market
Tenison, A. M. & Son, 139 N Market

TEXAS.

ABILENE—Hughes, Edw. S. & Co.
Paxton, Geo. L.
AUSTIN—Bengener, C. G. & Bros.
Richardson, W. H.
Teagarden & Shumate
Tipps, Walter A.
Webb, John A. & Bro.
BEAUMONT—Heitmann, F. W. & Co.
Simmons Hdw. Co.
BROWNWOOD—Broad, E. J.
Hurlburt Hdw. Co.
Weakley & Watson
CAMERON—Bryant & Bond Co.
DALLAS—Huey & Philip Hdw. Co., 257 Elm
Kenyon Hdw. Co.
Moroncy Hdw. Co., 303 Elm
DENISON—Dollarhide & Harris
Hall-Leeper Hardware Co.
Shaffer, Frank E.
EL PASO—Krakauer, Zork & Moye
FT. WORTH—Henry, Wm. & R. E. Bell Hdw Co.
Nash Hdw. Co.
GAINESVILLE—Stevens-Kennerly & Spragins Co.
GALVESTON—Angerhoffer, C. A., 2218 Mechanic
Blum Hdw. Co., 2211 Strand
Brown, J. S., Hdw. Co., 23d & Strand
Bryan Hardware Co., 2205 P. O.
HOUSTON—Bering-Cortes Hardware Co.
Bering, C. L. & Theo., Jr., 614 Main
Dunlay, J. S., Hardware Co.
Heitmann, F. W. & Co. (Heavy), 113 Main
Meyer, Jos. F. Co. (Heavy), 806 Franklin
Peden Iron & Steel Co. (Heavy & Tinware, etc.)
JEFFERSON—Meyer, Eugene
Torrans Mfg. Co.
LAREDO—Deutz Bros.
NAVASTA—Brookman & Craig
PARIS—Bettes, H. S., Hardware Co.
ROCKDALE—Henne & Meyer Co.
SAN ANTONIO—Basse, Wm., Hardware Co. (Carriage, Wagon & Heavy)
Dean, C. H. Co.
Heusinger Hardware Co.
Huth, L. & Son, 230 Market
Schultz Stove & Hdw. Co.
Tips Hardware Co.
Wagner & Chabot (House Furnishing & Wooden Ware)
SHERMAN—Roberts, Sanford & Taylor Co.
Walsh Hdw. Co.
TEMPLE—Hollingsworth, T. L.
TEXARKANA—Chatfield & Burnham
Hoffman Hdw. Co.
Texarkana Hardware Co.
TYLER—Adams, Jno. R. Hdw. Co.
WACO—Eikel-Breustedt Co.
McLendon, Duncan & Co.
Padgitt, Tom Co.
Straus,, Ed.
WEATHERFORD—Bell, R. E., Hardware Co.
Lowe Carter Hdw. Co.

UTAH.

OGDEN—Bogle Hardware Co.
Consolidated Wagon & Machine Co.
Lowe, Geo. A. Co.
SALT LAKE CITY—Clark, Eldridge & Co., 149 S Main
Cunnington Co.
Salt Lake Hdw. Co. (S. Bauer, Pres't)
Scott, Geo. M. Strevell Hdw. Co.
Utah Stove & Hardware Co.
Zion's Co-operative Mercantile Institution

VERMONT.

BURLINGTON—Hager, Geo. I. (Estate)
Holton Hardware Co.
Manson, Jno. A. & Co.
Strong Hardware Co.
MONTPELIER—Barrows & Peck.
Peck Bros.
NEWPORT—Root, Hy. S. & Son
True & Blanchard
RUTLAND—Bates, A. C. & Son Co.
Landon, W. C. & Co.
ST. ALBANS—Clark & Hatch
Folsom, H. G. & Co.
ST. JOHNSBURY—Kidder, R. P. & Son
VERGENNES—Booth's C. A. Son & Co.

VIRGINIA.

ALEXANDRIA—Carlin's Jas. F. Son & Co.
BRISTOL—(See Tennessee)
CHARLOTTESVILLE—Harris, R. F. & Co.
Walker-Carroll-Adams Hdw. Co.
Wood, J. Edwin Co.
DANVILLE—Hodnett, Vass, Watson Co.
Piedmont Hdw. Co.
HAMPTON—Booker, H. R. & Co.
Sclater, Jas., Jr.
HARRISONBURG—Wilton, Joshua & Sons
LYNCHBURG—Ainslie & Martin
Bailey, Spencer Hdw. Co.
Barker-Jennings Hardware Co.
Gannaway, Jno. E. & Co.
Perrow, Evans & Co.
NORFOLK—Clark, Frank T. Co., 96 Brooke av
Howard, Paul R. Hdw. Co., 161 Water
Levy, M. & Co., 149 Water
Malbon, Philip J., 109 Commercial pl
Mayer & Co., 74 Commercial pl
Walke, Henry Co., 286 Water
Watters & Martin, 176 Water
Westbrook, Jno. D., 265 Water
White Hdw. Co., 309 Main
NORTON—Norton Hardware Co.
Ould, E. H. Hdw. Co.
PETERSBURGH—Leonard, Chas.
Stratton & Bragg
PORTSMOUTH—Neville & Grubb
Richardson, N. F.
Salomon, Moses.
RICHMOND—Baldwin & Brown, 1557 E Main
Clarke, A. B. & Son Hdw. Co., 1215 E Main
Donnan, W. S. Hdw. Co., 1300 E Main
Harris Hardware Co., 409 E Broad
McGraw, Jas., 1442 E Main
Richmond Hdw. Co., 1316 E Main
Virginia-Carolina Hdw. Co., 1322 E Main
Watkins-Cottrell Co., 1313 E Main
White, J. W. & Son, 1318 E Main
ROANOKE—Fairfax & Bell
SOUTH BOSTON—Penick, R. A. & Son
STAUNTON—Baker & Brown
Bowman, C. P. & Co.
Worthington, Hardware Co.
SUFFOLK—Folk, E. L. & Co.
Norfleet & Bro.
TAZEWELL—Peery & St. Clair

WASHINGTON.

EVERETT—Agnew Hdw. Co.
Westover Hdw. Co.
SEATTLE—Dunham, Carrigan & Hayden Co., 110 Railroad av
Gray Bros., 1230 1st av S
Hambach, A. Co., 305 1st av, S
Hicks, S. B. & Sons Co., 205 Jackson
Pacific Hardware & S. Co., Collins bldg
Polson Implement & Hdw. Co., 806 Western av
Schwabacher Hdw. Co., 105 1st av, S
Seattle Hdw. Co., 819 1st av
Thedinga Hardware Co., 1009 1st av
Whiton Hdw. Co., 110 1st av, S
SPOKANE—Holley, Mason, Marks & Co., 118 Howard
Jensen-King-Byrd Co., 404 Riverside av
McCabe-Johnson Co., Lincoln c Sprague av
Spokane Hardware Co., 516 Riverside av
TACOMA—Horst Bros.
Hunt & Mottet Co., 1505 Pacific
Mohr, Henry, 1152 Pacific av
Washington Hardware Co., 928 Pacific av
WALLA WALLA—Drumheller Co.
WHATCOM—Frizell, W. M.
Morse Hdw. Co.

WEST VIRGINIA.

CHARLESTON—Burlew, N. S.
Charleston Hdw. Co.
Goshorn & Co.
CLARKSBURG—Williams & Davidson Hdw. Co.
FAIRMONT—Amos, Geo. E. & Co.
Jacob & Hutchinson Hdw. Co.
HINTON—Hinton Hardware Co.
HUNTINGTON—Emmons, Hawkins Hdw. Co.
Foster Hardware Co.
Miller, C. H. Hdw. Co.
PARKERSBURG—Carruthers & Co.
Chancellor Hdw. Co.
Neal, R. L. & Co.
Niswander, G. W. Co.
Smith, W. H. Hdw. Co.
SUTTON—Lee, W. H.
WEST UNION—Kane & Keyser Hdw. Co.
WHEELING—Chapman, W. H. & Sons, 1218 Main
Greer & Laing, 1216 Main
Hiener Hardware Co., 1409 Market
Miller & Stein (Carriage & Blacksmiths)
Ott, Heiskell, 1206 Main
Snyder's, Jacob Sons, 1422 Main

WISCONSIN.

APPLETON—Galpin's, Alfred Sons
Schlafer Hdw. Co.
Tesch, Wm.
ASHLAND—Garnich, Emil
EAU CLAIRE—Brooks, S. C.
Schlegelmilch, H., Sr.
Schlegelmilch, H. F.
FOND DU LAC—Hughes, Jno.
Wegner, J. F. & Co.
GREEN BAY—Findeisen Bros.
Gotfredson Bros. Hardware Co.
Kimball, Alonzo
HURLEY—McConnell Hardware Co.
JANESVILLE—Bicknell Hdw. Co.
Lowell Hdw. Co.
Sheldon, A. H. & Co.
KENOSHA—Dewey, C. A.
LA CROSSE—Dittman, Fred'k
Kroner, Adam
Kroner, Fred Hardware Co.
Tausche, Vincent Hardware Co.
MADISON—Kronkcke Bros.
Sumner & Morris
MANITOWOC—Rand & Roemer Hardware Co.
Teitgen, Emil
MARSHFIELD—Kliner, Lang & Scharmann Co.
MILWAUKEE—Frankfurth, Wm. Hdw. Co. 119 W Water
Gross, Philip Hdw. Co., 126 Grand av
Hilgendorf, Kolloge & Co., 303 3d
Lindeman, A. J. & Hoverson Co., 223 Reed
Pritzlaff, John Hdw. Co., 41 W Water
Shadbolt & Boyd Iron Co., 129 W Water
NEENAH—Krueger, Wm. & Co.
Stroebel & Baumgarten
OSHKOSH—Hay Hdw. Co.
Leach, Frank Hdw. Co.
RACINE—Adams, E. B. & Son
Hoernel Hdw. Co.
Murphy & Kersten
RHINELANDER—**LEWIS HDW. CO.**
SHEBOYGAN—Geele, Frank Hdw. Co.
SUPERIOR—Bingham Hdw. Co.
Pease-Humphrey Hdw. Co.
Superior Hdw. Co.
WATERTOWN—Kusel, D. & F. Co.
WAUSAU—Baumann, G. H. R.
Montgomery Hdw. Co.

WYOMING.

CHEYENNE—Arp & Hammond Hdw. Co.
Wyoming Hdw. Co.
EVANSTON—Beeman & Cashin Mercantile Co.
LANDER—Rhein, W. H. & Co.
LARAMIE—Holliday, W. H. Co.
Laramie Grocery Co.
Laramie Hdw. Co.
SHERIDAN—Diefenderfer, A. & Co.
Hulse & Farnham

Harpoons

Falls Mfg. Co. (Improved "C. V."), San Francisco, Cal.

Harps (Trolley)

(See Trolley Line Materials.)

Harness (Contractors')

Hayden, P. Saddlery Hardware Co. (Scraper & Railroad & Supplies), Columbus, O.
Meyer, Bannerman & Co. (Harness & Supplies), 618 N 6th, St. Louis, Mo.
Sickles, J. B. Saddlery Co. (Harness & Supplies), 21st & Washington av, St. Louis, Mo.

Harrow Teeth Mfrs.

Babcock Mfg. Co., Leonardsville, N. Y.
Buffalo Steel Co. (Bessemer Steel), Tonawanda, N. Y.
Cambria Steel Co., Gautier Dept., Johnstown, Pa., & Arcade bldg, Phila., Pa.
Fuller & Johnson Mfg. Co., Madison, Wis.
Harrow Spring Co. (Spring), Kalamazoo, Mich.
Hench & Dromgold Co., York, Pa.
Herschel, R. Mfg. Co., Peoria, Ill.
Inland Steel Co. (Steel), 204 Dearborn, Chicago. Works, Chicago Heights, Ill., & Indian Harbor, Ind.
Lanz, M. & Sons, 101 S 29th, Pittsburg, Pa.
Mason, F. C. & Co. (Spring, Spike), St. Johns, Mich.
Munnsville Plow Co., Munnsville, N. Y.
Old Dominion Iron & Nail Works Co., Richmond, Va.
Parlin & Orendorff Co., Canton, Ill.
White, S. R. & Bro., Norfolk, Va.
Whitman & Barnes Mfg. Co., Akron, O.; 111 Chambers, N. Y., & Chicago, Ill.

Harrows (Disc)

Adriance, Platt & Co. ("New York"), Poughkeepsie, N. Y.
American Harrow Co., Detroit, Mich.
American Seeding Machine Co. (Gang & on Wheels), Main Office, Springfield, O.; Works, Louisville, Ky.; Macedon, N. Y., & Richmond, Ind.
Ames Plow Co., Quincy Hall, Boston.
Avery, B. F. & Sons, Louisville, Ky.
Bement's, E. Sons, Lansing, Mich.
Benica Agricultural Works, Benica, Cal.
Bradley, David Mfg. Co., Bradley, Ill.
Brown, Geo. W. & Co., Galesburg, Ill.
Bucher & Gibbs Plow Co. (also Cut Out Disc), Canton, O.
Buffalo- Pitts Co., Buffalo, N. Y.
Case, J. I., Plow Works (Racine), Racine, Wis.
Chapinville Wheel Co. (New York), Poughkeepsie, N. Y.
Cutaway Harrow Co., Higganum, Conn.
Daley, M. H., Charles City, Ia.
Deere & Mausur Co., Moline, Ill.
Deuscher, H. P. Co., Hamilton, O.
Emerson Mfg. Co. (Emerson, Sandow), Rockford, Ill.
Farquhar, A. B. Co. (Ltd.), York, Pa.
Fountain City Drill Co., La Crosse, Wis.
Fuller & Johnson Mfg. Co., Madison, Wis.
Gale Mfg. Co. (Steel Frame Single or Double Lever), Albion, Mich.
Grand Detour Plow Co., Dixon, Ill.
Haish Mfg. Co., De Kalb, Ill.
Janesville Machine Co. (Budlong), Janesville, Wis.
Johnston Harvester Co., Batavia, N. Y.
Keystone Mfg. Co., Sterling, Ill.
Kingman & Co., Peoria, Ill.
La Crosse Plow Co. (Bulldog), La Crosse, Wis.
McLean, Roderick Mfg. Co., Mansfield, O.
Lehr Agricultural Co., Fremont, O.
Long & Allstater Co. ("Hamilton"), Hamilton, O.
Luthy & Co., Peoria, Ill.
McSherry Mfg. Co., Middletown, O.
Maryland Sheet & Steel Co., Cumberland, Md.
Moline Plow Co., Moline, Ill.
Morrison Mfg. Co., Fort Madison, Ia.
Ohio Cultivator Co., Bellevue, O.
Ohio Rake Co., Dayton, O.
Osborne, D. M. & Co. (Steel Weight Boxes, etc.), Auburn, N. Y.
Parlin & Orendorff Co. (Canton), Canton, Ill.
Patten, Frank C. Co., Sycamore, Ill.
Pekin Plow Co., Pekin, Ill.
Peru Plow & Wheel Co., Peru, Ill.
Rock Island Plow Co. (with Drilling Seeder Attachment), Rock Island, Ill.
St. Joseph Plow Co., St. Joseph, Mo.
Sattley Mfg. Co., Springfield, Ill.

Sears, Albert H. & Co., Plan, Ill.
Standard Harrow Co. (Model), Utica, N. Y.
Sterling Mfg. Co., Sterling, Ill.
Stoddard Mfg. Co., Dayton, O.
Sucker State Drill Co., Belleville, Ill.
Sulky Disc Harrow Mfg. Co., Madison, Wis.
Syracuse Chilled Plow Co. (Steel Frame), Syracuse, N. Y.
Thomas Mfg. Co., Springfield, O.
Thompson, J. & Sons Mfg. Co., Beloit, Wis.
Toledo Plow Co., Toledo, O.
Wiard Plow Co., Batavia, N. Y.

Harrows (Spading)

Bement's, E. Sons (Morgan), Lansing, Mich.
Bucher & Gibbs Plow Co. (Imperial), Canton, O.
Chapinville Wheel Co. (New Yorker), Poughkeepsie, N. Y.
Deere & Mansur Co., Moline, Ill.
Janesville Machine Co. (Budlong), Janesville, Wis.
Parlin & Orandorff Co. (Canton), Canton, Ill.
Wiard Plow Co. (Morgan), Batavia, N. Y.

Harrows (Spring Tooth)

Adriance, Platt & Co. (Wheel & Wheel Riding), Poughkeepsie, N. Y.
Albridght, James H. & Sons, Mifflinburg, Pa.
Alien, S. L. & Co., Philadelphia, Pa.
American Harrow Co., Detroit, Mich.
American Seeding Co., Main office, Springfield, O. Works: Louisville, Ky.; Macedon, N. Y., Richmond, Ind.
Babcock Mfg. Co., Loenardsville, N. Y.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Bement's, E. Sons, Lansing, Mich.
Bucher & Gibbs Plow Co., Canton, O.
Buffaio Pitts Co., Buffalo, N. Y.
Davison Harrow Co., Utica, N. Y.
Farquhar, A. B. Co., York, Pa.
Gale Mfg. Co., Albion, Mich.
Hartford Plow Works, Hartford, Wis.
Heebner & Sons, Lansdale, Pa.
Hench & Dromgold Co., York, Pa.
Hoke Mfg. Co., South Bend, Ind.
Howland Mfg. Co., Pontiac, Mich.
Johnson Harvester Co. (Perry), Batavia, N. Y.
Keystone Farm Machine Co., York, Pa.
Kingman & Co., Peoria, Ill.
Lean, Roderick Mfg. Co. (Alslo Spike Tooth), Mansfield, O.
Lovejoy, H. H. & Son, Cambridge, N. Y.
Merrill, Freeman C., South Paris, Me.
Molitor, North & Moyers, Lansing, Mich.
Ohio Rake Co. (Quail Steel & Advance Wood), Dayton, O.
Osborne, D. M. & Co., Auburn, N. Y.
Patten & Stafford, Canastota, N. Y.
Spangler Mfg. Co., York, Pa.
Standard Harrow Co., Utica, N. Y.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Thomas Mfg. Co., Springfield, O.
Williams Mfg. Co., Kalamazoo, Mich.

Harrows & Pulverizers

Adriance, Platt & Co. (Peg & Spring Tooth with or without Seat), Poughkeepsie, N. Y.
Allen, S. L. & Co., 1017 Market, Phila., Pa.
American Harrow Co., Detroit, Mich.
American Seeding Co. (Spike & Spring Tooth Lever, etc.), Main office, Springfield, O. Works, Louisville, Ky.; Macedon, N. Y., & Richmond, Ind.
Ames Plow Co., Quincy Hall, Boston, Mass.
Anderson Co., Little Falls, Minn.
Austin-Bryan Mfg. Co., Birmingham, Ala.
Avery, B. F. & Sons (Lever, Spike Tooth), Louisville, Ky.
Bailey, Nichols & Co. (Nichols Roller Harrow), Delevan, Ill.
Barley, Thos. K., Sedalia, Mo.
Bateman Mfg. Co. (Iron Age), Grenloch, N. J.
Bechtolt, Geo. E., Urbana, O.
Belcher & Taylor Agl. Tool Co. (Eclipse Weed Harrow, Yankee Pulverizer, Share's Coulter Harrow, etc.). Chicopee Falls, Mass.
Benicia Agricultural Works (Benicia, Peerless & Eureka), Benicia, Cal.
Billups, C. Son & Co., Norfolk, Va.
Bradley, David Mfg. Co. (U Bar Lever, Gas Pipe Frame), Bradley, Ill.
Brown, Geo. W. & Co. (Lever Pipe, U Bar & Wood), Galesburg, Ill.
Brown Mfg. Co., Zanesville, O.
Bucher & Gibbs Plow Co. (Imperial Lever Spike Tooth, Spring Tooth, Wood Bar, etc.), Canton, O.
Buckley, R. C., Peoria, Ill.
Buffalo Pitts Co. (Spike Tooth), Buffalo, N. Y.
Case, J. I. Plow Works (Critic & Case, Lever, Scotch), Racine, Wis.
Champion Thresher Co., Orrville, O.
Clayton, John Plow Works Co. (Steel Lever, Wood, etc.), Minneapolis, Minn.
Clipper Chilled Plow Co., Elmira, N. Y.
Collins Plow Co. (Quincy Lever, Steel U Bar), Quincy, Ill.
Cutaway Harrow Co., Higganum, Conn.
Daley, M. H., Charles City, Ia.
Deere & Co. (Zigzag, Deer Lever, Ajax, Scotch), Moline, Ill.
Deuscher, H. P. Co. (McColm Pulverizer), Hamilton, O.
Donaldson Bros. (Spike Tooth), Mt. Clements, Mich.
Dowden Mfg. Co. (Weed Harrow), Prairie City, Ia.
Dunham, J. W. & Son, Berea, O.
Eagle Mfg. Co., Kansas City, Mo.
Eaton Plow Works (V. A. Stookey & Son, Props.), Pickneyville, Ill.
Emerson Mfg. Co., Rockford, Ill.
Empire Plow Co., Cleveland, O.
Evans, A. C. Mfg. Co. (U Bar), Springfield, O.
Farquhar, A. B. Co., Ltd. (Spring Tooth, etc.), York, Pa.
Fond-du-Lac Implement Co., Fond-du-Lac, Wis.
Fountain City Drill Co. (Steel Lever), La Crosse, Wis.
Fuller & Johnson Mfg. Co. (Boss, Bonanza Lever, U & Pipe Bar), Madison, Wis.
Fulton Machine Co. (Cyclone Soil Pulverizer). Canal Fulton, O.
Gale Mfg. Co. (Spring Tooth Steel & Lever Harrows, Spike Tooth, Steel U Bar), Albion, Mich.
Genesee Valley Mfg. Co. (Fargo V Tooth), Mt. Morris, N. Y.
Grand Delour Plow Co. (Pipe Beam, U Bar, Angle Bar, Wood & Steel), Dixon, Ill.
Greencastle Mfg. Co. (Perry Pattern), Greencastle, Pa.
Haish Mfg. Co., De Kalb, Ill.
Hartford Plow Works (Boss Lever, Angle Bar, Scotch), Hartford, Wis.
Hayes Pump & Planter Co. (Steel U Bar, Angle Bar or Pipe with Spike Tooth), Galva, Ill.
Hazen, W. S. & Marshall (Hazen, Scotch), Ripon, Wis.
Hench & Dromgold Co. (Spike Tooth, Steel & Wood Frame, Pulverizers, etc.), York, Pa.
Hickox, Mull & Hill Co. (Champion Pulverizer), Toledo, O.
Hoke Mfg. Co. (Lever Spike Tooth), South Bend, Ind.
Howell, R. R. & Co., Minneapolis, Minn.
Howland Mfg. Co., Pontiac, Mich.
Hudson, S. T. (Hudson, Four-in-One), Riverhead, N. Y.
Hunt, Helm, Ferris & Co., Harvard, Ill.
Janesville Machine Co. (Tubular Lever), Janesville, Wis.
Jeliff, C. O. & Co. (Meeker's Smoothing), Southport, Conn.
Johnson & Smith Co. (Steel), Austin, Minn.
Johnson Harvester Co. (Steel), Batavia, N. Y.
Kelier Mfg. Co., Sauk Center, Minn.
Keystone Farm Machine Co. (Spring & Spike Tooth), York, Pa.
Keystone Mfg. Co., Sterling, Ill.
Kingman & Co., Peoria, Ill.
Kingman Plow Co. (U Bar), Peoria, Ill.
La Crosse Plow Co. (Tubular, Zig-Zag, Steel & Wood Flexible & Wood Lever), La Crosse, Wis.
Lean, Roderick Mfg. Co. (All Steel Lever, Zig-Zag), Mansfield, O.
Lee Bros., Watertown, S. D.
Lehr Agricultural Co. (Peg Tooth, etc.), Fremont, O.
Lovejoy, H. H. & Son (Spike Tooth), Cambridge, N. Y.
McSherry Mfg. Co., Middletown, O.
MacGowan & Finigan Fdy. & Machine Co. ("M. & F." U. Bar Steel), Gay bldg, St. Louis, Mo.
Mead Hay Press Co., Pueblo, Col.
Merrill, Freeman, C., South Paris, Me.
Minneapolis Plow Works (Boss, Monitor, Scotch Steel Frame Lever), Minneapolis, Minn.
Moline Plow Co. (Steel Pipe Lever, U Bar Pulverizer, Moline, Ill.
Molitor, North & Moyers, Lansing, Mich.
Morrison Mfg. Co. (Steel Lever), Ft. Madison, Ia.
Nash, Duane, H. (Acme Pulverizer Harrow, Clod Crusher & Leveler), Millington, N. J.
New York Agricultural Co., 81 Fulton, New York & Boonton, N. J.
Ohio Cultivator Co. (Steel Lever, Cyclone Pulverizer), Believue, O.
Ohio Rake Co. (U Bar, Quail L Bar, Spike Tooth), Dayton, O.
Osborne, D. M. & Co. (Columbia & Junior Peg & Spring Tooth), Auburn, N. Y.
Parlin & Orendorff Co. (Canton Pipe Frame Lever & U Bar Lever Scotch & Smoothing, Rough Rider, Clod Crusher), Canton, Ill.
Partridge, B. F., Fergus Falls, Minn.
Patten, Frank C. Co., Sycamore, Ill.
Pekin Plow Co. (Lever & Disc), Pekin, Ill.
Peoria Implement Mfg. Co. (Rex Harrow & Pulverizer), Peoria, Ill.
Peru Plow & Wheel Co., Peru, Ill.
Peterson Mfg. Co. (Imperial Pulverizer), Kent, O.
Phoenix Foundry & Mfg. Co. (Parker's Pulverizers), Ripley, O.
Pounder, G. H. (Pounder Flexibie, Ft. Atkinson, Wis.
Reed & Rogers (Scotch), Vernon, Ind.
Richmond Plow Co., Richmond, Ind.
Ripson, Wm. & Son, Youngstown, N. Y.
Rock Island Plow Co. (Steel & Wood Lever, Flexible, Boss), Rock Island, Ill.
Rockford Mfg. Co. (Steel & Wood Lever), Rockford, Ill.
Rowell, I. B. & Co. (Scotch), Menomitnee Falls, Wis.
St. Joseph Plow Co. (Scotch, Channel & Pipe or Tap Bar Steel Spike Tooth), St. Joseph, Mo.
Sargent, S. R. & Co. (New England Smoothing), Castleton, Vt.
Sattley Mfg. Co. (Lever), Springfield, Ill.
Savannah Implement Co. (Harrows), Savannah, Mo.
Sears, Albert H. Co., Plano, Ill.
Seachler, D. M. Carriage Co. (Black Hawke Pulverizer), Moline, Ill.
Selby, Starr & Co., Peoria, Ill.
South Bend Chilled Plow Co. (Smoothing, New Market 14 Teeth), South Bend, Ind.
Southern Plow Co., Columbus, Ga.
Sparta Plow Works (Imperial U Bar), Sparta, Ill.
Standard Harrow Co. (Crescent & Superior Spike Tooth Lever), Utica, N. Y.
Star Mfg. Co. (Spike Tooth, U Bar), Carpentersville, Ill.
Sterling Mfg. Co. (Lever), Sterling, Ill.
Stoddard Mfg. Co., Dayton, O.
Sucker State Drill Co., Believille, Ill.
Sulky Disc Harrow Co., Madison, Wis.
Syracuse Chilled Plow Co. (Spring & Spike Tooth), Syracuse, N. Y.
Tait, F. B. Mfg. Co., Decatur, Ill.
Thomas Mfg. Co. (Spike Tooth), Springfield, O.
Thompson, J. & Sons Mfg. Co. (U. Bar, Steel Lever, Champion Pipe Bar)) Beloit, Wis.
Toledo Plow Co. (Spike or Spring Tooth), Toledo, O.
Tomasek & Nekola, La Crosse, Wis.
Tower, J. D. & Sons Co. (Pulverizer, Clod Crusher & Weed Exterminator), Mendota, Ill.
Towers & Sullivan Mfg. Co. (Roman & Ark Side Harrow), Rome, Ga.
Umbach, F. G., Athens, Ga.
Vaughn, O. C. Mfg. Co. (Flexible), Jefferson, Wis.
Ware, J. L. (Boss Steel Lever), Minneapolis, Minn
Whitman Agricultural Co., St. Louis, Mo.
WHITMAN & BARNES MFG. CO., Akron, O.; 111 Chambers, N. Y.; Chicago, Ill., & Syracuse, N. Y. (See adv. index, end of book)
Wiard Plow Co. (Cotton & Corn), Batavia, N. Y.
Wilder-Strong Implement Co., Monroe, Mich.
Zelisch, A. Theo. (Smoothing), Mayville, Wis.

Harvesters (Bean & Pea)

Acme Harvester Co., Peoria, Ill.
American Grass Twine Co., St. Paul, Minn.
Allen, S. L. & Co., 1017 Market, Phila., Pa.
American Harrow Co., Detroit, Mich.
Arnold's, G. W. Son, Ionia, Mich.
Beach Mfg. Co., Lyons, Mich.
Bidwell, Chas. H., Batavia, N. Y.
Caledonia Bean Harvester Works, Caledonia, N. Y.
Cardwell Machine Co., Richmond, Va.
Clore's, Wm. Sons (Pea), Rising Sun, Ind.
Farmers' Handy Wagon Co., Saginaw, Mich.
Gale Mfg. Co., Albion, Mich.
Howland Mfg. Co., Pontiac, Mich.
Lehr Agricultural Co., Tremont, O.
Le Roy Plow Co., Le Roy, N. Y.
Munnsville Plow Co., Munnsville, N. Y.

Ohio Cultivator Co., Bellevue, O.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Rowell, J. S. Mfg. Co., Beaver Dam, Wis.
Wettlaufer, Ratz Mfg. Co., Cass City, Wis.
Wiard Plow Co. (The Universal), Batavia, N. Y.

Harvesters (Combined)

Best Mfg. Co., San Leandro, Cal.
Holt Mfg. Co., Stockton, Cal.
Houser & Haines Mfg. Co., Stockton, Cal.

Harvesters (Corn)

Adriance, Platt & Co. (Also Rear Discharge & Elevator Binders), Poughkeepsie, N. Y.
Aultman, Miller & Co., Akron, O.
Bennett, H. L. & Co., Westerville, O.
Blue Valley Mfg. Co., Manhattan, Kan.
Deering Harvester Co., Chicago, Ill.
Empire Foundry & Harvester Works, Marysville, Cal.
Fleming & Sons Mfg. Co., Huntsville, Mo.
Foos Mfg. Co., Springfield, O.
Hickox, Mull & Hill Co., Toledo, O.
Johnston Harvester Co., Batavia, N. Y.
Kansas City Hay Press Co., Kansas City, Mo.
Lehr Agricultural Co., Fremont, O.
McCormack Harvesting Machine Co., Chicago, Ill.
Milwaukee Harvester Co., Milwaukee, Wis.
Osborne, D. M. & Co., Auburn, N. Y.
Plano Mfg. Co., Chicago, Ill.
Standard Harrow Co., Utica, N. Y.
Stevens Mfg. Co., Joliet, Ill.
Wellbaum Bros., Brookville, O.
Wood, Walter A., Mowing & Reaping Machine Co., Hoosick Falls, N. Y.

Harvesters (Rice)

Aultman, Miller & Co., Akron, O.
Deering Harvester Co., Chicago, Ill.
Johnston Harvester Co., Batavia, N. Y.
Osborne, D. M. & Co., Auburn, N. Y.
Warder, Bushnell & Glessner Co., Springfield, O.

Hasps & Staples

(See also Staples.)

Brewer Bros., 614 Filbert, Phila., Pa.
Corbin Cabinet Lock Co., New Britain, Conn.
Cronk & Carrier Mfg. Co., Elmira, N. Y.
Griffin Mfg. Co. (Also Wrought Steel Hinge Hasps), Erie, Pa.
Humason & Beckley Mfg. Co., New Britain, Conn.
Lawrence Bros. (Wrought Iron), Sterling, Ill.
Ney Mfg. Co., Canton, O.
Racine General Mfg. Co., Racine, Wis.
Reading Hardware Co. (Wrought Iron), Reading, Pa.; New York, Philadelphia & Chicago
STANLEY WORKS (Wrought Crate for Berry Boxes, etc.), New Britain, Conn., & 79 Chambers, New York. (See adv. index, end of book)
Vaughan & Bushnell Mfg. Co., 877 Carroll av, Chicago
Wheeling Hinge Co., Wheeling, W. Va.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)

Hatch Door Irons (Automatic)

Stevens, Wm. (Est. of), 1226 Howard, Phila., Pa.

Hatch Doors (Automatic)

Bardsley Bros., 151 Baxter, N. Y.
Beckwith Elevator Co., 123 Pearl, Boston, Mass.
Burdett-Rowntree Mfg. Co., 76 W Jackson boul, Chicago, Ill., & 17 Battery pl, New York
Lagerquist, Gust., 18 1st av, N Minneapolis, Minn.
Sedgwick Machine Works, 110 Liberty, New York, & Poughkeepsie, N. Y
SPEIDEL, J. G., c Buttonwood & Gordon, Reading, Pa. (See adv. index, end of book)
Underwriters Hatch Door Co., 58 N Jefferson, Chicago, Ill.
U. S. ELEVATOR CO., 216 Dock, Phila., Pa. (See adv. index, end of book)
Victor Mfg. Co. (Fusible Link), Newburyport, Mass.
WARNER ELEVATOR MFG CO., Spring Grove av, Alfred & Valley, Cincinnati O. (See adv. index, end of book)
WARSAW ELEVATOR CO., Warsaw, N. Y., & Erie Co. B'k bldg, Buffalo, N. Y. (See adv. index, end of book)
Webb, J. R. (Excelsior), 414 Bleecker, N. Y.
Welchans, A. C., 202 W James, Lancaster, Pa.

Hatch Doors (Automatic in Case of Fire Only)

Burdett-Rowntree Mfg. Co., 76 W Jackson boul, Chicago, Ill., & 17 Battery pl, New York
Reedy, H. J. Co. (Fusible Link in case of Fire), Cincinnati, O.
Richmond Safety Gate Co., Richmond, Ind.
Underwriters Hatch Door Co. (Electric), 58 N Jefferson, Chicago, Ill.

Hatch Gates (Automatic)

(See Elevator Gates, Automatic.)

Hatchet Mfrs.

American Axe & Tool Co. (All Kinds), Glassport, Pa., 253 B'way, N. Y.
Arcade Mfg. Co. (Boys, Toy, etc.), Freeport, Ill.
Black, H. B. & Co., Chester, Pa.
Bradley's, G. W. Sons, Westport, Conn.
Chantrell Tool Co. (Cast Iron & Steel), Reading, Pa.
Collins Co., Collinsville, Conn., & 212 Water, N. Y.
Evansville Tool Works (All Kinds), Evansville, Ind.
Findley Axe & Tool Co., Findlay, O.
Franklin Specialty Co. ("Clark" Nickel Plated), Reading, Pa.
Gleason & Allen, Plymouth, Conn.
Hammond, C. & Son (All Kinds), Ogontz, Pa.
Harding Edge Tool Co., c McWhorter & Oliver, Newark, N. J.
Mack & Co., Rochester, N. Y.
Mason & Parker, Winchendon, Mass.
NATIONAL SUPPLY CO. (Cast Iron), 7 W Lombard, Baltimore, Md. (See adv. index, end of book)
North Wayne Tool Co. (the "Karadam," Tobacco, etc.), Hallowell, Me.
Peck Edge Tool Co. (All Kinds), Cohoes, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn., & 27 Murray, New York
Philadelphia Steel & Iron Co. (Carpenters), Fkd, Phila., Pa.
Phoenix Hardware Mfg. Co., Homer, N. Y.
Plumb, Fayette R., c Tucker & Trenton avs, Phila., Pa.
United States Edge Tool Co., Cattaraugus, N. Y.
White, L. & I. J. Co., c Perry & Columbia, Buffalo, N. Y.
Wiebusch & Hilger (Ltd.), 13 Murray, N. Y.
Williams, A. C., Ravenna, O.
Williams, C. A. & Co., Skowhegan, Me.
Wrightsville Hdw. Co., Wrightsville, Pa.

Haulage Plants

MACOMBER & WHYTE ROPE CO., 21 S Canal, Chicago, Ill., & 131 Worth, New York. (See adv. index, end of book)

Hay Racks (Folding)

Folding Hay Rack Co., Sodus, N. Y.

Headers (Fruit Can)

Ayars' Machine Co. ("Merriam"), Salem, N. J.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. (See adv. index, end of book)

Headers (Rivet)

(See Rivet Heading Machines)

Headers (Rod)

Automatic Machine Co., Bridgeport, Conn.
Manville, E. J. Machinery Co., Waterbury, Conn.
National Machinery Co., Tiffin, Ohio
Wilson, J. E., 145 Stratford av, Bridgeport, Conn.

Headers (Wire)

Blake & Johnson, Waterbury, Conn.

Headers (Wood Screw)

Cook, Asa S. Co., Hartford, Conn.

Headlights (Acetylene Gas)

Adams & Westlake, Ontario c N Franklin, Chicago, Ill., 2042 N 10th, Phila., Pa., & 26 Cortlandt, N. Y.
Rushmore Dynamo Works, Plainfield, N. J.

Headlights (Acetylene Generators for)

MacLeod, Walter & Co., 463 E Front, Cincinnati, O.

Headlights (Arc)

Dayton Mfg. Co. ("Wagenhals," "Moser," "Wellman," "Eureka" & "Rex"), Dayton, O.
Kraushaar Brass Mfg. Co., St. Louis, Mo.
St. Louis Car Co. ("The "Anderson Smith"), 8000 N B'way, St. Louis, Mo.

Headlights (Electric)

(See also Headlights, Locomotive.)

American Union Electric Co., 15 Cortlandt, N. Y.
Adams & Westlake Co. (Arc), Ontario c N Franklin, Chicago, Ill.; 2042 N 10th, Phila., Pa., & 26 Cortlandt, N. Y.
Boesch Lamp Co., 585 Mission, San Francisco, Cal.
Brill, J. G. Co. (Electric Car), 62d & Woodland av, Phila., Pa.
Crouse-Hinds Electric Co., Syracuse, N. Y.
Dayton Mfg. Co. (Arc & Incandescent), Dayton, O.
Dewey, F. O. Co., 28 Canal, Boston, Mass.
General Electric Co., Schenectady, N. Y.
Morris Electric Co., 15 Cortlandt, N. Y.
Ohio Brass Co., Mansfield, O.
Pyle National Electric Headlight Co., Monadnock blk, Chicago
Rushmore Dynamo Works ("Lens Mirror"), Plainfield, N. J.
St. Louis Car Co. (Arc), 8000 N B'way, St. Louis, Mo.
Star Head Light Co., Rochester, N. Y.
Smith, Chas. G., 352 Pearl, New York
Wheeler, Reflector Co., 156 Pearl, Boston, Mass.

Headlights (Incandescent)

Dayton Mfg. Co. ("Kirby-Neal"), Dayton, O.
Kraushaar Brass Mfg. Co., St. Louis, Mo.

Headlights (Locomotive)

(See also Head Lights, Electric)

Adams & Westlake Co. (also Street & Interurban), Ontario & N Franklin, Chicago; 2042 N 10th, Phila., Pa., & 26 Cortlandt, N. Y.

Boesch Lamp Co., 585 Mission, San Francisco, Cal.
Dayton Mfg. Co., Dayton, O.
Dewey, F. O. Co., 28 Canal, Boston, Mass.
Dressel Railway Lamp Works, 3878 Park av, N. Y.
Edwards Railroad Electric Light Co. (Electric), Cincinnati, O.
Glazier Head Light Co., 7 Griffith, Rochester, N. Y.
Ham, C. T. Mfg. Co., 731 Oak, Rochester, N. Y.
Handlan-Buck Mfg. Co. (Handlan), 210 N 3d, St. Louis, Mo.
Kraushaar Brass Mfg. Co., 510 Elm, St. Louis, Mo.
N. Y. Electric Headlight & Train Lighting Co. ("The De Laval"), 52 B'way, N. Y.
Ohio Brass Co., Mansfield, Ohio
Pyle-National Elec. Headlight Co., Monadnock blk, Chicago, Ill.
Rochester Head Light Works, Rochester, N. Y.
Rushmore Dynamo Works (Acetylene Gas & Electric), Plainfield, N. J.
Russell & Watson, 145 Main, Buffalo, N. Y.
Schroder Headlight Co., Evansville, Ind.
Sherburne & Co., 53 Oliver, Boston, Mass.
Star Head Light Co., Rochester, N. Y.
U. S. Headlight Co., Buffalo, N. Y.
Wheeler Reflector Co., 156 Pearl, Boston, Mass.
Wilson, F. Cortez & Co. (Acetylene), 239 Lake, Chicago, Ill.

Headlights (Oil)

Adams & Westlake Co., Ontario c N Franklin, Chicago, Ill.; 2042 N 10th, Phila., Pa., & 26 Cortlandt, N. Y.

Heads (Boiler)

(See Boiler Heads, Flanged.)

Heads (Cutter)

American Woodworking Machine Co., 136 Liberty, N. Y.; 45 S Canal, Chicago, Ill.
Bentel & Margedant Co., Hamilton, O.
Ettinger Machine Co., Chester, Pa.
Fay, J. A. & Egan Co., c Front & John, Cincinnati, Ohio
Ideal Machine Co. (Quick Index), Hartford, Conn.
Moshannon Mfg. Co. (Varible), Philipsburg, Pa.
Philbrick, W. W., Seattle, Wash.
Power, L. & Co., 20 S 23d, Phila., Pa.
Shimer, Samuel J. & Sons (Expansion), Milton, Pa.
Smith, H. B. Machine Co., Smithville, N. J., & 121 Liberty, N. Y.
Stutzman, Cutter Head Co., Williamsport, Pa.
Thomson, W. S., 418 W 27th, N. Y.

Heads (Dado)

Atkins, E. C. & Co., Indianapolis, Ind.
Bentel & Margedant Co., Hamilton, O.
FOX MACHINE CO., 127 N Front, Grand Rapids, Mich. (See aduv. index, end of book)
Huther Bros., Rochester, N. Y.

Heads—Golf

Page-Storms Drop Forge Co. (Drop Forged Steel), Chicopee Falls & Springfield, Mass.

Heads (Hollow Augur)

Bentel & Margedant Co., Hamilton, O.

Heads (Index & Dividing)

Brown & Sharpe Mfg. Co., Providence, R. I.
Cincinnati Milling Machine Co., Spring Grove av & Alfred, Cincinnati, Ohio
Garvin Machine Co., 137 Varick, N. Y.
Pratt & Whitney Co., Hartford, Conn.

Heads (Piston)

Chester Steel Castings Co., Chester, Pa., & 407 Sansom, Phila., Pa.
Pratt & Letchworth Co., Buffalo, N. Y.

Heads (Planer)

Cruciblel Steel Co. of America (LaBelle Steel), Frick bldg, Pittsburg, Pa.; 71 B'way, N. Y., & 64 S Clinton, Chicago

Heads (Polishing)

Builders' Iron Foundry, Providence, R. I.
Goodell-Pratt Co. (Also Grinding), Greenfield, Mass.
Hanson & Van Winkle Co., Newark, N. J.; 30 S Canal, Chicago, & 136 Liberty, N. Y.
Zucker & Levett & Loeb Co., 526 W 25th, N. Y.

Heads (Screw Cutting Die)

American Tool Works Co., 6th & Eggleston, Cincinnati, O.
Geometric Drill Co. (Self-Operating & Adjustable), New Haven, Conn.
Maines Machine Co. (Self Opening & Adjustable), 931 Chestnut, Phila., Pa.
Modern Tool Co. (Self Opening), Erie, Pa.

Heaters (Asphalt)

(See also Machinery, Asphalt.)

CONTRACTORS' TOOL CO. (Portable), 706 Arch, Phila., Pa. (See adv. index, end of book)
Hooke, Robt., Chattanooga, Tenn.
Iroquois Iron Works, 178 Walden av, Buffalo, N. Y.
Koven, L. O. & Bro., 50 Cliff, N. Y.
Littleford Bros., 453 E Pearl, Cincinnati, O.
Lyman, W. C., 49 Michigan st., Chicago
MacLeod, Walter & Co., 463 E Front, Cin-
PRESSED STEEL TANK CO., 720 Hanover, Milwaukee, Wis. (See adv. index, end of book)
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)
Stuebner, G. L. Iron Works, Long Island City, N. Y.

Heaters (Barrel)

Chambers Patent Barrel Heater Co. (For Coopers), St. Louis, Mo.
Pekin Gas Heating & Mfg. Co. ("20th Century" for Coopers), Pekin, Ill.

Heaters (Bath)

(See Heaters, Water.)

Heaters (Car)

Baker, Smith & Co., 83 W Houston, N. Y.
Baker, Wm. C. (firm of), 143 Liberty, N. Y.
Brill, J. G. Co., 62d & Woodland av, Phila., Pa.
Chicago Car Heater Co., Monadnock blk, Chicago, Ill.
Consolidated Car Heating Co., 42 B'way, New York, & 413 N Pearl, Albany, N. Y.
Creamer, W. G. & Co., 96 John, N. Y.
Fuller-Warren Co., Milwaukee, Wis., & 86 Lake, Chicago, Ill.
Fuller & Warren Co., Troy, N. Y.
Gold Car Heating & Lighting Co., 17 Battery pl, New York
Griffing, A. A., Iron Co., Jersey City, N. J.
McGuire-Cummings Mfg. Co. ("Columbia"), 122 N Sangamon, Chicago, Ill.
Martin Car Heating Co., Fisher bldg, Chicago, Ill.
Safety Car Heating & Lighting Co., 160 B'way, N. Y.
Smith, W. A. & Co., 120 Champlain, Cleveland, Ohio
Spear, Jas. Stove & Heating Co. (Heating & Ventilating Combined), 1014 Market, Phila., Pa.
Wilks, S. Mfg. Co., 35th c Shields av, Chicago, Ill.

Heaters (Combination)

Barber Mfg. Co. (Hot Water & Hot Air), Ashtabula, O.
Barstow Stove Co. (Bay State), 210 Water, New York & Providence, R. I.
Boynton Furnace Co., 207 Water, N. Y.
Chicago Heater & Supply Co., 54 Dearborn, Chicago, Ill.
Cox, Abram, Stove Co., cor American & Dauphin, Phila., Pa.
Earley, Wm. (Hot Air, Hot Water & Steam), 1216 Ridge av, Phila., Pa.
Excelsior Steel Furnace Co., 38 W Monroe, Chicago, Ill.
Fuller-Warren Co., Milwaukee, Wis., & 86 Lake, Chicago, Ill.
Fuller & Warren Co., Troy, N. Y.
Giblin & Co., Utica, N. Y.
Hart & Crouse Co., Utica, N. Y.
Henderson, Frank, Troy, N. Y.
International Heater Co., Utica, N. Y.
Kohler Furnace & Steam Heating Co. Elmwood c Dunlow, Boston, Mass.
Magee Furnace Co., 38 Union, Boston, Mass.
Mahony Mfg. Co. (Water and Hot Air, Steam and Hot Air), Troy, N. Y.
Makin-Kelsey Heating & Mfg. Co., 1717 Chestnut, Phila., Pa.
March-Brownback Stove Co., Pottstown, Pa.
Monroe Foundry & Furnace Co., Monroe, Mich.
Mott, J. L., Iron Works (Hot Air & Hot Water), 84 Beekman, New York; Boston, Phila., & Chicago
Mueller, L. J. Furnace Co., Milwaukee, Wis.
Orr, Painter & Co. (Hot Air & Hot Water), Reading, Pa.
Portland Stove Foundry Co., Portland, Me.
Richardson & Boynton Co., 234 Water, N. Y.
Sheppard, Isaac A. & Co., 1801 N 4th, Phila., Pa.; Baltimore, Md., & 312 Pearl, N. Y.
Shriver, Fred'k, Sr., 116 Island, Grand Rapids, Mich.
Smith, Chas. Co. (Hot Air & Hot Water), 122 Lake, Chicago
Southard-Robertson Co., 257 Water, New York
Stamford Foundry Co. (Hot Air & Hot Water), Stamford, Conn.
Utica Heater Co., Utica, N. Y.
Walker & Pratt Mfg. Co., 33 Union, Boston, Mass.
White, Chas. H. & Co., 22 Bowker, Boston, Mass.

Heaters (Electric)

American Electrical lHeater Co. (For Cooking, Heating, etc.), Detroit, Mich.
Detroit Electric Co., 47 State, Detroit, Mich.
Hadaway Electric Heating & Engineering Co., 136 Liberty, N. Y.
Johns, H. W.-Manville Co., 100 William, New York, & Milwaukee, Wis.
McCay Engineering Co. (Radiator Heat), 107 E German, Baltimore, Md.
Simplex Electrical Co., 110 State, Boston, Mass.
United Electric Heating Co., Detroit, Mich.

Heaters (Electric Car)

Bay State Electric Heat & Light Co., 89 State, Boston, Mass.
Consolidated Car Heater Co., 42 B'way, New York, & Albany, N. Y.
Dorner Truck & Foundry Co., Logansport, Ind.
Gold Car Heating & Lighting Co., 17 Battery pl, N. Y.
Johns, H. W.-Manville Co., 100 William, New York, & Milwaukee, Wis.
New Century Car Heater Co., Jersey City, N. J.
Prometheus Electric Co., 39 Cortlandt, N. Y.
Railway & Electric Supply Co. (International), 115 B'way, N. Y.
St. Louis Electrical Supply Co., 1118 Pine, St. Louis, Mo.
Simplex Electric Heating Co., 110 State, Boston Mass.
Southern Electric Co., 203 E Fayette, Baltimore, Md.
Whittingham Electric Car Heating Co., Baltimore, Md.

Heaters (Electric Fan)

Bernstein Electric Mfg. Co., 286 Roxbury, Boston, Mass.
Simplex Electric Heating Co. (Enamel & Coil Spring), Cambridgeport Station, Boston, Mass.

Heaters (Feed Water)

Allis-Chambers Co. ("Reynlods"), New York Life bldg, Chicago, & 71 B'way, New York. Works: Chicago, Milwaukee & Scranton
Aurora Boiler Works, Aurora, Ill.
Baragwanath, Wm. & Son, 52 W Division, Chicago, Ill.
Bass Foundry & Mach. Co., Ft. Wayne, Ind.
Bates Machine Co. (Cookson), Joliet, Ill.
Berryman Heater Co., 125 N 4th, Phila., Pa.
Bonar, Jas. & Co. (The Pittsburg), Frick bldg, Pittsburg, Pa.
Bridgeport Boiler Works, Bridgeport, Conn.
Casey & Hedges Mfg. Co., Chattanooga, Tenn.
Colles, E. G. T. & Co., 42 S Clinton, Chicago, Ill.
Coulter & McKenzie Machine Co., Bridgeport, Conn.
Cox & Sons Co., 215 Race, Phila., Pa.
Davis, I. B. & Son (Berryman, Gleaner, Hartford & Advance), Hartford, Conn.
De Vries Bros., Passaic, N. J.
Duquesne Mfg. Co. ("Gunning," Mechanical Heater & Purifier), Frick bldg, Pittsburg, Pa.
Erie City Iron Works (Counter Current, etc.), Erie, Pa.
Erie Machine Shops, Erie, Pa.
Erie Mfg. & Supply Co. ("Hardwick & Riblet"), Erie, Pa
Excelsior Heater Co., 59 Townsend, Chicago, Ill
Flynn, W. S., 74 Hudson, Jersey City, N. J.
Foskett & Bishop Co., Grand & R. R. avs, New Haven, Conn.
Funk, M. Boiler Works Co., La Crosse, Wis.
Gem City Boiler Co., Dayton, O.
Goubert Mfg. Co., 85 Liberty, New York
Griffing, A. A., Iron Co., Jersey City, N. J.,
Harrisburg Pipe & Pipe Bending Co., Harrisburg, Pa.
Harrison Safetv Boiler Works, 17th & Allegheny av, Phila., Pa.
Hoppes Mfg. Co., Springfield, O.
Hussey, McCann & Co. (Compound Flue), 37 Dey, N. Y.
Jacobs, Charles & Co., 51 Oliver, Boston
Jarvis Engine & Machine Works (Lime & Oil Separating Heaters & Purifiers), Lansing, Mich
Kelley, B. F. & Son (Berryman's Feed Water Heater), 74 40th, Brooklyn, N. Y.
Kensington Engine Works (Ltd.), Beach & Vienna, Philadelphia, Pa.
Keystone Engine & Machine Works, 112 Drexel, Court, Phila., Pa.
Koven, L. O. & Bro., 50 Cliff, N. Y.
Kroeschell Bros. Co., (Heaters & Purifiers), Chicago, Ill.
Learmouth, Robt. (The Buffalo), White bldg, Buffalo, N. Y.
Lord, Bowler Co. (Copper Tube), 41 Center, Cleveland, O.
Marietta Boiler Works, Marietta, O.
MINNEAPOLIS STEEL & MACHINery Co., Minenapolis, Minn. (See adv. index, end of book)
Monitor Water Purifier Co., Lansing, Mich.
Murray, D. J. Mfg. Co., Wausau, Wis.
National Boiler Works, 60 Fulton, Chicago, Ill.
National Pipe Bonding Co., New Haven, Conn.
National Steam Economizer Co. ("Kellar," Purifier & Condenser & Hot Blast Device Combined), Norwich, Conn.
Nordberg Mfg. Co. (The Milwaukee), 476 Virginia, Milwaukee, Wis.
Nordyke & Marmon Co., Cincinnati, O.
Oakes, Wm. L., Decatur, Ill.
Patterson, Frank L. & Co. ("Patterson-Berryman"), 26 Cortlandt, New York
PETROLEUM IRON WORKS CO. ("Lowe"), Washington, Pa., & Farmers' Bank bldg, Pittsburg, Pa. (See adv. index, end of book)
Phoenix Iron Works Co., Meadville, Pa.
Pittsburg Feed Water Heater Co., Pittsburg, Pa.
Platt Iron Works Co., Dayton, O., & 93 Liberty, New York
Robertson, James L. & Sons, 204 Fulton, N. Y.
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)
Scranton Steam Pump Co. ("Lippincott" Copper Oil), Scranton, Pa.
Sims Co., Erie, Pa.
Sotter Bros., Pottstown, Pa.
Sprague Foundry & Mfg. Co., Council Bluffs, Iowa
Standard Steam Specialty Co. (Utility), 542 W B way, New York
Stewart Heater Co. (Open & Tubular; also "The Otis"), Buffalo, N. Y.
Taunton Locomotive Mfg. Co. (The "Wainwright"), Taunton, Mass.
Union Machine & Boiler Co. ("Adams"), 108 River, Cleveland, O.
Victor Mfg. Co., St. Louis, Mo.
Ward Heater Co., Detroit, Mich.
Webster, Warren & Co., Camden, N. J.
Wetherill, Robt. & Co., Chester, Pa.
Wheeler Condenser & Engineering Co. (& Multiple Effect), 42 B'way, New York
Whitlock Coil Pipe Co. ("American Standard," Copper Coil), Elmwood, Conn.
Wickes Bros., Saginaw, Mich.

Heaters (Fire Engine & Engine House)

American Fire Engine Co., Seneca Falls, N. Y.

Heaters (Fire Place)

Abendroth Bros., 109 Beekman, N. Y.
Bibb, B. C. Stove Co., 107 Light, Baltimore, Md.
Ideal Mfg. Co., 546 Franklin, Detroit, Mich.
Orr, Painter & Co., Reading, Pa.

Heaters (Gas)

(See Stoves & Heaters & Ranges, Gas)

Heaters (Gas, for Tool Tempering)

Brown & Sharpe Mfg. Co. (Drills, Punches, Chisels, etc.), Providence, R. I.

Heaters (Glue)

Dame & Townsend Co., 76 John, N. Y.
Dopp, H. Wm. & Son (Steam Jacketed), 522 Ellicott, Buffalo, N. Y.
HAMMACHER, SCHLEMMER & CO., 133 4th av, N. Y. (See adv. index, end of book)
Nason Mfg. Co., 71 Beekman, New York
Pancoast, Henry B. & Co., 243 S 3d, Phila., Pa.
PAXSON, J. W. CO., 1021 N' Delaware av, Phila., Pa. (See adv. index, end of book)
Towsley, John T. Mfg. Co. (Steam), Cincinnati, O.
Stuart & Peterson Co. (Steam), Burlington, N. J.
Weatherly & Pulte (Steam), Grand Rapids, Mich.

Heaters (Gravel)

(See Sand Heaters & Dryers.)

Heaters (Green House)

Kroeschell Bros. Co. (Steel Plate Boilers), 55 Erie, Chicago, Ill.

Heaters (Hot Water)

(See Heaters, Steam & Hot Water.)

Heaters (Oil)

(See Stoves & Heaters, Oil)

Heaters (Steam & Hot Water)

(Firms that manufacture Hot Water Heaters only are designated thus (hot water) between name and address.)

See also Heaters, Steam & Hot Water Trade Names; also Heating Contractors, Steam & Hot Water; also Steam Fitters' Supplies.

CALIFORNIA

SAN FRANCISCO—Grannis, J. G. & Co. (Hot Water), 565 Mission
Royal Heating Co., 617 Mission
Tay, Geo. H. Co., 49 1st
Wilson, Wm. F. Co. (Hot Water), 328 Stockton

COLORADO.

GLENWOOD SPRINGS—Clandon, Jos. A. I.

CONNECTICUT.

DANIELSON—Bradford, Thos.
ELMWOOD—Whitlock Coil Pipe Co. (Hot Water)
HARTFORD—Hartford Heating Co. (Hot Water), 278 Asylum
NEW HAVEN—Foskett & Bishop Co.
National Pipe Bending Co. (Hot Water)
NEW LONDON—Hopson & Chapin Mfg. Co. (Hot Water)
NORWICH—Kelley-Richmond Co.
Page Co.
Page, W. H. Boiler Co.
PUTNAM—Putnam Foundry & Machine Corpn.
WALLINGFORD—McCormick Heating Co.
WILLIMANTIC—Vanderman Plumbing & Heating Co.

DELAWARE.

WILMINGTON—Remington Machine Co.

ILLINOIS

BELVIDERE—Columbia Heating Co.
BUSHNELL—Wigert & Bradbury
CHICAGO—American Radiator Co. ("Ideal"), 282 Michigan av
Clow, Jas. B. & Sons, 342 Franklin
Columbia Heating Co., 40 Dearborn
Fuller-Warren Co., 86 Lake
GORTON & LINDGERWOOD CO., 84 Van Buren. (See adv. index, end of book)
Herbert, M. E. Heater Co., 240 Root
Illinois Malleable Iron Co., 30 W Monroe
International Heater Co. (of Utica, N. Y.), 48 Dearborn
Kellogg-Mackey-Cameron Co., 222 Lake
Morgan & Co., 40 Dearborn
Rubel & Co., 82 Lake
Wilks, S. Mfg. Co., 35th c Shields av
GALVA—Hayes Pump & Planter Co. (Hot Water)
Mulford Heater Co.
GIBSON CITY—Gibson Iron Works
KEWANEE—Kewanee Boiler Co.
Peters Pump Co.
MOLINE—Barnard & Leas Mfg. Co.
PEORIA—McAleenan Boiler Co.
O'Brien Bros.
ROCKFORD—America Heating Co.

INDIANA.

ANDERSON—Anderson Foundry & Machine Works
EVANSVILLE—Carmody, J. D.
Grote Mfg. Co. (Sectional)
INDIANAPOLIS—Knight & Jillson Co., 121 S Penn
TERRE HAUTE—Prox & Brinkman Mfg. Co.

IOWA

BURLINGTON—Murray Iron Works Co.
DES MOINES—Des Moines Mfg. & Supply Co., 121 Court av
Ideal Heating Co.
Turner & Brownlie
OSKALOOSA—Ideal Heating Co.
Iowa Mfg. Co.
Seevers Mfg. Co.
WEBSTER CITY—Webster City Steel Radiator Co.

MAINE.

PORTLAND—Portland Stove Foundry Co. (Hot Water)
WESTBROOK—Waterhouse, G. H. (Hot Water)

MARYLAND

BALTIMORE—Flynn & Emrich, 222 N Holliday
Greenmount Iron & Mfg. Co., 883 Greenmount av
Sheppard, Isaac A. & Co., Eastern av & Chester
Stevenson & Co. (Hot Water), 229 Holliday
Wood, W. E. Co., 18 N Howard
HAGERSTOWN—Hagerstown Heating Co.

MASSACHUSETTS

BOSTON—American Radiator Co. ("Ideal"), 44 Oliver
Blake & Andros, 28 Portland
Exeter Machine Works, 32 Oliver
Fish, Hindle, 23 Wash'n N
Gurney Heater Mfg. Co., 74 Franklin
Highland Foundry Co., 1341 Columbus av
Magee Furnace Co., 32 Union
Smith & Anthony Co., 48 Union
Smith & Thayer Co., 236 Congress
Thayer, Jas. M., 89 Pearl
Walker & Pratt Mfg. Co., 31 Union
Walworth Construction & Supply Co., 100 Pearl
White, Chas. H. & Co. (Hot Water), 22 Bowker
CHELSEA—International Heater Co. (of Utica, N. Y.)
GARDNER—Royal Steam Heater Co.
HAVERHILL—Mills & McClintock
QUINCY—Bates, G. B. Heating & Plumbing Co.
TAUNTON—Dighton Furnace Co.
Weir Stove Co.
White-Warner Co.
WESTFIELD—Smith, H. B. Co.
WORCESTER—Burnelle, Frank X., 10 Coburn av
Stewart Boiler Works, Albany c Muskeego

MICHIGAN.

DETROIT—American Radiator Co. ("'Ideal"), Chene & Belt Line R. R.
Dearing Water Tube Boiler Co., 551 Grand River av
Detroit Furnace & Heater Co., 251 Guoin
Detroit Heating & Lighting Co. (Hot Water, Bolton Hot Water Heater), Wight nr Leib
Peninsula Stove Co.
Smith, Peter Heater Co., 337 Montcalm av
Standard Foundry Co., 685 E Atwater
U. S. Heater Co., 251 Campbell av
KALAMAZOO—Humphrey Mfg. & Plating Co. (Hot Water)
MONROE—Monroe Foundry & Furnace Co. (Steam & Hot Water)
MUSKEGAN—Taylor Heating & Plumbing Co.
SAGINAW—Eureka Heating & Ventilating Co.

MINNESOTA.

MINNEAPOLIS — American Radiator Co. ("Ideal"), 204 S 4th
Andrews Heating Co. ("Andrews" Steel)
Porter, W. F. & Co., 521 2d av, S
ST. PAUL—South Park Foundry & Machine Co. (Hot Water), Gilfillan blk

MISSOURI

KANSAS CITY—Cotter-McKinley Plumbing & Heating Co., 923 E 12th
ST. LOUIS—Haynest & Laugenberg Mfg. Co., 2301 Lucas av
Sodermann Heat & Power Co., 1510 Clark av
Taylor, Wm. (Hot Water), 1325 Pine

NEW HAMPSHIRE.

EXETER—Exeter Machine Works

NEW JERSEY

BARTLEY—Bartley, R. C. & Co.
Bartley, Wm. & Son
FLEMINGTON—Allen & Van Nest Co.
JERSEY CITY—Griffing, A. A. Iron Co.
Plenty, Josephus, 143 Randolph av
NEWARK—Ball, Chas. C. & Co., 148 N. J. R. R. av
Drake, W. H., 36 Clinton
Soleau, E. R. Co. (Hot Water), 135 Halsey
Thatcher Furnace Co.
PATERSON—Columbia Heater Co.
PENNINGTON—Pennington Foundry Heater Co.

NEW YORK.

ALBANY—Bates, Edw. P. (of Syracuse, N. Y.), 310 B'way
Hunter, Jas. Heating & Contracting Co., 3 Church
Walsh, Jas. D., 40 Sheridan av
Weller, Anton, 566 B'way
BINGHAMTON—Adams, Vernon P.
Gaylord & Eitapence Co.
BUFFALO—American Radiator Co. ("Ideal")
Stewart Heater Co. (Exhaust or Live Steam or both), 389 Norfolk av
ELMIRA—Elmira Boiler Works
GENEVA—Catchpole Boiler Foundry & Machine Co.
Herendeen Mfg. Co.
New York Central Iron Works Co.
Vance Boiler Works
IRVINGTON—Lord & Burnham Co. (Hot Water)
MEDINA—Swett, A. L. Iron Works (Hot Water)
NEWBURGH—Coldwell-Wilcox Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Roys System Co., 1010 Gates av
Scollay, Jno. A.

Boroughs of Manhattan & Bronx

NEW YORK—Abendroth Bros., 109 Beekman
American Radiator Co. ("Ideal"), 44 E 20th
Baker, Smith Co., 483 W B'way
Baker, W. C. (firm of), 143 Liberty
Barstow Stove Co. (Hot Water) (of Providence, R. I.), 210 Water
Boynton Furnace Co., 207 Water
Fuller & Warren Co. (of Troy, N. Y.), 1133 B'way
Gold Car Heating & Lighting Co. (of Utica, N. Y.), 17 Battery pl
GORTON & LIDGERWOOD CO., 96 Liberty. (See adv. next page)
Graff Furnace Co., 208 Water
Harrisburg Mfg. & Boiler Co., 95 Liberty
Hart & Crouse Co. (of Utica, N. Y.), 235 Water
Herenden Mfg. Co. (of Geneva, N. Y.), 39 Cortlandt
Hitchings & Co. (Hot Water), 233 Mercer
International Heater Co. (of Utica, N. Y.), 237 Water
Johnson & Co., 104 John
Kay, W. H. Co., 244 Fulton
Lord & Burnham Co. (Hot Water), 1133 B'way
Model Heating Co., 89 Centre
Mott, J. L. Iron Works, 88 Beekman
Nason Mfg. Co., 71 Beekman
Newell Mfg. Co., 149 B'way
New York Central Iron Works Co. (of Geneva, N. Y.), 150 Nassau
Pierce, Butler & Pierce Mfg. Co. (of Syracuse, N. Y.), 254 4th av
Richardson & Boynton Co., 234 Water
Richardson Morgan Co., 92 Beekman
Rutzler, E., 127 White
Sheppard, Isaac A. & Co. (of Phila., Pa.), 312 Pearl
Smith, H. B. Co. (of Westfield, Mass.), 133 Centre
Thatcher Furnace Co., 240 Water
United States Heater Co. (of Detroit, Mich.), 129 Worth
Weathered Co., 46 Marion

(END OF NEW YORK CITY.)

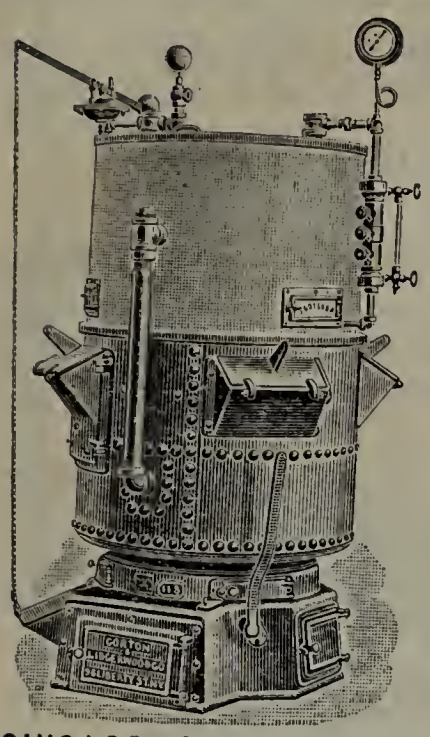
NORTH TONAWANDA — Armitage-Herschell Co.
OLEAN—Luther Mfg. Co.
ONEIDA—Warner's Safety Boiler Co.
ROCHESTER—Co-Operative Foundry Co.
Falls, F. H., 272 State
SYRACUSE—Bates, Edw. P., 228 W. Water
Pierce, Butler & Pierce Mfg. Co.
Syracuse Heater Co., 517 S. Clinton
TROY—Fuller & Warren Co., River c Monroe
Henderson, Frank, 329 River
Mahony Mfg. Co., 5th av & Liberty
West Side Foundry Co., 7 Watervliet
UTICA—Giblin & Co., 105 Broad
Hart & Crouse Co.
International Heater Co.
Utica Heater Co.

OHIO.

CANTON—McLain, J. H. Co.
Novelty Iron Co.
CINCINNATI—Amer. Radiator Co. ("Ideal"), 336 W 4th
CLEVELAND—Bartlett Bros. Co., 178 Huron
Cleveland Steam Boiler Works, 9 West
Mouat-Squires Co. (Hot Water), 41 Academy
DAYTON—Concord Mfg. Co.
Craig-Reynlds Foundry Co.
Dayton Supply Co., 439 1st
LORAIN—Lorain Heating & Mfg. CC.
MARTINS FERRY—Stanton Heater Co.
NORWALK—Ernsberger, H. K.
VERMILLON—Duplex Heating & Mfg. Co. (Hot Water)

PENNSYLVANIA.

CARBONDALE—Sperl Heater Co.
COATESVILLE—Coatesville Boiler Works
COLLEGEVILLE—Roberts Machine Co.
DOYLESTOWN—Rufe Bros.
EASTON—Norton, H. M. (Sectioanl Steam & Hot Water)
HARRISBURG—Harrisburg Mfg. & Boiler Co.
HUNTINGDON—Keystone Boiler & Radiator Co. (Hot Water)
LANDISVILLE—Monitor Steam Generator Mfg. Co. ("Monitor" Wrought Iron Coil Boilers, Low Pressure, Steam or Vapor & Hot Water)
LANSDALE—Heebner & Sons
MIDDLETOWN—Raymond Mfg. Co.
MT. JOY—Mt. Joy Steam Heater Co.
PHILADELPHIA—American Radiator Co. ("Ideal"), 622 Arch
Cox & Sons Co., 215 Race
Earley, Wm. (Portable Hot Water & Air & Hot Air & Steam), 1216 Ridge av
Kane, Wm. Mfg. Co., 1740 Market
Kensington Engine Works (Ltd.), (Hot Water Only), Beach c E Berks
Model Heating Co., 716 Arch
Monitor Steam Generator Mfg. Co., 49 N 7th
Sheppard, Isaac A. & Co., 1801 N 4th
Vapor Heating Co. ("Broomell's" Vapor System), 917 Arch
Wood, Jas. P. Heating Co., 39 S 4th
PITTSBURG—**SCAIFE, WM. B. & SONS** Co., 221 1st av. (See adv. index, end of book)
POTTSTOWN—March-Brownback Stove Co.
READING—Orr, Painter & Co. (Steam & Hot Water)
Prizer-Painter Stove & Heater Co.
Reading Radiator Co.
SCOTTDALE—Kenney & Co.

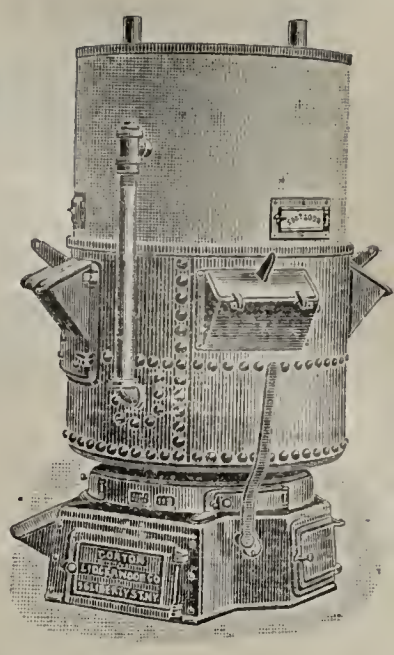


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TATAMY—Empire Heating Co.
THOMPSON—Spencer Heater Co.
TYRONE—Burley Heater Co.
UNION CITY—Union City Foundry Co.
WEST NEWTON—Blackmore Heating Co.
WILLIAMSPORT—Steel & Robinson Co.
WILMERDING—Cunningham, J. H.
YORK—Broomell, Schmidt, Steacy & Co. (Inc.)

RHODE ISLAND.

PROVIDENCE—Allen Fire Dept. Supply Co., Edy c Friendship
Barstow Stove Co. (Hot Water)

WASHINGTON.

SPOKANE—Arnold, Evans Co. (Steam & Hot Water), 107 E Howard

WISCONSIN.

MILWAUKEE—Bayley Heating Co., 131 Sycamore
Fuller-Warren Co., 32d c Wright
Kruse, Chas. B. Heating Co., 157 W. Water
Mooers, H. Co., 112 2d
Mueller, L. J. Furnace Co., 197 Reed
Schwab, R. J. & Sons Co., 271 Clinton
RACINE—Davis Heater Co. (Steam & Hot Water)
WEST DE PERE—Burns Boiler & Mfg. Co. (Steel Boilers)

Heaters (Steam & Hot Water, Trade Names)

(For address of firms consult Heaters (Steam & Hot Water).

(Heaters used for hot water solely are so designated.)

"A. & V."—Allen & Van Nest Co., Flemington, N. J.
"ACME"—Wm. Bartley & Son, Bartley, N. J.
"ADVANCE"—Hot Water—Pierce, Butler & Pierce Mfg. Co., Syracuse. N. Y.
"ALLEN"—Wm. Allen & Sons, Worcester, Mass.
"ALL RIGHT"—Wm. H. Page Boiler Co., Norwich. Conn.
"AMERICA"—America Heating Co., Rockford. Ill.
"AMERICAN"—Pierce, Butler & Pierce Mfg. Co., Syracuse, N. Y.
"AMERICAN"—Hot Water—Whitlock Coil Pipe Co., Elmwood. Conn.
"AMHERST"—Hot Water—McLain, J. H. Co., Canton, O.
"ANDRUS"—Hot Water—Abendroth Bros., New York
"AUBURN"—Steam & Hot Water—Utica Heater Co., Utica, N. Y.
"BAKER, SMITH & CO.'S"—Baker, Smith & Co., New York
"BARRETT"—Steam & Hot Water—Union City Foundry Co., Union City, Pa.
"BATES"—Edw. P. Bates, Syracuse, N. Y.
"BAY STATE"—Hot Water—Barstow Stove Providence, R. I.
"BERMUDA"—Hot Water—Co-Operative Foundry Co., Rochester, N. Y.
"BLAST"—J. H. McLain Co., Canton, O.
"BOLTON"—Hot Water—Detroit Heating & Lightning Co., Detroit, Mich.
"BOLTON, G. & J. B. IMPROVED"—Foskett & Bishop Co., New Haven, Conn.
"BOYNTON"—(Steam & Hot Water)—Boynton Furnace Co., New York
"BRIGHT IDEA"—Gurney Heater Mfg. Co., Boston, Mass.
"BRUNELLE"—F. X. Brunelle, Worcester. Mass.
"BURLEY"—Burley Heater Co., Tyrone, Pa.
"CALORIC"—Hopson & Chapin Mfg. Co., New London, Conn.
"CALORIC"—A. A. Griffing Iron Co., Jersey City, N. J.
"CAMBRIDGE"—Steam—J. H. McLain Co., Canton, O.
"CAPITAL"—Broomell's Patented Vapor System—Vapor Heating Co., Phila., Pa.
"CAPITOL"—Hot Water—U. S. Heater Co., Detroit, Mich.
"CARTON"—International Heater Co., Utica. N. Y.
"CATCHPOLE"—A. Catchpole & Co., Geneva. N. Y.
"CHAMPION"—The Thatcher Furnace Co.. New York
"COLUMBIA"—"Hennings"—Hot Water—Columbia Heater Co., Paterson, N. J.
"COLUMBIA"—Hot Water—McLain, J. H. Co.. Canton, O.
"COLUMBIA IMPROVED"—Hot Water—South Park Foundry & Machine Co., St. Paul. Minn.
"COLUMBIAN"—Supplee Steam Engine Co.. Columbia, Pa.
"COMFORT"—Steam & Hot Water—Thatcher Furnace Co., Newark. N. J
"COMMONWEALTH"—Hot Water—Walker & Pratt Mfg. Co., Boston, Mass.
"CORNELL"—Steam—J. H. McLain Co., Canton. O.
"COTTAGE"—H. B. Smith Co., Westfield Mass
"CRAWFORD"—Steam & Hot Water—Walker & Pratt Mfg. Co., Boston, Mass
"CRESCENT"—Blake & Andros, Boston, Mass.
"CROWN"—March-Brownback Stove Co.. Pottstown, Pa.
"CROWN GEM"—Johnson & Co.. New York
"DACK"—Hot Water—Hayes Pump & Planter Co.. Galva, Ill
"DAVIS"—Steam & Hot Water—Davis Heater Co., Racine, Wis
"DEFENDER"—Hot Water—Kewanee Boiler Co., Kewanee, Ill
"DEFIANCE"—Gurney Heater Co., Boston. Mass.
"D. H. L."—Detroit Heating & Lighting Co.. Detroit, Mich.
"DORIC"—Gurney Heater Mfg. Co., Boston, Mass.
"DOUBLE CROWN"—Hot Water—Gurner Heater Mfg. Co., Boston, Mass.
"DUNNING CLUB"—N. Y. Central Iron Works Co., Geneva, N. Y.
"DUPLEX SECTIONAL"—Newell Mfg. Co., New York
"EARLEY"—Earley, Wm., Phila., Pa.
"ECONOMY"—International Heater Co., Utica, N. Y.
"EMPIRE"—Empire Heating Co., Tatamy, Pa.
"EMPIRE—Steam & Hot Water—Thatcher Furnace Co., Newark, N. J.
"EQUATOR"—Walworth Construction & Supply Co., Boston, Mass.
"EQUATOR"—Nason Mfg. Co., New York
"EUREKA"—Eureka Heating & Ventilating Co., Saginaw, Mich.
"EXETER"—Exeter Machine Works, Boston, Mass.
"FLORAL"—Monroe Foundry & Furnace Co., Monroe, Mich.
"FLORENCE"—Columbia Heating Co., Chicago, Ill.
"FLORIDA"—Pierce, Butler & Pierce Mfg. Co., Syracuse, N. Y.
"F. & W. CO.'S"—Fuller & Warren Co., Chicago, Ill.
"FURMAN, JR."—Herendeen Mfg. Co., Geneva, N. Y.
"GALVA"—Hot Water—Mulford Heater Co., Galva, Ill.
"GEM"—Hot Water—Abendroth Bros., N. Y.
"GEM"—Johnson & Co., New York
"GEM TORRID"—W. H. Drake, Newark, N. J.
"GIANT TORRID"—W. H. Drake, Newark, N. J.
"GOLD SECTIONAL XL"—H. B. Smith Co., Westfield, Mass.
"GOLD'S SECTIONAL"—H. Mooers Co., Milwaukee, Wis.
"GORTON"—Gorton & Lidgerwood Co., New York
"GROTE"—Sectional—Grote Mfg. Co., Evansville, Ind.
"GULF STREAM"—Hot Water—Nason Mfg. Co., New York
"GURNEY"—Gurner Heater Mfg. Co., Boston, Mass.
"HARTFORD"—Hartford Heating Co., Hartford, Conn.
"HARVARD"—Hot Water—J. H. McLain Co., Canton, O.
"HAXTUN"—Steam—Kewanee Boiler Co., Kewanee, Ill.
"HECLA"—U. S. Heater Co., Detroit, Mich.
"HENDERSON"—J. C. Henderson & Co., Troy, N. Y.
"HENDERSON - THERMO" — Prizer-Painter Stove & Heater Co., Reading, Pa.
"HOPSON"—Hopson & Chapin Mfg. Co., New London, Conn.
"HORNET"—Steam & Hot Water—W. H. Page Boiler Co., Norwich, Conn.
"HOWARD"—International Heater Co., Utica, N. Y.
"HOWATT"—Josephus Plenty, Jersey City, N. J.
"HUB"—Smith & Anthony Co., Boston, Mass.
"HUMBER"—Hot Water—J. H. McLain Co., Canton, O.

"HUNTER'S"—Jas. Hunter, Troy, N. Y.
"IDEAL"—American Radiator Co., Chicago, Ill.
"IDEAL"—Steam & Hot Water—American Radiator Co., Chicago, Ill.
"IDEAL"—Hot Water—Pierce, Butler & Pierce Mfg. Co., Syracuse, N. Y.
"ILLINOIS"—Tank—Illinois Malleable Iron Co., Chicago, Ill.
"IMICO"—Steam & Hot Water—Illinois Malleable Iron Co., Chicago, Ill.
"IMPERIAL"—Gaylord & Eitapence, Binghamton, N. Y.
"IMPERIAL"—Utica Heater Co., Utica, N. Y.
"IMPERIAL SUNSHINE"—Orr, Painter & Co., Reading, Pa.
"INTERNATIONAL"—Luther Mfg. Co., Olean, N. Y.
"INVINCIBLE"—John A. Scollay, (Est. of), Brooklyn, N. Y.
"KERNAN"—International Heater Co., Utica, N. Y.
"KEWANEE"—Hot Water—Kewanee Boiler Co., Chicago, Ill.
"KEYSTONE"—Broomell, Schmidt & Co., Ltd., York, Pa.
"KEYSTONE"—Hot Water—Keystone Boiler & Radiator Co., Huntington, Pa.
"KEYSTONE"—Utica Heater Co., Utica, N. Y.
"LANSDALE"—Heebner & Sons, Lansdale, Pa.
"LA VILLE"—A. A. Griffing Iron Co., Jersey City, N. J.
"LEADER"—Hot Water—Putnam Foundry & Mach. Co., Putnam, Conn.
"LEHIGH"—Steam—McLain, J. H. Co., Can-
"LILY"—Rubel & Co., Chicago, Ill. ton, O.
"LITTLE GEM"—Hartford Heating Co., Hartford, Conn.
"LITTLE GIANT"—Giblin & Co., Utica, N. Y.
"LITTLE GIANT"—Hot Water—Pierce, Butler & Pierce Mfg. Co., Syracuse, N. Y.
"LORD & BURNHAM"—Hot Water—Lord & Burnham Co., Irvington, N. Y.
"McCORMACK"—Hot Water—McCormick Heating Co., Wallington, Conn.
"MAGEE"—Magee Furnace Co., Boston, Mass.
"MAHONY"—Mahony Mfg. Co., Troy, N. Y.
"MASCOT"—U. S. Heater Co., Detroit, Mich.
"MERCER"—H. B. Smith Co., Westfield, Mass.
"MILLS"—H. B. Smith Co., Westfield, Mass.
"MODEL"—Steam—Model Heating Co., Phila., Pa.
"MODERN"—Pierce, Butler & Pierce Mfg. Co., Syracuse, N. Y.
"MONARCH"—Hot Water—McAleenan Boiler Co., Peoria, Ill.
"MONARCH"—Steam & Hot Water—W. H. Page Boiler Co., Norwich, Conn.
'MONITOR"—Monitor Steam Generator Mfg. Co., Laudisville, Pa.
"MONOGRAM"—Hopson & Chapin Mfg. Co., New London, Conn.,
"MORGAN"—Morgan & Co., Chicago, Ill.
"MULFORD"—Mulford Heater Co., Galva, Ill.
"NEW COLUMBIA"—Steam & Hot Water—South Park Fdy. & Machine Co., Gilfillan blk, St. Paul, Minn.
"NEW LILY"—Hot Water—Rubel & Co., Chicago, Ill.
"NEW PROCESS"—Mouat-Squires Co., Cleveland, O.
"NONPAREIL"—E. Rutzler, New York
"NORTON"—Sectional—Steam & Hot Water—H. M. Norton, Easton, Pa.
"NOVELTY"—Hot Water—Model Heating Co., Phila., Pa.
"O. K."—H. B. Smith Co., Westfield, Mass.
"OUR OWN"—Hot Water—Broomell, Schmidt Steacy & Co., York, Pa.
"OUR OWN"—Steam & Hot Water—Novelty Iron Co., Canton, O.
"OUR OWN"—Novelty Iron Co., Canton, O.
"OXFORD"—Steam—J. H. McLain Co., Canton, O.
"PAGE SECTIONAL"—W. H. Page Boiler Co., Norwich, Conn.
"PALACE KING"—International Heater Co., Utica, N. Y.
"PALACE QUEEN"—International Heater Co., Utica, N. Y.
"PARAGON"—Isaac A. Sheppard & Co., Phila., Pa.
"PEASE ECONOMY"—International Heater Co., Utica, N. Y.
"PENINSULAR"—Hot Water—Peninsular Stove Co., Detroit, Mich.
"PENNINGTON"—Steam—A. B. M. Pennington Foundry Co., Pennington, N. J.
"PENTECOST"—Allen Fire Dept. Supply Co., Providence, R. I.
"PEQUOT"—Hopson & Chapin Mfg. Co., New London. Conn.
"PERFECT"—Hot Water—Pierce, Butler & Pierce Mfg. Co., Syracuse, N. Y.
"PERFECT GEM"—Abendroth Bros, New York
"PLENTY"—Hot Water—Josephus Plenty, Jersey City, N. J.
"PLUMMER"—Putnam Foundry & Machine Co., Putnam, Conn.
"POSITIVE——Hot Water—Monitor Steam Generator Mfg. Co., Phila., Pa.
"PRINCETON"—Hot Water—J. H. McLain Co., Canton, O.
"REMINGTON"—Remington Machine Co., Wilmington, Del.
"RICHARDS & SHIPLEY"—Elmira Boiler Wks., Elmira, N. Y.
"RICHMOND"—Steam & Hot Water—Kelley-Richmond Co., Norwich, Conn.
"ROBERTS"—Roberts Machine Co., Collegeville, Pa.
"ROSSMORE"—Steam & Hot Water—Thatcher Furnace Co., Newark, N. J.
"ROYAL"—Hart & Crouse Co., Utica, N. Y.
"ROYAL"—Royal Steam Heater Co., Gardner, Mass.
"ROYAL TORRID"—W. H. Drake, Newark, N. J.
"ROYS"—W. E. Roys, Brooklyn, N. Y.
"SAFETY JUNIOR"—Steel & Robinson Co., Williamsport, Pa.
"SANDOW"—Hot Water—J. H. McLain Co., Canton, O.
"SCOLLAY"—John A. Scollay (Est. of), Brooklyn, N. Y.
"SEEVERS"—Seevers Mfg. Co., Oskaloosa, Ia.
"SOLEAU"—E. R. Soleau Co., Newark, N. J.
"SOLEIL"—Pierce, Butler & Pierce Mfg. Co., Syracuse, N. Y.
"SOTTER'S"—Sotter Bros., Pottstown, Pa.
"SPENCE"—Pierce, Butler & Pierce Mfg. Co., Syracuse, N. Y.
"SPENCER"—Hot Water—Spencer Heater Co., Thompson, Pa.
"SPERL"—Sperl Heater Co., Carbondale, Pa.
"STERLING"—Hot Water—Thatcher Furnace Co., Newark, N. J.
"SPOKANE"—Hot Water—Arnold-Evans Co., Spokane, Wash.
"STANDARD"—Giblin & Co., Utica, N. Y.
"STAR"—Harrisburg Mfg. & Boiler Co., Harrisburg, Pa.
"STAR" (Gas Burner)—Harrisburg Mfg. & Boiler Co., Harrisburg, Pa.
"SUFFOLK"—Steam—Blake & Andros, Boston, Mass.
"SUN"—Raymond Mfg. Co., Middletown, Pa.
"SUNRAY"—J. L. Mott Iron Works, New York
"SUNSHINE"—Prizer-Painter Stove & Heater Co., Reading, Pa.
"SUNSHINE"—Iowa Mfg. Co., Oskaloosa, Ia.
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"TABASCO"—Hot Water—Kewanee Boiler Co., Kewanee. Ill.
"TAYLOR'S"—Hot Water—William Taylor, St. Louis. Mo.
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"THAYER"—Blake & Andros, Boston, Mass.
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"TORRENT"—F. H. Falls, Rochester, N. Y.
"TORRID"—W. H. Drake, Newark, N J.
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"TRIUMPH"—Hot Water & Steam—Craig-Reynolds Foundry Co., Dayton, O.
"TROPIC"—Hot Water—Pierce, Butler & Pierce Mfg. Co., Syracuse, N. Y.
"TUBULAR"—J. H. McLain Co., Canton, O.
"TWENTIETH CENTURY"—Steam & Hot Water—Morgan & Co., Chicago, Ill.
"UNIQUE"—Gas—Crane, W. M. Co., New York
"VANCE"—Vance Boiler Works, Geneva, N. Y.
"VANDERMAN"—Vanderman Plumbing & Heating Co., Willimantic, Conn.
"VICTOR"—Richmond Co., Norwich, Conn.
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"WINCHESTER"—Steam & Hot Water—Smith & Thayer Co., Boston, Mass.
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"WINTHROP"—Hot Water—Dighton Furnace Co., Taunton, Mass.
"YALE"—Hot Water—J. H. McLain Co., Canton, O.
"ZENITH"—Coatesville Boiler Works, Coatesville, Pa.
"ZENITH"—Singer, F. O. & Co., Baltimore, Md.

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FAIRBANKS, MORSE & CO. (Galvanized Steel), Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av., St. Louis; 1217 Union av., Kansas City, Mo.; 234 E. 3d., St. Paul; 220 Nicollet av., Minneapolis: 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
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Kelly Foundry & Machine Co., Goshen, Ind.

Heaters (Tar)

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Littleford Bros., 453 E Pearl, Cinn., O.
Lyman, W. C., 49 Michigan, Chicago, Ill.

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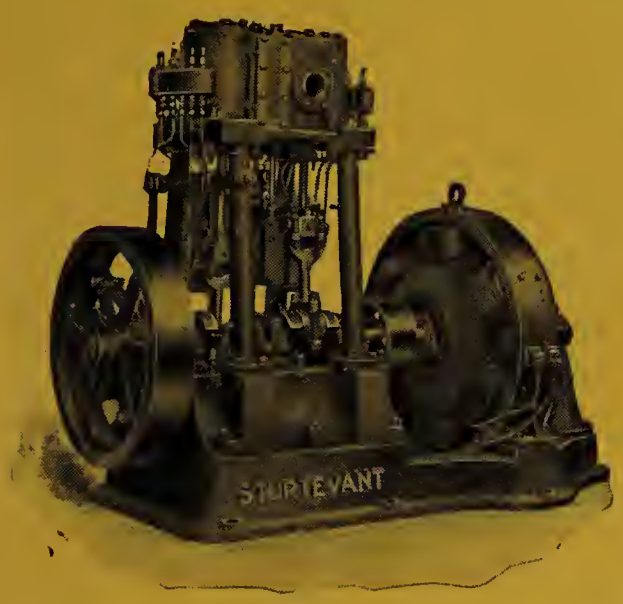
American District Steam Co. (Automatic, for Heating Water Direct from Steam Lines), Lockport, N. Y.
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Adams, W. J., Joliet, Ill.
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Bernstein, S. Co. ("Eagle"), 128 6th av, N. Y.
Challenge Mfg. Co., S Norwalk, Conn.
Clark, Geo. M. & Co., 72 Lake, Chicago, Ill.
Crane, Wm. M. Co. ("Unique" and "Vulcan"), 1133 Broadway, N. Y.
Day Metallic Mfg. Co., 6th, above Michigan, Detroit, Mich.
Dayton Supply Co., Dayton, O.
Detroit Stove Works ("Paragon" Tank), Detroit, Mich.
Eclipse Gas Stove Co. (Gas), Rockford, Ill.
Eynon-Evans Mfg. Co. ("Noiseless"), 1519 Clearfield, Phila., Pa.
Folger, W. B. ("Victor"), 320 W. 4th, Cincinnati, O.
Fuller & Warren Co., Troy, N. Y.
Gabel Mfg. Co., 103 Market, Pittsburg, Pa.
Gilbert & Barker Mfg. Co. (Springfield, Coil Gas), Springfield, Mass.; 82 John, New York
Gurney Heater Mfg. Co., 74 Franklin, Boston, Mass.
Haberling, Chas. ("Columbian"), Columbus, O.
HAYDEN & DERBY MFG. CO., The ("H. D." Noiseless for Heating Liquids by Direct Steam), 85, 87 & 89 Liberty, New York, N. Y., & 22, 24 & 26 S Canal, Chicago, Ill. Works, 1 Watson, Boston, Mass.
Hitchings & Co., 233 Mercer, New York
Hollands Mfg. Co., Erie, Pa.
Huber, Henry Co. ("Gegenstrom"), 244 5th av, New York
Humphrey Mfg. & Plating Co. (Gas, Instantaneous), Kalamazoo, Mich.
Ideal Mfg. Co., Detroit, Mich.
Illinois Malleable Iron Co. ("Illinois" Tank), 30 W Monroe, Chicago, Ill.
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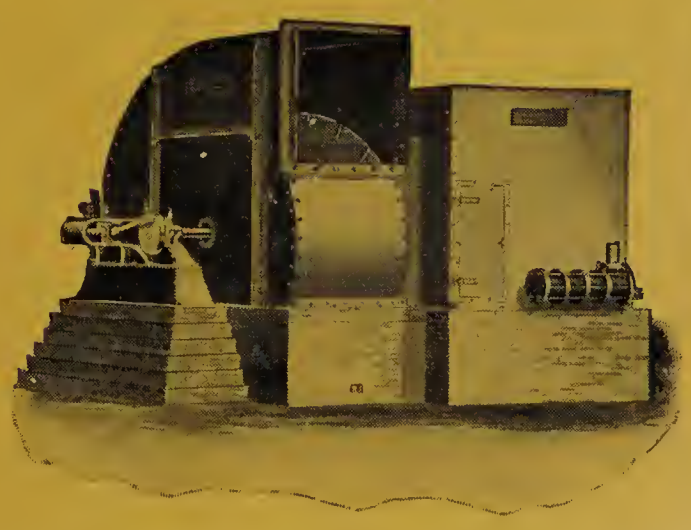
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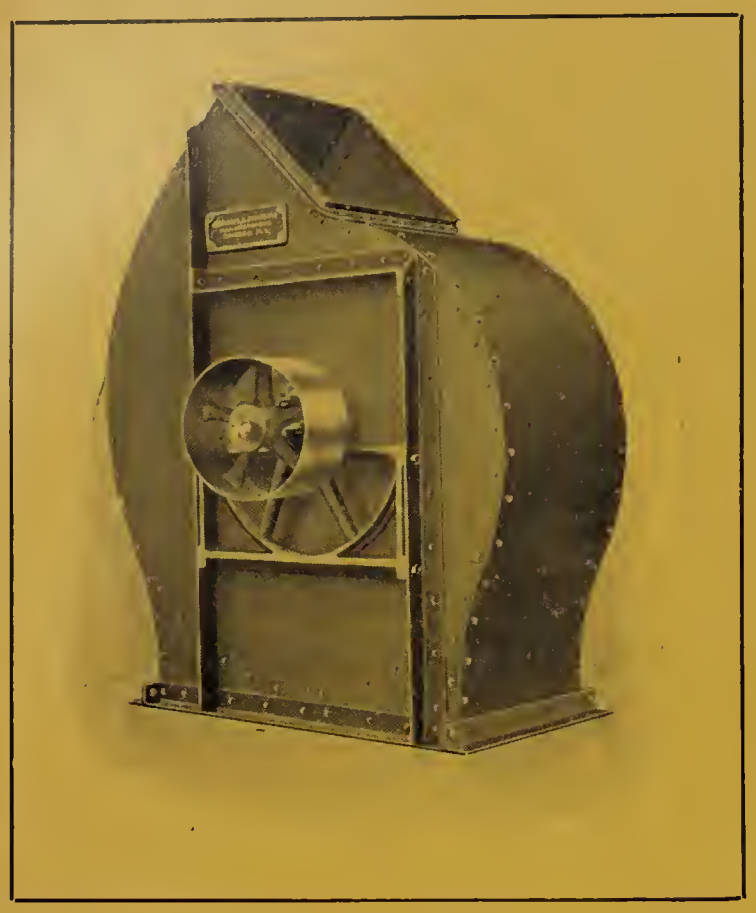
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Nonpareil Instantaneous Heater Co., San Francisco, Cal.
Pacific Light & Heat Co. ("Zenith"), Long Beach, Cal.
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Republic Gas Stove & Grill Co. ("Republic"), Worcester, Mass.
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Beaton, C. N., 920 N C, S E
Biggs Heating Co., 1410 Penna. av, N. W.
Butler, Chas. J., 913 G, N. W.
Febrey, E. J. & Co., 617 E, N. W.
Forsberg & Murray, 526 13th, N W
French, Irwin J., 1404 Penna. av
Grahe, Henry, 1119 10th, N. W.
Hendley, Jas. W., Corcoran bldg
Higgins, Walter, 910 Mass. av, N. W.
Hubbard Heating Co., 918 F, N W
Johnson & Morris, 509 11th, N. W.
McCuen, Wm. H. & Co., 1024 Conn. av. N. W.
May, P. J. & Co., 1112 Florida av, N. E.
Zellers, Jno. A., Corcoran bldg.
Zellers & Co., 1333 14th, N W

GEORGIA.

(See also Plumbers. Gas and Steam Fitters marked with a †)

ATLANTA—Cotton States Belting & Supply Co.
Warlick & Kennedy Co., 187 Edgewood av
Yarbrough, D. W., 20 E. Hunter
MACON—Schofields, J. S. Sons Co.
SAVANNAH—Rourke, Jno. & Sons.

ILLINOIS.

(See also Plumbers. Gas and Steam Fitters marked with a †)

BELLEVILLE—Karr Supply Co.
BLOOMINGTON—American Foundry & Furnace Co. (Hot Air & Steam)
Keiser-Van Leer Co.
CHICAGO—Allington & Curtis Mfg. Co., Monadnock bldg
American Engineering Specialty Co., Warren-Webster System), Monadnock blk
American Warming & Ventilating Co., 435 Wabash av
ANDREWS & JOHNSON CO., 256 Washington boul. (See adv. index, end of book)
Arcade Steam Heating Co., 70 La Salle
Baker & Smith Co., 171 Wash.
Booth, S. M., 38 N. Campbell av.
Bovee, Nicholson & Co., 4554 Cottage Grove av
Brass, Jno. F., 218 LaSalle
Brockway, Jno. S., 121 La Salle
Brown, N. B. & Co., 1373 W. Lake
Brown & Co., 40 Dearborn
Chicago Heating & Plumbing Co., 4613 Champlain av
Cleave, Jos., 5217 Lake av
Cook & Chick Co., 255 Kinzie
Cragin, M. J., 285 43d
Davis Construction Co., 41 Dearborn
Dilzer, Fred C., 48 Dearborn
Dixon, Geo. E. & Co., 169 S Canal
Douglass, Thos. J., & Co., 52 Dearborn
Doyle, M. J., 458 W. Jackson boul
Engiehart, Fredk. J. & Co., 97 Clark
Evans, Almirall & Co., Monadnock blk
Fox, J. L. & Co., 112 Clark
Gordon, Robert Co., 35 W Monroe
Graves, Wm. B., 45 Lake
Graves & Scholl, 202 Illinois
Gross, Geo. M., 1445 State
Hanley-Casey Co., 265 5th av
Heap, H. Sanders, 6640 Wentworth av
Hess Warming & Ventilating Co., 131 La Salle
Hill, W. C. & Co., 113 Adams
Hogan, J. M., 5620 Normal av
Ideal Heating Co., 414 W 63d
James, J. R. & Co., 247 W. 63d
Kehm Bros. Co., 19 N State
Kellogg-Mackey-Cameron Co., 110 Lake
Keppner, L. A., 86 Lake
Kroeschell Bros. Co., 55 Erie
Lamb, F. W. Co., 259 Kinzie
Lees, Wm., 47 W. Wash.
Lewis & Kitchen, 435 Wabash av
Long, Albert, 84 LaSalle
Longtin & Co., 211 N St. Louis av
McDonald, Edw. S., 311 S Central Park av
McDonugh & Co., 25 N State
McLeod Co., 73 Fulton
McMaster-Davis Supply Co., 160 Lake
Maginn & Bradley Co., 74 W Lake
Maloney, P. T., 138 Wash'n
Mellinger, W. E., 142 Michigan
Metz Bros., 107 22d
Morgan & Co., 40 Dearborn
Nacey, P. Co., 315 Wabash av
Noble & Trumm, 292 Lincoln av
Norton, F. J. Deppmann, 8 N State
Pearce Construction Co., 269 Dearborn
Peckham, Harry, Jr., 27 N Canal
Peterkin, Jno., 98 La Salle av
Phillips, Getschow Co., 184 Indiana
Pope, Wm. A., 79 Lake
Prentice, L. H. Co., 24 Sherman
Purves Heating Co., 215 5th av
Rood, Geo. L., 110 Lake
Rubel & Co., 82 Lake
Simmons, C. H., 218 La Salle
Smith, Chas. Co., 101 Lake
Spear & Hansen Co., 58 W Randolph
Story, March R., 83 N Clark
Stott, D. M. Co., 189 Park av
STURTEVANT, B. F. CO., 281 S Clinton. (See adv. index, end of book)
Sullivan, Wm., 179 Illinois
Thomas & Smith, 19 S Carpenter
Wade, Edw. T., 1220 Rockwell
Webster, Warren & Co. (Webster's System), Monadnock blk
Weir & Craig Mfg. Co., 2421 Wallace
Western, Paul Steam System Co., 279 Dearborn
Wilks, S. Mfg. Co., 35th & Shields av
DECATUR—Whitmer Steam Heating & Power Co.
ELGIN—Manard, A. B. & A. P. (also Rockford, Ill.)
GALESBURG—Murphy Bros. & Anderson
GALVA—Mulford Heating Co.
GIBSON CITY—Gibson Iron Works
JOLIET—†Barrett Hdw. Co., 218 Chicago
Meers, R., 205 Jefferson
Poehner & Dillman, 417 Cass
MOLINE—Moline Heating & Construction Co.
OREGON—Jones, F. G. Co.
QUINCY—Best, E., Plumbing & Steam Heating Co.
ROCKFORD—America Heating Co.
TREMONT—Winzeler, S. S. & Co.

INDIANA.

(See also Plumbers, Gas and Steam Fitters marked with a †)

ANDERSON—Anderson Foundry & Macbine Works
BRAZIL—Crawford & McCrimmon Co.
EVANSVILLE—Carmody, J. D., 213 Locust
Grote Mfg. Co., 113 3d av
O'Donnell, Jno., 513 Sycamore
GREENCASTLE—†Greencastle Foundry & Machine Co.
INDIANAPOLIS—†Farrell, J. S. & Co., 144 N Illinois
Hayes Bros., 437 Ind. av
Johnson, W. H. & Son, 205 N. Delaware
Kruse & Dewenter, 427 E. Wash'n
WARSAW—Eicher, John A.

IOWA.

(See also Plumbers, Gas & Steam Fitters marked with †.)

DAVENPORT—Davenport Heating & Plumbing Co.
DES MOINES—Des Moines Heating Co.
Des Moines Mfg. & Supply Co.
Ideal Heating Co.
MORNING SUN—Selzer Hdw. Co.
OSKALOOSA—Ideal Heating Co.
Iowa Mfg. Co.
WATERLOO—Epworth Gas Light & Heating Co.
WEBSTER CITY—Webster City Steel Radiator Co.

KANSAS.

(See also Plumbers, Gas & Steam Fitters marked with †.)

LEAVENWORTH—Varney Heating & Mfg. Co.

KENTUCKY.

(See also Plumbers, Gas & Steam Fitters marked with a †.)

LOUISVILLE—Clegg, F. A. & Co., 238 3d
McWilliams, Jos. & Co., 323 W Main
OWENSBORO—Guenther, Harry & Bro.
Southern Iron Works

LOUISIANA.

MONROE—Sanders, John G.
NEW ORLEANS—Gibbens & Stream, 213 Canal
Haubtman & Loeb Co. (Ltd.), 222 S Peters
Louisiana Boiler & Sheet Iron Works, 2344 Euphrosine
Murphy, Jno. H., 635 Magazine
Payne & Joubert, 423 Carondelet
SHREVEPORT — Vondenbaumen-Eastham Co. (Ltd.)

MAINE.

(See also Plumbers, Gas & Steam Fitters marked with a †.)

BATH—Sparks, Wm. M.
GARDINER—Robbins, C. A. Son
MECHANIC FALLS—Penney, J. W. & Sons Co.
PORTLAND—Carman, W. W., 78 Union
Crocker, Chas. H. Co., 42 Preble
Dunton-Chenery Co., 82 Union
Moulton, A. H., 75 Union
Portland Stove Foundry Co., 39 Kennebec

MARYLAND.

(See also Plumbers, Gas & Steam Fitters marked with a †.)

BALTIMORE—Bartlett, Hayward & Co., Continental, Trust bldg.
Bassbor, T. C. Co., 28 Light
Crook-Horner & Co., 303 N Howard
Enterprise Steam & Hot Water Heating Co., 220 S St. Paul
Fadum, Fred'k, 408 W German
Monitor Steam Generator Mfg. Co., c Fayette & Park av
†Schaecher, Christian H., 615 E. Lombard
Stebbins, Wallace & Sons, Charles c Lombard
Towson, W. W. & Co., 314 N Holliday
Wells & Newton Co., 210 E Lex.
HAGERSTOWN—†Hagerstown Heating Co.

MASSACHUSETTS.

(See also Plumbers, Gas & Steam Fitters maarked with a †)

BOSTON—Bay State Heating Co., 55 Portland
Boston Furnace Co., 6 Portland
Bradlee & Chatman Co., 28 Union
Braman, Dow & Co., 239 Causeway
Brown, Rufus G., 6 Portland

Carruthers, H. & Co., 5 Henry
Cleghorn Co., 17 Central
Dodge, Edwin L., 6 Friend
Duncan, Alex & Co., 37 Union
Falls Mfg. Co., 29 Central
Felton-Turner Heating Co., 32 Warren
Fish, Hindle, 25 Wash'n, n.
Franklin, A. B., 167 Fort Hill sq
Fuller & Warren Co., 43 Milk
Gallison, W. H. Co. (High Pressure), 36 Oliver, Boston, Mass.
Houghton, J. F. & Son, 114 Green, J. P.
Huey Bros., 35 Hartford
Ingalls & Kendrickson, 80 Sudbury
Kohler Furnace & Steam Heating Co., c Elmwood & Dunlow
Lumsden & Van Stone Co., 69 High
Lynch & Woodward, 28 Beach
Magee Furnace Co., 38 Union
Manning, Wm. A. & Co., 167 Congress
Merrill Co. (High Pressure Piping), 19 Pearl
Merrill, A. H. & Co., 8 Friend
Mitchell, W. H. & Son, 1 Province ct
Morton, A. M. & Co., 25 Washington
O'Connell, Jno. (Steam Fitter), 65 Oliver
Paul System Co., Sears bldg
Pierce, Butler & Pierce Mfg. Co. (of Syracuse, N. Y.), 50 Oliver
Rice, F. I. & Co., 26 Portland
Richardson & Clement, 20 Union
†Sanborn, A. A., 18 Post Office sq
Smith & Anthony Co., 48 Union
Smith & Thayer Co. (Mfrs.), 236 Congress
STURTEVANT, B. F. CO., 34 Oliver, (See adv. index, end of book)
Thayer, Jas. M., 89 Pearl
Thurston, F. W., 39 Oliver
Trask, H. D. Co., 76 Sudbury
Walker & Pratt Mfg. Co., 35 Union
Walworth Cons. & Supply Co., 100 Pearl
Webster, Warren & Co., Tremont bldg

CAMBRIDGE—Brock Bros., 1372 Mass. av
FALL RIVER—Fall River Steam & Gas Pipe Co., 197 Pleasant
Kelly, Edward, 125 Central
FAIRHAVEN—Fairhaven Iron Fdy. Co.
GARDNER—Royal Steam Heater Co.
GLOBE VILLAGE—(See South bridge)
GLOUCESTER—†Richardson, Nathan Sons
Stodart, A. P. & Co.
HAVERHILL—Mills & McClintock
HOLYOKE—Holyoke Valve & Hydrant Co.
HYDE PARK—Boston Blower Co.
STURTEVANT, B. F. CO. (See adv. index, end of book)
LAWRENCE—Rutter, W. F. & Co.
LOWELL—Middlesex Machine Co.
LYNN—Cushing, F. J. & Co.
Gilson & Hatch, 144 Munroe
MALDEN—Green, Frank P., 22 Green
MILFORD—Damon, J. F.
NEW BEDFORD—†Babbitt, Wood & Co.
Lewis, Jos. S.
New Bedford Boiler & Machine Co.
Wood, Brightman & Co.
NORTH DIGHTON—Dighton Furnace Co.
PITTSFIELD—Robbins, Gamwell & Co., 68 West
PLYMOUTH—Holmes, Charles T., 2d st
SALEM—Goddell, Z., Lafayette
Patten, Paul B., 78 Lafayette
STONEHAM—Houghton, C. W.
O'Donnell, Edw.
WEBSTER—Bartlett, G. H.
WESTFIELD—Smith, H. B. Co.
WOBURN—Buell, Jas. F., 10 Buel pl
Freeman, J. T. & Co., 296 Main
WORCESTER—Braman, Dow & Co., 7 Wash'n sq
Brunelle, F. X., 10 Coburn av
Burke, Thos. M., 7 State
Burleigh, Jno. & Co., 5 Chandler
Burlinghame, A. Co. (Mill Work Only), 22 Cypress
Callahan & Greene, 86 Foster
Central Supply Co., 35 Waldo
Hawes, Edwin Co., 17 Vine
Morse, A. H., 152 Institute rd
Sinclair Co., 28 Pearl
Skaen, Jno. J., 41 Pearl
Washburn & Garfield Mfg. Co., Foster st
Washburn & Garfield Mfg. Co., Foster c Commercial
Whitworth Heating Co., 22 Pleasant
Woburn Machine Co.

MICHIGAN.

(See also Plumbers, Gas & Steam Fitters marked with a †.)

BAY CITY—Jennison Hardware Co.
Wilson & Wanless
DETROIT—Acme Heating & Ventilating Co., 146 Beaubien
American Blower Co., 1400 Russell
Bolton Heater Co., 85 Chene
Detroit Furnace & Heater Co., 261 Guoin
Detroit Heating & Lighting Co., Wight nr
Detroit Shipbuilding Co., 64 Orleans Leib
Harvey's, A. Sons Mfg. Co. (Ltd.), 22 1st
†Lewis, Henry B., 45 Jos. Campau av
Morgan, S. H., 273 Jefferson av
Pratt, Stephen, cor Becher av & M. C. R. R.
Smith, Peter, Heater Co., 332 Rivard
Snyder Heater Co.
Standard Foundry Co., 685 E Atwater
Webster, Harrigan & Reid, 70 State
GRAND RAPIDS—Leitelt, A., Iron Works (Inc.), cor Erie & Mill
Macauley Bros., 157 Ottawa
Sproul & McGurrin, 37 S Division
Weatherly & Pulte, 99 Pearl
JACKSON—Keeley, James J.
MONROE—Monroe Foundry & Furnace Co.
MUSKEGAN—*Howden, J. J. Co.
SAGINAW—Allington-Curtis Mfg. Co.
Light, Charles W.

MINNESOTA.

(See also Plumbers, Gas & Steam Fitters marked with a †.)

DULUTH—American Heating Co., 228 W. Michigan
Duluth Corrugating & Roofing Co.
FERGUS FALLS—Fergus Iron Works
MANKATO—Mankato Mfg. Co.
MINNEAPOLIS—Archambo Heating & Plumbing Co., 219 S 3d
Bjorkman Bros., 712 E 10th
Gray, W. I. & Co. (Heating & Ventilating). 704 S 5th
Hamilton, W. C. T., 2721 Pleasant av
Pond & Hasey Co., 231 5th av S.
Porter, W. F. & Co., 521 2d av S.
Saxton Heating Co., 405 6th av S
Wilkins, Chas. & Co.
ST. PAUL—Hankee & Eha, 105 E. 4th
McGeary, G. M., 156 E. 3d
Morton, G. R., National Bank bldg
Roberts-Goss Co., 357 Rosabel
Roberts-Goss Co., 4th c Pine
Sparr, E. Edw., 329 Jackson
Stevens, D. W., 236 N. Dale
WINONA—†Green, Thos. J.
†Toye, M.

MISSOURI.

(See also Plumbers, Gas & Steam Fitters marked with a †.)

KANSAS CITY—Lewis & Kitchen (Heating & Ventilating Engineers & Contractors), B'way & 9th
Prest Furnace Co., 22d & B'way
ST. LOUIS—Ambler, Edwin P., 912 Chestnut
Bosley, E. M., 219 N 4th
Bradley, J. T. & Co., 2728 Olive
Branch Steam Heating Co., 3005 N B'way
Cahill, Swift Mfg. Co., 20 S 12th
Cozzens Heating & Construction Co., 1217 Olive
Crowder Bros., 219 N 4th
Front Rank Steel Furnace Co., 2301 to 2309 Lucas av
Hughes, Jno. B. Heating Co., 1234 Clark av
Karr Supply Co., Union Trust bldg
Kupferle Bros. Mfg. Co., 604 N 2d
Missouri Heating & Construction Co., 416 Market
Modern Heating Co., 313 Chestnut
Natioanl Heating Co., 2114 Allen av
Ryan, J. D. Heating & Ventilating Co., 410 S. 7th
Urbauer, Atwood Heating Co., 1114 Pine
WEBB CITY—Franz-Howell Hardware Co.,
Webb City Iron Works

NEVADA.

(See Plumbers, Gas & Steam Fitters marked with a †.)

NEW HAMPSHIRE.

(See also Plumbers, Gas & Steam Fitters marked with a †.)

DOVER—Doran, Hy. W.
FRANKLIN FALLS—Kidder Machine Co.
MANCHESTER—†Lane, Thos. & Co.
PETERBORO—White, S. G.

NEW JERSEY.

(See also Plumbers, Gas & Steam Fitters marked with a †.)

BARTLEY—Bartley, Wm. & Son
CAMDEN—American Steam Heating Specialty Co., Point c Elm
Lounsberry, H. C., 539 Arch
Webster, Warren & Co., Point c Elm
CRANFORD—Doyle, Jno.
JERSEY CITY—†Joans, Jas. A., 743 Grand
National Sheet Metal Roofing Co., 339 Grand
Schroder, F. P., 307 Grand
KEARNEY—(See Arlington)
NEWARK—Ball, C. C. & Co., 148 N. J. R. R. av
Berla, Elias, 76 Mulberry
Cryer, T. B. & Co., 249 High
Denny Bros., 45 Mechanic
Drake, W. H., 36 Clinton
Kelley, Thos. F., 19 Parkhurst
Reed, Jno. L., 44 Mechanic
Soleau, E. R. Co., 135 Halsey
†Sturn, F. J., 900 Broad
Thatcher Furnace Co., 42 St. Francis
NEWTON—Watkins, Chas. H.
PATERSON—Fritz, Adam, 39 Paterson
TRENTON—Baker, Wm. H. (Factory Work, etc.)

NEW YORK.

(See also Plumbers, Gas & Steam Fitters marked with a †.)

ALBANY—Albany Brass & Iron (High Pressure), 174 B'way
Bates, E. P. (of Syracuse, N. Y.), 310 B'way
Dugan, Jno. E., 4 Monroe
Fisher Bros., 105 Northern boul.
Sauer, H. A., 62 Lex. av
Sweeney, P. J., 43 Liberty
AUBURN—New Birdsall Co.
BINGHAMTON—Adams, V. P., 227 Water
Gaylord & Eitapenc, 153 State
Innes & Demarest Heating Co., 34 Commercial av
Runyon & Ogden, 32 Commercial av
Shapley & Wells, 118 Wash'n
BLOOMING GROVE—Gerow, J. C.
BROOKLYN—(See N. Y. City, Borough of Brooklyn)
BUFFALO—Buffalo Engineering Co., Erie Co. Bk. bldg
Buffalo Forge Co., 480 B'way
Buffalo Heating & Ventilating Co., 490 B'way
Buffalo Machinery Co., 24 Burwell pl
Fries & Co., 89 Main
Irlbacker, Geo. L., 533 Main
Rebstock Furnace Co., 551 Washington
Ruckel, J. H. & Son, 81 Main
Whittet, Barrett & Co., 61 Main
GENEVA—New York Central Iron Works Co.
GOUVERNEUR—Johnson, J. B.
GREENBUSH—(See Albany)
GREENPORT—Hedges, Samuel
Tuthill & Higbee
KINGSTON—**WIEBER, H. E. (See adv. below)**

Plumbing.
GAS AND STEAM FITTING,
FIRST CLASS WORK.
HENRY E. WIEBER,
28 East 20th St., NEW YORK,
and KINGSTON, N. Y.

NEWARK—New Light, Heat & Power Co.
LOCKPORT—American District Steam Co. (Holly System of Direct & Exhaust Steam)

Borough of Brooklyn

BROOKLYN—Allsop, Thos. J., 1875 Atlantic av
Bedford Heating Co., 1288 Fulton
Cunningham, R. W., 1288 Fulton
Curtin, Wm. H. Mfg. Co., 333 Adams
Howell, Geo. I., 1262 Fulton
Jacobs, Geo. P. & Co., 276 S 9th
Johnson & Co., 1483 Flatbush av
McElraevy & Hauck Co., B'way & Haywood
Milhan, Otto H. A., 61 Lafayette av
Murchison, Jno. R., 823 Flatbush av.
O'Brien, Edw. J., 340 B'way
Philips, Doup & Co., 56 Pearl
Roys System Co., 1010 Gates av
Schmidt, Gus. A., 344 Liberty av
Scollay, John A., 76 Myrtle av
Tuttle & Bailey, 83 N. 10th
Wilfert, John & Co., 490 Bushwick av

Boroughs of Manhattan & Bronx

NEW YORK—Abbott's, M. Sons, 137 8th av
Automatic Heating Co. (Exhaust Steam, etc.), 10 Battery pl
Backus, P. & Son, 133 W 25th
Bailey, Wm. R., 127 Reade
Baker, Smith & Co., 483 W B'way
Baker, Wm. C. (Car Heating, etc.), 143 Liberty
Baldwin Engineering Co., 107 W 17th
Barr, A. B. & Co., 1810 Park av
Barron, H. J. Co., 26 Church
Blake & Williams, 213 W 20th
Bligh & Engel, 410 4th av
Bonner, R. J., 425 W. 42d
Brown, A. H., 1777 B'way
Builders' Heating Co., 54 W 30th
Campbell, Robt. Heating Co., 106 Beekman
Cory, Dan'l, 158 W 13th
Clarke, John D. Sons, 276 Water
Columbus, Bernhard, 1079 3d av
Cooney, Jno. W., 355 W 26th
Crane, Wm. F., 100 William
Crocker & Andrews, 34 W 24th
Crooke & Bozler, 10 Barclay
Cryer, Albert A., 15 Park Row
Curran, Jas. Mfg. Co., 512 W 36th
Dewey Engineering Co., 89 Centre
Dobson, Frank, 218 E 42d
Donnelly & Merritt, 48 Cliff
Duff, P. J., 127 W 32d
Eccles, John L. Co., 49 Vandam
Ellison & Co., 211 W 126th
Evans, Almirall & Co., 281 Water
Francis Bros. & Jellett (Inc.), 47 E. 18th
Gibbons, Jno. V., 133 Greenwich
Gillis & Geoghegan, 539 W B'way
Graff Furnace Co., 208 Water
Greason Mfg. Co., 108 W 99th
Hankin, John & Bro., 121 E 13th
Hassett & Peyton, 100 Maiden lane
Hickey Bros. & Co., 1906 Park av
Hiscox, W. T. & Co., 95 Liberty
Hitchings & Co., 233 Mercer
Hodkinson & Co., 537 Manhattan av
Hoey, James, 116 Wooster
Howe & Bassett, 1133 B'way
Hull-Camp Co., 125 Worth
Johnson & Co., 104 John
Johnson & Morris, 30 W 13th
Kay, W. H., 244 Fulton
Kelsey Heating Co., 156 5th av
Kirk, L. G., 419 Lex. av
Laffin, W. A. & Co., 333 Hudson
Lemon, J. F., 626 Columbus av
Leslie Bros.,2768 B'way
Lord & Burnham Co., 1133 B'way
Lunny & Handibode, 2555 3d av
McGonagle, Arthur, 136 Liberty
McKnight, Chauncey P., 241 W 125th
Macquonie, Jos. C. & Co., 263 William
Mead, Josiah H., 41 E 21st
Model Heating Co., 89 Centre
Mulhern Steam Heating Co., 401 W 59th
Muller & Vultee, 9 N Moore
Nason Mfg. Co., 71 Beekman
Neal's, John Sons, 218 Centre
New York Steam Fitting Co., 137 Elm
New York & Hoboken Steam Fitting Co., 457 Canal
Olvaney, Wm. J., 98 Charles
Paul System Co., 15 Park Row
Pollock, Alex Co., 203 West
Peterson Heating Co., 509 Willis av
Pratt Engineering Co., 139 W 24th
Prentice, L. H. Co., 114 Liberty
Raisler Heating Co., 17 E. 22d
Ransom, Stephen, 402 West
Roberts, Geo. I. & Bros. (Inc.), 471 4th av
Rossman & Bracken Co., 132 E 24th
Russell Engineering & Contracting Co., 92 William
Rutherford Heating Co., 42 W. 67th
Rutzler, E., 178 Centre
Saruya Engineering Co., 1080 Lex av
Sayles Co., 446 4th av
Sayward, Jno. F. & Co., 21 W 24th
Schneider, Chas., 752 E 163d
Seward Engineering Co., 89 Centre
Skannel, Elbert, 564 Amsterdam av
Smith, H. B. & Co., 137 Centre
STURTEVANT, B. F. CO., 131 Liberty. (See adv. index, end of book)
Suter, G. A. & Co., 112 Wooster
Tivy, Lawrence, 13 Platt
Tullis & Co., 534 W 22d
United Engineering & Contracting Co., 15 Park Row
Union Engineering Co., 95 Liberty
United Heating Co., 174 Wooster
Van Blarcom, C. W. & Co. (High & Low Pressure), 108 Fulton
Van Court, F. K. & Son, 406 W 42d
Victor Heating Co., 2295 B'way
Walker & Chambers, 50 E 20th
Wallace, Geo. J., 206 E 57th
Weathered's, Thos. W. Sons, 46 Marion
Webster, Warren Co., 17 State
Weymouth, G. H. & Co., 259 Front
Wells & Newton Co., 292 Av. B.
White, Leslie, 50 Wash'n sq., S.
Williams, Francis A., 211 W 20th
Willilams, L. R. Co., 129 Beekman
Williams & Gerstle, 341 E 44th
Wills Bros., 158 Maiden la
Yockel, J. Henry, 51 E 59th

(END OF NEW YORK CITY)

PAINTED POST—Imperial Engine Co.
POUGHKEEPSIE—Adriance, Peter & Son
ROCHESTER—Chapman & Goodenough, 280 State
Howe & Bassett, 23 Stillson
Reynolds, James, 33 Mill
Whitmore, Wm. W., E. & B. bldg
SCHENECTADY—†Case, Levi & Co.
†Stevenson Bros.
SYRACUSE—Bates, Edw. P., 228 W Water
†Joy, Edw., 133 Market
TROY—Mahony Mfg. Co., 5th av c Liberty
†Mulligan & Schermerhorn
UTICA—Bates, E. P., 73 John
Breen Bros.
Stradling, Plumbing & Heating Co., 139 Genesee
WAVERLY—Denslow, W. H. Co.
YONKERSR—Barr, A. B. & Co. (Inc.), River
Morris, Thos., Nepperhan av

NORTH DAKOTA.

(See also Plumbers, Gas & Steam Fitters marked with a †.)

FARGO—†Craig, A.
GRAND FORKS—Mooney, J. B. & Co.

OHIO.

(See also Plumbers, Gas & Steam Fitters marked with a †.)

AKRON—Rohrbacher & Allen
CINCINNATI—Coleman Gas Works Mfg. Co., 627 Main
Crane, M. H. (Estate), 326 W Pearl
Geerin Bros. & Co., 422 E 8th
Grossius, John, Furnace Co., 409 E 8th
Johnston, W. T. Co., 522 Main
Kearney, John & Co., 328 New
Lotze's, A. Sons & Co., 8th & B'way
Love, F. L., 328 W 3d
McGowan, Jno. H. Co., 56 Central av
Myers & White, 208 W 3d
Peck-Hammond Co., 124 E Pearl
Peck-Williamson Heating & Ventilating Co., 339 W 5th
Schlemmer, O. Co., 1050 Hulbert av
Stewart, S. B., 237 E 3d
United States Heating Co., 744 W Court
Vance & Love, 15 E Canal
CLEVELAND—Bartlett Bros Co., 178 Huron
Bowman, E. R., 752 Lorain
Buckeye Heating & Supply Co.
†Burrows, S. W. Co., 1261 Euclid av
Chafer & Becker, 154 Champlain
Cleveland Steam Fitting & Supply Co., 1084 Hamilton
Crawford, P. R. Heating & Mfg. Co., 9 Cooper
Daykin, H. W., Schofield bldg
Hollbrook, M. G. & Co., The Arcade
Morgan Steam Heating Co., 30 S Water
Mouat-Squires Co., 43 Academy
Price, Dreher & Welker, 19 S Water
Squires, Chas. E., 74 Frankfort
Thomson, John, 123 River
Van Sickle & Warren Co., 12 Frankfort
COLUMBUS—†Borger Bros. Co., c W Broad & Scioto
Columbus Heating & Ventilating Co., 586 S High
Columbus Steam Boiler & Heater Co., Kimball, North end of Belle
Fitzpatrick & Hoepfner, 54 W. Broad
LORAIN—Lorain Heating & Mfg. Co.
NEWARK—†Tucker Bros.
NORWALK—Barber, L. A.
Dunmore, Thos.
PORTSMOUTH—Portsmouth Foundry & Machine Works
TOLEDO—American Foundry & Furnace Co. (Hot Air & Steam)
Caldwell Furnace Foundry Co. (Heating & Ventilating Engineers)
Keller Bros.
Raitz, Robert & Co., 631 St. Clair
Shaw-Kendall Engineering Co., 3 S St. Clair
Toledo Supply Co., 148 Summit
WASHINGTON C. H.—Swope, Geo.
ZANESVILLE—†Le Roy, J. A.

PENNSYLVANIA.

(See also Plumbers, Gas & Steam Fitters marked with a †.)

ALLEGHENY—Allegheny Heating Co., 603 W. Diamond
Bealor, John T. Mfg. Co., Westinghouse bldg
ALLENTOWN—(See Plumbers, Gas & Steam Fitters Marked with a †)
BLAIRSVILLE—Tittle, C. L.
BLUE BALL—Shirk, P. E.
CARBONDALE—Sperl Heater Co.
CHAMBERSBURG—Gilbert, Daniel.
CLEARFIELD—Clearfield Steam Heating Co.
CONSHOHOCKEN—Bate, W. T. & Son
EAST STROUDSBURG—Stauffer, Geo. E.
EASTON—Norton, H. M.
HANOVER—Davidson Heating & Construction Co.
HARRISBURG—Campbell, Benj. W., 24 S Court av
Harrisburg Mfg. & Boiler Co., 19th & Derry
Harrisburg Steam Heat & Power Co., 128 Short
Horn, Alex. D., 4 N Market sq
HAZLETON—Hazleton Steam Heating Co.
JOHNSTON—Johnston Supply House (Ltd.), Swank Hardware Co.
LANCASTER—Central Machine Works
Standard Heating & Engineering Co.
LANDISVILLE—Monitor Steam Generator Mfg. Co.
LANSDALE—Beck, H. L.
Heebner & Sons
LATROBE—West Latrobe Foundry & Machine Works
LEBANON—Schmehl, S. S.
MIDDLETOWN—Raymond Mfg. Co.
MOUNT JOY—Mount Joy Steam Heater Co.
PHILADELPHIA—American Foundry & Furnace Co. (Hot Air & Steam), Drexel bldg
Anderson, V. D. Co., 55 N 7th
Allard, Fred. J., 16 Harvey, Gtn
Bartholomew, R. W., 445 W. Norris
Bowers Bros. & Co. (Heating & Ventilating), Real Est. Trust bldg
Cox & Sons Co., 215 Race
Duprey, A. F., 1413 Race
Francis Bros. & Jellett (Inc.), 245 N Broad
Geiger, August, 118 N 6th
Germantown Steam Heating Co., 515 Pelham rd, Gtn
Goldner, Herman, 156 Lehigh av
Hess & Barker (Steam Fitters), 605 Sansom
Lampe & Bartels, 115 N Front
Makin, Jno. S. Heating Co., Bldrs'. Exchange
Milligan, Wm. (Steam Fitter), 726 Sansom
Model Heating Co., 716 Arch
Monitor Steam Generator Mfg. Co., 49 N 7th
Muckle, M. R., Jr., & Co., Stephen Girard bldg
Murphy, Harry F. & Co., 25 N 7th
Nichols, E. M., 639 Arch
Page, Wm. H. Boiler Co., 620 Arch
Pancoast, Hy. B. & Co., 243 S. 3d

Phila. Steam Heating Co., 1513 Filbert
Robinson, Wm. J., 6202 Gtn av
Scott & Ehret, 607 Arch
Smith, H. B. Co., 704 Arch
Smith, John P., 146 N 7th
STURTEVANT, B. F. CO., 135 N 3d. (See adv. index, end of book)
Thompson Bros., 112 Bread
Trachsel, John C. F., 230 Arch
Webster, Warren & Co., Stephen Girard bldg
Wood, James P., Heating Co., 39 S 4th
PITTSBURG—American Warming & Ventilating Co., 541 Wood
Anderson-Darragh Co. (Ltd.), 210 Market
Baker, Smith & Co., Frick bldg
Bealor, Jno. T. Mfg. Co. (Heating & Ventilating), Westinghouse bldg
Dignam, Jno. T, Ferguson blk
Iron City Heating Co., Bessemer bldg
McGinness-Smith Co., 219 1st av
Maginn, P. F. & Co., 243 1st av
Mellott Heating Co., 310 2d av
Patten, W. W., 909 Liberty av
Pittsburg Heating Co., 8 Wood
Schaffer, John P., 18 Wood
Stauffer & Ahrens, 108 Market
Willis Warming & Ventilating Co., Schmidt bldg
POTTSTOWN—Sotter Bros.
POTTSVILLE—McKernan, Jno. C., 513 N Centre
Pottsville Steam Heat & Power Co., 117 W. Mahantonga
Sparks & Parker, 659 W Centre
READING—Keystone Heating Co.
Reading Steam Heat & Power Co., 615 Elm
ST. CLAIR—Quirin, Jno. & Bro.
SCRANTON—Economy Light, Heat & Power Co., 20 Rep. bldg
Scott, Chas. B., 119 Franklin
SOMERSET—Somerset Iron Works
TOWANDA—Humphrey Mfg. Co.
UNIONTOWN—Johnson Machine Co.
WEST NEWTON—Blackmore Heating Co.
WILKESBARRE—Backus, Peter B., 30 Abbott
Carpenter, B. G. & Co.
WILLIAMSPORT—Keeler, E. Co.
Kline & Co.
†Williamsport Steam Co., 287 W 3d
YORK—Broomell, Schmidt, Steacy & Co. (Inc.)
Motter, Geo. F. & Son

RHODE ISLAND.

(See also Plumbers, Gas and Steam Fitters marked with a †.)

PAWTUCKET—†Jackson, Sam'l Co.
†Pawtucket Steam & Gas Pipe Co.
PROVIDENCE—Allen Fire Dept. Supply Co., c Friendship & Eddy
Burton, David, 25 Page
Coggeshall, Freeborn, 23 S Main
General Fire Extinguisher Co., Union Trust bldg
Heath, Wm. G. & Co., 60 Friendship
Magoon, A. J. & Son, 313 Weybosset
†Parker & Taft, 143 Eddy
Putnam Foundry & Machine Co., 73 S Main
Smith, H. B. Co., 11 S Main
Winsor, Ira & Co., 169 Dorrance

SOUTH CAROLINA.

(See also Plumbers, Gas & Steam Fitters marked with a †.)

CHARLESTON—Valk & Murdock Iron Works, 16 Hasell
SPARTANBURG—Morgan Iron Works

TENNESSEE.

(See also Plumbers, Gas & Steam Fitters marked with a †.)

CLARKSVILLE—Red River Furnace Co.
MEMPHIS—Browne & Borum, 252 2d
Eichberg & Meyer, 63 Jeff.
Southern Heating Co., Cotton Ex. bldg
NASHVILLE—Nashville Machine Co.

VERMONT.

(See also Plumbers, Gas & Steam Fitters marked with a †.)

MONTPELIER—Lane Mfg. Co.
RUTLAND—Holmes, J. H. & Co.

VIRGINIA.

(See also Plumbers, Gas & Steam Fitters marked with a †.)

RICHMOND—Longworth, W. P. & Co., 819 E. Main
Smith-Courtney Co., 1418 E. Cary

WASHINGTON.

(See also Plumbers, Gas & Steam Fitters marked with a †.)

OLYMPIA—Lister, S. G.
SEATTLE—Adams, C. J. & Co., Denny bldg
Brown, S. E. & Co., 120 Yesler Way
Economy Steam Heating Co., Arcade bldg
Lee, J. B. & Co., Pacific blk
Mitchell, Lewis & Staver Co., 308 1st av S
Washington Steam Heating Co., 712 Post
TACOMA—Caldwell Bros., Gardner, W. & Co.

WISCONSIN.

(See also Plumbers, Gas & Steam Fitters marked with a †.)

HARTFORD—Landt, John
LA CROSSE—Fetter-Baker & Niebuhr Co.
Thill & Lapitz
Trane, Jas. A. Plumbing Co.
MILWAUKEE—American Foundry & Furnace Co. (Hot Air & Steam), 204 Grand av
Bayley Heating Co., 131 Sycamore
Bayley, Wm. & Sons Co., 732 Greenbush
Bowers, W. A. Heating Co., 482 Market
Coogan & Strothenke, 130 2d
Cordes & Treis, 69 2d
Kruse, Chas. B. Heating Co., 157 W Water
Lindemann, A. J. & Hoverson Co., 348 Flor-
Mooers, H. Co., 112 2d
Mueller, L. J. Furnace Co., 197 Read
NATIONAL BLOWER WORKS (Hot Blast), 17th & St. Paul av. (See adv. index, end of book)
Phipps Heating Co., 90 Oneida
Wegner Bros., 136 Sycamore
SHEBOYGAN—Optenberg & Sonneman
WATERTOWN—Kunert, E. Mfg. Co.
WAUSAU—Murray, D. S. Mfg. Co.

Heating (Fan System)

(See Heating Apparatus, Hot Blast.)

Heating (Green House)

Bates, Edw. P., 228 W. Water, Syracuse, N. Y.
Blake & Andros, 28 Portland, Boston, Mass.
Burmeister, Aug. & Co., Station D, Milwaukee, Wis.
Coldwell-Wilcox Co., Newburg, N. Y.
Carmody, J. D., Evansville, Ind.
Fish, Hindle, 23 Wash'n, N, Boston, Mass.
Foskett & Bishop Co., New Haven, Conn.
Hitchings & Co., 233 Mercer, N. Y.
Kay, W. H. Co., 244 Fulton, N. Y.
Kroeschell Bros. Co., 55 Erie, Chicago
Lamb, F. W. Co., 259 Kinzie, Chicago.
Lord & Burnham Co., Irvington, N. Y., & 1133 B'way, N. Y.
Phillips Mfg. Co., West Side av, Jersey City, N. J.
Prentice, L. H. Co., 34 Sherman, Chicago, Ill.
Reynolds, James, 33 Mill, Rochester, N. Y.
Scollay, John A. (est. of), Brooklyn, N. Y.

Heating (Paul System of Steam)

Paul System Co., 199 Washington, Boston, Mass.; Park Row bldg, N. Y.
Western Paul Steam System Co., 279 Dearborn, Chicago

Heating Thermometers

(See Thermometers, Various Kinds.)

Heating (Vapor System)

Vapor Heating Co., York, Pa.

Heating (Webster System of Steam)

Webster, Warren & Co., Camden, N. J.; 322 B'way, New York; Monadnock bldg, Chicago, Ill., & Tremont bldg, Boston, Mass.

Heating & Ventilating Engineers (Consulting)

Adams & Schwab, Calvert bldg, Baltimore, Md., & 420 Walnut, Phila., Pa.
ANDREWS & JOHNSON CO., 256 Wash'n boul, Chicago. (See adv. index, end of book)
Baldwin Enigneering Co., 107 W 17th, N. Y.
Barrus, Geo. H., Pemberton bldg, Boston, Mass.
Blood & Hale, 10 P O sq, Boston, Mass.
Bryan, Wm. H., Lincoln Trust bldg, St. Louis, Mo.
Campbell, Chas. A., Herald bldg, Watertown, N. Y.
Clarkson, Robt. C., Stephen Girard bldg, Philadelphia, Pa.
Darrach, Chas. G., Drexel bldg, Phila., Pa.
Furber, Wm. C., 423 Chestnut, Phila., Pa.
Harman, Jacob A., Dime Saving Bk., Peoria, Ill.
Hill, Quick & Allen, Equitable bldg, Baltimore, Md.
Klemm, J. Geo., Jr., City Trust bldg, Phila., Pa.
Monroe, Jno. S., Monadnock blk., Chicago
MUNICIPAL ENGINEERING CO. (Consulting), 41 Wall, New York. (See adv. index, end of book)
Pierce, Richardson & Neiler, Manhattan bldg., Chicago, Ill.
Roberts & Abbott Co., Electric bldg, Cleveland, O.
Sayward, Jno. F. & Co., 21 W 24th, N. Y.
Richmond, Va.
Steenson, R. J. & Co., 912 Federal, Allegheny, Pa.
Thomson, T. N., Scranton, Pa.
Van Winkle, Franklin, 39 Cortlandt, N. Y.
Wolcott, Henry A., 49 Pearl, Hartford, Conn.
Woodbridge, S. Homer (Inc.), 120 Tremont, Boston, Mass.

Heating & Ventilating Engineers (Contracting)

(See also Heating Contractors, Steam & Hot Water; this is a duplication of that trade.)

American Blower Co., 1400 Russell, Detroit, Mich.
American Warming & Ventilating Co., 435 Wabash av, Chicago
ANDREWS & JOHNSON CO., 256 Wash'n boul. (See adv. index, end of book)
Baker, Smith & Co., 83 W. Houston, New York
Bates, Edw. P., 228 W. Water, Syracuse, N. Y.
Bayley, Wm. & Sons Co., 732 Greenbush, Milwaukee, Wis.
Blake & Williams, 211 W. 20th, New York
Boston Blower Co., Hyde Park, Mass.
Crook-Horner & Co., 303 N. Howard, Baltimore, Md.
Cryer, T. B. & Co., 249 High, Newark, N. J.
Cryer, Albert A., Park Row bldg., New York
Curran, Jas. Mfg. Co., 512 W. 36th, New York
Dixon, Geo. E. & Co. (Inc.), 66 W Monroe, Chicago, Ill.
Evans, Almirall & Co., 281 Water, New York
Franklin, A. B., 167 Ft. Hill sq., Boston, Mass.
Geering Bros. & Co., 422 E. 8th Cincinnati, O.
Heath, Henry W., 418 Wash'n, Lynn, Mass.
Howard & Morse, 45 Fulton, New York
Ingalls & Kendricken, 80 Sudbury, Boston, Mass.
Johnson & Morris, 30 W. 13th, New York
Kruse & Dewented, 427 E Washington, Indianapolis, Ind.
Lewis & Kitchen, Broadway & 9th, Kansas City, Mo.
Moore Heating Co., 704 S. 5th, Minneapolis, Minn.

Muckle, M. R. Jr. & Co., Stephen Girard bldg., Phila., Pa.
NATIONAL BLOWER WORKS, 17th & St. Paul av., Milwaukee, Wis. (See adv. index, end of book)
New York Blower Co., Chicago, Ill.
Nugent, Thos., 223 E. 80th, New York
Phillips, Doup & Co., 56 Pearl, Brooklyn, N. Y.
Roberts & Abbott Co., Electric bldg, Cleveland, O.
Rood, Geo. L., 110 Lake, Chicago, Ill.
Rowe, A. L., Watertown, South Dakota
Saxton & Phillips Co., 405 6th av, S Minneapolis, Minn.
Serrell & Schenck, 17 State, N. Y.
Shaw-Kendall Engineering Co., 3 St. Clair, Toledo, Ohio
Spear & Hansen Co., 58 W Randolph
STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 131 Liberty, N. Y.; 281 S Cilnton, Chicago; 135 N 3d, Phila., Pa., & 147 Queen Victoria St., London, Eng. (See adv. index, end of book)
Washburn & Garfield Mfg. Co., Worcester, Mass.
Wells & Newton Co., 292 Ave. B, New York

Hinge Mfrs.

(Under this heading see sub-classifications.)

Aetna Nut Co., Southington, Conn.
American Ring Co., Waterbury, Conn.
American Tube & Stamping Co. (Folding Bed), Bridgeport, Conn.
Arcade Mfg. Co., Freeport, Ill.
Ashtabula Mfg. Co., Ashtabula, O.
Austin & Eddy (Blind), 117 Broad, Boston, Mass.
Bardsley, J., 147 Baxter, N. Y.
Barrows Lock Co., Lockport, Ill.
BENEDICT & BURNHAM MFG. CO., Waterbury, Conn.; 253 B'way, N. Y.; 172 High, Boston, Mass., & 167 Lake, Chicago, Ill. (See adv. index, end of book)

BOMMER SPRING HINGES

257 to 271 Classon av, Brooklyn, N. Y. (See adv. index, end of book)
Buckley-Hart Mfg. Co., 541 Franklin, Detroit, Mich.
Chicago Hardware Co., 132 Lake, Chicago, Ill.
Chicago Spring Butt Co., 493 Carroll av., Chicago, Ill.
Clark Mfg. Co., 260 Chandler, Buffalo, N. Y.
Coleman Hardware Co. (Spring), 59 Dearborn, Chicago, Ill.
Columbian Hardware Co., Coe & Hamilton, Cleveland, O., & 14 Warren, N. Y.
Corbin, P. & F., New Britain, Conn.; 17 Murray, New York; 104 Lake, Chicago, Ill., & 925 Market, Phila., Pa.
Detroit Shipbuilding Co. (Brass Department), Detroit, Mich.
Devlin, Thos. & Co., 3d & Lehigh av, Phila., Pa.
Eagle Lock Co. (Brass), Terryville, Conn., & 98 Chambers, N. Y.
Edwardsville Brass Co. (Brass), Edwardsville, Ill.
Gardner's, J. B. Sons, Ansonia, Conn.
Hager, C. & Sons Hinge Mfg. Co., 2427 De Kalb, St. Louis, Mo.
Hildenbrandt Automatic Hinge Co., 125 Longworth, Cinn., O.
Hale & Benjamin, Greenfield, Mass.
Hoffman Hinge & Foundry Co. (Screen Door etc.), Hubbard, Porter & Burlington sts., Cleveland, O.
Kohler, F. E. & Co., Canton, O.
Kupferle, Jno. C., 2d & Mound, St. Louis, Mo.
Lawson Mfg. Co. (Double Acting Floor Spring & Pivot Hinge without Spring), 40 Dearborn, Chicago, & Racine, Wis.
Lockwood Mrf. Co., South Norwalk, Conn.
McKinney Mfg. Co. (Steel Butts, Strap & T.), Locust & Market, Allegheny, Pa.
New England Lock & Hinge Co. (Brass Finish & Tin), Winchendon, Mass.
Norwalk Lock Co., S Norwalk, Conn.
Parker, Chas. Co., Meriden, Conn.
Payson Mfg. Co., 1319 W Jackson boul, Chicago, Ill.
Peck, Stow & Wilcox Co., Southington, Conn.: Cleveland, O., & 27 Murray, N. Y.
Penn Hardware Co., Reading Pa.
Pleuger & Henger Mfg. Co., 11th & Hebert, St. Louis, Mo
Plume & Atwood Mfg. Co., 29 Murray, N. Y.: 144 High, Boston, Mass., 199 Lake, Chicago, Ill., & Waterbury, Conn.
Pullman Mfg. Co., Rochester, N. Y.
Reading Hardware Co., Reading, Pa.; 105 Lake, Chicago, Ill.; 96 Reade, New York, & 617 Market, Phila., Pa.
Root, C. J. (Wrought Brass), Bristol, Conn.
Russell & Erwin Mfg. Co., 45 Chambers, N. Y.; New Britain, Conn., & 19 N 5th, Phila., Pa.
Sargent & Co., New Haven, Conn., & 151 Leonard, N. Y.
Schroder, J. B. & Co., 133 E 5th, Cincinnati, O.
Scovill Mfg. Co., 423 Broome, N. Y.; Waterbury, Conn., & 210 Lake, Chicago
Sessions, J. H. & Son (Trunk), Bristol, Conn.
Shannon, J. B. & Sons, 1020 Market, Phila.
Shelby Spring Hinge Co. (Double Acting Spring), Shelby, O.
STANLEY WORKS, New Britain, Conn., & 79 Chambers, N. Y. (See adv. index, end of book)
Stearns, E. C. & Co., 100 Oneida, Syracuse, N.Y.
Stover Mfg. Co., Freeport, Ill.
Taylor & Boggis Foundry Co., 521 Seneca, Cleveland, O.
Tiebout, W. & J. (Cast Brass), 118 Chambers, N. Y.
Union Mfg. Co., New Britain, Conn., & 103 Chambers N. Y.
Van Wagoner Co. (Ball Bearing), 27 Perkins pl., Cleveland, Ohio
Wheeling Hinge Co., Wheeling, W. Va.
Wilcox, Crittenden & Co., Middletown, Conn.
Wise, J. B. (Sewing Machine, Closet and Organ) Watertown, N. Y.
Woodruff, W. W. & Sons Co. (Carriage Door etc.), Mt. Carmel, Conn.
Wrigtsville Hardware Co. (Shutter, Blind & Gate), Wrightsville, Pa.
YALE & TOWNE MFG. CO., 9 Murray, New York; Witherspoon bldg, Philadelphia, Pa.; 131 Wabash av, Chicago, Ill.; 12 Pearl, Boston, Mass.; Stamford, Conn., & San Francisco, Cal. (See adv. index, end of book)

Hinge Plates

Peters, Jas. & Son (Wrought Iron), 1934 N Front, Phila., Pa.

Hinges (Awning)

CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
Wilcox, Crittenden & Co., Middletown, Conn.

Hinges (Ball-bearing Steel Butt)

STANLEY WORKS, New Britain, Conn., & 79 Chambers, N. Y. (See adv. index, end of book)

Hinges (Basket)

STANLEY WORKS (Bronze Wrought Steel, etc.), New Britain, Conn. ,& 78 Chambers, New York. (See adv. index, end of book)

Hinges (Blind & Shutter)

Austin & Eddy, 117 Broad, Boston, Mass.
Baitinger & Berkley Patent Hinge Mfg. Co., 122 N. 7th, St. Louis, Mo.
Clark Mfg. Co. ("Dixie"), 260 Chandler, Buffalo, N. Y.
Enterprise Foundry Co., 48 Olean, Rochester, N. Y.
Hale & Benjamin, Greenfield, Mass.
NATIONAL SUPPLY CO. ("Lull," "Porter" & "Clark" Pattern), 7 W Lombard, Baltimore, Md. (See adv. index, end of book)
Palmer Hardware Mfg. Co., Green Island P O. Troy, N. Y.
Parker, Chas. Co., Meriden, Conn.
Penn Hardware Co., Reading, Pa.
Peters, Jas. & Son (Wrought Iron Shutter), 1934 N Front, Phila., Pa.
Pleuger & Henger Mfg. Co., 11th & Hebert, St Louis, Mo
Reading Hardware Co., Reading, Pa.; New York Phila., Pa., & Chicago, Ill
Russell & Erwin Mfg. Co., New Britain, Conn., & 43 Chambers, New York
Sargent & Co., New Haven, Conn., & 151 Leonard, New York
STANLEY WORKS (Wrought Steel & Cast), New Britain, Conn., &79 Chambers, N. Y. (See adv. index, end of book)
Stover Mfg. Co., Freeport, Ill.
Susquehanna Casting Co., Wrightsville, Pa.
Whipple, R. P. & Co. (Automatic), Springfield, Mass.
Wrightsville Hardware Co. ("Stengers," "Shepard's," "Niagara," "Clark's," "Buffalo," "Champion," "Steamboat," "Pioeern," "Empire" & Mortise Gravity-Locking Blind Hinges & "O. S.," "Acme" & "Queen City" Shutter Hinges, Wrightsville, Pa.

Hinges (Box)

STANLEY WORKS ("Atwood," Wrought Steel Hinges & Fasts), New Britain, Conn. ,& 79 Chambers, New York. (See adv. index, end of book)

Hinges (Butt)

Barrows Lock Co., Lockport, Ill.
BENEDICT & BURNHAM, MFG. CO., Brass), Waterburg, Conn.; 253 B'way, New York; 172 High, Boston, Mass.; 167 Lake, Chicago, Ill. (See adv. index, end of book)

BOMMER SPRING HINGES

257 to 271 Classon av, Brooklyn, N. Y. (See adv. index, end of book)
Bromson, Homer Co., Beacon Falls, Conn.
Chicago Hardware Co., 132 Lake, Chicago, Ill.
Clark Mfg. Co. (Cast Door), 260 Chandler, Buffalo, N. Y.
Columbian Hardware Co., Coe & Hamilton, Cleveland, O., & 14 Warren, N. Y.
Corbin, P. & F., New Britain, Conn.; 104 Lake, Chiago, Ill.; 17 Murray, N. Y., & 925 Market, Phila., Pa.
Detroit Shipbuilding Co. (Brass Department), Detroit, Mich.
Gardner's, J. B. Sons, Ansonia, Conn.
Lockwood Mfg. Co., South Norwalk Conn.
McKinney Mfg. Co. (Wrought Steel), Allegheny, Pa.
Norwalk Lock Co., S Norwalk, Conn.
Peck, Stow & Wilcox Co., 27 Murray, New York; Cleveland, O., & Southington, Conn.
Penn Hardware Co. (Bronze Cast), Reading, Pa.
Plume & Atwood Mfg. Co., Waterbury, Conn.; 29 Murray, N. Y., & 144 High, Boston
Reading Harware Co., Reading, Pa.; 105 E Lake, Chicago, Ill.; 96 Reade, New York, & 617 Market, Philadelphia, Pa.
Root, C. J., Bristol, Conn.
Russell & Erwin Mfg. Co., New Britain, Conn.; 43 Chambers, New York; 19 N 5th, Phila., Pa.; Marquette bldg, Chiago, Ill., & Baltimore, Md.
Sargent & Co., New Haven, Conn., & 151 Leonard, N. Y.
Schroder, J. B. & Co. (Brass, etc.). 133 E. 5th, Cincinnati, O.
Scovill Mfg. Co., 423 Broome, N. Y., 210 Lake, Chicago, Ill., & Waterbury, Conn.
Stover Mfg. Co., Freeport, Ill.
YALE & TOWNE MFG. CO. (Brass, etc.), 9 Murray, New York; Witherspoon bldg, Philadelphia; 131 Wabash av, Chicago, Ill.; 12 Pearl, Boston, Mass., & San Francisco, Cal. (See adv. index, end of book)

Hinges (Cellar Door)

Peters, Jas. & Son (Wrought Iron), 1934 N Front, Phila., Pa.

Hinges (Cigar Box)

Grammes, L. F. & Sons, Allentown, Pa.
Schoenhut, A. Co., 2215 Adams, Phila., Pa.

Hinges (Circular Door & Window)

Hoeg, R. C. & Co., 11th & Catharine, Phila., Pa.

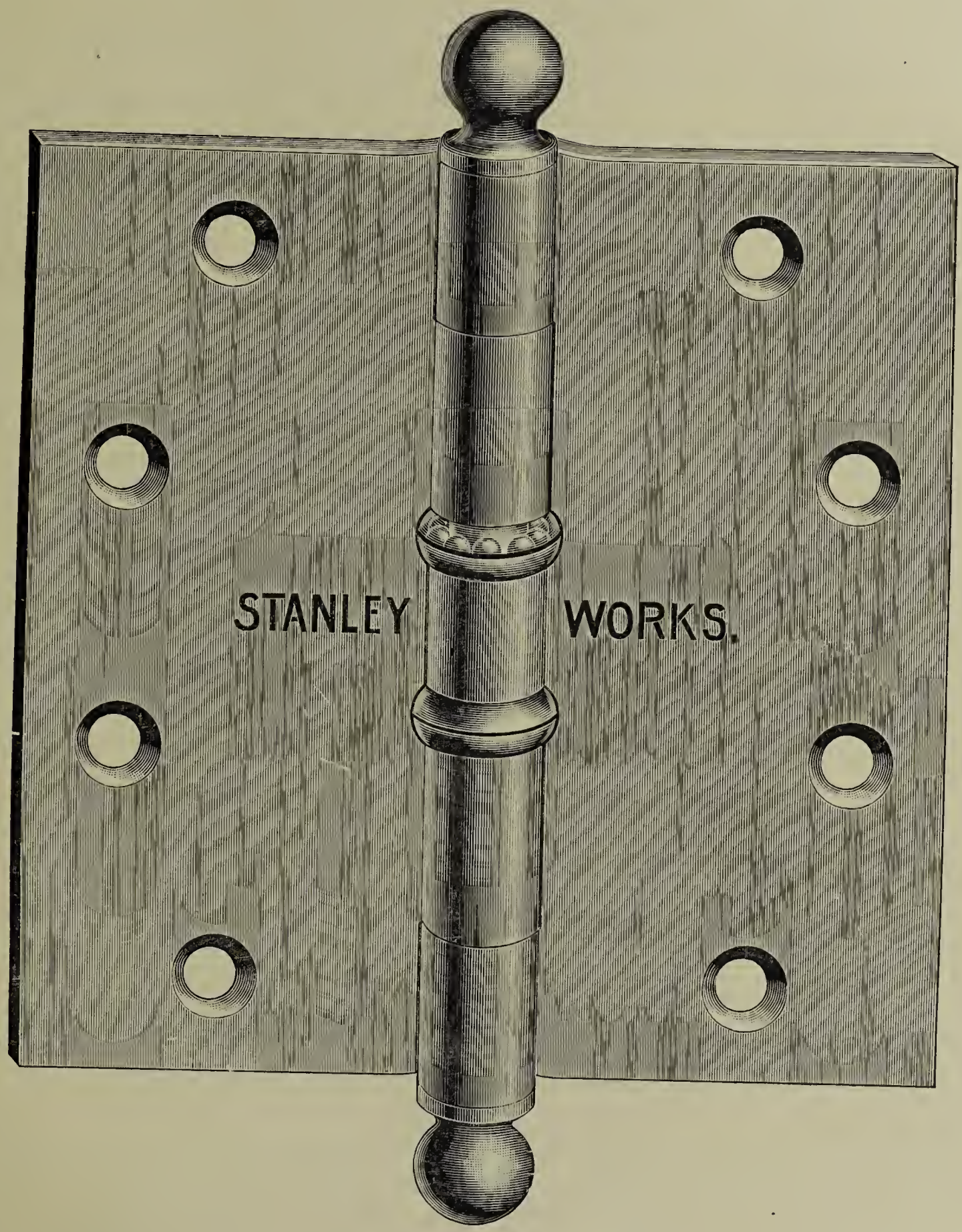
THE STANLEY WORKS,

New Britain, Conn., and 75 Chambers St., New York

MAKERS OF

WROUGHT STEEL BUTTS, DOOR BOLTS, HINGES, ETC., ALSO

COLD ROLLED STRIP STEEL FOR ALL PURPOSES.



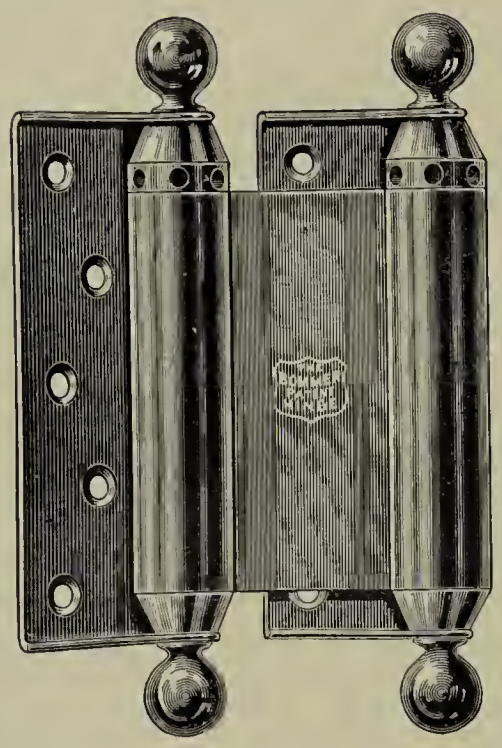
BALL BEARING Butts in Wrought Bronze and Steel. The Ideal Butt for Heavy Doors. No friction in the joint, consequently no wear. No oil or grease to disfigure finishes and gather dust. The washer is so constructed that it will not come apart. No creaking of door. Low cost.

Correspondence from Architects Solicited.

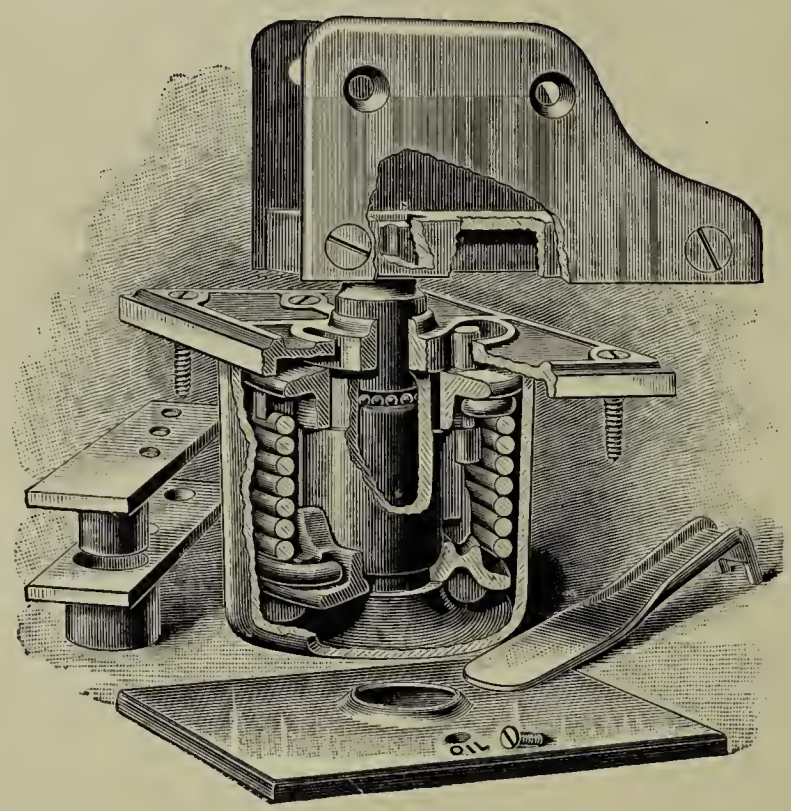
BOMMER SPRING HINGES

ARE QUALITY GOODS

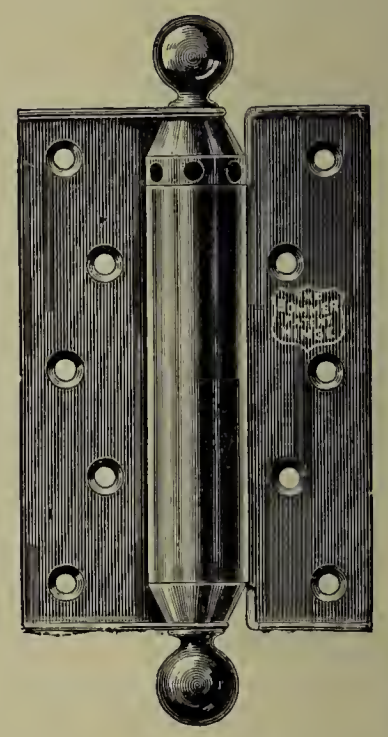
THEY CLOSE DOORS AUTOMATICALLY.



Double Action.



Brommer Floor Spring Hinge.

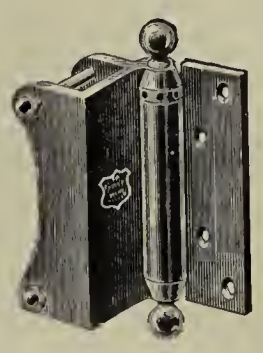


Single Action.

DON'T ERR IN JUDGMENT when buying spring hinges, which of all hardware perform the hardest work. Bommer Spring Hinges never fail to give satisfaction and have withstood the test of time. "PRACTICALLY UNBREAKABLE" says the World's Fair Award, Chicago, 1893.

BOMMER BOX FLANGED SPRING HINGES AND STRIKES

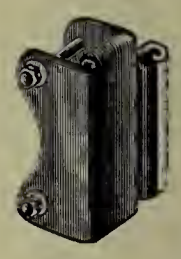
ARE THE STANDARD GOODS FOR LAVATORY DOORS.



BOMMER SCREEN DOOR HINGES

ARE INGENIOUS, PRACTICAL AND DURABLE

Push and Kick Plates Made to Order.



COMPLETE CATALOGUE SENT ON APPLICATION.

Established 1876. **BOMMER BROTHERS,** Manufacturers

Works and Offices: 255 to 271 CLASSON AVE. BROOKLYN, NEW YORK.

Highest Award	GOLD MEDAL	GOLD MEDAL	GOLD MEDAL	Highest Award	Highest Award
					
Chicago, 1893.	Omaha, 1898.	PARIS, 1900.	BUFFALO, 1901.	Munich, 1898.	Philadelphia, 1899.

Hinges (Closet Door)

Edwardsville Brass Co. (Double Acting Spring), Edwardsville, Ill.
Niles Mfg. Co., 16 N Canal, Chicago, Ill.

Hinges (Closet Seat)

Brass Goods Mfg. Co., 7 Warren, N. Y., & Nevin & Union, Brooklyn, N. Y.

BOMMER SPRING HINGES

257 to 271 Classon av, Brooklyn N. Y. (See adv. index, end of book)
Columbian Hardware Co., Coe & Hamilton, Cleveland, O., & 14 Warren, N. Y.
Crescent Mfg. Co., Connellsville, Pa.
Edwardsville Brass Co., Edwardsville, Ill.
Ireland & Matthews Mfg. Co., Detroit, Mich.
Knott-Van Arnam Mfg. Co., Fort Wayne, Ind.
Ohio Pump & Brass Co., Columbus, O.
Plume & Atwood Mfg. Co., Waterbury, Conn., Chicago, & 29 Murray, N. Y.
Pickering, R. S., Sharon Hill, Pa.
Reading Hardware Co., Reading Pa.; 96 Reade, N. Y.; 617 Market, Phila., Pa., & 105 Lake, Chicago
Springfield Brass Co. (Brass & Nickel), Springfield, O.
STANLEY WORKS, New Britain. Conn., & 79 Chambers, New York. (See adv. index, end of book)
Wise, J. B., Watertown, N. Y.

Hinges (Double-Acting Spring)

BOMMER SPRING HINGES

257 to 271 Classon av, Brooklyn, N. Y. (See adv. index, end of book)
Niles Mfg. Co., 16 N Canal, Chicago
Shelby Spring Hinge Co., Shelby, O.
Stover Mfg. Co. ("New Idea"), Freeport, Ill.
Van Wagoner Co., Cleveland, O.
Wilcox Mfg. Co., Aurora, Ill.

Hinges (Engine House)

Chicago Spring Butt Co., 491 Carroll av, Chicago, Ill., & 97 Chambers, N. Y.

Hinges (Factory Door)

Dayton Malleable Iron Co. (Malleable Iron), Dayton, O.

Hinges (Fire Shutter)

Lanz, M. & Sons, 101 S 29th, Pittsburg, Pa.

Hinges (Flask)

STANLEY WORKS (Wrought Steel), New Britain, Conn., & 79 Chambers, New York. (See adv. index, end of book)

Hinges (Flexible Steel)

Pullman Mfg. Co., Rochester, N. Y.

Hinges (Floor)

Chicago Spring Butt Co. (Double Acting), 491 Carroll, Chicago
Coleman Hdw. Co. (Double Acting), 59 Dearborn, Chicago
Lawson Mfg. Co. (Double Acting Ball Bearing Spring, etc.), 40 Dearborn, Chicago, Ill., & Racine, Wis.
Shelby Spring Hinge Co. ("Chief" Double Acting Spring), Shelby, O.

Hinges (Gate)

Clark Mfg. Co., 260 Chandler, Buffalo, N. Y.
Griffin Mfg. Co. (End Gate), Erie, Pa.
Kupferle, Jno. C. (Self Closing, etc.), St. Louis, Mo.
Lanz, M. & Sons, 101 S 29th, Pittsburg, Pa.
Parker, Chas. Co., Meriden, Conn.
Peck, Stow & Wilcox Co., Southington, Conn.; 27 Murray, N. Y., & Cleveland, O.
Penn Hardware Co., Reading, Pa.
Peters, Jas. & Son (Wrought Iron), 1934 N Front
Pleuger & Henger Mfg. Co., 11th & Hebert, St. Louis, Mo.
Reading Hardware Co., Reading, Pa.; New York, Phila., & Chicago
Sargent & Co., New Haven, Conn., & 151 Leonard, N. Y.
Susquehanna Casting Co., Wrightsville, Pa.
Swett, A. L. Iron Works (Automatic), Medina, N. Y.
Wheeling Hinge Co., Wheeling, W. Va.
Wilcox Mfg. Co. (Double Acting, Steel, etc.). Aurora, Ill.
Wrightsville Hdw. Co. ("Shepard's" or "Clark's" Reversible & Self-Closing Hinges & Latches), Wrightsville, Pa.

Hinges (Green House Sash)

Carmody, J. D. (Indestructible), Evansville, Ind.

Hinges (Invisible)

Soss Invisible Hinge Co. ("Soss"), 150 Nassau, New York

Hinges (Office Gate)

BOMMER SPRING HINGES

257 to 271 Classon av., Brooklyn, N. Y. (See adv. index, end of book)

Hinges (Office Railing)

BOMMER SPRING HINGES

257 to 271 Classon av., Brooklyn, N. Y. (See adv. index, end of book)
Columbian Hardware Co., Coe & Hamilton, Cleveland, O., & 14 Warren, N. Y.

Hinges (Piano & Organ)

Wise, J. B., Watertown, N. Y.

Hinges (Plate)

Peters, Jas. & Son (Wrought Iron), 1934 N Front, Phila., Pa.

Hinges (Refrigerator)

Penn Hardware Co., Reading, Pa.
STANLEY WORKS (Wrought Brass, Plain & Corrugated, & Wrought Steel Bar Bearing), New Britain, Conn., &79 Chambers, New York. (See adv. index, end of book)
Western Brass Mfg. Works. (Inc.), 63 S Canal, Chicago, Ill.

Hinges (Screen Door)

Arcade Mfg. Co., Freeport, Ill.

BOMMER SPRING HINGES

257 to 271 Classon av, Brooklyn, N. Y. (See adv. index, end of book)
Chicago Spring Butt Co., 491 Carroll, Chicago, Ill.
Columbian Hardware Co., Coe & Hamilton, Cleveland, O., & 14 Warren, N. Y.
Hoffman Hinge & Foundry Co., Hubbard, Porter & Burlington Sts, Cleveland, O.
Schatt & Morgan Cutlery Co., Titusville, Pa.
Stover Mfg. Co., Freeport, Ill.
Van Wagoner Co., Cleveland, O.

Hinges (Screw Hook & Eye)

Lanz, M. & Sons, 101 S 29th, Pittsburg, Pa.
Oliver Iron & Steel Co., Pittsburg, Pa.

Hinges (Sewing Machine)

Wise, J. B., Watertown, N. Y.

Hinges (Shutter)

(See Hinges, Blind & Shutter.)

Hinges (Spring, Bank & Office Railing)

BOMMER SPRING HINGES

257 to 271 Classon av, Brooklyn, N. Y. (See adv. index, end of book)
Chicago Spring Butt Co., 491 Carroll av, Chicago, Ill.
Orr & Lockett Hardware Co., 50 State, Chicago, Ill.

Hinges (Spring Butt)

BOMMER SPRING HINGES

257 to 271 Classon av, Brooklyn, N. Y. (See adv. index, end of book)
Chicago Spring Butt Co., 491 Carroll av, Chicago, Ill.
Columbian Hardware Co., Coe & Hamilton, Cleveland, O., & 14 Warren, N. Y.
Hoffman Hinge & Foundry Co., Cleveland, O.
Orr & Lockett Hardware Co., 71 Randolph, Chicago, Ill.
Van Wagoner Co. (Ball Bearing, Wrought Steel), Cleveland, O.

Hinges (Spring Door)

Bardsley, Joseph, 149 Baxter, N. Y.

BOMMER SPRING HINGES

257 to 271 Classon av, Brooklyn. N. Y. (See adv. index, end of book)
Chicago Spring Butt Co., 491 Carroll av, Chicago, Ill.
Columbian Hardware Co., Coe & Hamilton, Cleveland, O., & 14 Warren, N. Y.
Joliet Spring Hinge Co., Joliet, Ill.
Orr & Lockett Hardware Co., 71 Randolph, Chicago, Ill.
Payson Mfg. Co., 1319 W Jackson boul, Chicago, Ill.
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 27 Murray, N. Y.
Reading Hardware Co., Reading, Pa.; 96 Reade, N. Y.; 105 Lake, Chicago, & 617 Market, Phila., Pa.
Russell & Erwin Mfg. Co., New Britain, Conn., & 43 Chambers, N. Y.
Scovill Mfg. Co., Waterbury, Conn.
Stover Mfg. Co. ("Ideal"), Freeport, Ill.
Van Wagoner Co., Cleveland, O.

Hinges (Spring, for Hardwood Doors)

BOMMER SPRING HINGES

257 to 271 Classon av., Brooklyn, N. Y. (See adv. index, end of book)
Columbian Hardware Co., Coe & Hamilton, Cleveland, O., & 14 Warren, N. Y.

Hinges (Spring, for Interior Marble Work)

BOMMER SPRING HINGES

257 to 271 Classon av, Brooklyn, N. Y. (See adv. index, end of book)
Columbian Hardware Co., Coe & Hamilton, Cleveland, O., & 14 Warren, N. Y.

Hinges (Spring Iron Railing Makers)

BOMMER SPRING HINGES

257 to 271 Classon av, Brooklyn, N. Y. (See adv. index, end of book)
Columbian Hardware Co., Coe & Hamilton, Cleveland, O., & 14 Warren, N. Y.

Hinges (Spring Lavatory)

BOMMER SPRING HINGES

257 to 271 Classon av, Brooklyn, N. Y. (See adv. index, end of book)

Hinges (Spring, Marble Partition)

BOMMER SPRING HINGES

257 to 271 Classon av, Brooklyn, N. Y. (See adv. index, end of book)

Hinges (Spring Metal Railing makers')

BOMMER SPRING HINGES

257 to 271 Classon av, Brooklyn, N. Y. (See adv. index, end of book)
Columbian Hardware Co., Coe & Hamilton, Cleveland, O., & 14 Warren, N. Y.

Hinges (Spring, Safe Makers')

BOMMER SPRING HINGES

257 to 271 Classon av, Brooklyn, N. Y. (See adv. indev, end of book)
Columbian Hardware Co., Coe & Hamilton, Cleveland, O., & 14 Warren, N. Y.

Hinges (Spring Wrought Brass Door)

BOMMER SPRING HINGES

257 to 271 Classon av, Brooklyn, N. Y. (See adv. index, end of book)
Columbian Hardware Co., Coe & Hamilton, Cleveland, O., & 14 Warren, N. Y.

Hinges (Spring, Wrought Bronze Door)

BOMMER SPRING HINGES

257 to 271 Classon av, Brooklyn, N. Y. (See adv. index, end of book)
Columbian Hardware Co., Coe & Hamilton, Cleveland, O., & 14 Warren, N. Y.

Hinges (Spring, Wrought Steel)

BOMMER SPRING HINGES

257 to 271 Classon av, Brooklyn, N. Y. (See adv. index, end of book)
Columbian Hardware Co., Coe & Hamilton, Cleveland, O., & 14 Warren, N. Y.

Hinges (Strap & T)

Acme Flexible Clasp Co. (Acme Strap), 17th & Clark, Chicago, Ill.
Griffin Mfg. Co. (Pressed Steel), Erie, Pa.
Hager, C. & Sons Hinge Mfg. Co., 2427 De Kalb, St. Louis, Mo.
Kohler, F. E. & Co., Canton, O.
Lanz, M. & Sons, 101 S 29th, Pittsburg, Pa.
Lawrence Bros. (Steel), Sterling, Ill.
McKinney Mfg. Co. (Wrought Steel), Allegheny, Pa.
Maryland Hinge Co., Baltimore, Md.
STANLEY WORKS (Wrought Steel, Plain & Corrugated), New Britain, Conn., & 79 Chambers, N. Y. (See adv. index, end of book)
Wheeling Hinge Co., Wheeling, W. Va.
WHITMAN & BARNES MFG. CO. (Wrought Steel), West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, N. Y. (See adv. index, end of book)
Wilcox, Crittenden & Co., Middletown, Conn.

Hinges (Trunk)

STANLEY WORKS (Wrought), New Britain, Conn., & 79 Chambers, New York. (See adv. index, end of book)

Hinges (Wash Tray)

STANLEY WORKS (Wrought Steel), New Britain, Conn., & 79 Chambers, New York. (See adv. index, end of book)

Hinges (Wire)

Acme Flexible Clasp Co., 17th & Clark, Chicago, Ill.
Pickering, R. S., Sharon Hill, Pa.
Reading Hardware Co., Reading, Pa., New York, Philadelphia & Chicago
Springfield Brass Co. (Brass & Nickle Plate), Springfield, Mass.

Hinges (Wrought Brass Corrugated)

STANLEY WORKS, NEW BRITAIN, Conn., & 79 Chambers, N. Y. (See adv. index, end of book)

Hinges (Wrought Steel Butt)

Griffin Mfg. Co., Erie, Pa.
Hager, C. & Sons Hinge Mfg. Co., 2427 De Kalb, St. Louis, Mo.
Lawrence Bros., Sterling, Ill.
McKinney Mfg. Co., Allegheny, Pa.
Reading Hdw. Co., Reading, Pa., New York, Philadelphia & Chicago
STANLEY WORKS, NEW BRITAIN, Conn., & 79 Chambers, N. Y. (See adv. index, end of book)
Van Wagoner Co. (Ball Bearing), 27 Perkins pl, Cleveland, O.
Wheeling Hinge Co., Wheeling, W. Va.

Hitchings (Mine Car)

Eclipse Mfg. Co., Pittsburg, Pa.
Harris, Wm. & Son, 711 Belmont, Allegheny, Pa.
Hockensmith Wheel & Mine Car Co., Irwin, Pa.
Niles Mine & Mill Supply Co. (Clevis & Hook), Cleveland, O., & Niles, O.
Pittsburg Gage & Supply Co., Pittsburg, Pa.
Standard Chain Co., 301 Ross, Pittsburg, Pa.

Hobs (Bolt Cutter)

Card, S. W. Mfg. Co., Mansfield, Mass.
Ellison Bros., 2213 Bridge, Fkd., Phila., Pa.
HELWIG MFG. CO., National German-American Bank bldg, St. Paul, Minn. (See adv. index, end of book)
Wells Bros. Co., Greenfield, Mass.

Hobs (Worm)

Brown & Sharpe Mfg. Co., Providence, R. I.
Gay & Ward, Athol, Mass.
Gould & Eberhardt, Newark, N. J.
Niles-Bement-Pond Co., 136 Liberty, N. Y. Works: Hamilton, O.; Phila., Pa., & Plainfield, N. J.

Hod Hoisting Machines

(See Elevators, Hod.)

Hods (Coal)

Geuber & Paeschke Mfg. Co., Milwaukee, Wis.
Iron Clad Mfg. Co., 4 Cliff, N. Y.
Sweeney, W. H. Mfg. Co. (Brass), 66 Water, Brooklyn, N. Y.

Hods (Mortar & Brick)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Cleveland Wire Spring Co. (Hercules Steel), Cleveland, O.
Geauga Foundry & Mfg. Co. (Steel), Painesville, O.
Lansing Wheelbarrow Co., Lansing, Mich.
Stortz, Jno. & Son, 210 Vine, Phila., Pa.

Hoe Mfrs.

American Axe & Tool Co. (Grub), Glassport, Pa., & 253 B'way. N. Y.
American Fork & Hoe Co. (Boys, Field, Garden. Mortar Mixer, Ladies' Cultivator, Planters, Onion Weeders, Turnip Weeding, etc.), Main office: Cleveland, O. Export office: 11 Broadway. N. Y. Factories, Ashtabula, O.; Wallingford, Vt.; Binghamton, N. Y.; St. Johnsbury, Vt.; Girard, Pa.; Frankford, Phila., Pa.; Utica, N. Y.; Willoughby, O.

American Fork & Hoe Co., Cleveland, O., & St. Johnsburg, Vt.
ANDERSON, W. H. & Sons, Detroit, Mich. (See adv. index, end of book)
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Bradley's, C. W. Sons (Cranberry, Shuffle, etc.), Westport, Conn.
Brown, Hinman & Huntington Co. (Garden, Mortar, Planters, etc.), Columbus, O.
Chantrell Tool Co. (Garden Hocs), Reading, Pa., & 103 Reade, New York
Collins Co., Collinsville, Conn., & 212 Water, N. Y.
Continental Tool Co. (Field, Garden, Mortar, Mixing, Planter, Cotton, Chopper, Sugar Cane & Shuffle), Frankfort, N. Y.
Cronk & Carrier Mfg. Co. ("Wedding"), Elmira, N. Y.
Derby & Ball, Bellows Falls, Vt.
Findlay Axe & Tool Co. (Grub, etc.), Findlay, O.
Geneva Tool Co., Geneva, Ohio
Gerlach, Peter & Co., 28 Columbus, Cleveland, O.
Harriman Hoe & Tool Co. ("Razor Edge," Mortar, Planters, Cotton, Field or Garden "C'hampion," Wedding, etc.), Harriman, Tenn.
Hussey Plow Co., No. Berwick, Me.
Iowa Farming Tool Co., Fort Madison, Iowa
Iron City Tool Works (Grub, Palmetto, etc.), 32d & Smallman, Pittsburg, Pa.
Klein, Logan Co. (Grub, Palmetto, etc.), S 13th, Pittsburg, Pa.
Mack & Co. (Grub, Grape, etc.), Rochester, N. Y.
Maynard, C. A., Northampton, Mass.
North Wayne Tool Co. (The C. C. Brooks), Hollowell, Me.
Plumb, Fayette R., Frankford, Phila.
Sandusky Tool Co. (Planters, Grub, Grape, Tobacco, Rice, Cane, Cotton, Street Cleaning, etc.), Sandusky, O.
Union Furnace Mfg. Co. (Malleable Iron), Norrell, Pa.
Warwood Tool Co. (Grub & Hazel), Wheeling, W. Va.
Withington & Cooley Mfg. Co. (Field Cotton Plater, Weeding, etc.), Jackson, Mich.

Hoes (Horse)

Adams, G. & Son, Rome, N. Y.
Allen, S. L. & Co., 1107 Market, Phila., Pa.
Ames Plow Co., Quincy Hall, Boston, Mass.
Bateman Mfg. Co., Grenloch, N. J.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Bement's, E. Sons, Lansing, Mich.
Benecia Agricultural Works, Benecia, Cal.
Bradley, David Mfg. Co., Bradley, Ill.
Farquhar, A. B. Co., York, Pa.

Hoes (Wheel)

Allen, S. L. & Co. 1107 Market, Phila., Pa.
Ames Plow Co., Quincy Hall, Boston, Mass.
Bacon Mfg. Co., Pontiac, Mich.
Bateman Mfg. Co., Grenloch, N. J.
Fuller Mfg. Co., Danvers, Mass.
Fuller & Johnson Mfg. Co., Racine, Wis.
Hussey Plow Co., North Berwick, Me.
Jelliff, C. O. & Co., Southport, Conn.
Moline Plow Co., Moline, Ill.

Hoisting Engines

(See Engines, Hoisting).

Hoists (Air Motor)

(See Pneumatic Hoists.)

Hoists (Ash)

Link Belt Enigneering Co. ("Chamberlain"), Nicetown, Phila., Pa.; 47 Dey, New York, & Park bldg, Pittsburg, Pa.
SPEIDEL, J. G. ("Cellar"), cor Buttonwood & Gordon, Reading, Pa. (See adv. index, end of book)
STORM MFG. CO., Newark, N. J. (See adv. index, end of book)

Hoists (Chain)

Boston & Lockport Block Co., 160 Commercial, Boston; 33 South, N. Y., & Lockport, N. Y.
Box, Alfred & Co., 813 N Front, Phila., Pa.
CHICAGO PNEUMATIC TOOL CO., (Pneumatic), Fisher bldg, Chicago, & 95 Liberty, N. Y. (See adv. index, end of book)
CHICAGO TOOL & SUPPLY CO., 356 Dearborn, Chicago, Ill. (See adv. index, end of book)
CHISHOLM & MOORE MFG. CO. ("'Moore's" Anti-Friction Differential with Automatic Brake), Lake & Kirkland, Cleveland, O. (See adv. below)
Contractors' Plant Mfg. Co., 129 Erie, Buffalo, N. Y.
Dake Engine Co .(Pneumatic), Grand Haven, Mich.
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y., & 42 Dey, N. Y. (See adv. index, end of book)
Dunn, Jas. P., 207 Dunham av, Cleveland, O.
Eckstein, Chas. G., 249 Centre, N. Y.
Empire Engine & Motor Co., Orangeburg, N. Y.
General Pneumatic Tool Co. ("Shepard" Pneumatic), Montour Falls, N. Y.
Harrington, Edwin, Son & Co. (Keystone Spur Geared), 1515 Penna. av, Phila., Pa.
Lane Bros. Co., Poughkeepsie, N. Y.
McCoy, Jos. F. Co. (The Eades, etc.), 157 Chambers, New York
Moore, Franklin Co. ("Acme"), Winsted, Conn.
Ney Mfg. Co. (Rope), Canton, O.
NORTHERN ENGINEERING WORKS ("Electric"), Chene & Atwater, Detroit, Mich. (See adv. index, end of book)
Pawling & Harnischfeger, Milwaukee, Wis., & Chicago, Ill.
Reading Crane & Hoist Works, Reading, Pa.
Round, D. & Son, 2287 B'way, Cleveland, O.
SPEIDEL, J. G., c Buttonwood & Gordon, Reading, Pa. (See adv. index, end of book)
Stuebner, Geo. L. Iron Works, Long Island City, N. Y.
Wagner-Palmros Mfg. Co., Fairmont, W. Va.
YALE & TOWNE MFG. CO. (Triplex, Spur Geared), 9 Murray, N. Y.; Witherspoon bldg, Phila., Pa.; 131 Wabash av, Chicago, Ill.; 12 Pearl, Boston, Mass., & Hayward bldg, San Francisco, Cal. Works, Stamford, Conn. (See adv. index, end of book)

Hoists (Concrete Bucket)

RANSOME CONCRETE MACHINERY Co., 11 B'way, New York. (See adv. index, end of book)

Hoists (Dock & Deck)

Automatic Machine Co., Bridgeport, Conn.
Bartlett, A. F. & Co., Saginaw, Mich.
Chase Machine Co., 111 Elm, Cleveland, O.
Contractors' Plant Mfg. Co., 129 Erie, Buffalo, N. Y.
Dake Machine Co. (Pneumatic or Steam), Grand Haven, Mich.
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y., & 42 Dey, N. Y. (See adv. index, end of book)
Jackson & Church Co., Saginaw, Mich.
Jenks Shipbuilding Co., Port Huron, Mich.
LIDGERWOOD MFG. CO., 96 Liberty, N. Y., & Old Colony bldg, Chicago, (See adv. front colored page)
Union Iron Works, 222 Market, San Francisco, Cal.
Maris Bros., 56th c Gray's av, Phila., Pa.
NORTHERN ENGINEERING WORKS ("Electric"), Chene & Atwater, Detroit, Mich. (See adv. index, end of book)
Williamson Bros., 13th & Noble, Phila., Pa.



FIG. 100.

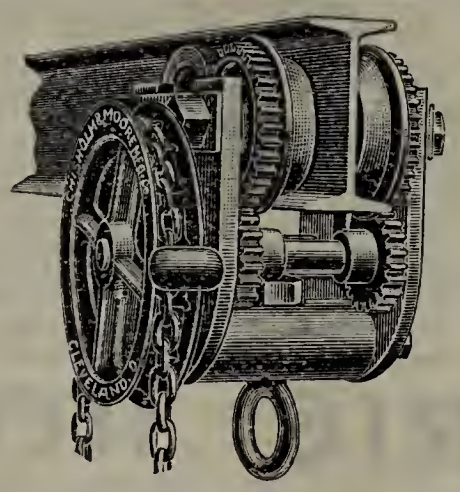


FIG. 112.
GEARED TROLLEY.

FIG. 100.
"MOORE" ANTI-FRICTION CHAIN HOIST.

FIG. 101.
"DIRECT" DIFFERENTIAL PULLEY BLOCK.

Send for Catalogue.



FIG. 101.

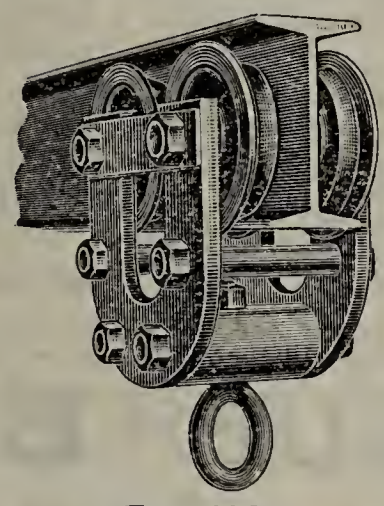


FIG. 113.
PLAIN TROLLEY.

FIG. 200.
"STANDARD" SCREW CHAIN HOIST.

The CHISHOLM & MOORE MFG. CO.,
Cleveland, Ohio.



FIG. 200.

Hoists (Electric)

AMERICAN HOIST & DERRICK CO., St. Paul, Minn. Branch offices: 60 S Canal, Chicago, Ill.; 39 Cortlandt, N. Y.; Tremont bldg, Boston, Mass.; Hennen bldg, New Orleans, La., & Builders Exchange, Baltimore, Md. (See adv. index, end of book)

Box, Alfred & Co., 813 N Front, Phila., Pa.

BROWN HOISTING MACHINERY CO., 1345 St. Clair, Cleveland, O., & 26 Cortlandt, N. Y. (See adv. index, end of book)

BROWNING ENGINEERING CO., Collinwood, Cleveland, O. (See adv. index, end of book)

Cleveland Crane & Car Co., Wickliffe, O.

Cleveland Punch & Shear Works, Cleveland, O.

Denver Engineering Works Co., Blake & 30th, Denver, Col.

DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y., & 42 Dey, N. Y. (See adv. index, end of book)

ELEKTRON MFG. CO., Springfield, Mass.; 179 Lincoln, Boston, Mass.; 408 Orchard, Rochester, N. Y.; 156 5th av, N. Y., & Washington Loan & Trust Co. bldg, Washington, D. C. (See adv. index, end of book)

Flory, S. Mfg. Co., Bangor, Pa.

GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, New York. (See adv. index, end of book)

General Pneumatic Tool Co., Montour Falls, N. Y.

Goodman Mfg. Co., S Halsted & 48th pl, Chicago, Ill.

Hunt, C. W. Co., 45 B'way, N. Y. Works, W. New Brighton, N. Y.

LAMBERT HOISTING ENGINE CO., Main Office & Works, 115-121 Poinier, Newark, N. J.; 85 Liberty, N. Y.; 117 Main, Cambridge, Boston, Mass.; 1715-1717 Market, Phila., Pa.; Lacock & Sandusky, Allegheny, Pa.; 248-250 Water, Toledo, O.; 715-717 N 2d, St. Louis, Mo.; 232 5th av, Chicago, Ill., & Stewart & Folsom, San Francisco, Ca. (See adv. front colored page)

LIDGERWOOD MFG. CO., 96 Liberty, N. Y., & Old Colony bldg, Chicago. (See adv. front colored page)

McMyler Mfg. Co., 182 Columbus, O., Cleveland, O.

Mead-Morrison Mfg. Co., 11 B'way, New York; Boston, Mass., & Chicago, Ill.

Mechanical Appliance Co. ("Watson," Motor Driven), Milwaukee, Wis.

Mine & Smelter Supply Co., Denver, Col.; 139 Liberty, N. Y.; El Paso, Tex., & Salt Lake City, Utah

MUNDY, J. S., 22 Prospect, Newark, N. J. (See adv. front colored page)

NATIONAL HOISTING ENGINE CO., Harrison, N. J. (See adv. index, end of book)

NORTHERN ENGINEERING WORKS ("Chain"), Detroit, Mich. (See adv. next page)

Pawling & Harnischfeger, Milwaukee, Wis., & Monadnock blk, Chicago

Phoenix Electric Mfg. Co., Mansfield, O.

Portland Co., Portland, Me.

RAWSON & MORRISON MFG. CO., (Gearless), Cambridgeport, Mass., & 11 B'way, N. Y. (See adv. index, end of book)

SPRAGUE ELECTRIC CO. (Operated by Round Type Motors), 527 W 34th, New York. (See adv. below)

STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria St., London, Eng. (See adv. index, end of book)

Wellman-Seaver-Morgan Co., Cleveland, O., & Akron, O.

Hoists (Electric Chain)

SPRAGUE ELECTRIC CO., 539 W 34th, New York. (See adv. below)

Hoists (Electric Mining)

Denver Engineering Works Co., Denver, Col.

GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, New York. (See adv. index, end of book)

Goodman Mfg. Co., 39th & Stewart av, Chicago, Ill.

LAMBERT HOISTING ENGINE CO., 119 Poinier, Newark, N. J., & 149 B'way. New York. (See adv. index, end of book)

Mine & Smelter Supply Co., Denver, Col., & Salt Lake City, Utah; El Paso, Tex., & 139 Liberty, N. Y.

Phoenix Electric Mfg. Co., Mansfield, O.

Wellman-Seaver-Morgan Co., Cleveland, O., & Akron, O.

Hoists (Electric Traveling)

NORTHERN ENGINEERING WORKS, Chene & Atwater, Detroit, Mich. (See adv. next page)

SPRAGUE ELECTRIC CO., 539 W 34th, N. Y. (See adv. below)

Hoists (Electric Trolley)

General Pneumatic Tool Co. (Also Electric Trolleys), Montour Falls, N. Y.

SPRAGUE ELECTRIC CO., 529 W 34th, New York. (See adv. below)

Hoists (Gasoline)

FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3rd, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)

NORTHERN ENGINEERING WORKS, Chene & Atwater, Detroit, Mich. (See adv. next page)

Weber Gas & Gasoline Engine Co., Kansas City, Mo.

Witte Iron Works Co., Kansas City, Mo.

Hoists (Gear)

Bethlehem Foundry & Machine Co. (For Ashes & Apartment Houses, etc.), South Bethlehem, Pa.

Hoists (Grip, for Hand Elevators)

Arthur Co., 188 Front, New York

WARSAW ELEVATOR CO., Warsaw, N. Y., & Erie Co. B'k bldg, Buffalo, N. Y. (See adv. index, end of book)

Hoists (Hand)

Adrian Brick & Tile Machine Co., Adrian, Mich.

AMERICAN HOIST & DERRICK CO. (Also Belt), St. Paul, Minn.; 60 S Canal, Chicago; 39 Cortlandt, N. Y.; Tremont bldg, Boston, Mass.; Hennen bldg, New Orleans, La., & Builders' Exchange, Baltimore, Md. (See adv. index, end of book)

Bethlehem Foundry & Machine Co., South Bethlehem, Pa.

Case Mfg. Co. (Hand Power) Columbus, O.

CHISHOLM & MOORE MFG. CO., ("Moore's" Hand Hoist with Lock Brake), Cleveland, O. (See adv. preceding page)

Contractors' Plant Mfg. Co., 129 Erie, Buffalo, N. Y.

Davis, F. M. Iron Works Co. (For Mines, etc.), 8th & Larimer, Denver, Col.

Dedrick's, T. K. Sons, Albany, N. Y.

DOBBIE FOUNDRY & MACHINE CO., (Hand Power), Niagara Falls, N. Y., & 42 Dey, N. Y. (See adv. index, end of book)

Flory, S. Mfg. Co., Bangor, Pa.

Hassell Iron Works Co. (Also Horse Power), Colorado Springs, Col.

LAMBERT HOISTING ENGINE CO., Main Office & Works, 115-121 Poinier, Newark, N. J.; 85 Liberty, N. Y.; 117 Main, Cambridge, Boston, Mass.; 1715-1717 Market, Phila., Pa.; Lacock & Sandusky, Allegheny, Pa.; 248-250 Water, Toledo, O.; 715-717 N 2d, St. Louis, Mo.; 232 5th av, Chicago, Ill., & Stewart & Folsom, San Francisco, Cal. (See adv. front colored page)

Lord, Bowler & Co., 41 Center, Cleveland, Ohio

Mason, Volney W. & Co. (Hand), Providence, R. I.

Mine & Smelter Supply Co. (for Mines, etc.), Denver, Col.; 139 Liberty, N. Y.; El Paso, Tex., & Salt Lake City, Utah

MUNDY, J. S., 22 Prospect, Newark, N. J. (See adv. front colored page)

Ney Mfg. Co., Canton, O.

Parker Co., 1425 Montana, Chicago, Ill.

Sedgwick Machine Works, Poughkeepsie, N. Y., & 110 Liberty, N. Y.

SHAW, WILLIS, 171 LaSalle, Chicago, Ill. (See adv. index, end of book)

SPEIDEL, J. G. (Hand Power), Buttonwood & Gordon, Reading, Pa. (See adv. index, end of book)

SPRAGUE CANNING MACHINERY Co. (Also Power for Canners, etc.), 42 River, Chicago, Ill. (See adv. below)

WARSAW ELEVATOR CO., Warsaw, N. Y., & Erie Co. B'k bldg, Buffalo, N. Y. (See adv. index, end of book)

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Sprague Electric Hoists are made in a large variety of types and sizes from 1-2 to 10 tons capacity, and are rapidly being installed throughout the country for all purposes of hoisting, because of their great economy in handling materials.

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Bartlett, Hayward & Co., Continental bldg, Baltimore, Md., & 100 B'way, N. Y.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton. Phila., Pa.

Hoists (Sidewalk)

(See Elevators—Sidewalk.)

Hoists (Steam)

Adrian Brick & Tile Machine Co., Adrian, Mich.
Allis-Chambers Co., New York LiLfe bldg, Chicago, Ill., & 71 B'way, New York. Works: Chicago, Scranton, Pa., & Milwaukee
AMERICAN HOIST & DERRICK CO., St. Paul, Minn. Branch offices: 60 S Canal, Chicago, Ill.; 39 Cortlandt, N. Y.; Tremont bldg, Boston, Mass.; Hennen bldg, New Orleans, La., & Builders' Exchange, Baltimore, Md. (See adv. index, end of book)
Box, Alfred & Co., 813 N Front, Phila., Pa.
BROWNING ENGINEERING CO., Cleveland, O. (See adv. index, end of book)
BYERS, JOHN F., MACHINE CO., Ravenna, Ohio. (See adv. index, end of book)
Contractors' Plant Mfg. Co., 129 Erie, Buffalo, N. Y.
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y., & 42 Dey, N. Y. (See adv. index, end of book)
FAIRBANKS, MORSE & CO. (Steam Geared), Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3rd, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market; San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Flory, S. Mfg. Co., Bangor, Pa.
Freeman, J. W., Joplin, Mo.
Hendrie & Bolthoff Mfg. & Supply Co., 1625 17th, Denver, Col.
Hunt, C. W. Co., 45 B'way, N. Y. Works, W. New Brighton, N. Y.
Jackson & Church Co., Saginaw, Mich.
LAMBERT HOISTING ENGINE CO., Main Office & Works, 115-121 Poinier, Newark, N. J.; 85 Liberty, N. Y.; 117 Main, Cambridge, Boston, Mass., 1715-1717 Market, Phila., Pa.; Lacock & Sandusky, Allegheny, Pa.; 248-250 Water, Toledo, O.; 715-717 N 2d, St. Louis, Mo.; 232 5th av, Chicago, & Stewart & Folsom, San Francisco, Cal. (See adv. front colored page)
LIDGERWOOD MFG. CO., 96 Liberty, N. Y., & Old Colony bldg. Chicago. (See adv. front colored page)
Lord, Bowler & Co., 41 Center, Cleveland, Ohio
Marine Iron Co., Bay City, Mich.
Mead-Morrison Mfg. Co., 11 B'way, N. Y.; Boston, Mass., & Chicago, Ill.
MUNDY, J. S., 22 Prospect, Newark, N. J. (See adv. front colored page)
NATIONAL HOISTING ENGINE CO., Harrison, N. J. (See adv. index, end of book)
New Albany Mfg. Co., New Albany, Ind.
Portage Lake Foundry & Machinery Co., Hancock, Mich.
RAWSON & MORRISON MFG. CO., Cambridgeport, Mass., & 11 B'way, N. Y. (See adv. index, end of book)
Risdon Iron & Locomotive Works, Steuart & Folsom, San Francisco, Cal.
SHAW, WILLIS, 171 LaSalle, Chicago, Ill. (See adv. index, end of book)
Union Iron Works, 222 Market, San Francisco, Cal.
Wellman-Seaver-Morgan Co., Cleveland, O., & Akron, O.
Whitcomb Bros. (For Granite Quarries, etc.), Barre, Vt.
Williamson Bros., 13th & Noble, Phila., Pa.

Holders (Bag)

American Buncher Mfg. Co., Indianapolis, Ind.
Blanchard, F. B. Mfg. Co. ("Perfection"), Lewiston, Minn.
Booth Bros. (Cracker Jack), Batavia, Ill.
Bowsher, N. P. Co., South Bend, Ind.
Comstock, Geo. S., Mechanicsburg, Pa.
Nordyke & Marmon Co., Cincinnati, O.
South Bend Spark Arrester Co., South Bend, Ind.
St. Albans Foundry & Implement Co., St. Albans, Vt.
Standard Scale & Supply Co., 211 Wood, Pittsburg, Pa.
WEBSTER MFG. CO. ("Mosher"), 1075 W 15th, Chicago, Ill. (See adv. index, end of book)

Holders (Brush)

Baylis Co. (For Electrical Machinery), 140 Wash'n, N. Y.
Eureka Commutator Brush Co., 440 National av, Milwaukee, Wis.
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, New York. (See adv. index, end of book)
Ohio Brass Co. (Adjustable Track), Mansfield, O.
Perfection Supply Co. (Dynamo), 621 B'way. N. Y.
Railway Steel Spring Co., 71 B'way, N. Y.; 1022 Newmarket, Phila., Pa.; Fisher bldg, Chicago, Ill., & Lincoln Trust bldg, St. St. Louis, Mo.

Holders (Candle)

Bernz, Otto (Plumbers), S 13th c S Orange av, Newark, N. J.

Holders (Carbon)

Bogue, Chas. J., 213 Centre, N. Y.
Central City Brass Mfg. Co., 120 Burnet av, Syracuse, N. Y.
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, New York. (See adv. index, end of book)
Ohio Brass Co., Mansfield, O.
Pass & Seymour, Syracuse, N. Y.
Peterson, John L. & Co. (1 piece, upper & lower), Galesburg, Ill.
Phila. Electrical & Mfg. Co., 2011 Market, Phila., Pa.
Turner Brass Works, Franklin & Michigan, Chicago, Ill.

Holders (Card)

Corbin Cabinet Lock Co. (Bronze & Brass), New Britain, Conn.

Holders (Chuck Drill)

Le Count, Wm. G., S Norwalk, Conn.

Holders (Christmas Tree)

North Bros. Mfg. Co. ("Crown"), Lehigh av & American, Phila., Pa.
Penn Hardware Co., Reading, Pa.

Holders (Die & Trap)

American Tool Works Co., 6th & Eggleston av, Cincinnati, O.
Bardons & Oliver, 20 Water, Cleveland, O.
Braunsdorf-Mueller Co., Elizabeth, N. J.
Butterfield & Co., Derby Line, Vt.
Card, S. W. Mfg. Co., Mansfield, Mass.
Hartford Machine Screw Co., Hartford, Conn.
Ideal Machine Co., 328 Asylum, Hartford, Conn.
Modern Tool Co. ("Wallace's" Self-Opening Adjusting), Erie, Pa.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Power Specialty Co. ("Diamond"), Detroit, Mich.
Pratt & Whitney Co., Hartford, Conn.
Reece, E. F. Co., Greenfield, Mass.
Welch, T. F. & Co., 65 Sudbury, Boston
Wells Bros. Co., Greenfield, Mass.
Wiley & Russell Mfg. Co., Greenfield, Mass.

Holders (Electric Lamp)

Brady, T. H., New Britain, Conn.
Bunnell, J. H. & Co., 20 Park pl, N. Y.
Central Electric Co., 266 5th av, Chicago
Faries Mfg. Co. (Adjustable), Decatur, Ill.
Ohio Electric Specialty Mfg. Co., Troy, Ohio

Holders (Flag Pole)

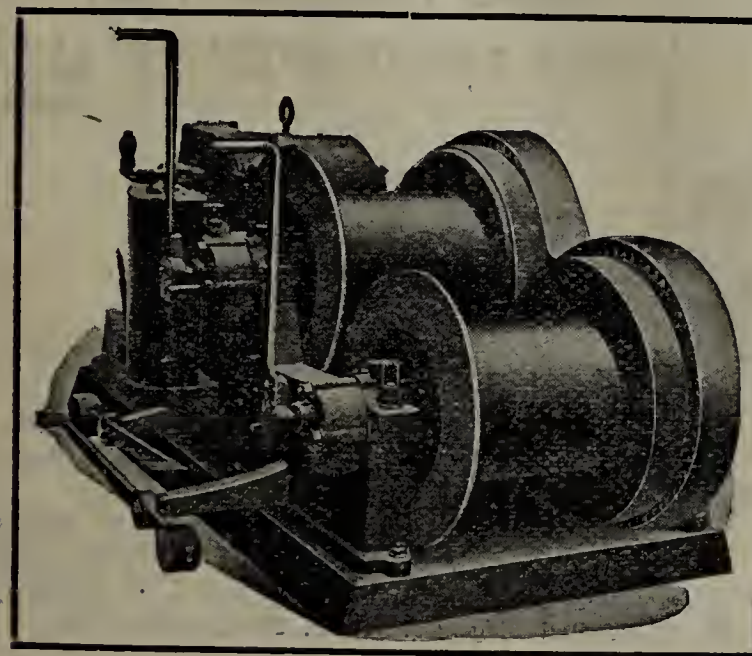
Enterprise Mfg. Co., 3d & Dauphin, Phila., Pa.
NATIONAL SUPPLY CO., 7 W Lombard, Baltimore, Md. (See adv. index, end of book)
Simpson Iron Co., West End Buttles av, Columbus, O.

Holders (Gas)

(See Gas Holders)

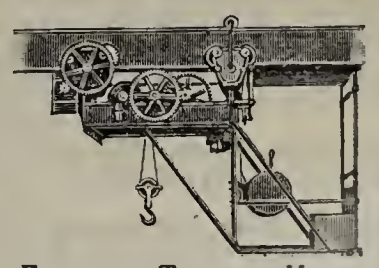
Holders (Label)

Grammes, L. F. & Sons, Allentown, Pa.
Novelty Mfg. Co., Waterbury, Conn.



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ELECTRIC DOCK HOISTS.
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ELECTRIC CONTRACTORS' HOISTS.
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(See Mop Sticks & Holders)

Holders (Pipe Nipple)

American Pin Co. (Brass), Waterbury, Conn.
Armstrong Mfg. Co., Bridgeport, Conn.
Curtis & Curtis Co., Bridgeport, Conn.
Fee & Mason, 66 Beekman, N. Y.
Merrell Mfg. Co., Toledo, O.
Walworth Mfg. Co., 132 Federal, Boston, Mass.

Holders (Sack or Bag)

(See Holders, Bag.)

Holders (Sandpaper)

Reissmann, F., West Point, N. Y.

Holders (Shade or Globe)

American Belgian Lamp Co., 47 Barclay, N. Y.
American Electric Co., Detroit, Mich.
Bryant Electric Co. (Electric), Bridgeport, Conn.
Gleason, E. P. Mfg. Co., 181 Mercer, New York
Holmes, Booth & Haydens Co., 37 Park pl, N. Y., & Waterbury, Conn.
Housatonic Mfg. Co., New Haven, Conn.
McFadden, H. G. & Co., 38 Warren, N. Y.
Manhattan Brass Co., 338 E 28th, N. Y.
Mitchell-Vance Co., 836 B'way, N. Y.
Pass & Seymour, Solvay, Syracuse, N. Y.
Plume & Atwood Mfg. Co. (Gas & Electric Globe, Waterbury, Conn.; New York, Chicago & Boston
Remholf, Chas., 381 Kent av, Brooklyn, N. Y.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Wagor, Philo R. Mfg. Co., Springfield, Mass.
Waterbury Mfg. Co., Waterbury, Conn.

Holders (Stake)

STANLEY WORKS (Wrought Steel), New Britain, Conn., & 79 Chambers, New York. (See adv. index, end of book)

Holders (Tillery Copper Canning)

SPRAGUE CANNING MACHINERY Co., 42 River, Chicago, Ill. (See adv. index, end of book)

Holders (Toilet Paper)

Federal Mfg. Co., Elyria, O.
Ohio Pump & Brass Co. (Nickel Plated Cast Brass), Columbus, O.

Holders (Tool, Etc.)

Armstrong Bros. Tool Co., 617 Austin av, Chicago
Bardons & Oliver, 20 Water, Cleveland, O.
Beaman & Smith Co. (Safety Drill & Tap), Providence, R. I.
Billings & Spencer Co., Hartford, Conn.
Brown & Sharpe Mfg. Co. (For Screw Machines, etc.), Providence, R. I.
Cleveland Twist Drill Co., Cleveland, O.
Detroit Twist Drill Co. (Lathe Drill), Detroit, Mich.
Dwight Slate Machine Co., Hartford, Conn.
Errington, Franklin A., 39 Cortlandt, N. Y.
Fairbanks Machine Tool Co., Springfield, O.
Goodell-Pratt Co. (Or Tap), Greenfield, Mass.
Gould & Eberhardt, Newark, N. J.
Hartford Machine Screw Co., Hartford, Conn.
Hill Tool Co., Anderson, Ind.
Hoggson & Pettis Mfg. Co. (Carr's Combination), New Haven, Conn.
Ideal Machine Co. ("Ideal," Reversible Tap Holder), Hartford, Conn.
Jeansville Iron Works Co., Jeansville, Pa.
Mingst, C. P. (Lathe & Planer), Evansville, Ind.
Modern Tool Co. (Die, Tap, etc.), Erie, Pa.
O. K. Tool Holder Co., Derby, Conn.
Pratt & Whitney Co., Hartford, Conn.
Quint, A. D., Hartford, Conn.
Reece, Edward F. Co., Greenfield, Mass.
Wells Bros. Co., Greenfield, Mass.
Western Tool & Mfg. Co. ("The Champion" Drop Forged), Springfield, O.

Holders (Twine)

Introstyle Novelty Mfg. Co. ("Ideal"), Marietta, O.
Streeter, N. R. & Co., Rochester, N. Y.

Hoods (Conning Tower)

Michigan Lubricator Co. ("Michigan"), Detroit, Mich.

Hoods & Protectors (Arc Lamp)

Adams & Westlake Co., Ontario & N Franklin, Chicago; 2042 N 10th, Phila., Pa., & 29 Cortlandt, N. Y.
American Reflector & Lighting Co., 271 Franklin, Chicago
Brady, T. H., New Britain, Conn.
Cornwall, R. M. Co., Syracuse, N. Y.
Cutter, Geo. Co., 129 Fulton, Chicago
Fletcher Mfg. Co., Dayton, O.
Fort Wayne Electric Works (Inc.), Ft. Wayne, Ind.
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, New York. (See adv. Index, end of book)
Klemm & Co., 132 N 5th, Phila., Pa.
Meserve, F. W., South Framingham, Mass.
Russell Electric Mfg. Co., 212 Eddy, Providence, R. I.
Tea Tray Co., 408 Mulberry, Newark, N. J.
Wheeler Reflector Co., 156 Pearl, Boston, Mass.

Hook & Eye Mfrs.

Turner & Seymour Mfg. Co. (And Specialties), Torrington, Conn.

Hooks (Awning)

AMERICAN STEEL & WIRE CO., The Rookery, Chicago; Battery Park bldg, New York; Cleveland, O., & San Francisco, Cal. (See adv. index, end of book)
Brewer Bros. (Wrought Iron), 614 Filbert, Phila., Pa.
Humason & Beckley Mfg. Co., "Wrought," New Britain, Conn.
Wheeling Hinge Co., Wheeling, W. Va.

Hooks (Belt)

Smith, F. P. & Co., Sharon Hill, Pa.

Hooks (Bench)

Dicke Tool Co., Downers Grove, Ill.
Hoague, J. H., Chicopee, Mass.
Phoenix Hardware Mfg. Co., Homer, N. Y.
Smith, Seymour & Son (Reversible & Screw Adjusting), Oakville, Conn.
Stearns, E. C. & Co., Syracuse, N. Y.
Stover Mfg. Co., Freeport, Ill.
Vaughan & Bushnell Mfg. Co., 877 Carroll av, Chicago
Whipple, R. P. & Co. (Carpenters), Springfield, Mass.

Hooks (Bill)

American Axe & Tool Co., Glassport, Pa., & 253 B'way, New York

Hooks Box)

(See Hooks, Cotton & Box.)

Hooks (Brass Cup & Shoulder)

Brooks, M. S. & Sons, Chester, Conn.

Hooks (Bush)

American Axe & Tool Co. (Strapped Eye, etc.), Glassport, Pa., & 253 B'way, N. Y.
Bradley's, G. W. Sons, Westport, Conn.
Collins Co., Collinsville, Conn.
Evansville Tool Works, Evansville, Ind.
Iwans Bros., Streator, Ill.
Mack Mfg. Co., Rochester, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn., & 27 Murray, N. Y.
Plumb, Fayette R., James & P. R. R., Phila., Pa.
Wadsworth, David & Son, Auburn, N. Y.

Hooks (Cabin Door)

Corbin, Cabinet Lock Co., New Britain, Conn.

Hooks (Cant)

(See Canthooks.)

Hooks (Carrying)

Klein, Mathias & Son, 87 Van Buren, Chicago

Hooks (Ceiling)

Penn Hardware Co., Reading, Pa.

Hooks (Clam)

Continental Tool Co., Frankfort, N. Y.

Hooks (Clothes Line)

Franklin Specialty Co. ("Perfection"), Reading, Pa.
NATIONAL SUPPLY CO., 7 W Lombard, Baltimore, Md. (See adv. index, end end of book)
Penn Hardware Co., Reading, Pa.

Hooks (Coat & Hat)

Detroit Bronze & Plating Works (Nickel Bronze, etc.), Detroit, Mich.
Jenckes, E. Mfg. Co., Pawtucket, R. I.
Columbian Hardware Co. (Wire), Cleveland, O.; New York
Ossawan Mills Co., Norwich, Conn.
Penn Hardware Co., Reading, Pa.
Wire Goods Co. (Wire), 20 Union, Worcester, Mass.
Wrightsville Hdw. Co., Wrightsville, Pa.

Hooks (Conductor Pipe)

MILWAUKEE CORRUGATING CO., Milwaukee, Wis. (See adv. index, end of book)

Hooks (Corn)

Clyde Cutlery Co., Clyde, O.
North Wayne Tool Co., Hallowell, Me.

Hooks (Cotton & Box)

Bernz, Otto, S 13th & S Orange av, Newark, N. J.
Bradley's G. W. Sons, Westport, Conn.
Carver Tool Works, Spring Valley, N. Y.
Falls Mfg. Co. (Hay, Bale, Box & Cargo Hooks), San Francisco, Cal.
Humason & Beckley Mfg. Co., New Britain, Conn.
Hurwood Mfg. Co. (Inc.), Bridgeport, Conn.

Hooks (Crate & Basket)

Cobb & Drew, Plymouth, Mass., & Rock Falls, Ill.

Hooks (Grab)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Champion Tool & Handle Works, Evart, Mich.
Contractors' Plant Mfg. Co., 129 Erie, Buffalo, N. Y.
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y. & 42 Dey, N. Y. (See adv. index, end of book)
Hayden-Corbett Chain Co. (For Log Chains, etc.), Columbus, O.
TERRY & TENCH CO. (Inc.), Lexington av, & 131st, New York, N. Y. (See adv. index, end of book)

Hooks (Grass)

American Axe & Tool Co., Glassport, Pa., & 253 B'way, New York
Mack Mfg. Co., Rochester, N. Y.

Hooks (Hammock)

Arcade Mfg. Co., Freeport, Ill.
Brewer Bros. (Wrought Iron), 614 Filbert, Phila., Pa.
Brooks, M. S. & Sons (Wrought), Chester, Conn.
Corbin, P. & F., New Britain, Conn.
Keystone, Drop Forge Co. (Drop Forged), Chester, Pa.
Landers, Frary & Clark, New Britain, Conn.
Palmer, I. E. (Adjustable), Middletown, Conn.
Penn Hardware Co., Reading, Pa.
Wheeling Hinge Co., Wheeling, W. Va.
Wilcox, Crittenden & Co., Middletown, Conn.
Wire Goods Co., Worcester, Mass.

Hooks (Harness)

Brooks, M. S. & Sons, Chester, Conn.
Falls Mfg. Co. (For Hames, Fire Dept. Harness, etc.)
NATIONAL SUPPLY CO., 7 W Lombard, Baltimore, Md. (See adv. index, end of book)
North & Judd Mfg. Co., New Britain, Conn.
Penn Hardware Co., Reading, Pa.
Sovereign, G. E., Rockford, Ill.

Hooks (Hay)

Hurwood Mfg. Co. (Inc.), Bridgeport, Conn.

Hooks (Hitching)

Brewer Bros. (Wrought Iron), 614 Filbert, Phila., Pa.

Hooks (Hoist)

ANDERSON, W. H. & SON, DETROIT, Mich. (See adv. index, end of book)
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y. & 42 Dey, N. Y. (See adv. index, end of book)
Keystone Drop Forge Works (Drop Forged), Chester, Pa.

Hooks (Ice)

American Fork & Hoe Co. (Steel), Main office, Cleveland, O. Export office, 11 B'way, New York. Factories, Ashtabula, O.; Wallingford, Vt.; Fkd., Phila., Pa.; Utica, N. Y., & Willoughby, O.
Stortz, Jno. & Son, 210 Vine, Phila., Pa.

Hooks (Insulated)

Cutter, Geo. Co., 129 Fulton, Chicago, Ill.

Hooks (Ladder)

Brewer Bros. (Wrought Iron), 614 Filbert, Phila., Pa.

Hooks (Lumbermen's)

CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
Champion Tool & Handle Works (Lug, Grappling, Swamp, etc.), Evart, Mich.
Oshkosh Logging Tool Co. (Lug, Grappling, Swamp, etc.), Oshkosh, Wis.

Hooks (Meat)

Humason & Beckley Mfg. Co., "Wrought," New Britain, Conn.
Hurwood Mfg. Co. (Inc.), Bridgeport, Conn.

Hooks (Moulding)

Novelty Mfg. Co., Waterbury, Conn.

Hooks (Packing)

Strong Machinery & Supply Co. (Pliable Lightning), 2 Murray, New York

Hooks (Pail)

DE HAVEN MFG. CO., 50 Columbia Heights, Brooklyn, N. Y. (See adv. index, end of book)

Hooks (Picture)

Brewer Bros. (Wrought Iron), 614 Filbert, Phila., Pa.
Brooks, M. S. & Sons (Also Brass Tassel Hooks, etc.), Chester, Conn.

Hooks (Pipe)

Avery Stamping Co., Cleveland, O.
Boston Bolt Co., 284 Franklin, Boston
Brewer Bros. (Wrought Iron), 614 Filbert, Phila., Pa.
Climax Specialty Co., Seneca Falls, N. Y.
CRANE CO., Est. 1858, 10 N Jefferson, Chicago; New York; Philadelphia; St. Louis, Kansas City, Mo.; Sioux City, Los Angeles, San Francisco, Omaha, Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Devlin, Thos. Mfg. Co., 3d & Lehigh av, Phila., Pa.
Exeter Machine Works, Exeter, N. H., & 32 Oliver, Boston, Mass.
Falls Mfg. Co., San Francisco, Cal.
Jarecki Mfg. Co., Erie, Pa., & Pittsburg, Pa.
Lalance & Grosjean Mfg. Co., 19 Cliff, New York; Chicago, Ill., and Boston, Mass.
Lange, August, 606 E 15th, N. Y.
McShane, Henry Mfg. Co., 441 North, Baltimore, Md.
Newbury Mfg. Co., Monroe, N. Y.
New England Bolt & Nut Co. (Pipe Hooks), 253 Atlantic av, Boston, Mass.
Sargent & Co., New Haven, Conn., & 151 Leonard, N. Y.
Western Tube Co., Kewanee, Ill.

Hooks (Potato, Manure, Etc.)

American Fork & Hoe Co., Main office, Cleveland, O. Export office, 11 Broadway, N. Y. Factories, Ashtabula, O.; Wallingford, Vt.; Binghamton, N. Y.; St. Johnsbury, Vt.; Girard, Pa.; Frankford, Phila., Pa.; Utica, N. Y.; Willoughby, O.
Brown, Hinman & Huntington Co., Columbus, O.
Continental Tool Co., Frankfort, N. Y.
Harriman Hoe & Tool Co., Harriman, Tenn.
Withington & Cooley Mfg. Co., Jackson, Mich.

Hooks ("S" or "Eight")

Brewer Bros. (Wrought Iron), 614 Filbert, Phila., Pa.
Brooks, M. S. & Sons, Chester, Conn.
Laughlin, Thos. Co., Portland, Me.
Plume & Atwood Mfg. Co., Waterbury, Conn.; Boston, New York, & Chicago
Smith & Egge Mfg. Co., Bridgeport, Conn.

Hooks (Screw)

Brewer Bros. (Wrought Iron), 614 Filbert, Phila., Pa.
Brooks, M. S. & Sons (Iron & Brass Wire), Chester, Conn.
Humason & Beckley Mfg. Co., New Britain, Conn.

Hooks (Shackle)

Keystone Drop Forge Works ("Keystone," Safety), Chester, Pa.

Hooks (Sign)

Brewer Bros. (Wrought Iron), 614 Filbert, Phila., Pa.

Hooks (Stable Door)

Peters, Jas. & Son (Wrought Iron), 1934 N Front, Phila., Pa.

Hooks (Wire)

Brooks, M. S. & Sons (all kinds Brass & Iron), Chester, Conn.
MILWAUKEE CORRUGATING CO., Milwaukee, Wis. (See adv. index, end of book)

Hooks & Eyes (Brace)

BREWER BROS. (Wrought Iron), Filbert, Phila., Pa.

Hooks & Eyes (Gate)

Brooks, M. S. & Son, Chester, Conn.
Humason & Beckley Mfg. Co., New Britain, Conn.

Hooks & Tees (Chain)

Dayton Malleable Iron Co., Dayton, O.
Newcastle Forge & Bolt Co., New Castle, Pa.

Hoop Drives

Brewer Bros. (Wrought Iron), 614 Filbert, Phila., Pa.

Hoop Rounders.

SHUSTER, F. B. CO., NEW HAVEN, Conn. (See adv. index, end of book)

Hoops (Mast)

Dubuar, J. A. Mfg. Co., Northville, Mich.
Laughlin, Thos. Co. (Galvanized Wrought Iron), Portland, Me.
Moffitt, J. D., Scotland, Conn.

Hoops (Soft Steel)

DE HAVEN MFG. CO., 50 Columbia Heights, Brooklyn, N. Y. (See adv. index, end of book)

Hoops (Truss)

Cincinnati Truss Hoop Co. (Iron & Steel Barrel), Cincinnati, O.

Horse Measurers

Smith, S. O., 24 Prospect, Newark, N. J.

Horse Powers

Alamo Iron Works, San Antonio, Tex.
Advance Thresher Co., Battle Creek, Mich.
Andes, W. D. & Son, Leacock, Pa.
Aultman & Taylor Machinery Co., Mansfield, O.
Barnard & Leas Mfg. Co., Moline, Ill.
Bell, C. S. Co., Hillsboro, O.
Belle City Mfg. Co. (Sweep), Racine, Wis.
Bodley Wagon Co., Memphis, Tenn.
Buffalo Pitts Co. ("Dingee-Woodbury"), Buffala, N. Y.
Case, J. I. Threshing Machine Co., Racine, Wis.
Cardwell Machine Co., Richmond, Va.
Collins Plow Co. (4 to 6 Horse Triple Geared), Quincy, Ill.
Contractors' Plant Mfg. Co., 127 Erie, Buffalo, N. Y.
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y. & 42 Dey, N. Y. (See adv. index, end of book)
Eureka Bark Mills Co., Lancaster, Pa.
Farquhar, A. B. Co., York, Pa.
Fouts, Oliver H., Richmond, Ind.

Freeman, S. & Sons Mfg. Co. (Sweep & Overhead), Racine, Wis.
Geiser Mfg. Co., Waynesboro, Pa.
Globe Foundry & Machine Co., Sheboygan, Wis.
Gowanda Agricultural Works Co., Gowanda, N. Y.
Gray's, A. W. Sons, Middletown, Vt.
Howell, R. R. & Co., Minneapolis, Minn.
Huber Mfg. Co., Marion, O.
Keystone Farm Machine Co., York, Pa.
King & Walker Co., Madison, Wis.
Kline, Lewis T., Alpena, Mich.
Krogh Mfg. Co., 9 Stevenson, San Francisco, Cal.
Lehr Agricultural Co., Fremont, O.
McLean, J. H. Co., Canton, O.
Marion Mfg. Co., Marion, O.
Marseilles Mfg. Co. (And Jacks), Marseilles, Ill.
Messinger Mfg. Co., Tatamy, Pa.
Myers, F. E. & Bro., Ashland, O.
New Winona Mfg. Co. ("Diamond Winnoa"), Winona, Minn.
Nichols & Shepard Co. (Steel Frame), Battle Creek, Mich.
St. Albans Foundry & Implement Co. (Sweep & Tread), St. Albans, Vt.
Salem Iron Works, Salem, N. C.
Sandwich Mfg. Co. ("Samson," Sweep), Sandwich, Ill.
Squier, Geo. L. Mfg. Co., Buffalo, N. Y.
Stover Mfg. Co., Freeport, Ill.
Wilder-Strong Implement Co., Monroe, Mich.

Horse Powers (Tread)

Appleton Mfg. Co., Batavia, Ill.
Belle City Mfg. Co., Racine, Wis.
Farquhar, A. B. Co., (Ltd.), York, Pa.
Gowanda Agricultural Works Co. (Dog or Sheep Power), Gowanda, N. Y.
Messinger Mfg. Co. (The Reynolds Horse or Baby), Tatamy, Pa.
Orangeville Agricultural Works, Orangeville, Pa.
St. Albans Foundry & Implement Co., St. Albans, Vt.
Sandwich Mfg. Co., Sandwich, Ill.
Smalley Mfg. Co. (Sweep), Manitowoc, Wis.
Squier, Geo. L. Mfg. Co., Buffalo, N. Y.
Star Mfg. Co., Carpentersville, Ill.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Whitman Agricultural Co., St. Louis, Mo.

Hose (Air Brake)

Boston Belting Co., 256 Devonshire, Boston;
Boston Woven Hose & Rubber Co., Executive office & Factory, Cambridgeport, Mass. Stores, 116 Duane: New York; 185 Lake, Chicago; 26 S Water, Cleveland, O.; 14 Fremont, San Francisco, Cal., & 170 Summer, Boston, Mass.
Chicago Rubber & Belting Co., 312 Dearborn, Chicago
CHICAGO TOOL & SUPPLY CO., 356 Dearborn, Chicago, Ill. (See adv. index, end of book)
Consolidated Rubber Co., Trenton, N. J.
Continental Rubber Works, Erie, Pa.
Crescent Belting & Packing Co., Trenton, N. J.
Diamond Rubber Co., Akron, O.
Empire Rubber Mfg. Co., 60 Reade, N. Y., & Trenton, N. J.
Franklyn Rubber Mfg. Co., Trenton, N. J.
Goodrich, B. F. Co., Akron, O., & 66 Reade, N. Y., & 41 Lake, Chicago, Ill.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York; 96 Lake, Chicago; 71 Pearl, Boston, Mass., & San Francisco, Cal.
Hamilton Rubber Co., Trenton, N. J.
Home Rubber Co., Trenton, N. J.; Chicago, Ill., & 80 Reade, N. Y.
Mechanical Rubber Co., 253 B'way, New York; 230 Randolph, Chicago, & Cleveland, O.
New Jersey Car Spring & Rubber Co., Jersey City, N. J.
New York Belting & Packing Co. (Ltd.), 91 Chambers, N. Y.; St. Louis, Mo.; Chicago, Ill.; San Francisco, Cal.; Phila., Pa. & Baltimore, Md.
New York Rubber Co., 84 Reade, N. Y.
Peerless Rubber Co., 16 Warren, New York
Penna. Rubber Co., Jeannette, Pa. & 127 Duane, N. Y.
Revere Rubber Co., 77 Bedford, Boston, Mass.; 59 Reade, New York; Phila., Pa.; Chicago, Ill., & San Francisco, Cal.
SPRAGUE ELECTRIC CO., 527 W (See 34th, New York. (See adv. next page)
Trenton Rubber Mfg. Co., Trenton, N. J.
United & Globe Rubber Mfg. Cos. (of Trenton, N. J.), Trenton, N. J. & 26 B'way, N. Y.
Waterbury Rubber Mfg. Co., 49 Warren, N. Y. & Waterbury, Conn.
Whitehead Bros. Rubber Co., Trenton, N. J.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill; Akron, O., & 111 Chambers, N. Y. (See adv. index, end of book)

Hose Carriages & Carts.

Abbot-Downing Co., Concord, N. H.
American-LaFrance Fire Engine Co., Elmira, N. Y.; Seneca Falls, N. Y., & 149 B'way, N. Y.
Cooney, P. J. Mfg. Co., 900 Cass av, St. Louis.
Goulds Mfg. Co., Seneca Falls, N. Y. Mo.
Hayward, S. F. & Co., 20 Warren, N. Y.
Stewart, A. F. & S. C., Rochester, N. Y.
Wirt & Knox Mfg. Co., 22 N 4th, Phila., Pa.
Woodhouse Mfg. Co., 59 Park pl, N. Y.

Hose (Corrugated Tender)

Boston Belting Co., 256 Devonshire, Boston, Mass., & 100 Reade, N. Y.
Boston Woven Hose & Rubber Co. Executive office & Factory, Cambridgeport, Mass. Stores: 116 Duane, New York; 185 Lake, Chicago, Ill.; Cleveland, O.; San Francisco, Cal., & 170 Summer, Boston, Mass.
Diamond Rubber Co., Akron, O.
Goodrich, B. F. Co., Akron, O.; 66 Reade, N. Y., & 141 Lake, Chicago, Ill.
Revere Rubber Co., 77 Bedford, Boston, Mass.; 59 Reade, New York; Phila., Pa.; Chicago, Ill., & San Francisco, Cal.
Waterbury Rubber Mfg. Co. (also "Sphincter," Grip Steel Armored), 49 Warren, N. Y.

Hose (Cotton)

Boston Belting Co., Boston, Mass.
Boston Woven Hose & Rubber Co. Executive office & Factory, Cambridgeport, Mass. Stores: 116 Duane, New York; 185 Lake, Chicago, Ill.; Cleveland, O.; San Francisco, Cal., & Boston, Mass.
Clark Hose Co., Malden, Mass.
Consolidated Rubber Co., Trenton, N. J.
Crescent Belting & Packing Co., Trenton, N. J.
Empire Rubber Mfg. Co. (Rubber Lined), Trenton, N. J., & 60 Reade, N. Y.
Eureka Fire Hose Co., 13 Barclay, N. Y. Works, Jersey City, N. J.
Gutta Percha & Rubber Mfg. Co., 126 Duane, N. Y.; 96 Lake, Chicago,; 71 Pearl, Boston, Mass. & San Francisco, Cal.
Hamilton Rubber Co., Trenton, N. J.
Home Rubber Co., Trenton, N. J.; 17 Lasalle, Chicago, Ill., & 80 Reade, N. Y.
Manhattan Rubber Mfg. Co., 18 Vesey, N. Y.
Mechanical Rubber Co. (Rubber), 253 B'way, New York; 230 Randolph, Chicago, & Cleveland, O.
Mineralized Rubber Co., 18 Cliff, N. Y.
N. J. Car Spring & Rubber Co., Jersey City, N. J.
New York Belting & Packing Co. (Ltd.), 91 Chambers, N. Y.; San Francisco, Cal.; St. Louis, Mo.; Chicago, Ill.; Phila., Pa. & Baltimore, Md.
Revere Rubber Co. (Rubber Lined, etc.), 77 Bedford, Boston, Mass.; 59 Reade, New York; Phila., Pa.; Chicago, Ill., & San Francisco, Cal.
Stokes, Joseph Rubber Co., Trenton, N. J.
United Globe Rubber Mfg. Co., Trenton, N. J.
Voorhees Rubber Mfg. Co. (Rubber Lined), 18 Bostwick av, Jersey City, N. J. & 150 Nassau, N. Y.
Waterbury Rubber Mfg. Co. (Rubber Lined), 49 Warren, N. Y.
Whitehead Bros. Rubber Co., Trenton, N. J.

Hose (Fire)

Bay State Belting Co. ("Hercules;" Cotton Rubber Lined), 119 Franklin, Boston, Mass.
Boston Belting Co., 256 Devonshire, Boston, & 100 Reade, New York
Boston Woven Hose & Rubber Co. Executive office & Factory, Cambridgeport, Mass. Stores: 170 Summer, Boston, Mass.; 116 Duane, New York; 14 Fremont, San Francisco, Cal.; Cleveland, O., & 185 Lake, Chicago
Callahan, Cornelius Co., 127 Purchase, Boston, Mass.
Chicago Fire Hose Co. (Cotton Rubber Lined), 54 La Salle, Chicago, Ill.
Clark Hose Co., Malden, Mass.
Consolidated Rubber Co., Trenton, N. J.
Continental Rubber Works, Erie, Pa.
Diamond Rubber Co., Akron, O.
Empire Mfg. Co. (Cotton Rubber Lined), Lockport, N. Y.
Empire Rubber Mfg. Co. (Cotton, Rubber Lined, etc.), Trenton, N. J., & 60 Reade, N. Y.
Eureka Fire Hose Co. (Cotton, Rubber Lined, also Linen, Plain & Rubber Lined), 13 Barclay, N. Y. Works, Jersey City, N. J.
Fabric Fire Hose Co., 68 Murray, N. Y.
Franklyn Rubber Mfg. Co., Trenton, N. J.
Goodrich, B. F. Co., Akron, O.; 66 Reade, N. Y., & 141 Lake, Chicago, Ill.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York; 96 Lake, Chicago; 71 Pearl, Boston, & 32 Fremont, San Francisco, Cal.
Hamilton Rubber Co., Trenton, N. J.
Home Rubber Co., Trenton, N. J.; 80 Reade, N. Y. & 17 La Salle, Chicago, Ill.
Jewell Belting Co., Hartford, Conn.
Manhattan Rubber Mfg. Co., 18 Vesey, N. Y., & Passaic, N. J.
Mechanical Rubber Co., 253 B'way, New York; 230 Randolph, Chicago, & Cleveland, O.
Mercer Rubber Co., Trenton, N. J.
Mineralized Rubber Co., 18 Cliff, N. Y.
New Jersey Car Spring & Rubber Co. ("Tuebor," Rubber Lined, Cotton), Jersey City, N. J., & 16 N Canal, Chicago
New York Belting & Packing Co. (Ltd.), 91 Chambers, N. Y.; Chicago, Ill.; St. Louis, Mo.; San Francisco, Cal.; Phila., Pa., & Baltimore, Md.
Niedner, Chas. (Linen), Malden, Mass.
Nuhring, Chas., 907 Walnut, Cincinnati, O.
Penna. Rubber Co., Jeannette, Pa., & 127 Duane, N. Y.
Republic Rubber Co., Youngstown, O.
Revere Rubber Co., 77 Bedford, Boston, Mass.; 59 Reade, New York; Phila., Pa.; Chicago, Ill., & San Francisco, Cal.
ROSSENDALE-REDDAWAY BELTING & HOSE CO. (Linen), Main Office & Works, Newark, N. J. Sales offices, 105 Summer, Boston, Mass.; 11 S Canal, Chicago & 26 E Lacock, Allegheny, Pa. (See adv. index, end of book)
Stokes, Jos. Rubber Co., Trenton, N. J.
United & Globe Rubber Mfg. Co., Trenton, N. J.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J., & 150 Nassau, N. Y.
Waterbury Rubber Mfg. Co., 49 Warren, N. Y. & Waterbury, Conn.
Whitehead Bros. Rubber Co., Trenton, N. J.

Hose (Flexible Steel Armored)

SPRAGUE ELECTRIC CO. (Steam or Air), 527 W 34th, New York. (See adv. next page)

Hose (Garden, Steam, Mill, Etc.)

(See also Hose, Fire.)

Allen, W. D. Mfg. Co. (Dewey Steel Armour), 151 Lake, Chicago
Boston Belting Co., Boston, Mass., & 100 Reade, N. Y.
Boston Woven Hose & Rubber Co. Executive office & Factory, Cambridgeport, Mass. Stores: 116 Duane, New York; 185 Lake, Chicago, Ill.; Cleveland, O.; San Francisco, Cal., & Boston, Mass.
Consolidated Rubber Co., Trenton, N. J.
Continental Rubber Works, Erie, Pa.
Buckley, J. W. Rubber Co. (Invincible Rubber Wound with Steel Wire), 69 Warren, N. Y.
Crescent Belting & Packing Co., Trenton, N. J.
Diamond Rubber Co., Akron, O.
Dunbar, J. A. Mfg. Co., Northville, Mich.
Empire Mfg. Co. (Cotton Rubber Lined), Lockport, N. Y.
Empire Rubber Mfg. Co., Trenton, N. J., & 60 Reade, N. Y.
Eureka Fire Hose Co. (Cotton & Linen), 13 Barclay, N. Y. Works, Jersey City, N. J. B'way, New York; 230 Randolph, Chicago,
Goodrich, B. F. Co., Akron, O.; 66 Reade, N. Y., & 141 Lake, Chicago, Ill.
Gutta Percha & Rubber Mfg. Co., 126 Duane, N. Y.; 96 Lake, Chicago; 71 Pearl, Boston, Mass., & San Francisco, Cal.

Home Rubber Co. (Rubber), Trenton, N. J.; 17 La Salle, Chicago, Ill., & 80 Reade, N. Y.
Knowlton, Geo. W. Co., 33 Broad, Boston, Mass.
Lake Shore Rubber Co., Erie, Pa.
Manhattan Rubber Mfg. Co., 18 Vesey st., N. Y.
Mechanical Rubber Co. (Rubber), 253 B'way, New York; 230 Randolph, Chicago, Ill., & Cleveland, O.
N. J. Car Spring & Rubber Co., Jersey City, N. J. & 16 N Canal, Chicago, Ill.
New York Belting & Packing Co., 91 Chambers, N. Y.; San Francisco, Cal.; Chicago, Ill.; St. Louis, Mo.; Boston, Mass.; Phila., Pa., & Baltimore, Md.
New York Rubber Co., 84 Reade, N. Y.
Niedner, Chas. (Linen), Malden, Mass.
Penna. Rubber Co. (Rubber), Jeannette, Pa.
Revere Rubber Co., 77 Bedford, Boston, Mass.; 59 Reade, New York; Phila., Pa.; Chicago, Ill., & San Francisco, Cal.
Republic Rubber Co., Youngstown, O.
Stokes, Jos. Rubber Co., Trenton, N. J.
Trenton Rubber Mfg. Co., Trenton, N. J.
United & Globe Rubber Mfg. Co., Trenton, N. J.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City., N. J. & 150 Nassau, N. Y.
Waterbury Rubber Mfg. Co., 49 Warren, N. Y.
Whitehead Bros. Rubber Co., Trenton, N. J.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, N. Y. (See adv. index, end of book)

Hose (Linen)

Bay State Belting Co., 119 Franklin, Boston, Mass.
Boston Belting Co., Boston, Mass., & 100 Reade, N. Y.
Boston Woven Hose & Rubber Co. Executive office & Factory, Cambridgeport, Mass. Stores: 170 Summer, Boston, Mass.; 116 Duane, New York; Chicago, Ill.; Cleveland, Callahan, C., Canton Junction, Mass.
Clark Hose Co., Malden, Mass.
Empire [illegible] Co., Lockport, N. Y.
Empire Rubber Mfg. Co. (Unlined), Trenton, N. J., & 60 Reade, N. Y.
Eureka Fire Hose Co. (Plain or Rubber Lined), 13 Barclay, New York. Works, Jersey City, N. J.
Fabric Fire Hose Co., 68 Murray, New York
Manhattan Rubber Mfg. Co., 18 Vesey, N. Y.
Niedner, Chas. ([illegible]), Malden, Mass.
New Jersey Car [illegible] & Rubber Co., Jersey City, N. J. [illegible] Canal, Chicago, Ill.
Revere Rubber Co., 63 [illegible]klin, Boston, Mass.; Pittsburg, Pa.; New Orleans, La.; New York: San Francisco; Philadelphia, & 38 S Canal, Chicago
ROSSENDALE-REDDAWAY BELTING & Hose Co. Main Office & Works, Newark, N. J. Sales Offices: 105 Summer, Boston, Mass.; 11 S Canal, Chicago, Ill., & 26 E Lacock, Allegheny, Pa. (See adv. index, end of book)
Russell Mfg. Co., Middletown, Conn.
Voorhees Rubber Mfg. Co., 18 Bostwick av. Jersey City, N. J.

Hose Menders.

Buffalo Specialty Mfg. Co. ("Double Quick"), Buffalo, N. Y.
Kline, Lewis T., Alpena, Mich.
NATIONAL SUPPLY CO., 7 W Lombard, Baltimore, Md. (See adv. index, end of book)
Sommer's, John, Sons, Newark, N. J.
Stortz, Jno. & Son ("Litttle Giant"), 210 Vine, Phila., Pa.

Hose (Rubber, for Steam or Air Drills, Etc.)

Boston Belting Co., 256 Devonshire, Boston, Mass.
Boston Woven Hose & Rubber Co. Executive office & Factory, Cambridgeport, Mass. Stores, 116 Duane, New York; 185 Lake, Chicago, Ill.; Cleveland, O.; San Francisco, Cal., & Boston, Mass.
Continental Rubber Works, Erie, Pa.
Goodrich, B. F. Co., Akron, O.; 66 Reade, N. Y., & 141 Lake, Chicago, Ill.
Revere Rubber Co., 77 Bedford, Boston, Mass.; 59 Reade, New York; Phila., Pa.; Chicago,
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, N. Y. (See adv. index, end of book)

Hose (Steel Armor Protected)

SPRAGUE ELECTRIC CO., 527 W 34th, New York. (See adv. below)

Hot Air Furnaces

(See Furnace Mfrs., Hot Air.)

Hotel Calls

(See Annunciators.)

Hotel Cooking Apparatus

(See Cooking Apparatus)

House Cleaning Equipments (Compressed Air)

General Compressed Air House Cleaning Co., 3933 Olive, St. Louis, Mo.

House Numbers

(See Numbers & Letters Metal.)

House & Porch Trimmings, Etc.

See Columns, Porch, etc.
Also Corner, Base & Head Blocks.
Also Doors, Hardwood & Veneered.
Also Grille, Fret & Lattice Work.
Also Interior Finish, Wholesale Mfrs.
Also Lumber Mfrs.
Also Mouldings, Various Kinds.
Also Ornaments, Wood.
Also Sash Door & Blinds.
Also Stair Builders' Supplies.
Also Wood Turnings, Various Kinds.
Also Woodwork, Architectural & Interior.

Hullers (Clover)

Advance Thresher Co., Battle Creek, Mich.
Aultman & Taylor Machinery Co., Mansfield, O.
Birdsall Mfg. Co., South Bend, Ind.
Geiser Mfg. Co., Waynesboro, Pa.
Newark Machine Co., Newark, O.
Nichols & Shepard Co., Battle Creek, Mich.
Reeves & Co. (Feeder & Blower), Columbus, Ind.

Hullers (Coffee & Rice)

Blymer Iron Works Co., Spring Grove av & Township, Cincinnati, O.
Engelberg Huller Co., Syracuse, N. Y.

Hullers (Cotton Seed)

Cardwell Machine Co., Richmond, Va.
Carver Cotton Gin Co., East Birmingham, Ala.
New Winona Mfg. CCo. ("Diamond," Huller & & Separator), Winona, Mich.

Hullers (Pea & Bean)

Chattanooga Implement & Mfg. Co. (Pea), East Chattanooga, Tenn.
Chesholm, Scott, Niagara Falls, N. Y.
Huber Mfg. Co., Marion, O.
Sanders Mfg. Co. ("Dixie"), Dalton, Go.
SPRAGUE CANNING MACHINERY Co. (Canners), 42 River, Chicago, Ill. (See adv. index, end of book)

Humiditor.

Brown Specialty Machinery Co. (For Radiators), Jackson boul & Clinton, Chicago, Ill.

Huskers & Shredders (Corn)

Advance Thresher Co., Battle Creek, Mich.
Appleton Mfg. Co., Batavia, Ill.
Arcade Mfg. Co., Freeport, Ill.
Cleveland Lock Co., Cleveland, O.
Deere & Mansur Co., Moline, Ill.
Hunt, Helm, Ferris & Co. (Star), Harvard, Ill.
Milwaukee Hay Tool Co., Milwaukee, Wis.
Port Huron Mfg. Co., Port Huron, Mich.
Rosenthal Corn Husker Co., Milwaukee, Wis.
Safety Shredder Co., New Castle, Ind.
Standard Corn Husker Co. (Jno. C. Kanney, Propt.), Greenspring, O.
Stevens, A. W. Co., Marinette, Wis.
Wallingford Mfg. Co. (Excelsior), Wallingford, Vt.

Husking Pins

Arcade Mfg. Co., Freeport, Ill.
Clark, R. F. (Corn Huskers, Moterman's Palms & Wrist Bands), 185 Jackson boul, Chicago, Ill.
Cleveland Lock Co. (Knife Handle), Cleveland, O.
Pratt, Wm. E., Mfg. Co., 91 Lake, Chicago

Flexible Steel Armored Steam and Air Hose.

THE LATEST ADVANCE IN THE ART.

It consists of a high grade rubber hose, covered with a substantial yet flexible steel armor. The steel armor protects the hose from mechanical injury and encases it so tightly that it prevents expansion, thus prolonging the life of the hose, and if a break in the rubber hose occurs the rupture is bound by the armor so that only a small part of the steam or air pressure is lost. A rupture in the ordinary steam or air hose results in a complete loss of pressure. Write for further information to

SPRAGUE ELECTRIC COMPANY,

General Offices, 527 West 34th St., NEW YORK CITY.

Hydrants

Bourbon Copper & Brass Works, 618 E Front, Cincinnati O.
Camden Iron Works (Fire), Camden, N. J.
Clark, L. P. & Sons, 419 N Front, Baltimore, Md.
Coffin Valve Co. (Fire), Neponset, Boston, Mass.
Colwell Lead Co., 51 Centre, N. Y.
Darling Pump & Mfg. Co., Ltd., Williamsport, Pa.
Dean Bros. Steam Pump Works, Indianapolis, Ind.
Douglas, W. & B., 83 John, New York; Middletown, Conn., & 197 Lake, Chicago, Ill.
Eddy Valve Co., Waterford, N. Y.
Edwardsville Brass Co. (Yard), Edwardsville, Ill.
Fales & Jenks Machine Co., Pawtucket, R. I.
Farnan Brass Works, 25 Centre, Cleveland, O.
Fox, Jno. & Co. (Mfrs.' Agts.), 253 Broadway, N. Y.
Goulds Mfg. Co., Seneca Falls, N. Y., & 16 Murray, N. Y.
Haydenville Co., 150 Nassau, N. Y., & Haydenville, Mass.
Hays Mfg. Co. (Yard), Erie, Pa.
Humphrey Machine Co., Keene, N. H.
Illinois Malleable Iron Co., 30 W Monroe, Chicago
Lacy Mfg. Co., Los Angeles, Cal.
Ludlow Valve Mfg. Co., Troy, N. Y. & 62 Gold, New York
McLean, John, 440 Water, N. Y.
McShane, Henry Mfg. Co., 441 North, Baltimore, Md. & 81 Fulton, N. Y.
Michigan Brass & Iron Works, Detroit, Mich.
Nelson, N. O., Mfg. Co., 424 N 8th, St. Louis, Mo.
Pleuger & Henger Mfg. Co. (Yard & Street), 11th c Hebert, St. Louis, Mo.
Quirin, Jno. & Bro. (Non-freezing, Street), St. Clair, Pa.
Rumsey & Co., Ltd., (Inc.), Seneca Falls, N. Y.
South Park Foundry & Machine Co. (Fire), St. Paul, Minn.
Walworth Mfg. Co., 132 Federal, Boston, Mass., & 15 Park Row, N. Y.

Hydrants (Fire)

American Valve Co., Coxsackie, N. Y.
Beaumont, Richard, Kankakee, Ill.
Bourbon Copper & Brass Works, 620 E Front, Cincinnati, O.
Camden Iron Works, 400 Chestnut, Phila., Pa. & Camden, N. J.
Cayuta Wheel & Foundry Co., Sayre, Pa.
Chapman Valve Mfg. Co., Indian Orchard, Mass.
Coffin Valve Co., Neponset, Boston, Mass.
Consolidated Rubber Co., Trenton, N. J., & Broad St B'k bldg, N. Y.
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
Dimmick Pipe Co., Birmingham, Ala.
Drummond, M. J. & Co., 182 B'way, N. Y.
Eddy Valve Co., Waterford, N. Y.
Edwardsville Brass Co., Edwardsville, Ill.
Eley Mfg. Co. ("Eley"), Bayonne, N. J.
Fox, Jno. & Co. (Mfrs.' Agts.), 253 B'way, N. Y.
Garratt, W. T. & Co. (Inc.), Fremont & Natoma, San Francisco, Cal.
Glamorgan Pipe & Foundry Co., Lynchburg, Va
Greger Mfg. Co., 22d c Wash'n av, Phila., Pa.
International Steam Pump Co., 114 Liberty, N. Y.
Kennedy Valve Mfg. Co., 57 Beekman, New York, & Coxsackie, N. Y.
Kupperle, Jno. C., St. Louis, Mo.
Loetzer Valve & Mfg. Co., Towanda, Pa.
Ludlow Valve Mfg. Co., Troy, N. Y.
McLean, Jno., 440 Water, New York
Michigan Brass & Iron Works, Detroit, Mich.
Natioanl Car Wheel Co. ("K-U-Ta"), Sayre, Pa.
North Pittsburg Foundry & Steel Co., Allegheny, Pa.
Norwood Engineering Co., Florence, Mass.
Pleuger & Henger Mfg. Co., 11th & Hebert, St. Louis
Pratt & Cady Co., Hartford, Conn.
Reading Foundry Co., Reading, Pa.
Rensselaer Mfg. Co., Van Schaick Island, Troy, N. Y.
Rumsey & Co., Ltd. (Inc.), Seneca Falls, N. Y.
Smith, A. P. Mfg. Co., Newark, N. J.
South Park Foundry & Machine Co., St. Paul, Minn.
Stephens-Roe Mfg. Co., Detroit, Mich.
Thompson, J. & Co., c Van Horn & Sophia, Phila., Pa.
Walworth Mfg. Co., 132 Federal, Boston, Mass.
Watrous Engine Works Co., St. Paul, Minn.
Williamsport Valve & Hydrant Co., Williamsport, Pa.
Wood, R. D. & Co., 400 Chestnut, Phila., Pa.

Hydraulic Machinery

(See Hydraulic Pumps; also Hydraulic Presses; also Hydraulic Rams; also Hydraulic Jacks; also Hydraulic Cranes; also Hydraulic Riveters.)

Hydraulic Rams

Barnes Mfg. Co., Mansfield, O.
Columbiana Pump Co., Columbiana, O.
Deming Co., Salem, O.
Douglas, W. & B., 83 John, N. Y.; Middletown, Conn.
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S W Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S E, London, Eng. (See adv. index, end of book)
Garratt, W. T. & Co. (Inc.), 142 Fremont, San Francisco, Cal.
Gawthrop, Allen, Jr., 100 W 4th, Wilmington, Del.
Gleason, Bailey & Sciple Mfg. Co., Seneca Falls, N. Y.
Goulds Mfg. Co., Seneca Falls, N. Y.; 18 Murray, N. Y.
Hodgkins, C. & A. Co. (Double Acting), Marlboro, N. H.
Humphryes Mfg. Co., Mansfield, O.
Hanson & Rhodes, 157 W 29th, New York
Kline, Jas. M., Beavertown, Pa.
Niagara Hydraulic Engine Co., Chester, Pa.
Pelton Water Wheel Co., 127 Main, San Francisco, Cal., & 143 Liberty, N. Y.
Power Specialty Co. (Rife's), 126 Liberty, N. Y.
Rife's Hydraulic Engine Mfg. Co., Waynesboro, Va., & 126 Liberty, N. Y.
Rumsey & Co., Ltd. (Inc.), Seneca Falls, N. Y.
Trahern Pump Co., Rockford, Ill.
Union Mfg. Co., New Britain, Conn.
Ward Pump Co., Rockford, Ill.

Hydro Carbon Lamps

(See Lamps, Incandescent Gas.)

Hydrometers.

Taylor Bros. Co., Rochester, N. Y.
Wagner Glass Works (Also Barometers), 965 E 132d, New York
Weinhagen, Henry, 22 N William, N. Y.

Ice Breakers

Dilg Mfg. & Trading Co. ("Champion"), 663 E 163d, New York
Hartig Standard Gas Engine Co., 14 Commercial, Newark, N. J.

Ice Can Fillers

Wolf, Fred W. Co. (For Mfrs. of Artificial Ice), 141 Rees, Chicago, Ill.

Ice Cans for Artificial Ice

Kiechler Mfg. Co., Linn, Clinton & Everett, Cincinnati, O.
Ohio Galvanizing & Mfg. Co., Niles, O.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)
Triumph Ice Machine Co., 610 Baymiller, Cincinnati, O.
Vogt, Henry Machine Co., Louisville, Ky.
Wolf, Fred W. Co., 141 Rees, Chicago, Ill.

Ice Cream Freezers.

(See Freezers, Ice Cream, etc.)

Ice Dumps.

Triumph Ice Machine Co., 610 Baymiller, Cincinnati, O.
Wolf, Fred W. Co. (For Artificial Ice), 141 Rees, Chicago, Ill.

Ice Machines (Portable)

(See Ice Machines, Portable, under the Heading of Machinery.)

Ice & Refrigerating Machines

(See Ice & Refrigerating Machines, under the Heading of Machinery.)

Igniters (Gas & Gasoline Engine)

American Coil Co., West Somerville, Mass.
Auto-Igniter Co., 161 Wash'n, New York
Carlisle & Finch Co., 229 E Clifton av, Cincinnati, O.
Dayton Electrical Mfg. Co. ("Apple"), Dayton, O.
Elbridge Electrical Mfg. Co., Elbridge, N. Y.
Henricks Novelty Co., Indianapolis, Ind.
Hercules Electric & Mfg. Co. (Wizard Spark Generator), Indianapolis, Ind.
Hobart Electric Mfg. Co., Troy, O.
Holtzer-Cabot Electric Co. ("The H-C Magneto"), Brookline, Mass.
Kendrick & Davis, Lebanon, N. H.
Miller-Knoblock Electric Mfg. Co., South Bend, Ind.
Motsinger Device Mfg. Co., Pendleton, Ind.
Ohio Electric Works, 76 Ellen, Cleveland, O.
Remy Electric Co., Anderson, Ind.
Roche, Wm., 42 Park pl, New York
Splitdorf, C. F., 17 Vandewater, New York

Illuminating Signs

AMOS, CHARLES & CO., 94 W Larned, Detroit, Mich. (See adv. index, end of book)
Hughes, Thomas, 51 E 9th, New York
MERRITT & CO., 1024 Ridge av, Phila., Pa. (See adv. index, end of book)

Illuminating Tile

(See Vault & Sidewalk Lights.)

Inclinometers

Starratt, L. S. Co., Athol, Mass.

Incline Planes

Allis-Chambers Co., New York Life bldg, Chicago; 71 B'way, New York. Works, Chicago, Milwaukee & Scranton, Pa.
Flory, S. Mfg. Co., Bangor, Pa.
GENERAL ELECTRIC CO. (Electric), Schenectady, N. Y., & 44 Broad, New York City. (See adv. index, end of book)
Giford Bros., Hudson, N. Y.
Milholland, J. & J. B. Co., 718 5th av, Pittsburg, Pa.
Scaife Foundry & Machine Co., Pittsburg, Pa.
Williamsport Clutch & Pulley Co. (Car Hauls), Williamsport, Pa.

Indian Clubs

Hellenburg, J. B. & Son, Coldwater, Mich.
Sandusky Tool Co., Sandusky, O.

Indicators (Center)

Slocomb, J. T. Co., Providence, R. I.
Stevens, J. Arms & Tool Co., Chicopee Falls, Mass.

Indicators (Combination)

(For testing the truth of a hole or shaft.)

CRANE CO., Est. 1855, Chicago, New York, Philadelphia, St. Louis, Kansas City, Mo.; Sioux City, Omaha, Los Angeles, San Francisco, Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Slocomb, J. T. Co. (For testing the truth of a hole or shaft), Providence, R. I.

Indicators (Elevator)

Beckwith Elevator Co., 123 Pearl, Boston, Mass.
Burdett-Rountree Mfg. Co., 85 W Jackson boul., Chicago, & 120 Liberty, N. Y.
STANDARD CO., W 15th & Laflin, Chicago, Ill. (See adv. index, end of book)
TYLER, W. S. CO., 1150 St. Clair, Cleveland, O.; 11 B'way, New York, & Bessemer bldg, Pittsburg, Pa. (See adv. index, end of book)

Indicators (Lathe)

Starrett, L. S. Co., Athol, Mass.

Indicators (Lighting)

Bajohr, Carl, 4055 Meramec, St. Louis, Mo.

Indicators (Log Setting)

FILER & STOWELL CO., Becher & Ziemer, Wilwaukee, Wis. (See adv. index, end of book)
Lane Mfg. Co., Montpelier, Vt.

Indicators (Low Water)

(See Alarms, Low Water.)

Indicators (Polarity)

Empire Electrical Instrument Co., 656 Hudson, N. Y.
HERZOG TELSEME CO., 51 W 24th, N. Y. (See adv. index, end of book)
Keystone Electrical Instrument Co. (Potential & Current), 901 Montgomery av, Phila., Pa.
Weston Electrical Instrument Co., Waverly Park, N. J.

Indicators (Post)

Glamorgan Pipe & Foundry Co., Lynchburg, Va.

Indicators (Speed)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.
ASHCROFT MFG. CO., THE (Tabor), 85, 87 & 89 Liberty, New York, & 22, 24 & 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.
Ashton Valve Co., Boston, Mass.
Belfield, H. & Co., 435 N Broad, Phila., Pa.
Bowsher, N. P. Co. (or Motion for Water Power, etc.), South Bend, Ind.
Braunsdorf-Muller Co., Elizabeth, N. J.
Brown, Edward, 313 Walnut, Phila., Pa.
Crosby Steam Gage & Valve Co., 95 Oliver, Boston, Mass.; 21 W Lake, Chicago, & 78 John, N. Y.
Disston, Henry & Sons (Inc.), Tacony, Phila., Pa., & 75 W Wash'n, Chicago
Durant, Walter N., 234 22d, Milwaukee, Wis.
Electro-Dynamic Co. of Phila. (Electric, etc.), 224 Ionic, Phila., Pa.
Emerson, Smith & Co., Beaver Falls, Pa.
Grant Mfg. & Machine Co., Bridgeport, Conn.
Lintner, Wm. T., Gloversville, N. Y.
McDonnell Odometer Co., Kedzie av & W 35th, Chicago
Marsh, Jas. P. & Co., 224 Wash'n, Chicago
Root, C. J., Bristol, Conn.
Roy, B. S. & Son, Worcester, Mass.
Schaffer & Budenberg Mfg. Co.; Main Office & Works, 10 Division, Brooklyn, N. Y.; 66 John, N. Y., & 15 W Lake, Chicago
Simonds Mfg. Co., Fitchburg, Mass.
Standard Gauge Mfg. Co., Syracuse, N. Y.
Star Brass Mfg. Co., 103 E Dedham, Boston; 38 Cortlandt, N. Y., & Chicago, Ill.
Starratt, L. S. Co., Athol, Mass.
Tabor Mfg. Co., 1742 Hamilton, Phila., Pa.
Trill Indicator Co. ("The Faultless"), Corry, Pa.
Utica Steam Gauge Co., Utica, N. Y.
Veeder Mfg. Co., Hartford, Conn
Wells & Coutan Co., Poughkeepsie, N. Y.
Wing, J. T. & Co., 19 Woodward av, Detroit, Mich.
Woodman, R. Mfg. & Supply Co., 63 Oliver, Boston

Indicators (Steam Engine)

Allis-Chambers Co., New York Life bldg, Chicago, Ill.; 71 B'way, New York. Works, Chicago, Milwaukee & Scranton, Pa.
American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.; 26 Cortlandt, N. Y., & 16 N Canal, Chicago
Apgar, Peter E., 2415 N 33d, Phila., Pa.
ASHCROFT MFG. CO., THE (The "Tabor"), 85, 87 & 89 Liberty, New York, & 22, 24 & 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn. (See adv. index, end of book)
Ashton Valve Co., Boston, Mass.
Bushnell, Jno. S. Co., ("Batchelder"), 126 Liberty, New York
Crosby Steam Gage & Valve Co., 95 Oliver, Boston, Mass.; 21 W Lake, Chicago, & 78 John, N. Y.
Engineering & Power Co., Jamestown, N. J.,
Robertson, Jas. L. & Sons, 204 Fulton, N. Y.,
Schaffer & Budenberg Mfg. Co., Main Office & Works, 10 Division, Brooklyn, N. Y.; 66 John, N. Y. & 15 W Lake, Chicago
Scranton Steam Pump Co. ("Lippincott"), Scranton, Pa.
Star Brass Mfg. Co., 103 E Dedham, Boston; 38 Cortlandt, N. Y., & Chicago, Ill.
Thompson, Richard & Co. ("Thompson's"), 126 Liberty, New York
Union Steam Specialty Co. ("Lippincott"), Scranton, Pa.
Trill Indicator Co., Corry, Pa.
Webster & Perks Tool Co. (Reducing Wheel), Springfield, O.

Indicators (Test)

Brown & Sharpe Mfg. Co. (Dial Lathe, etc.), Providence, R. I.
Lowe, H. A., Waltham, Mass.

Indicators (Valve)

Walworth Mfg. Co. (The Half), 132 Federal, Boston, Mass.

*Indicators (Water)

STEIGERT, LEOPOLD ("U S" for Boilers), Elder & Logan. (See adv. index, end of book)

Indurated Fibre Ware

United Indurated Fibre Co., of N. J. (trade mark "Fibrotta"), Lockport, N. Y.

Ingot Extractors

Lewis Foundry & Machine Co., 1001 Bingham, Pittsburg, Pa.
Mesta Machine Co., Pittsburg, Pa.
Morgan Engineering Co., Alliance, O.

Ingot Strippers (Electric & Hydraulic)

Morgan Engineering Co., Alliance, O.

Ingots (Aluminum)

American Metal Co. (Ltd.), 52 B'way, N. Y.
Janney, Steinmetz & Co., Drexel bldg, Philadelphia, Pa.
Pittsburg Reduction Co., New Kensington, Pa., & 99 John, New York
Scovil Mfg. Co., Waterbury, Conn.

Ingots (Brass & Copper)

American Metal Co., 52 B'way, N. Y.
Ansonia Brass & Copper Co., Ansonia, Conn., & 99 John, New York
Blatchford, E. W. & Co., 70 N Clinton, Chicago
Davol, Jno. & Sons, 100 John, New York
Duquesne Reduction Co., Farmers' Bank bldg, Pittsburg, Pa.
Great Western Smelting & Refining Co., 173 W Kinzie, Chicago, Ill.
Hendricks Bros., 49 Cliff, New York
Hayman, Mich'l & Co. (Copper), Buffalo, N. Y.
Hiertz, Thos. Metal Co., Tenn av & Poepping, St. Louis, Mo.
HUNGERFORD, U. T. BRASS & COP- per Co., 497 Pearl, N. Y.
Hurley & Wainwright, 81 Fulton, New York
Hussey, C. G. & Co., 2850 2d av, Pittsburg, Pa.
Illinois Smelting & Refining Co. ("Brass"), Kinzie & Peoria, Chicago, Ill.
Illinois Zinc Co., Peru, Ill.
Orford Copper Co., 43 Exchange pl, New York
Riverside Mfg. & Supply Co., Connellsville, Pa.
Rome Brass & Copper Co. (Copper Only), Rome, N. Y.
Shimer, H. M. & Co. (Red & Yellow), 19th & Wash'n av, Phila., Pa.
Syracuse Smelting Works, Syracuse, N. Y.
Tottenville Copper Co. (O. C. T.), Tottenville, N. Y.
Trench, C. S. & Co., 81 Fulton, New York
Woodfall Bros., 1105 Fairmount av, Phila., Pa.

Ingots (Bronze)

Hooks Smelting Co., Broad & Hamilton, Phila., Pa.
National-Fulton Brass Mfg. Co. ("Monarch"), Detroit, Mich.
U. S. Bronze Co., 149 Columbus, Cleveland, O.

Ingots (Copper)

(See Ingots Brass & Copper.)

Ingots ("Damascus" Bronze)

Damascus Bronze Co., Allegheny, Pa.

Ingots (Phosphor Bronze)

Damascus Bronze Co., Allegheny, Pa.
Enda Smelting & Refining Co., 525 Reading rd, Cincinnati, O., & Monadnock blk, Chicago
Garrett, J. W. Brass & Fdy. Co., 2028 Walnut, St. Louis, Mo.
Great Western Smelting & Refining Co. 173 W Kinzie, Chicago, Ill.
Hooks Smelting Co., Broad & Hamilton, Phila., Pa.
Phosphor Bronze Smelting Co., 2200 Washington av, Philadelphia, Pa.
Reeves, Paul S. & Son, 1413 Catharine, Philadelphia, Pa.
Scovill Mfg. Co., Waterbury, Conn.; 423 Broome, N. Y., & Chicago, Ill.
Syracuse Smelting Works, Syracuse, N. Y.
U. S. Bronze Co., 149 Columbus, Cleveland, O.

Ingots (Steel)

Harrisburg Pipe & Pipe Bending Co. (Open Hearth), Harrisburg, Pa.
Pittsburg Steel Foundry (Up to 70,000), 541 Wood, Pittsburg, Pa.; Works, Glassport, Pa.
Tremont Nail Co. (also Slabs & Plates), West Wareham, Mass., & 76 Pearl, Boston

Ingots (Zinc)

American Smelting & Refining Co., 71 B'way, New York
Lanyon Zinc Co., St. Louis, Mo.; 220 B'way, New York. Works, Iola, Kan.
New Jersey Zinc Co., 11 B'way, New York

Injectors (Boiler)

(See also Engineers' Supplies.)

American Injector Co. ("U S," Automatic), Congress & Brooklyn av, Detroit, Mich.
Automatic Injector Co., 12 E 3d, Cincinnati, O.
Belfield, H. & Co., 435 N Broad, Phila., Pa.
Crescent Mfg. Co., 28 Columbus, Cleveland, O.
CRANE CO., EST. 1855, 10 N Jefferson, Chicago, New York, Philadelphia, St. Louis, Kansas City, Mo.; Sioux City, Omaha, Los Angeles, San Francisco, Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Detroit Lubricator Co. (Boiler Oil, "Detroit"), Hodges bldg, Detroit, Mich.
Douds, F. C. & Co., New Castle, Pa.
Engineering & Power Co., Jamestown, N. Y.,
Eynon-Evans Mfg. Co., 1519 Clearfield, Phila., Pa., & 107 Liberty, N. Y.
Fairbanks Co. (The Fairbanks), 186 Elm, New York
Forest City Brass Works ("Kennedy"), Cleveland, O.
Griffiths, Jas. A. (The "Keystone, Champion & Eclipse"), 500 N 12th, Philadelphia, Pa.
HANCOCK INSPIRATOR CO., THE ("Hancock" Inspirators), 85, 87 & 89 Liberty, New York, & 22, 24 & 26 S Canal, Chicago, Ill.
Handlan-Buck Mfg. Co. (Perfection), 212 N 3d, St. Louis, Mo.
HAYDEN & DERBY MFG. CO., THE, (Metropolitan, Automatic & Double Tube), 85, 87 & 89 Liberty, New York, & 22, 24 & 26 S Canal, Chicago, Ill. Works, 1 Watson, Boston, Mass.
Lee Mfg. Co. ("Lee," Ball Valve Automatic), So Park, Port Huron, Mich.
Little, Geo. H., Peabody, Mass.
Lonergan, J. E. & Co. ("Clipper," "Ajax," ""Unique" & "Little Giant"), 211 Race, Phila., Pa.
LUNKENHEIMER CO., General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, New York & 35 Great Dover st, London S E, England. (See adv. index, end of book)
Nathan Mfg. Co. ("Monarch Nathan"), 92 Liberty, New York, & 84 Vanburen, Chicago, Ill.
National Injector Co., 97 Woodland av, Cleveland, O.
Ohio Injector Co. ("Garfield" Locomotive, Marine & Stationary Boilers), Wadsworth, O.
Penberthy Injector Co. ("Penberthy," automatic), 346 Holden ave, Detroit, Mich.
Powell, Wm. Co. (Stationary & Marine), 2525 Spring Grove av, Cincinnati, O.
Randle Machinery Co. ("Leader"), 206 W Water, Cincinnati, O.
Regester's, J. & Sons Co., 49 W Halliday, Baltimore, Md.
Rue Mfg. Co. ("Little Giant"), 228 Cherry, Phila., Pa.
Schaffer & Budenberg Mfg. Co.; Main Office & Works, 10 Division, Brooklyn, N. Y.; 66 John, New York, & 15 W Lake, Chicago, Ill.
Schutte, L. & Co. (Korting), 1253 N 12th, Philadelphia, Pa.
Sellers, Wm. & Co. (Locomotive & Boiler). 1600 Hamilton, Philadelphia, Pa.
Sherwood Mfg. Co. ("Buffalo"), 34 Washington, Buffalo, N. Y.
Stephan Bros. ("Desmond" Automatic), Urbana, O.
Stephens, Roe Mfg. Co., Detroit, Mich.
Watson, N. A., Erie, Pa.

Injectors (Kerosene Oil)

Sims Co., Erie, Pa.

Injectors (Locomotive)

American Injector Co. ("U S," automatic), Detroit, Mich.
Belfield, H. & Co., 435 N Broad, Phila., Pa.
CRANE CO., EST. 1855, 10 N Jefferson, Chicago, New York, Philadelphia, St. Louis, Kansas City, Mo.; Sioux City, Omaha, Los Angeles, San Francisco, Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Fairbanks Co., 186 Elm, New York
Griffiths, Jas. A. ("Keystone"), 500 N 12th, Phila., Pa.
HANCOCK INSPIRATOR CO., THE ("Hancock" Inspirators for Locomotive, Marine & Stationary Purposes), 85, 87 & 89 Liberty, New York, N. Y., & 22, 24 & 26 S Canal, Chicago, Ill.
Handlan-Buck Mfg. Co. (Perfection), 212 N 3d, St. Louis, Mo.
HAYDEN & DERBY MFG. CO., THE (The "Metropolitan," etc.), 85, 87 & 89 Liberty, New York, & 22, 24 & 26 S Canal, Chicago, Ill. Works, 1 Watson, Boston, Mass.
Lonergan, Jas. E. & Co., 211 Race, Philadelphia, Pa.
LUNKENHEIMER CO., General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, New York, & 35 Great Dover st, London S E, Eng. (See adv. index, end of book)
Nathan Mfg. Co. ("Monarch Nathan"), 92 Liberty, New York, & 84 Vanburen, Chicago, Ill.
Ohio Injector Co. ("Garfield"), Wadsworth, O., & Monadnock blk, Chicago, Ill.
Pemberthy Injector Co. ("Pemberthy," automatic), 346 Holden av, Detroit, Mich.
Powell, Wm. Co., 2525 Spring Grove av, Cincinnati, O.
Schutte, L. & Co. (Korting), 1251 N 12th, Philadelphia, Pa.
Sellers, William & Co., 1000 Hamilton, Philadelphia, Pa.
Sherwood Mfg. Co. ("Buffalo"), 34 Wash'n, Buffalo, N. Y.

Inks (Liquid Drawing)

(See Draughting Inks.)

Inks (Machine Copying)

Underwood, Jno. & Co., New York, Boston, Chicago & Toronto

Inlets (Fresh Air)

Desper, Henry A., Worcester, Mass.
Du Bois, Fred'k N. & Co., 247 9th av, New York
Fee & Mason, 66 Beekman, New York
Hart-Ayres Plumbing Co., 182 4th av, Brooklyn, N. Y.
Mott, J. L. Iron Works, 88 Beekman, New York
Zero Valve & Brass Mfg. Co., 296 Seneca. Buffalo, N. Y.

Inspirators

(See Injectors.)

Instruments (Astronomical)

Warmer & Swasey Co., Cleveland, O.

Instruments (Electrical Testing & Measuring)

Biddle, Jas. G. (Testing), Stephen Girard bldg. Phila., Pa.
Cutter Electrical & Mfg. Co. (Keystone Measuring), 19th & Hamilton, Phila., Pa.
Empire Electrical Instrument Co., 656 Hudson, New York
GENERAL ELECTRIC CO., SCHEnectadv, N. Y., & 44 Broad, New York. (See adv. index, end of book)
Keystone Electrical Instrument Co., 9th & Montgomery av, Philadelphia, Pa.
Myers Break Finder Co. (Testing), Syracuse. N. Y
Nafis, Louis F. & Co., 120 Randolph, Chicago. Ill.
Norton Electrical Instrument Co., Manchester. Conn
QUEEN & CO. (Inc.), 1010 Chestnut. Phila., Pa., & 59 5th av, New York. (See adv. index, end of book),
Ritchie, E. S. & Sons, Brookline, Boston, Mass.
Rogers Electrical Works, 53 Dey, N. Y.
Wagner Electric Mfg. Co., 2017 Locust, St. Louis, Mo.
WESTINGHOUSE ELECTRIC & MFG. Co., Westinghouse bldg, Pittsburg, Pa. (See adv. index, end of book)
Weston Electrical Instrument Co., Waverly Park, N. J.
Willyoung & Gibson Co., 40 W 13th, New York

Instruments (Leveling)

Athol Machine Co., Athol, Mass.
Richardson-Oliver Co., Athol, Mass.
Starrett, L. S. Co., Athol, Mass.

Instruments of Precision

Alteneder, Theo & Son, 945 Ridge av, Phila., Pa.
Fiego, Alex. J. R., Lynn, Mass.

Instruments (Scientific)

Aloe, A. S. Co., 513 Olive, St. Louis, Mo.
Beckman, L. Co. (Surveying), 318 Adams, Toledo, O.
Keuffel & Esser Co., 127 Fulton, New York
Schaffer & Budenberg Mfg. Co., Main Office & Works, 10 Division, Brooklyn, N. Y.; 66 John, New York, & 15 W Lake, Chicago, Ill.
SOLTMANN, E. G. (Also everything for the Architect, Engineer & Draughting Room), 125 E 42d, New York. (See adv. index, end of book)
QUEEN & CO. (Inc.), 1010 Chestnut, Philadelphia, Pa., & 59 5th av, New York. (See adv. index end of book)
WISSLER, A. INSTRUMENT WORKS, 613 Pine, St. Louis, Mo. (See adv. index, end of book)

Instruments (Scientific, Second Hand)

SOLTMANN, E. G. (Also everything for the Architect, Engineer & Draughting Room), 125 E 42d, New York. (See adv. index, end of book)

Instruments (Telegraph)

Bunnell, J. H. & Co., 20 Park pl, New York
Foote, Pierson & Co. (Measuring & Testing Instruments of Precision), 84 Fulton, New York
International Brass & Electric Co., 76 Beekman, N. Y.
Partrick, Carter & Wilkins, 1231 Callowhill, Philadelphia, Pa.
Pearce, Fred'k, 18 Rose, New York
Western Electric Co., 259 S Clinton, Chicago, & 57 Bethune, New York

Instruments (Testing & Measuring)

(See Instruments, Electrical Testing & Measuring.)

Insulated Joints (for Electrical Track Circuits)

Continuous Rail Joint Co., Newark, N. J.
Weber Railway Joint Mfg. Co., 71 B'way, N. Y.

Insulated Wire

(See Wire, Insulated.)

Insulating Asphalt

INDIAN ASPHALT CO., Railway Exchange bldg, Chicago, Ill. (See adv. index, end of book)
STOWELL MFG. CO., 114 to 134 Culver av, Jersey City, N. J. (See adv. index, end of book)

Insulating Brick

Union Fiber Co. (Fire Proof & Non Conductor of Heat & Cold), Winona, Minn., & 143 Reed, Milwaukee, Wis.

Insulating Cloth.

Mica Insulator Co., 218 Water, New York.
National India Rubber Co., Bristol, R. I.
Pittsburg Insulating Co. (Linen), Peoples Sav-Bank bldg, Pittsburg, Pa.
Standard Paint Co., 100 William, New York

Insulating Compounds

(See also Paints, Insulating.)

Bowdlear, W. H. & Co., 149 Pearl, Boston, Mass.
Durnaoid Mfg. Co. (Composition), 22 Prospect, Newark. N. J.
ELECTROSE MFG. CO., 127 N 10th, Brooklyn, N. Y.
Johns, H. W.-Manville Co., 100 William, New York, & Milwaukee, Wis.
Loando Hard Rubber Co., Boonton, N. J.
Macallen, W. T. C. Co., 338 Congress, Boston, Mass.
Massachusetts Chemical Co., 170 Sumner, Boston, Mass.
Morgan & Wright (Inc.) (Stick), 19 N May, Chicago, Ill.
National India Rubber Co., Bristol, R. I.; 253 B'way, New York, & Providence, R. I.
OKONITE CO. (Ltd.), 253 B'way, New York (See adv. index, end of book)
Osborn, S. J., Jr., & Co. (Asphalt), Cinn., O.

Insulating Fibre

American Vulcanized Fibre Co., Wilmington, Del.
Delaware Hard Fibre Co., Wilmington, Del.
Diamond State Fibre Co., Elsmere, Del.
Durandold Mfg. Co. (Trolley Insulating Parts), 24 Prospect, Newark, N. J.
Kartavert Mfg. Co., Wilmington, Del.
Leatheroid Mfg. Co., Kennebunk, Me.
Loando Hard Rubber Co., Boonton, N. J.
National India Rubber Co., Bristol, R. I.

Insulating Joints

Continuous Rail Joint Co., Newark, N. J.
Flagg, Stanley G. & Co., 19th & Penna. av, Phila., Pa., & 220 B'way, N. Y.
Macallen, W. T. C. Co., 338 Congress, Boston, Mass.
Pass & Seymour, Syracuse, N. Y.
Reconstructed Granite Co., 14 Dey, N. Y. Works, Norristown, Pa.

Insulating Material

American Insulating Material Mfg. Co. (Sawyers Rock Cotton Insulating Blocks), St. Louis, Mo.
ELECTROSE MFG. CO. (Hard Rubber Substitute), 127 N 10th, Brooklyn, N. Y.
Johns-Manville Mfg. Co., H. W. ("Niagrite" for High-Tension Elec. Cables), 100 William, New York
Keasbey & Mattison Co., Main office & Works, Ambler, Pa. Branch, 84 John, New York
OKONITE CO. (Ltd.), 253 B'way, New York. (See adv. index, end of book)
Reconstructed Granite Co., 14 Dey, N. Y. Works, Norristown, Pa.
Steward, D. M. Mfg. Co. ("Lavite"), Chattanooga, Tenn.
Vulcanized Rubber Co. (Hard Rubber), 110 Grand, New York

Insulating Paints

(See Paints, Insulating.)

Insulating Papers

American Insulating Material Mfg. Co. (Sawyer's "Polar Brand"), St. Louis, Mo.
American Vulcanized Fibre Co., Wilmington, Del.
Barrett Mfg. Co. (Also Insulating Rope), Land Title bldg, Phila., Pa.; Merchant Loan & Trust bldg, Chicago, Ill.; 17 Battery pl, New York; St. Louis, Mo.; Cleveland, O.; Cincinnati, O.; Pittsburg, Pa.; Minneapolis, Minn.; Kansas City, Mo., & New Orleans, La.
Bird, F. W. & Son, East Walpole, Mass.
Booth, J. B. & Co., 225 1st av, Pittsburg, Pa.
CABOT, SAMUEL (Cabot's Quilt), 141 Milk, Boston, Mass., & 28 Dearborn av, Chicago. (See adv. index. end of book)
Case Bros. (Boards, any size or Thickness), Highland Park, Conn.
Chatfield & Wood Co., 347 W 4th, Cincinnati, O.
De Long, Julius & Co., Allegheny, Pa.
De Ronde, Frank S. Co., 46 Cliff, New York
Dexter, C. H. & Sons (Tissue, etc.), Windsor Locks, Conn.
Ford Mfg. Co., 226 LaSalle, Chicago, & Vandalia, Ill.
Franklin Mfg. Co., Franklin, Pa.
Graham Paper Co. ("'Mohegan," Jobbers), St. Louis, Mo.
Holden & Collins, 509 Minors, Phila., Pa.
Hollingsworth & Vose Co. (Tissue, etc.), 170 Summer, Boston, Mass.
Johns, H. W.-Manville Co. (Asbestos), 100 William, New York, & Milwaukee, Wis.
Kingsley Paper Co., 172 St. Clair, Cleveland, O.
Manning, Jno. A. Paper Co., 661 River, Troy, N. Y.
Munsell, E. & Co., 218 Water, New York
Pittsburg Insulating Co., People's Savings Bank bldg, Pittsburg, Pa.
Standard Paint Co., 100 William, N. Y., & 188 Madison. Chicago, Ill.
Tarentum Paper Mills, 1019 Liberty av, Pittsburg, Pa.
Trinidad Asphalt Mfg. Co. ("The. T. A."), 320 S 21st, St. Louis, Mo.
Union Mills Paper Mfg. Co. (For Electric Light & Telephone), New Hope, Pa.
WATSON, H. F. CO. (Asbestos). Erie, Pa.; 12 S Clinton, Chicago, Ill., & 233 Congress, Boston, Mass. (See adv. index, end of book)
Whittelsey, Frank H. (Tissue, etc.), Windsor, Locks, Conn.

Insulating Plaster

California Anti-Caloric Co., 217 Mission, San Francisco, Cal.

Insulating Press Boards

Rogers Paper Mfg. Co., South Manchester, Conn.

Insulating Saddle Staples

Insulating Saddle Staples Co. (for Electrical Work), Brockton, Mass.

Insulating Solder, Paste, Salts, Etc.

(See Soldering Paste, Salts & Stick.)

Insulating Tape

(See Tape, Insulating)

Insulating Varnish

Massachusetts Chemical Co., 170 Summer, Boston, Mass.
Sherwin-Williams Co., 104 Canal, Cleveland, O.
Smith, Edward & Co., 45 B'way, New York
STANDARD VARNISH WORKS, 29 B'way, New York; 2620 Armour av, Chicago, Ill., & 23 Billeter st, London, England (See adv. index, end of book)
Sterling Varnish Co., Pittsburg, Pa.
Trinidad Asphalt Mfg. Co., 320 S 21st, St. Louis, Mo.

Insulating, Vulcabeston

Johns-Pratt Co., Hartford, Conn.

Insulation, Cold Storage & Refrigerator

Armstrong Cork Co., 23d & River, Pittsburg, Pa.
Barrett Mfg. Co. (Insulalting Rope), Land Title bldg, Phila., Pa.; Merchant Loan & Trust bldg, Chicago, Ill.; 17 Battery pl, New York; St. Louis, Mo.; Cleveland, O.; Cincinnati, O.; Pittsburg, Pa.; Minneapolis, Minn.; Kansas City, Mo., & New Orleans, La.
Nonpareil Cork Works, 80 Hudson, New York

*Insulation (High Potential)

Reconstructed Granite Co., 14 Dey, New York. Works, Norristown, Pa.

Insulation (Rail)

N. Y. Rail Insulation & Equipment Co., 200 Market, Newark, N. J.

Insulator Pins, Brackets, Etc.

(See Cross Arms, Brackets & Pins, Wood.)

Insulator Stud & Straight Hanger

Billings & Spencer Co. (Single & Double Curve), Hartford. Conn.

Insulators

Akron Insulator & Marble Co. (Clay & Porcelain), Akron, Ohio
Akron Smoking Pipe Co. (Clay & Porcelain Tubes), Akron, O., & Mogadore, O.
American Marble & Toy Mfg. Co. ("Clay & Porcelain"), Akron, O.
Anderson, Albert & J. M. Mfg. Co., 289 A, So. Boston, Boston, Mass.
Billings & Spencer Co., Hartford, Conn.
Bossert Electric Construction Co. (Conduit Outlet), Utica, N. Y., & 26 Cortlandt, N. Y.
Bowers Mfg. Co. (Clay), Mogadore, O.
Brady, T. H. ("Brady's" High Voltage), New Britain, Conn.
Brian Pottery Co. (Porcelain), Trenton, N. J.
Brodie Electric Co. (Tree), Manchester, N. H.
Brookfield Gloss Co. (Glass), 220 B'way, New York
Liverpool, O.
Canton Insulator & Clay Co. (Clay & Porcelain), Canton, O.
Central Electric Co. (all kinds), 266 5th av, Chicago, Ill.
Creaghead Engineering Co. (Trolley & Section, "Creaghead," "West End" & Cap & Cone), 313 Walnut, Cincinnati, O.
Crescent Novelty Mfg. Co. ("Alva," Electrical), Chattanooga, Tenn.
Cutter, Geo. Co. (Arc & Tree), 129 Fulton, Chicago, Ill.
Diamond Porcelain Co. (Porcelain), Trenton, N. J.
Electric Porcelain & Mfg. Co. (of all kinds 25 to 50, main lines, covered, 15 to 25 branch lines, covered), Trenton, N. J.
Federal Clay Mfg. Co. (Vitrified Clay), 170 B'way, N. Y.
GENERAL ELECTRIC CO. (Porcelain, Wall, Floor, Pole, etc.), Schenectady, N. Y., & 44 B'way, N. Y. (See adv. index, end of book)
Greenwood Pottery Co. (Porcelain), Trenton, N. J.
Hartford Faience Co. (Porcelain), Hartford, Conn.
Hemingray Glass Co. (Glass), Covington, Ky.
Homer Commutator Co. (Mica), 108 Mason, Cleveland, O.

Imperial Porcelain Works (Porcelain, Transmission), Trenton, N. J.
Independent Arm & Pin Co., Cham. of Commerce bldg, St. Louis, Mo.
Johns, H. W.-Manville Co., 100 William, New York, & Milwaukee, Wis.
Johns-Pratt Co. (Moulded Mica), Hartford, Conn.,
Knowles, C. S. (Glass & Porcelain), 9 Arch, Boston, Mass.
Krantz, H. Mfg. Co. (or Nipples), Boerum pl. & State, Brooklyn, N. Y.
Leatheroid Mfg. Co. (Rail, etc.), Kennebunk, Me., & 108 Lincoln, Boston, Mass.
Lima Insulator Co. (Porcelain), Lima, N. Y.
Locke Insulator Mfg. Co. (High Voltage, Porcelain & China), Victor, N. Y.
Macallen, W. T. C. Co. (Overhead), 338 Congress, Boston, Mass.
Mayer & Englund, 1024 Filbert, Phila., Pa.
Mica Insulator Co. (Mica), 218 Water, New York
Mogadore Insulator Co. (Porcelain & Clay), Mogadore, O.
North Carolina Tale & Mining Co. (Talc), Hewitt, N. C.
Ohio Brass Co. (Tree), Mansfield, O.
OKONITE CO. (Ltd.), 253 B'way, N. Y. (See adv. index, end of book)
Pass & Seymour, Solway, Syracuse, N. Y.
Peru Electric Mfg. Co., Peru, Ind.
Pratt-Johns Co. (Moulded Mica), Hartford, Conn.
Reconstructed Granite Co. (Granite—Third Rail), 14 Dey, New York. Works, Norristown, Pa.
Renim Specialty Co. (Porcelain Wiring Tubes), Faneuil Station, Bosto,n Mass.
Sills-Eddy Mica Co. ("Micageston" Mica), Newark, N. J.
Standard Vitrified Conduit Co. (Clay Vitrified Salt Glazed), 39 Cortlandt, N. Y.
Steward, D. M. Mfg. Co. ("Lavite"), East End, Chattanooga, Tenn.
Thomas, R & Sons Co. (Porcelain), East Liverpool, O.
Townsend Cedar & Supply Co. (Wood), Monadnock blk, Chicago, Ill.
Union Fibre Co. (Lith Board & Flax Fibre), Winona, Minn., & 143 Reed, Milwaukee, Wis.
Union Porcelain Works (Porcelain), 300 Eckford, Brooklyn, N. Y.
Western Electric Co., 259 S Clinton, Chicago, & 57 Bethune, New York
Westinghouse Glass Factory (Glass), Westinghouse bldg, Pittsburg, Pa.
Wormser Glass Co., 2d & Sylvan av, Pittsburg, Pa.

Insulators (Strain)

(See also Insulators.)

Billings & Spencer Co. (Drop Forged), Hartford, Conn.
Creaghead Engineering Co. ("Bourbon"), 313 Walnut, Cincinnati, O.
Pass & Seymour, Solway, Syracuse, N. Y.

Insulators (Third Rail)

(See also Insulators.)

Erie City Iron Works ("The Slade"), Erie, Pa.
Federal Clay Mfg. Co. (Vitrified Clay), 170 B'way, N. Y.
Johns, H. W.-Manville Co., 100 William, N. Y.; 171 Randolph, Chicago, Ill.; 77 Pearl, Boston, Mass.; 23 N 2d, Phila., Pa.; 217 Clybourn av, Milwaukee, Wis.; 14 S Water, Cleveland, O.; 220 1st av, Pittsburg, Pa.; 217 Magazine, New London, La.; 916 N B'way, St. Louis, Mo.; Billister bldgs, London, Eng.
Mayer & Englund, 1024 Filbert, Phila., Pa.
Reconstructed Granite Co., 14 Dey, New York. Works, Norristown, Pa.
Standard Vitrified Conduit Co. ("Manhattan"), 39 Cortlandt, N. Y.

Insulators (Tree)

(See also Insulators.)

Anderson, Albert & J. M. Mfg. Co., 289 A, S. Boston, Boston, Mass.
Brodie Electric Co., Manchester, N. H.
Central Electric Co., 266 5th av, Chicago
Cutter, Geo. Co., 129 Fulton, Chicago
Johns, H. W.-Manville Co., 100 William, N. Y.; 171 Randolph, Chicago, Ill.; 77 Pearl, Boston, Mass.; 23 N 2d, Phila., Pa.; 217 Clybourn av, Milwaukee, Wis.; 14 S Water, Cleveland, O.; 220 1st av, Pittsburg, Pa.; 217 Magazine, New London, La.; 916 N B'way, St. Louis, Mo.; Billister bldgs, London, Eng.
Ohio Brass Co., Mansfield, Ohio

Insulators (Trolley)

(See Insulators.)

Insurance (Accident)

Aetna Life Insurance Co., Hartford, Conn.
American Fidelity Co., Montpelier, Vt.
Casualty Co. of America, 52 William, N. Y.
EMPLOYERS' LIABILITY ASSURance Corporation (Ltd.), of London, England, Samuel Appleton, Manager & Attorney for U. S., 71 Kilby, Boston, Mass.
Fidelity & Casualty Co., 97 Cedar, New York, & N. Y. Life bldg, Chicago
Frankfort Insurance Co., 100 William, N. Y.
Gen. Accident Ins. Co., Philadelphia, Pa.
Great Eastern Casualty & Indemnity Co., 290 B'way, N. Y.
London Guarantee & Accident Co., Chicago, Ill.
MARYLAND CASUALTY CO., Equitable bldg, Baltimore, Md., & 76 William, New York
New Amsterdam Casualty Co., 74 William, New York
North American Accident Insurance Co., Rookery, Chicago, Ill.
Ocean Accident & Guarantee Corp., 350 B'way, New York
Pacific Mutual Life Ins. Co., 508 Montgomery, San Francisco, Cal.
Pennsylvania Casualty Co., Scranton, Pa.
Philadelphia Casualty Co., Philadelphia, Pa.
Preferred Accident Ins. Co., 290 B'way, N. Y.
Standard Life & Accident Ins. Co., Detroit, Mich.
TRAVELERS INSURANCE CO., Hartford, Conn., & 31 Nassau, N. Y.
U. S. Casualty Co., 141 B'way, N. Y.
U. S. Health & Accident Insurance Co., Saginaw, Mich.

Insurance (Employers' General Liability)

Aetna Life Insurance Co., Hartford, Conn.
American Fidelity Co., Montpelier, Vt.
Casualty Co. of America, 52 William, N. Y.
EMPLOYERS' LIABILITY ASSURance Corporation (Ltd.), of London, England, Samuel Appleton, Manager & Attorney for U. S., 71 Kilby, Boston, Mass.
Fidelity & Casualty Co., 101 Cedar, New York, & N. Y. Life bldg, Chicago, Ill.
Frankfort American Insurance Co., 43 Cedar, New York
Frankfort Marine, Accident & Plate Glass Insurance Co., 153 LaSalle, Chicago, Ill.
Gen. Accident Ins. Co., Philadelphia, Pa.
London Guarantee & Accident Co., of London, England; 315 Dearborn, Chicago, Ill., & 45 Cedar, New York
MARYLAND CASUALTY CO., Equitable bldg, Baltimore, Md., & 76 William, New York
New Amsterdam Casualty Co., 76 William, N. Y.
N. Y. Casualty Co., 35 Nassau, New York
Ocean Accident & Guarantee Corp., 350 B'way, New York
Standard Life & Accident Ins. Co., Moffat bldg, Detroit, Mich., & 92 William, New York
TRAVELERS INSURANCE CO., Hartford, Conn., & 31 Nassau, New York
United States Casualty Co., 141 B'way, New York

Insurance (Health)

(See Insurance, Accident.)

Insurance (Indemnity Bond)

Aetna Indemnity Co., 650 Main, Hartford, Conn., & 68 William, New York
American Bonding Co., Baltimore, Md.; 253 B'way, New York, & 606 Tacoma bldg, Chicago, Ill.
American Fidelity Co., Montpelier, Vt.
American Surety Co., 100 B'way, New York
City Trust, Safe Deposit & Surety Co., 927 Chestnut, Phila.,Pa.
Employers' Liability Assurance Corp. (Ltd.), of London, Eng. Samuel Appleton, Manager & Attorney for U. S., 71 Kilby, Boston, Mass.
Fidelity & Casualty Co., 97 Cedar, N. Y., & N. Y. Life bldg, Chicago
Fidelity & Deposit Co., Baltimore, Md.; 35 Wall, New York, & 108 La Salle, Chicago, Ill.
Guarantee Co. of North America, Montreal, Canada; 115 B'way, New York, & "The Temple," Chicago, Ill.
Lawyers' Surety Co., 32 Liberty, New York
National Surety Co., 253 B'way, New York, & "The Rookery," Chicago
Ocean Accident & Guarantee Corp., 350 B'way, New York
Pacific Surety Company, San Francisco, Cal.
U. S. Fidelity & Guaranty Co., Calvert & German, Baltimore, Md.; 66 Liberty, New York, & N. Y. Life bldg, Chicago, Ill.
U. S. Guarantee Co., 115 B'way, New York, & 400 "The Temple," Chicago

Insurance & Inspection (Elevator)

(See Insurance, Indemnity Bond.)

Insurance & Inspection (Steam Boiler)

Casualty Co. of America, 52 William, New York
Employees' Indemnity Co. of Philadelphia, Stephen Girard bldg Philadelphia, Pa.
Fidelity & Casualty Co., 97 Cedar, N. Y., & N. Y. Life bldg, Chicago
HARTFORD STEAM BOILER INSPECtion & Insurance Co., Hartford, Conn. (See adv. opp. below)



MARYLAND CASUALTY CO., Equitable bldg, Baltimore, Md., & 76 William, New York
Ocean Accident & Guarantee Corp., 350 B'way, New York
Pacific Surety Co., San Francisco, Cal.
Pennsylvania Casualty Co., Scranton, Pa.
Philadelphia Casualty Co., Phila., Pa.
U. S. Casualty Co., 141 B'way, N. Y.

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.

Intensifiers

Bethlehem Steel Co., South Bethlehem, Pa., & 100 B'way, New York
Philadelphia Roll & Machine Co. (Hydraulic), 23d & Wash'n, Phila., Pa.
United Engineering & Foundry Co. (Hydraulic & Steam), Pittsburg, Pa.

Intercoolers (Air)

THE INGERSOLL-SERGEANT DRILL Co., 26 Cortlandt, New York. Offices: Mo.; 1718 California, Denver, Colo.; 21 Old Colony bldg, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg, St. Louis, 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 First av, Seattle, Wash.; Corestine bldg, Motreal, Canada; Mexico City, Calle 2a de Dolores No. 20, Mexico, D. F.; London, Eng., 114a Queen Victoria St.; Paris, France, 51 Rue de la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence St.; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co|; Lime, Peru, W. R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv. index, end of book)

Interior Finish

(See Wood Work, Architectural & Interior)

Interior Finish (Metal Covered)

BLANCHARD, J. F. CO., Fuller bldg, New York. (See adv. index, end of book)
FIRE PROOF DOOR CO., 401 12th av. Minneapolis, Minn. Sales offices: 166 Devoshinre, Boston, Mass.; 231 St. Paul, Baltimore, Md.; 18th & Austin, St. Louis, Mo.; 29 New Montgomery, San Francisco, Cal.; 221 Jackson, Seattle, Wash. (See adv index, end of book)

Interior Finish (Wholesale Mfs.)

(For the Retail List of this trade see Woodwork, Architectural & Interior.)

Berlin Mills Co., Portland, Me.
Cream City Sash & Door Co., Milwaukee, Wis.
Curtis & Yale Co., Wausau, Wis.
CYPRESS LUMBER CO., 153 Milk, Boston, Mass., & Apalachicola, Fla.
Disbrow, M. A. & Co., Lyons, Ia.
Foster-Munger Co., 20th & S Sangamon, Chicago, Ill.
Fuller & Rice Lumber & Mfg. Co., Grand Rapids, Mich.
Gauger, Jno. A. & Co., W 22d & Laflin, Chicago, Ill.
Gould Mfg. Co., Oshkosh, Wis.
Hilgen Mfg. Co., Cedarburg, Wis.
Huttig Mfg. Co., Muscatine, Ia.
Kertscher & Co., Elmira, N. Y., & 13 Lawrence, New York
Laird-Norton Co., Winona, Minn.
McMillen, R. Co., Oshkosh, Wis.
Morgan & Co., Oshkosh, Wis.
Nesbit, D. M. Co. (Wholesale Mfrs.), Lewisburg, Pa.
Paine Lumber Co., Oshkosh, Wis., & 1 Madison av, New York
Palmer, Fuller & Co., 2244 Lumber
Radford Sash & Door Co., Oshkosh, Wis., & 102 W 22d, Chicago
Roach & Musser Sash & Door Co., Muscatine, Iowa
Roach & Musser Mfg. Co., Kansas City, Mo.
Roberts, E. L. & Co., W 22d & Union pl, Chicago
Rock Island Sash & Door Works, Rock Island, Ill.
Rockwell Mfg. Co., Milwaukee, Wis.
Roehr, C. & Sons, Bucyrus, O.
STEARNS, A. T. LUMBER CO. (Cypress), Neponset, & 166 Devonshire, Boston, Mass. (See adv. index, end of book)
Whatcom Falls Mill Co. (Red Cedar), New Whatcom, Wash.
Werheim Mfg. Co., Wausaw, Wis.
Winona Lumber Co., Winona, Minn.

Interior Hardwood Work (Mfrs. & Erectors)

American Car & Foundry Co., Wilmington, Del.
Batavia & New York Wood-Working Co., Batavia, N. Y., & 949 B'way, New York
Baumgarten, Wm. & Co., 323 5th av, New York
Bohn Mfg. Co., Arcade & Wells, St. Paul, Minn.
Bossert, Louis & Son, Grand & Newtown Creek, Brooklyn, N. Y.
Carr-Ryder & Adams Co., Dubuque, Ia.
Carsley Mfg. Co., 76 Churchill, Chicago, Ill.
Cleveland Window Glass Co. (Mfrs.), Cleveland, O.
Compound Door Co., 189 LaSalle, Chicago, Ill., & St. Joseph, Mich.
Curtis & Yale Co., Wausaw, Wis.
Edmunds Mfg. Co., c S Robey & Washburne av, Chicago
Flint, George C. Co., 45 W 23d, New York
Goodlander, G. W., 3436 Campbell, Kansas City, Mo.
Hale & Kilburn Mfg. Co., 48 N 6th, Phila., Pa.
Hand's, W. H. Sons, 2638 Park av, New York
Harlan & Hollingsworth Co., Wilmington, Del.
Hayden Co., 520 5th av, New York
Hedden, V. J. & Sons Co., 491 Ogden, Newark, N. J.
Heitland, J. H., 100 N Front, Quincy, Ill.
Herter Bros., 369 5th av, New York
Herts Bros., 507 5th av, New York
Hess, D. S. & Co. 421 5th av, New York
Hoffstatter, Theo. & Co., 589 5th av, New York
Hyde-Murphy Co., Ridgway, Pa.
INTERIOR HARDWOOD CO., Indianapolis, Ind. (See adv. index, end of book)
Jobst, B. J., Paxton blk, Omaha, Neb.
Kertscher & Co., Elmira, N. Y., & 13 Lawrence, New York
Kimbel, A. & Sons, 389 5th av, New York
Kleeman, Wm. & Co., 619 W 54th, New York
Luenzmann, Chas. Construction Co., 1929 Chestnut, Milwaukee, Wis.
McConnell Mfg. Co., Hornellsville, N. Y., & 160 5th av, New York
McGonigle, James A., Leavenworth, Kan.
McLeod, Angus Co., 409 6th av S, Minneapolis, Minn.
Matthews Bros. Mfg. Co., Milwaukee, Wis.
Miller, William & Sons Co., Rochester, Pa., & Frick bldg, Pittsburg, Pa.
Mitchell, Robert, Furniture Co., 624 Race, Cincinnati, O.
Moore, S. C. & Son, Kokomo, Ind.
Passman & Dauere, 501 E 70th, New York
Pinches, J. Co., New Britain, Conn.
Pottier & Stymus Co., 375 Lex. av, New York
Raabe, H. & Sons, 319 W 64th, New York
Richardson & Burgess, 613 14th, N W Washington, D. C.
Roehr, C. & Sons, Bucyrus, O.
Rummler, H. B., 367 W 11th, New York
St. Paul Furniture Co., 7 Corners, St. Paul, Minn.
Schaettler, F., 533 W 34th, New York
Schmid, Geo. A., 702 E Main, Streator, Ill.
Seaman, W. S. & Co., 216 E Water, Milwaukee, Wis.
Shenk, Henry Co., Erie, Pa., & Lewis blk, Pittsburg, Pa.
Simonson Bros. Mfg. Co., Minneapolis, Minn.
Sloane & Moller, 316 E 64th, New York
Stannard, Ambrose B., 1133 B'way, New York
Strobel, Philip & Sons, 53 Elizabeth, New York
Taylor, Henry Lumber Co., Lafayette, Ind.
Tiedt & Markthaler, 276 9th av, New York
Weybrecht's, J. T. Sons, Alliance, O.
White, Potter & Paige Mfg. Co., 26 W 24th, New York
WILSON, JAS. G. MFG. CO., 3 W 29th, New York. Factory, Norfolk, Va. (See adv. index, end of book)
Wolfinger, Clarence I., 164 LaSalle, Chicago, Ill.
Wollaeger Mfg. Co., 636 N Water, Milwaukee, Wis.

Iron (Architectural & Ornamental)

* in front of firm names under this classification designates founders who also make Builders' Castings, and the words "Cast, Wrought, Ornamental," etc., indicate the kinds.

The following are sub-clasifications and duplications of this trade
Bank & Office Railings.
Elevator Cars.
Elevator Enclosures.
Fire Escapes.
Gates (Ornamental Iron).
Grilles (Brass & Bronze).
Grilles (Wrought Iron).
Iron Railings & Fences.
Iron Jail & Cell Work.
Iron Stair Builders.

ALABAMA.

BIRMINGHAM—Williamson Iron Co.
CULLMAN—Ehrensperger, H.
HUNTSVILLE—Huntsville Foundry & Machine Works (Nolan & Jones, Props.)
MOBILE—Alabama Iron Works
Buergen, August (Railings)
MONTGOMERY—*Janney, A. A. & Co.
SELMA—Peacock's Iron Works

ARKANSAS.

LITTLE ROCK—Thomas-Fordyce Mfg. Co.
Wing & Stephens Co.
MAGNOLIA—Miller, Geo.
PINE BLUFF—Dilley Foundry Co.

CALIFORNIA.

FRESNO—Fresno Agricultural Works
Halford, J.
Valley Foundry & Machine Works.
HAYWARDS—Linekim & Allen, Main
LOS ANGELES—*Baker Iron Works, 950 Buena Vista
Fruhling, W. A., 218 S Los Angeles
Fulto nEngine Works, opp Naud Sta.
Llewellyn Iron Works, Main & San Fernando
Union Iron Works, 406 1st
OAKLAND—Aetna Foundry Co.
Matthews, Francis I.
SACRAMENTO—Root, Nielson & Co.
SAN DIEGO—Standard Iron Works
Sterne Bros. Co.
SAN FRANCISCO—Bay City Iron Works, 136 Main
Brode & Clark Iron Works, 621 Howard
California Artistic Metal & Wire Co., 539 Mission
*Hendy, Joshua, Machine Works, 38 Fremont
*Jackson, P. H. & Co., 228 1st
Lutge, Richard, 18th & Treat av
Pacific Plating & Metal Works, 550 Mission
Ralston Iron Works, 222 Howard
San Francisco Novelty & Plating Works, 515 Mission
Schrader's Iron Works, 117 Beale
Standard Iron & Wire Works, 539 Mission
Vulcan Iron Works, 505 Mission
Western Iron Works, 123 Beale
***WINSLOW BROS. CO., 121 New** Montgomery. (See adv. index, end of book)
SAN JOSE—Kuehenbeiser, F. & Son
STOCKTON—Globe Iron Works (Inc.)
Stockton Iron Works

COLORADO.

COLORADO SPRINGS—Hassell Iron Works
DENVER—Colorado Iron Works, 33d & Wynkoop
*Davis, F. M. Iron Works Co., 723 Larimer
Denver Iron & Wire Works Co., 1403 Market
Pioneer Iron & Wire Works Co., 1437 Market
Vulcan Iron Works Co., 1709 Blake
PUEBLO—Colorado Fuel & Iron Co.
Lannon Bros., 258 S Santa Fe av
Pueblo Bridge Co., Riverside bldg

CONNECTICUT.

BRIDGEPORT—Bridgeport Boiler Works
Pacific Iron Works (Inc.)
Parsons, R. E. Co. (Castings Only)
BRISTOL—Sessons Foundry Co.
Skidmore, P. H. & Sons
HARTFORD—Buellesbach, Wm., 103 Potter
Hartford Foundry Corp.
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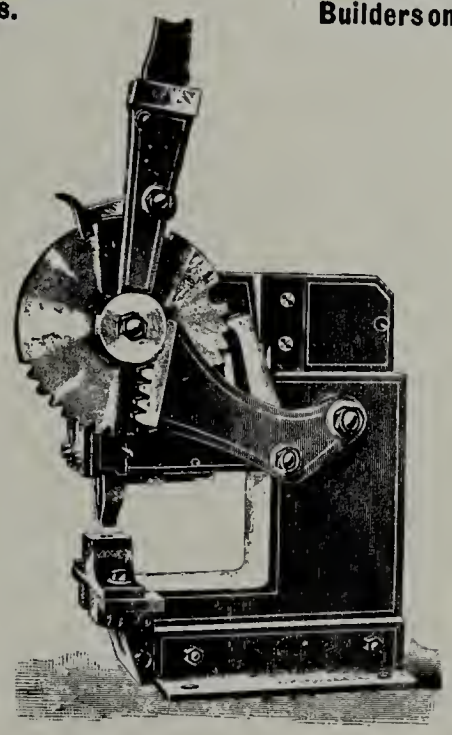
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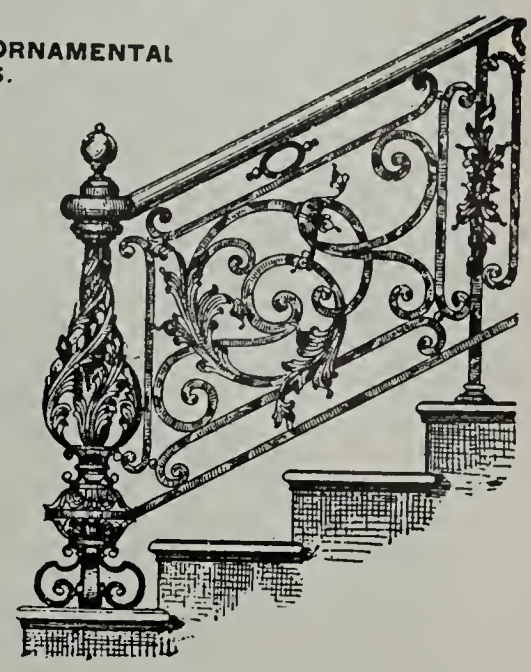
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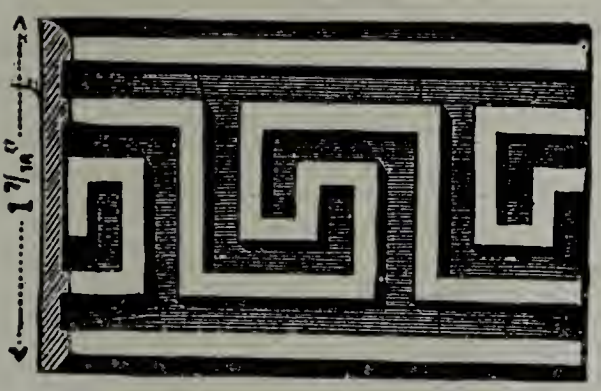




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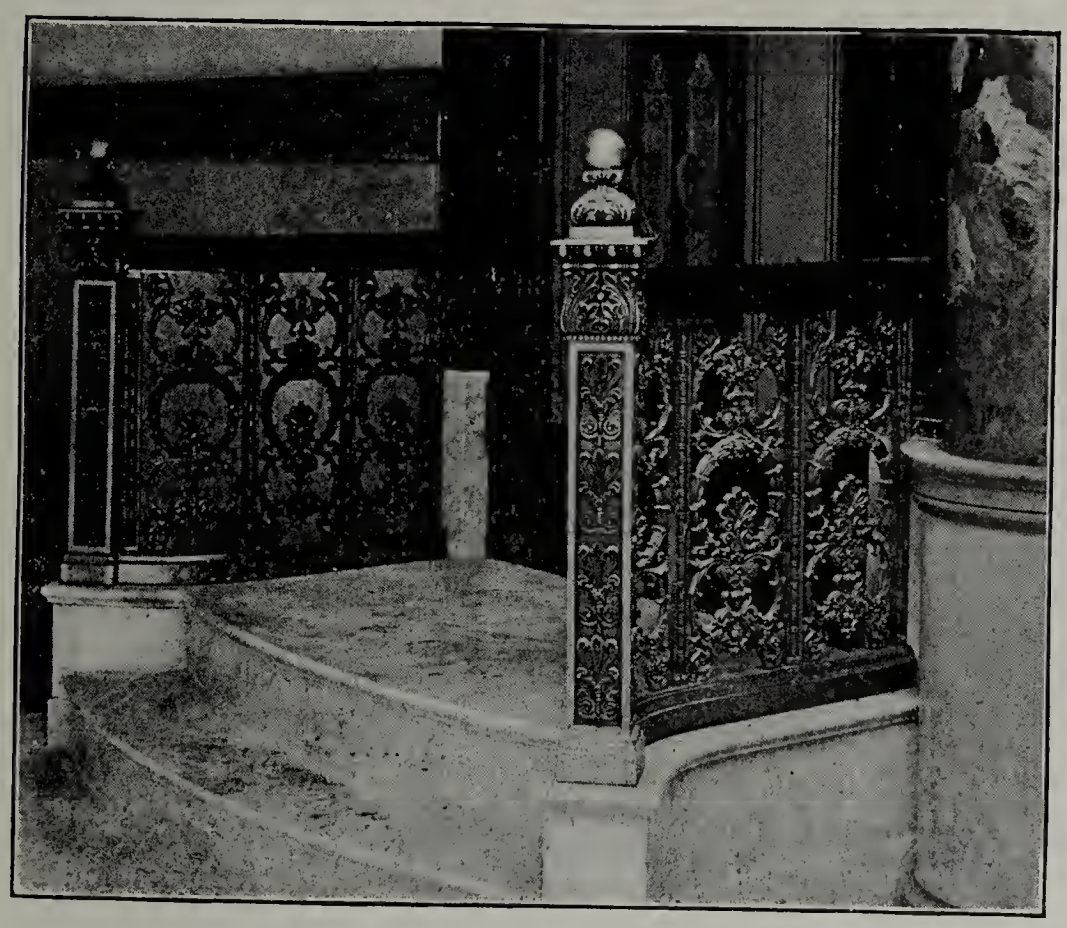


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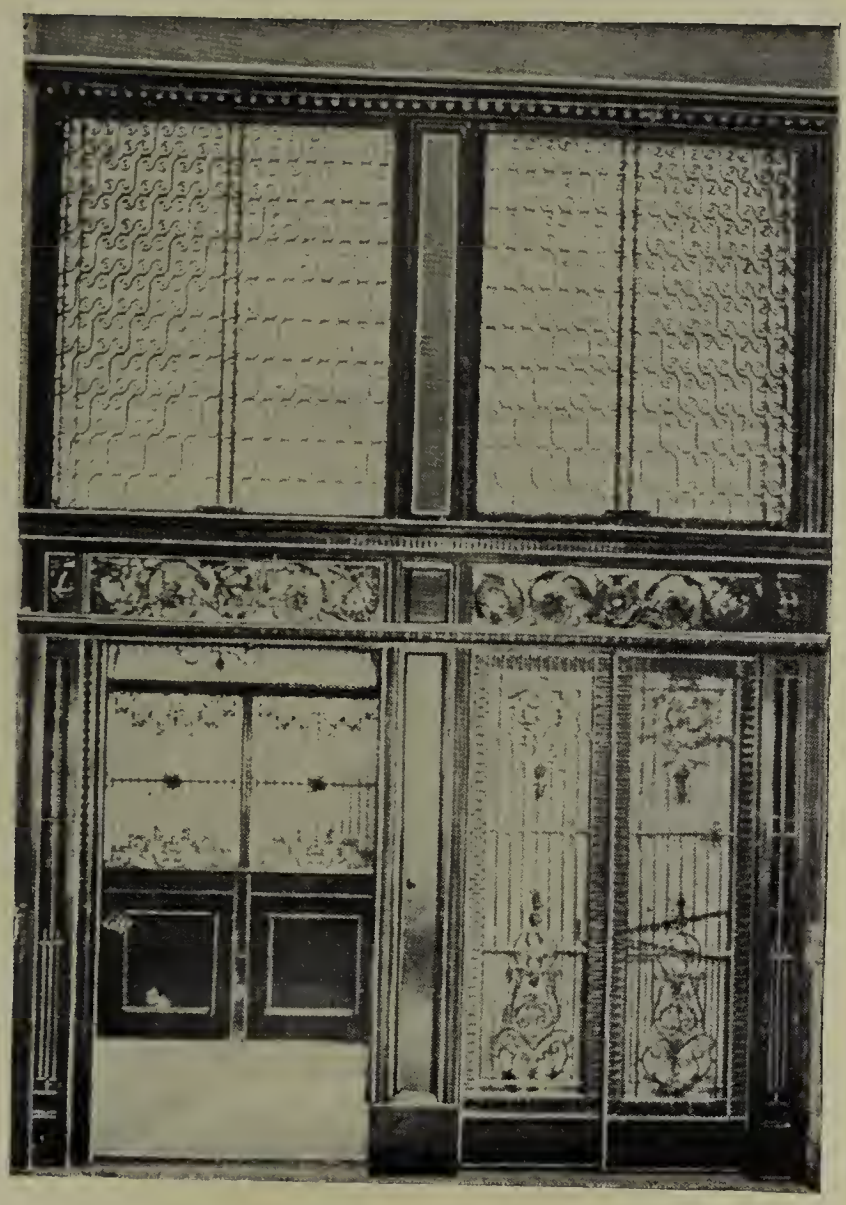
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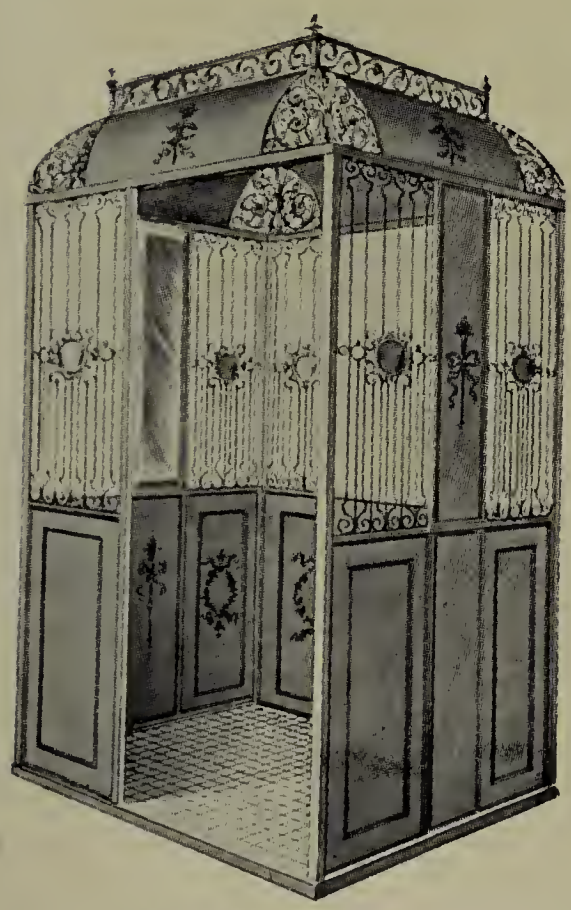
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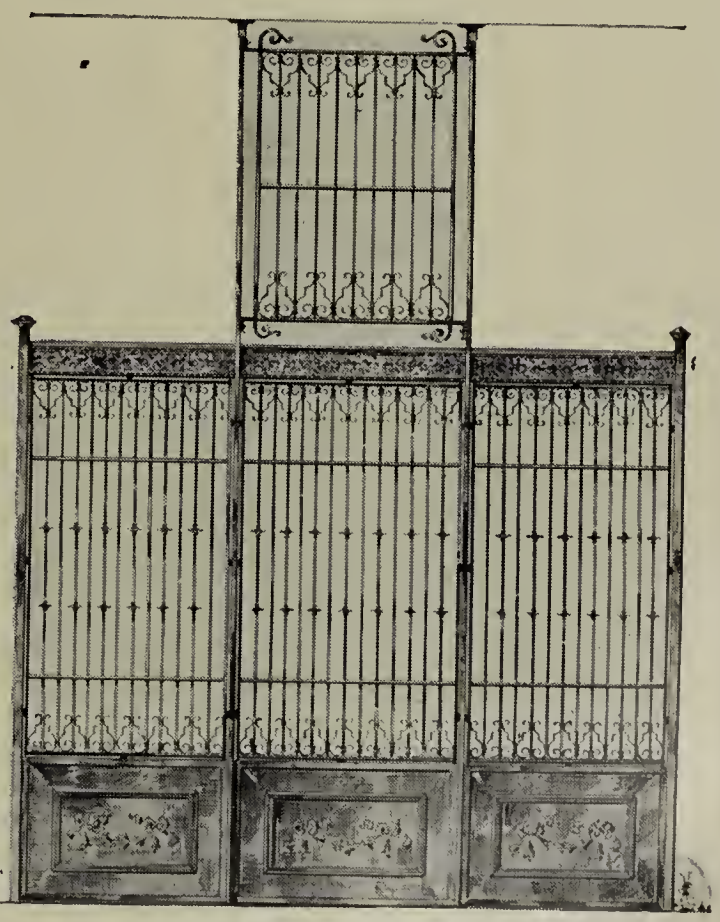
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GREENVILLE—Wall, Jas. Foundry & Machine Shop
JACKSON—Mis. Foundry & Machine Co.
MERIDIAN—Martin Machine Works
NATCHEZ—Shaw, C. P.
VICKSBURG—Foley, P. J. & Son

MISSOURI.

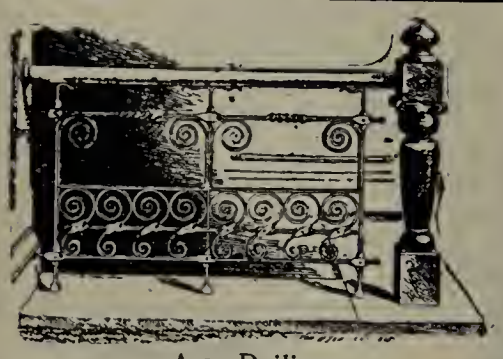
BROOKFIELD—Mettler, L. M.
CAMERON—Dildine Bridge & Construction Co.
CARTHAGE—Carthage Fdry. & Mach. Wks.
Stout-Parke Foundry & Mach. Co.
CHILLICOTHE—Way, Frank Foundry & Machine Co.
JOPLIN—Joplin Machine Works
KANSAS CITY—Kansas City Wire & Iron Works, 1428 Oak
*Riverside Iron Works Co. (See Kansas City, Kan.)
Standard Shutter & Iron Works, 1935 Central
NEOSHO—Rogers, J. A.
POPLAR BLUFF—Poplar Bluff Foundry & Machine Works
ST. JOSEPH—*Ambrose Foundry & Machine Co., 8th & Monterey
*Berry Foundry & Mfg. Co., 5th c Walnut
Crowthers & Rogers Mfg. Co., 8th & Messanie
Garvey & Co., 600 S 7th
Jamieson & Combe Iron Works, 113 Francis
SPRINGFIELD—*Crescent Iron Works
Sterling Iron Works
ST. LOUIS—Aetna Iron Works, cor 21st & Papin
*American Car & Foundry Co. (Castings Only)
Banner Iron Works, Koken bldg
Christopher & Simpson, Arch'l Iron & Foundry Co., 811 Park av
*Globe Iron & Foundry Co., 901 Victor
*Koken Iron Works, Old Manchester rd
Ludlow-Saylor Wire Co., 120 S 4th
Mesker & Bro., 423 S 6th
National Iron Works, 2708 N 25th
Schurk Iron Works, 323 S 4th
St. Louis Architectural Iron Co., DeKalb & Lesperance
St. Louis Wire & Iron Co., 518 to 522 Chouteau av
South St. Louis Foundry, 7514 S B'way
Spuck Iron & Foundry Co., Branch & 14th
Stupp Bros., Bridge & Iron Co., Weber rd
*Union Iron & Foundry Co., 1458 S 2d
Victor Iron Works, 7th & Victor
Western Foundry & Sash Weight Co. (Castings), 2d & Miller
*WINSLOW BROS. CO., Colonial Trust bldg. (See adv. bottom of this page)

MONTANA.

ANACONDA—Anaconda Copper Mining Co.
BUTTE—Montana Iron Works
Western Iron Works
GREAT FALLS—Great Falls Iron Works
HELENA—Caird & Hawksworth

NEBRASKA.

BEATRICE—Beatrice Iron Works
FREMONT—Fremont Foundry & Machine Co.
LINCOLN—Hedges, C. E.
Smith, R. L., Machine Works
OMAHO—Campion Iron & Wire Works, 617 S 16th
Industrial Iron Works, 1408 Howard
*Paxton & Vierlin Iron Works, S 17th & U. P. Ry.
Wearne Bros., 1409 Jackson
YORK—York Foundry & Engine Works


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CONCORD—*Concord Foundry Co.
MANCHESTER—Hutchinson, C. H., Foundry

NEW JERSEY.

BAYONNE—Clark Iron Foundry
CAMDEN—Camden Ornamental Metal Works
Frand, M. J. & Co.
Merritt & Co.
EAST ORANGE—Collinson, Joshua, 4 N Walnut
ELIZABETH—Moore, S. L. & Sons Co.
HOBOKEN—Fagan Iron Works, 309 Jefferson
Feudtner, J. & Co., 7th
Hamill, Alex. (Est. of)
JERSEY CITY—Fagan Iron Works, 14th St
Fendtner, Jacob & Co., 383 7th
National Sheet Metal Roofing Co., 339 Grand
Haberman & Son, 22 Cliff
Hamill, A. (Est.), 426 Montg'y
*SNEAD & CO. IRON WORKS, ft of Pine st. (See insert opp. page 597)
KEARNEY—(See Arlington)
MADISON—Force, Chas. & Son
NEWARK—Burns Iron Works, 201 Commerce
Frank, John, 21 Prospect
*Hay Foundry & Iron Works, 9 Alling
Plumb Point lane
Hedden, Eugene B., 22 Clinton
*Hewitt, Thos. Sons Co. (Castings), E. N.
*Metcalf & Morrison (Castings Only), 126 Polk
Smith's, Albert Sons, 72 N. J. R. R. av
NEW BRUNSWICK—Empire Foundry Co.
ORANGE—Bulkley, H. W., 166 Alden
Orange Iron Works, Alden c High
PATERSON—Bogert & Carlough Co.
*Eastwood, Benj. Co. (Builders' Castings Only)
Lendrim, H. C., 82 Clay
PLAINFIELD—Kirk, William T.
TRENTON—Baker, W. H., Mulberry st.
*MacKenzie, Duncan
N. J. Steel & Iron Co., ft S Warren
WEST HOBOKEN—Courtman, Walter F.

NEW MEXICO.

ALBUQUERQUE—Albuquerque Foundry & Machine Co.
LAS VEGAS—Adlon, J. C.

NEW YORK.

ALBANY—Clark, J. W., Pleasant nr N Pearl
Frey, Hy., 502 2d
*McKinney, J. & Son, 925 B'way
AUBURN—Crane, W. W.
BINGHAMPTON—Adams, V. P.
Shapley & Wells, 118 Washington
BROOKLYN—(See N. Y. City, Borough of Brooklyn)
BUFFALO—Buffalo Structural Steel Co., 166 Dart
*Ernst, Charlels F. Sons, 65 Lathrop
Feine, August, 152 Terrace
*Ginther's, J. Sons, 419 B'way
Harrower, H. C., 35 Court
Jones Iron Works, 308 Terrace
*Kellogg Iron Works, c Mary & Illinois
Standard Foundry Co., 29 Mississippi
Wurtz, Geo. P., 23 Lloyd
COHOES—Cohoes Iron Foundry & Machine Co.
JAMESTOWN—*Eagle Foundry & Machine Co.
Nichols & Son, 11 Sherman pl
LONG ISLAND CITY—(See N. Y. City, Borough of Queens)

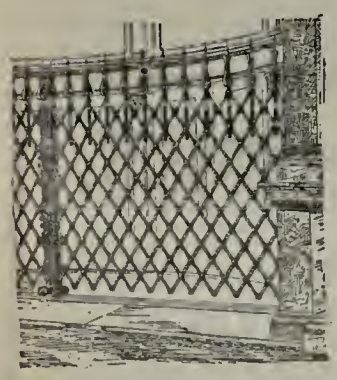
NEW YORK CITY.

Borough of Brooklyn

BROOKLYN—AJAX IRON & WIRE CO., 75 York
Auer, John, Jr., 199 Middleton
Bergen Iron Works, 267 45th
Brooklyn Architectural Iron Works, 97 22d
Brown, Chas. O., 200 B'wick av
CHILD, W. C. W., 355 Kingsland av. (See margin bottom of page)
Clarke & Stowe, 229 Kent
Dannemann, A. M., 126 Central av
Dugro, Philip & Son, 134 Ten Eyck
Duvinage, Pierre & Co., 500 Leonard
*Eagle Iron Works (Inc.), 850 DeKalb av
Evans, F. H., 600 Kent av
Felgenhauer, E. & Sons, 753 Lex av
Flick, Wm. J., 397 3d av
Fluegel, Anton, 219 Cook
Gratz, George, 1135 De Kalb av
Green, B. G., 229 Pacific
Grosback, Wm. & Co., 37 Maspeth av
Hassler, Fred'k, 2 Sullivan
HECLA IRON WORKS, 118 N 11th. (See insert opp. this page)
Hoff, Herman J., 556 Hamilton av
Kennington, Geo. W., 24th n 3d av
McManus, James W., 98 Flatbush av
McMurray, Robert T. & Bro., 365 Harman
May, Jacob, 850 DeKalb av
Milliken Bros., ft Clinton
Mullon Bros., 315 S 3d
Pirkl, John, Iron Works, 240 N 10th
Popke & Son, 805 Lexington av
*Reliance Arch'l Iron Works, 253 Monitor
Resch, John, 227 Kent
RICHEY, BROWNE & DONALD (See Borough of Queens)
Schubert's Ornamental Iron Works, 62 N 1st
Silk, Thomas, 68 Summit
*Simpson Foundry Co., 26 Rodney
Sorensen, Chas., ft 39th
Strubel, R., 100 Wyckoff
Webb & Bloss, 251 Monitor
Whale Creek Iron Works, 372 Greenpoint av
Zetler, Eugene, 568 Kent av

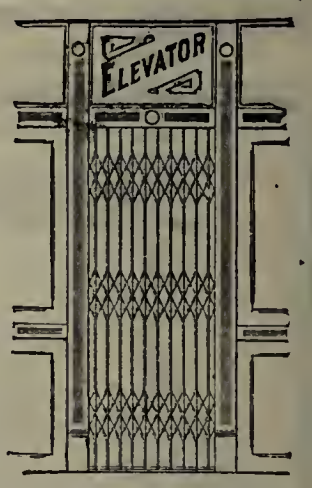
Boroughs of Manhattan & Bronx

NEW YORK—Adelstine & Avrutine, 82 Rutgers
Ahr, Anton, 701 Elton av
Ahr, Henry, 702 E 148th
Alexander, W. J. & Co., 11 Thompson
*American Car & Foundry Co., 25 Broad (Castings Only)
Bagge, Ernest, 155 E 128th
Bartsch, Chas., 792 Amsterdam av
Bataille, A. & Co., 587 Hudson
Becker, Hans, 318 E 48th
Borkstrom, Oscar G., 453 E 148th
Bowes, Jno. J., 227 W 29th
Boyle & Lawton, 518 W 22d
Brady & Hauptmann, 406 E 104th
Bronx Iron Works, 331 Brook av
*Brown-Ketcham Iron Works, 1133 B'way
Buellesbach Bros., 580 Robbins av
BURKHARDT, JOHN, 519 W 45th. (See adv. index, end of book)
Busse, Armand (Manhattan Iron Works), 302 E 98th
CABARET, PAUL E., 342 W 14th. (See adv. index, end of book)
Centennial Iron Works, 190 Elm
Central Iron Works, 420 E 48th
CHILD, W. C. W., 1123 B'way. (See margin bottom of page)
Clark, Jos., 349 W 48th
Clausen & Hoffmeyer, 508 E 74th
Cook, Francis, 407 W 36th
Cooper-Wigand-Cook Co., 152 W 34th
*Cornell, J. B. & J. M. Co., 26th & 11th av
Crosman, Geo. J. & Co., 1123 B'way
Dahm, Henry, 517 W 45th
Dimond, J. R., 128 W 33d
Dimond & Von Bauer, 1123 B'way
Dudley, Jas. H., 874 Westchester av
Duke, Kaplan & Co., 282 9th av
Eagle Iron Works, 403 E 117th
Empire Wrought Iron Works, 131 E 18th
Fotheringhame, Geo. & Son, 350 W 18th
Gehnrich, Herman, 69 Rutgers Slip
Gersmann, Rud, 21 E 137th
Gordon, A. & Bro., 188 Monroe
Graf Bros., 279 Avenue B
Grossman Bros. & Rosenbaum, 540 W 58th
Greenberg & Bartlett, 136 Liberty
Hafers, Chris Iron Works, 407 W 37th
Hall, Charles W., 1123 B'way
Hanauer, John, 1675 3d av
Happel, Adam, 1801 1st av
Harlander & Edelmann, 464 10th av
Hay Foundry & Iron Works, 141 B'way
HECLA IRON WORKS (See Brooklyn)
Hinkle Iron Co., 534 W 56th
Hoehn, Wm., 312 W 16th
Holl, John, 1971 1st av
Hood, R. H., 220 B'way
Howard & Morse, 45 Fulton
Howell, Henry M. & Co., 369 W 11th
Hudson River Iron & Bronze Works, 577 9th av
JACKSON, WM. H. CO., 29 E 17th (Union Sq.) (See insert opp. this page)
Johnson Bros., 89 Elizabeth
Jordis, John J., 430 E 110th
Koehn, Alfred, 157 W 29th
Lange & Co., 423 E 22d
Lamore, Jno. E., 407 E 91st
Lawyer & Spence, 1959 Park av
Le Baron Fdry. Co., 625 6th av
Levering & Garrigues, 552 W 23d
Levine & Posner, 144 Goerck
Lewinson & Just, 128 W 42d
Liberty Iron Works, 462 10th av
Lieberman & Sanford, 603 W 36th
Lipper, Nathan, 152 Chrystie
Lobel-Andrews Co., 531 W 55th
*McDougall & Potter Co., 606 W 55th
McIntosh, Alex., 21 E 20th
McKay, Thos., 460 E 10th



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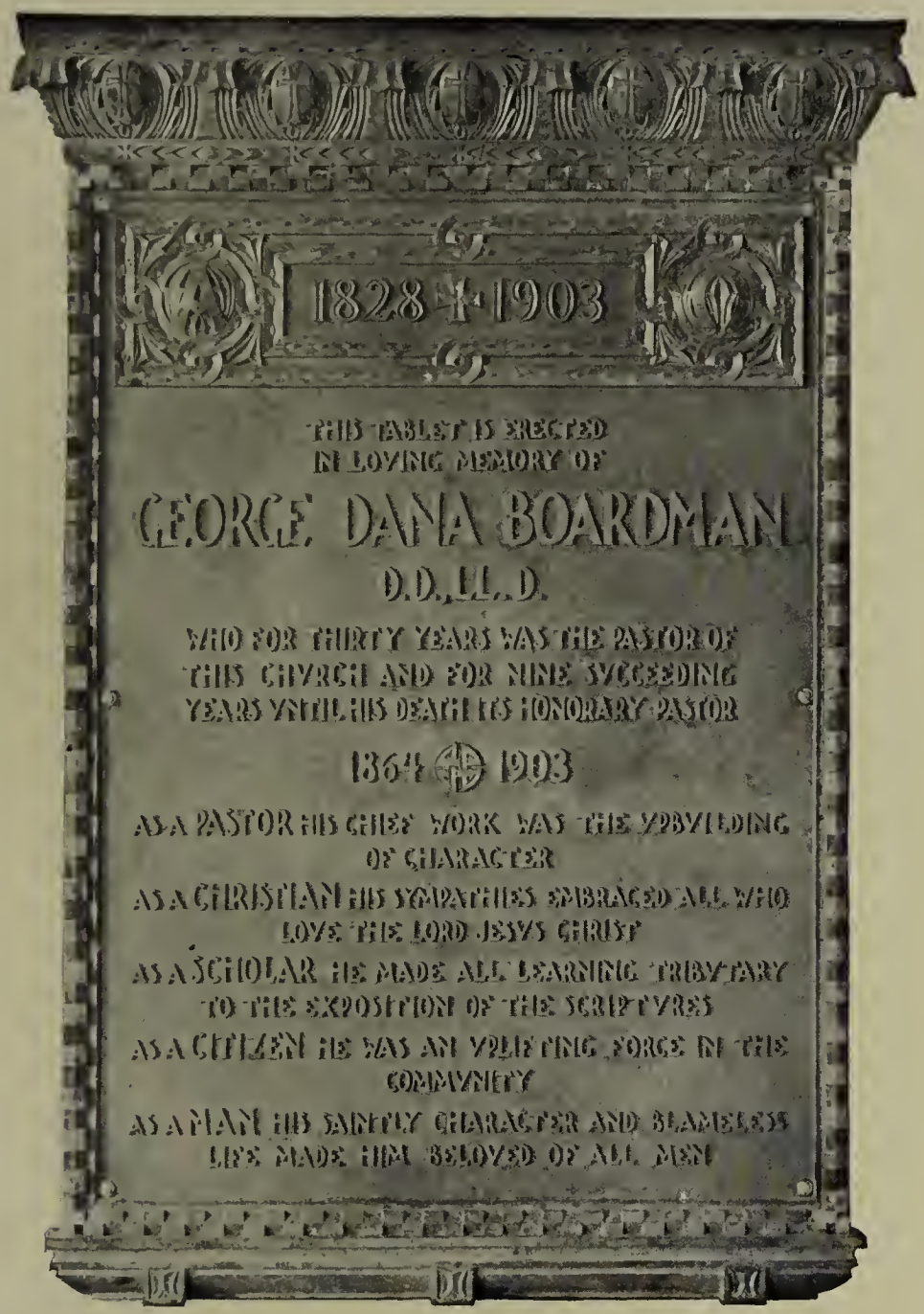
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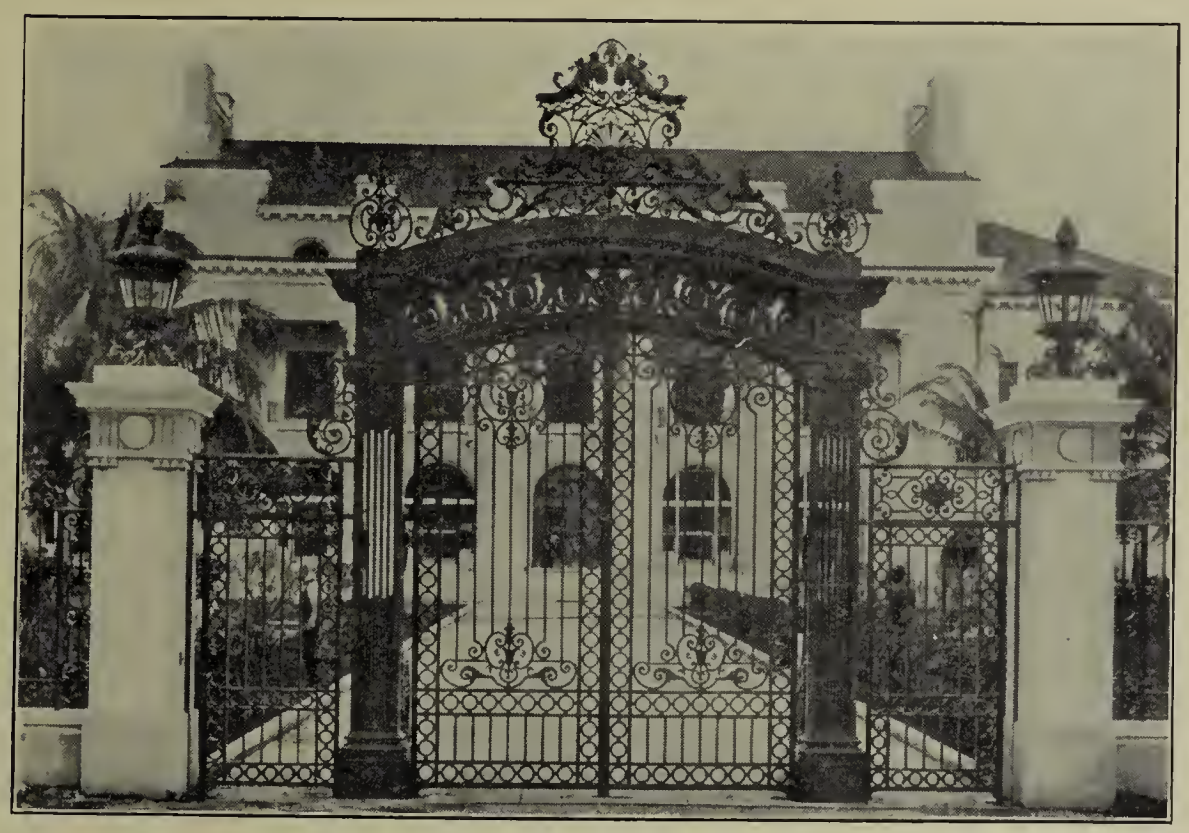
DUPLEX PLATE, ELECTRO-PLATE AND BOWER-BARFF FINISHES.

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McMurray, Robt. T. & Bros., 287 4th av
Manhattan Iron Works, 302 E 98th
Milliken Bros., 11 B'way
Mott, J. L. Iron Works, 88 Beekman
*Murray Hill Iron Works Co., 212 E 37th
Nelson, Wm., A., 1023 Washington av
N. Y. Ornamental Iron Works, 315 E 22d
Nuhn, C., 8 2d
Nussbaum, Isaac, 330 Rivington
New York Bridle Iron Co., ft E 132d
Palmer, B., 231 W 50th
Palmer, H., 515 W 130th
Pearson, S. P. & Co., 74 Monroe
Perelson, Lazarus, 202 Centre
Pfeifer Bros., 473 G'wich
Pierson & Co., 29 B'way
PITT, WM. R. COMPOSITE IRON Works, 111 5th av. (See adv. preceding page)
Pollock, Edmond L., 2342 Old B'way
Post & McCord (Inc.), Fuller bldg
Prince Iron Works, 555 W 33d
*Radley, John J. & Co., 624 E 19th
Rapp Iron Works, 301 11th av
Ravitch Bros., 81 Mangin
Reilly, Daniel E., 360 E 76th
Reissler & Kline, 819 E 9th
Reynolds, E. P., 652 E 12th
Rueth, Jos., 462 10th av
Ruhling, Fred'k, 319 E 22d
Sexauer Iro Wonrks, 401 E 91st
*Shriver, T. & Co., 333 E 56th (Castings Only)
Simons & Moersfelder, 145 Ave. D
Soennecker, Gustav, 1317 3d av
Starr Iron Works, 4077 Park av
Staudinger, Wm., 631 E 9th
Steinel, Bruno, 142 W 24th
Stikeman, Geo., Metal Works, 239 B'way, New York
*Storm, Walter H. & Co., 26 Cortlandt
Tandy, Jno. J., 131 E 18th
Taylor, Jas., 223 Mercer
Terry & Tench Construction Co., 131st & Lexington
Thomas, Leonard, 406 W 30th
Thompson, Hervey. 176 E 119th
TYLER, W. S. CO., 11 B'way. (See insert opposite)
Uris, Harris, 525 W 24th
Vreeland, G. A., 229 W 36th
Wagners, Wm., 88 Cypress av
Westervelt, A. B. & W. T., 102 Chambers
Westing, Theo., 449 W 41st
Williams, John, 556 W 27th, & 1903 Park av
***WINSLOW BROS. CO., 150 5th** av. (See adv. index, end of book)
Zimmerman, L. J., 513 E 148th, State

BOROUGH OF QUEENS.

LONG ISLAND CITY—Hawkins Iron Construction Co., 66 Fulton av
Phillips & Halbauer
MASPETH—(N. Y. City)—**(RICHEY,** Browne & Donald. (See insert opp. page 598)

(END OF NEW YORK CITY.)

POUGHKEEPSIE—Poughkeepsie Foundry & Machine Co.
ROCHESTER—Genessee Metal Works, 109 Hague
Goggin & Knowles, 50 Franklin
*Heughes, F. L., 190 South av
Kohlmetz, Chas. E. & H. L., 178 N Water
Union Foundry & Machine Co., University av c Barnum
SYRACUSE—Ames Iron Works, The Bastable
Dunning, W. D., 329 W Water
*Phoenix-Porter Foundry (Smith & Caffrey, Props.), 1421 N Salina
Shoeneck Co., 12 W Willow
Thelen Arch'l Iron Works Co., 1427 N Salina
TROY—*Mahony Mfg. Co., 5th av, cor Liberty
*West Side Structural Co. (Castings & Steel Structural & Ornamental Iron Works), Watervliet
UTICA—Jones, Willis H., 70 Hotel
Steinbrecher, Geo., 183 Columbia
WATERTOWN—Wilson, J. C., 29 Arsenal
YONKERS—Morris, Thos.

NORTH CAROLINA.

ASHEVILLE—Asheville Supply & Foundry Co.
CHARLOTTE—Mecklenberg Iron Works
GREENSBORO—Glascock, G. T. & Sons
Sergeant Mfg. Co.

OHIO.

AKRON—*Adamson, Alex
Akron Foundry Co.
Burger Iron Co.
*Taplin, Rice & Co.
ASHTABULA—Barber Mfg. Co.
BELLEFONTAINE—Bellefontaine Bridge & Iron Co.
CANTON—Canton Bridge Co.
Columbia Iron & Wire Works Co.
CELINA—*Hanika, C. & Sons Iron Co.
CINCINNATI—Brackett Bridge Co., 84 Atlas Bank bldg
CINCINNATI MFG. CO. (Ornamental), 1243 W 6th. (See adv. below)
Grimm, Ig. & Co., 153 E McMicken
Kamman, Walter, Front & Lawrence
Lang, Wm., 108 E 12th
Nimmo Fence Co., 324 E 4th
Potthoff & Fry Iron Co., Front & Lawrence
Schoeneberg, Fred, 1905 W 8th
Schumacher, Jno. H., 1446 Main
Stacey Mfg. Co., 239 Mill
*Stewart Co., 716 E 3d
Walton Iron Co., Spring Grove av & Monmouth
Ward, Wm. E. & Co., 1347 Central av
CLEVELAND—Bowler Foundry Co., 14 Winter
***BROOKS, T. H. & CO., 960 Lake.** (See adv. bottom of page)
Buckeye Ornamental Iron Works Co., 33 Academy
FOREST CITY STEEL & IRON Co. (See adv. index, end of book)
King Bridge Co., St. Clair, head of Dartmouth
*Macbeth Iron Co., 57 W Centre
*Madison Ave. Foundry Co. (All kinds of Builders' Castings), 155 E Madison av, Cleveland
National Iron & Wire Co., 971 Hamilton
Sheer, Geo. D. Iron Works, 1821 Pearl
Standard Wire & Iron Co., Leonard & Hume
TYLER, W. S. CO., 1150 St. Clair. (See insert opposite)
*Van Dorn Iron Works, 1208 Woodland av
*Variety Iron Works Co., Case av, c Hamilton

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HENDRICKS' COMMERCIAL REGISTER.

The Cincinnati Manufacturing Company,

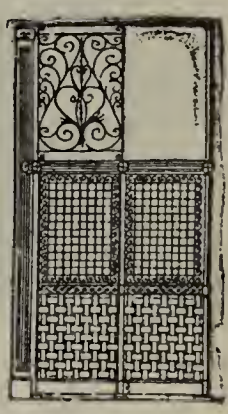
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*Hayden, P. Saddlery Hardware Co.
Krumm, M. & D.
McDonald Bros. (Cast Iron), 108 Liberty
Morris, C. E. & Co., 3d & Naghten
*Rarig, A. K. Engineering Co., 5th av nr Alum Creek
DAYTON—City Forge & Iron Works, 418 E 1st
Ohio Foundry Co.
FINDLAY—McArthur, Geo.
FREMONT—June, D. & Co.
*Lehr Agricultural Co.
KENTON—***CHAMPION IRON CO.** (See adv. index, end of book)
LIMA—East Iron & Machine Co.
MARIETTA—*Pattin Bros. Co. (Castings, etc.)
SANDUSKY—*Klotz Machine Co.
Ohio Structural Iron Co.
SPRINGFIELD—Hennesey Foundry Co.
Peet & Shuster Co., 28 S Fountain av
*Rogers Iron Co., 78 W North
TOLEDO—Donovan Wire & Iron Co.
*Toledo Foundry & Machine Co.
Toledo Wire & Iron Works
WILMINGTON—Champion Bridge Co.
YOUNGSTOWN—Youngstown Wire & Iron Co.
ZANESVILLE—Union Machine Works

OKLAHOMA TERRITORY.

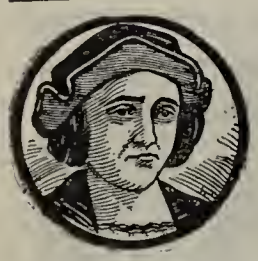
GUTHRIE—Oklahoma Iron Works Co.
OKLAHOMA—Oklahoma City Foundry & Iron Works

OREGON.

ALBANY—Albany Iron Works
EUGENE—Frazer, G. N.
PORTLAND—*Heintz, A. R. & Co. (Building Fronts), Burnside Bridge
*Honeyman, J. & Co., c Front & Columbia
Pacific Bridge Co., end Burnside Bridge
Phoenix Iron Works, E Water c E Madison
Portland Iron Works, 495 Northrup
Smith & Watson Iron Works, ft Hall
Willamette Boiler Works, 123 3d N

PENNSYLVANIA.

ALLEGHENY—Albree, Chester B., 1115 Market
Baker Mfg. Co., c Allegheny & South avs.
Hanny, Chas. G. & Co., 856 North av
RIESECK, P., Allegheny av & Rebecca. (See adv. opp. page)
*Rosedale Foundry & Machine Co., c Washington & Preble avs
Yant, N. D., 26 Beaver av
ALLENTOWN—*Allentown Foundry & Machine Works Co.
BLOOMSBURG—*Harman & Hassert
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CARNEGIE—American Structural Steel Co.
CATASAUQUA—*Davies & Thomas Co. (Builders' Castings Only)
DANVILLE—*Curry & Vannan
DU BOIS—*Du Bois Iron Works
EASTON—*Easton Foundry & Machine Co.
ERIE—*Ball Engine Foundry Co.
GREENSBURG—Greensburg Fdy. & Mach. Co.
Hempfield Foundry Co.
HOLLIDAYSBURG—McLanahan Stone Machine Co.
LANCASTER—Anne & Thomas, 317 Filbert
LEBANON—Wiemer Machine Works Co.
M'KEESPORT—Monongahela & Yough Foundry Co.
MAUCH CHUNK—Stroh, Wm. H. & Son
PHILADELPHIA—*Adams, Wm. & Co., 960 N 9th
American Structural Steel Co., Land Title bldg
*Baizley, Jno., Iron Works, 514 S Del av
Bancroft, Chas. P., 1109 Locust
*Belmont Iron Works, 22d & Wash'n av
*Biggin, C. P. Co., 1829 Harlan
Clopp, Geo. B., 3717 Filbert
*Coyle, H. B. Iron Works, 622 Filbert
*Creswell, Sam'l J., Iron Works, 23d & Cherry
Darby, E. & Sons, 233 Arch
*Frankford Iron Foundry Co., 9th & Montgomery av
*Hoag, R. C. & Co., 1136 Catherine
Horrocks Iron Works, 234 N Broad
Jones, J. C., 1215 Filbert
Keystone Structural Co., Harrison bldg
Levering & Garrigues, 3302 Ludlow
*McCarty, A. F. & Co., 1215 Filbert
MERRITT & CO., 1024 Ridge av. (See adv. index, end of book)
Peters, Jas. & Son, 1934 N Front
Pettit Ornamental Iron & Fence Co., Stephen Girard bldg
REMPPIS, WM. F. CO., 331 Witherspoon bldg. (See adv. below)
Richmond & Co., 1908 Market
Steel & Wike Co., Clearfield & N 20th
*Steward & Stevens Iron Works, 9th c Montgomery av
Sutton, W. A. & Co., 2313 N 8th
*Tacony Iron Co., Tacony
*Thompson, J. & Co., c Van Horn & Sophia
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Phoenix Steel Construction Co., Penn av
†Riter-Conley Mfg. Co., 55 Water & 3d
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TAYLOR & DEAN, 201 Market. (See adv. opp. page)
TYLER, W. S. CO., Bessemer bldg. (See adv. index, end of book)
Vilsack-Martin Co., 3230 Penn av
Watt Mfg. Co., 105 Water
***WINSLOW BROS. CO., 326 4th av.** (See adv. index, end of book)
Womersley Bros., 6307 Broad
READING—Kiefer, Wm. L., 4th c Cherry
Johnson Foundry Machine Co., 8th, cor Chestnut
*Reading Foundry Co., 518 Washington
Reading Scale & Machine Co. (Ltd.)
REMPPIS, WM. F. CO. (See adv. opp. page)
ROYERSFORD—Keystone Strucutral Co.
SCRANTON—Finch Mfg. Co.
Scranton Iron Fence & Mfg. Co.
SOUTH BETHLEHEM—*Bethlehem Foundry & Machine Co. (Cast & Wrought)
Blunk & Suess
WAYNESBORO—Smith, G. W.
WILKESBARRE—Eagle Iron Works
*Vulcan Iron Works
Wilkesbarre Iron Mfg. Co.
YORK—Smyser's, E. G. Sons

RHODE ISLAND.

NEWPORT—Newport Foundry & Mach. Co.
PAWTUCKET—White, J. S. Co.
PROVIDENCE—*Builders' Iron Foundry (Cast & Wrought), 22 Codding
Bishop, J. W. Co., Butler Ex
Carpenter, A. & Sons Foundry Co., 272 W. Exchge
Clason Architectural Metal Works, 428 Kinsley av.
Colvin Foundry Co., 191 Globe
Tower, Jas. H., 48 Borden

SOUTH CAROLINA.

CHARLESTON—*Charleston Iron Works, 25 Pritchard
Riley, J. F., 8 South
Riverside Iron Works, Concord st
*Valk & Murdock Iron Works
COLUMBIA—Shields, George A.
SPARTANBURG—Morgan Iron Works

SOUTH DAKOTA.

SIOUX FALLS—Pankow Bros.

TENNESSEE.

CHATTANOOGA—*Cahill Iron Works, 102 Boyce
Chattanooga Car & Foundry Co., 401 Boyce
*Chattanooga Roofing & Foundry Co., 720 E Montgy av
Eureka Supply Co.
*Southern Malleable Iron Works
JACKSON—Southern Engine & Boiler Works (Inc.)
KNOXVILLE—Fair Foundry Co.
Knoxville Foundry & Machine Co.
MEMPHIS—*Chicasaw Iron Works, 98 2d
Livermore, F. & M. Co., 160 Adams
Manogue-Pidgeon Iron Co., 226 2d
NASHVILLE—Jones, S. E. Sons, 108 S Cherry
Stewart & Bruckner

TEXAS.

AUSTIN—Clark, L. P.
*Tips, Walter, Foundry
DALLAS—Harry, O. K. Steel Works
*Mosher Mfg. Co., 313 S Lamar
EL PASO—Pass City Foundry & Machine Co.
FT. WORTH—Enterprise Iron Works
*Fort Worth Machine & Foundry Co.
*Van Zandt-Moore Iron Works
GALVESTON—Astall Iron Works
Clarke, Jno. Iron Works
Walsh & Cleary, 213 25th
HOUSTON—Berger, A. A.
*Dickson Car Wheel Co.
Riesner, B. A.
SHERMAN—Sherman Iron Works
WACO—Banning, F. D.

UTAH.

OGDEN—Kiefer, L.
SALT LAKE CITY—Silver Bros., Iron Wks. Co.
Utah Foundry & Machine Co., 137 W South Temple

VIRGINIA.

ALEXANDRIA—Alexandria Iron Works
DANVILLE—*Westbrooks, J. B. Foundry & Machine Co.
NORFOLK—Etna Iron Works, 285 Water
PETERSBURG—Petersburg Iron Works Co.
PORTSMOUTH—*Ornamental Iron & Wire Co., Inc. (Cast, Wrought & Ornamental)
RICHMOND—*Cameron - Tennant Machine Works
Carr, Jas. W., 2003 E Main
Old Dominion Iron & Nail Works Co.
Richmond Iron Works, Broad c 15th
Tredegar Iron Works, S end 5th
ROANOKE—*Virginia Bridge & Iron Co.

WASHINGTON.

SEATTLE—Seattle Iron Works, 2000 Western av
Variety Iron & Wire Works, 1241 Utah
Wheeler & Ingalls, 300 Northlake av
SPOKANE—*National Iron Works, Inc.
Simmons & Sons
*Union Iron Works (Inc.).
TACOMA—*Puget Sound Iron & Steel Works

WEST VIRGINIA.

MORGANTOWN—*Morgantown Fdry. & Mach. Co.
WHEELING—Architectural Iron & Wire Works, 18th & Chapline
*Wheeling Mold & Foundry Co.

WISCONSIN.

APPLETON—*Valley Iron Works Co. (Castings & Columns, etc.)
EAU CLAIRE—*Phoenix Mfg. Co.
LA CROSSE—Smith Mfg. Co.
Torrance, John & Son
MADISON—*King & Walker Co.
Kupfer, Theodore
MILWAUKEE—American Bridge Co., 17th & St. Paul av
*Bayley, Wm. & Sons Co., 732 Greenbush
Colnik C. Mfg. Co., 221 8th
Globe Wire & Iron Works, Attkinson av
Greenslade Foundry Co., Jackson & Corcoran
Hackendahl & Schmidt, 704 Chestnut av
Skobis Bros., 955 30th
Stehling, C. H. & Sons, 508 Commerce
Wagner, A. F., 514 Market
Wisconsin Bridge & Iron Co., Pabst bldg
Wisconsin Iron & Wire Works, 186 E Water
WORDEN-ALLEN CO., P. O. Box 528. (See adv. index, end of book)
RACINE—Dickey, A. P. Mfg. Co.
RHINELANDER—Rhinelander Iron Works
SUPERIOR—Strothman Iron Co.

Iron Bridge Builders

(See Bridge Builders, Steel)

Irons (Charcoal Sheet)

AMERICAN SHEET & TIN PLATE Co. (Hammered Bloom Galvanized), Frick bldg, Pittsburg, Pa.; Battery Park bldg, New York; Rookery bldg, Chicago, Ill.; Union Trust bldg, Cincinnati, O.; Chemical bldg, St. Louis, Md.; Portland, Ore.; Hennen bldg, New Orleans, La.; Equitable bldg, Denver, Colo, Detroit, Mich., & San Francisco, Cal. (See adv. index, end of book)

Iron Muck Bar

Clearfield Steel & Iron Co., Clearfield, Pa., & Pittsburg, Pa.
Diamond State Steel Co., Wilmington, Del.
Ellis & Lessig Steel & Iron Co., Pottstown, Pa.
Glasgow Iron Co., Pottstown, Pa., & Harrison bldg, Phila., Pa.
Howe & Samuel, Drexel bldg, Phila., Pa., & Danville, Pa.
Janson Steel & Iron Co., Oxford, N. J.
Potts Bros. Iron Co., Pottstown, Pa.
Stewart Iron Co. (Ltd.), Cleveland, O., & Sharon, Pa.
Timmes & Hecht, Scranton, Pa.
Van Alen & Co., Northumberland, Pa.
Wheeling Steel & Iron Co., Wheeling, W. Va.
Wilkes Rolling Mills Co., Sharon, Pa.
Youngstown Iron Sheet & Tube Co., Youngstown, O.

Iron (Norway)

(See Iron & Steel Swedish.)

Iron (Planished)

(See Locomotive Jacket Iron.)

Iron Paints

(See Paints for Coating & Preserving Iron & Steel.)

Iron Pier Builders

(See Iron & Steel Structural Work.)

Iron (Pig)

Addy, Matthew & Co., Carlisle bldg, Cincinnati, O.; Farmers' Bank bldg, Pittsburg, Pa.; 15 Cortlandt, N. Y.; The Rookery, Chicago; 421 Olive, St. Louis, & Real Estate Trust bldg, Phila., Pa.
Alabama Consolidated Coal & Iron Co. ("Clifton" & "Etowah" Foundry), Birmingham, Ala.
Allegheny Co. (Wholesale), Washington, D. C.
Allentown Rolling Mills, Allentown, Pa.
Andover Iron Co., Phillipsburg, Pa.
Andrews & Hitchcock Iron Co. (Hubbard Scotch Foundry & Bessemer), Youngstown, Pa.
Ashland Iron & Steel Co., Ashland, Wis.
Ashland Steel Co. (Bessemer), Ashland, Ky.
Atlantic Iron & Steel Co. (Bessemer), New Castle, Pa.
Baird, C. R. & Co. (Dealers), Bullitt bldg, Phila., Pa.
Barnum-Richardson Co. (Salisbury Charcoal), Lime Rock, Conn.
Bellefonte Furnace Co., Bellefonte, Pa.
Bethlehem Steel Co., South Bethlehem, Pa.
Blair, Reed F. & Co. (also Coke Dealers), Frick bldg, Pittsburg, Pa.
Bole, Ross & Co., Lewis blk, Pittsburg, Pa.
Bourne-Fuller Co. (Bessemer & Foundry), Hickok bldg, Cleveland, O.
Brier Hill Iron & Coal Co. (Bessemer, etc.), Youngstown, O.
Brooke, E. & G. Iron Co., Birdsboro, Pa.
Brown, Harvey H. & Co., Perry-Payne bldg, Cleveland, O.
Buffalo & Susquehanna Iron Co., Buffalo, N. Y.
Burton, G. F. (Dealer), Bushnell bldg, Springfield, O.
Cabeen & Co. (Dealers), Real Estate Trust bldg, Phila., Pa.
Carbon Iron & Steel Co., Mauch Chunk, Pa.
Carnegie Steel Co., Pittsburg, Pa.; Penna. bldg, Phila., Pa.; 204 Dearborn, Chicago, & 71 B'way, New York
Carrie Furnace Co., German Nat'l Bank bldg, Pittsburg, Pa.
Cherry Valley Iron Co., 307 4th av, Pittsburg, Pa., & West Middlesex, Pa.
Citico Furnace Co., Chattanooga, Tenn.
Claire Furnace Co., Sharpsville, Pa.
Claire Iron Co., Portsmouth, O.
Cleveland-Cliffs Iron Co. (& Iron Ore), Mercantile Bank, Cleveland, O.
Clinton Iron & Steel Co. (Foundry, Bessemer Gray & Forge), Pittsburg, Pa.
Coffin, Chas. E. (Charcoal), Muirkirk, Md.
Colorado Fuel & Iron Co., Denver, Col.
Columbus Iron & Steel Co. (Foundry, Bessemer & Malleable), Columbus, O.
Corrigan, McKinney & Co. (Brokers & Dealers), Perry-Payne bldg, Cleveland, O., & Scottdale, Pa.

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Crerar-Clinch & Co., Rookery bldg, Chicago
Crocker Bros., 99 John, N. Y., & Penna. bldg, Phila., Pa.
Dayton Coal & Iron Co. (Ltd.), 3d & Walnut Cincinnati, O., & Dayton, Tenn.
De Camp Bros. & Yule Iron, Coal & Coke Co., Misouri Trust bldg, St. Louis
Detroit Iron Furnace Co., Union Trust bldg, Detroit, Mich.
Dimmick, J. K. & Co. (Charcoal, etc.), Land Title bldg, Phila., Pa., & Murtland bldg, Pittsburg, Pa.
Domhoff & Joyce Co., Rawson bldg, Cincinnati, O.
Donk Bros. Coal & Coke Co., 314 N 4th, St. Louis, Mo.
Drake, Bartow & Co., Perry-Payne bldg, Cleveland, O.
Duquesne Furnaces & Steel Works, Carnegie bldg, Pittsburg, Pa.
Elk Rapids Iron Co., Elk Rapids, Mich.
Empire Steel & Iron Co. (Bessemer & Foundry) Catasauqua, Pa. Furnaces, Reading & Topton, Pa.; Greensboro, N. C.; Goshen Bridge, Va., & Oxford, N. J.
Emporium Iron Co. (Foundry Pig Iron), Emporium, Pa.
Field-Evans Iron Co. (Dealers), Monadnock blk, Chicago, Ill.
Fieser & Bentley, Columbus, O.
Georgia Iron & Coal Co. ("Rising Fawn" Foundry & Forge), Atlanta, Ga., & Chattanooga, Tenn. Furnaces, Rasing Fawn, Ga.
Gaylord Iron Co., ft of Iron. Detroit, Mich.
Girard Iron Co. (Bessemer, Foundry & Grey Forge), Girard, O.
Goff, Horner & Co. (Bessemer), Frick bldg, Pittsburg, Pa.
Goodrich, F. A. & Co. (Dealers), Majestic bldg, Detroit, Mich.
Hanna, M. A. & Co. (Bessemer, Foundry & Charcoal), Perry-Payne bldg, Cleveland, O.
Hesser, Jno. T. & Co., Rialto bldg, St. Louis
Hickman, Williams & Co., Louisville, Ky., & The Rookery, Chicago
Hillman, J. H. & Son (Basic & Bessemer), Frick bldg, Pittsburg, Pa.
Hofius, W. D. & Co., Seattle. Wash.
Hoffman, R. C. & Co. (Dealers), Continental Trust bldg, Baltimore; Md.
Hooker, Howard M. & Co. (Inc.) (Dealers), Farmers' B'k bldg, Pittsburg, Pa., & Penna. bldg, Phila., Pa.
Houston, C. B. & Co. (Dealers), Girard bldg, Phila., Pa.
Humphreys, Stewart & Co. (Lewis blk, Pittsburg, Pa.
Illinois Steel Co., The Rockery, Chicago, & 71 B'way, N. Y.
Iroquois Iron Co., Chicago, Ill.
Jones & Laughlins Steel Co., Pittsburg, Pa.
Johnson, Geo. T. & Co. (Dealers), Penna. bldg, Phila., Pa.
Kelley, Jerome & Co. (Foundry & Forge), 421 Chestnut, Phila., Pa.
LaBelle Iron Works, Steubenville, O.
Law, Ernest & Co. (Dealers), 1502 Market, Phila., Pa.
Lea, J. Tatnall & Co. (Dealers, Bessemer Mill & Foundry), Stephen Girard bldg, Phila., Pa.
Lee, Jas. (Scotch Importers), 76 William, N. Y.
Lehigh Steel & Iron Co., Allentown, Pa.
Logan Iron & Steel Co. (Charcoal), Harrison bldg, Phila., Pa., & Burnham, Pa.
Low, Moor Iron Co. of Va., Richmond, Va.
Lucy Furnace, 51st & Av Ry., Carnegie bldg, Pittsburg, Pa.
McKeefrey & Co., Leetonia, Ohio
Mack, Thos. A. & Co. (Dealers), Farmers' B'k bldg, Pittsburg, Pa.
Midvale Mining & Mfg. Co., 705 Olive, St. Louis, Mo.
Moffat, F. D. & Co. (Brokers & Dealers), 81 Fulton, N. Y.
Mohr, J. J. (Foundry, Forge, Charcoal & Bessemer), Bullitt bldg, Phila., Pa.
Nicoll, B. & Co. (Bastic, Bessemer, Forge & Foundry), 59 Wall, N. Y.
Ohio Iron & Steel Co. (Foundry & Bessemer), Lowellville, O.
Peninsular Iron Co., ft of Bellevue av, Detroit, Mich.
Perkins & Co., Sharpsville, Pa.
Penn Iron & Coal Co., Canal Dover, O.
Pickands, Brown & Co., Rookery bldg, Chicago, Ill.
Pickands, Mather & Co., Cleveland, O., & Middlesex, Pa.
Pilling & Crane (Wholesale Jobbers), Girard bldg, Phila., Pa.; Farmers' B'k bldg, Pittsburg, Pa., & 71 B'way, N. Y.
Pioneer Mining & Mfg. Co., Birmingham, Ala.
Pulaski Iron Co. (Foundry), Real Estate Trust bldg, Phila., Pa. Furnaces, Pulaski, Va.
Punxsutawney Iron Co., Punxsutawney, Pa., & Erie Co. Bank bldg, Buffalo, N. Y.
Reading Iron Co., Reading, Pa.
Red River Furnace Co. (High Silicon & Soft), Clarksville, Tenn.
Republic Iron & Steel Co. (Bessemer, Foundry & Mill), General offices: 1st Nat'l Bank bldg, Chicago. District Sales offices: Ellicott Square, Buffalo; Citizens' Bank bldg, Cleveland, Ohio; Birmingham, Ala.; 64 B'way, N. Y.; Mermod Jaccard bldg, St. Louis; Frick bldg, Pittsburg, Pa.; Endicott Arcade, St. Paul, & Cincinnati, O.
Roane Iron Co., Chattanooga, Tenn.
Rockdale Iron Co., Rockdale, Tenn.
Rogers, Brown & Co. (Mfrs. Agents, Bessemer also Coke), Cincinnati, O.; Monadnock blk, Chicago; 71 B'way, N. Y.; Farmers' B'k bldg, Pittsburg, Pa.; 53 State, Boston; Erie County Bank bldg, Buffalo; Perry-Payne bldg, Cleveland,; 219 S 4th, St. Louis, & Birmingham, Ala.
Rome Furnace Co., Chattanooga, Tenn., & 131 S 4th, Phila., Pa.
St. Louis Blast Furnace Co., Union Trust bldg, St. Louis, Mo
Salem Iron Co., Leetonia, O.
Samuel, Frank (Firm of) (Importers, Exporters, etc.), 1502 Market, Phila., Pa
Sharpsville Furnace Co., Sharpsville, Pa.
Shenango Furnace Co. (Machine Cast & Sand Cast), Frick bldg, Pittsburg, Pa. Furnaces, Sharpsville, Pa.
Shepard, Chas. G. (Domestic & Foreign), 401 Ellicott Sq., Buffalo, N. Y.
Shimer, Sam'l M. Co. (Also Iron Ore Dealers & Brokers), Perry-Payne bldg, Cleveland, O.
Shook & Fletcher (Jobbers), Birmingham, Ala.
Sloss, Sheffield Steel & Iron Co. (Foundry), Birmingham, Ala.
Snyder, W. P. & Co. (Dealers, Bessemer), Frick bldg, Pittsburg, Pa.
South Chicago Furnace Co. (Malleable Bessemer), The Rookery, Chicago. Furnaces, Irondale, Chicago, Ill.
Standard Iron Co., Goodrich, Tenn.
Stevenson, C. A. Pig Iron & Coke Co., 421 Olive, St. Louis, Mo.; Fisher bldg, Chicago, & Columbus, O.
Stewart Iron Co. (Ltd.), Perry-Payne bldg, Cleveland, O., & Sharon, Pa.
Stroud, E. H. & Co., 36 La Salle, Chicago
Struthers Furnace Co., Perry-Payne bldg, Cleveland. O., & Struthers, O.
Superior Charcoal Iron Co. (Charcoal), Grand Rapids, Mich.
Susquehanna Iron & Steel Co., Girard bldg, Phila., Pa. Mills, York & Wrightsville, Pa.
Tennessee Coal, Iron & Railroad Co. (Bastic, Forge & Foundry), Birmingham, Ala.
Thomas Furnace Co. (Foundry), Milwaukee, Wis.
Thomas Iron Co., Easton Pa., & Hokendauqua, Pa.
Thomas, Wm. R. (Dealer), 95 Liberty, N. Y.
Tidewater Steel Co. (Basic, Foundry & Forge), Chester, Pa.
Tod-Stambaugh & Co., Perry-Payne bldg, Cleveland, O.
Toledo Furnace Co. ("Toledo," Scotch, Foundry & Malleable), Toledo, O.
Tonawanda Iron & Steel Co., North Tonawanda, N. Y., & Erie Co. Bank bldg, Buffalo, N. Y.
Virginia Iron, Coal & Coke Co. (Foundry, Forge, Malleable, Charcoal, etc.), Bristol, Tenn., & Radford, Va.
Warwick Iron & Steel Co. (Foundry & Mill), Girard Trust bldg, Phila., Pa., & Pottstown, Pa.
Wharton, Jos., Port Orange, N. J.
Wheeler, Mifflin & Co. (Also Muck Bars), The Arcade, Phila., Pa.
Wheeling Steel & Iron Co., Wheeling, W. Va.
Wilson, E. H. & Co., Arcade bldg, Phila., Pa.
Wister, L. & R. & Co. (Basic Forge & Foundry), Bullit bldg, Phila., Pa.
Youngstown Iron Sheet & Tube Co., Youngstown, O.
Youngstown Steel Co. (Bessemer, Basic & Forge), Youngstown, O.

Iron Railings & Fences

(For other Iron Railing Mfrs. See Iron Architectural & Ornamental; also Bank & Office Railings; also Wire Fences)

Adams, W. J., Joliet, Ill.
Aetna Iron Works, 21st & Papin, St. Louis, Mo.
AJAX IRON & WIRE CO., 75 York, Brooklyn, N. Y.
AMOS, CHARLES & CO., 94 W Larned, Detroit, Mich. (See adv. index, end of book)
Anchor Post Iron Works, 15 Cortlandt, New York
Atlanta Wire & Iron Works Co., 64 N Broad, Atlanta, Ga.
Baker Mfg. Co., Allegheny & South avs, Allegheny, Pa.
Balderston, H. & Son, 119 Light, Baltimore, Md.
Barbee Wire & Iron Works, 44 Dearborn, Chicago, & Lafayette, Ind.
Barnum, E. T. Wire & Iron Works, Detroit, Mich.
Belmont Iron Works, 22d & Wash'n av, Phila., Pa.
Bethlehem Foundry & Machine Co., South Bethlehem, Pa.
Booth, John, 14 N Canal, Chicago, Ill.
BRADLEY & HUBBARD MFG. CO., Meriden, Conn. (See adv. index, end of book)
Brown-Ketcham Iron Works, 2549 W Michigan, Indianapolis, Ind.; 166 Devonshire, Boston, Mass.; 1133 B'way, New York; Odd Fellows bldg, St. Louis, Mo.; Monadnock blk, Chicago, Ill.; 29 New Montg'y, San Francisco, Cal.; Atlanta, Ga., & Washington, D. C.
Carpenter, F. E. Co., 9 Warren, New York
CHAMPION IRON CO., Kenton, O. (See adv. index, end of book)
Champion Iron & Wire Works, 617 S 16th, Omaha, Neb.
Chesapeake Iron Works, 336 North, Baltimore, Md.
CHICAGO ORNAMENTAL IRON CO., 37th & Stewart av, Chicago. (See adv. index, end of book)
CHILD, W. C. W., 1123 B'way, New York, & 355 Kingsland av, Brooklyn, N. Y. (See adv. index, end of book)
Christopher & Simpson Arch'l Iron & Foundry Co., 811 Park av, St. Louis, Mo.
Cook, Francis, 407 W 36th, New York
Cornell, J. B. & J. M. Co., 11th av & 26th, New York
Creswell, S. J. Iron Works, 23d & Cherry, Phila.,
Darby, E. & Sons, 223 Arch, Phila., Pa.
DAUCHY IRON WORKS, 88 Illinois, Chicago. (See adv. index, end of book)
Davenport Foundry & Machine Co., 1693 W 4th, Davenport, Ia.
Dimond, Thomas, 128 W 33d. New York
Dow Wire Works Co., 730 W Market, Louisville, Ky.
Dufur & Co., 311 N Howard, Baltimore, Md.
Eagle Iron Works (Inc.), 850 De Kalb av, B'klyn,
East Iron & Machine Co., Lima, O. N. Y.
Ernst, Chas. F., 311 Walnut, Buffalo, N. Y.
Fletcher & Crowell Co., Portland, Me.
FLOUR CITY ORNAMENTAL IRON Works, 27th av & 27th, S Minneapolis. Minn. (See adv. index, end of book)
Fruhling, Wm. A., 218 S Los Angeles, Los Angeles, Cal.
Globe Iron & Foundry Co., 901 Victor, St. Louis, Mo.
Grote Mfg. Co., Evansville, Ind.
HALSTED, JOS., 388 W Randolph, Chicago, Ill.
Hanika, C. & Sons Iron Co., Celina, O.
Hassell Iron Works Co., Colorado Springs, Col.
HECLA IRON WORKS, 118 N 11th, Brooklyn, N. Y. (See adv. index, end of book)
HICKEY, M. H. WIRE & IRON WORKS, 54 Dearborn, Chicago, Ill.
Howard & Morse, 45 Fulton, New York
JACKSON, WM. H. CO., 29 E 17th (Union Square), N. Y. (See adv. index, end of book)
Jones, Willis H., 70 Hotel, Utica, N. Y.
Koehn, Alfred, 157 W 29th, New York
Kratzer, W. N. & Co., 3218 Smallman, Pittsburg, Pa.
LANDON & EGGERS IRON & WIRE Works, 1243 Fillmore, Chicago, Ill. (See adv. index, end of book)
Lasar-Letzig Mfg. Co., 16th & O'Fallon, St. Louis, Mo.
Lauer & Harper Co. (Inc.), Westport, Baltimore, Md.
Lobel, Andrews Co., 531 W 55th, New York
Lucas, A. & Sons, c Cedar & Washington, Peoria, Ill.
McKinney, Jas. & Son, 927 B'way, Albany,
Manly Machine Co., Dalton, Ga. N. Y.
Mast, Foos & Co., Springfield, O.
MERRITT & CO., 1024 Ridge av, Phila., Pa. (See adv. index, end of book)

Mesker, Geo. L. & Co., Evansville, Ind.
Midland Metal Co., Inc., 1427 Catherine, Phila., Pa.
Nimmo Fence Co., 324 E 4th, Cincinnati, O.
Northwestern Foundry, 312 10th av, s, Minneapolis, Minn.
Ornamental Iron & Wire Co. (Inc.), Portsmouth, Va.
Palmer, C. F., Utica, N. Y.
Pettit Ornamental Iron & Fence Co., 46 N 11th, Phila., Pa.
Phoenix Steel Construction Co., Penn av & 3d, Pittsburg, Pa.
PITT, WM. R., COMPOSITE IRON WORKS, 111 5th av, N. Y. (See adv. index, end of book)
Ralston Iron Works, 222 Howard, San Francisco, Cal.
REMPPIS, W. F. CO., Reading, Pa., Witherspoon bldg, Phila., Pa. (See adv. index, end of book)
RICHEY, BROWNE & DONALD (& Bronze), Maspeth, Borough of Queens, N. Y. (See adv. index, end of book)
RIESECK, P., Allegheny av & Rebecca, Allegheny, Pa. (See adv. index, end of book)
Rogers Iron Co., Springfield, O.
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
St. Louis Wire & Iron Co., 518 Chouteau av, St. Louis, Mo.
Schreiber, L. & Sons Co., 8th & Eggleston av, Cincinnati, O.
SMITH, F. P., WIRE & IRON WORKS, 100 Lake, Chicago, Ill. (See adv. index, end of book)
Snead Arch'l Iron Works, Louisville, Ky.
SNEAD & CO., IRON WORKS, ft of Pine st, Jersey City, N. J. (See adv. index, end of book)
Stewart Iron Works Co., 716 E 3d, Cincinnati, O.
TAYLOR & DEAN, 205 Market, Pittsburg, Pa. (See adv. index, end of book)
Tennessee Coal, Iron & R. R. Co. (Blastic, Forge & Foundry), Birmingham, Ala.
Thompson, Hervey, 176 E 119th, N. Y.
TYLER, W. S. CO., Cleveland, O.; 11 B'way, New York, & Bessemer bldg, Pittsburg, Pa. (See adv. index, end of book)
Union Iron & Foundry Co., 1458 S 2d, St. Louis, Mo.
Uris, Haris H., 525 W 24th, New York
Voss, Frederick, 617 to 621 Austin av, Chicago, Ill.
VULCAN CO., Detroit, Mich. (See adv. index, end of book)
Wayne Iron Works (Inc.), Arcade bldg. Phila., Pa.
Westervelt, A. B. & W. T., 102 Chambers, N. Y.
West Side Structural Co., Watervliet, Troy, N. Y.
WINSLOW BROS. CO., Main Office & Works, 308 Carroll av, Chicago, Ill.; 160 5th av, N. Y.; 326 4th av, Pittsburg, Pa.; Colonial Trust bldg, St. Louis, Mo.; Hennen bldg, New Orleans, La.; 121 New Montgomery, San Francisco, Cal., & Adrus bldg, Minneapolis, Minn. (See adv. index, end of book)
Wisconsin Iron & Wire Works, 186 E Water, Milwaukee, Wis.

Iron (Rustless Oxidized)

HECLA IRON WORKS, 118 N 11th, Brooklyn, N. Y. (See adv. index, end of book)
Schreiber, L. & Sons Co., 8th & Eggleston av, Cincinnati, O.
TYLER, W. S. CO., Cleveland, O.; 11 B'way, N. Y., & Bessemer bldg, Pittsburg, Pa. (See adv. index, end of book) end of book)

Iron Shutters

(See Shutters, Steel; also Shutters, Steel Rolling.)

Iron Stair Builders.

Aetna Iron Works, 21st & Papin, St. Louis, Mo.
AJAX IRON & WIRE CO., 75 York, Brooklyn, N. Y.
Albree, Chester B., Iron Works, 1115 Market, Allegheny, Pa.
AMOS, CHARLES & CO., 94 W Larned, Detroit, Mich. (See adv. index, end of book)
Anne & Thomas (Straight & Spiral), Lancaster, Pa.
Bancroft, Chas. B., 1109 Locust, Phila., Pa.
Barbee Wire & Iron Works, 44 Dearborn, Chicago, & Lafayette, Ind.
Barnum, E. T. Wire & Iron Works, Detroit, Mich.
Belmont Iron Works, 22d & Washington av, Phila., Pa.
Bethlehem Foundry & Machine Co., S. Bethlehem, Pa.
BRADLEY & HUBBARD MFG. CO., Meriden, Conn. (See adv. index, end of book)
BROWN BROS. MFG. CO., 22d & Campbell av, Chicago, Ill. (See adv. index, end of book)
Brown-Ketcham Iron Works, Indianapolis, Ind.; 166 Devonshire, Boston, Mass., & 1133 B'way, N. Y.; Odd Fellows bldg, St. Louis, Mo.; Moadnock blk, Chicago, Ill.; 29 N Montg'y, San Francisco, Cal., Atlanta, Ga., & Washington, D. C.
Caldwell & Drake Iron Works, Columbus, Ind.
CHAMPION IRON CO., Kenton, O. (See adv. index, end of book)
CHESAPEAKE IRON WORKS, Severn & Bayard, Baltimore, Md. (See adv. index, end of book)
CHICAGO ONAMENTAL IRON CO., 37th & Stewart av, Cahicago. (See adv. index, end of book)
Chickasaw Iron Works, Memphis, Tenn.
CHILD, W. C. W., 1123 B'way, New York, & 355 Kingsland av, Brooklyn, N. Y. (See adv. index, end of book)
Christopher & Simpson Arch'l Iron & Foundry Co., 811 Park av, St. Louis, Mo.
Cook, Francis, 407 W 36th, New York
Cooper-Wigand-Cooke Co., 152 W 34th, N. Y.
Cornell, J. B. & J. M. Co., 26th & 11th av, New York
Creswell, S. J. Iron Works, 23d & Cherry, Philadelphia, Pa.
Crown Iron Works Co., 113 2d av, s e, Minneapolis, Minn.
DAUCHY IRON WORKS, 88 Illinois. Chicago, Ill. (See adv. index, end of book)
Davenport Foundry & Machine Co., 1693 W 4th, Davenport, Ia.
Denver Iron & Wire Works Co., 1403 Market, Denver, Col.
Eagle Iron Works, 850 De Kalb av, B'klyn, N. Y.
Ernst, Chas. F., 311 Walnut, Buffalo, N. Y.
Fletcher & Crowell Co., Portland, Me.
FLOUR CITY ORNAMENTAL IRON Works, 27th av & 27th, S Minneapolis, Minn. (See adv. index, end of book)
FOREST CITY STEEL & IRON CO., Cleveland, O. (See adv. index, end of book)
Feine, August, 152 Terrace, Buffalo, N. Y.
Fruhling, Wm. A., 218 S Los Angeles, Los Angeles, Cal.
Globe Iron & Foundry Co., 901 Victor, St. Louis, Mo.
HALSTED, JOSEPH, 388 W Randolph, Chicago, Ill.
Hanika, C. & Sons Iron Co., Celina, O.
HECLA IRON WORKS, 118 N 11th, Brooklyn, N. Y. (See adv. index, end of book)
HICKEY, M. H. WIRE & IRON Works, 54 Dearborn, Chicago, Ill.
Holmes, Pyott & Co., Jefferson, n Lake, Chicago, Ill.
JACKSON, WM. H. CO., 29 E 17th (Union Square), N. Y. (See adv. index, end of book)
Kellogg Iron Works, Buffalo, N. Y.
LANDON & EGGERS IRON & WIRE Works, 1243 Fillmore, Chicago, Ill. (See adv. index, end of book)
Kratzer, W. N. & Co., 3218 Smallman, Pittsburg, Pa.
Levering & Garrigues, 3302 Ludlow, Phila., Pa., & 552 W 23d, N. Y.
Lewis, Henry B., 45 Jos. Campau av, Detroit, Mich.
Lucas, A. & Sons, cor. Cedar & Washington, Peoria, Ill.
McKinney, Jas. & Son, 927 B'way, Albany, N. Y.
MERRITT & CO., 1024 Ridge av, Phila., Pa. (See adv. index, end of book)
Mesker Bros., 421 S 6th, St. Louis, Mo.
Mesker, Geo. L. & Co., Evansville, Ind.
Midland Metal Co., Inc., 1427 Catherine, Phila., Pa.
New England Iron Structural Works, East Everett, Mass.
Northwestern Foundry, 312 10th av, S Minneapolis, Minn.
Ornamental Iron & Wire Co., Portsmouth, Va.
Paxton & Vierling Iron Works, Omaha, Neb.
Phoenix-Porter Foundry (Smith & Caffrey, Props.), 1421 N Salina, Syracuse, N. Y.
Phoenix Steel Construction Co., 3d & Penn av, Pittsburg, Pa.
PITT, WM. R., COMPOSITE IRON Works (Straight & Spiral), 111 5th av, New York. (See adv. index, end of book)
Prince Iron Works, 555 W 33d, New York
REMPPIS, W. F. & CO., Reading, Pa., & 331 Witherspoon bldg, Phila., Pa. (See adv. index, end of book)
RICHEY, BROWNE & DONALD, Maspeth, Borough of Queens, N. Y. (See adv. index, end of book)
RIESECK, P., Allegheny av & Rebecca, Allegheny, Pa. (See adv. index, end of book)
Roberts-Goss Co., 7th cor Cypress, St. Paul, Minn.
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
ST. PAUL FOUNDRY CO., Como av, & Topping, St. Paul, Minn. (See adv. index, end of book)
Schreiber, L. Sons & Co., 8th & Eggleston av, Cincinnati, O.
SMITH, F. P., WIRE & IRON WORKS, 100 Lake, Chicago, Ill. (See adv. index, end of book)
Smyser's, E. G. Sons, 4 Light, Baltimore, Md.
Snead Architectural Iron Works, 710 14th, Louisville, Ky.
SNEAD & CO. IRON WORKS, foot of Pine st., Jersey City, N. J. (See adv. index, end of book)
Standard Arch'l Iron Works, 181 Newberry, Chicago, Ill.
STANDARD CO., W 15th & Laflin, Chicago, Ill. (See adv. index, end of book)
Steward & Stevens Iron Works, 9th c Montg'y av, Phila., Pa.
Stewart Co., 716 E 3d, Cincinnati, O.
Syracuse Architectural Iron Works, Syracuse, N. Y.
TAYLOR & DEAN, 205 Market, Pittsburg, Pa. (See adv. index, end of book)
Thompson, Hervey, 176 E 119th, N. Y.
TYLER, W. S. CO., Cleveland, O.; 11 B'way, N. Y., & Bessemer bldg, Pittsburg, Pa. (See adv. index, end of book)
Union Iron & Foundry Co., 1458 S 2d, St. Louis, Mo.
Van Dorn Iron Works Co., 1793 E Madison av, Cleveland, O.
Vierling, McDowell & Co., 23d & Stewart, Chicago, Ill.
Vilsack-Martin Co., Pittsburg, Pa.
VULCAN CO., Detroit, Mich. (See adv. index, end of book)
Wayne Iron Works (Inc.), Arcade bldg., Phila., Pa.
West Side Structural Co., Watervliet, Troy, N. Y.
Whale Creek Iron Works, 372 Greenpoint av, Brooklyn, N. Y.
WINSLOW BROS. COMPANY, Main Office & Works, 368 Carroll av, Chicago, Ill.; 160 5th, N. Y.; 326 4th av, Pittsburg, Hennen bldg, New Orleans, La.; 121 New Montgomery, San Francisco, Cal., & Andrus bldg, Minneapolis, Minn. (See adv. index, end of book)

Iron (Staybolt)

American Iron & Steel Mfg. Co., Lebanon, Pa.
Bassett-Presley Co. (Crown), Cleveland, O.
Carnegie Steel Co., Carnegie bldg, Pittsburg, Pa.; 1502 Market, Phila., Pa.; The Rookery, Chicago, Ill, & 71 B'way, New York
Ewald Iron Co. (Term C. C. Bloom), 939 N 2d, St. Louis, Mo., & Louisville, Ky.
Falls Hollow Staybolt Co. (Hollow & Solid Boiler), Cuyahoga Falls, Ohio
Fuller Bros. & Co. (Ulster Special), 139 Greenwich, N. Y.
Hughes & Patterson, 800 Richmond, Phila., Pa.
Jones, B. M. & Co. ("The Taylor," Best Yorkshire), 159 Devonshire, Boston, Mass.
Lockhart Iron & Steel Co. (and Boiler Brace), McKee's Rocks, Pa.
Logan Iron & Steel Co., Burnham, Pa., & Harrison bldg, Phila., Pa.

Monongahela Iron & Steel Co. (The "Carter"), Pittsburg, Pa., & Hope Church, Pa.
New Haven Iron & Steel Co., New Haven, Conn.
Ohio Falls Iron Co., New Albany, Ind.
Old Dominion Iron & Nail Works Co., Richmond, Va.
Pittsburg Forge & Iron Co., Pittsburg, Pa.
Reading Iron Co., Reading, Pa.
Republic Iron & Steel Co., General Offices, 1st Nat'l Bank bldg, Chicago. District Sales Offices, Ellicott Square, Buffalo; Citizens' Bank bldg, Cleveland; Birmingham, Ala.; 64 B'way, New York; Mermod & Jacquard bldg, St. Louis; Frick bldg, Pittsburg, Pa.; Endicott Arcade, St. Paul, & Cincinnati, Ohio
Ryerson, Jos. T. & Son (Ulster Special), Chicago
Rome Merchant Iron Mill, Rome, N. Y.
Sligo Iron & Steel Co., Pittsburg, Pa.
Ulster Iron Works, Dover, N. J.
Union Rolling Mill Co. (Newburgh), Cleveland, O., & Unionville, Conn.
Zug & Co. (Ltd.), Pittsburg, Pa.

Iron, Steel & Heavy Hardware (Dealers)

ALABAMA.

BIRMINGHAM—Birmingham Iron & Supply Co.
Moore & Handley Hdw. Co.
Prowell Hdw. Co.
Shook & Fletcher (Bar Iron, Rails, Iron & Steel Castings, etc.)
GADSDEN—Paden Ewing Hdw. Co.
GREENVILLE—**JOHNSON, J. F. HDW. CO.**
HUNTSVILLE—McAnelly, J. H. & Bro.
MOBILE—Barney-Cavanagh Hdw. Co.
Cunningham Hdw. Co.
Southern Supply Co.
Zelnicker, Walter A. Supply Co.
MONTGOMERY—Snow-Tullis Hdw. Co.
Teague & Sons
SELMA—Schuster, Benj. J.
TUSCALOOSA—Allen & Jemison Co.

ARIZONA.

NOGALES—Roy & Titcomb
PHOENIX—Davidson, C. H. & Co.
Thayer, Ezra W.
PRESCOTT—Hill, Samuel
SAFFORD—Olney Hdw. Co.

ARKANSAS.

FT. SMITH—Atkinson-Williams Hdw. Co.
Ayers & Co.
Speer Hdw. Co.
Webber-Ayers Hdw. Co.
HOT SPRINGS—Whittington, Stearns & Co.
MAGNOLIA—**DAVIS & WARNOCK**
LITTLE ROCK—Dickinson, W. W., Hardware Co.
Fones Bros., Hardware Co.
Mast, J. W. (Carriage & Wagon)
PINE BLUFF—Thompson, R. S. & Son

CALIFORNIA.

BIGGS—Doty, W. M.
FRESNO—O'Neill, W. J. & Co.
GRASS VALLEY—Biggs-Elam Hdw Co.
LOS ANGELES—Baker & Hamilton
Booth, Levi & Son
Chamberlain, Lee & Co.
Davenport, L. M. & Co.
Ducommun, C., 300 N Main
Harper & Reynolds Co., 152 N Main
Holbrook-Merrill & Stetson, 675 San Fernando
Lloyd-Scovel Iron Co. (Blacksmiths' Supplies)
McFie, W. T. Supply Co.
Pacific Coast Mfg. Co. (Iron & Steel)
Percival Iron Co. (Wagon & Blacksmiths' Supples)
Union Hdw. & Metal Co.
Wigmore, Jno. & Sons Co. (Heavy Hdw., Machinery, etc.)
NEVADA CITY—Legg & Shaw Co.
OAKDALE—Nightingale, M. J.
OROVILLE—Bills, Chas. L.
PLACERVILLE—Meehan, M. Q.
REDDING—McCormack-Saeltzer Co.
SACRAMENTO—Baker & Hamilton
Holbrook, Merrill & Stetson
Waterhouse & Lester (Inc.)
SAN ANDREAS—Cassmill, D.
SAN FRANCISCO—Arnold Hdw. Co. (Sheet Block & Galvanized), 23 Davis
Baker & Hamilton, cor Davis & Pine
Burnstine Bros., 536 Brannan
De La Montanya, J. Co., 606 Battery
Doble-Abner Co., 200 Fremont
Dunham, Carrigan & Hayden Co., 17 Beale
Gibbs, Geo. W. Co. (Iron, Steel, Carriage & Builders' Supplies), 33 Fremont
Hawley Bros., Hardware, 305 Market
Holbrook, Merrill & Stetson, 225 Market
Joost Bros., 1438 Mission
Lloyd-Scovel Iron Co. (Iron, Steel & Carriage Builders' Supplies), 159 Fremont
Montague, W. W. & Co., 124 N Los Angeles
Pacific Hdw. & Steel Co., Fremont & Mission
Pacific Tool & Supply Co., 101 1st
Palace Hdw. Co., 603 Market
Russell & Erwin Mfg. Co., Mills bldg
Schaw-Batcher Co., 539 Mission
Snook, Jas. A. Co., 247 Davis
Speddy, T. H. (Iron & Steel Bar, Plate Sheets, Rails, Bolts, Nuts Spikes, etc.), 49 2d, San Francisco
Taylor & Spotswood Co. (Carriage, etc.), 133 Fremont
Van Winkle, I. S. & Co., 415 Market
Waterhouse & Lester (of Sacramento), 16 Beale
Yale & Towne Mfg. Co., Hayward bldg
SAN JOSE—Waterhouse & Lester
STOCKTON—Austin Bros.
TEHAMA—Simpson, John
VACAVILLE—Schroeder, William L.
VISALIA—Cross, O. R. & Son

COLORADO.

BOULDER—Parker, J. H.
Rutter Hardware & Grocery Co.
Whitely, M. S.
BRECKENRIDGE—Gold Pan Engineering & Mine Supply Co.
DENVER—Dillon Hdw. Co., 1520 15th
Hendrie & Bolthoff Mfg. & Supply Co., 1601 17th
Moore Hdw. & Iron Co., 1533 15th
Rowntree, John T., People's Bank bldg
Shaw, S. G. & Co., Boston blk
Tritch, Geo. Hdw. Co., 1648 Arapahoe
Watkins, L. A. Merchandise Co., 1525 Wazee
Worthington, John S. Co., Equitable bldg
DURANGO—Jackson Hdw. Co., Arapahoe
FAIRPLAY—Cohen, Samuel
GILLETT—Western Hdw. & Supply Co.
LEADVILLE—Tompkins, H. H. Hdw. Co.
RICO—Rico Hdw. Co.
SILVERTON—Bordeleau, Jos.
TELLURIDE—Tomkins & Hunt Hdw. Co.
VICTOR—Teller County Mining Supply Co.

CONNECTICUT.

BRIDGEPORT—Chapman & Bangs, 606 Water
Eastern Iron, Steel & Metal Co., 599 Jane
Hunter & Havens, 230 Middle
DANBURY—Hull Bros. Co.
DERBY—Hallock, F. Co.
HARTFORD—Blodgett & Clapp Co. (Carriage, etc.)
Clapp & Treat
Ensworth, L. L. & Son (Carriage, etc.)
MIDDLETOWN—Pease, R. A. & Sons
NEW HAVEN—Bushnell, N. T. Co.
Mersick, C. S. & Co., 286 State
Williams, F. E. Co.
NEW LONDON—Dudley, Samuel (Carriage, etc.)
Williams, G. M. Co.
NORWICH—Eaton, Chase & Co.
Eldridge, T. H.
SHELTON—Clarke, D. M.
SOUTH MANCHESTER—Blish, F. T. Hdw. Co.
SOUTH NORWALK—Watkins & Dow
TORRINGTON—Agard Hdw. Co.
WALLINGFORD—Connecticut Hdw. & Paint Co.
WINSTED—Carroll, Jos. L.
Dickerman & Pond Co., W. W.

DELAWARE.

MIDDLETOWN—Letherbury, W. S.
WILMINGTON—Capelle Hdw. Co.
Delaware Hdw. Co. (Carriage & Wagon Builders' Supplies)
Hope & Tissel (Iron & Steel Merchants), 919 Market

DISTRICT OF COLUMBIA.

WASHINGTON—Kendall, J. B., 485 Missouri av, N W
Lamble, Jas, B. Co., Inc. (Bar Iron, Steel, etc.), 1415 New York av, N W
May, F. P. & Co., 634 Pa. av, N W
Rudolph, West & Co., 1332 N. Y. av, N W

FLORIDA.

JACKSONVILLE—Florida Hardware Co.
Hubbard, S. B. Co.
MADISON—Dial, W. H., Jr.
OCALA—Hubbard & Macduff
PALATKA—Griffin, Martin & Co.
PENSACOLA—Avery, A. M.
ST. AUGUSTINE—Hamblen, C. F.
SANFORD—Fernald, Geo. H.
TALLAHASSEE—Gilmore & Davis Co.
TAMPA—Knight & Wall Co.

GEORGIA.

AMERICUS—Sheffield, Huntington Co.
ATHENS—Athens Hardware Co.
ATLANTA—Atlanta Supply Co., 31 S Forsyth
Beck & Gregg Hardware Co., 70 Marietta
Conklin Tin Plate & Metal Co., Empire bldg
Dinkins & Davidson, 16 Central av
May & Spalding (Iron & Steel, etc.)
Stone, F. I. & Co.
AUGUSTA—Deveney, Hood & Co.
COLUMBUS—Bush Hardware Co.
COVINGTON—Stephenson, James R.
MACON—Dunlap Hardware Co.
Merritt Hardware Co.
ROME—Terhune-Nixon Co.
SAVANNAH—Lovell's, Edward Sons
Palmer Hardware Co.
Rourke, Jno. & Sons
Weed, J. D. & Co.
TOCCOA—Matheson, W. A.

IDAHO.

LEWISTON—Cash Hardware Co.
SAND POINT—Thomason Bros. & Hanson
WALLACE—Coeur d'Alene Hardware Co.

ILLINOIS.

BLOOMINGTON—Keiser-Van Leer Co.
CAIRO—Reed, J. B.
Woodward Hardware Co.
CHICAGO—Bollinger, I. W. (Plates, Sheets, Pipe, Tubes, Bolts, Nuts, etc.), 34 LaSalle
Heimbuecher, W. C. (Bar, Sheet, Shafting, Nuts, Bolts, Rivets, etc.), 36 LaSalle
Bowes, F. K. & Co. (Iron & Steel), Fisher bldg
Buss, F. B., Monadnock blk
Castle, A. M. & Co., 56 S Canal
Heimbuecher, W. C. (Bar, Sheet, Shafting, Nuts, Bolts, Rivets, etc.), 36 LaSalle
Houghton & Richards, 53 S Clinton
Kelley, Maus & Co., 184 Lake
Kimball, E. D. & Co. (Blacksmiths' Supplies), 242 Randolph
Kimbark, E. D. Co. (Carriage & Wagon, etc.), 80 Michigan av
Lester, F. A. & Co. (Tool Steel, etc.), Old Colony bldg
MURPHY, CHRISTOPHER & CO., (Bars, Plates, Sheets, Tubes, Rivets, Railway & Boiler Makers Supplies & Tools; also Copper Sheets, Bars, Wire & Rivets), 204 Dearborn. (See adv. index, end of book)
Nash, Geo. & Co. (Tool Steel, Cold Rolled Strips, Drill Rods, Music & Spring Wire, etc.), 24 S Clinton
Parkhurst & Wilkinson Co. (Iron & Steel), 143 Kinzie

Ridgely, Chas. A. & Co., 84 Van Buren
Ryerso,n Jos. T. & Son (Boiler Plate, Rivets, Tubes, Sheet & Structural Steel, etc.), 22 Milwaukee av
Scully Steel & Iron Co., Halsted c Wayman
Shepard, C. Sidney & Co. (Tin Plate, Metals, etc.), 23 Randolph
Spencer, Geo. G., 2 Sherman
Stroud, E. H. & Co., 36 La Salle
Stevens, Chas. G. Co. (Hot & Cold Rolled Strip Steel, "Blue Velvet" & Bright Sheet Steel, Music Spring Wire, Clock Spring Wire & Hobson's "Choice" Steel, etc.), 58 S Canal
White-Good Steel Co. (Tool & Special Steel's & Swedish Iron, etc.), Fisher bldg
DECATUR—Morehouse & Wells Co.
EAST ST. LOUIS—Schaub Hardware & Iron Co.
ELGIN—Ziegler Bros. (Blacksmiths' Supplies & Masons' Materials)
FAIRFIELD—Martin, E. A.
FREEPORT—Freeport Hardware Co. (Wagon & Blackmiths' Supplies)
GALESBURG—Hughel Hdw. & Iron Co.
JACKSONVILLE—Brady Bros. Hdw. Co.
JOLIET—Barrett Hardware Co.
LADD—Cahill & Thelen
LODA—Slocum & Bradley Co. (Inc.)
MASCOUTAH—Stoffel, J. W.
MONMOUTH—M'CULLOUGH HDW. & IMPLEMENT CO.
Schussler, George A.
PEKIN—Velde, Roelfs & Co. (Inc.)
PEORIA—Clark, Quien & Morse
Cummings & Emerson
Sandmeyer, H. & Co.
Walker, Isaac Hdw. Co. (Tinners' Stock, etc.)
PERU—Willmeroth & Trost
PRINCETON—Priestley Hardware Co.
QUINCY—Cottrell Hardware Co.
Fischer Iron & Steel Co.
Tenk Hardware Co.
ROCKFORD—Weyburn Co.
ROCK ISLAND—Stewart, J. W.
SPRINGFIELD—Payne, Wm. M.

INDIAN TERRITORY.

PURCELL—Beringer Hdw. Co.

INDIANA.

ALBION—Berger, J. D.
ANDERSON—Nicol, Makepeace & Co.
ANGOLA—Williamson & Co.
ATTICA—Green, LaMonte M.
BOONVILLE—Kinderman, William
BREMEN—Steinick, J. H.
CARLISLE—Risinger & Ellis
CLAY CITY—Middlemans, D. C. Sons
COLUMBUS—Schwartzkopf, J. G. & Son
Volland, Fred
CORYDON—Bullit, J. J. & Son
EVANSVILLE—Orr Iron Co.
Thiele, I. A. (Tinners' Supplies, etc.)
FORT WAYNE—Coombs, Edmund H.
Mossman, Yarnell & Co.
Seavey Hardware Co.
GOSHEN—Goshen Buggy Top Co.
Hawks Hardware Co.
GOSPORT—Burkett, A. H.
GREENCASTLE—Bicknell Hardware Co.
HELMER—Billman, Hiram S.
INDIANAPOLIS—Holliday, W. J. & Co. (Carriage), 107 S Meridian
Tanner & Co. (Tinners' Supplies, Metals, etc.), 216 S Meridian
Van Camp Hardware & Iron Co., 126 S Illinois
Vonnegut Hardware Co. (Blacksmith's Supplies, etc.), 120 E Wash
LOGANSPORT—Ullery, S. W. & Son
MADISON—Hargan & Co.
MARION—Marion Hardware Co.
TERRE HAUTE—Austin, A. G. & Co.
Duenweg Hardware Co.
Smith's, C. C. Sons Co.
Townley Stove Co. (Tinners' Stock, Metals, etc.)

IOWA.

BONAPARTE—Blackford, W. S. & A. V.
BURLINGTON—Donahue Iron & Hdw. Co.
CEDAR RAPIDS—Larimer, E. K.
CLINTON—Baldwin Bros.
DAVENPORT—Lamp, Peter Iron Co.
Sieg Iron Co.
DES MOINES—Brown-Hurley Hdw. Co.
Des Moines Iron Co. (Wholesale)
DUBUQUE—Ernsdorff, John & Sons Co.
Tredway, A. & Sons Hdw. Co. (Wholesale)
ELLIOTT—Petty, J. H.
FORT DODGE—Prusia Hardware Co.
GRAND MOUND—Moeller & Detleff
KEOKUK—Weber, A. Co.
LAKE MILLS—Styve & Son
LIVERMORE—LEIGHTON, J. W.
MANILLA—Hockett, L. L.
MENLO—Buckley, Geo. C. & Co.
MUSCATINE—Fisch, J. & Sons
Niver Iron Works
NEW HAMPTON—Garmen & Forkenbrock
Ure, E. J.
NORTHWOOD—Tenold Bros.
OSKALOOSA—Huber & Kalbach Co.
OTTUMWA—Haw & Simmons Co.
SIOUX CITY—Baker Hdw. Co.
Knapp & Spencer Co.
Sioux City Iron Co. (Iron, Steel, Blacksmiths' & Wagon Makers' Supplies)
WATERLOO—Hacker, F. J. & Co.
WEST UNION—Hoyt & Lawyer
WILTON JUNCTION—Nelson, A. T.

KANSAS.

ADA—Bozek, J. M.
ATCHISON—Blish, Mize & Sillman Hdw. Co.
Harwi, A. J. Hdw. Co.
ESKRIDGE—Trusler, W. F. L.
GLASCO—DAVIDSON & CO.
GODDARD—Linnebur, H. C.
IOLA—Constant, J. W. (Iron & Steel)
JUNCTION CITY—MUENZENMAYER, J. J. & W. F.
LA CROSSE—Forney, J. J.
LEAVENWORTH—Crancer, J. W. & Co.
MEDICINE LODGE—Chase Hdw. Co.
MITCHELL—HINDES, W. P.
NEODESHA—Ditto & Cryderman
OBERLIN—COLT, J. B. HDW. CO.
Dilworth, H. H.
PHILLIPSBURG—Smith, Theo. & Son
PARSONS—STEELE HDW. CO.
TOPEKA—Thompson, W. A. L. Hdw. Co.
WICHITA—Hockaday Hdw. Co.

KENTUCKY.

HENDERSON—Alves, Thos. D.
Blackwell, P. A. & Co.
Norris & Lockitt.
LEXINGTON—Smith, Watkins & Co.
LOUISVILLE—Belknap Hardware & Mfg. Co. (Inc.), 121 W Main
Ewald Iron Co. (Iron & Steel), Clay nr Fulton
Fulton, Conway & Co., 827 W Main
Stone, I. F. & Sons Co. (Carriage, etc.), 110 E Main
Todd-Donigan Iron Co., 817 W Main
MIDDLEBORO—Atkinson & Co.
OWENSBORO—Guenther, W. A. & Sons
PADUCAH—Hart, Geo. O. & Son Hdw. Co.

LOUISIANA.

DONALDSVILLE—Lemann, B. & Bro.
LAFAYETTE—Lacosti, Hdw. Co.
MONROE—Monroe Hdw. Co.
Southern Hdw. Co.
NEW ORLEANS—Baldwin & Co. (Ltd.), Camp c Common
Payne & Joubert, 423 Carondelet
Stauffer, Eshleman & Co., 511 Canal
Zelnicker, Walter A. Supply Co.
SHREVEPORT—Vordenbaumen-Eastman Co.

MAINE.

AUGUSTA—Brooks Hdw. Co.
BANGOR—Bragg, N. H. & Sons
Haynes & Chalmers Co.
BATH—Allen, Jos. H. & Co.
Johnson Bros.
FAIRFIELD—Totman, A. H.
GARDINER—Decker & Dey Hdw. & Coal Co.
Vannah Co.
LEWISTON—Hall & Knight Hdw. Co.
PORTLAND—Corey, E. & Co.
Edwards & Walker Co.
Emery-Waterhouse Co.
Stevens, A. E. & Co.
ROCKLAND—Crie, H. H. & Co.
WATERVILLE—Arnold, W. B. & Co.
Hanson, Webber & Dunham

MARYLAND.

BALTIMORE—Adams, J. R. M., 400 W Franklin
Clarke, Addison & Bro., 319 W Pratt
Cole, Wm. H. & Sons, 231 N Holliday
Fuller, Wm. & Co., 111 S Charles
Gorsuch, R. H. & Co., 228 N Gay
Greer, John J. & Co., 207 W Pratt
Hoffman, R. C. & Co. (Iron, Steel & Railroad Supplies), Continental Trust bldg
Huggins, Thos. J., 111 Mercer
Jamison, McKenzie & Evans, 310 North
Keidel, Henry & Co., 405 W German
Lyon, Conklin & Co. (Tin Plate, Metals, etc.), 33 Light
Parker, E. L. & Co. (Tin Plate, Iron Metals, etc.), 201 S Charles
Payne, E. Scott Co., 362 N Gay
Wehr, H. & Co., c Pratt & President
Wetherall, Wm. G., 113 S Calvert
Wier & Wilson (Shelf & Heavy), 25 S Charles
Wilcox Hdw. & Iron Co., 404 N Gay
Woolford, Napoleon B., 914 S B'way

MASSACHUSETTS.

BOSTON—Austin & Doten (Sheet, Plate, Angles, Tees, Tin Plate, etc.), 102 North
Bacon & Co., 109 Oliver
Bellows, Chas. F., 137 High
Boutwell & Co., 131 State
Brown-Wales Co. (Bars, Sheets, Angles, Plates, Tool Steel, Carriage, Supplies, etc.), 69 Purchase
Butts & Ordway Co. (Carriage, etc.), 190 High
Chase, Parker & Co. (Carriage, etc.), 83 Pearl
Cutler, Elisha P. & Co., 12 Pearl
Dodge, Haley & Co., 212 High
Dana Hdw. Co. (Importers & Dealers in all Kinds of Iron, Steel, etc.), 110 North
Ford, Arthur W. Co. (Everything for Iron & Steel Construction), 176 Federal
Green, Henry D., 32 Oliver
Harrington, Robinson & Co. (Plates, Sheets, Rivets, Boiler Tubes, Bolts, Spikes, etc.), 272 Franklin
Harvey, Arthur C. Co. (Importers & Dealers in Iron, Steel & Metals, Soft & Cold Rolled Steel, etc), 374 Congress
Hawkridge Bros. (Steel of Every Description, Tool Steel, Cut Discs, etc.), 303 Congress
Hayes, H. W. & Co., 101 Tremont
Herrick Co. (Tin Plate, Metals, etc.), 47 Broad
Horne Bros., 95 Milk
Houdlette, Fred. A. & Son, 93 Broad
Houghton & Richards (Iron & Steel Merchants), 150 Oliver
Hunt, J. B. & Co. (Tool & Machinery Steel, etc.), 413 Atlantic av
Jones, B. M. & Co. (Tool Steel, etc.), 159 Devonshire
Lloyd, Geo. H., 131 State
McBarron & Co. (Carriage, etc.), 163 Pearl
Milne, A. & Co. (Foreign & Domestic Iron & Steel, Blooms, Billets, Bars, Wire Rivet & Nail, Rods, etc.), 8 Oliver
Page, Newell & Co (Importers Iron & Steel Rails, etc.), 93 Broad
Richards & Co. (Tin Plate, Metals, etc.), 60 Union
Sanderson, E. P. Co., 16 Beverly
Studley & Simpson (Tin Plate, Metals, etc.), 137 North
Waite, Ranlet & Co. (Tin Plate, Metals, etc.), 80 Broad
Wales, Geo. O. & Co., 14 Beacon
Ward, Edgar T. & Sons (Tool Steel, Cold Drawn & Rolled Strip Steel), 23 Purchase
Wetherell Bros. (Steel & Wire of every Description, Cold Rolled Strip, etc.), 31 Oliver
Wheelock, Lovejoy & Co. (Firths Steel Swedish Iron & Steel, etc.), 35 Oliver
FALL RIVER—Congdon-Carpenter Co., 58 4th
FITCHBURG—Lawrence, Sons & Co.

GREENFIELD—Allen's S. Sons
HAVERHILL—Fellows, C. H. & Co.
Hanscom Bros.
Sayward, J. H.
HOLYOKE—Rackcliffe, C. W., 349 High
Russell, G. E. & Co., 245 High
Russell, J. & Co., 23 Dwight
Wells, E. D. & Co.
LAWRENCE—Treat Hdw. & Supply Co., 584 Essex
LOWELL—Bartlett & Dow, 216 Central
Bennett, Jno. C., 269 Dutton
Boutwell Bros.
NEW BEDFORD—Hillman, Washburn & Co.
PALMER—Buck, E. A. & Co.
PITTSFIELD—Pierson Hardware Co.
SHELBOURNE FALLS—Newell, H. & Co.
SPRINGFIELD—Foot, Homer & Co. (Carriage, etc.), 476 Main
Lewis, Chas. C. Co. (Carriage Makers & Blacksmiths)
TURNERS FALLS—Webster, F. I.
WORCESTER—Blake, Geo. F., Jr., & Co. (also Blacksmiths' Supplies)
Buxton, E. & Son Co., 13 Southgate
Pratt & Inman (Bessemer & Open Hearth for all Purposes)

MICHIGAN.

ALPENA—Potter Bros.
AUSABLE—Richards, R. A.
BAY CITY—Jennison Hdw. Co.
CALUMET—Carlton Hardware Co.
Keckonen, Oscar
SHEBOYGAN—**POST, J. J. HDW. CO.**
DETROIT—Buhl Sons Co., 106 W Woodbridge av
Fletcher Hardware Co., 61 W Woodbridge av
Freeman, Delamater & Co., 8 Woodward av
Goodrich, F. A. Iro n& Steel Co., Majestic bldg
Rayl, T. B. Co., 112 Woodward av
Roehm & Davison (Carriage, etc.), Woodbridge & Wayne)
Scherer, H. & Co., 282 Jefferson av
Standart Bros., 155 W Woodbridge av
ESCANABA—Delta Hardware Co.
Escanàba Hdw. Co.
FARWELL—Bingham, C. Edgar
GRAND RAPIDS—Clark, Rulka & Weaver Co.
Foster, Stevens & Co.
Hall, Sherwood
JACKSON—Smith & Winchester Hdw. Co.
KALAMAZOO—Edwards & Chamberlin Hdw. Co.
MANTON—Meyer Hardware Co.
MARINE CITY—Cottrell, Lewis C.
MARQUETTE—Manhard, M. R.
MARSHALL—Casper Hardware Co.
MENOMINEE—Menominee Hardware Co.
Northern Hdw. & Supply Co.
MILFORD—Hatch, Frank B.
NEW BALTIMORE—Schlosser, Christian
PAW PAW—Waters, H. C. & Co.
PORT HURON—**BEARD. GOODVILLIE &** CO. (Carriage, etc.)
Boyce, S. L. & Son
PORTLAND—Kennedy & Derby
SAGINAW—Buckhout, B. B.
Clinkofstine, L. S.
Morley Bros.
Saginaw Hardware Co.
SHELLY—Rankin, A. J.
STANTON—Pierson, Jno. W. S. & Co.
TECUMSEH—**SATTERTHWAITE BROS.**
Whitenack, D. L. & Co.
THREE RIVERS—Griffiths, John
WALDRON—Gish, Charles M.

MINNESOTA.

CLOQUET—Northern Lumber Co.
DULUTH—Kelley-How-Thomson Co.
Marshall-Wells Hdw. Co.
FAIRMONT—Houghtaling & Coult
LYLE—Colberton & Dahl
MINNEAPOLIS—Janney, Semple, Hill & Co., 24 S 2d
Minneapolis Iron Store Co., 204 N 2d
Ryerson, Jos. T. & Son, Andrus bldg
Scully Steel & Iron Co., Guaranty bldg
Williams Hardware Co., 100 2d av, S
MORA—McIlhagey, S. D.
OWATONNA—Parrott & Smith
Thompson & Roell Hdw. Co.
ROLLINGSTONE—Schuh Bros.
ST. PAUL—Farwell, Ozmun, Kirk & Co.
Hackett-Walther Gates Hdw. Co. (Tinplate, Metals, etc.)
Kalman, Paul J., Metropolitan bldg
Nicols, Dean & Gregg, 365 Sibley
STILLWATER—Stillwater Hdw. Co.
THIEF RIVER FALLS—Jackson, C. C. & Co.
WARREN—Larson, M. L.
POWELL, W. N.
Taralseth, F. J. & Co.
WINONA—Cone, R. D. & Co.

MISSISSIPPI.

ACKERMAN—Baine, Gus & Co.
NATCHEZ—Baker & McDowell Hardware Co.
Fetus Bros.
VICKSBURG—Richardson-Lee Co.
YAZOO CITY—Crane-Hinman Hardware Co.

MISSOURI.

BOONVILLE—Roeder, Geo. & Son
BUTLER—Bennett-Wheeler Mercantile Co.
Deacon Bros. & Co.
FARMINGTON—Lang & Bro.
GALLATIN—**LAWRENCE HDW. & IMPLEMENT CO.** (Merchants' Bar Iron & Steel Bolts, Nuts, Harrow Teeth, etc.)
JOPLIN—Boswell, A. V.
Joplin Hdw. Co.
KANSAS CITY—Bonniwell, Calvin Iron Co.
Faeth Iron Co. (Carriage, etc.)
Haysler Iron Co., 128 Grand av
Mercantile Lumber & Supply Co. (Bar Iron, Tank Steel, etc.)
Richards & Conover Hardware Co., 5th c Wyandotte
NEOSHO—Briggs-Centers Hdw. Co.
ST. JOSEPH—Burgess-Frazer Iron & Hardware Co.
SEDALIA—Smith, D. H. Hdw. Co.
SPRINGFIELD—Rogers & Baldwin Hdw. Co.
Robison Heavy Hardware Co.
Wyeth Hdw. & Mfg. Co., 609 N 2nd
ST. LOUIS—Beck & Corbitt Iron Co. (Carriage,
Burg, Wm., 117 N 3rd
Crane Co., 1213 Locust
Ewald, Iron Co., 939 N 2nd
Handlan-Buck Mfg. Co., 212 N 3d
Hirsch, Cal. & Sons Iron & Rail Co., 212 Clark av
Hubbell, H. B., Chemical bldg
Linley, E. H. Supply Co., 714 N 2nd
Mayer, M. & Son, 837 Choteau av
Norvell-Shapleigh Hdw. Co., 4th c Wash av
Paddock-Hawley Iron Co. (Iron, Steel, Carriage & Heavy Hardware Trimmings & Wood Materials, Corrugated Iron, etc.), 10th & Spruce
Railway Supply Co., 11 N 6th
Rubelmann-Lucas Hardware Co., 1939 N
Simmons Hardware Co. (General Line), 9th & Spruce
Sligo Iron Store Co., 945 N 2d
Souther, E. E. Iron Co., 2206 N 2d
Thompson, C. A. (Bar Plate & Sheet Iron, Boiler Tubes, Bolts, Rivets, Spikes, etc.), 516 N 3d
Waycott Supply Co. (Iron & Steel), 527 N 2d
Witte Hdw. Co., 704 N 3rd
Wolff, Abram, 1205 Morgan
Zelnicker, Walter A. Supply Co., 408 N 4th

MONTANA.

ANACONDA—Anaconda Copper Mining Co.
BILLINGS—Babcock, A. L. Hardware Co.
BUTTE—Anaconda Copper Mining Co.
Olsen & Christian
Montana Hardware Co.
GREAT FALLS—Great Falls Hardware Co.
Murphy-Maclay Hardware Co.
HELENA—Holter, A. M. Hardware Co.
PONY—Isdell Mercantile Co.

NEBRASKA.

LINCOLN—Lincoln Hardware Co.
OMAHA—Baum Iron Co., 1208 Harney
Broatch, W. J. Iro Cn., 1209 Harney
Lehmer, Jos. R., 1212 Farnham

NEVADA.

ELKO—Hesson, A. W. & Co.
RENO—Nevada Hdw. & Supply Co.
Reno Mercantile Co.
WADSWORTH—Griswold, Eugene

NEW HAMPSHIRE.

BERLIN—Burbank, E. A.
CONCORD—Thompson & Hoague Co.
KEENE—Spencer Hdw. Co.
MANCHESTER—Manchester Hardware Co.
Varick, Jno. B. Co.
NASHUA—Barr Hdw. Co.
Nashua Hardware Co.
SOMERSWORTH—Sweetzter-Sanborn Co.

NEW JERSEY.

JERSEY CITY—Whipple Hdw. Co., 57 Montgomery
Whitehead & Bro., 201 Wash
Wood, Geo. W., 170 Pavonia av
MORRISTOWN—Stirn, H. E.
Voorhees, Geo. E.
NEWARK—Banister & Pollard, 206 Market
Coe, Jas. A. & Co. (Bars, Bands, Shapes, etc.), 106 Mulberry
Crane, W. T. Carriage Hardware Co., 165 Mulberry
Gray, Robt., Jr., 190 Market
Macknet & Doremus, 796 Broad
Merkel, Jno. G. & Co., 26 Prince
Rising & Thorne, 475 Broad
Roe & Conover, 200 Market
Smith, Newton, 25 Mulberry
NEW BRUNSWICK—Strong, Wm. S.
Weigel, Ph., Jr.
PATERSON—Cleveland, J. W. Hdw. Co., 120 Main
Mills, H. W. & Co., 59 Wash
Myers, Geo. A. & Co., 63 Wash
Quackenbush & Son
Van Winkle, J. A. Co.
TRENTON—Wood, H. Sons
WEEHAWKEN—Berger, Edw. W. & Bro.

NEW MEXICO.

ALBUQUERQUE—Post, E. J. & Co.
Whitney Co.
SILVER CITY—Cosgrove, E.

NEW YORK.

ALBANY—Albany Hardware & Iron Co., 39 State
BINGHAMTON—Babcock, Hinds & Underwood
Crocker & Ogden (Carriage, etc.)
Harris, Geo. M.
BUFFALO—Beals & Co. (Iron & Steel Bar, Sheets, Hoops, Bands, Angles, Shafting & Tool Steel, Bolts, Nuts, Nails, Wire & Carriage Hardware & Woodwork), 44 Terrace
Benjamin Iron & Steel Co., D. S. Morgan bldg
Enos & Sanderson Co. (Carriage, etc.), 43 Carroll
Ginsburg, B. L. & Sons, Sycamore & N. Y. C. Belt Line
Newman, W. H. H. & Co., 70 Main
Shephard, Sidney & Co. (Sheet, etc.), 60 Tecumsch
Weed & Co., 298 Main
BURNHAMS—Payne, M. B.
COXSACKIE—Church. W. R.
ELMIRA—Barker, Ross & Clinton Co.
Booth, Irving D.
Gridley, G. A. & Son
GENEVA—Dorchester & Rose
GLOVERSVILLE—Batcheller, E. S. & Co.
GOUVERNEUR—Bowne, C. H. & Co.
Cutting & Perrin
HERKIMER—Palmer, C. W. & Co.
ITHACA—Rumsey, C. J. & Co.
Treman, King & Co.
JAMESTOWN—Clarke Hardware Co.
NEWBURGH—Johnston Hdw. & Iron Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Dunne, M. & Co., 538 Columbia
Kiley, Thos. W. & Co., 57 Grand
Langler, N. & Sons, 91 Grand av
Merchant & Co. (Inc.) (Sheet, etc.), 584 Flushing av
Ring, Chas. E. & Co. (Bar & Structural Iron & Steel, etc.), 38 S 8th
Ruppert, Jos., 212 Duffield
Tiebout, C. H. & Sons, 31 Grand

Boroughs of Manhattan & Bronx

NEW YORK—Abeel Bros., 190 South
Adams, H. H. & Co., 149 B'way
Baynon, C. A. Co., 97 Reade
Bishop, Robt. S., 11 B'way
Boker, Herman & Co. (Importers, Iron, Steel, Hardware, etc.), 101 Duane
Bouchet, Alphonse & Co., 136 Liberty
Bruce & Cook (Tin Plate, Metals, etc.), 190 Water
Buckley, L. J. & Co., 256 B'way
Burrows, Thos. C. (Firm of), 93 John
Cooney, Dan'l F., 88 Wash'n
Cornell & Underhill, 47 Beach
Crocker Bros., 99 John
Dana & Co., 32 B'way
Danby, W. H. & Co. (Wagon Mat'ls), 55 E 124th
Davis, Owen W., 25 Broad
Denman & Davis (Iron & Steel, Steel Castings, Merchant Bar Steel, etc.), 87 John
Dienst, A. & Co., 2604 3d av
Douglas, Geo. B., 29 B'way
Dunham, Carrigan & Hayden Co., 127 Duane
Ely & Williams, 257 B'way
Field, Alfred & Co. (Anvils, Chains, Files, etc.), 93 Chambers
Floyd, Edw. D. & Co., 39 Cortlandt
Franklin, Eugene & Co. (Wire, etc.), 99 Warren
Froment & Co., 151 Bank
Fuller Bros. & Co., 139 G'wich
Gautier, D. G. & Co. (Round Bar Steel, Machinery Steel, etc.), 20 Cliff
Hall, Jno. & Co., 95 Liberty
Harper, Edw. L. & Son, 71 B'way
Hatfield & Hilles (Steel & Ores), 1 B'way
Hecht & Dohm, 206 Franklin
Hobson, Houghton & Co. (Importers, etc.), 98 John
Hoffman & Scofield, 100 Beekman
Hogan & Son, 243 Pearl
Hubbard, Chas. & Co., 81 Fulton
Jackson, Herbert H., 29 B'way
Jessup, Augustus C., 120 Liberty
Jessop, Wm. & Sons (Ltd.) (Importers, etc.), 91 John
Jones, B. M. & Co. (Tool Steel, etc.), 143 Liberty
Joseph, Joseph & Bros., 100 B'way
KOPPEL, ARTHUR, 68 Broad (See adv. index, end of book)
LEAVITT, C. W. & CO., 15 Cortlandt. (See adv. index, end of book)
Leng's, Jno. Son & Co., 93 Reade
Lockwood, Arthur J. (Bar, Structural, etc.), 12 Platt
McCarty, J. C. & Co., 10 Warren
McCoy, Jos. F. & Co., 157 Chambers
Marine Mfg. & Supply Co., 157 South
Milne, A. & Co. (Foreign & Domestic Iron & Steel, Blooms, Billets, Bars, Wire Rivet & Nail Rods, etc.), 1 B'way
Moffat, Frank D. & Co. (Steel, etc.), 81 Fulton
Nash, Geo. & Co. (Cold Rolled Steel, Music & Spring Wire, Drill Rods, Seamless Steel Tubes, Hardened & Tempered Steel Strips, Wire, etc.), 224 Pearl
Naylor & Co., 45 Wall
Ogden, J. Edward Co. (Bar Iron, Machines Bolts, Nuts, Spikes, Washers, etc.), 147 Cedar
Ogden & Wallace (Tool Steel Bars, Angles, Tees, Beams, Plates, Channels, Sheets, Bands, Hoops, Cold Finished Steel Shafting, etc.), 577 G'wich
Pancoast, Rogers & Richards, 28 Platt
Patriarche & Bell (Steel, Die, Tool, Drill, Soft & Bars, Sheets, Rods & Forgings, etc.), 215 Pearl
Pierson, C. L. & Co., 16 Exchange pl
Pierson & Co. (Iron & Steel Bars, Hoops, Sheets & Plates), 29 B'way
Quincy, Jno. W. & Co. (Metals), 81 Fulton
Schroeder, Arthur, 39 Cortlandt
Sickels & Nutting Co., 35 Barclay
Smith, Lyon & Field, 139 Duane
Storm, Walter H. & Co. (Structural Materials), 26 Cortlandt
Temple, Edw. A., 100 William
Topping Bros. (Heavy & Marine), 122 Chambers
Tower & Lyon, 95 Chambers
Vought & Williams, 365 Greenwich
Wallace, Wm. H. & Co. (Iron & Steel), 66 B'way
Wardlow, S. & Co., 95 John
Wardwell, R. P. & Co., 6 Harrison
Wetherell Bros. (Steel & Wire of every description, Cold Rolled Strip, etc.), 120 Liberty
Wheelock, Lovejoy & Co. (Firth Steel & Swedish Iron & Steel, etc.), 23 Cliff
Wiebush & Hilger (Ltd.), (Anvils, Chains, etc.), 9 Murray
Wilks, Saml. A. S., 16 Exchange pl
Woodruff, Frank H. & Co., 256 B'way

Borough of Queens

LONG ISLAND CITY—Brodie, Wm., 31 Vernon av
Hawkins, F. B. Co., 66 Fulton

END OF NEW YORK CITY.

NORTH TONAWANDA—Knapp Hdw. Co.
OGDENSBURG—Barr, Jno.
Hackett, Patrick Hdw. Co.
OSWEGO—Oswego Hardware Co. (Carriage, etc.)
PLATTSBURG—Myers, M. P. & Co.
PORT JERVIS—Gordon & Malven
Swinton & Co.
POUGHKEEPSIE—Andrews, J. E.
Du Bois Bros.
ROCHESTER—Burke, Wm. B., 37 Mortimer
Ernst, Louis & Sons, 129 Main
Hebing, Henry & Sons, 99 North
Mathews & Boucher (Tin Plate, Metals, etc.), 26 Exchange
Roby, Sidney B. Co., 208 South av
Weaver, Palmer & Richmond (Sheet, etc.), 33 Main
ROME—Raffauf & Hyde
Townsend, Jno. & Sons
Wardwell Hardware Co.
RONDOUT—Johnson, J. T.
SYRACUSE—Burhans & Black Co. (Inc.), 138 N Salina
Clancy Hardware Co., 112 S Clinton
Drennan Hardware Co., 327 W Fayette
Syracuse Hardware & Iron Co., 210 S Clinton
TROY—Green's Haannibal Son & Co.
McCormack & Dunn
Warren, J. M. & Co.
UTICA—Forster, David S.
Millar, Chas. & Son Co. (Tinplate, Metals, etc.)
Wright, Dana Hardware Co.
WATERTOWN—Conde, W. W.
Hunting Co.

NORTH CAROLINA.

CHARLOTTE—Allen Hardware Co.
Charlotte Hardware Co.
ELIZABETH—Sharber & White
GREENSBORO—Odell Hardware Co.
HENDERSON—O'Neil, M. J.
MONROE—Heath-Lee Hardware Co.
WASHINGTON—Fulford, N. S. Hardware Co.
WILMINGTON—Springer, W. E. & Co.
WINSTON-SALEM—Brown, Rogers Co.

OHIO.

AKRON—Akron Belting Co.
Kempel, G. A. & Co.
ALLIANCE—Kay, C. Y.
BUCYRUS—Blair, E.
Picking, D. & Co.
CANAL DOVER—Dearhoff, Geo. R. & Son
Harger, H. A.
CANTON—Canton Hardware Co.
CHILLICOTHE—Spetnagel Hardware Co.
CINCINNATI—Adams, J. L. & Co. (Bars, Plates, Sheets, Boiler Tubes & Rivets, etc.), Union Trust bldg
Bremfoerder & Burrell (Bars, Light Rails, Channels & Machinists', Blacksmiths' & Wagon Makers' Supplies), 2111 Central av
Cincinnati Iron Store Co. (Sheets, Plates, Bar & Structural, etc.)
Cincinnati Tin & Japan Co. (Tin Plate, Metals, etc.)
Elden, T. G., 134 Sycamore
Evans, C. W., Steel & Iron Co., 12 E Front
Franklin & Hamant (Iron, Steel & Metals)
Globe Rolling Mills Co. (Bars, Plates, Sheets, Tubes, Steel, Tires, etc.), 218 W 2d
Graham, Frank C., Traction bldg
Hirsch, J. C. Iron & Rail Co., Nat'l Bank bldg
Huenefeld, E. H. (Tin Plate, Metals, etc.)
Jessop, Wm. & Sons (of Sheffield, Eng.), 13 E 2d
Johnson Bros. Hardware Co.
Kinsey, Geo., Union Trust bldg
Lawson, F. H. Co. (Tin Plate, Metals, etc.)
Moesta, Geo. (Bars, Sheets, Forgings, Bolts, etc.), Hulbert bldg
Morris, E. K. & Co., 317 W 2d
Pickering Hardware Co., 5th & Main
Queen City Supply Co. (Blacksmiths' Supplies, etc.), 201 W Pearl
Robertson, W. F. Steel & Iron Co. (Bars, Sheets, Plates, Cold Rolled & Cold Drawn Steel, Anglers, Channels, Rivets, Spikes, etc.), Front & Elm
Schulte, G. B. Sons Co., 716 Main
Talbott, C. R. Co. (Tool Machinery & Shafting Steel, Cut & Wire Nails), Wiggins blk
Uihlein, Julius & Co. (Steel Rivets, Screws, etc.), 134 W 2d
Weber & Co., 828 Main
Wolff & Co., 1548 Central av
CLEVELAND—Bassett-Presley Co. (Rivet Iron, Tool Steel Boiler Tubes, Chairs, etc.), 19 Merwin
Bingham, W. Co., 146 Water
Bourne, Fuller Co. (Bars, Sheets, Structural Plates, Tool Steel, Shafting, Hoops, Rivets, etc.), Hickox bldg
Brassington, Frank A. Co. (Carriage), 43 Bolivar
Corlett, J. F., Perry-Payne bldg
Cray Bros. (Blacksmiths' Supplies)
Harris, Carl C., Cuyahoga bldg
Lockwood-Taylor Hardware Co., 108 Water
Luetkemeyer, H. W. & Sons, 190 Superior
McIntosh Hardware Corp'n, 116 Superior
Metal Sales Co., Citizen bldg
Otis, Bonnell & Co., Cuyanoga bldg
Worthington, Geo. C., 95 St Clair
COLUMBUS—Griswold-Sohl Co. (Blacksmiths' Stock & Tools)
Mithoff, H. & Co.
Smith Bros. Hdw. Co.
DEFIANCE—Kehnast, W. A.
Sass, Henry C.
FREMONT—Herbrand Co. (Carriage & Wagon)
IRONTON—Hutsinpillar & Sheridan
KENTON—Cantwell, Kinsey & Elder
LANCASTER—MacCracken Hdw. & Imp. Co.
MANSFIELD—Wagner Hardware Co.
MARION—Kling & Wilson
MT. VERNON—Bird Bros.
Bogardus & Co.
NEWARK—Jones, D. L. & Co.
McCune, Crane Hdw. Co.
RAVENNA—Waller, C. M.
SALEM—Salem Hardware Co.
SOMERSET—Love, C. E.
TOLEDO—Bostwick-Braun Co.
Heavy Hardware Co. (Carriage, etc.)
Stollberg Hardware Co., 605 Cherry
WARREN—Park, S. W. & Co.
WASHINGTON—Ballard, C. F.
YOUNGSTOWN—Morris Hardware Co.
Stambaugh-Thompson Co.

OKLAHOMA TERRITORY.

OKLAHOMA—Armstrong Hardware Co.
Pettee, W. J. & Co.

OREGON.

BAKER CITY—Basche-Sage Hdw. Co.
GRANT PASS—Cramer Bros.
PORTLAND—Avery & Co., 82 3rd
Corbett, Faling & Robertson (Inc.), 84 Front
Haseltine, J. E. & Co., 51 2nd
Honeyman Hdw. Co., 4th c Alder
Marshall-Wells Hdw. Co., E Morrison c 1st

PENNSYLVANIA.

ALLEGHENY—Lautner Hardware Co.
ALLENTOWN—Hersh, F. Hdw. Co.
Young, M. S. & Co.
ASHLAND—Buck, Peter E. & Sons
BEAVER FALLS—Brierly, F. F.
Davidson, W. J.
BETHLEHEM—Krause, J. S.
BRADFORD—Emery, L. & Co.
CHESTER—Birtwell, H. B.
COATESVILLE—Lukens, Nathan
CONSHOHOCKEN—Bate, Wm. T. & Son
CORRY—Barlow Hardware Co. (Ltd.)
DANVILLE—Welliver Hardware Co.

EASTON—Losey & Co.
Lynch, Jos.
Miller, Thos. T. Co.
EDDYSTONE—Tindel-Morris Co. (Steel)
ELLWOOD CITY—Tindel-Morris Co. (Steel)
GREENVILLE—Packard Hardware Co.
HANOVER—Shirk, Sam'l & Sons
Tanger, J. C. & Co.
HARRISBURG—Gilbert, Henry & Son
HAZLETON—Hazleton Machinery & Supply Co.
Barber, J. F. & Co. (Mine Supplies, etc.)
Bright, J. C. & Co.
JOHNSTON—Swank Hardware Co.
KINGSTON—Roat, A. J.
KITTANNING—McCullough, Jas., Jr.
LANCASTER—Reilly Bros. & Raub
Steineman Hardware Co.
LEBANON—Krause, Geo. Hardware Co.
MAHANOY CITY—Heiser, H. J. & Co.
MIFFLINBURG—Snodgrass, S. W.
NEW BRIGHTON—Martsolf, G. W.
NORRISTOWN—Gilbert, Fred'k
PHILADELPHIA—Baily, R. M. & Co. (Billets, Slabs, Sheets, Bars, Skeep, Pipe & Tubes, Nails, Chains, Iron & Steel Roofing, Lath, Spikes, etc.), Arcade bldg
Baird, C. R. & Co., Bulitt bldg
Cabeen & Co. (Bessemer & Open Hearth Steel Billets & Slabs & Manufactured Steel), Real Est. Trust bldg
Caine & Plitt (By-Products), Real Est. Trust bldg
Calvert & Holloway (Tin Plate, Metals, etc.),
Cann & Saul, 516 Commerce 68 N 2d
Conard, Thos. P., 119 S 4th
Cox, Justice, Jr., & Co. (Structural, Plates, Bars, Sheets, Rails, etc.), Land Title bldg
Dreifus, Chas. & Co. (Iron & Steel Scrap), North American bldg
Gummey, McFarland & Co. (Tin Plate, Metals, etc.), 147 N. 10th
Hall & Carpenter (Tin Plate, Metals, etc.), 518 Race
Hand, Edw. L. & Co., 616 Market
Houston, C. B. &. Co. (Iron & Steel Plates, Sheets, Bars, Shapes, etc.), Girard bldg
Janney, Steinmetz & Co. (Malleable & Steel Castings, Forgings, etc.), Drexel bldg
Kecley, Jerome & Co. (Steel Blooms, Billets, Rails, Muck, Bar Iron, Ores, etc.), 421 Chestnut
Law, Ernest & Co. (Plates, Sheets, Bars, Shapes, Rails, etc.), Harrison bldg
Lea, J. Tatnall & Co. (Billets, Pig, Muck, Bar & Ores), Stephen Girard bldg
Levis, Henry & Co. (Boiler & Sheet iron, Iron & Steel Rails, etc.), 26 S 15th
Ligget, Robt. & Co. (Bar Iron & Steel, Horseshoe Nails, etc.), 135 N 13th
Lindsay, Jas. G. & Co. (Structural, Plates, Sheets, etc.), Arcade bldg
Lindsay, W. W. & Co., "Iron & Steel," Harrison bldg
McInnes, Chas. E. & Co., Drexel bldg
Mann, E. R. & Co., 147 S 4th
Matlack, E. C. (Carriage Materials), 122 N 3d
Merchant & Co. (Inc.) (Sheet, etc.), 517 Arch
Morris, Wheeler & Co., 1608 Market
Newkirk, John B. & Co. (Bands, Hoops, Sheets, Pipe, Nails, Plates, Rails, etc.), Harrison bldg
Nicholson, H. B. (Iron, Steel & Blacksmiths' Supplies), 10th & Vine
Phillips, F. R. & Sons Co., Penna bldg
Potts, Horace T. & Co. (Steel Importers), 316 N 3d
Potts, W. F. Son & Co. (Tin Plate, Iron & Steel, etc.), 1224 Cherry
Poulterer & Co., 133 S 4th
Pullman, J. Wesley & Son, 238 S 3d
Riter Bros & Co. (Tin Plate, Metals, etc.), 1022 Race
Samuel, Frank (Broker), 1502 Market
Secs & Faber, 2010 N Front, Phila., Pa.
Standard Supply & Equipment Co. (R. R., Mill & Contractors' Supplies), 1710 Market
Taylor, N. & G. Co. (Tin Plate, Metals, etc.), Merchants' bldg
Trotter, Nathan Co. (Tin Plate, Metals, etc.), 36 N Front
Wallace, H. T. (Broker), Real Estate Trust bldg
Wheeler, Mifflin & Co. (Plates, Rails, Blooms, Muck, Scrap, etc.), The Arcade
Wharton, Jos., 421 Chestnut
Wilson, E. H. & Co. (Iron & Steel Brokers), Arcade bldg
Wister, L. & R. & Co. (Brokers), Bullitt bldg
Wright, Philip E. (Black Sheet Iron in Gauges 17 to 28), Girard bldg
PITTSBURG—Banning, Cooper & Co. (Mfrs'. Agents), Lewis blk
Blair, Reed F. & Co., Frick bldg
Bole, Ross & Co. (Iron & Steel), Lewis blk
Booth, J. B. & Co. (Iron & Steel), 225 1st av
Childs, Albert H., 541 Wood
Davis, Chas., Jackson bldg
Dravo, Horace G., Ger. Nat'l Bank bldg
Dreifus, Chas. & Co., Frick bldg
Foster & Green (Rails, Castings, Pipe, Structural, Scrap, etc.), Farmers' Bk bldg
Frick & Lindsay Co., 109 Wood
Goff, Horner & Co. (Ltd.), Frick bldg
Hillman, J. H. & Son, Frick bldg
Holland Co., 525 3d av
Humphrey's, Stewart & Co., Lewis blk
Hyde Bros. & Co. (Iron & Steel), Empire bldg
Joseph, Joseph & Bro. Co., Park bldg
Logan-Gregg Hardware Co., 125 7th
McLean, Geo. A. & Co., Lewis blk
Moore, Edgar M. & Co. (Bar, Pipe, Structural, Shafting, etc.), Farmers' Bank bldg
Monarch Iron & Steel Co. (Black corrugated & Galvanized Sheets, Plates, Bars, Shafting & Chain), Bijou bldg
Neal Bros., 421 Wood
Pope, Chas. E. & Co., 421 Wood
Rhodes, Joshua W. & Co., 307 4th av
Snyder, W. P. & Co., Frick bldg
Specr, J. L. D. & Co., 207 5th av
Speer, J. R. & J. McK. Co., Farmers' Bank bldg
Wolff, Lane & Co., 304 Wood
Woodwell, Jos. Co., 201 Wood
POTTSTOWN—Bailey, M. W.
Fegely, J. & Son
POTTSVILLE—Esterly, D. L. Sons
Thompson, L. C.
READING—Bard Hdw. Co.
Bright & Co., 504 Penn
Obold, J. H. & Co.
Stichter Hardware Co. (Ltd.)
SCRANTON—Bittenbender Co. (Carriage)
Derry, A. L. & Co.
Scranton Mercantile Co.
Scranton Supply & Machinery Co. (R. R., Mine & Mill)
SHARON—Fruit-Ohl Co.
WILKESBARRE—Penna. Supply Co.
Phelps, Straw & Co.
YORK—Small, P. A. & S. Co.

RHODE ISLAND.

PROVIDENCE—Church, E. C. Co., 3 Eddy
Congdon & Carpenter Co. (Iron & Steel, Tin Plate, etc.), Canal, Elizabeth & N Main
Warren, Salisbury & Nightingale, 70 Mathewson

SOUTH CAROLINA.

ANDERSON—Sullivan Hardware Co.
CHARLESTON—Shepherd Supply Co.
COLUMBIA—Lorrick & Lowrance
GREENVILLE—Wilkins, Poe & Co.

SOUTH DAKOTA.

ABERDEEN—Jackson Hardware Co.
DEADWOOD—Ayres, G. V. & Co.
RAPID CITY—Congdon, G. S. Hardware Co.
SIOUX FALLS—Hackman, E. W. Hardware Co.
Sioux Falls Hardware Co.

TENNESSEE.

BRISTOL—Barker Hdw. Co. (Carriages, etc.)
Mitchell-Powers Hardware Co.
CHATTANOOGA—James & Co., 101 W 8th
James & Co., 101 W 8th
Magill Hardware Co.
JOHNSON CITY—Summers, Barton & Parrott
KNOXVILLE—Luttrell, S. B. & Co.
McClung, C. M. & Co.
MEMPHIS—Bruce, W. S. & Co., 37 Monroe
Ellis, Wm. C. & Sons, 439 Shelby
Livermore Foundry & Machine Co., 160 Adams
Orgill Bros & Co., 310 Front
Stewart, Reder Hdw. Co., 234 Main
MORRISTOWN—Baylor, C. E. & Co.
NASHVILLE—Buford Bros.
Fall, J. H. & Co.
Forde, H. W. & Co.
Gray & Dudley Hardware Co.

TEXAS.

ABILENE—Hughes, E. S. & Co.
Paxton, Geo. L.
AUSTIN—Tips, Walter
BAIRD—Meyer, Harry
DALLAS—Huey & Philip Hardware Co.
DENISON—Hall-Leeper Hardware Co.
EL PASO—Fassett & Kelly
Krakauer. Zork & Moye
Williams, J. V. (Mfrs'. Agent) (Iron & Steel Finished Products a Specialty)
FORT WORTH—Henry, Wm. & R. E. Bell Hardware Co.
Nash Hardware Co.
GALVESTON—Blum Hardware Co.
Brown, J. S. Hardware Co.
HOUSTON—Heitmann, F. W. & Co.
Meyer, Jos. F. Co. (Iron, Steel & Carriage Builders' Supplies)
Peden Iron & Steel Co. (Tinplate, Metals, Steel, etc.)
Smith, Howard Co.
LAREDO—Deutz, A. & Bro.
PARIS—Bettes, H. S. Hardware Co.
SAN ANTONIO—Basse, Wm. Hdw. Co.
Dean, C. H. Co.
Heusinger Hardware Co.
WACO—McLendon Hdw. Co.
Strauss, Ed.
WEATHERFORD—Bell, R. E. Hardware Co.

UTAH.

SALT LAKE CITY—Salt Lake City Hardware Co.
Strevell-Paterson Hdw. Co.
Zion's Co-operative Mercantile Institution.

VERMONT.

BRATTLEBRO—Robbins & Cowles
BURLINGTON—Strong Hardware Co.

VIRGINIA.

ALEXANDRIA—Carlin's, Jas. F. Sons & Co.
DANVILLE—Hodnett-Vass-Watson Co.
LYNCHBURG—Ainslie & Martin
Barker-Jennings Hardware Co.
Handy, N. B. & Co. (Bar, Band, Hoop & Sheet, Nails, Wire, etc.)
NORFOLK—Mayer & Co.
Walke, Henry Co.
RICHMOND—Clarke, A. B. & Son Hardware Co., 1215 E Main
Donnan, W. S. Hdw. Co., 1300 E Main
Richmond Hdw. Co., 1316 E Main
Virginia-Carolina Hdw. Co., 1322 E Main
Watkins-Cottrell Co., 1313 E Main
STAUNTON—Worthington Hardware Co.

WASHINGTON.

EVERETT—Westover Hardware Co.
SEATTLE—Hofius, W. D. & Co.
Polson Implement & Hdw. Co.
Railway & Steel Supply Co., Starr-Boyd bldg
Seattle Hardware Co., 819 1st av
Schwabacher Hardware Co.
Vulcan Iron Works, 5th av S & Seattle bou'l
SPOKANE—Holley, Mason, Marks & Co.
Spokane Hardware Co.
Union Iron Works (Inc.)
TACOMA—Hunt & Mottett
WALLA WALLA—Holt Mfg. Co.
WHATCOM—Morse Hardware Co.

WEST VIRGINIA.

CHARLESTON—Capitol City Supply Co.
CLARKSBURG—Williams & Davidson Co.
HUNTINGTON—Emmons-Hawkins Hdw. Co.
PARKERSBURG—Smith, W. H. Hdw. Co.
WHEELING—Greer & Laing
Hutchinson, T. T. & Co.
Miller & Stein
Snyder's, Jacob Sons

WISCONSIN.

APPLETON—Schlafer Hardware Co.
GREEN BAY—Gotfredson Bros. Hdw. Co.
LA CROSSE—Kroner, Fredk. Hdw. Co.
Tausche, V. Hardware Co.

MANITOWOC—Rand & Roemer Hdw. Co.
MILWAUKEE—Frankfurth, Wm. Hdw. Co., 119 W Water
MILWAUKEE CORRUGATING CO. (Iron & Steel, Sheet, Black, Galvanized & Corrugated. (See adv. index, end of book)
Pritzlaff Bros., 173 Reed
Pritzlaff, John Hardware Co., 33 W Water
Shadbolt & Boyd Iron Co. (Carriage, etc.), 129 W Water
Suelflohn & Selfeld (Carriage, etc.), 45 2d
OSHKOSH—Hay Hardware Co.
RHINELANDER—Dunn & Wood Hdw. Co.
LEWIS HARDWARE CO.
SHEBOYGAN—Geele, F. Hardware Co.

Iron Summer Houses

Balderston, H. & Son, 119 Light, Baltimore, Md.
Barnum, E. T., 99-105 Shelby, Detroit, Mich.
Booth, John, 114 E Lake, Chicago
CHAMPION IRON CO., Kenton, O. (See adv. index, end of book)
Lewis, Henry B., 45 Jos. Campau av, Detroit, Mich.
Phoenix Steel Construction Co., Penn av & 3d, Pittsburg, Pa.
Schreiber, L. & Sons Co., 8th & Eggleston av, Cincinnati, O.
SMITH, F. P. WIRE & IRON WORKS, 100 Lake, Chicago, Ill. (See adv. index, end of book)
TAYLOR & DEAN, 201 Market, Pittsburg, Pa. (See adv. index, end of book)
Westervelt, A. B. & W. T., 102 Chambers, N. Y.

Iron (Swedish)

(See Iron & Steel, Swedish)

Iron Towers & Tanks

(See Towers, Steel.)

Iron & Steel

Under this heading see sub-classifications.

Iron & Steel Angles, Channels, Tees, Etc.

Buffalo Steel Co. (Bessemer Steel), Tonawanda, N. Y.
Cambria Steel Co., Arcade bldg, Phila.; 138 Jackson boul, Chicago, & 71 B'way, N. Y. Works, Johnstown, Pa.
Cambridge Rolling Mill Co. (Bessemer Steel, also U. I. & Z. Bars & Harrow, Cultivator Bars, etc.), Cambridge, O.
Carnegie Steel Co. (Steel Only), Pittsburg, Pa.; Penna. bldg, Phila., Pa.; Rookery, Chicago, & 71 B'way, New York
Colorado Fuel & Iron Co., Denver, Colo., & 71 B'way, New York
Danville-Bessemer Co. (Steel Angles Only), Danville, Pa.
Davis Bros. (Angle Iron up to 2 inches), 29th & Bristol, Phila., Pa.
Eastern Steel Co. (Steel Only, also Zees), Pottsville, Pa.
Empire Iron & Steel Co. (Angles, etc.), Niles, O.
Harrisburg Pipe & Pipe Bending Co. (Open Hearth Steel Angles & Channels), Harrisburg, Pa.
Hollidaysburg Iron & Nail Co., Hollidaysburg, Pa.
Illinois Steel Co. (Steel), The Rookery, Chicago
Independent Rolling Mill Co., Cuyahoga Falls, O.
Inland Steel Co. (Steel), 119 Monroe, Chicago, Chicago Heights, Ill., & Indian Harbor, Ind
Jones & Laughlins Steel Co. (Steel Only, Also Tees), Pittsburg, Pa.
Licking Rolling Mill Co., Covington, Ky.
Lockhart Iron & Steel Co. (Angles & Channels Only), McKee's Rocks, Pa.
Logan Iron & Steel Co. (Iron Angles, etc.), Harrison bldg, Phila., Pa., & Burnham, Pa.
New Haven Iro & Steel Co. (Small Channels Only, 3-4 to 1 inch in width in Iron & Steel)
Oliver Iron & Steel Co., Pittsburg, Pa.
Passaic Steel Co., Paterson, N. J.; 5 Nassau New York
Penna. Steel Co. (Steel), Steelton, Pa.; Girard bldg, Phila., Pa.; 70 Kilby, Boston, Mass.; & 71 B'way, New York
Phoenix Iron Co. (Also Zee Bars, Bulb Angles, etc.), 410 Walnut, Phila., Pa.; 49 William, New York; Rookery, Chicago, Ill.; 153 Milk, Boston, Mass.; works, Phoenixville, Pa.
Portland Iron & Steel Co. (Iron Angles Only), So. Portland, Me.
Portsmouth Steel Co., Wheeling, W. Va.; works, Portsmouth, O.
Republic Iron & Steel Co. (Steel), General Offices, 1st Nat'l Bank bldg, Chicago; District Sell. Offices, 64 B'way, New York; Ellicott sq., Buffalo, N. Y.; Citizens' Bank bldg, Cleveland, O.; Mermod-Jaccard bldg, St. Louis, Mo.; Endicott Arcade, St. Paul, Minn.; Frick bldg, Pittsburg, Pa., & Cincinnati, O.
Seyfert, Simon, Reading, Pa.; works, Gibraltar, Pa.
Sweet's Steel Co. (Steel Angles & Channels Only), Williamsport, Pa.
Tennessee Coal, Iron & Railroad Co., Birmingham, Ala
Zanesville Iron Co. (Iron Only), Zanesville, O.

Iron & Steel Axles

(See Axles, Various Kinds.)

Iron & Steel (Band & Hoop)

American Steel Hoop Co., Carnegie bldg, Pittsburg, Pa.
AMERICAN STEEL & WIRE CO. (Barrel & Keg), Rookery, Chicago; Battery Park bldg, N. Y.; Cleveland, O., & San Francisco. (See adv. index, end of book)
Altoona Iron Co., Altoona, Pa.
Atlanta Steel Hoop Co. (Steel), Atlanta, Ga.
Carnegie Steel Co. (Iron & Steel), Carnegie bldg, Pittsburg, Pa.; Penna. bldg, Phila., Pa.; The Rookery, Chicfago, Ill., & 71 B'way, New York
Consolidated Iron & Steel Co. (Iron & Steel, Bullitt bldg, Phila., Pa. Mills, Bristol, Pa.
DE HAVEN MFG. CO. (Box Bands & Straps), 50 Columbia Heights, Brokolyn, N. Y. (See adv. index, end of book)
Hollidaysburg Iron & Nail Co., Hollidaysburg, Pa.
Illinois Steel Co. (Steel Bands), The Rookery, Chicago, & 71 B'way, N. Y.
Jones & Laughlins Steel Co., Pittsburg, Pa.
Lockhart Iron & Steel Co. (Bands Only), McKee's Rocks, Pa.
Monongahela Iron & Steel Co. (Carter Bands), Pittsburg, Pa.
Old Dominio nIron & Nail Works Co. (Iron Bands Only), Richmond, Va.
Pittsburg Steel Co. (Steel Only), 307 4th av, Pittsburg, Pa.
Sharon Steel Hoop Co. (Steel Only), Sharon, Pa.
Sheffield Rolling Mill Co. (Soft Steel Only), Sheffield, Ala.

Iron & Steel Bar

(See also Steel Tool)

Aetna Nut Co. (Iron), Southington, Conn.
American Bridge Co., Penna. bldg Phila., Pa., & 100 B'way, New York
American Car & Foundry Co. (Iron), 706 Chestnut, St. Louis, & 71 B'way, N. Y.
American Iron & Steel Mfg. Co. (Refined Iron & Open Hearth & Bessemer Steel Bars & Rods, etc.), Lebanon, Pa.
American Rolling Mill Corporation (Iron Only), Rookery bldg, Chicago, Ill.; works, Muskegon, Mich., & Muncie, Ind.
Atlanta Steel Hoop Co. (Steel), Atlanta, Ga.
Baltimore Rolling Mill Co., Continental Trust bldg., Baltimore, Md.
Bethlehem Steel Co. (Steel Only), South Bethlehem, Pa., & 100 B'way, New York
Braeburn Steel Co. (Steel), Braeburn, Pa.
Brown & Co., Inc. (Refined Bar Iron & Hammered Irons for Special Purposes), 10th & Duquesne way, Pittsburg, Pa.
Buffalo Steel Co. (Bessemer Steel), Tonawanda, N. Y.
Burden Iron Co., Troy, N. Y.
Burgess, Chas., Cyclops Steel Works ("Cyclops Refined Hammered Iron"), Titusville, Pa.
Cambria Steel Co., Arcade bldg, Phila., Pa.; 138 Jackson boul & 71 B'way, New York; works, Johnstown, Pa.
Cambridge Rolling Mill Co. (Iron Only), Cambridge, O.
Carnegie Steel Co. (Iron & Steel), General offices, Pittsburg, Pa.; Penna. bldg, Phila., Pa.; Rookery, Chicago, & 71 B'way, New York
Cohoes Rolling Mill Co. (Refined & Puddled Bar Iron), Cohoes, N. Y.
Colonial Steel Co. (Merchant Steel), Keystone bldg, Pittsburg, Pa.
Colorado Fuel & Iron Co., Denver, Col.
Consolidated Iron & Steel Co., Bullitt bldg, Phila., Pa., & Bristol, Pa.
Crucible Steel Co. of America (Merchants' Steel Bar), Frick bldg, Pittsburg, Pa.; 71 B'way, New York, & 64 S Clinton, Chicago
Crum Lynne Iron & Steel Co., 505 Chestnut, Phila., Pa., & Crum Lynne, Pa.
Davis Bros. (Bar Iron), 29th & Bristol, Phila., Pa.
Diamond State Steel Co. (Iron & Steel), Wilmington, Del.
Dilworth, Porter & Co. (Iron), Pittsburg, Pa., & 127 Duane, N. Y.
Duncannon Iron Co. (Iron), Duncannon, Pa., & 122 Race, Phila., Pa.
Eckels-Nye Steel Co., Chemung & Emerson av, Syracuse, N. Y.
Eleanor Iron Co. (Iron), Hollidaysburg, Pa., & Tyrone, Pa.
Eleanor Iron & Steel Co. (Bar Iron), Irwin, Pa.
Elmira Rolling Mill Co. (Merchants Bar), Elmira, N. Y.
Emlyn Iron Works, East Chicago, Ind.
Empire Iron & Steel Co., Niles, O.
Ewald Iron Co. (Hexagon & Round Edge Iron, etc.), St. Louis, Mo., & Louisville, Ky.
Farist Steel Co. (All Kinds of Merchants' Steel Excepting Sheets), 137 E Main, Bridgeport, Conn.
Frankford Steel Co. (Crucible & Open Hearth Steel), Frankford, Phila., Pa.
Ft. Wayne Iron & Steel Co. (Bar Iron), Ft. Wayne, Ind.
Gaulbert & Caskey, c York & American, Phila., Pa.
Godcharles, F. A. Co. (Iron), Milton, Pa.
Green Ridge Iron Works (Susan Spencer, propt.), Scranton, Pa.
Harrisburg Pipe & Pipe Bending Co. (Open Hearth Steel), Harrisburg, Pa.
Harrow Spring Co. (Merchants' Bars, Mach'y, Steel, etc.), Kalamazoo, Mich.
Helmbacher Forge & Rolling Mills Co. (Iron), Barton & De Kalb, St. Louis, Mo.
Highland Iron & Steel Co. (Merchants' Bar Iron & Steel), Terre Haute, Ind.
Hollidaysburg Iron & Nail Co. (Iron), Hollidaysburg, Pa.
Illinois Steel Co. (Steel), Rookery bldg, Chicago, Ill.
Independent Rolling Mill Co. (Iron & Steel Bars & Light Shapes), Cuyahoga Falls, O.
Inland Steel Co. (Steel), 119 Monroe, Chicago, works, Chicago Heights, Ill., & Indian Harbor, Ind.
International Harvester Co., Chicago, Ill.
Janson Steel & Iron Co. (Iron & Steel), Oxford, N. J.
Johnson Forge Co., Wilmington, Del.
Jones & Laughlins Steel Co. (Steel for Bolts, Rivets, etc.), Pittsburg, Pa.
Judson Mfg. Co. (Iron & Steel), San Francisco, Cal.
Kansas City Bolt & Nut Co. (Iron Only), Kansas City, Mo.
Kinsley Iron & Machine Co. (Iron), Canton, Mass.
Knoxville Iron Co. (Iron), Knoxville, Tenn.
Lackawanna Steel Co. (Merchants' Bar Steel), Buffalo, N. Y.
Lebanon Valley Iron Co. (Bar Iron), Lebanon, Pa.
Licking Rolling Mill Co. (Iron), Covington, Ky.
Lockhart Iron & Steel Co. (Bands & Hexagons), McKee's Rocks, Pa.
Logan Iron & Steel Co., Burnham, Pa.
Louisville Bolt & Iron Co. (Iron), Louisville, Ky.
McInnis Steel Co. (Steel), Corry, Pa.
Midvale Steel Co. (Steel), Nicetown, Phila., Pa.
Milton Iron Co., Milton, Pa.
Milton Mfg. Co. (Refined Bar Iron), Milton, Pa.
Monongahela Iron & Steel Co. (Carter Bar Iron & Low Phosphorus Melting Bar), Pittsburg, Pa.; works, Hope Church, Pa.
New Haven Iron & Steel Co. (Merchant Bar & Brand Iron & Steel for Bolt, Nut, Rivet Drop Forging, Horse Shoe Rods, Carriage Works, etc.), New Haven, Conn.

Newport Rolling Mill Co. (Iron), Newport, Ky.
Ohio Falls Iron Co. (Iron Only), New Albany, Ind.
Ohio Valley Steel Foundry Co. (Steel), Empire bldg, Pittsburg, Pa., Paden City, W. Va.
Old Dominion Iron & Nall Works Co. (Bar Iron Only), Richmond ,Va.
Oliver Iron & Steel Co., Pittsburg, Pa.
Pardee, C. Works (Steel), Perth Amboy, N. J.
Parkersburg Iron & Steel Co., Parkersburg, W. Va., & Pittsburg, Pa.
Passaic Steel Co. (Open Hearth Steel & High Grade Iron), Paterson, N. J.; 5 Nassau, New York
Penn Iron Co. (Iron), Lancaster, Pa.
Penna. Steel Co. (Round, Flat & Square Steel), Steelton, Pa.; Girard bldg, Philadelphia; 70 Kilby, Boston, Mass., & 71 B'way, New York
Phoenix Iron Co. (Steel Only), Phoenixville. Pa.; 410 Walnut, Phila., Pa.; 49 William. New York; The Rookery, Chicago, Ill., & 153 Milk, Boston, Mass.; works, Phoenixville. Pa
Pittsburg Forge& Iron Co. (Bar Iron Only), Pittsburg, Pa.
Portsmouth Steel Co. (Steel), Wheeling, W. Va.; Works, Portsmouth, O.
Railway Steel Spring Co., 71 B'way, New York. Works, Detroit, Philadelphia & Pittsburg
Reading Iron Co., Reading, Pa.
Republic Iron & Steel Co. (Iron & Steel), General offices, 1st Nat'l Bank bldg, Chicago. District sales offices, Ellicott Square, Buffalo; Citizens' Bank bldg, Cleveland, O. Birmingham, Ala.; Manhattan Life bldg.. New York; Mermod-Jaccard bldg, St. Louis Endicott Areade, St. Paul, Minn.; Frick bldg., Pittsburg, Pa., & Cincinnati, O.
Rome Merchant Iron Mill (Iron Only), Rome. N. Y.
St. Louis Steam Forge & Iron Works (Iron Only), East St. Louis, Ill.
SCAIFE, WM. B. & SONS CO. (Iron Only), 221 1st av, Pittsburg. Pa. (See adv index, end of book)
Schuylkill Haven Rolling Mills (F. H. Clement & Co.), (Iron Only), Schuylkill Haven, Pa.
Scranton Bolt & Nut Co. (Iron Only), Scranton, Pa., & 25 Broad, N. Y.
Seyfert, Sam'l R. & Bro., Reading, Pa.
Seyfert, Simon, Reading, Pa.; works, Gibraltar, Pa.
Sheffield Rolling Mill Co. (Iron), Sheffield, Ala.
Slatington Rolling Mill Co. (Iron), Slatington, Pa.
Sligo Iron & Steel Co. (Refined Bar Iron), Pittsburg, Pa.
Spang, Chalfant & Co., 310 Sandusky, Allegheny, Pa. Works: Etna, Pa.
Susquehanna Iron & Steel Co., Girard bldg. Phila., Pa. Mills: York Pa.; Wrightsville, Pa., & Columbia, Pa.
Sweet's Steel Co. (Bar Steel, 3-4 to 5-16, 4 by 1), Williamsport, Pa.
Sylvester Co. (Iron), 70 Kilby, Boston, Mass.
Tennessee Coal, Iron & Railroad Co. (Iron & Steel), Birmingham, Ala.
Timmes & Heet (Iron), Scranton, Pa.
Tredegar Co., Richmond. Va.
Tuttle, C. W. & Co. (Iron), Auburn, N. Y.
Ulster Iron Works, Dover, N. J.
Union Rolling Mill Co. (Merchant Bar Iron), Cleveland, O., & Unionville, Conn.
Virginia Iron, Coal & Coke Co. (Merchants' Bar Iron), Radford, Va., & Bristol, Tenn.
Weller Rolling Mill & Forge Co. (Bar Iron). Anniston, Ala.
West End Rolling Mill Co. & Chain Works Lebanon, Pa
Westerman & Co. (Set Screw, Iron, etc.; all shapes & sizes), Lockport, N. Y.
Wheeling Steel & Iron Co. (Sheet), Wheeling W. Va
Wilkes Rolling Mills Co. (Iron Only), Sharon, Pa.
Youngstown Bolt Co. (Iron & Steel), Youngstown, O.
Zanesville Iron Co. (Iron Only), Zanesville, O.
Zug & Co. (Ltd.), (Blacksmiths' & Machinery Bars), 13th & Etna, Pittsburg, Pa.

Iron & Steel Boiler & Tank Plate.

AMERICAN STEEL & WIRE CO., Y.; Cleveland, O., & Equitable bldg, San Francisco, Cal. (See adv. index, end of book)
Cambria Steel Co., Arcade bldg, Phila, Pa., & 71 B'way, New York; works, Johnstown, Pa.
Carbon Steel Co. (Steel Only), Pittsburg, Pa., & 26 Cortlandt, N. Y.
Carnegie Steel Company (Steel Only), Pittsburg, Pa.; Penna. bldg, Phila., Pa.; Rookery, Chicago, & 71 B'way, New York
Central Iron & Steel Co., Harrisburg, Pa., & Real Estate Trust bldg, Phila., Pa.
Clinton Iron & Steel Co., Pittsburg, Pa.
Colorado Fuel & Iron Co., Denver, Colo.
Crucible Steel Co. of America (Steel Only), Frick bldg Pittsburg, Pa.; 64 S Clinton, Chicago, & 71 B'way, New York
Danville-Bessemer Co. (Tank Plate), Danville, Pa.
Glasgow Iron Co., Pottstown, Pa., & 1502 Market, Phila., Pa.
Illinois Steel Co. (Steel), The Rookery, Chicago, & 71 B'way, N. Y.
Jones & Laughlin Steel Co., Pittsburg, Pa.
Judson Mfg. Co. (Iron), San Francisco, Cal. Works, Oakland, Cal.
Licking Rolling Mill Co., Covington, Ky.
Lukens Iron & Steel Co., Coatesville, Pa.
Oliver Iron & Steel Co., Pittsburg, Pa.
Otis Steel Co. (Steel Only), cor Lake & Lawrence, Cleveland, O.
Portsmouth Steel Co., Wheeling, W. Va.; works, Portsmouth, O.
Potts Bros. Iron Co., Pottstown, Pa.
Reading Iron Co., Reading, Pa.
Republic Iron & Steel Co., General offices, 1st Nat'l Bank bldg, Chicago; Sales offices, 64 B'way, N. Y.; Ellicott sq., Buffalo, N. Y.; Citizens' Bank bldg, Cleveland, O.; Mermod & Jaccard bldg, St. Louis, Mo.; Frick bldg, Pittsburg, Pa.; Cincinnati, O., & Endicott Arcade, St. Paul, Minn.
Rockaway Rolling Mill Co., Rockaway, N. J.
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)
Seidel & Hastings Co. (Charcoal Iron Boiler Plates), Wilmington, Del.
Seyfert, Samuel R. & Bro., Reading, Pa.
Seyfert, Simon, Reading, Pa.; works, Gibraltar, Pa.
Sligo Iron & Steel Co., Pittsburg, Pa.
Taylor, N. & G. Co., Mariners' & Merchants' bldg, Phila., Pa., & 1123 B'way, N. Y.
Tennessee Coal, Iron & Railroad Co., Birmingham, Ala.
Tidewater Steel Co., Chester, Pa.
Wood, Alan Iron & Steel Co. (Universal Mill Plates), 519 Arch, Phila., Pa.
Worth Bros. Co. (Steel), Coatesville, Pa.

Iron & Steel Bolts

(See Bolts, Various Kinds.)

Iron & Steel Bridge Builders

(See Bridge Builders, Steel.)

Iron & Steel Bridge Plate

(See Plate, Steel Bridge.)

Iron & Steel Castings

(See Castings, Various Kinds; also Founders, Malleable Iron; also Machinists & Founders; also Stove Mfrs., etc.)

Iron & Steel Construction.

(See Iron & Steel Structural Work.)

Iron & Steel (Corrugated, Mfrs.)

(See also Roofing & Siding Iron & Steel.)

AMERICAN SHEET & TIN PLATE Co. (Black, Galvanized & Painted), Frick bldg, Pittsburg, Pa.; District Sales offices, Battery Park bldg, New York; Rookery bldg, Chicago, Ill.; Chemical bldg, St. Louis, Mo.; Union Trust bldg, Cincinnati, O.; Union Trust bdgl, Detroit, Mich.; Equitable bldg, Denver, Colo.; Hennen bldg, New Orleans, La.; Portland, Ore., & San Francisco, Cal. (See adv. index, end of book)
American Roofing Co., Middletown, O.
BERGER MFG. CO., Main Office & Works, Canton, O.; Branches 23 Lake, Chicago, Ill.; 210 E 23d, N. Y.; 623 N Main, St. Louis, Mo.; 176 Federal, Boston, Mass., & 1215 Filbert, Phila., Pa. (See adv. index, end of book)
Cambridge Roofing Co., Cambridge, O.
Canton Steel Roofing Co., Canton, O.
East Birmingham Roofing & Corrugating Co., Birmingham, Ala.
Edwards Mfg. Co., Cincinnati, O.
Eller, J. H. & Co., 94 E 5th, Canton, O.
GARRY IRON & STEEL CO., Cleveland, O. (See adv. index, end of book)
Globe Iron Roofing & Corrugating Co., Newport, Ky., & 440 Main, Cincinnati, O.
Goff, Horner & Co., Ltd. (Steel Only), Frick bldg, Pittsburg, Pa.
Hyndman Steel Roofing Co., 318 E 2d, Cincinnati, O.
Jersey City Galvanizing Co., 80 Morgan, Jersey City, N. J., & 112 John, N. Y.
Kanneberg Roofing & Ceiling Co., Canton, O.
Kansas City Roofing & Corrugating Co., Kansas City, Mo.
La Crosse Steel Roofing & Corrugating Co., La Crosse, Wis.
Licking Rolling Mill Co., Covington, Ky.
MILWAUKEE CORRUGATING CO., Milwaukee, Wis. (See adv. index, end of book)
McCullough Iron Co., Wilmington, Del.
Muskingum Valley Steel Co., Zanesville, O.
N. Y. Iron Roofing & Corrugating Co., Jersey City, N. J.
Niles Iron & Steel Roofing Co., Niles, O.
Penn Metal Ceiling & Roofing Co., 23d & Hamilton, Phila., Pa.
Porter Iron Roofing & Corrugating Co., 27 W Front, Cincinnati, O.
Reeves Mfg. Co., Canal Dover, O.
St. Louis Corrugating Co., 113 Soulard, St. Louis, Mo.
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)
Scott & Co., 234 E Front, Cincinnati, O.
Sheet Metal Mfg. Co., Niles, O.
Southers, E. E. Iron Co., St. Louis, Mo.
Steel Roofing & Stamping Works, Des Moines, Ia.
SYKES STEEL ROOFING CO., 600 S Morgan, Chicago ,Ill. (See adv. index, end of book)
West Virginia Steel Co., Wheeling, W. Va.
WHEELING CORRUGATING CO., Wheeling, W. Va.; 47 Cliff, N. Y.; 45 Lake, Chicago, Ill.; Boston, Mass.; Phila., Pa.; St. Louis, Mo., & Chattanooga, Tenn. (See adv. index, end of book)
Whitaker-Glessner Co. (Steel Only), Wheeling, W. Va.
Wood, Alan Iron & Steel Co. (Steel), 519 Arch, Phila., Pa.
Wood, J. & Bros. Co. (Inc.), Conshohocken, Pa.
Youngstown Iron, Sheet & Tube Co., Youngstown, O.
Youngstown Iron & Steel Roofing Co., Youngstown, O.
Zug & Co. (Ltd.), 13th & Etna, Pittsburg, Pa.

Iron & Steel (Electrical)

(See Iron & Steel Sheet, Electrical.)

Iron & Steel (Fire Box Plate)

(See Plate, Steel Fire Box.)

Iron & Steel Forgings

(See Forgings, Iron & Steel.)

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.

Iron & Steel Galvanized

UNITED GALVANIZING CO., Inc. (All kinds, such as Angles, Bands, Hoops, Boiler Plates, etc.), 525 N Front, Phila., Pa. (See adv. index, end of book)

Iron & Steel Pipe

(See Pipe & Tube Mills.)

Iron & Steel Rails

(See Rails, Steel.)

Iron & Steel Rods

(See Rods, Various Kinds.)

Iron & Steel Roofing & Siding

(See Roofing & Siding, Iron & Steel.)

Iron & Steel Sheet

Allegheny Steel & Iron Co. (Steel Only), Farmers' Bank bldg, Pittsburg, Pa.
American Rolling Mill Co., Middletown, O.
American Sheet Iron Co. (Black Sheet Iron, gauge 17 to 28), Phillipsburg, N. J.
AMERICAN SHEET & TIN PLATE Co. (Bessemer & Open Hearth), Frick bldg, Pittsburg, Pa.; District Sales Offices, Battery Park bldg, New York; Rookery bldg, Chicago, Ill.; Chemical bldg, St. Louis, Mo.; Union Trust bldg, Cincinnati, O.; Union Trust bldg, Detroit, Mich.; Equitabel bldg, Denver, Colo.; Hennen bldg, New Orleans, La.; Portland, Ore., & San Francisco, Cal. (See adv. below)
Ashland Sheet Mill Co. (Iron & Steel), Ashland, Ky.
Ashland Steel Co., Ashland, Ky.
Carnahan Tin Plate & Sheet Co. (Steel), Canton, O.
Colorado Fuel & Iron Co., Denver, Colo.
Empire Iron & Steel Co. (Iron & Steel), Niles, O.
Follansbee Bros. Co. (Steel Only), Pittsburg, Pa.
Frankford Steel Co. (Crucible & Open Hearth Steel for Tools, Files, Saws, Knives, etc.), Frankford, Phila., Pa.
Goff, Horner & Co., Ltd. ("Muskingum" Bessemer & Open Hearth Steel), Frick bldg, Pittsburg, Pa.
Griffith, W. H. Co. (Tin Plate, Black Sheets), Waynesburg, Pa.
Inland Steel Co. (Steel Only), 119 Monroe, Chicago. Works, Chicago Heights, Ill., & Indian Harbor, Ind.
Licking Rolling Mill Co. (Iron), Covington, Ky.
McCullough Iron Co. (Black Steel & Iron), Wilmington, Del.
Muskingum Valley Steel Co., Zanesville, O.
Newport Rolling Mill Co., Newport, Ky.
Niles Iron & Steel Co. (Iron & Steel), Niles, O.
Parkersburg Iron & Steel Co., Parkersburg, W. V., & Pittsburg, Pa.
Sligo Iron & Steel Co., Connelsville, Pa.
Stark Rolling Mill Co. (Iron), Canton, O.
Taylor, N. & G. Co. (Gauges, 10 to 18 in.), Mariners' & Merchants' bldg, Phila., Pa., 1123 B'way, New York
Tennessee Coal, Iron & Railroad Co., Birmingham, Ala.
Waynesburg Forge, Sheet & Tin Mills ("Hammond," Iron & Soft Steel Sheets), Waynesburg, Pa.
WHEELING CORRUGATING CO. (Whitaker Works), Wheeling, W. Va.; 47 Cliff, N. Y.; 45 Lake, Chicago; Boston, Mass.; Phila., Pa.; St. Louis, Mo., & Chattanooga, Tenn. (See adv. index, end of book)
Wheeling Steel & Iron Co., Wheeling, W. Va.
Whitaker-Glessner Co., Wheeling, W. Va.
Wilkes Rolling Mills Co. (Steel Gauges 16 to 28, Width 24" to 31", Lengths 60" to 120", Iron Gauges 16 to 24, 24" to 30" Lengths, 60" to 101"), Sharon, Pa.
Wood, Alan Iron & Steel Co. (Basic Open Hearth Steel), 519 Arch, Phila., Pa.
Wood, J. & Bros. Co. (Inc.), Conshohocken, Pa.
Wyoming Shovel Works (Steel Sheets & Light Plates), Wyoming, Pa.
Youngstown Iron, Sheet & Tube Co. (Iron & Steel, Specialty Double Refined Puddled Iron Sheets), Youngstown, O.
Youngstown Iron & Steel Roofing Co. (Puddled Iron & Specialty), Youngstown, O.
Zug & Co. (Ltd.), Pittsburg, Pa.

Iron & Steel Sheet, Electrical

AMERICAN SHEET & TIN PLATE Co., Frick bldg, Pittsburg, Pa. District Sales Offices, Battery Park bldg, New York; Rookery, Chicago, Ill.; Chemical bldg, St. Louis, Mo.; Union Trust bldg, Cincinnati, O.; Union Trust bldg, Detroit, Mich.; Equitable bldg, Denver, Colo; Hennen bldg, New Orleans, La.; Portland, Me., & San Francisco, Cal. (See adv. below)
Empire Iron & Steel Co. (Open Hearth), Niles, O.
Goff, Horner & Co., Ltd. ("Muskingum" Basic & Acid O. H. Steel Sheets, Special Electrical Analysis), Frick bldg, Pittsburg, Pa.
Wood, Alan Iron & Steel Co., 519 Arch, Phila., Pa.
Wood, J. & Bros. Co. (Inc.), Conshohocton, Pa.
Youngstown Iron, Sheet & Tube Co., Youngstown, O.
Zug & Co. (Ltd.), 13th & Etna, Pittsburg, Pa.

Iron & Steel Sheet, Galvanized

American Rolling Mill Co., Middletown, O.
AMERICAN SHEET & TIN PLATE Co., Frick bldg, Pittsburg, Pa. District Sales Offices, Battery Park bldg, New York; Rookery bldg, Chicago, Ill.; Chemical bldg, St. Louis, Mo.; Union Trust bldg, Cincinnati, O.; Union Trust bldg, Detroit, Mich.; Equitable bldg, Denver, Colo.; Hennen bldg, New Orleans, La.; Portland, Ore., & San Francisco, Cal. (See adv. below)

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AMERICAN
SHEET & TIN PLATE
COMPANY,
Frick Building, Pittsburg, Pa.

Ashland Sheet Mill Co. (Iron & Steel), Ashland, Ky.
Bannantine Galvanized Iron Co., 113 Soulard, St. Louis, Mo.
BERGER MFG. CO., Main Office & Works, Canton, O. Branches: Lake, Chicago, Ill.; 210 E 23d, New York; 623 N Main, St. Louis, Mo.; 176 Federal, Boston, Mass., & 1215 Filbert, Phila., Pa. (See adv. index, end of book)
Empire Iron & Steel Co. (Iron & Steel), Niles, O.
Goff, Horner & Co., Ltd. ("Muskingum" Iron & Steel), Frick bldg, Pittsburg, Pa.
McCullough Iron Co. (Iron & Steel), Wilmington, Del.
McVoy, John & Co., 25 Michigan, Chicago, Ill.
Marshall Bros. & Co., Girard av & Front, Phila., Pa.
Niles Iron & Steel Co. (Iron & Steel), Niles, O.
Ohio Galvanizing & Mfg. Co. (Steel Only), Niles, O.
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)
Waynesburg Forge Sheet & Tin Mills), Waynesburg, Pa.
WHEELING CORRUGATING CO., Wheeling, W. Va.; 47 Cliff, N. Y.; 45 Lake, Chicago; Boston, Mass.; Phila., Pa.; St. Louis, Mo., & Chattanooga, Tenn. (See adv. index, end of book)
Whitaker-Glessner Co. (Steel Only), Wheeling, W. Va.
Wood, Alen Iron & Steel Co. (Basic Open Hearth Steel), 519 Arch, Phila., Pa.
Youngstown Iron, Sheet & Tube Co. (Steel), Youngstown, O.
Youngstown Iron & Steel Roofing Co., Youngstown, O.
Zug & Co. (Ltd.), 13th & Etna, Pittsburg, Pa.

Iron & Steel Skelp

Atlantic Iron & Steel Co., New Castle, Pa.
Clearfield Steel & Iron Co., Clearfield, Pa., & Ger. Nat'l Bank bldg, Pittsburg, Pa.
Cohoes Rolling Mill Co. (Iron Only), Cohoes, N. Y.
Eleanor Iron Co. (Iron), Hollidaysburg, Pa.
Glasgow Iron Co., Pottstown, Pa.
LaBelle Iron Works, Steubenville, O.
Longmead Iron Co. (Iron), Conshohocken, Pa.
Parkersburg Iron Co. (Charcoal Boiler-Tube Iron Skelp), Parkersburg, Pa.
Potts Bros. Iron Co. (Iron), Pottstown, Pa.
Wheeling Steel & Iron Co. (Also Muck Bar), Wheeling, W. Va.
Youngstown Iron, Sheet & Tube Co., Youngstown, O.

Iron & Steel Spikes

(See Spikes, Various Kinds.)

Iron & Steel Structural Dealers.

(See Steel Structural Dealers; also Iron, Steel & Heavy Hardware.)

Iron & Steel Structural Shapes (Mfrs.)

(See Steel Structural Shapes, Mfrs.)

Iron & Steel Structural Work

(See Steel Structural Work; also Bridge Builders, Steel.)

Iron & Steel (Swedish)

AMERICAN STEEL & WIRE CO., The Rookery, Chicago; Battery Park bldg, New York; Cleveland, O., & San Francisco, Cal. (See adv. index, end of book)
Brown-Wales Co., 83 Purchase, Boston, Mass.
Dana & Co., 32 B'way, New York
Dodge, Haley & Co., Boston, Mass.
Fitz, Dana & Co., 110 North, Boston, Mass.
Harvey, Arthur C. Co. (Iron), 374 Congress
Milne, A. & Co. (Norway Iron & Steel), 1 B'way, New York, & 8 Oliver, Boston, Mass
Nash, Geo. & Co. (Non-Magnetic Hot and Cold Rolled Norway Iron & Acme Resistance & Bending Wire for Electrical Purposes, Steel Importers, "Seebohm & Deeckstahl's" Self-Hardening & Tool Steel), 224 Pearl, N. Y.
Pierson & Co., 29 B'way, New York
Potts, Horace T. & Co., 316 N 3d, Phila., Pa.
Todd, J. H. L., 11 William, New York
Wheelock, Lovejoy & Co., 23 Cliff, New York, & 35 Oliver, Boston, Mass.
White-Good Steel Co., Fisher bldg, Chicago, Ill.

Iron & Steel Tanks

(See Tanks, Iron & Steel.)

Iron & Steel Trolley Poles

(See Poles, Iron & Steel Trolley.)

Iron & Steel Wire

(See Wire, Various Kinds.)

Iron & Steel Working Machinery

(See Machinery, Various Kinds.)

Iron & Wire Fencing

(See Iron Railings & Fences); also Wire Fences & Gates.)

Irons (Calking)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Braunsdorf-Mueller Co., Elizabeth, N. J.
Drew, C. & Co., Kingston, Mass.
Mack & Co., Rochester, N. Y.
Mueller, H. Mfg. Co., Decatur, Ill.
Stortz, Jno. & Son, 210 Vine, Phila., Pa.
White, L. & I. J. Co., Buffalo, N. Y.
Wilcox, Crittenden & Co., Middletown, Conn.

Irons (Capping)

Lang, E. M. Co. (Patent Steel Can), Portland, Me.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. (See adv. index, end of book)

Irons (Corner & Brace)

American Hardware Mfg. Co., Ottawa, Ill.
Brewer Bros. (Wrought), 614 Filbert, Phila., Pa.
English & Mersick Co., 70 Crown, New Haven, Conn.
McKinney Mfg. Co., Allegheny, Pa.
Old Dominion Iron & Nail Works Co., Richmond, Va.
Pratt & Letchworth Co., Buffalo, N. Y.
RICHARDS MFG. CO., Aurora, Ill. (See adv. index, end of book)
Sargent & Co., New Haven, Conn., & 151 Leonard, New York
STANLEY WORKS (Wrought Steel), New Britain, Conn., & 79 Chambers, New York. (See adv. index, end of book)
Wheeling Hinge Co., Wheeling, W. Va.
Wilcox Mfg. Co., Aurora Ill.

Irons (Dog)

American Iron & Steel Mfg. Co., Lebanon, Pa.
Oliver Iron & Steel Co., Pittsburg, Pa.
Pleuger & Henger Mfg. Co., 11th & Hebert, St. Louis, Mo.
Smith, Thos. & Co., Worcester, Mass.
Southern Plow Co., Columbus, Ga.

Irons (Extension Brace)

Brewer Bros. (Wrought), 614 Filbert, Phila., Pa.

Irons (Grappling)

Wilcox, Crittenden & Co., Middletown, Conn.

Irons (Hanger)

American Iron & Steel Mfg. Co., Lebanon, Pa.
AMOS, CHARLES & CO., 94 W Larned, Detroit, Mich. (See adv. index, end of book)
Green Ridge Iron Works, Scranton, Pa.
MERRITT & CO., 1024 Ridge av, Phila., Pa. (See adv. index, end of book)
Oliver Iron & Steel Co., Pittsburg, Pa.

Irons (Plane)

Buck Bros., Milbury, Mass.
Buck, Chas., Milbury, Mass.
Chapin-Stephens Co., Pine Meadow, Conn.
Doscher Plane & Tool Co., Saugatuck, Conn.
New England Specialty Co., North Easton, Mass.
Ohio Tool Co., Columbus, O.
Sandusky Tool Co., Sandusky, O.
Stanley Rule & Level Co., New Britain, Conn., & 107 Chambers, N. Y.
White, L. & I. J. Co., Buffalo, N. Y.

Irons (Polishing)

Bless & Drake, Newark, N. J.
Wrightsville Hdw. Co. ("The Troy"), Wrightsville, Pa.

Irons (Porch Post)

NATIONAL SUPPLY CO., 7 W Lom- bard, Baltimore, Md. (See adv. index, end of book)
Penn Hardware Co., Reading, Pa.
Wrightsville Hdw. Co., Wrightsville, Pa.

Irons (Sash Cord)

City of Homes Mfg. Co., Springfield, Mass.
Peck, Stow & Wilcox Co., Southington, Conn., & 27 Murray, New York
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn., & 43 Murray, N. Y.
Sargent & Co., New Haven, Conn., & 151 Leonard, N. Y.
Stanley Rule & Level Co., New Britain, Conn., & 107 Chambers, N. Y.
Union Mfg. Co., New Britain, Conn.

Irons (Step)

(See Pole Steps.)

Irons (Tuyere)

Barber Mfg. Co., Ashtabula, O.
Comstock, Geo. S. (Fish's Patent Ball Tuyeres), Mechanicsburg, Pa.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Pleuger & Henger Mfg. Co., 11th & Hebert, St. Louis, Mo.
Roots, P. H. & F. M. Co., Connersville, Ind.
Silver Mfg. Co. ("Dole & Duck Nest"), Salem, Ind.
Swett, A. L. Iron Works, Medina, N. Y. O.
Wagner Mfg. Co., Sidney, O.
Weyburn Co. ("Rockford Ideal"), Rockford, Ill.

Irons (Waffle)

Griswold Mfg. Co., Erie, Pa.

Irons (Wagon Dump)

Barnard & Leas Mfg. Co., Moline, Ill.

Irons (Wall)

American Iron & Steel Mfg. Co., Lebanon, Pa.
AMOS, CHARLES & CO., 94 W Larned, Detroit, Mich. (See adv. index, end of book)
Metropolitan Bolt Co., 148 Purchase, Boston, Mass.
Old Dominion Iron & Nail Works Co., Richmond, Va.

Isinglass.

Gloucester Isinglass & Glue Co., Gloucester, Mass.
Haskins, Leander M. (For Brewers, etc.), 10 Long Wharf, Boston, Mass.
Howe & French, 147 High, Boston, Mass.
Tarr's Isinglass Co., Gloucester, Mass.

Jack-Block (Journal Box)

Handy Car Equipment Co. ("Handy" for holding the wheel when removing brasses), Old Colony bldg, Chicago, Ill.

Jacks (Automobile)

Duff Mfg. Co. ("Barrett's"), Allegheny, Pa.
Jersey Brake Co. ("Searles"), Newark, N. J.

Jacks (Car)

BUDA FOUNDRY & MFG. CO., Harvey, Ill., & Railway Exchange bldg, Chicago, Ill. (See adv. index, end of book)
Maxon-Miller Jack Co. (Improved Maxon-Miller Lever), Huntington, W. Va.
Templeton, Kenly & Co. (Ltd.), ("Simplex"), 33 E Ontario, Chicago

Jacks (Car Replacing)

BUDA FOUNDRY & MFG. CO., Railway Ex. bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Norton, A. O. (Ball Bearing), 167 Oliver, Boston
Pearson Jack Co., 64 Federal, Boston

Jacks (Carriage)

(See Jacks, Wagon.)

Jacks (Gas Pumping)

Acme Sucker Rod Co., Toledo, O.
Masseth & Black, Butler, Pa.

Jacks (Geared)

Sparta Iron Works Co., Sparta, Wis.

Jacks (House Moving)

Belleville Pump & Skein Works, Belleville, Ill.
BROWN BROS MFG. CO., W 22d & Campbell av, Chicago, Ill. (See adv. index, end of book)
Harvey, H. H., 608 Atlantic av, Boston, Mass.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Joyce-Cridland Co., Dayton, O.
Kinsley Iron & Machine Co., Canton, Mass.
Maxon-Miller Jack Co. (Improved "Maxon-Miller" Lever), Huntington, W. Va.
Woolly Foundry & Machine Co., Anderson, Ind.

Jacks (Hydraulic)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Bethlehem Foundry & Machine Co. (With Outside Pumps; also Claw Ground Lift), South Bethlehem, Pa.
Burroughs, Chas., 141 Commerce, Newark, N. J.
City Machine Co., Cleveland, O.
Dienelt & Eisenhardt ("Reliance"), 1308 N Howard, Philadelphia, Pa.
Dudgeon, Richard (Est. of), 24 Columbia
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Henderer's, A. L. Sons, Wilmington, Del.
Joyce-Cridland Co., Dayton, O.
Justice, Philip S. & Co., 14 N. 5th, Philadelphia, Pa.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
McCoy, Joseph F. & Co., 157 Chambers, New York
Wallace Supply Co., 56 5th av, Chicago & 26 Cortlandt, N. Y.
Watson-Stillman Co., 46 Dey, New York

Jacks (Hydraulic, Concrete Testing)

RANSOME CONCRETE MACHINERY Co., 11 B'way, New York. (See adv. index, end of book)

Jacks (Lifting)

Acme Ball Bearing Co. (Ball Bearing), 20 Nassau, New York
BARTH MFG. CO., Milwaukee, Wis. (See adv. index, end of book)
Boyer-Radford Mfg. Co ("Maxon"), Dayton, O.
Bray Mfg. Co. ("B. B." Adjustable), Newark, N. J., & 115 B'way, N. Y.
Buckeye, Jack Mfg. Co., Louisville, O.
BUDA FOUNDRY & MFG. CO., Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
Contractors' Plant Mfg. Co., Buffalo, N. Y.
Duff Mfg. Co. ("Barrett's"), 405 Marion av, Allegheny, Pa.
Hagerstown Foundry Co., Hagerstown, Md.
Harvey, H. H., 608 Atlantic av, Boston, Mass.
Henderer's, A. L. Sons, Wilmington, Del.
Joyce-Cridland Co. (Gear Levered), Dayton, O.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Klemm, E. R., 103 W Monroe, Chicago, Ill.
McCoy, Jos. F. & Co., 157 Chambers, New York
Maxon-Miller Jack Co. (Improved "Maxon-Miller" Lever), Huntington, W. Va.
Maynard, C. T. & Co. (Gear), Fairhaven, Vt.
Newell, J. F. & Co., Gardiner, Me.
New London Vise Works, New London, Conn.
New Winona Mfg. Co. ("Hay King"), Winona, Minn.
Norton, A. O. (Ball Bearing Screw), 288 Congress, Boston, Mass.
Oliver Mfg. Co. ("Peerless" "Samson" "Oliver" Practical), Chicago, Ill.
Pearson Jack Co. (Pearson), 64 Federal, Boston,
Pelkey, W. H., Fairhaven, Vt. Mass.
Peerless Lifting Jack Co., Anderson, Ind.
Royal Machine Co., Newark, N. J.
Schwartz, M. & Son, Chillicothe, O.
Shaw Engineering & Mfg. Co. (Adjustible), Newark, N. J.
Sheffer, B. F., Glen Rock, Pa.

Jacks (Locomotive)

Belleville Pump & Skein Works, Belleville, Ill.
Illinois Iron & Bolt Co. (Bell Base), Carpentersville, Ill.
Maxon-Miller Jack Co. (Maxon-Miller Lever), Huntington, W. Va.
Turner, Jno. T. Lowell, Mass.

Jacks (Log)

Burnett Foundry & Machine Works, Ltd., Petoskey, Ind.
Diamond Iron Works ("Independent" Iron Frame), Minneapolis, Minn.
Duff Mfg. Co. ("Barrett's"), 405 Marion av, Allegheny, Pa.
FILER & STOWELL CO., Becher & Ziemer, Milwaukee, Wis. (See adv .index, end of book)
Garratt, W. T. & Co. (Inc.), Fremont & Natoma, San Francisco, Cal.
Gilchrist Bros. (The Hercules), South Bend, Ind.
Gray's Harbor Iron Works, Hoquiam, Wash.
Hill, W. E. & Co., Kalamazoo, Mich.
Joyce-Cridland Co., Dayton, O.
Lane Mfg. Co., Montpelier, Vt.
Maxon-Miller Jack Co. ("Maxon" Lever), Huntington, W. Va.
Moltz, Jacob J., Williamsport, Pa.
Murray, D. J. Mfg. Co. (Iron Frame, etc.), Wausau, Wis.
Phoenix Mfg. Co., Eau Claire, Wis.
Southern Engine & Boiler Works, Jackson, Tenn.
Standard Scale & Supply Co., 211 Wood, Pittsburg, Pa.
Turner, Jno. T., Lowell, Mass.

Jacks (Piling)

Pearson Jack Co. (Pearson Ratchet), 64 Federal, Boston, Mass.

Jacks (Pneumatic)

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill., & 95 Liberty, N. Y. (See adv. index, end of book)
GARRY IRON & STEEL CO. (Car), Cleveland, O. (See adv. index, end of book)

Jacks (Pumping)

Lazier Gas Engine Co. (Combination), Buffalo, N. Y.
Myers, F. E. & Bro. (Combination), Ashland, O

Jacks (Ratchet)

Belleville Pump & Skein Works, Belleville, Ill.
Boyer-Radford Mfg. Co. ("Maxon" Lever & Ratchet Screw), Dayton, O.
BUDA FOUNDRY & MFG. CO., Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
Illinois Iron & Bolt Co., Carpentersville, Ill.
Joyce-Cridland Co., Dayton, O.
Justice, Philip S. & Co. (Ball Bearing Screw), 14 N 5th, Philadelphia, Pa.
Kalamazoo Railway Supply Co. (Also Friction), Kalamazoo, Mich.
Norton, A. O. (Ball Bearing Screw), 286 Congress, Boston, Mass.
Pearson Jack Co. (Car Replacing), 64 Federal, Boston, Mass.
Turner, Jno. T. (Railroad), Lowell, Mass.
Vicksburg Mfg. Co., Vicksburg, Ind.

*Jacks (Robie)

Riehle Bros. Testing Machine Co., 1424 N 9th, Philadelphia, Pa.

Jacks (Screw)

Baker Mfg. Co., Evansville, Wis.
Barber Mfg. Co., Ashtabula, O.
BARTH MFG. CO., Milwaukee, Wis. (See adv. index, end of book)
Belleville Pump & Skein Works, Belleville, Ill.
Bethlehem Foundry & Machine Co. (With Swivel Caps), South Bethlehem, Pa.
Boyer-Radford Mfg. Co. (Ratchet Ccrew), Dayton, O.
Brown Bros. Mfg. Co., c Jackson & Clinton, Chicago, Ill.
Chapman Jack Co., Cleveland, O.
Contractors' Plant Mfg. Co., 129 Erie, Buffalo, N. Y.
Darragh, M. & Co., West Bridgewater, Pa.
Defiance Machine Works, Defiance, O.
Dudgeon, Richard, 24 Columbia, New York
Duff Mfg. Co. ("Barrett's" Differential, etc.), 405 Marion av, Allegheny, Pa.
Goulds Mfg. Co., Seneca Falls, N. Y., & 16 Murray, New York
Harvey, H. H., 608 Atlantic av, Boston, Mass.
Howell, R. R. & Co., Minneapolis, Minn.
Illinois Iron & Bolt Co. (all kinds), Carpentersville, Ill.
Joyce-Cridland Co., Dayton, O.
Justice, Philip S. & Co., 14 N 5th, Phila., Pa.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.

Kinsley Iron & Machine Co., Canton, Mass.
Knowles Loom Works, Worcester, Mass.
LeCount, Wm. G. (For Planer, Boring Mills, Drill Presses, Milling Machines, etc.), S Norwalk, Conn.
Lovejoy, T. H. ("Ball's Telescopic"), 90 Ohio, Chicago, Ill.
McCoy, Jos. F. Co., 157 Chambers, New York
McLagon Foundry Co., New Haven, Conn.
Millers Falls Co., Millers Falls, Mass., & 28 Warren, New York
Munnesville Plow Co., Munnesville, N. Y.
Newell, J. F. & Co., Gardiner, Me.
New London Vise Works, New London, Conn.
Niles-Bement-Pond Co., 136 Liberty, New York. Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Norton, A. O. (Ball Bearing Ratchet), 286 Congress, Boston, Mass.
Pearson Jack Co. (Pearson), 64 Federal, Boston, Mass.
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 27 Murray, N. Y.
Racine Steel & Iron Mfg. Co., Racine, Wis.
Riehle Bros. Testing Machine Co. ("Riehle-Robie" Ball Bearing), 1424 N 9th, Phila., Pa.
Rumsey & Co., Ltd. (Inc.) (Cast & Wrought Iron Jack Screws), Seneca Falls, N. Y.
Swett, A. L. Iron Works, Medina, N. Y.
Turner, Jno. T. ("Ball's" Telescopic), Lowell, Mass.
Urquhart's John S. Son Co., 46 Cortlandt, N. Y.
Watson-Stillman Co., 46 Dey, N. Y.

Jacks (Stone)

BARTH MFG. CO., Milwaukee, Wis. (See adv. index, end of book)
Brunner & Lay, 133 W Polk, Chicago, Ill.
Duff Mfg. Co. ("Barnett's"), 405 Marion av, Allegheny, Pa.
Harvey, H. H., 608 Atlantic av, Boston, Mass.
Joyce-Cridland Co., Dayton, O.
Kelly, L. J., Albany, N. Y.
Klemm, E. R., 103 W Monroe, Chicago, Ill.
Lincoln Iron Works (Geared Lifting), Rutland, Maynard, C. T. & Co., Fairhaven, Vt.
O'Leary, Arthur J. & Sons Co., 130 W Lake, Chicago, Ill.
Oliver Mfg. Co., Chicago, Ill.
Pelkey, W. H., Fair Haven, Vt.
Riehle Bros. Testing Machine, 1424 N 9th, Phila., Pa.

Jacks (Track)

BARTH MFG. CO., Milwaukee, Wis. (See adv. index, end of book)
Belleville Pump & Skein Works, Belleville, Ill.
Boyer-Radford Mfg. Co. (Lever & Ratchet Screw), Dayton, O.
BUDA FOUNDRY & MFG. CO., Railway, Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
Duff Mfg. Co. ("Barrett's"), 405 Marion av, Allegheny, Pa.
Elkhart Frog & Crossing Works, Elkhart, Ind.
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Henderer's, A. L. Sons, Wilmington, Del.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Joyce-Cridland Co., Dayton, O.
Justice, Philip S. & Co., 14 N 5th, Philadelphia, Pa.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Maxon-Miller Jack Co. ("Maxon-Miller" Lever), Huntington, W. Va.
Morden Frog & Crossing Works, The Rookery, Chicago, Ill.
Norton, A. O. (Sure Drop), 286 Congress, Boston, Mass.
Pettibone, Milliken & Co. ("Jenne"), 204 Dearborn, Chicago, Ill.
Pittsburg Tool & Drop Forge Co. ("Cheswick"). Arrott bldg, Pittsburg, Pa. Works, Cheswick, Pa.
Verona Tool Works, Murtland bldg, Pittsburg, Pa., & Verona, Pa.
Vicksburg Mfg. Co., Vicksburg, Mich.

Jacks (Traveling)

Joyce-Cridland Co., Dayton, O.
Turner, John T., Lowell, Mass.

Jacks (Wagon)

Arcade Mfg. Co., Freeport, Ill.
Barber Mfg. Co., Ashtabula, O.
BARTH MFG. CO. (Steel), Milwaukee, Wis. (See adv. index, end of book)
Boston & Lockport Block Co. ("Lockport"), Boston, Mass.
Boyer-Radford Mfg. Co. (Buggy), Dayton, O.
Buckeye Mfg. Co., Anderson, Ind.
Covert Mfg. Co. (Steel), Watervliet, N. Y.
Eureka Mower Co. (Steel & Malleable Iron), Utica, N. Y.
Jersey Brake Co. ("Searles" Automatic & Carriage, Newark, N. J.
Lane Bros. Co. (Steel, also Automatic), Poughkeepsie, N. Y.
Oliver Mfg. Co. ("Peerless" "Samson" "Oliver" Practical), Chicago, Ill.
Silver Mfg. Co. (Self Locking, Plain Screw), Salem, O.

Jail & Cell Work (Steel)

Adams, W. J., Joliet, Ill.
AMOS, CHARLES & CO., 94 W Larned, Detroit, Mich. (See adv. index, end of book)
Barnum, E. T., Wire & Iron Works (Steel Cells), Detroit, Mich.
Belmont Iron Works, 22d & Washn av, Phila., Pa.
CHAMPION IRON CO., Kenton, O. (See adv. index, end of book)
Crown Iron Works Co., 113 2d av, S E, Minneapolis, Minn.
Denver Iron & Wire Works Co., 1403 Market, Denver, Col.
Diebold Safe & Lock Co. (Steel Cells Only), Canton, O.
HALL'S SAFE CO., Main Office & Works, Spring Grove av, Cincinnati, O. (See adv. index, end of book)
Hanika, C. & Sons Iron Co., Celina, O.
HERRING-HALL-MARVIN SAFE CO., 400 B'way, N. Y. Works, Hamilton, O. (See adv. index, end of book)
National Prison & Vault Engineering Co. (Engineers, Contractors and Mfrs.), 921 F, N W, Washington, D. C.
Ohio Structural Iron Co., Sandusky, O.
Ornamental Iron & Wire Co. (Inc.), Portsmouth, Va.
Pauly Jail Building Co., 2115 DeKalb, St. Louis, Mo.
Phoenix Iron Works, Portland, Oreg.
Phoenix Steel Construction Co., 3d & Penn av, Pittsburg, Pa.
Pneumatic Safe Vault & Jail Co., Chattanooga, Tenn.
REMPPIS, WM. F. CO., Reading, Pa., & 331 Witherspoon bldg, Phila., Pa. (See adv. index, end of book)
Schreiber, L. & Sons Co., 8th & Eggleston av, Cincinnati, O.
SMITH, F. P., WIRE & IRON WORKS, 100 Lake, Chicago, Ill. (See adv. index, end of book)
Snead Arch'l Iron Works, Louisville, Ky.
Stewart Jail Works Co., 716 E 3d, Cincinnati, O.
Turner & Brownlie (Steel Cages), Des Moines, Ia.
Van Dorn Iron Works Co., 1793 E Madison, Cleveland
Western Iron Works, 123 Beale, San Francisco, Cal.
York Safe & Lock Co., York, Pa.

*Japan Oils.

ATLAS PAINT CO. (Ltd.), 2638 Liberty av, Pittsburg, Pa. (See adv. index, end of book)

Japans (Baking)

Akron Varnish Co., Akron, O.
American Enamel Co., Providence, R. I.
Chicago Varnish Co., Chicago, Ill.; Boston, Mass., & New York
FRENCH, SAMUEL H. & CO., 4th & Callowhill, Phila., Pa. (See adv. index, end of book)
Forest City Paint & Varnish Co., Cleveland, O.
Lucas, Jno. & Co., 322 Race, Phila., Pa.; 89 Maiden Lane, N. Y., & 59 W Jefferson, Chicago, Ill.
McLennan Paint Co., Ltd., 175-195 Rano, Buffalo, N. Y.
Moller & Schumann, B'way & Marcy av, Brooklyn, N. Y.
Sorby, P. V., 295 Greenpoint av, Brooklyn, N. Y.
Suydam, M. B. Co., 4th av & Wood, Pittsburg, Pa.
THOMSON WOOD FINISHING CO., 115 N 4th, Phila., Pa. (See adv. index, end of book)

Japans (Cold)

American Cold Japan Co. (For Roofs, Bridges, Stacks, etc.), 2302 Penn av, Pittsburg, Pa.

Jars (Battery)

(See Battery Jars.)

Jars (Fruit)

Ball Bros. Glass Mfg. Co., Muncie, Ind.
Clyde Glass Works, Clyde, N. Y.
Flaccus, C. L. Glass Co., Pittsburg, Pa.
Hazel-Atlas Glass Co., Wheeling, W. Va.
Hemingray Glass Co., Covington, Ky.
Hero Fruit Jar Co. ("Boyd's" Porcelain Lined "Mason" "Gem" & "Hero"), Gaul & Adams, Phila., Pa.
Illinois Pacific Glass Co., San Francisco, Cal.
Marion Fruit Jar & Bottle Co., Marion, Ind.

Jars (Glass, Canning & Preserving)

Safe Glass Co. (Vaccuun & Pressure Jars), Upland, Ind.

Jigs (Coal)

Stroh, W. H. (estate of), Mauch Chunk, Pa.
Tamaqua Mfg. Co. ("Christ" Patent), Tamaqua, Pa.
Wallace, Samuel, White Haven, Pa.

Jigs (For Concentrating Mills)

Power & Mining Machinery Co. (Colton Hart), 52 William, N. Y. Works, Cudahy, Wis.

Jim-Crows.

ANDERSON, W. H. & SONS. Detroit. Mich. (See adv. index, end of book)
Union Drop Forge Co., 66 E Ohio, Chicago, Ill.

Jointers (Pipe)

Watkins, Thos. ("Watkins" Lead Pipe Jointer), Johnstown, Pa.

Jointers (Stave)

Strait, H. N. (Wheel, Barrel & Keg), Kansas City, Mo.

Joints (Ball)

American District Steam Co., Lockport, N. Y.
Boston Gear Works, 152 Purchase, Boston, Mass.
Gray & Prior Machine Co., 302 Asylum, Hartford, Conn.
Poole Engineering & Machine Co., Baltimore, Md.
Western Tube Co., Kewanee, Ill.

Joints (Expansion)

American District Steam Co. (Iron Body for Underground or Inside Work), Lockport, N. Y.
Bardo, L. J. Co. (Inc.) (Swing Joints), 12th & Thompson, Phila., Pa.
Belfield, H. & Co. (Iron & Brass), 435 N Broad, Phila.. Pa.
Central Brass Works, 322 W Pearl, Cincinnati, O.
Coffin Valve Co. (for Pipe Mains), Neponset, Boston, Mass.
Coldwell-Wilcox Co., Newburg, N. Y.
CRANE CO., Est. 1855; Chicago, New York, Philadelphia, St. Louis, Kansas City, Mo.; Sioux City, Omaha, Los Angeles, San Francisco, Portland, Oregon; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Draper Mfg. Co. ("Draper" Ball Union), Port Huron, Mich.
Eastwood Wire Mfg. Co., Belleville, N. J.
Eaton, Cole & Burnham Co., 253 B'way, N. Y.
Edwardsville Brass Co., Edwardsville, Ill.
Haydenville Co., Haydenville, Mass., & 150 Nassau, N. Y.
Holmes, A. L., Grand Rapids, Mich.
Jarecki Mfg. Co., Erie, Pa., & Pittsburg, Pa.
LUNKENHEIMER CO., General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, N. Y., & 35 Great Dover St., London, S. E., England. (See adv. index, end of book)
McNab & Harlin Mfg. Co., 56 John, New York
Powell, Wm. Co., 2525 Spg Grove av, Cincinnati, O.
Queen City Brass & Iron Works (Brass, etc.), Cincinnati, O.
Reliance Engineering Co., Duluth, Minn.
Swadkins, W. F. (Double, with Brass Sleeves), 143 Fulton, Chicago, Ill.
Taunton Locomotive Mfg. Co. ("Wainwright"), (From 14 to 42 Diam.), Taunton, Mass.
Thompson, J. & Co., Van Horn & Sophia, Phila., Pa.
Underwood, H. B. & Co., 1025 Hamilton, Phila., Pa.
Walworth Mfg. Co., 132 Federal, Boston, Mass.
Western Tube Co., Kewanee, Ill.

Joints (Filtering)

Lee, Thomas (for Obtaining Pure Cistern Water), Cincinnati, O.

Joints (Flanged, Angle, Etc.)

American District Steam Co., Lockport, N. Y.

Joints (Flexible)

Clow, Jas. B. & Sons (Ball Joints), 344 Franklin, Chicago, Ill.
Coldwell-Wilcox Co., Newburgh, N. Y.
Draper Mfg. Co. ("Draper" Ball Union), Port Huron, Mich.
Drummond, M. J. & Co. (Pipe), 182 B'way, N. Y.
Holland Co. ("Martin"), 77 Jackson boul, Chicago, Ill.
Holmes, A. L. (For Water, Gas & Compressed Air, Pipe, etc.), Grand Rapids, Mich.
Moran Flexible Steam Joint Co. (For Steam, Air or Liquid all metal), Louisville, Ky.
Shields Flexible Joint Co., Fisher bldg, Chicago
SULLIVAN MACHINERY CO. (For Rock Drills & Channelers), 7 Jackson boul, Chicago, Ill. (See adv. index, end of book)
Walker Mfg. Co. (Pipe or Ball Joints), Fenton, Mich.

Joints (Insulating)

Chicago Gas & Electric Fixture Mfg. Co., 19 S Jefferson, Chicago, Ill.
Flagg, Stanley G. & Co., 19th & Penn av, Phila., Pa.
Gleason, E. P. Mfg. Co., 20 W Houston, N. Y.
Macallen, W. T. C. Co., 338 Congress, Boston, Mass.

Joints (Ladder)

Brewer Bros. (Wrought), 614 Filbert, Phila., Pa.

Joints (Splice)

(See Bars, Splice.)

Joints (Step Ladder)

STANLEY WORKS (Wrought Steel), New Britain, Conn., & 79 Chambers, New York. (See adv. index, end of book)

Joints (Sucker Rod)

Columbus Forge & Iron Co., Columbus, O.

Joints (Swing)

Eastwood Wire Mfg. Co., Belleville, N. J.

Joints (Universal)

Baush Machine Tool Co. (The Bocorselski), Springfield, Mass.
Boston Gear Works, Boston, Mass.
Gem Mfg. Co. ("Gem"), Pittsburg, Pa.
Gould & Eberhardt, Newark, N. J.
Gray & Prior Machine Co., Hartford, Conn.

Joist Anchor & Timber Caps

AMOS, CHARLES & CO., 94 W Larned, Detroit, Mich. (See adv. index, end of book)
CHAMPION IRON CO., Kenton, O. (See adv. index, end of book)
Goetz Box Anchor Co., New Albany, Ind.
Lanz, M. & Sons (Steel), Pittsburg, Pa.
Van Dorn Iron Works Co., 1793 E Madison av, Cleveland, O.

Joist Hangers

(See Hangers, Joist.)

Journal Boxes

(See Boxes, Journal)

Joveite Explosives

Explosives Co., Elmira, N. Y.

Junction or Outlet Boxes

(See Boxes or Outlets, Junction)

Kalameined Iron Covered Work

(See Doors & Windows, Kalameined Iron Covered.)

Kalsomine Mfrs.

Bird, J. A. & W. Co. (Petrol), 34 India, Boston, Mass., & 43 Cedar, New York
Connors, Wm. Paint Mfg. Co., Troy, N. Y.
Fire Resisting Paint Co. (Fire Resisting, "Calcimine"), West Bridgewater, Pa.
Hainbach, Bernand, 19 Calender, Providence, R. I.
Hook-Hardie Co. ("Hook's XX" Calcimine), Hudson, Mich.
Hygienic Kalsomine Co., 154 W Van Buren, Chicago, Ill.
JOHNTON, HENRY M. MFG. CO., 60 Wash'n av, Brooklyn, N. Y. (See adv. index, end of book)
Lucas, Jno. & Co., 4th & Race, Phila., Pa.
Muralo Co., New Brighton, Borough of Richmond, N. Y. City
Phillips, Jno. B., 80 9th, Brooklyn, N. Y.
Troy Cold Water Kalsomine Co. ("Klark's" Cold Water), Troy, N. Y.
Water Paint Co. of America, 11 Pine, N. Y.
WHITTAKER, W. H., 245 Front, New York

Kaolin Mfrs.

American Kaolin Co., Leesburg, Fla.
Bloomfield Clay Co., Metuchen, N. J.
Edgar Plastic Kaolin Co., Metuchen, N. J.
Graham Kaolin Co., Avondale, Pa.
Hockessian Kaolin Co., Wilmington, Del., & Hockessian, Del.
Immaculate Kaolin Co., Langley, S. C.
Kaolin Mfg. Co., Waynesville, N. C.
KREISCHER BRICK MFG. CO., 119 E 23d, New York. Works, Kreischerville, S. I., N. Y. (See adv. index, end of book)
Lamar, T. G. Kaolin Co., Langley, S. C.
Langley, T. G., Langley, S. C.
Palattakaha Kaolin Co., Leesburg, Fla.
Peerless Clay Co., Langley, S. C.
Welsh Mountain Mining & Kaolin Mfg. Co., Honeybrook, Pa.

Keg Mfrs.

Bell, Edwin Co. (Nail, Spike, Horseshoe, Nut, etc.), Pittsburg Pa.
Bridge, A. D. (Powder), Hazardville, Conn.
Brooklyn Cooperage Co. (Nail, etc.), 142 Kent av, Brooklyn, N. Y.
Budke Mfg. Co. (Steel Powder), 421 Wood, Pittsburg, Pa.
Greif Bros. Co. (Nail, Bolt, etc.), Cleveland, O.
Impervious Package Co. (Nail, etc.), Keene, N. H.
Ohio Cooperage Co. (Nail, Bolt, etc.), Cleveland, O.
Schwarzwalder, J. & Son (Nail, etc.), 629 W 51st, N. Y.
Walsh Mfg. Co., Huntington, Pa.

Kegs (Steel Shop)

Clark, W. J. Co., Salem, O.
Cleveland Wire Spring Co., Cleveland, O.

Kettles (Acid)

Cornell, J. B. & J. M. Co., 26th & 11th av, New York

Kettles (Aluminum Steam Jacketed)

Illinois Pure Aluminum Co., Lemont, Ill.

Kettles (Aniline)

Townsend Foundry & Machine Shop Co., Albany, N. Y.

Kettles (Caustic Soda)

Eastwood Wire Mfg. Co., Belleville, N. J.

Kettles (Galvanizing)

Girard Boiler & Mfg. Co., Girard, O.
Reeves Bros. Co. (Riveted & Welded), Alliance, O.
Wilfong Bros., 52d & P. W. & B. R. R., Phila., Pa.

Kettles (Glue Cooking)

Hobbs Mfg. Co., Worcester, Mass.

Kettles (Size)

Cohoes Iron Foundry & Machine Co., Cohoes, N. Y.
Franklin Machine Co., Providence, R. I.
Tompkins, D. A. Co. (Mfrs.), Charlotte, N. C.
Townsend Fdy. & Machine Shop Co. (Aniline), Albany. N. Y.

Kettles (Smelting)

Eastwood Wire Mfg. Co., Belleville, N. J.

Kettles (Soda, Tool Cleaning)

Brown & Sharpe Mfg. Co., Providence, R. I.

Kettles (Steam Jacket)

BADGER, E. B. & SONS CO., 63 Pitts, Boston, Mass. (See adv. index, end of book)
Baker, G. W. & Co. (and Mixers for Tanners & Currierss), Wilmington, Del.
Blymyer Iron Works Co., Cincinnati, O.
Braman, Dow & Co., 239 Causeway, Boston, Mass.
Brewer, Wm. W., 2787 6th av, Troy, N. Y.
Clark, Geo. Engine & Boiler Co., Kalamazoo, Mich.
Day, J. H. Co., 1144 Harrison av, Cincinnati, O. & 76 Park pl, N. Y.
Dopp, H. W. & Son, 522 Ellicott, Buffalo, N. Y.
Freeman, S. & Sons Mfg. Co., Racine, Wis.
Harris, Geo. P. & Bro., 64 W Lake, Chicago
Houchin & Huber, 35 53d, Brooklyn, N. Y.
Jochum, Andrew (Copper Jacketed), 148 E 50th, N. Y.
Langsenkamp, Wm., Indianapolis, Ind.
Littleford Bros., 453 E Pearl, Cinn., O.
McElroy Iron Works Co., Keokuk, Iowa
Maryland Mfg. & Construction Co., Baltimore, Md.
Mott, J. L. Iron Works, 88 Beekman, N. Y.
Motter, Geo. F. & Sons, York, Pa.
Murray Iron Works Co., Burlington, Ia.
PETROLEUM IRON WORKS CO., Washington, Pa., & Farmers' Bank bldg, Pittsburg, Pa. (See adv. index, end of book)
Pioneer Iron Works, 140 Pioneer, Brooklyn, N. Y.
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)
Savage Bros. Co. (Candy Makers), 42 Michigan, Chicago, Ill.
Smith's Jno. E. Sons Co. (For Tanners), Buffalo, N. Y.
Smith & Anthony Co., Boston, Mass.
Sperry, D. R. & Co., Batavia, Ill.
SPRAGUE CANNING MACHINERY CO. (For Canners), 42 River, Chicago, Ill. (See adv. index, end of book)
Stuart & Peterson Co., Burlington, N. J.
Walker, Pratt Mfg. Co., 33 Union, Boston, Mass.
Walworth Mfg. Co., 132 Federal, Boston, Mass.

Kettles (Sugar)

Blymyer Iron Works Co., Cincinnati, O.
Chattanooga Plow Co., Chattanooga, Tenn.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Over, Ewald, 426 S Penn, Indianapolis, Ind.
Southern Plow Co., Columbus, Ga.

Kettles (Tar)

Campbell, Wm. & Co., Cambridge, Mass.
EVANS, F. H. CO., 596 Kent av, Brooklyn, N. Y. (See adv. index, end of book)
Hibbs, D. A., 209 Quarry, Phila., Pa.
Honhost, Jas. & Co., 525 E Pearl, Cincinnati, O.
Littleford Bros., 453 E Pearl, Cincinnati, O.
Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.
Pollock, Alex. Co., 203 West, N. Y.
Reeves Bros. Co., Alliance, O.
Riter-Conley Mfg. Co., Pittsburg, Pa., & 39 Cortlandt, N. Y.
Wright, Stafford, Lawrence, Mass.

Key Seaters

(See Machines, Key-Seating.)

Keys (Brake Shoe)

Steel Car Forge Co. (Iron or Steel for Christie Heads), Pittsburg, Pa. Works, Elwood City, Pa.

Keys (Gas Valve)

Ohio Pump & Brass Co., Columbus, O.

Keys (Machine)

Billings & Spencer Co., Hartford, Conn.
Henry & Allen, Auburn, N. Y.
Hoopes & Townsend Co., 1330 Buttonwood, Phila., Pa.
Keystone Drop Forge Works (Shafting, etc.), Chester, Pa.
Meyer & Co. (Gib Head), Auburn, N. Y.
Morton Mfg. Co. (Finished Ready to Drive),
Olney & Warrin (Finished Gib & Plain Head), 35 Dey, N. Y.
Sandwich Mfg. Co., Sandwich, Ill.
STANDARD GAUGE STEEL CO. (Finished Steel), Beaver Falls, Pa. (See adv. below)
WHITMAN & BARNES MFG. CO., West Pullman, Chicago; Akron, O., & 111 Chambers, N. Y. (See adv. index, end of book)
Whitney Mfg. Co., Hartford, Conn.

Keys (Riveted)

Brooks, M. S. & Sons (Flat), Chester, Conn.
Climax Tag Co. (Flat), Dayton, O.
Haskell, W. H. Mfg. Co., Pawtucket, R. I.
WHITMAN & BARNES MFG. CO. (Flat), West Pullman, Chicago; Akron, O., & 111 Chambers, N. Y. (See adv. index, end of book)

Keys (Street Washer)

Western Tube Co., Kewanee, Ill.

Keys & Cotters

(See Cotters & Keys.)

Kiln Drying Apparatus Mfrs.

American Blower Co., 1400 Russell, Detroit, Mich.
ANDREWS & JOHNSON CO., 256 Wash'n boul, Chicago, Ill. (See adv index, end of book)
Boston Blower Co., Hyde Park, Mass.
Buffalo Forge Co., Buffalo, N. Y.
Cummer, F. D. & Son Co., The Arcade, Cleveland, O.
Garden City Fan Co., 42 S Clinton, Chicago, Ill.
Hartford Blower Co., Hartford, Conn.
Howard & Morse, 45 Fulton, New York
NATIONAL BLOWER WORKS, 17th & St. Paul av, Milwaukee, Wis. (See adv. index, end of book)
STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston, Mass; 131 Liberty, New York; 135 N 3d, Phila., Pa.; 281 S Cinton, Chicago, Ill., & 147 Queen Victoria st, London, Eng. (See adv. index, end of book)

Kilns (Dry)

(See also Dryers Brick)

American Blower Co., 1400 Russell, Detroit, Mich.
Andrews, A. H. Co. (Lumber Dry Kilns), 174 Wabash av, Chicago, Ill.
ANDREWS & JOHNSON CO., 256 Wash'n boul, Chicago, Ill. (See adv index, end of book)
Bayley, Wm. & Sons Co., 732 Greenbush, Milwaukee, Wis.
Boston Blower Co., Hyde Park, Mass.
Buffalo Forge Co., Buffalo, N. Y.
Carnell, George (Est. of), 1819 N 5th, Phila., Pa.
Cummer, F. D. & Son Co., "The Arcade," Cleveland, O.
Dennis, F. W. (Down Droft Brick, etc.), Atlanta, Ga.
Emerson Co. (Automatic Compressed Driers), Fidelity bldg, Baltimore, Md.
Eudaly, W. A. (Down Draft Brick, etc.), Cincinnati, O.
Garden City Fan Co. (Hot Blast), 42 S Clinton, Chicago, Ill.
Haight, H. (Continuous Brick, etc.), Catskill, N. Y.
Hartford Blower Co., Hartford, Conn.
Howard & Morse, 45 Fulton, N. Y.
Koven, L. O. & Bro., 50 Cliff, New York
Krom Machine Works, 10 Essex, Jersey City, N. J.
Link, E. M. Machinery Co., Erie, Pa.
Martin Machine Co., Meridian, Miss.
Milner & Kettig Co., Birmingham, Ala.
NATIONAL BLOWER WORKS, 17th & St. Paul, Milwaukee, Wis. (See adv index, end of book)
National Dry Kiln Co., Indianapolis, Ind.
New York Blower Co., Bucyrus, O.
Platt Triple Draft Kiln Co. (Brick, Tile, etc.), Van Meter, Ia.
Richardson, Willard D. (Brick, etc.), Columbus, O.
Ridgway Mfg. Co. ("Murphy" Moist Air Condensing), Ridgway, Pa.
Sharer Dryer & Kiln Co. (Brick, etc.), 914 Walnut, Phila., Pa.
Standard Dry Kiln Co., Indianapolis, Ind.
STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 131 Liberty, New York; 135 N 3d, Phila., Pa.; 281 S Clinton, Chicago, Ill., & 147 Queen Victoria st, London, England. (See adv. index, end of book)
Sweatt, J. B., Sault Ste Marie, Mich.
Yates, Alfred (Brick, etc.), Johnsonburg, Pa.
Youngren, P. L. (Continuous Brick), Milwaukee, Wis.

Kilns (Lime, Burning)

Broomell, Schmidt & Steacy Co. ("Keystone" Continuous), York, Pa.
PETROLEUM IRON WORKS CO., Washington, Pa., Farmers' Bank bldg, Pittsburg, Pa. (See adv. index, end of book)

Kilns (Roasting)

(See Kilns, Rotary.)

Kilns (Rotary)

Allis-Chalmers Co., office New York Life bldg, Chicago. Works, Chicago, Wilwaukee & Scranton, Pa.
Bethlehem Foundry & Machine Co., South Bethlehem, Pa.
Bonnot Co., Canton, O.
McDermott Bros., Allentown, Pa.
Mosser, W. F. & Son, Allentown, Pa.
Reeves Bros. Co. (Any Size), Alliance, O.
Variety Iron Works Co., Cleveland, O.
Vulcan Iron Works, Wilkesbarre, Pittston & Tamaqua, Pa.

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(See Cooking Apparatus.)

Knives (Agricultural)

COES, LORING & CO. (INC.), Worcester, Mass. (See insert opp. next page)

Knives (Apple Grinder)

COES, LORING & CO. (INC.), Worcester, Mass. (See insert opp. next page)

Knives (Banana)

Harrington Cutlery Co. (Dexter), Southbridge, Mass.

Knives (Band Cutter & Self Feeder)

American Knife Co., Baldwinsville, N. Y.
COES, LORING & CO. (INC.), Worcester, Mass. (See insert opp. next page)
Meyer & Co., Auburn, N. Y.

Knives (Bark Grinder)

COES, LORING & CO. (INC.), Worcester, Mass. (See insert opp. next page)

Knives (Barrel Machine)

COES, LORING & CO. (INC.), Worcester, Mass. (See insert opp. next page)
Worden Tool Co., 66 Columbus, Cleveland, O.

Knives (Bean & Corn Harvester)

American Knife Co., Baldwinsville, N. Y.
COES, LORING & CO. (INC.), Worcester, Mass. (See insert opp. next page)
Henry & Allen, Auburn, N. Y.

Knives (Bone Cutter)

American Knife Co., Baldwinsville, N. Y.
COES, LORING & CO. (INC.), Worcester, Mass. (See insert opp. next page)

Knives (Bookbinder)

COES, LORING & CO. (INC.), Worcester, Mass. (See insert opp. next page)

Knives (Box Corner Cutter)

COES, LORING & CO. (INC.), Worcester, Mass. (See insert opp. next page)

Knives (Bread)

Harrington Cutlery Co. (Dexter), Southbridge, Mass.
Landers, Frary & Clark, New Britain, Conn.

Knives (Broom Corn)

Harrington Cutlery Co. ("Dexter"), Southbridge, Mass.

Knives (Butchers')

American Cutlery Co., 193 Mather, Chicago, Ill.
American Knife Co., Baldwinsville, N. Y.
Clyde Cutlery Co., Clyde, O.
Foster Bros. & Chatillon Co., Fulton, N. Y.
Kimball, C. J. Co., Bennington, N. H.
Harrington Cutlery Co., ("Dexter"), Southbridge, Mass.
Landers, Frary & Clark, New Britain, Conn.
Mack & Co., Rochester, N. Y.

Knives (Cane)

COES, LORING & CO. (INC.), Worcester, Mass. (See insert opp. next page)

Knives (Cheese)

COES, LORING & CO. (INC.), Worcester, Mass. (See insert opp. next page)
Harrington Cutlery Co. (For Family Use), Southbridge, Mass.
Landers, Frary & Clark, New Britain, Conn.

Knives (Chipper)

COES, LORING & CO. (INC.), Worcester, Mass. (See insert opp. next page)
Stortz, Jno. & Son, 210 Vine, Phila., Pa.

Knives (Chopping)

Dover Stamping & Mfg. Co. (For Family Use), Cambridge, Mass.
Parks & Parks ("Or Mincing"), Troy, N. Y.

Knives (Cigar)

American Cutlery Co., 193 Mather, Chicago, Ill.
Harrington Cutlery Co. ("Dexter"), Southbridge, Mass.
Landers, Frary & Clark, New Britain, Conn.
National Selling Co., Allentown, Pa.

Knives (Clover Huller)

COES, LORING & CO. (INC.), Worcester, Mass. (See insert opp. next page)

Knives (Cooperage)

COES, LORING & CO. (INC.), Worcester, Mass. (See insert opp. next page)

Knives (Cope Cutter)

COES, LORING & CO. (INC.), Worcester, Mass. (See insert opp. next page)

Knives (Cord Wood Splitter)

COES, LORING & CO. (INC.), Worcester, Mass. (See insert opp. next page)

Knives (Cork)

COES, LORING & CO. (INC.), Worcester, Mass. (See insert opp. next page)
Harrington Cutlery Co. ("Dexter"), Southbridge, Mass.
Oldham, Joshua & Sons (Inc.), 112 26th, Brooklyn, N. Y.

Knives (Corn)

Ameriean Knife Co., Baldwinsville, N. Y.
Cleveland Lock Co., Cleveland, O.

Knives (Cotton Seed Huller)

COES, LORING & CO. (INC.), Worcester, Mass. (See insert opp. next page)

Knives (Cotton Shear)

COES, LORING & CO. (INC.), Worcester, Mass. (See insert opp. next page)

Knives (Dehorner)

Ameriean Knife Co., Baldwinsville, N. Y.
COES, LORING & CO. (INC.), Worcester, Mass. (See insert opp. next page)

Knives (Dirk)

Novelty Cutlery Co., Canton, O.

Knives (Double Edge)

COES, LORING & CO. (INC.), Worcester, Mass. (See insert opp. next page)

Knives (Dowel)

COES, LORING & CO. (INC.), Worcester, Mass. (See insert opp. next page)

Knives (Drawing)

Bradley's, G. W. Sons, Westport, Conn.
Kimball, C. J. Co. (Cast Steel), Bennington, N. H.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Ohio Tool Co., Columbus, O.
Peck-Stow & Wilcox Co., Southington, Conn.
Simonds, Mfg. Co., Fitchburg, Mass.
Swan, Jas. Co., Seymour, Conn.
Wilkinson, A. J. & Co. (Folding & Adjustable Handle), 180 Wash'n, Boston, Mass.
Winsted Edge Tool Co., Winsted, Conn.

Knives (Ensilage)

Ameriean Knife Co., Baldwinsville, N. Y.
COES, LORING & CO. (INC.), Worcester, Mass. (See insert opp. next page)
Henry & Allen, Auburn, N. Y.

Knives (Excelsior)

COES, LORING & CO. (INC.), Worcester, Mass. (See insert opp. next page)

Knives (Fur Cutter)

COES, LORING & CO. (INC.), Worcester, Mass. (See insert opp. next page)

Knives (Gaining Cutter)

COES, LORING & CO. (INC.), Worcester, Mass. (See insert opp. next page)

Knives (Grape Pruner)

Harrington Cutlery Co. ("Dexter"), Southbridge, Mass.

Knives (Grinders')

Mitts & Merrell, Saginaw, Mich.

Knives (Gauge Lathe)

COES, LORING & CO. (INC.), Worcester, Mass. (See insert opp. next page)

Knives (Handle)

COES, LORING & CO. (INC.), Worcester, Mass. (See insert opp. next page)

Knives (Hay & Corn Cutter)

Ameriean Axe & Tool Co., Glassport, Pa., & 253 B'way, New York
American Knife Co., Baldwinsville, N. Y.
Bateman Mfg. Co. (The Eureka), Greenloch, N. J.
Clark & Parsons Co., E Wilton, Me.
COES, LORING & CO. (INC.), Worcester, Mass. (See insert opp. next page)

Hankey, A. & Co., Rochdale, Mass., & 2235 Vine, Phila., Pa.
Henry & Allen, Auburn, N. Y.
Iwan Bros. (Both Handles Adjustable), Streator, Ill.
National Saw Co. (Corn), Newark, N. J., & Middletown, N. Y.
Ney Mfg. Co. ("American" Sickle Edge), Canton, O.
North Wayne Tool Co. (the C. C. Brooks & H. S. Earle), Hallowell, Me.
Wallingford Mfg. Co., Wallingford, Vt.
Winsted Mfg. Co., Winsted, Conn.

Knives (Header)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opposite)

Knives (Hedge & Root)

Evansville Tool Works (Axle Handle), Evansville, Ind.

Knives (Heel Breaster)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opposite)

Knives (Hoop)

Cleveland Machine Knife Co., 5 West, Cleveland, O.

Knives (Hoop Machine)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opposite)
Worden Tool Co., 66 Columbus, Cleveland, O.

Knives (Hunting)

Humason & Beckley Mfg. Co., New Britain, Conn.

Knives (Jointer)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opposite)
Hankey, A. & Co., Rochdale, Mass., & 2235 Vine, Phila., Pa.

Knives (Kitchen)

Clyde Cutlery Co., Clyde, O.
Dover Stamping & Mfg. Co., Cambridge, Mass.
Harrington Cutlery Co., ("Dexter"), Southbridge, Mass.

Knives (Lawn Mower)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opposite)
Harrow Spring Co., Kalamazoo, Mich.

Knives (Leather Cutting)

Cleveland Machine Knife Co., 5 West, Cleveland, O.

Knives (Leather Splitting)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opposite)
Hankey, A. & Co., Rochdale, Mass., & 2235 Vine, Phila., Pa.
Mack & Co., Rochester, N. Y.

Knives (Linotype)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opposite)

Knives (Listing Jointer)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opposite)

Knives (Lithograph Stone)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opposite)

Knives (Logwood)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opposite)

Knives (Machine)

American Knife Co., Baldwinsville, N. Y.
Anderson Knife & Bar Co., Anderson, Ind.
Atkins, E. C. & Co., Indianapolis, Ind.
California Saw Works, San Francisco, Cal.
Chattanooga Saw Works, Chattanooga, Tenn.
COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opposite)
Curtis & Co. Mfg. Co., 2201 Wash'n av, St. Louis, Mo.
Davis, E. & Sons, Fitchburg, Mass.
Detroit Edge Tool Works, Detroit, Mich.
Disston, Henry & Sons (Inc.), Tacony, Phila., Pa
Dowd, R. J., Beloit, Wis.
Emerson, Smith & Co. (Ltd.), Beaver Falls, Pa.
Flagg, Joshua G. & Son (Leather Splitting, etc.), Dover, N. H.
Foster Bros. & Chatillon Co., Fulton, N. Y.
Foucart, J. E., Williamsport, Pa.
Fowle Bros. & Co., Woburn, Mass.
FOX MACHINE CO., 127 N Front, Grand Rapids, Mich. (See adv. index, end of book)
Gregg, M. & Son, Rochester, N. Y.
Grover, Jno. B. File Co., Nashua, N. H.
Hankey, A. & Co., Rochdale, Mass., & 2235 Vine, Phila., Pa.
Hardisty & Co., Cincinnati, O.
Hardy, L. Co., Worcester, Mass.
Henry & Allen, Auburn, N. Y.
Holyoke Bar Co., Holyoke, Mass.
Horne, J. H. & Sons Co. (Planing, etc.), Lawrence, Mass.
Lancaster Machine & Knife Works, Lancaster, Pa.
Lanterman & Hague, 179 S Clinton, Chicago
Lovejoy, D. & Son, 1 Cushing, Lowell, Mass.
Loyd, John Co., 558 Water, New York
McNiece, Wm. & Son, 515 Cherry, Phila., Pa.
Mack & Co., Rochester, N. Y.
Mitts & Merrell, Saginaw, Mich.
Moss & Graham, 224 Centre, New York
Munson Co., Grand Rapids, Mich.
National Saw Co., Newark, N. J.
Ohio Knife Co., Cincinnati, O.
Oldham, Joshua & Sons, 114 26th, Brooklyn, N.Y.
Otis Tool Co., Columbus, O.
Pittsburg Shear, Knife & Machine Co., 47th & av R R, Pittsburg, Pa.
Port Huron Saw Co. (Ltd.), Port Huron, Mich.
Rowe & Trummel, 123 W 2d, Cincinnati, O.
Sandusky Tool Co. (Planer, etc.), Sandusky, O.
Simonds, A. A. & Son, Dayton, O.
Simonds Mfg. Co., Fitchburg, Mass.; 107 Liberty, New York; Chicago, New Orleans, La.; San Francisco, Cal.; Portland, Ore., & Seattle, Wash.
Simonds Saw Co., 33 Market, San Francisco, Cal.
Snell & Atherton, Brockton, Mass.
Southern Saw Works, Atlanta, Ga.
Stiles, Taylor & Co., Riegelsville, N. J.
Stortz, Jno. & Son, 210 Vine, Philadelphia, Pa.
Stubbs, Simeon K., 32 Kemble, Boston, Mass.
Taylor Bros. Co., Fulton, N. Y.
Thomson, W. S., 418 W 27th, New York
Toland & Son, Baltimore, Md.
Toledo Saw Co., Toledo, O.
White, L. & I. J. Co., Buffalo, N. Y.
Willott, J. & Sons, Manitowoc, Wis.
Worden Tool Co., 66 Columbus, Cleveland, O.

Knives (Machine, General)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opposite)

Knives (Machine, Wood Working)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opposite)
Foster Bros. & Chatillon Co., Fulton, New York

Knives (Marble Cutter Bit)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opposite)

Knives (Matcher)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opposite)
Hankey, A. & Co., Rochdale, Mass.

Knives (Meat Slicer)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opposite)

Knives (Metal Shear)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opposite)

Knives (Mincing)

Landers, Frary & Clark, New Britain, Conn.

Knives (Miter)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opposite)

Knives (Moulding Machine)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opposite)
Foucart, J. E., Williamsport, Pa.
Hankey, A. & Co., Rochdale, Mass.
Mack & Co., Rochester, N. Y.
Worden Tool Co., 66 Columbus, Cleveland, O.

Knives (Mower & Reaper)

Henry & Allen, Auburn, N. Y.
Hersehel, R. Mfg. Co., Peoria, Ill.
WHITMAN & BARNES MFG. CO., Akron, O.; Chicago, Ill.; 111 Chambers, N. Y., & Syracuse, N. Y. (See adv. index, end of book)

Knives (Oil Cloth)

Harrington Cutlery Co. ("Dexter"), Southbridge, Mass.

Knives (Overlay)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opposite)

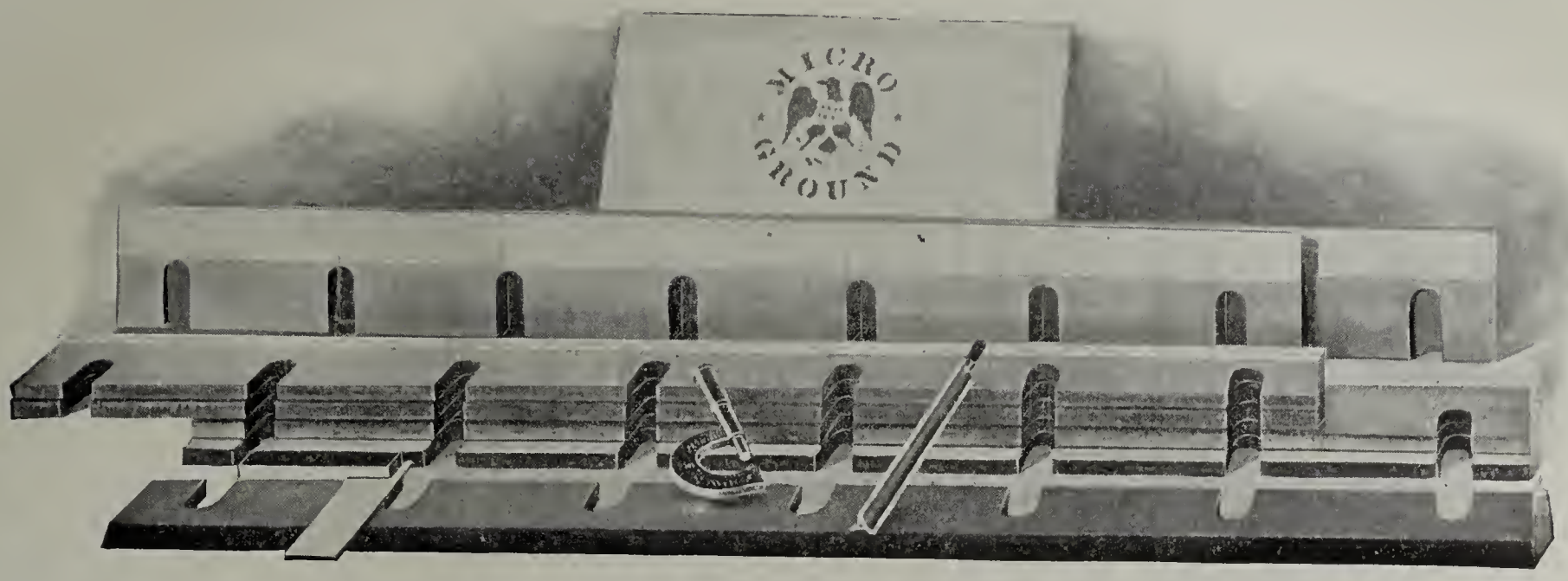
Knives (Oyster & Clam)

Carver Tool Works (Carver's), Spring Valley, N. Y.
Foster Bros. & Chatillon Co., Fulton, N. Y.
Harrington Cutlery Co. ("Dexter"), Southbridge, Mass.
Landers, Frary & Clark, New Britain, Conn.
Matthews, George, Mansfield, Mass.

Knives (Panel Raising)

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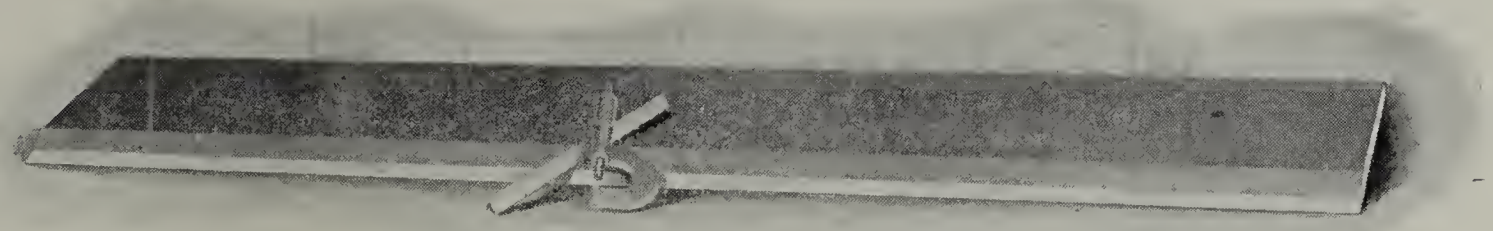


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Cleveland Machine Knife Co., 5 West, Cleveland, O.
COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opp. preceding page)
Foster Bros. & Chatillion Co., Fulton, New York
Mack & Co., Rochester, N. Y.

Knives (Paper Box Machine)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opp. preceding page)

Knives (Paper Cutter)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opp. preceding page)
Hankey, A. & Co., Rochdale, Mass., & 2235 Vine, Phila., Pa.
Lancaster Machine & Knife Works, Lancaster, N. Y.

Knives (Paper Hangers')

American Cutlery Co., 193 Mather, Chicago, Ill.
Clyde Cutlery Co., Clyde, O.
Harrington Cutlery Co. ("Dexter"), Southbridge, Mass.
Kimball, C. J. Co., Bennington, N. H.
Landers, Frary & Clark, New Britain, Conn.
Northampton Cutlery Co., Northampton, Mass.
Stortz, Jno. & Son, 210 Vine, Phila., Pa.

Knives (Paring)

Edmonds-Metzel Mfg. Co. ("Perpetual"), 155 S Jeffer'n, Chicago, Ill.

Knives (Planer)

AMERICAN KNIFE CO., Baldwinsville, N. Y.
COES, LORING & CO. (INC.), Worcester, Mass. (See adv. inscrt opp. preceding page)
Donaldson Bros., Rock Island, Ill.
Hankey, A. & Co., Rochdale, Mass., & 2235 Vine, Phila., Pa.
Lancaster Machine & Knife Works, Lancaster, N. Y.
Mack & Co., Rochester, N. Y.
Sandusky Tool Co., Sandusky, O.
Simonds, A. A. & Son, Dayton, O.
Simonds Mfg. Co., Fitchburg, Mass.
Worden Tool Co., 66 Columbus, Cleveland, O.

Knives (Plush)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opposite)

Knives (Putty)

American Cutlery Co., 193 Mather, Chicago, Ill.
Bonney Vise & Tool Works (Inc.), 3015 Chestnut, Phila., Pa.
Bridgeport Hardware Mfg. Co., Bridgeport, Conn.
Goodell Co., Antrim, N. H.
Harrington Cutlery Co. ("Dexter"), Southbridge, Mass.
Kimball, C. J. Co., Bennington, N. H.
Landers, Frary & Clark, New Britain, Conn.
Meriden Cutlery Co., Meriden, Conn.
Northampton Cutlery Co., Northampton, Mass.
Springfield Machine Screw Co. ("Diamond"), Springfield, Mass.
Stortz, John & Son, 210 Vine, Phila., Pa.

Knives (Rag Cutter)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opp. preceding page)
Hankey, A. & Co., Rochdale, Mass., & 2235 Vine, Phila., Pa.
Simonds Mfg. Co., Fitchburg, Mass.

Knives (Rand)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opp. preceding page)

Knives (Rattan)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opp. preceding page)

Knives (Roll Scraper)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opp. preceding page)

Knives (Rotary Slitting)

Blake & Johnson, Waterbury, Conn.

Knives (Scarfer)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opp. preceding page)

Knives (Scraping)

Landers, Frary & Clark, New Britain, Mass.
Northampton Cutlery Co., Northampton, Mass.

Knives (Shear Cutter)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opp. preceding page)
Hankey, A. & Co., Rochdale, Mass., & 2235 Vine, Phila., Pa.

Knives (Sheet Steel)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opp. preceding page)

Knives (Shingle)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opp. preceding page)
Mack & Co., Rochester, N. Y.
Worden Tool Co., 66 Columbus, Cleveland, O.

Knives (Shoe)

Harrington Cutlery Co. ("Dexter"), Southbridge, Mass.
Harrington, T. J., Southbridge, Mass.
Hyde Mfg. Co., Southbridge, Mass.
Kimball, C. J. Co., Bennington, N. H.
Landers, Frary & Clark, New Britain, Conn.
Richards, Stephen Co., Southbridge, Mass.

Knives (Shredder)

Akron Machine Co., Akron, O.
American Knife Co., Baldwinsville, N. Y.
COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opp. preceding page)
Henry & Allen, Auburn, N. Y.

Knives (Skiver)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opp. preceding page)

Knives (Slaw & Vegetable)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opp. preceding page)

Knives (Solid Steel Shear)

Crucible Steel Co. of America (La Belle Steel), Frick bldg, Pittsburg, Pa.; 71 B'way, N. Y., & 64 S Clinton, Chicago
Eppinstall, H. Forge Co., 47th & A. V. R. R., Pittsburg, Pa.
Tretheway, Samuel & Co. (Ltd.), 47th nr Butler, Pittsburg, Pa.

Knives (Spiral, of All Classes)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opp. preceding page)

Knives (Splitter)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opp. preceding page)

Knives (Spoke Lathe)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opp. preceding page)
Hankey, A. & Co., Rochdale, Mass., & 2235 Vine, Phila., Pa.
Sandusky Tool Co., Sandusky, O.

Knives (Stave Cutter)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opp. preceding page)
Worden Tool Co., 66 Columbus, Cleveland, O.

Knives (Stereotype)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opp. preceding page)

Knives (Straw Cutter)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opp. preceding page)
Hankey, A. & Co., Rochdale, Mass., & 2235 Vine, Phila., Pa.

Knives (Tack Machine)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opp. preceding page)

Knives (Tanners' Skiving)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opp. preceding page)
Foster Bros. & Chatillon Co., Fulton, N. Y.

Knives (Textile)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opp. preceding page)

Knives (Tobacco)

American Cutlery Co., 193 Mather, Chicago, Ill.
American Knife Co., Baldwinsville, N. Y.
Clyde Cutlery Co. (Beech Handle), Clyde, O.
COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opp. preceding page)
Hankey, A. & Co., Rochdale, Mass., & 2235 Vine., Phila., Pa.
Lancaster Machine & Knife Works, Lancaster, N. Y.
Mack & Co., Rochester, N. Y.
Oldham, Joshua & Sons (Ltd.), 112 26th, Brooklyn, N. Y.
Simonds Mfg. Co., Fitchburg, Mass.

Knives (Veneer)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opp. preceding page)
Hankey, A. & Co., Rochdale, Mass., & 2235 Vine, Phila., Pa.
Lancaster Machine & Knife Works, Lancaster, N. Y.

Knives (Wood Barking Machine)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. insert opp. preceding page)

Knives (Wood Flooring Machine)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. indcx, end of book)

Knives (Wood Pulp)

COES, LORING & CO. (INC.), Worcester, Mass. (Sce adv. index, cnd of book)

Knives (Wood Surfacing Machine)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. index, end of book)

Knives (Wood Tenoning Machine)

COES, LORING & CO. (INC.), Worcester, Mass. (See adv. index, end of book)

Knives (Wood Trimming Machine Knives)

COES, LORING & CO. (INC.), Worcester, Mass. (Sec adv. index, end of book)

Knuckles (Steel)

Buckeye Steel Castings Co., Columbus, O.
Chester Steel Castings Co., Chester, Pa., & 407 Sansom, Phila., Pa.
Gould Coupler Co., 1 W 34th, N. Y.; Chicago, Ill.; St. Louis, Mo. Works, Depew, N. Y.
Insert Knuckle Co. (Insert Knuckles), Indianapolis, Ind.
Railway Appliances Co. ("Gilman-Brown"), Old Colony bldg, Chicago, Ill., & 114 Liberty, N. Y.
Taylor Iron & Steel Co., High Bridge, N. J.

Knurls

Braunsdorf-Muller Co., Elizabeth, N. J.
Springfield Machine Screw Co., Springfield, Mass.

Krushite (For Sawing Stone)

Frenier, J. H., Rutland, Vt.

Label Manufacturers

American Color Printing Co., Baltimore, Md.
American Label Mfg. Co., Baltimore, Md.
Kittredge, R. J. & Co., 103 W Superior c Green, Chicago, Ill.
Maryland Color Printing Co., Baltimore, Md.
U. S. Printing Co., 290 B'way, N. Y., & 6th & Lock, Cincinnati, O.

Lacquer Mfrs.

American Lacquer Co., Bridgeport, Conn.
Aluminine Paint & Polish Co., 704 W Lake, Chicago, Ill.
Baatz, Herman H., 215 Randolph, Detroit, Mich.
Chicago Wood Finishing Co., 259 Elston, Chicago, Ill.
Egyptian Lacquer Mfg. Co., 152 Front, New York
Forest City Paint & Varnish Co., Cleveland, O.
FRENCH, SAMUEL H. & CO., 4th & Callowhill, Phila., Pa. (Sce adv. index, end of book)
Hommel, O. Co., 110 Market, Pittsburg, Pa.
Lucas, Jno. & Co., 322 Race, Phila., Pa.; 89 Maiden Lane, N. Y., & 59 Jefferson, Chicago, Ill.
Moller & Schumann, Marcy & Flushing av, Brooklyn, N. Y.
New Era Lustre Co., New Haven, Conn.
Nikolas, G. J. & Co., 512 W Van Buren, Chicago, Ill.
Rieseman Mfg. Co., Franklin, Pa.
Schlegel, Oscar Mfg. Co., 182 Grand, New York
Sorby, P. V., 295 Greenpoint av, Brooklyn, N. Y.
STANDARD VARNISH WORKS (Black Smoke Stack, etc.), 29 B'way, N. Y.; 2620 Armour av, Chicago, Ill., & 23 Billiter st, London, England. (See adv. index, end of book)
Zucker & Levett & Loeb Co., 526 W 25th, New York

Lacquering for the Trade

Grosback, Wm. & Co., 37 Maspeth av, Brooklyn, N. Y.

Lacquers (Anti Rust)

ATLAS PAINT CO., 2638 Liberty av, Pittsburg, Pa. (See adv. index, end of book)

Lacquers (Machine)

UNITED STATES GUTTA PERCHA Paint Co. (Rice's or Egg Shell, Gloss Enamel), 24 Mathewson, Providence, R. I. (See adv. index, end of book)

Ladder Rounds (Miners')

Sandusky Tool Co., Sandusky, O.

Ladders

Bangor Extension Ladder Co., 27 Bangor, Bangor, Me.
Berg, Jno. & Bro. (Extension), Wentworth, 50th & 5th av, Chicago, Ill.
Berger Bros. Co. (The "Perfection" Extension), 237 Arch, Phila., Pa.
Brand, Geo., Jr., 672 4th, Oakland, Cal.
Brown, Jno. K. & Co., 185 3d av, Brooklyn, N. Y.
Canton Ladder Co., Canton, O.
Chesebro, Whitman & Co., 1167 1st av, N. Y.
Combination Ladder Co., 366 Fountain, Providence, R. I.
Corbett & Co., ft of E 9th, New York
Dillman, I. M. Mfg. Co., 524 Tel av, Oakland, Cal.
Drake, M. J., 11 Jeff'n, Brooklyn, N. Y.
Excelsior Ladder Co., Elmira, N. Y.
Frizell Ladder Co. (Step & Extension Ladders, etc.), 135 Granite av, Boston, Mass.
Goshen Mfg. Co., Goshen, Ind.
Holmquist & Co., 99 N Lincoln, Chicago
Indiana Bent Rung Ladder Co. (Step, Extension, Sectional, etc.), Indiana, Pa.
Indiana Ladder Co., Indiana, Pa.
I. X. L. & Goshen Pump Co., Goshen, Ind.
Lonsby, J. & Son (Extension, etc.), Mt. Clemens, Mich.
McCabe Hanger Mfg. Co. (McCabe Tubular Store), 532 W 22d, New York
Macomber Bros., Eastbrook, Me.
Michael, Chas. H. Mfg. Co., Laporte, Ind.
Miller, Edward, 439 E 19th, New York
Miller Ladder Co. (Step, Painters', etc.), 66 Ogden pl, Chicago, Ill.
Moulton, C. W. H. & Co., East Cambridge, Mass.
N. Y. Ladder Co., 580 Hudson, New York
Noyes, W. H., 154 1st, Newark, N. J.
Ohio Knife Co., 9th & McClean av, Cincinnati, O.
Phila. Ladder Mfg. Co., 9th & Thompson, Phila., Pa.
Pierce, W. E. & Co., Milton, N. H.
Portland Extension Ladder Co., 130 Orange, Newark, N. J.
Reissler, Andrew, 248 W Houston, N. Y.
Roberts, E. L. & Co. (Step, Extension, etc.), W 22d & Union pl, Chicago
Tilley, John S., 114 2d, Watervliet, N. Y.
Weld, F. D. (Extension), Somerville, Mass.
Whitehurst, R. W. Co., Norfolk, Va.

Ladders (Extension Scaffold)

Reading Machine & Tool Co. (Iron for Decorators, Plasterers, etc.), Reading, Pa.

Ladders (Rolling & Trolley)

Allith Mfg. Co. ("Reliable"), Taylor & S 43d av, Chicago, Ill.
Bicycle Step Ladder Co., 65 Randolph, Chicago, Ill.
Calander, Jno., 148 8th, St. Paul, Minn.
Coburn Trolley Track Mfg. Co., Holyoke, Mass.
Lane Bros. Co., Poughkeepsie, N. Y.
M'CABE HANGER MFG. CO. (Tubular, etc.), 425 W 25th, New York. (See adv. index, end of book)
Milbradt, G. A. & Co., 1924 N B'way, St. Louis, Mo.
Morley Bros. (Inc.) (Rolling), Saginaw, Mich.
Myers, F. E. & Bro., Ashland, O.
Putnam & Co. ("Putnam"), 244 Water, N. Y.
Warren, J. D. Mfg. Co., Masonic Temple, Chicago
Wilcox Mfg. Co., Aurora, Ill.

Ladders (Steel)

Barnum, E. T. Wire & Iron Works, Detroit, Mich.
Cornell, J. B. & J. M. Co., 26th & 11th av, N. Y.
Myers, F. E. & Bro., Ashland, O.
Phoenix Steel Construction Co., 3d & Penn av, Pittsburg, Pa.

Ladles (Crane or Truck)

KOPPEL, ARTHUR, 66 Broad, N. Y. (See adv. index, end of book)
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
WHITING FOUNDRY EQUIPMENT Co., Harvey, Ill. (See adv. index, end of book)

Ladles (Foundry)

Byram & Co. (Inc.), (35 to 35,000 Pounds), 435 Guoin, Detroit, Mich.
Carroll-Porter Boiler & Tank Co., Pittsburg, Pa.
Columbiana Boiler Co., Columbiana, O.
McComack, J. S. Co., 25th & A. V. Ry., Pittsburg, Pa.
Meehan Boiler & Construction Co., Lowellville, O.
Niles Boiler Co., Niles, O.
NORTHERN ENGINEERING WORKS, Detroit, Mich. (See adv. index, end of book)
OBERMAYER, S. CO., 647 Evans, Cincinnati, O.; 18th & Rockwell, Chicago, Ill.; 35th & Charlotte, Pittsburg, Pa.; Roe bldg, St. Louis, Mo.; Majestic bldg, Detroit, Mich.; Cooper bldg, Denver, Colo.; Land Title bldg, Phila., Pa., & Mission st, San Francisco, Cal. (See adv. index, end of book)
Ogden, J. Edward Co., 147 Cedar, New York
PAXSON, J. W. CO., 1021 N Delaware av, Phila., Pa. (See adv. index, end of book)
PETROLEUM IRON WORKS CO., Washington, Pa., & Farmers' Bank bldg, Pittsburg, Pa. (See adv. index, end of book)
Pollock, Wm. B. Co., Youngstown, O.
Reeves Bros. Co., Alliance, O.
Riter-Conley Mfg. Co., Pittsburg, Pa., & 29 Cortlandt, New York
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
Scannell & Wholey, Lowell, Mass.
SMITH, J. D. FOUNDRY SUPPLY CO., 40 S Water, Cleveland, O., & 2143 Central av, Cincinnati, O. (See adv. index, end of book)
Stewart Boiler Works, Worcester, Mass.
STURTEVANT, B. F. CO. (Geared 1 & 2 Ton Transfer Ladle Truck), Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria st, London, Eng. (See adv. index, end of book)

Union Foundry & Machine Co. (South Side), Pittsburg, Pa.
Vulcan Iron Works, Wilkesbarre, Pa.
Warren City Boiler Works, Warren, O.
WHITING FOUNDRY EQUIPMENT Co., Harvey, Ill. (See adv. index, end of book)
Wilfong Bros., 52d & P W & B R R, Phila., Pa.

Ladles (Melting & Plumbers')

Bernz, Otto, S 13th & S Orange av, Newark, N. J.
Clark, W. J. Co., Salem, O.
Clayton & Lambert Mfg. Co., Detroit, Mich.
Dicke Tool Co., Downers' Grove, Ill.
Holland Mfg. Co., Erie, Pa.
Holland, Wm., 60 S Canal, Chicago, Ill.
Knapp Mfg. Co., 22 Frankfort, New York
Lalance & Grosjean Mfg. Co. (Wrought Steel), 19 Cliff, N. Y.; Chicago, Ill., & Boston, Mass.
Loetzer Valve & Mfg. Co. (Seamless Plate Steel). Towanda, Pa.
Peck, Stow & Wilcox Co., Southampton, Conn.
Racine Malleable Wrought Iron Co., Racine, Wis.
Reading Hardware Co., Reading, Pa.
Union Heater Supply Co., Detroit, Mich.

Ladles (Mining)

Power & Mining Machinery Co. (Heavy Steel Plate), 52 William, N. Y. Works, Cudahy, Wis.

Ladles (Open Hearth & Bessemer Plant)

Carrol Porter Boiler & Tank Co., Empire bldg, Pittsburg, Pa. Works, Wellsville, O.
Columbiana Boiler Co., Columbiana, Ohio
Girard Boiler & Mfg. Co., Girard, O.
Munroe, R. & Sons Corporation, 23d & Smallman, Pittsburg, Pa.
Penna. Engineering Works, New Castle, Pa.
PETROLEUM IRON WORKS CO., Washington, Pa., & Farmers' Bank bldg, Pittsburg, Pa. (See adv. index, end of book)
Pollock, Wm. B. Co., Youngstown, O.
Vulcan Works, Chester, Pa.

Lagging (Hardwood)

Dodge Mfg. Co., Mishawaka, Ind.

Lamp Black Mfrs.

Bihn & Wolff Co., Almond c Ash, Phila., Pa.
Binney & Smith Co., 81 Fulton, New York
Davidson, Jas. H., 239 Front, New York
Eddy's, Titus Son, Troy, N. Y.
Martin, L. Co., 809 Evans, Cincinnati, O., & 81 Fulton, New York
Mount Jewett Carbon Co., Mt. Jewett, Pa.
Osborn, Clarence J. (Broker), 65 Fulton, New York
Salberg Black Co., Ridgway, Pa.
Wegelin & Wilckes Black Mfg. Co., 50 Cliff, New York. Works, Camden, N. J.

Lamp Bulbs (Incandescent)

Corning Glass Works, Corning, N. Y.
Fostoria Bulb & Bottle Co., Fostoria, O.
Libbey Glass Co., Ash & W. & L. E. Ry., Toledo, O.
Lippencott Glass Co., Alexandria, Ind.
Pairpoint Corp., New Bedford, Mass.
Phoenix Glass Co., 2d Nat'l Bank bldg, Pittsburg, Pa., & 13 Murray, New York

Lamp (Cords)

(See Cords, Flexible.)

Lamp Posts

Alta Mfg. Co., 35 Oliver, Boston, Mass.
Belmont Iron Works, 2215 Wash'n av, Phila., Pa.
Bethlehem Foundry & Machine Co., South Bethlehem, Pa.
CHAMPION IRON CO., Kenton, O. (See adv. index, end of book)
Clow, Jas. B. & Sons, 344 Franklin, Chicago, Ill.
Concord Foundry Co., Concord, N. H.
Cornell, J. B. & J. M. Co., 26th & 11th av, N. Y.
Creswell, S. J. Iron Works, 23d & Cherry, Phila., Pa.
Davis & Farnum Mfg. Co., Waltham, Mass.
Davis & Thomas Co., Catasauqua, Pa.
Dinn, P. J. & Co., 278 Dover, Boston, Mass.
Drummond, M. J. & Co., 182 B'way, New York
Fiske, J. W., 39 Park pl, New York
Fox, John & Co. (Mfrs' Agents), 253 B'way, New York
Freeman, S. & Sons Mfg. Co., Racine, Wis.
Gaumer, John L. Co., 19th & Hamilton, Phila., Pa.
Globe Gas Light Co., 79 Union, Boston, Mass.
HECLA IRON WORKS, 118 N 11th, Brooklyn, N. Y. (See adv. index, end of book)
JACKSON, WM. H. CO., 29 E 17th (Union Square), New York. (See adv. index, end of book)
McMurray, Robt. & Bro., 287 4th av, N. Y., & 365 Harman, Brooklyn, N. Y.
McShane, Henry Mfg. Co., Baltimore, Md.
Miner, Thos. T. W., 821 Eagle av, New York
Mott, J. L. Iron Works, 88 Beekman, N. Y.
Paxton & Vierling Iron Works, Omaha, Neb.
Penna. Globe Gas Light Co., Broad & Arch, Phila., Pa.
Pevey Bros., 224 Walker, Lowell, Mass.
Purcell, N. F. & Co., 232 S Clinton, Chicago, Ill.
Reading Foundry Co., Reading, Pa.
RICHEY, BROWNE & DONALD (& Bronze), Maspeth, Borough of Queens, N. Y. (See adv. index, end of book)
SMITH, F. P. WIRE & IRON WORKS, 100 Lake, Chicago. (See adv. index, end of book)
Smith, G. W. & F. Iron Co., Boston, Mass.
Smyser's, E. G. Sons, 4 Light, Baltimore, Md.
SNEAD & CO. IRON WORKS, ft. of Pine, Jersey City. (See adv. index, end of book)
Stacey Mfg. Co., 239 Mill, Cincinnati, O.
Sun Vapor Street Light Co., Canton, O.
Union Foundry & Machine Co., Catasauqua, Pa.
Westervelt, A. B. & W. T., 102 Chambers, New York

Lamp Sockets (Incandescent)

Bernstein Electric Mfg. Co., 286 Roxbury, Boston, Mass.
Brunt, G. F. Porcelain Works (Regulating), East Liverpool, O.
Bryant Electric Co., Bridgeport, Conn.
Burdett-Rowntree Mfg. Co. (Ball Socket), 85 W Jackson boul, Chicago
Columbia Electric Supply Co. (McCoy), 40 Cortlandt, New York
Crescent Electrical Mfg. Co. (Waterproof), Rochester, N. Y.
Crouse-Hinds Electric Co. ("Norbett" Waterproof), Syracuse, N. Y.
Electrical Supply Co. (Hawkeye), Sioux City, Ia.
GENERAL ELECTRIC CO., SCHE- nectady, N. Y., & 44 Broad, New York. (See adv. next page)
Gilmore Electric Co., South Boston, Mass.
Hubbell, Harvey (Pendant Chain Pull), Bridgeport, Conn.
Johns, H. W.-Manville Co., 100 William, N. Y.; 171 Randolph, Chicago, Ill.; 77 Pearl, Boston, Mass.; 23 N 2nd, Philadelphia, Pa.; 217 Clybourn av, Milwaukee, Wis.; 14 S Water, Cleveland, O.; 220 1st av, Pittsburg, Pa.; 217 Magazine, New Orleans, La.; 916 N B'way, St. Louis, Mo.; Billister bldgs, London, Eng.
Marshall-Sanders Co., 301 Congress, Boston, Mass.
New England Electric Mfg. Co., West Somerville, Mass.
Paiste, H. T. Co., 3101 Ludlow, Phila., Pa.
Pass & Seymour (Porcelain), Solvay, Syracuse, N. Y.
Perkins Electric Switch Mfg. Co., Bridgeport, Conn.
Peru Electric Mfg. Co., Peru, Ind.
Pringle, W. T. ("Ries" Regulating), 112 N 12th, Phila., Pa.
Yost Electric Mfg. Co., Toledo, O.

Lamp Trimmers

Ives, H. B. Co. (The Barnard), New Haven, Conn.

Lamps (Acetylene House)

Britelite Lamp Co., 45 B'way, New York

Lamps (Alcohol Blow)

Knapp Mfg. Co. (Self Acting), 24 Frankfort, New York

Lamps (Arc)

Adams & Bagnall Electric Co. (Alt. & Direct Incan.), Cleveland, O.
Adams & Westlake Co. (Alt. & Direct Incan.), Ontario c N Franklin, Chicago, Ill.; 2042 N 10th, Phila., Pa., & 26 Cortlandt, N. Y.
American Electrical Mfg. Co. (Alt), 27 N 10th, Phila., Pa.
American Union Electric Co., 15 Cortlandt, N. Y.
Anderson, Albert & J. M. Mfg. Co. (Direct Enclosed Incan.), 287 A, S Boston, Boston, Mass.
Ball Electric Co. ("Ball" System Enclosed), 63 Clymer, Brooklyn, N. Y.
Buckeye Electric Co. (The Manhattan Atl & Direct Enclosed Incan.), Cleveland, O.
Dayton Fan & Motor Co. (Belden Alter. Enclosed), Dayton, O.
Falcon Electric Mfg. Co., 432 E 71st, New York
Fort Wayne Electric Works (Inc.), (Alt. & Direct Incan.), Fort Wayne, Ind.
Fox, Arthur W. (Focusing), 83 Schermerhorn, Brooklyn, N. Y.
GENERAL ELECTRIC CO. ("Multiple A C & D C"), Schenectady, N. Y., & 44 Broad, New York. (See adv. index, end of book)
General Incan. Arc Light Co. (Enclosed & Open), 529 W 34th, New York
Globe Electric Mfg. Co. (Direct), Cleveland, O.
Hamblin, Jno. A. ("Stellarc" Direct), 12 Beverly, Providence, R. I.
Helios-Upton Co. (Alt. & Direct Incan.), Kennedy bldg Philadelphia, Pa.; Peabody, Mass., & 222 Fullerton av, Chicago
Jandus Electric Co. (Double Enclosed), 180 Huron, Cleveland, O.
Keystone Electric & Mfg. Co. ("Cimax"), Allegheny, Pa.
Lea Electric Mfg. Co ("Northall" Swinging Covered Enclosed Arc Standard or Miniature"), Elwood, Ind.
Mutual Electric & Machine Co. (Direct), Wheeling, W. Va.
Osborn-Morgan Co. ("O. M." Direct), Cleveland, O.
Perkins Electrical Switch Mfg. Co. (Direct & Alter. Enclosed), Bridgeport, Conn.
PHOENIX ELECTRIC MFG. CO. (Alt. & Direct Current), Mansfield, O. (See adv. index, end of book)
Philadelphia Electrical & Mfg. Co. (Open & Enclosed), 2011 Market, Philadelphia, Pa.
Pittsburg Electrical & Machine Works (Alt. & Direct Current), Pittsburg, Pa.
Stanley Electric Mfg. Co. ("Sterling," Alt. & Direct), Pittsfield, Mass.
Tenney, A. E. Mfg. Co. (Direct), Pawtucket, R. I.
Toerring, C. J. Co. (Alt. & Direct Enclosed Incan.), 19th & Allegheny, Philadelphia, Pa.
Western Electric Co. (Petite, Alt. Enclosed), 259 S Clinton, Chicago, & 57 Bethune, New York
Western Electrical Supply Co. ("A-B" Enclosed, etc.), St. Louis, Mo.
WESTINGHOUSE ELECTRIC & MFG. Co. (Alt. & Direct Enclosed), Pittsburg, Pa. (See adv. index, end of book)

Lamps (Arc, Gas)

Acorn Brass Works ("Lumo"), 51 N Peoria, Chicago, Ill., & St. Louis, Mo.
Cluster Gas Light Co., 67 Bowery, New York
Crane, Wm. M. Co. ("Eagle"), 1133 B'way, New York
Federal Mfg. Co., Columbus, O.
General Gas Light Co. ("Humphrey"), Kalamazoo, Mich.
Gleason, E. P. Mfg. Co., 20 W Houston, New York
Goetz Mfg. Co., 249 3d av, New York
Hamilton Lighting Co., Pittsburg, Pa.
Incandescent Burner Co., 633 Fulton, Brooklyn, N. Y.
Irby & Gilliland Co. ("Eficent," "Senior"), Memphis, Tenn.

Kern Burner Co., 21 Murray, New York, & Klemm & Co., 132 N 5th, Philadelphia, Pa.
Knapp Mfg. Co. ("Mercer"), 24 Frankfort, New York
National Stamping Works, La Salle & Michigan, Chicago, Ill.
Northern Light Co. (Incandescent), 451 Greenwich, New York
Phelps Co., 33 State, Detroit, Mich.
Sanitary Specialty Mfg. Co. ("Doorenbos"), 55 N Clinton, Chicago, Ill.
Stege, Geo. H. ("Bell" Single Burner, Arc), 174 B'way, New York
Turner Brass Works, Franklin & Michigan, Chicago, Ill.
White Mfg. Co., 192 Michigan, Chicago, Ill.

Lamps (Arc, Gasoline)

Acorn Brass Works ("Doran"), 51 N Peoria, Chicago, Ill., & St. Louis, Mo.
Best Street Light Co., Canton, O.
Martin & Morehead, 51 W Washington, Chicago
White Mfg. Co. ("American" & "White Star" Pressure), 192 Michigan, Chicago, Ill.

Lamps Arc, Machine Shop)

GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, New York. (See adv. below)

Lamps (Arc, Photo-Engraving)

Adams-Bagnall Electric Co., Cleveland, O.
Bogue, Chas. J., 213 Centre, New York
Fox, Arthur, W 83 Schermerhorn, Brooklyn, N. Y.
GENERAL ELECTRIC CO., SCHEnectady, N. Y., & 44 Broad, New York. (See adv. below)
Helios-Upton Co., Kennedy bldg, Philadelphia, Pa.; Peabody, Mass., & 222 Fullerton, Chicago
LaRoche, F. A. Co.. 656 Hudson, New York
Menchen, Jos., 1237 B'way, New York
Mutual Electric & Machine Co., Wheeling, W. Va.
Photo Engraving Co., 11 Murray, New York
PITTSBURG BLUE PRINT CO., Park bldg, Pittsburg, Pa. (See adv. index, end of book)
Zeigler Apparatus Co., 200 Summer, Boston, Mass.

Lamps (Artistic, Wrought)

TYLER, W. S. CO., 1150 St. Clair, Cleveland, O.; 11 B'way, New York, & Bessemer bldg, Pittsburg, Pa. (See adv. index, end of book)

Lamps (Automobile)

Badger Brass Mfg. Co. ("Solar," Headlights), Kenosha, Wis.
Brown, Jno. W. Mfg. Co., Columbus, O.
Dietz, R. E. Co., 60 Laight, N. Y.
Funke, A. H. ("Autolype," Imported), 325 B'way, New York
Richmond Indiana Mfg. Co., Richmond, Ind.
Scoville & Peck Co., New Haven, Conn.
Twentieth Century Mfg. Co., 17 Warren, N. Y.

Lamps (Bronze)

TYLER, W. S. CO., 1150 St. Clair, Cleveland, O.; 11 B'way, New York, & Bessemer bldg, Pittsburg, Pa. (See adv. index, end of book)

Lamps (Candle)

Adam & Westlake Co., Ontario c N. Franklin, Chicago, Ill.; 2042 N. 10th, Phila., Pa., & 26 Cortlandt, N. Y.

Lamps (Car)

Adams & Westlake Co. (All Kinds), Ontario & N. Franklin, Chicago, Ill.; 26 Cortlandt, New York
American Carbide Lamp Co., The, Bourse, Phila., Pa.
Bridgeport Brass Co., Bridgeport, Conn., & 19 Murray, N. Y.
Brill, J. G. Co., 62d & Woodland av, Phila., Pa.
Dayton Mfg. Co. (For Steam & Electric Cars), Dayton, O.
Ham, C. T. Mfg. Co., Rochester, N. Y.
Howard, Jas. L. & Co., Hartford, Conn.
Klemm & Co. (Oil), 132 N. 5th, Phila., Pa.
Page Bros. & Co., 349 Cambridge, Boston, Mass.
Rochester Headlight Works, Rochester, N. Y.
Smith, Chas. G., 352 Pearl, New York
Star Headlight Co. (Oil), Rochester, N. Y.

Lamps (Carriage)

Atwood Mfg. Co., Amesbury, Mass.
Brown, Jno. W. Mfg. Co., Columbus, O.
Carey & Co., 243 Race, Phila., Pa.
Cowles, C. & Co. (Inc.), New Haven, Conn.
Dietz, R. E. Co., 60 Laight, New York
English & Mersick Co., New Haven, Conn.
Gray & Davis, Amesbury, Mass.
Ham, C. T. Mfg. Co., Rochester, N. Y.
Lockwood, C. N. Mfg. Co., Newark, N. J.
Richmond, Indiana Mfg. Co., Richmond, Ind.
Rose Mfg. Co., 910 Arch, Phila., Pa.
Smith, Chas. G., 352 Pearl, New York
Standard Carriage Lamp Co., 43 S. Canal, Chicago
White Mfg. Co., Bridgeport, Conn.

Lamps (Desk Electric)

Kinsman Electric & Railway Supply Co. ("Kinsman" "Daylight"), 91 Liberty, New York
McCreary Electric Co. (Flexible Arm), 136 Liberty, New York
McLeod, Ward & Co., 27 Thames, New York

Lamps (Gasoline)

American Gas Machine Co., Albert Lea, Minn.
Best Street Light Co., Canton, O.
Boulevard Globe & Lamp Co., 88 Warren, N. Y.
Brilliant Gas Lamp Co. ("Brilliant Halo"), 42 State, Chicago, Ill.
Merkel, Herman, 511 Elm, St. Louis, Mo.
Smith, Chas. G., 352 Pearl, New York
Sun Vapor Street Light Co. (Incandescent), Canton, O.
Superior Mfg. Co. (Also Vapor), Ann Arbor, Mich.
Turner Brass Works (Vapor), Franklin & Michigan, Chicago
Victor Lighting Co., Columbus, O.

Lamps (Gauge)

Gray, Peter & Sons (Locomotive, Water, Steam Gauge, etc.), 88 Union, Boston, Mass.

Lamps (Gravity)

Ireland & Matthews Mfg. Co. (Gasoline), Detroit, Mich.
White Mfg. Co. ("Reliable" & "White Star"), 192 Michigan, Chicago

Lamps (Hand, Engineers' & Machinists')

Gray, Peter & Sons, 88 Union, Boston, Mass.

Lamps (Hanging)

BRADLEY & HUBBARD MFG. CO., Meriden, Conn. (See adv. index, end of book)

Lamps (Incandescent Electric)

American Incandescent Lamp Co., Girard Trust bldg, Phila., Pa., & 395 B'way, N. Y.
American Union Electric Co., 15 Cortlandt, N. Y.
Anchor Lamp Co., 258 B'way, New York
Arrowsmith Electric Co., Reading Pa., & Wilmington, Del.
Banner Incandescent Electric Co., Youngstown, O.
Bernstein Electric Mfg. Co. (Lewatt), 286 Roxbury, Boston, Mass.
Brilliant Electric Co., Cleveland, O.
Bryan-Marsh Co. (Multiply Series, Miniature Battery & Dental), 141 Cedar, N. Y.
Buckeye Electric Co., Cleveland, O.
California Incandescent Lamp Co., San Francisco, Cal.
Capitol Electric Co. (The Hall), Denver, Col.
Climax Mfg. Co. (Climax System), Corry, Pa.
Colonial Electric Co., Ravenna, O.
Colorado Lamp Co. (The Colorado), Denver. Col.
Columbia Incandescent Lamp Co., 2115 Locust, St. Louis, Mo.
Consolidated Electric Lamp Co., Danvers, Mass.
Consumers Incandescent Lamp Co. ("Premier"), Owensboro, Ky.
Dayton Electrical Mfg. Co., Dayton, O.
Edison Lamp Dept., Harrison, N. J.
Electrical Engineering Co. (The California), 509 Howard, San Francisco, Cal.
Fort Wayne Electric Works, Fort Wayne, Ind.
Fostoria Incandescent Lamp Co., Fostoria, O.
Franklin Electric Mfg. Co. ("The Fernco"), Hartford, Conn.
GENERAL ELECTRIC CO. ("Edison"), Schenectady, N. Y., & 44 B'way, New York. (See adv. below)

General Electric Company's

ANNUAL OUTPUT
OVER 21,000,000 LAMPS.

INCANDESCENT LAMPS.

New Meridian Lamp, gives a beautiful soft white light, has high efficiency, has an excellent distribution of light, and low first cost.

THE GENERAL ELECTRIC COMPANY OF NEW YORK, U. S. A.
LAMP SALES DEPARTMENT, HARRISON, N. J.
Sales Offices in all large cities in the United States.

For Great Britain and Ireland, THE BRITISH THOMSON-HOUSTON CO., Ltd., Rugby and 83 Cannon St., London, E. C.

General Incandescent Arc Light Co., 529 W 34th, New York
General Incandescent Lamp Co., Citizens' bldg, Cleveland, O.
Germania Electric Lamp Co., Harrison, N. J.
Gilmore Electeric Co. (Multiple), 625 E 1st, Boston, Mass.
Goodchild & Welsh ("Twilight"), Newark, N. J.
Green & Bauer, Hartford, Conn.
Hardy Lamp Co., Pittsfield, Mass.
Illinois Electric Co., 239 Madison, Chicago
Kentucky Electrical Co. (The Kentucky), Owensboro, Ky.
Kinsman Electric & Railway Supply Co. ("Trade Mark" & "Star"), 91 Liberty, New York
Koh-I-Noor Incandescent Lamp Co., Monadnock blk, Chicago, Ill.
Liberty Electric Mfg. Co., 543 4th av, Pittsburg, Pa.
Lynn Incandescent Lamp Co., Lynn, Mass.
Marlboro Electric Machine & Lamp Co., Marlboro, Mass
Monarch Electric Mfg. Co., Warren, O.
Munder Electric Co., Springfield, Mass.
National Electric Lamp Co., Cleveland, O.
New York & Ohio Co., Warren, Ohio
Phelps Co. (Hylo Turn Down), 41 State, Detroit, Mich.
PHOENIX ELECTRIC MFG. CO., Mansfield, O. (See adv. index, end of book)
Pittsburg Electric Lamp Co. ("Penna."), Braddock, Pa
Sawyer-Man Electric Co., Allegheny, Pa., & 510 W 23d, New York
Shelby Electric Co., Shelby, O.
Standard Electrical Mfg. Co., Niles, O.
Standard Lamp Co., Wabash, Ind.
Sterling Electric Mfg. Co., Warren, O.
Stewart, Frank H. & Co., 35 N 7th, Phila., Pa.
Sunbeam Incandescent Lamp Co., 242 S Jefferson, Chicago, Ill.
Warren Electric & Specialty Co. ("The Peerless") Warren, Ohio
Washington Incandescent Lamp Co., New Bedford, Mass
Western Electric Co. ("Sunbeam"), 259 S. Clinton, Chicago, & 57 Bethune, New York
Western Electrical Supply Co. (Monarch), St. Louis, Mo.
WESTINGHOUSE ELECTRIC & MFG. Co., Westinghouse bdlg, Pittsburg, Pa. (See adv. index, end of book)
White, O. C. Co. (Portable), Worcester, Mass.

Lamps (Incandescent Electric, Car)

Banner Incandescent Electric Co., Youngstown, O.
Bryan-Marsh Co., 141 Cedar, New York, & Monadnock blk, Chicago, Ill.
Franklin Electric Mfg. Co. (The Fernco), Hartford, Conn.
Sterling Electric Mfg. Co., Warren, O.

Lamps (Incandescent Gas)

American Incandescent Lamp Co., 395 B'way, N. Y., & Girard Trust bldg, Phila., Pa.
Automatic Incandescent Light Co., Northboro, Mass., & Phila. Bourse, Phila., Pa.
Best Street Light Co., Canton, O.
Central Lighting Co., 86 Warren, N. Y.
Columbia Incandescent Lamp Co., Real Estate bldg., Phila., Pa.
Cosmopolitan Light Co., 41 State, Chicago, Ill.
Eureka Incandescent Lamp Co., 244 B'way, Brooklyn, N. Y.
Hamilton Lighting Co., 3 Union, Pittsburg, Pa.
Kentucky Electrical Co., Owensboro, Ky.
Keras Incandescent Co., 81 Wareham, Boston
Kern Burner Co., 21 Murray, New York
Kinsman Electric & Railway Supply Co., 91 Liberty, New York
Kitson Hydro Carbon Heating & Incandescent Lighting Co., 8th & Willow, Phila., Pa.
Leoben Mfg. Co., Philadelphia Bourse, Phila.,
Search Light Mfg. Co., 181 E. Division, Chicago, Ill.
Turner Brass Works, Franklin c. Michigan, Chicago, Ill.
Welsbach Co., 922 Chestnut, Phila., Pa.
Welsbach Gas Lamp Co., 1133 B'way, New York

Lamps (Incandescent Gasoline)

Akron Gas Lamp Co., Akron, O.
American Lighting Co., 112 Michigan, Chicago,
Best Street Light Co., Canton, O.
Eureka Light Co., Canton, O.
Sun Vapor Street Light Co., Canton, O.

Lamps (Incandescent, Hydro Carbon)

Kitson Hydro Carbon Heating & Lighting Co., 8th & Willow, Phila., Pa.
Williams Incandescent Light Co. (Williams operated with Kerosene Oil), 3421 Haverford av, Phila., Pa.

Lamps (Incandescent, Kerosene)

Ober, Thos. K. & Co. ("Keros"), Drexel bldg, Phila., Pa.

Lamps (Incandescent Miniature)

American Endoscopic Co., 212 Union, Providence, R. I.
American Miniature & Decorative Lamp Co., 320 Hudson, New York
Boehm, H. & Co., Youngstown, O.
Brooklyn Electric Lamp & Novelty Co., 278 Fulton, Brooklyn, N. Y.
Bryan-Marsh Co., 141 Cedar, New York
GENERAL ELECTRIC CO., SCHE- nectady, N. Y., & 44 Broad, New York. (See adv. below)
General Incandescent Arc Light Co., 529 W 34th, New York
Gilmore Electric Co., 625 E. 1st, Boston, Mass.
Green & Bauer, Hartford, Conn.
Jaeger Miniature Lamp Mfg. Co., Bible House, New York
Lea Electric Mfg. Co. ("Northall"), Elwood, Ind.
McCandless, H. W. & Co., 67 Park pl., New York
Ohio Electric Works, 76 Ellen, Cleveland, O.
Rooney-Westbury Electric Lamp Co., 154 E. 23d, N. Y.
Warren Electric & Specialty Co., Warren, O.

Lamps (Incandescent Renewed)

Anchor Lamp Co., 258 B'way, New York
Consolidated Electric Lamp Co., Danvers, Mass.
Eagle Lamp Co., Middleton, Mass.
Economy Electric Co., Warren, O.
Electrical Engineering Co. (The Pacific), 509 Howard, San Francisco, Cal.
Gilmore Electric Co., 625 E. 1st, Boston
Lynn Incandescent Lamp Co., Lynn, Mass.
New England Electrical Works, Middleton, Mass.
Re-New Lamp Co., 134 State, Boston, Mass.
Sterling Electrical Mfg. Co., Warren, O.

Lamps (Incandescent Series)

Bernstein Electric Mfg. Co., 286 Roxbury, Boston, Mass.
GENERAL ELECTRIC CO., Schenec- tady, N. Y., & 44 Broad, N. Y. City. (See adv. opp. page)
Gilmore Electric Co. (Multiple & Miniature), 625 E 1st, Boston, Mass.

Lamps (Incandescent Vapor Gas)

Best Street Light Co., Canton, O.
Canton Incandescent Light Co., Canton, O.
Chicago Solar Light Co. ("Nulite"), 41 State, Chicago
Cleveland Vapor Light Co., Cleveland, O.
Diamond Light Co., Canton, O.
Kitson Hydro-Carbon Heating and Incandescent Lighting Co., 8th & Willow, Phila., Pa.; 708 3d av, New York; 33 Waltham, Boston, Mass.; Pittsburg, Pa., & Baltimore, Md.
Sun Vapor Street Light Co., Canton, O.

Lamps (Locomotive Cab)

Knapp Mfg. Co., 24 Frankfort, New York

Lamps (Locomotive Gauge)

Knapp Mfg. Co. (Steam or Water), 24 Frankfort, New York

Lamps (Mine Acetylene)

INGERSOLL-SERGEANT DRILL CO., The (Acetylene), 26 Cortlandt, New York. Offices: Old Colony bldg, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 First av, Seattle, Wash.; Corestine bldg, Montreal, Canada; Mexico City, Calle 2a de Doroles No. 20 Mexico, D. F.; London, Eng., 114a Queen Victoria st; Paris, France, 51 Rue de la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sindey, N. S. W., 187 Clarence st; Kalgoorlis, West Australia, P. O. Box 1809; Valpariso, Chili; W. R. Grace & Co.; Lima, Peru, W. R. Grace & Co.; St. Petersburg, Russia, Troitskaya 19. (See adv. index, end of book)

Lamps (Miners' Safety)

American Safety Lamp & Mine Supply Co., Scranton, Pa.
American Tube & Stamping Co., Bridgeport, Conn.
Anton, Geo., Monongahela, Pa.
Anton, John & Son, Monongahela, Pa.
Cummings, Jno. S. & Co., Tunnelton, W. Va.
Everhart Brass Works, Scranton, Pa.
Hardsocg, Martin Mfg. Co. (Ltd.), 922 South av, Allegheny, Pa.
Hughes Bros., Scranton, Pa.
Hunt, Alex E., Scranton, Pa.
MacLeod, Walter & Co., 463 E Front, Cincinnati, O.
Portable Electric Power & Light Co., 188 Railroad av., Jersey City, N. J.
Shepard, Sidney & Co., Buffalo, N. Y., & 21 Cliff, New York

Lamps ("Nernst")

NERNST LAMP CO., Fayette & Gar- rison, Pittsburg, Pa.

Lamps (Portable Table)

Miller, Edw. & Co., Meriden, Conn.
National Brass & Iron Works, Reading, Pa.
Plume & Atwood Mfg. Co., Waterbury, Conn., New York & Chicago
Walton, Jas. & Co., Phoenicia, N. Y.
Wheeler, M. B. Electric Co., Grand Rapids, Mich.
White Mfg. Co., 192 Michigan, Chicago, Ill.
Wilson, F., Cortez & Co., 239 Lake, Chicago, Ill.
Wing, L. J. Mfg. Co., 251 B'way, N. Y.
Wreisner Bros., Dassel, Minn.
Yancey Generator Co., Chartres, New Orleans, La.

Lamps (Railway)

Adams & Westlake Co., Ontario c. N. Franklin, Chicago, Ill.; 2042 N. 10th, Phila., Pa., & 26 Cortlandt, New York
Armspear Mfg. Co., 447 W 53d, New York
BERGER MFG. CO., Main Office & Works, Canton, O. Branches: 210 E 23d, New York; 23 Lake, Chicago, Ill.; 623 N Main, St. Louis, Mo.; 1215 Filbert, Phila., Pa., & 176 Federal, Boston, Mass. (See adv. index, end of book)
Dewey, F. O. Co., 28 Canal, Boston, Mass.
Dietz, R. E. Co. (Locomotive Danger, Car Inspectors, Conductors, etc.), 60 Lalght, N. Y.
Gray, Peter & Sons (Conductors ,Signal, Switch Tail, etc.), 88 Union, Boston, Mass.
Handlan-Buck Mfg. Co. ("Blizzard" "Engine" and "Utility Tail"), 212 3d, St. Louis, Mo.
MacLeod, Walter & Co., Cincinnati, O.
Ohio Lantern Co. ("Baron"), Tiffin, O.
Page Bros & Co., 347 Cambridge, Boston, Mass.
Sherburne & Co., 53 Oliver, Boston, Mass.

Lamps (Semaphore Signal)

Adams & Westlake, Ontario c. N. Franklin, Chicago, Ill.; 2042 N. 10th, Phila., Pa., & 26 Cortlandt, New York
Armspear Mfg. Co., 447 W 53d, New York

Lamps (Signal)

Adams & Westlake Co., Ontario & N Franklin, Chicago; 2042 N. 10th, Phila., Pa., & 26 Cortlandt, New York
Armspear Mfg. Co., 447 W 53d, N. Y.
Dietz, R. E. Co. (Red, etc.), 60 Laight, N. Y.
Dressel Railway Lamp Works, 3876 Park av, New York
Dodson Signal Lamp & Lantern Co., Scranton, Pa.
Handlan-Buck Mfg. Co. ("Wells," also Engine & Tail), 212 N. 3d, St. Louis, Mo.
Kitson Hydro-Carbon Heating & Incandescent Lighting Co., 8th & Willow sts, Phila., Pa.
MacLeod, Walter & Co., 463 E Front, Cincinnati, O.
Manning Signal Lamp Co., Des Moines, Ia.
Rochester Head Light Works, Rochester, N. Y.
Smith, Chas. G., 352 Pearl, New York
Wells Light Mfg. Co., 44 Washington, New York

Lamps (Standard & Hanging)

Bristol Brass Co., Bristol, Conn., & 46 W B'way, N. Y.

Lamps (Station)

Armspear Mfg. Co., 447 W 53d, New York
Boesch Lamp Co., 585 Mission, San Francisco, Cal.
Dietz, R. E. Co., 60 Laight, New York
Gray, Peter, 12 Marshall, Boston, Mass.
Ham, C. T. Mfg. Co., Rochester, N. Y.
MacLeod, Walter & Co., 463 E Front, Cincinnati, O.
Ohio Electric Works, 76 Ellen, Cleveland, O.
Rochester Lamp Co., 38 Park pl, New York
Smith, Chas. G., 352 Pearl, New York

Lamps (Street)

Best Street Light Co., Canton, O.
Chicago Solar Light Co., 81 5th av, Chicago
Dietz, R. E. Co., 60 Laight, New York
Gaumer, John L. Co., 19th & Hamilton, Phila., Pa.
Gleason, E. P. Mfg. Co., 181 Mercer, New York
Globe Gas Light Co., 79 Union, Boston, Mass.
Globe Light & Heat Co., ft. of Orleans, Chicago
Ham, C. T. Mfg. Co., 731 Oak, Rochester, N. Y.
Kitson Hydro-Carbon Heating & Incandescent Lighting Co., 8th & Willow, Phila., Pa.; 708 3d av, New York; Boston, Mass.; Pittsburg, Pa., & Baltimore, Md.
Miller, Edw. & Co. (Kerosene Oil), Meriden, Conn., & 28 W B'way, N. Y.
Miner, Thos. T. W., 823 Eagle av., N. Y.
Penna Globe Gas Light Co., Broad & Arch. Phila., Pa.
Tyler, E. W. (Brass), 2700 B'way Cleveland, O.
Wheeler Reflector Co., 156 Pearl, Boston, Mass.
White Mfg. Co. ("White Star"), 192 Michigan, Chicago, Ill.

Lamps (Switch)

Adams & Westlake Co., Ontario c. N. Franklin, Chicago, Ill.; 2042 N. 10th, Phila., Pa., & 26 Cortlandt, N. Y.
Armspear Mfg. Co., 447 W 53d, New York
Dewey, F. O. Co., 28 Canal, Boston, Mass.
Dietz, R. E. Co., 60 Laight, New York
Gray, Peter, 12 Marshall, Boston, Mass.
Ham, C. T. Mfg. Co., Rochester, N. Y.
Handlan-Buck Mfg. Co. ("Prahm," Target, etc.), 212 N. 3d, St. Louis, Mo.

Lamps (Table)

BRADLEY & HUBBARD MFG. CO., Meriden, Conn. (See adv. index, end of book)

Lamps (Torch)

McCluitock & Irvine Co. ("M & I" Sheet Steel), Pittsburg, Pa.

Lamps (Vapor)

Cooper-Hewitt Electric Co., 220 W 29th, New York
Price, Wm. F., Reading, Pa.

Lamps & Torches (Foundry)

PAXSON, J. W. CO., 1021 N Delaware av, Phila., Pa. (See adv. index, end of book)

*Lanterns (Artistic Wrought)

AMOS, CHARLES & CO., 94 W Larned, Detroit, Mich. (See adv. index, end of book)
JACKSON, WM. H. CO., 29 E. 17th (Union Square), N. Y. (See adv. index, end of book)
PITT, WM. R., Composite Iron Wks., 111 5th av, N. Y. (See adv. index, end of book)
Rose & Hastie, 754 Lexington, Brooklyn, N. Y.

Lanterns (Dash Board)

Ohio Lantern Co. ("Baron," Hood Reflector, etc.), Tiffin, O.

Lanterns (Police)

Knapp Mfg. Co. (Bull's Eye Police), 24 Frankfort, New York
Tower & Lyon Co., 95 Chambers, New York

Lanterns (Railway)

Adams & Westlake Co., Ontario & N Franklin, Chicago; 2042 N. 10th, Phila., Pa., & 26 Cortlandt, N. Y.
American Railway Supply Co., 24 Park pl, New York
Armspear Mfg. Co., 447 W 53d, N. Y.
BERGER MFG. CO., Main Office & Works, Canton, O. Branches: 210 E 23d, N. Y.; 23 Lake, Chicago; 623 N Main, St. Louis, Mo.; 1215 Filbert, Phila., Pa., & 176 Federal, Boston, Mass. (See adv. index, end of book)
Boesch Lamp Co., 585 Mission, San Francisco, Cal.
Dewey, F. O. Co., 28 Canal, Boston, Mass.
Dietz, R. E. Co. (All Kinds), 62 Laight, New York
Dressel Railway Lamp Works, 3876 Park av., N. Y.
Glens Falls Lantern Co., Glens Falls, N. Y.
Gray, Peter & Sons (Signal), Switch, etc.), 88 Union, Boston, Mass.
Ham, C. T. Mfg. Co., Rochester, N. Y.
Handlan, Buck Mfg. Co., 210 N 3d, St. Louis, Mo.
Keystone Lantern Co., Real Estate Trust bldg., Phila., Pa.
Loeffelholz & Co., 170 Clinton, Milwaukee, Wis.
Macleod, Walter & Co., 463 E. Front, Cincinnati, O.
National Brass Mfg. Co., Kansas City, Mo.
Ohio Lantern Co. ("Baron"), Tiffin, O.
Ohio Pump & Brass Co., 18th & Oak, Columbus, O.
Rochester Head Light Works, Rochester, N. Y.
Smith, Chas. G., 352 Pearl, New York
Tufts, Nath'l Meter Co., Boston, Mass.
Wheeler Reflector Co., 156 Pearl, Boston, Mass.
Zelnicker, Walter A. Supply Co., St. Louis, Mo.

Lanterns (Tubular)

BERGER MFG. CO., Main Office & Works, Canton, O. Branches: 210 E 23d, N. Y.; 23 Lake, Chicago; 623 N Main, St. Louis, Mo.; 1215 Filbert, Phila., Pa., & 176 Federal, Boston, Mass. (See adv. index, end of book)
Buhl Stamping Co., Detroit, Mich.
Dietz, R. E. Co., 60 Laight, N. Y.
Hurwood Mfg. Co. (Inc.), Bridgeport, Conn.
Ohio Lantern Co. ("Baron"), Tiffin, O.
Wheeling Stamping Co., Wheeling, W. Va.
Winfield Mfg. Co., Warren, O.

Lanterns (Wrought Iron)

ROSE & HASTIE, 754 Lexington av, Brooklyn, N. Y.

Larries

ANDERSON, W. H. & SONS (For Stone & Timber), Detroit, Mich. (See adv. index, end of book)
Connellsville Machine & Car Co., Connellsville, Pa.
Niles Mine & Mill Supply Co., Cleveland, O., & Niles, O.

Latches (Barn Door)

Allith Mfg. Co. ("Allith"), Taylor c S 43d av, Chicago, Ill.
Arcade Mfg. Co., Freeport, Ill.
Brewer Bros. (Wrought), 614 Filbert, Phila., Pa.
Hunt, Helm, Ferris & Co., Harvard, Ill.
Lyons Specialty Co., Lyons, Iowa
Penn Hardware Co., Reading, Pa.
Stover Mfg. Co., Freeport, Ill.
Wrightsville Hdw. Co. (Wrought), Wrightsville, Pa.

Latches (Fire Door)

Peters, Jas. & Son (Wrought Iron), 1934 N Front, Phila., Pa.
Slaymaker, S. R., Lancaster, Pa.
Stover Mfg. Co., Freeport, Ill.
Wilcox Mfg. Co. (Steel), Aurora, Ill.
Wrightsville Hardware Co., Wrightsville, Pa.

Latches (Gate)

Brewer Bros. (Wrought, with Catch & Staple), 614 Filbert, Phila., Pa.
Clark Mfg. Co. (Animal Proof), Buffalo, N. Y.
Kupferle, Jno. C., 2d & Mound, St. Louis, Mo.
Penn Hardware Co., Reading, Pa.
Weller Hardware & Foundry Co., Horseheads, N. Y.
Wilcox Mfg. Co. (Wilcox-Ericson Steel), Aurora, Ill.
Wrightsville Hardware Co. ("Shepard's," "St. Louis," Pattern, etc.), Wrightsville, Pa.

Latches (Night)

Bohannan, Wilson, 760 Lexington, Brooklyn, N. Y.
Climax, J. H. W., 275 Passaic, Newark, N. J.
Dayton Supply Co. (Non-Pickable), Dayton, O.
Penn Hardware Co., Reading, Pa.
Slaymaker, S. R., Lancaster, Pa.

Latches (Sliding Door)

(See Locks & Latches, Sliding Door)

Latches (Thumb)

Brewer Bros. (Wrought), 614 Filbert, Phila., Pa.
Penn Hardware Co., Reading, Pa.
Peters, Jas. & Son (Wrought Iron), 1934 N Front, Phila., Pa.
Wrightsville Hardware Co., Wrightsville, Pa.

Lath Binders & Trimmers.

Butterworth & Lowe, Grand Rapids, Mich.
Diamond Iron Works, Minneapolis, Minn.
Garland, M. & Co., Bay City, Mich.
Hill, Wm. E. & Co., Kalamazoo, Mich.
Lane Mfg. Co., Montpelier, Vt.
Mitts & Merrill, Saginaw, Mich.
Murray, D. J. Mfg. Co., Wausau, Wis.
Phoenix Mfg. Co., "Combined," Eau Claire, Mich.
Standard Saw Mill Machinery Co., Erie., Pa.
Wickes Bros., Saginaw, Mich.

Lath Bolters

(See Lath Mills & Bolters.)

Lath (Expanded Metal)

AMERICAN SHEET & TIN PLATE Co., Frick bldg, Pittsburg, Pa. District Sales Offices: Battery Park bldg, New York; Rookery bldg, Chicago, Ill.; Union Trust bldg, St. Louis, Mo.; Portland, Ore.; Hennen bldg, New Orleans, La.; Denver, Colo.; Detroit, Mich., & San Francisco, Cal. (See adv. index, end of book)

BUFFALO EXPANDED METAL CO., D. S. Morgan bldg, Buffalo, N. Y. (See adv. index, end of book)

CENTRAL EXPANDED METAL CO., 541 Wood, Pittsburg, Pa. (See adv. index, end of book)

EASTERN EXPANDED METAL CO., 101 Tremont, Boston, Mass. (See adv. index, end of book)

EXPANDED METAL ENGINEERING Co., 256 B'way, New York. (See adv. index, end of book)

EXPANDED METAL FIREPROOFING Co. of Pittsburg, 541 Wood, Pittsburg, Pa. (See adv. index, end of book)

EXPANDED METAL FIREPROOFING Co., Ltd., Toronto, Canada. (See adv. index, end of book)

Imperial Expanded Metal Lath Co., Monadnock blk, Chicago, Ill.

MERRITT & CO., 1024 Ridge av. Philadelphia, Pa. (See adv. index, end of book)

MILWAUKEE CORRUGATING CO. (Jobbers), Milwaukee, Wis. (See adv. index, end of book)

NATIONAL CONCRETE FIRE-PROOFING Co., New England bldg., Cleveland, O., Builders Exchange, Pittsburg, Pa., & Builders' Exchange, Baltimore, Md. (See adv. index, end of book)

NORTHWESTERN EXPANDED METAL CO., Old Colony bldg, Chicago, Ill. (See adv. index, end of book)

ST. LOUIS EXPANDED METAL & Fireproofing Co., Century bldg, St. Louis, Mo. (See adv. index, end of book)

SOUTHERN EXPANDED METAL CO., 1237 G, N W, Washington, D. C. (See adv. index, end of book)

TRUSS METAL LATH COMPANY ("Kuhne's"), 15-25 Whitehall, New York. (See adv. next page)

Waukesha Expanded Metal Co., Waukesha, Wis.

WESTERN EXPANDED METAL & Fireproofing Co., San Francisco, Cal. (See adv. index, end of book)

Youngstown Iron & Steel Roofing Co., Youngstown, O.

Lath Fasteners (Metallic)

Star Stud & Lath Tool Co. ("Star"), Indianapolis, Ind.

Lath (Metal)

AMERICAN SHEET & TIN PLATE Co., Frick bldg, Pittsburg, Pa. District Sales Offices: Battery Park bldg, N. Y.; Rookery bldg, Chicago, Ill.; Chemical bldg, St. Louis, Mo.; Union Trust bldg, Cincinnati, O.; Union Trust bldg, Detroit, Mich.; Equitable bldg, Denver, Colo.; Hennen bldg, New Orleans, La.; Ainsworth blk, Portland, Ore., & Mills bldg, San Francisco, Cal. (See adv. index, end of book)

BERGER MFG. CO., Main Office & Works, Canton, O. Branches: 210 E 23d, New York; 1215 Filbert, Phila., Pa.; 176 Federal, Boston, Mass.; 623 N Main, St. Louis, Mo.; 23 Lake, Chicago, Ill. (See adv. index, end of book)

BOSTWICK STEEL LATH CO., Niles, O. (See adv. below)

Cambridge Roofing Co., Cambridge, O.

Canonsburg Iron & Steel Co. (Schratwieser's Patents), 421 Wood, Pittsburg, Pa.

CENTRAL EXPANDED METAL CO., (Steel), 541 Wood, Pittsburg, Pa. (See adv. index, end of book)

EASTERN EXPANDED METAL CO., 101 Tremont, Boston, Mass. (See adv. index, end of book)

EXPANDED METAL ENGINEERING Co., 256 B'way, New York. (See adv. index, end of book)

EXPANDED METAL FIREPROOFING Co. of Pittsburg, 541 Wood, Pittsburg, Pa. (See adv. index, end of book)

EXPANDED METAL FIREPROOFING Co., Ltd., Toronto, Canada. (See adv. index, end of book)

General Fire-Proofing Co. (Herringbone), Youngstown, O.; 156 5th av, New York; Pittsburg, Pa.; Chicago, Ill., & Washington, D. C.

Hayes, George Co., 71 8th av, New York

Imperial Expanded Metal Lath Co., Monadnock blk, Chicago, Ill.

Knapp Bros., 123 Franklin, Chicago, Ill.

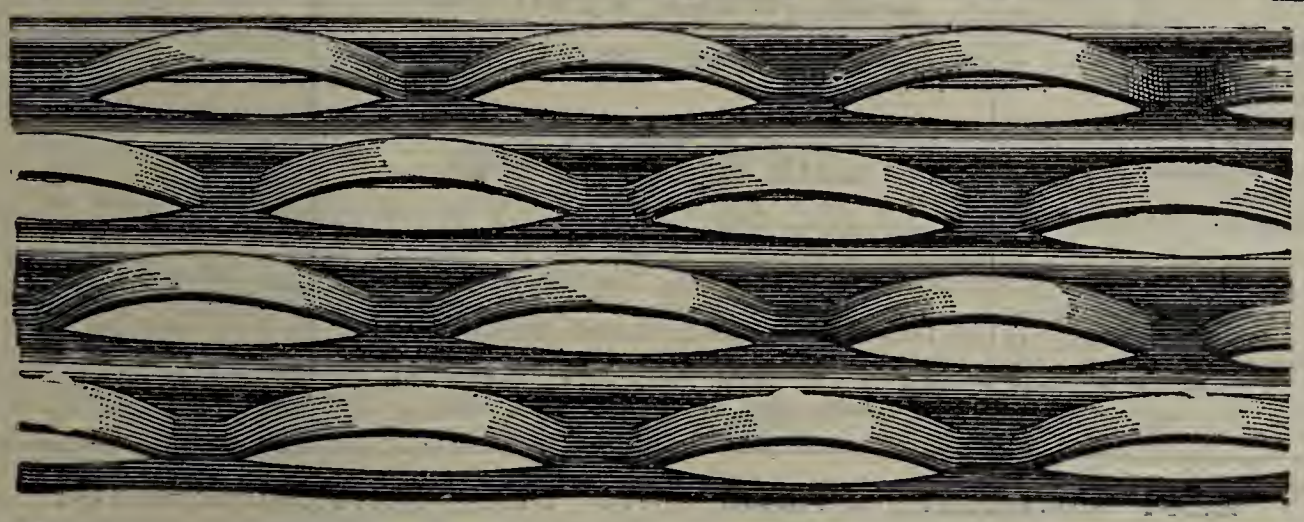
LAWES, GEO. H. & CO. (Mfrs.' Agts.), 4th & Jackson, St. Paul, Minn. (See adv. index, end of book)

MERRITT & CO., 1024 Ridge av, Philadelphia, Pa. (See adv. index, end of book)

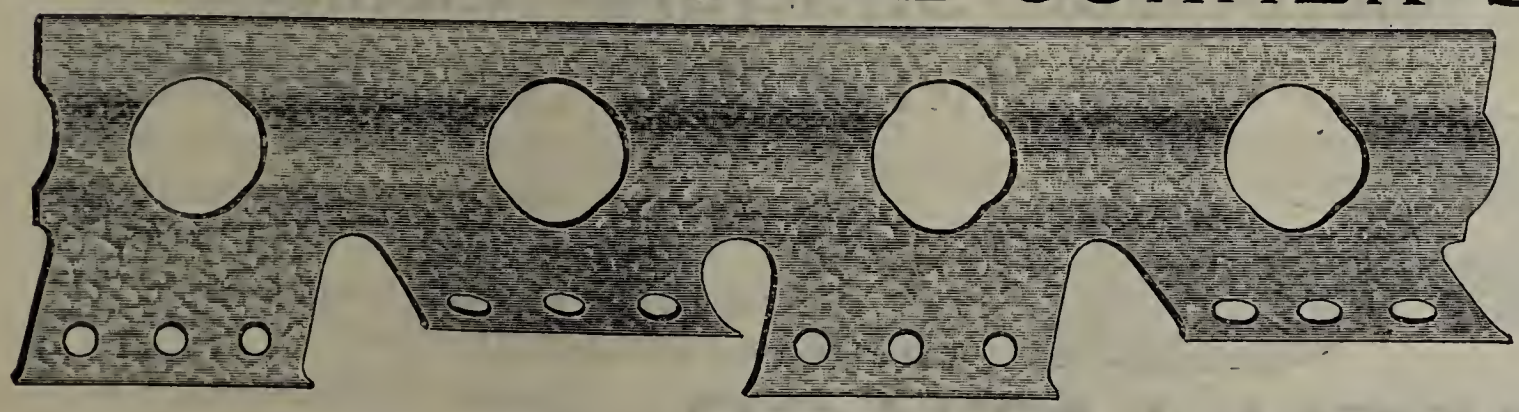
MANNING, MAXWELL & MOORE, 85, MILWAUKEE CORRUGATING CO., Milwaukee, Wis. (See adv. index, end of book)

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ACME METAL CORNER STRIP.



FOR PLASTER CORNERS.

The Improved Bostwick Steel Lath, tried and true, has been manufactured for the past ten years, and used throughout the United States in the best public and private buildings. It is strong, stiff and easy to apply. Write for Price. Samples of Lath and Corner Strips furnished on application.

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Penn Metal Ceiling & Roofing Co. ("American" & "Penn"), 23d & Hamilton, Phila., Pa.
ROEBLING CONSTRUCTION CO., Fuller bldg, B'way & 23d, New York. Branches: Boston, Philadelphia, Pittsburg, Buffalo, Cleveland, Chicago, St. Louis, Seattle & San Francisco. (See adv. opp. page)
ST. LOUIS EXPANDED METAL & Fireproofing Co., Century blg, St. Louis, Mo. (See adv. index, end of book)
Schratwieser's Metal Lath Works, 426 to 432 3d av., Brooklyn, N. Y.
SOUTHERN EXPANDED METAL CO., 1237 G, N W, Washington, D. C. (See adv. index, end of book)
Sykes Metal Lath & Roofing Co., Niles, O., & 600 S Morgan, Chicago, Ill.
SYKES STEEL ROOFING CO., 600 S Morgan, Chicago, Ill. (See adv. index, end of book)
TRUSS METAL LATH COMPANY ("Kuhne's"), 15-25 Whitehall, New York. (See adv. below)
WESTERN EXPANDED METAL & Fireproofing Co., San Francisco, Cal. (See adv. index, end of book)
WHEELING CORRUGATING CO., Wheeling, W. Va.; 47 Cliff, N. Y.; 45 Lake, Chicago; 132 Pearl, Boston, Mass.; 402 Race, Phila., Pa.; 112 S 8th, St. Louis, Mo., & Chattanooga, Tenn. (See adv. index, end of book)
Youngstown Iron & Steel Roofing Co., Youngstown, O.

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Abbott, D. S. Co. (Combined), Olean, N. Y.
Adams, S. & Son, Rome, N. Y.
Allis-Chalmers Co., Home Ins. bldg., Chicago
American Woodworking Machine Co., 136 Liberty, N. Y.; Williamsport, Pa., & 45 S. Canal, Chicago, Ill.
Butterworth & Lowe, Grand Rapids, Mich.
Chase Turbine Mfg. Co., Orange, Mass.
Diamond Iron Works, Minneapolis, Minn.
FILER & STOWELL CO., Becher & Ziemer, Milwaukee, Wis. (See adv. index, end of book)
Frank Machinery Co., Buffalo, N. Y.
Garland, M. Co., Bay City, Mich.
Hill, Wm. E. & Co., Kalamazoo, Mich.
Howell, R. R. & Co., Minneapolis, Minn.
Kline, Lewis T., Alpena, Mich.
Lane Mfg. Co. (Combine), Montpelier, Vt.
Mitts & Merrill, Saginaw, Mich.
Moltz, Jacob J. (Combination), Williamsport, Pa.
Murray, D. J. Mfg. Co., Wausau, Wis.
Phoenix Mfg. Co., Eau Claire, Wis.
Smith, Myers & Schnier Co., 621 W Front, Cincinnati, O.
Standard Saw Mill Machinery Co., Erie, Pa.
United States Machine Co. (Combined or Separate), Williamsport, Pa.
Union Iron Works, Bangor, Me.
Wheland Machine Works (Combined), Chattanooga, Tenn.
Wickes Bros., Saginaw, Mich.

Lath (Sheet Iron)

(See Lath Metal.)

Lath (Steel)

(See Lath Metal.)

Lath (Wire)

Barbee Wire & Iron Works, 44 Dearborn, Chicago, Ill., & Lafayette, Ind.
Clinton Wire Cloth Co., Clinton, Mass.; Sears bldg., Boston, Mass.; 33 Park pl., New York,
DeWitt Wire Cloth Co., 17 Warren, New York; Phila., Pa., & Belleville, N. J.
Gilbert & Bennett Mfg. Co., 42 Cliff, N. Y.; 153 Lake, Chicago, Ill. & Georgetown, Conn.
LAWES, GEO. H. & CO. (Mfrs.' Agts.), Gilfillan blk, St. Paul, Minn. (See adv. index, end of book)
MICHIGAN WIRE CLOTH CO., 500 Howard, Detroit, Mich. (See adv. index, end of book)
NATIONAL MFG. CO., Worcester, Mass.; 103 Chambers New York, & Equitable bldg, Boston, Mass. (See adv. index, end of book)
ROEBLING CONSTRUCTION CO., Fuller bldg, B'way & 23d, New York. Branches: Boston, Philadelphia, Pittsburg, Buffalo, Cleveland, Chicago, St. Louis, Seattle, & San Francisco. (See adv. index, end of book)
SMITH, F. P., WIRE & IRON WORKS, 100 Lake, Chicago, Ill. (See adv. index, end of book)
TYLER, W. S. CO., 1150 St. Clair, Cleveland, O.; 11 B'way, N. Y., & Bessemer blk, Pittsburg, Pa. (See adv. index, end of book)
Voss, Fred'k, 617 to 621 Austin av, Chicago, Ill.
WRIGHT WIRE CO., Worcester, Mass. (See adv. index, end of book)

Lath (Wood, Byrkit-Hall)

Byrkit-Hall Sheathing Lath Co., 84 La Salle, Chicago, Ill.

Lath & Picket Mills

Abbott, D. S. Co., Olean, N. Y.
Adams, S. & Son, Rome, N. Y.
American Woodworking Machine Co., 136 Liberty, N. Y.
Butterworth & Lowe, Grand Rapids, Mich.
Chase Turbine Mfg. Co., Orange, Mass.
Curtis & Co. Mfg. Co., 2201 Wash'n av, St. Louis, Mo., & 42 S Canal, Chicago, Ill.
Filer & Stowell Mfg. Co., Milwaukee, Wis.
Frank Machinery Co., 50 Mechanic, Buffalo, N.Y.
Garland, M. & Co., Bay City, Mich.
Hill, W. E. & Co., Kalamazoo, Mich.
Howell, R. R. & Co., Minneapolis, Me.
Kline, Lewis T., Alpena, Mich.
Lane Mfg. Co., Montpelier, Vt.
Mitts & Merrill, Saginaw, Mich.
Murray, D. J. Mfg. Co., Wausau, Wis.
Phoenix Mfg. Co., Eau Claire, Wis.
Power, L. & Co., 20 S 23d, Phila., Pa.
Smith, H. B. Machine Co., Smithville, N. J., & 121 Liberty, N. Y.
Smith, Myers & Schnier Co., 621 W Front, Cincinnati, O.
Union Iron Works, Bangor, Me.
Wickes Bros., Saginaw, Mich.

Lathe Dogs

(See Dogs, Lathe)

Lathes (Axle Turning)

Bridgeford, Chas. (Single & Double Head), Rochester, N. Y.
Defiance Machine Works, Defiance, O.
Johnson, Israel H., Jr., Co., Inc., 1424 Callowhill, Phila., Pa.
Lodge & Shipley Machine Tool Co., Cincinnati, O.
Niles-Bement-Pond Co., 136 Liberty, N. Y. Works: Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Putnam Machine Co., Fitchburg, Mass.
Sellers, Wm. & Co. (Inc., Double Head), 1600 Hamilton, Philadelphia, Pa.
Spears & Riddle Co., Wheeling, W. Va.
Williams, White & Co. (For Wagon Companies), Moline, Ill.

Lathes (Automobile Crank Axle Turning)

Bogert, John L., Flushing, B. Q., N. Y.

Lathes (Barrel)

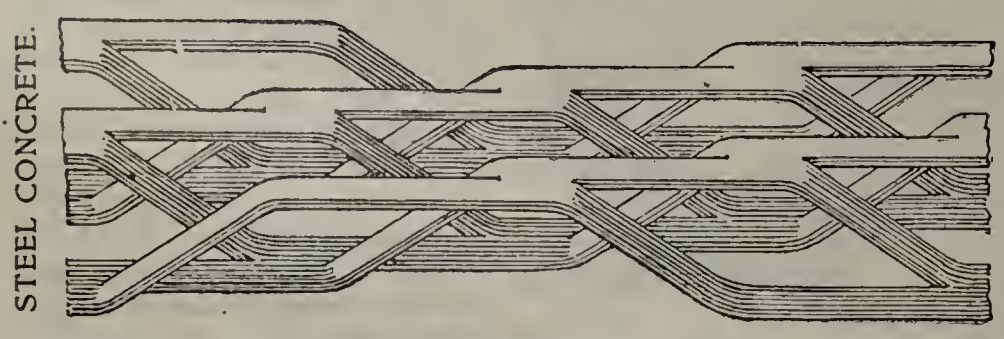
Strait, H. N., Kansas City, Mo.

Lathes (Bench)

American Watch Tool Co., Waltham, Mass.
Cataract Tool & Optical Co., Buffalo, N. Y.
Davis, W. P., Machine Co., Rochester, N. Y.
Diamond Machine Co., Providence, R. I.
Faneuil Watch Tool Co., 1 Brooks, Br., Boston
Fenn-Sadler Machine Co., Hartford, Conn.
Garvin Machine Co., 137 Varick, N. Y.
Gump, A. W. & Co., Dayton, O.
Kidder, R. E., 2 Hermon, Worcester, Mass.
Massachusetts Tool Co., Greenfield, Mass.

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Niles-Bement-Pond Co., Main Office, 136 Liberty, N. Y. Works: Hamilton, Ohio; Phila., Pa., and Plainfield, N. J.
Pratt & Whitney Co., Hartford, Conn.
Sloan & Chace Mfg. Co. (Ltd.), Newark, N. J.
Stark Tool Co., Waltham, Mass.
Waltham Watch Tool Co. (Watchmakers), Springfield, Mass.
Welch, T. F. & Co., 65 Sudbury, Boston

Lathes (Bolt & Stud)

Davis, W. P. Machine Co., Rochester, N. Y.
Gould & Eberhardt, Newark, N. J.
Johnson, Israel H., Jr., Co., 1424 Callowhill, Phila., Pa.
Niles-Bement-Pond Co., 136 Liberty, N. Y. Works: Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Reed, F. E. Co., 120 Gold, Worcester, Mass.

Lathes (Brass Finishers')

AMERICAN TOOL & MACHINE CO., 109 Beach, Boston, Mass.
American Tool Works Co., 6th & Eggleston av, Cincinnati, O.; 120 B'way, N. Y., & Frick bldg., Pittsburg, Pa.
Baker-Reseck Machine Tool Co., 261 Quincy, Cleveland, O.
Bardons & Oliver, 20 Water, Cleveland, O.
Cleveland Automatic Machine Co., 131 2d av, Cleveland, O.
Cross & Speirs Machine Co., Waterbury, Conn.
Dreses Machine Tool Co., Cincinnati, O.
National Machine Co., Milwaukee, Wis.
Niles-Bement-Pond Co., 136 Liberty New York. Works: Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Pratt & Whitney Co., Hartford, Conn.
Pryibil, P. (Estate of), 510 W 41st, New York
Springfield Machine Tool Co., Springfield, O.
Warner & Swasey, 57 E. Prospect, Cleveland, Ohio
Windsor Machine Co. (and Plain Monitors), Windsor, Vt.

Lathes (Broom Handle)

Kline, Lewis T., Alpena, Mich.
Ober Mfg. Co., Chagrin Falls, O.
Trevor Mfg. Co., Lockport, N. Y.

Lathes (Buffing & Polishing)

(See also Machinery, Buffing & Polishing.)
American Tool Works Co., 6th & Eggleston av, Cincinnati, O.
Barnes, W. F. & Jno. Co., Rockford, Ill.
Bridgeport Safety Emery Wheel Co., Bridgeport, Conn.
Buchanan, Thos. & Co., 216 Elm, Cincinnati,
Buescher Mfg. Co., Elkhart, Ind. O.
Challenge Machine Co., 3223 Turner, Phila., Pa.
Cross & Spiers Machine Co., Waterbury, Conn.
Diamond Machine Co., Providence, R. I.
Evans, Jno. Sons, 506 N 13th, Phila., Pa.
Florence Machine Co., Florence, Mass.
Garvin Machine Co., 137 Varick, N. Y.
Goodell-Pratt Co., Greenfield, Mass.
Gould & Eberhard, Newark, N. J.
Greenlee Bros. & Co., 225 W 12th, Chicago
Hibbard, Wm. H., 79 Wash'n, Brooklyn, N. Y.
MANNING, MAXWELL & MOORE, S5, 87 & 89 Liberty, New Yorkffi 22, 24 & 26 S Canal, Chicago, Ill.; Park bldg, Pittsburg, Pa.; Williamson bldg, Cleveland, O.; 128 Oliver, Boston, Mass.; 721 Arch, Phila., Pa.; 1305 Frisco bldg, St. Louis, Mo. (See adv. index, end of book)
Northampton Emery Wheel Co., Leeds, Mass.
Oliver, W. W. Mfg. Co., Buffalo, N. Y.
Parkhurst Bros. & Co., 218 Kentucky av, Indianapolis, Ind.
Pryibil, P. (Est. of), 512 W 41st, N. Y.
Reichhelm, E. P. & Co., 23 John, N. Y.
Safety Emery Wheel Co., Springfield, Ohio
Springfield Mfg. Co., Bridgeport, Conn.
Standard Emery & Supply Co., Easton, Pa.
Star Corundum Wheel Co. (Ltd.), Detroit, Mich.
Sterling Emery Wheel Co., Tiffin, Ohio
Tanite Co., Stroudsburg, Pa.
Waterbury-Farrell Foundry & Machine Co., Waterbury, Conn.
Watson-Stillman Co. (Buffing & Polishing Lathes), 46 Dey, N. Y.
Webster & Perks Tool Co. (Self-oiling), Springfield, O.
Zucker & Levett & Loeb Co., 528 W 25th, N. Y.

Lathes (Car & Driving Wheel)

Betts Machine Co., Wilmington, Del.
Niles-Bement-Pond Co., Main Office, 136 Liberty, N. Y. Works: Hamilton, O.
Prentiss Tool & Supply Co. (Mfrs.' Agts.), 115 Liberty, N. Y.
Putnam Machine Co., Fitchburg, Mass.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.

Lathes (Chasing)

(See Lathes, Brass Finishers'.)

Lathes (Chucking)

American Tool Works Co., 6th & Eggleston av, Cincinnati, O.; 120 B'way, N. Y., & Frick bldg., Pittsburg, Pa.
Barker, W. & Co., Pioneer & Calvert, Cincinnati, O.
Blaisdell, P. & Co., Worcester, Mass.
Draper Machine Tool Co., Worcester, Mass.
Fitchburg Machine Works, Fitchburg, Mass.
Flather & Co., Nashua, N. H.
Florence Machine Co., Florence, Mass.
Garvin Machine Co., 141 Varick, N. Y.
Jones & Lamson Machine Co., Springfield, Vt.
Lodge & Shipley Machine Tool Co., 3055 Colerain av., Cincinnati, O.
Lombard, E. K. (Turret), Worcester, Mass.
New Haven Mfg. Co., New Haven, Conn.
Niles-Bement-Pond Co., 136 Liberty, New York Works: Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Pratt & Whitney Co., Hartford, Conn.
Reed, F. E. Co. (Turret Head), 120 Gold, Worcester, Mass.
Springfield Machine Tool Co., Springfield, O.
Windsor Machine Co., Windsor, Vt.

Lathes (Chucking Turret)

(See Lathes, Chucking.)

Lathes (Crank Shaft Turning)

(See Lathes, Shaft Turning; also Crank Pin Turning Machines.)

Lathes (Cutting Off)

Hulburt-Rogers Co., S Sudbury, Mass.
Niles-Bement-Pond Co., 136 Liberty, New York Works: Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Pratt & Whitney Co., Hartford, Conn.
Putnam Machine Co., Fitchburg, Mass.

Lathes (Drill)

Diamond Machine Co. (Center), Providence, R. I.

Lathes (Driving Wheel)

(See Lathes, Car & Driving Wheel.)

Lathes (Engine)

American Tool Works Co., 6th & Eggleston av, Cincinnati, O.
Bagshaw & Field, 317 Cherry, Phila., Pa.
Barker, W. & Co., c Pioneer & Calvert, Cincinnati, O.
Barnes, B. F. Co., Rockford, Ill.
Barnes, W. F. & John Co., Rockford, Ill.
Blaisdell, P. & Co., Worcester, Mass.
Bliss, E. W. Co., 19 Adams, Brooklyn, N. Y.
Bogert, Jno. L. (Turret), Flushing, L. I., N. Y.
Bradford Machine Tool Co. (14 to 36-inch Swing), Cincinnati, O.
Bridgeford, Chas., Rochester, N. Y.
Bullard Machine Tool Co., Bridgeport, Conn.
Davis, W. P. Machine Co., Rochester, N. Y.
Detrick & Harvey Machine Co., 508 E Preston, Baltimore, Md
Dietz Machine Tool Co., Garrard av & Elam, Cincinnati, O.
Draper Machine Tool Co. (24-inch swing screw-setting), Worcester, Mass.
Fay & Scott, Dexter, Me.
Fifield, Geo. W. (17 to 84-inch swing), Lowell, Mass.
Fitchburg Machine Works, Fitchburg, Mass.
Flather & Co. (screw cutting, etc.), Nashua, N. H.
Garvin Machine Co., 137 Varick, New York
Gleason Tool Co., 10 Brown's Race, Rochester, N. Y.
Goddard Machine Co., Holyoke, Mass.
Gould & Eberhardt, Newark, N. J.
Gray, G. A. Co., Gest & Depot, Cincinnati, O.
Greaves, Klusman & Co., c Cook & Alfred, Cincinnati, O.
Hamilton Machine Tool Co., Hamilton, O.
Harrington, Edwin & Son Co., 1515 Penn av, Phila., Pa.
Hendey Machine Co., Torrington, Conn.
Johnson, Israel H., Jr., Co., 1424 Callowhill, Phila., Pa.
Lane Tool Co., 1196 Hamilton, Cleveland, O.
Le Blond, R. K. Machine Tool Co., 4609 Eastern av, Cincinnati, O.
Lodge & Shipley Machine Tool Co., 3055 Colerain av., Cincinnati, O.
McCabe, J. J., 14 Dey, New York
Mann, Chas. A., 166 Doyle av, Providence, R. I.
MANNING, MAXWELL & MOORE, S5, 87, 89 Liberty, N. Y.; 22, 24, 26 S Canal, Chicago, Ill.; 721 Arch, Phila., Pa.; Park bldg, Pittsburg, Pa., & Williamson blk, Cleveland, O. (See adv. index, end of book)
Miami Valley Machine Tool Co. (13 1-2 inch), Dayton, O.
New Haven Mfg. Co., New Haven, Conn.
Niles-Bement-Pond Co., 136 Liberty, N. Y. Works, Hamilton O.; Philadelphia, Pa., & Plainfield, N. J.
Pittsburg Machine Tool Co., Allegheny, Pa.
Pratt & Whitney Co., Hartford, Conn.
Prentice Bros. Co. (12 to 26-inch Swing), Worcester, Mass.
Putnam Machine Co., Fitchburg, Mass.
Rahn-Mayer-Carpenter Co., Spring Grove & Garrard avs, Cincinnati, O.
Reed, F. E. Co., 120 Gold, Worcester, Mass.
Reed, J. B. (Screw Cutting), Cairo, Ill.
Ridgeway Machine Tool Co., Ridgeway, Pa.
Robbins, L., Worcester, Mass.
Schumacher & Boye, Buck & Queen City av, Cincinnati, O.
Sebastian Lathe Co., Covington, Ky.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.
Seneca Falls Mfg. Co. (foot & power screw cutting), Seneca Falls, N. Y.
Shepard Lathe Co. (foot & power), 129 W 2d, Cincinnati, O.
Silk Machine Tool Co., 419 E. 2d, Cincinnati, O.
Snyder & Metcalf, Waterford, N. Y.
Springfield Machine Tool Co. (14, 18 & 24-inch), Springfield, O.
Streit, A. Machine Co., Cincinnati, O.
Washburn Shops of the Polytechnic Institute, Worcester, Mass.
Wickes Bros., Saginaw, Mich.
Wolcott, Geo. D. & Son, Jackson, Mich.
Young, W. C. Mfg. Co., Worcester, Mass.

Lathes (Facing)

Reed, F. E. Co., 120 Gold, Worcester, Mass.

Lathes (Foot Power)

Bagshaw & Field, 317 Cherry, Phila., Pa.
Barnes, B. F. Co., Rockford, Ill.
Barnes, W. F. & John Co., Rockford, Ill.
Davis, W. P. Machine Co., Rochester, N. Y.
Garvin Machine Co., 137 Varick, New York
Gould & Eberhardt, Newark, N. J.
Mann, Chas. A., 166 Doyle av., Providence, R. I.
Niles-Bement-Pond Co., 136 Liberty, N. Y. Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Prentice Bros. Co., Worcester, Mass.
Purdy Machine Co. (9 & 10 swing), Ghent, O.
Quackenbush, H. M., Herkimer, N. Y.
Reed, F. E. Co. (Plain), 120 Gold, Worcester, Sebastian Lathe Co., Covington, Ky. Mass.
Seneca Falls Mfg. Co., Seneca Falls, N. Y.
Shepard Lathe Co. (Turret), 129 W 2d, Cincinnati, O.
Wells Bros Co., Greenfield, Mass.
Young, W. C. Mfg. Co., Worcester, Mass.

Lathes (Forging)

(See Lathes, Engine)

Lathes (Forming)

Dreses Machine Tool Co., 2259 Buck, Cincinnati, Ohio
Niles-Bement-Pond Co., 136 Liberty, N. Y. Works: Hamilton, O.; Phila., Pa., and Plainfield, N. J.
Reed F. E. Co., 120 Gold, Woreester, Mass.

Lathes (Fox Monitor)

(See Lathes, Brass Finishers.)

Lathes (Gap)

(See Lathes, Engine.)

Lathes (Gauge)

American Woodworking Machine Co., 136 Liberty, N. Y.; 45 S. Canal, Chicago, & Williamsport, Pa.
Bentel & Margedant Co., Hamilton, O.
Davis, Geo. E., Dubuque, Ia.
Fay, J. A. & Egan Co., c Front & John, Cincinnati, O.
Fay & Scott, Dexter, Me.
Goodspeed Machine Co., Winchenden, Mass.
Smith, H. B. Machine Co. (Brown & Howe's Automatic), Smithville, N. J., & 121 Liberty, N. Y.
Trevor Mfg. Co., Lockport, N. Y.
Yerkes & Finan Wood Working Machine Co., St. Louis, Mo.

Lathes (Granite Column)

Whitcomb Bros., Barre, Vt.

Lathes (Granite Polishing)

(See also Machinery, Stone Polishing.)

Whitcomb Bros., Barre, Vt.

Lathes (Grinding)

Pratt & Whitney Co., Hartford, Conn.
Storey General Electric Co., Trenton, N. J.

Lathes (Gun Turning & Boring)

Johnson, Israel H., Jr., Co., 1424 Callowhill, Phila., Pa.
Niles-Bement-Pond Co., Main Office, 136 Liberty, N. Y. Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Phila. Roll & Machine Co., S 23d & Washington av, Phila., Pa.
Pratt & Whitney Co., Hartford, Conn.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.

Lathes (Hand)

American Tool Works Co., 6th & Eggleston av, Cincinnati, O.; 120 B'way, N. Y., & Frick bldg., Pittsburg, Pa.
Barnes, W. F. & John Co. (Foot & Power), Rockford, Ill.
Blaisdell, P. & Co., Worcester, Mass.
Brown & Sharpe Mfg. Co., Providenee, R. I.
Cross & Speirs Machine Co., Waterbury, Conn.
Diamond Machine Co. (Lever & Screw Feed), Providenee, R. I.
Draper Machine Tool Co., Worcester, Mass.
Dreses Machine Tool Co., Cincinnati, O.
Fitchburg Machine Works, Fitchburg, Mass.
Garvin Machine Co., 137 Varick, New York
Gould & Eberhardt, Newark, N. J.
Johnson, Israel H., Jr., Co., 1424 Callowhill, Phila., Pa.
Mann, Chas. A., 166 Doyle av, Providence, R. I.
Niles-Bement-Pond Co., 136 Liberty, N. Y. Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Oliver, W. W., Mfg. Co. (Foot & Power), 1483 Niagara, Buffalo, N. Y.
Pratt & Whitney Co., Hartford, Conn.
Prentice Bros. Co., Worcester, Mass.
Reed, F. E. Co., 120 Gold, Woreester, Mass.
Richardson-Oliver Co. (For Light Work), Athol, Mass.
Seneca Falls Mfg. Co. (Foot & Power), Seneca Falls, N. Y.
Warner & Swasey, 57 E. Prospect, Cleveland, O.
Young, W. C., Mfg. Co., Worcester, Mass.

Lathes (Handle Turning)

(See also Lathes, Wood Turning.)

American Wood Working Machine Co., 136 Liberty, N. Y.; 45 S. Canal, Chicago, & 94 Pearl, Boston, Mass.
Bentel & Margedant Co., Hamilton. O.
Defiance Machine Works (Also Automatic), Defiance, O.
Empire Machine Works, Mt. Morris, N. Y.
Fay, J. A., & Egan Co., John c. Front, Cincinnati, O.
Garvin Machine Co., 137 Varick, New York
Kline, Lewis T. (Broom Handle, etc.), Alpena, Mich.
Klotz Machine Co., Sandusky, O.
Ober Mfg. Co., Chagrin Falls, O.
Pringle & Brodie, 277 S Canal, Chicago, Ill.
Seymour & Whitlock, Newark, N. J.
Smith, H. B. Machine Co., Smithville, N. J., & 121 Liberty, N. Y.
Trevor Mfg. Co., Lockport, N. Y.
Waymoth, A. D. & Co., Fitchburg, Mass.
Wilder, Chas. W. (Auger, Paint Brush, File, etc.), Fitchburg, Mass.

Lathes (Ingot)

(See Lathes, Engines.)

Lathes (Insulator)

Trevor Mfg. Co. (Turning & Threading), Lockport, N. Y.

Lathes (Knurling)

Waterbury Farrell Foundry & Machine Co., Waterbury, Conn.

Lathes (Last)

Gilman & Son, Springfield, Vt.
Kimball Bros. & Sprague (Block & Turning), Brockton, Mass.

Lathes (Marble Turning)

(See Lathes, Stone.)

Lathes (Monitor)

(See Lathes, Turret.)

Lathes (Neck-Yoke & Singletrees)

Trevor Mfg. Co., Lockport, N. Y.

Lathes (Optical Grinding)

Carr, Jos. (Also Discs), 132 N 7th, Phila., Pa.
Cataract Tool & Optical Co., Buffalo, N. Y.

Lathes (Pattern Makers')

American Wood Working Machinery Co., 136 Liberty, New York; 45 S. Canal, Chicago, & Williamsport, Pa.
Atlantic Works, 23d & Arch, Phila., Pa.
Bentel & Margedant Co., Hamilton, O.
Blaisdell, P. & Co., Worcester, Mass.
Cordesman Machine Co., 25 Butler, Cincinnati, O.
Fay, J. A. & Egan Co., Front & John, Cincinnati, O.
Fay & Scott, Dexter, Me.
Fitchburg Machine Works, Fitchburg, Mass.
Frank Machinery Co., 50 Mechanic, Buffalo, N. Y.
Gould & Eberhardt, Newark, N. J.
Greaves, Klusman & Co., Cook c. Alford, Cincinnati, O.
National Machine Works, Milwaukee, Wis.
New Haven Mfg. Co., New Haven, Conn.
Oliver Machinery Co., Grand Rapids, Mich.
Purdy Machine Co., Ghent, O.
Putnam Machine Co., Fitchburg, Mass.
Robbins, L., Worcester, Mass.
Rogers, C. B. & Co., Norwich, Conn.

Lathes (Photo-Engravers')

Royle, Jno. & Sons (Inc.). Paterson, N. J.

Lathes (Polishing)

(See Lathes, Buffing & Polishing.)

Lathes (Polishing & Grinding)

Ams, Max Machine Co. (For Metals, Glass, etc.), 372 Greenwich, New York

Lathes (Precision)

Faneuil Watch Tool Co. (The Rivett), Brighton, Boston, Mass.
Massachusetts Tool Co., Greenfield, Mass.
Stark, John, Waltham, Mass.

Lathes (Projectile Boring & Turning)

(See Lathes, Gun Turning & Boring.)

Lathes (Pulley Turning)

American Tool Works Co., 6th & Eggleston av, Cincinnati, O.; 120 B'way, N. Y., & Frick bldg., Pittsburg, Pa.
New Haven Mfg. Co., New Haven, Conn.
Niles-Bement-Pond Co., 136 Liberty, N. Y. Works: Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Prentice Bros. Co., Worcester, Mass.
Putnam Machine Co., Fitchburg, Mass.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.
Streit, A. Machine Co., 309 W 2d, Cincinnati, O.
Wood's, T. B. Sons, Chambersburg, Pa.

Lathes (Roll Polishing)

Gould & Eberhardt, Newark, N. J.

Lathes (Roll Turning)

(See also Machinery, Rolling Mill.)

Gould & Eberhardt, Newark, N. J.
Hogg, Geo. A. Iron & Steel Foundry Co., 24th & R. R., Pittsburg, Pa.
Lewis Foundry & Machine Co., Pittsburg, Pa.
Mesta Machine Co., Lewis blk, Pittsburg, Pa.
Morgan Construction Co., Woreester, Mass.

Phila. Roll & Machine Co., S 23d & Washington av, Phila., Pa.
Phillips & McLaren, 24th & Smallman, Pittsburg, Pa.
Pittsburg Shear & Knife Machine Co., Pittsburg, Pa.
Scaife Foundry & Machine Co., Pittsburg, Pa.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.
Trethewey, Sam'l & Co., Pittsburg, Pa.
United Engineering & Foundry Co., Farmers' Bank bldg, Pittsburg, Pa.

Lathes (Roughing)

Schumacher & Boye, Queen City av. & Buck, Cincinnati, O.
United Engineering & Foundry Co., 54th & A V Ry, Pittsburg, Pa., & Youngstown, O.

Lathes (Screw Cutting)

See also Lathes, Engine.
Also Lathes, Turret.
Also Screw Machines.

American Tool Works Co. (Screw Cutting Engine), Cincinnati, O.
American Watch Tool Co., Waltham, Mass.
Anderson Silk Co., Cincinnati, O.
Automatic Machine Co. (For Worms & Screws), Bridgeport, Conn.
Automatic Machine Co., Greenfield, Mass.
Barker & Chord Machine Tool Co., Cincinnati, O
Barnes, B. F. Co., Rockford, Ill.
Barnes, W. F. & John Co., Rockford, Ill.
Blaisdell & Co., Worcester, Mass.
Bradford Machine Tool Co., Cincinnati, O.
Bridgeford, Chas., Rochester, N. Y.
Bullard Machine Tool Co., Bridgeport, Conn.
Davis, W. P. Machine Co., Rochester, N. Y.
Detrick & Harvey Machine Co., Baltimore, Md.
Draper Machine Tool Co., Worcester, Mass.
Fay & Scott, Dexter, Me.
Fish, H. C. Machine Works, Worcester, Mass.
Fitchburg Machine Works, Fitchburg, Mass.
Flather & Co., Nassau, N. H.
Goddard Machine Co., Holyoke, Mass.
Greaves, Klusman & Co., Cincinnati, O.
Hamilton Machine Tool Co., Hamilton, O.
Harrington, E. Son & Co., 1505 Penn av, Phila., Pa.
Hendey Machine Co., Torrington, Conn.
Johnson, Eugene E., Worcester, Mass.
Johnson, Israel H., Jr., Co., 1424 Callowhill, Phila., Pa.
Le Blond, R. K. Machine Tool Co., Cincinnati, O.
Lodge & Shipley Machine Tool Co., 3055 Colerain av, Cincinnati, O.
McCabe, J. J., 14 Dey, N. Y.
McMahon & Co., Worcester, Mass.
Mann, Chas. A., Providence, R. I.
New Haven Mfg. Co., New Haven, Conn.
Niles-Bement-Pond Co., 136 Liberty, N. Y. Works: Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Perkins, F. S. Co., Lowell, Mass.
Pittsburg Machine Tool Co., Allegheny, Pa.
Sebastian Lathe Co. (Foot), Covington, Ky.
Seneca Falls Mfg. Co. (Foot), Seneca Falls, N.Y.

Lathes (Shaft Turning)

American Tool Works Co., 6th & Eggleston av, Cincinnati, O.; 120 B'way, N. Y., & Frick bldg., Pittsburg, Pa.
Brightman Mfg. Co., Shelby, O.
Fitchburg Machine Works, Fitchburg, Mass.
Gould & Eberhardt, Newark, N. J.
Johnson, Israel, Jr., Co., 1424 Callowhill, Phila., Pa.
Niles-Bement-Pond Co., 136 Liberty, N. Y. Works: Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.
Springfield Machine Tool Co., Springfield, O.
Tindel-Morris Co. (Crank-Shaft, etc.), Eddystone, Pa.

Lathes (Speed)

American Tool Works Co., 6th & Eggleston av, Cincinnati, O.; 120 B'way, N. Y., & Frick bldg., Pittsburg, Pa.
Automatic Machine Co., Bridgeport, Conn.
Automatic Machine Co., Greenfield, Mass.
Baker-Reseck Machine Tool Co., 261 Quincy, Cleveland, O.
Baush Machine Tool Co., Springfield, Mass.
Blaisdell, P. & Co., Worcester, Mass.
Blount, J. G. & Co., Everett, Mass.
Chickering, W. F., Worcester, Mass.
Diamond Machine Co., Providence, R. I.
Fay & Scott, Dexter, Me.
Fitchburg Machine Works, Fitchburg, Mass.
Garvin Machin Ce., 137 Varick, New York
Kidder, R. E., 2 Hermon, Worcester, Mass.
MANNING, MAXWELL & MOORE (Lever & Screwfeed), 85, 87 & 89 Liberty, N. Y.; 721 Arch, Phila., Pa.; Park bldg, Pittsburg, Pa.; Williamson blk, Cleveland, O.; 126 Oliver, Boston, Mass., 22, 24 & 26 S Canal, Chicago, Ill. (See adv. index, end of book)
Moline Tool Co., Moline, Ill.
National Machine Works, Milwaukee, Wis.
Niles-Bement-Pond Co., Main Office 136 Liberty N. Y. Works: Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Oliver, W. W. Mfg. Co. (Jewelers), 1483 Niagara, Buffalo, N. Y.
Robbins, L., Worcester, Mass.
Sebastian Lathe Co., Covington, Ky.
Seneca Falls Mfg. Co., Seneca Falls, N. Y.
Snyder & Metcalf, Waterford, N. Y.
Spencer, J. E., Bridgeport, Conn.
Warner & Swasey, 57 E. Prospect, Cleveland, Ohio
Washburn Shops of the Polytechnic Institute, Worcester, Mass.
Wells Bros Co., Greenfieled, Mass.
Young, W. C. Mfg. Co., Worcester, Mass.

Lathes (Spinning)

Blake & Johnson, Waterbury, Conn.
Bliss, E. W. Co., 19 Adams, Brooklyn, N. Y.
Cross & Speirs Machine Co., Waterbury, Conn.
Diamond Machine Co., Providence, R. I.
Ferracute Machine Co., Bridgeton, N. J.
Garvin Machine Co., 137 Varick, New York
Gould & Eberhardt, Newark, N. J.
Greaves, Kinsman & Co., c Cook & Alfred, Cincinnati, O.
Hibbard, Wm. H., 79 Wash'n, Brooklyn, N. Y.
Manville, E. J. Machine Co., Waterbury, Conn.
Merriman, A. H., Meriden, Conn.
Niagara Machine & Tool Works, Superior & Randall, Buffalo, N. Y.
Niles-Bement-Pond Co., 136 Liberty, New York Works: Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Pryibil, P. (Estate of), 514 W 41st, New York
Waterbury Farrell Foundry & Machine Co., Waterbury, Conn.

Lathes (Spoke)

(See also Lathes, Handle Turning.)
(Also Lathes, Wood Turning.)

Bentel & Margedant Co., Hamilton, O.
Defiance Machine Works, Defiance, O.
Fay, J. A. & Egan Co., c Front & John, Cincinnati, O.
Humphrey Machine Co., Kerne, N. H.
Klotz Machine Co., Sandusky, O.
Ober Mfg. Co., Chagrin Falls, O.
Trevor Mfg. Co., Lockport, N. Y.

Lathes (Spool)

Kline, Lewis T., Alpena, Mich.

Lathes (Stone Polishing)

(See Machinery, Stone Polishing; also Lathes, Stone.)

Lathes (Stone)

Ellison Bros., 2213 Bridge, Frankford, Philadelphia, Pa.
Hinds, Thomas, Malone, N. Y.
Lincoln Iron Works, Rutland, Vt.
Patch, F. R. Mfg. Co., Rutland, Vt.
Putnam Machine Co., Fitchburg, Mass.
Scoville, H. H. & Co., 1088 Wilcox av, Chicago, Ill.
United States Rapid-Fire Gun & Powder Co., Derby, Conn.

Lathes (Strapping)

Bridgeport Safety Emery Wheel Co., Bridgeport, Conn.
Cutter, Wood & Stevens Co., 68 Pearl, Boston, Mass.
Florence Machine Co., Florence, Mass.
Springfield Mfg. Co., Bridgeport, Conn.

Lathes (Treenail)

Trevor Mfg. Co., Lockport, N. Y.

Lathes (Trimming)

Atlas Foundry & Machine Co., Belleville, N. J.
Cross & Speirs Machine Co., Waterbury, Conn.
Hibbard, Wm. H., 79 Wash'n, Brooklyn, N. Y.
Leffler, Chas. & Co., 63 Clymer, Brooklyn, N. Y.
Manville, E. J. Machine Co., Waterbury, Conn.
Waterbury Farrell Foundry & Machine Co., Waterbury, Conn.

Lathes (Turret)

American Tool Works Co., 6th & Eggleston av., Cincinnati, O.; 120 B'way, N. Y., & Frick bldg, Pittsburg, Pa.
AMERICAN TOOL & MACHINE CO., 109 Beach, Boston, Mass.
Baker-Reseck Machine Tool Co., 261 Quincy, Cleveland, O.
Bardons & Oliver, 20 Water, Cleveland, O.
Bradford Machine Tool Co., Cincinnati, O.
Bullard Machine Tool Co., Bridgeport, Conn.
Cross & Speirs Machine Co. (For Small Screws, Tapping Nuts, etc.), Waterbury, Conn.
Dreses Machine Tool Co. (Universal), Cincinnati, O.
Eddy, Wm. H., Co., Worcester, Mass.
Fay & Scott, Dexter, Me.
Flather & Co., Nashua, N. H.
Foster-Kimball Machine Co. (Or Screw Cutting Machines)3, 71 Fulton, Chicago, Ill.
Garvin Machine Co., 137 Varick, New York
Gisholt Machine Co., Madison, Wis.
Hendey Machine Co., Torrington, Conn.
Johnson, Israel H., Jr., Co., 1424 Callowhill, Phila., Pa.
Lodge & Shipley Machine Tool Co., 3055 Colerain av., Cincinnati, O.
Lombard, E. K., Worcester, Mass.
MANNING, MAXWELL & MOORE, 85, 87 & 89 Liberty, N. Y.; 721 Arch, Phila., Pa.; Park bldg, Pittsburg, Pa.; Williamson blk, Cleveland, O.; 126 Oliver, Boston, Mass., & 22, 24 & 26 S Canal, Chicago, Ill. (See adv. index, end of book)
New Haven Mfg. Co., New Haven, Conn.
Niles-Bement-Pond Co., 136 Liberty, N. Y. Works: Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Potter & Johnston Machine Co. (Double Turret Manufacturing), Pawtucket, R. I.
Pratt & Whitney Co., Hartford, Conn.
Prentiss Tool & Supply Co. (Mfrs.' Agts.) 115 Liberty, N. Y.
Rahn Mayer Carpenter Co., Spring Grove & Garrard avs, Cincinnati, O.
Schumacker & Boye, Queen City av. & Buck, Cincinnati, O.
Sebastian Lathe Co., Covington, Ky.
Shepard Lathe Co., 129 W 2d, Cincinnati, O.
Silk P. P. Machine Tool Co., 415 E. 2d, Cincinnati, O.
Snyder & Metcalf, Waterford, N. Y.
Springfield Machine Tool Co. ("The Fox"), Springfield, O.
Streit, A., Machine Co., 1110 Harrison av, Cincinnati, O.
Warner & Swasey (All Kinds), 57 E. Prospect. Cleveland, O.
Windsor Machine Co. ("Gridley" Automatic), Windsor, Vt.

Lathes (Variety Turning)

Bentel & Margedant Co., Hamilton, O.
Cowdrey, C. H., Machine Works, Fitchburg, Mass.
Kline, Lewis T. (Automatic), Alpena, Mich.
Ober Mfg. Co., Chagrin Falls, O.
Pringle & Brodie Machinery Co., 277 S. Canal, Chicago
Waymoth, A. D. & Co. (Self-Centiring & Self-Adjusting, etc.), Fitchburg, Mass.
Wilder, has. W. (For Small Turnings of all kinds), Fitchburg, Mass.

Lathes (Watchmakers')

Fanueil Watch Tool Co., 1 Brooks, Boston, Mass.
Hardinge Bros., 1036 Lincoln av., Chicago, Ill.
Waltham Watch Tool Co., Springfield, Mass.

Lathes (Winding)

Pittsburg Machine Tool Co., Allegheny, Pa.
Sommerfeld, R. G. (For Winding Magnets), 224 3d av, Pittsburg, Pa.

Lathes (Wood Working)

American Wood Working Machine Co., 136 Liberty, N. Y.; 45 S. Canal, Chicago, Ill., & Williamsport, Pa.
Atlantic Works (Inc.), 28th & Grays Ferry rd, Phila., Pa.
Barnes, W. F. & John Co., Rockford, Ill.
Bentel & Margedant Co. (Spokes, Handles, etc.), Hamilton, O.
Carey, W. W., Lowell, Mass.
Cordesman Machine Co., 25 Butler, Cincinnati, O.
Cordesman, Meyer & Co., 53 Central av, Cincinnati, O.
Cowdrey, C. H., Machine Works (Variety Turning), Fitchburg, Mass.
Defiance Machine Works, Defiance, O.
Fay, J. A. & Egan Co., Front c. John, Cincinnati, O.
Fay & Scott, Dexter, Me.
Frank Machinery Co., 50 Mechanic, Buffalo, N. Y.
Garvin Machine Co., 141 Varick, New York
Greaves, Klusman & Co., Cook & Alfred, Cincinnati, O.
Hobbs Mfg. Co., Worcester, Mass.
Holmes, E. B. Machinery Co., Buffalo, N. Y.
National Machine Works, 660 Wash'n, Milwaukee, Wis.
New Haven Mfg. Co., New Haven, Conn.
Ober Mfg. Co., Chagrin Falls, O.
Oliver Machinery Co., Grand Rapids, Mich.
Porter, C. O. & A. D., Grand Rapids, Mich.
Power, L. & Co., 20 S 23d, Phila., Pa.
Pringle & Brodie Machinery Co. (Back Knife), 277 S. Canal, Chicago
Pryibil, Paul (estate of), 512 W 41st, N. Y.
Purdy Machine Co., Ghent, O.
Reed, F. E. Co., Worcester, Mass.
Rutishauser, Eugene (Automatic), 67 N Sangamon, Chicago
Sebastian Lathe Co., Covington, Ky.
Seneca Falls Mfg. Co., Seneca, Falls, N. Y.
Smith, H. B. Machine Co., Smithville, N. J., & 121 Liberty, New York
Steggall, A., Owosso, Mich.
Trevor Mfg. Co. (Turnings up to 8 inches), Lockport, N. Y.
United States Machine Co., Williamsport, Pa.
Waymouth, A. D. & Co., Fitchburg, Mass.
White, John A. & Co., Dover, N. H.

Lathes (Zinc)

Midland Foundry & Machine Works Co., 2156 15th, Denver, Col.
Pacific Tank Co. (for Cutting Zinc Shavings), San Francisco & Los Angeles, Cal.

Laughing Galleries.

Ingersoll Construction Co., 307 4th av., Pittsburg, Pa.

Launches

Daimler Mfg. Co., 939 Steinway av, "Gasoline Power," Long Island City, N. Y.
Fay & Bowen Engine Co. (Gasoline), Geneva, N. Y.
International Power Vehicle Co., "Kerosene Oil," Stamford, Conn.
Gas Engine & Power Co., & Chas. L. Seabury & Co. (Gasoline & Naptha, Alco Vapor Launches & Motors), 11 B'way, New York, & Morris Hgts., New York
MARINE ENGINE & MACHINE CO., 1123 B'way, N. Y. Works, Harrison, N. J. (See adv. index, end of book)
Michigan Yacht & Power Co., & Sintz Gas Engine Co. (Consolidated), 1524 Jefferson av, Detroit, Mich.
Montague Iron Works Co., Montague, Mich.
Neptune Launch Mfg. Co. (Naptha), Evansville, Ind.
Palmer Bros. (Gasoline), Coscob, Conn.
Pierce Engine Co. (Vapor), Racine, Wis.
Racine Boat Mfg. Co. (Vapor), Muskegon, Mich.
Stamford Motor Co. (Gasoline), Stamford, Conn.
Union Iron Works (Steam), San Francisco, Cal.
Wolverine Motor Works (Gas & Gasoline), Grand Rapids, Mich.

Launches (Electric)

Electric Launch Co., Bayonne, N. J.
Herreshoff Mfg. Co., Bristol, R. I.

Laundry Dryers

Chicago Clothes Dryer Works, 346 Wabash av, Chicago, Ill., & 136-138 W 24th, N. Y.
Mannen & Esterly, 811 St. Clair, Cleveland, O.
Metal Fire Proof Clothes Dryer Co., 534 W 58th, New York
Miller, Wm. Range & Furnace Co., 125 E. 5th, Cincinnati, O.
Peck-Williamson Heating & Ventilating Co., 337 W 5th, Cincinnati, O.
STEEL ROLL MACHINE CO., S S Canal, Chicago, Ill. (See adv. index, end of book)
STURTEVANT, B. F. CO. (Drying Apparatus), Hyde Park, Mass.; 34 Oliver Boston, Mass.; 281 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria st, London, Eng. (See adv. index, end of book)

Laundry Ironing Stoves

Ils, John G. & Co., 814 Kearny, San Francisco, Cal.
Mahony Mfg. Co., Troy, N. Y.
Moser, M. J. & Co., W Troy, N. Y.

Laundry Irons (Electric)

American Electrical Heater Co., 195 River, Detroit, Mich.

Laundry Machinery

(See Machinery, Laundry)

Laundry Supplies (Electric)

American Electrical Heater Co., Detroit, Mich.
Simplex Electrical Co., 110 State, Boston, Mass.
United Electric Heating Co., Detroit, Mich.

Laundry Tub Covers.

Olmstead, H. B. Co., 87 Frankfort, New York

Laundry Tubs (Artificial Stone)

Adams, E. G., Kingston, N. Y.
Anchor Stone Laundry Tray Co., The "Phoenix," Minneapolis, Minn.
Hardin, Jno., 4543 Cottage Grove av, Chicago, Ill.
Marbleithic Co. (Marbleithic), Dayton, O.
Robinson Stoneware Co., 244 Greenpoint av, Brooklyn, N. Y.
Union Granite Co., Weehawken, N. J.
Wiehawken Granite Co., Weehawken, N. J.

Laundry Tubs (Enameled Iron)

(See Bath Tubs, Enameled Iron.)

Laundry Tubs (Euclid Stone)

Norcross Co., 269 W. River, Cleveland, O.

Laundry Tubs (Glazed Fire Clay)

Evens & Howard Fire Brick Co., 920 Market St. Louis, Mo.
Gladding, McBean & Co., Rialto bldg., San Francisco, Cal.

Laundry Tubs (Porcelain)

(See Bath Tubs, Porcelain.)

Laundry Tubs (Slate)

Allen's, S. Sons, Fair Haven, Vt.
American Slate Co., Bangor, Pa.
AMERICAN SLATE CO. (Inc.), Board of Trade bldg, Boston, Mass. (See adv. index, end of book)
Auld, Conger & Co., Cleveland, O., & Bangor, Pa.
Bangor Crescent Slate Co., Bangor, Pa.
Bangor Slate Co., Bangor, Pa.
Butler, Philip H. & Co., 25 Haverhill, Boston, Mass.
Caskie, Sam'l, Walnutport, Pa.
Chicago Slate & Mantel Co., 232 S. Clinton, Chicago, Ill.
Cleveland Mantel & Tile Co., 100 Sterling av, Cleveland, O.
Clow, Jas. B. & Sons, 342 Franklin, Chicago, Ill.
Connelly Specialty Works (Slate Lined), 1071 Atlantic av, Brooklyn, N. Y.
East Bangor Consolidated Slate Co., E. Bangor, Pa.
Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
Fleming Slate Co., Poultney, Vt.
Groh, German & Son, 504 W. 25th, New York
Hahn, Granville, Walnutport, Pa.
Hydeville Marbelized Slate Mantel Co., Hydeville, Vt.
Illinois Marble Co., Edwardsville, Ill.
McKenna, David, Slatington, Pa.
MATHEWS CONSOLIDATED SLATE Co., 199 Wash'n, Boston, Mass. (See adv. index, end of book)
Monson Consolidated Slate Co., Bath, Me.
Monson Maine Slate Co., 113 Devonshire, Boston, Mass.
New York Slate Works, 493 E. 138th, New York
North Bangor Slate Co., Bangor, Pa.
Ontalaunce Slate Mfg. Co., Lynnport, Pa.
Peerless Slate Co., Delta, Pa.
Pelican Slate Mfg. Co., Pottstown, Pa., and Wind Gap, Pa.
Pelkey, W. H., Fair Haven, Vt.
Penna Structural Slate Co., Easton, Pa.
Penrhyn Slate Co., 493 E 138th
Provident Slate Co., Slatington, Pa.
Scotch Hill Slate Co., Fair Haven, Vt.
Slatington Slate Co., Slatington, Pa.
Union Soapstone Co., 14 Marshall, Boston, Mass.
Washington Slate Co., Slatington, Pa.
Williams Slate Co., Arvonia, Va.
Wolff, L. Mfg. Co., 117 W. Lake, Chicago, Ill.

Laundry Tubs (Soapstone)

Alberene Stone Co., 392 Pearl, New York: 60 N Clinton, Chicago, Ill., & 162 Dover, Boston, Mass.
Butler, Philip H. & Co., 25 Haverhill, Boston, Mass.
Clow, Jas. B. & Sons, 342 Franklin, Chicago, Ill.
Connelly Specialty Works, 1071 Atlantic av, Brooklyn, N. Y.
Franklin Slate Co., 122 Franklin, Phila., Pa.
Illinois Marble Co., Edwardsville, Ill.
Robinson Stoneware Co., 244 Greenpoint av, Brooklyn, N. Y.
Sherman, Flavin, 2515 State, Chicago, Ill.
Stambach & Love, 50 N. 7th, Phila., Pa.
Troy Bros. & Co., 91 Haverhill, Boston, Mass.
Union Granite Co., Weehawken, N. J.
Union Soapstone Co., 14 Marshall, Boston, Mass
Virginia Soapstone Co., Schupler, Va., & 86 Lincoln av, New York
Wolff, L. Mfg. Co. (Iron, Enameled, Slate & Soapstone), 117 W Lake, Chicago, Ill.

Laundry Tubs (Zinc)

Brandt, Fred, 169 E. 85th, New York

Lavatories (Ship)

Bishop, Wm. Sons, 205 South, New York
Sands, Alfred B. & Son, 242 Water, N. Y.

Lavatories & Fittings

Adee, Fred. Co., 44 Cliff, New York
Ahrens & Ott, Mfg. Co., 329 W Main, Louisville, Ky.
Bailey-Farrell Mfg. Co., Pittsburg, Pa.
Barrett, James Mfg. Co., 215 Franklin, Boston, Mass.
Cahill Iron Works (Enameled Iron), Chattanooga, Tenn.
Chambers & Ainslee, 2 Commercial, Newark, N. J.
Champion Sanitary Enamel Ware Co. (Enameled Iron), Blairsville, Pa.
Clow, James B. & Sons, 344 Franklin, Chicago, Ill.
Cooper, Wm. S. Brass Works, 437 N. 12th, Phila., Pa.
Dalton-Ingersoll Co., 175 High, Boston, Mass.
Detroit Sanitary Supply Co., 27 Jefferson, Detroit, Mich.
Edwardsville Brass Co., Edwardsville, Ill.
Exeter Brass Works, Exeter, N. H.
Fort Pitt Supply Co., 328 2d av, Pittsburg, Pa.
Haines, Joncs & Cadbury Co., 1136 Ridge av., Phila., Pa.
Huber, Henry Co., 224 5th av, N. Y.
Humphreys Mfg. Co. (Enameled Iron, Roll Rim), Mansfield, O.
Kohler, J. M. Sons Co. (Enameled Iron Lavatories), Sheboygan, Wis
Kupferle, John C., 2d & Mound, St. Louis, Mo
McCambridge & Co. (Ltd.), 525 Cherry, Philadelphia, Pa.
McShane, H. Mfg. Co., 441 North, Baltimore, Md.
Maryland Foundry Co. (Enameled Iron), Baltimore, Md.
Mott, J. L., Iron Works. 88 Beekman, N. Y.
Mueller, H., Mfg. Co., Decatur, Ill.
Nelson, N. O., Mfg. Co., 424 N 8th, St. Louis Mo
Newell-Booth Co., Broad c Buttonwood, Phila., Pa.
Peck Bros. & Co., New Haven, Conn.
Pittsburg Brass Mfg. Co., Allegheny, Pa.
Ronalds & Johnson Co., 57 Cliff, N. Y.; 51 Boerum pl., Brooklyn, N. Y., & 147 N. 7th. Phila., Pa.
Rundle Mfg. Co., Milwaukee, Wis.
Rundle-Spence Mfg. Co., 67 2d, Milwaukee, Wis.
Sanitas Mfg. Co., 48 Union, Boston, Mass.
STEIN, HENRY, 48 Cliff, N. Y. (See adv. index, end of book)
Wolff, L. Mfg. Co., 117 W Lake, Chicago, Ill.
Young, Joseph H., 80 High, Boston, Mass.

Lavatory Legs.

American Pin Co. (Brass), Waterbury, Conn.
Clow, Jas. B. & Sons, 222 Lake, Chicago
Du Bois, F. N., 243 9th av, New York
Edwardsville Brass Co., Edwardsville, Ill
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Illinois Malleable Iron Co., 30 W Monroe, Chicago, Ill.
McCambridge & Co., Ltd., 527 Cherry, Philadelphia. Pa.
Mott, J. L., Iron Works, 88 Beekman, N. Y.
Mullaney's, Jas. Son. (Brass Basin), 25th & Lex av, New York
Newell-Booth Co., Broad c Buttonwood, Phila., Pa.
Ohio Brass & Iron Mfg. Co., Cleveland, O.
Pittsburg Brass Mfg. Co., Allegheny, Pa.
Sanitary Co. ("Paragon" Brass), 7 Water, Cleveland, O.
Victor Excelsior Brass Works, "Nickel Plated," 128 White, N. Y.
Warren Brass Co., Warren, O.
Wilson, R. M., Mfg. Co., Rome, N. Y.
Wolverine Brass Works, Grand Rapids, Mich.

Lavatory Spring Hinges.

BOMMER SPRING HINGES

257 to 271 Classon av, Brooklyn, N. Y. (See adv. index, end of book)
Chicago Spring Butt Co., 491 Carroll av, Chicago, Ill.

Lavatory Trimmings

Edwardsville Brass Co., Edwardsville, Ill.
Park & McKay Co., Detroit, Mich.

Lawn Furniture

(See Fountains, Vases, etc.)
(Also Settees & Chairs, Iron.)
(Also Settees & Chairs, Lawn.)
(Also Rustic Wood Work.)
(Also Swings, Lawn.)

Lawn Mower Mfrs.

American Lawn Mower Co., Muncie, Ind.
Avery, B. F. & Sons (The Dewey & Princess), Louisville, Ky.
Blair Mfg. Co. (Ball Bearing), Springfield, Mass.
Braun, Jno. & Sons, 1615 N 23d, Phila., Pa.
Clipper Lawn Mower Co., Norristown, Pa.
Coldwell Lawn Mower Co., Newburgh, N. Y.
Dille & McGuire Mfg. Co. (McGuire Ball Bearing), Richmond, Ind.
Elwood Lawn Mower Co., Elwood, Ind.
Enterprise Mfg. Co. (Enterprise), 3d & Dauphin, Phila., Pa.
F. & N. Lawn Mower Co., Richmond. Ind.
Hotchkiss, E. M. Co. ("New Era"), New Haven, Conn.
Jewett, H. M., Moravia, N. Y.
McIntosh Hardware Corpn. ("Euclid av," Ball Bearing), Cleveland, O.
Mast, Foos & Co., Springfield, O.
Ney Mfg. Co., Canton, O.
Ohio Wringer Co., Springfield, O.
Phila. Lawn Mower Co. ("The Philadelphia"), 3107 Chestnut, Phila., Pa.
Root Bros Co. ("Ideal"), Plymouth, O.
Stearns, E. C. & Co., Syracuse, N. Y.
Supplee Hdw. Co., 503 Market, Phila., Pa.
Thomas Mfg. Co., Springfield, O.
Townsend, S. P. & Co., Orange, N. J.
WHITMAN & BARNES MFG. CO. ("W. & B." "New Diamond" & "New Electric"), Akron, O.; 111 Chambers, N. Y., & Chicago, Ill. (See adv. index, end of book)

Lawn Mower Sharpeners

Clizbe Bros. Mfg. Co., Plymouth, Ind.
Hampden Corundum Wheel Co., Brightwood, Springfield, Mass.
Royal Mfg. Co., 408 Commerce, Phila., Pa.
Wilcox Manufacturing Co., Aurora, Ill.

Lawn Sprinklers

Cleveland Stamping & Tool Co. (adjustable), Hamilton nr Coe, Clevcland, O.
Deming Co., Salem, O.
Detroit Lead Pipe & Sheet Lead Works, Detroit, Mich.
Enterprise Mfg. Co. (Enterprise), 3d & Dauphin, Philadelphia, Pa.
Haydenville Co., Haydenville, Mass., & 150 Nassau, N. Y.
Hays Mfg. Co., Erie, Pa.
Hotchkiss, E. M. & Co. ("Crescent Wave"), New Haven, Conn.
Humphreys Mfg. Co., Mansfield, O.
Jones, M. D. & Co., 71 Portland, Boston, Mass.
Kohler, F. E. & Co., Canton, O.
Kupferle, John C., 2d & Mound, St. Louis, Mo.
Landers, Frary & Clark ("Aetna"), New Britain, Conn.
Meyers, Fred. J. Mfg. Co., Hamilton, O.
Moline Pump Co., Moline, Ill.
Mott, J. L. Iron Works, 88 Beekman, N. Y.
Neumeyer, H. F., Macungie, Pa.
Phila. Lawn Mower Co., 3107 Chestnut, Phila., Pa.
Pleuger & Henger Mfg. Co., 11th & Hebert, St. Louis, Mo.
Pullman Mfg. Co., Rochester, N. Y.
ROBERTS MFG. CO., 3011 Chestnut, Phila., Pa. (See adv. index, end of book)
Standard Sanitary Mfg. Co. of Michigan, 942 Champlain, Detroit, Mich.
Stebbins, E. Mfg. Co., Springfield, Mass.
Walworth Mfg. Co., 132 Federal, Boston
Westervelt, A. B. & W. T. (The Hub), 102 Chambers, N. Y.
Yost Electric Mfg. Co. ("New Century"), Toledo, Ohio

Lawn Sweepers.

Greene Mfg. Co. ("Apollo"), Springfield, O.
Philadelphia Lawn Mower Co., 3107 Chestnut, Phila., Pa.

Lead Joint Remover

Smith, A. P. Mfg. Co. ("French"), Newark, N. J.

Lead (Pig)

(See Lead Pipe, Sheet & Pig Lead Mfrs.)

Lead Pipe Couplings & Fittings

Anderson Coupling Co., Portland, Conn.
CRANE CO., Est. 1855, Chicago, New York, Philadelphia, St. Louis, Kansas City, Mo.; Sioux City, Omaha, Los Angeles, San Francisco, Portland, Oregon; Salt Lake City, Utah; Scattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Illinois Malleable Iron Co., 30 W Monroe, Chicago, Ill.
Monash-Younker Co. (star), 201 S Canal, Chicago, Ill.

*Lead Pipe Former & Sizer

Vanderman Plumbing & Heating Co., Willimantic, Conn.

Lead Pipe, Sheet & Pig Lead Mfrs.

Bailey-Farrel Mfg. Co., 3d & Ross, Pittsburg, Pa.
Baker Lead Mfg. Co., Worcester, Mass.
Blatchford, E. W. Co., 70 N. Clinton, Chicago, Ill.
Bogue Lead Co., 1810 Blake, Denver, Col.
Brooklyn Metal Works (Inc.), 4th av. & Degraw, Brooklyn, N. Y.
Bruce & Cook, 190 Water, N. Y.
Chadwick-Boston Lead Co., 182 Franklin, Boston, Mass.
Charleston Lead Works, Charleston, S. C.
Collins, F. F. Mfg. Co., San Antonio, Tex.
Columbia Smelting & Refining Works, 307 Water, New York
Colwell Lead Co., 63 Centre, N. Y.
Crane-Hawley Co., Court, Sycamore & Canal, Cincinnati, Ohio
Detroit Lead Pipe & Sheet Lead Works, Detroit, Mich.
Du Bois, Fred'k N. & Co., 243 9th av, N. Y.
Fleck Bros. Co., 44 N. 5th, Philadelphia, Pa.
Gerdes, F. W. & Bro., Grand & N South avs, Allegheny, Pa.
Gibson & Price Co., 375 St. Clair, Clevcland, O.
Great Western Smelting & Refining Co., 175 W. Kinzie, Chicago, Ill.
Holyoke Lead Pipe Co., Holyoke, Mass.
Lang, E. M. Co., Portland, Me.
Le Roy Shot & Lead Works, 261 Water, N. Y.
Lewis, John T. & Bros. Co., 231 S. Front, Phila., Pa.
Lissberger, Marks & Son, 397 W. 12th, N. Y., & 375 Briggs av, Brooklyn, N. Y.
Mayor, Lane & Co., 128 White, N. Y.
Miller, Chas. & Son Co., Utica, N. Y.
National Lead Co., 100 William, N. Y.; & 115 9th, Louisville, Ky.
Nelson, N. O. Mfg. Co., 8th & St. Charles, St. Louis, Mo.
North American Smelting& Refining Co., 9th & Thompson, Philadelphia, Pa.
Penn Smelting Co., 331 4th av, Pittsburg, Pa.
Phillips Lead & Supply Co., Providence, R. I.
Pierce, Butler & Pierce Mfg. Co., Syracuse, N. Y.; 254 4th av, N. Y.; 50 Oliver, Boston, Mass., & 24 S 7th, Phila., Pa.

Raymond Lead Co., 57 W. Lake, Chicago, Ill.
Read, H. P. Lead Works, 645 Lexington av, N. Y., & 1320 Broadway, Brooklyn, N. Y.
Robertson, Jas. Mfg. Co., 30 Hanover, Baltimore, Md.
Rochester Lead Works, Rochester, N. Y.
Ronalds & Johnson Co., 54 Cliff, N. Y.; 51 Boerum pl., Brooklyn, N. Y., & 139 N. 7th, Philadelphia, Pa.
Rumsey, L. M. Mfg. Co., 812 N Main, St. Louis, Mo.
Selby Smelting & Lead Co., 416 Montgomery, San Francisco, Cal.
Sportsman's Shot Works (See American Shot & Lead Co.)
Standard Sanitary Mfg. Co., Arrott bldg., Pittsburg, Pa.
Tatham & Bros., 224 S. 5th, Philadelphia, Pa. & 82 Beekman, N. Y.
Tillinghast, L. H. Supply Co., Providence, R. I.
United Lead Co., 71 B'way, New York
Windsor Mfg. Co., Milwaukee, Wis.

Lead Traps, Bends & Ferrules

Barry Mfg. Co., Muscatine, Iowa
Blatchford, E. W. & Co., 70 N Clinton, Chicago, Ill.
Brooklyn Metal Works, c Fourth av & Degraw, Brooklyn, N. Y.
Colwell Lead Co., 63 Centre, New York
CRANE CO., Est. 1855, Chicago, New York, Philadelphia, St. Louis, Kansas City, Mo.; Sioux City, Omaha, Los Angeles, San Francisco, Portland, Oregon; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Detroit Sanitary Supply Co., 27 Jefferson, Detroit, Mich.
Du Bois, F. N. & Co., 247 9th av, New York
King Mfg. Co., Watervliet, N. Y.
Le Roy Shot & Lead Works, 261 Water, N. Y.
Lewis, Jno. T. & Bros. Co., 231 S Front, Phila., Pa.
National Lead Co., 100 Williams, N. Y.; branches in all Prominent Cities
Raymond Lead Co., 51 W Lake, Chicago, Ill.
Robertson, Jas. Mfg. Co., 30 Hanover, Baltimore, Md.
Ronalds & Johnson Co., 51 Boerum pl., Brooklyn, N. Y.; 54 Cliff, N. Y., & 139 N. 7th, Philadelphia, Pa.
Selby Smelting & Lead Co., 416 Montgomery, San Francisco, Cal.
Sportsman's Shot Works (drawn), Court, c Harriet, Cincinnati, O.
United Lead Co., 71 B'way, New York
Windsor Mfg. Co., 570 Clinton, Milwaukee, Wis.

Leaders (Cattle)

Covert Mfg. Co., West Troy, N. Y.
Humason & Beckley Mfg. Co., New Britain, Conn.
Smith, Seymour & Son, Oakville, Conn.

Leather (Artificial)

Boston Artificial Leather Co. (Moroccoline), 12 E 18th, N. Y.
Leatherole Co. (Leatherole), 142 W 23d, New York
Pantasote Co., 11 B'way, N. Y.

Leather Mechanical Goods

Houghton, E. F. & Co. ("Vici"), 240 W. Somerset, Phila., Pa.

Leather Stuffing Apparatus

STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria st, London, Eng. (See adv. index, end of book)

Leathers (Pump)

Climax Specialty Co., Seneca Falls, N. Y.
Houghton, E. F. & Co. ("Vici"), 240 Somerset, Phila., Pa.
Leather & Brass Mfg. Co., Auburn, N. Y.
Raymond Mfg. Co. (Ltd.) (Flat & Crimped), Corry, Pa.
Sherman, H. B. Mfg. Co., Battle Creek, Mich.

Ledgers (Loose Leaf)

Baker-Vawter Co., Tribune bldg, Chicago, Ill.
Heinn Specialty Co., 19 Erie, Milwaukee, Wis.
Razall, H. G. Mfg. Co., 383 Water, Milwaukee, Wis.
Richmond & Backus Co. ("Flat Opening"), Detroit, Mich.

Legs (Bench)

STURTEVANT, B. F. CO. (Cast Iron for all purposes). Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria st, London, Eng. (See adv. index, end of book)

Legs (Sink & Wash Tray)

Cheney, S. & Son, Manlius, N. Y.

Legs (Urinal)

(See Urinal Fittings & Trimmings.)

Lenses (Semaphore)

Sneath Glass Co. (All Colors), Hartford City, Ind.

Lenses (Signal Lamp)

Adams & Westlake Co., Ontario, c N. Franklin, Chicago, Ill.; 2042 N. 10th, Phila., Pa., & 26 Cortlandt, N. Y.
Libbey Glass Co., Toledo, O.

Letter Boxes.

(See Boxes, Mail or Letter.)

Letters (Metallic)

(See Numbers & Letters, Metal.)

Letters (Sign, Cast Iron)

Benfield & Milne Mfg. Co., Newark, N. J.
Brown & Sharpe Mfg. Co. (Up to 5 feet high), Providence, R. I.
Zeigler Bros. (Removable Metallic), Elkin, Ill.

Letters (Transfer)

Palm Letter Co., 313 Hammond, Cincinnati, O.

Letters (Wood)

Spanjer Bros. (For Signs, etc.), Newark, N. J.

Letters & Figures (Pattern)

Brim, A. W., Seneca Falls, N. Y.
Butler, A. G. (White Metal for Iron & Brass Castings, also for Machinery, Bridges, Tables, etc.), 284 Pearl, New York
Knight, H. W. & Son, Seneca Falls, N. Y.
Parker, T. M., Hartford, Conn.
PAXSON, J. W. CO., 1021 N' Delaware av, Phila., Pa. (See adv. index, end of book)
St. Louis Electrotype Foundry, 211 N. 3d, St. Louis, Mo.
Timmis & Clissold, Bound Brook, N. J.

Levels.

Akron Spirit Level Works(Spirit), Akron, O.
Athol Machine Co. (Iron Pocket, Plumbers', Machinists', Iron Bench, Carpenters', etc.), Athol, Mass.
Baker, McMillen Co., Akron, Ohio
Bender, Ph. J. & Sons (Machinists, etc.), 87 Frankfort, New York
Chapin-Stephens Co. (Adjustable & Non-Adjustable Machinists', Brass Cornered, etc.), Pine Meadow, Conn.
Davis & Cook, Watertown, N. Y.
DIETZGEN, EUGENE CO., 181 Monroe, Chicago, Ill.; 119 W 23d, New York, & 14 1st, San Francisco, Cal. (See adv. index, end of book)
Disston, Henry & Sons (Inc.) (Iron, Shafting, Pocket, Machinists', etc.), Tacony, Phila., Pa., & 75 W Wash'n, Chicago, Ill.
Gardam, Wm. & Sons (Architects', Builders', etc.), 47 Rose, N. Y.
Gurley, W. & L. E. (Architects', Engineers,' etc.), Troy, N. Y.
Jackson Grade Level Co. (Grade), Jackson, Mich.
Keuffel & Esser Co. (Architects', Engineers', etc.), 127 Fulton, N. Y.
Miller's Falls Co., Miller's Falls, Mass., & 28 Warren, N. Y.
Pfister, Herm. (Architects' & Blds.'), 428 Plum, Cincinnati, O.
Putnam Machine Co. (Iron, Machinists'. etc.), Fitchburg, Mass.
QUEEN & CO. (Inc.), (Architects', Engineers', etc.), 1010 Chestnut, Phila., Pa., & 59 5th av, New York. (See adv. index, end of book)
Richardson-Oliver Co. (Machinists', Pocket etc.), Athol, Mass.
Sawyer Tool Mfg. Co. (Iron, etc.), Fitchburg, Mass.
Smith, E. G. (The Which Way Pocket), Columbia, Pa.
Smith, S. O. (Box Wood, etc.), Newark, N. J.
SOLTMANN, E. G. (Architects & Engineers; also everything for the Architect, Engineer & Draughting Room), 125 E 42d, N. Y. (See adv. index, end of book)
Springfield Machine Screw Co. (Pocket, Machinists', etc.), Springfield, Mass.
Stanley Rule & Level Co. (Bit & Square, Iron Pocket, etc.), New Britain, Conn., & 107 Chambers, N. Y.
Starratt, L. S., Co. (Iron, etc.), Athol, Mass.
Stratton Bros. (Carpenters, Machinists & Masons), Greenfield, Mass.
Strelinger, Chas. A. Co. (All Kinds), 98 Bates, Detroit, Mich.
Tower & Lyon Co. (Unique & P. & L.), 95 Chambers, N. Y.
Wright, Frank (Farm), Cave Spring, Ga.
Young & Sons (Engineers', etc.), 47 N 7th, Phila., Pa.

Levels (Hydrostatic)

WEBSTER MFG. CO. ("Macdonald"), 1075 W 15th, Chicago, Ill., & 38 Dey, New York. (See adv. index, end of book)

Levels (Track)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
BUDA FOUNDRY & MFG. CO. ("McManus Combined Track Gauge, Level, etc.), Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
Chapin-Stephens Co., Pine Meadow, Conn.
FAIRBANKS, MORSE & CO. ("Duplex," "McHenry," etc.), Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av. Kansas City, Mo.; 234 E 3rd, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Fox Bros. & Co., 24 Vesey, N. Y.
Handlan-Buck Mfg. Co., 212 N 3d, St. Louis, Mo.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Sheffield Car Co. (The McHenry), Three Rivers, Mich.
Solid Steel Tool & Forge Co., Farmers' Bank bldg, Pittsburg, Pa.
Verona Tool Works, Verona, Pa., & Pittsburg, Pa.
Vicksburg Mfg. Co., Vicksburg, Mich.

Library Shelving & Fittings (Metallic)

Art Metal Construction Co., Jamestown, N. Y.
BERGER MFG. CO., Main Office & Works, Canton, O. Branches: 210 E 23d, New York; 1215 Filbert, Phila., Pa.; 176 Federal, Boston, Mass.; 623 N Main, St. LLouis, Mo., & 23 Lake, Chicago, Ill. (See adv. index, end of book)
Cornell, J. B. & J. M. Co., 26th & 11th av. N. Y.
General Fire Proofing Co. ("Allsteel"), Youngstown, O.; 156 5th av, New York; Pittsburg, Pa.; Chicago, Ill., & Washington, D. C.
HECLA IRON WORKS, N 11th & Berry, Brooklyn, N. Y. (See adv. index, end of book)
Krag Metallic Construction Co., Pontiac bldg, Cincinnati, O.
Library Bureau, 530 Atlantic av, Boston, Mass.; 316 B'way, N. Y.; Fidelity bldg, Phila., Pa., & 156 Wabash, Chicago, Ill.
SNEAD & CO. IRON WORKS, ft of Pine, Jersey City, N. J. (See adv. index, end of book)
Stikeman, Geo., Metal Works ("Stikemann"), 239 B'way, New York

Lids (Journal Box)

Davis Pressed Steel Co., Wilmington, Del.
Kinzer & Jones Mfg. Co., 101 Penn av, Pittsburg, Pa.
McCord & Co., Old Colony bldg, Chicago, Ill.

Life Rafts.

CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
Detroit Shipbuilding Co. (Brass Dept.), ("Clark's" Metallic), ft of Orleans, Detroit, Mich.

Lifters (Stove Lid)

Stover Mfg. Co., Freeport, Ill.
Troy Nickel Works (Jno. E. Gaitley, Prop.) ("Alaska" Nickel Plated), Albany, N. Y.
Wrightsville Hardware Co., Wrightsville, Pa.

Lifts (Acid)

Bethlehem Foundry & Machine Co., South Bethlehem, Pa.

Lifts (Air)

(See Lifts, Pneumatic.)

Lifts (Ash)

Bethlehem Foundry & Machine Co. ("Excelsior"), South Bethlehem, Pa.

Lifts (Book)

BERGER MFG. CO., Main Office & Works, Canton, O. Branches: 210 E 23d, New York; 1215 Filbert, Phila., Pa.; 176 Federal, Boston, Mass.; 623 N Main, St. Louis, Mo., & 23 Lake, Chicago, Ill. (See adv. index, end of book)

Lifts (Hydraulic)

Coffin Valve Co. (For Large Water Gates), Neponset, Boston, Mass.
Lewis Foundry & Machine Co., 1001 Bingham, Pittsburg, Pa.
Wood, R. D. & Co., 400 Chestnut, Phila., Pa.

Lifts (Motor, Car Pitt)

Ohio Brass Co., Mansfield, O.
Patten, Paul B., Salem, Mass.

Lifts (Pneumatic)

American Air Compressor Works, 26 Cortlandt, N. Y., & Van Brunt & Summit, Brooklyn, N. Y.
Bacon Air Lift Co., 92 William, New York
INGERSOLL-SERGEANT DRILL CO., The ("Pohle" & "Saunders" for Water & "Morgan" & "Moser" for Oil), 26 Cortlandt, New York. Offices: Old Colony bldg, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 First av, Seattle, Wash.; Corestine bldg, Montreal, Canada; Mexico City, Calle 2a de Doroles No. 20; Mexico, D. F.; London, Eng., 114a Queen Victoria st,; Paris, France, 51 Rue de la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence st; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co.; Lima, Peru, W. R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv. below)
McKiernan Drill Co., 170 B'way, New York
PEDRICK & AYER CO., 85, 87 & 89 Liberty, N. Y. Works, Plainfield, N. J.
PNEUMATIC ENGINEERING CO., 128 B'way, New York

Lifts (Sewer)

(See Sewer Lifts.)

FOR SUPPLYING WATER

To Isolated Manufacturing Plants

THE

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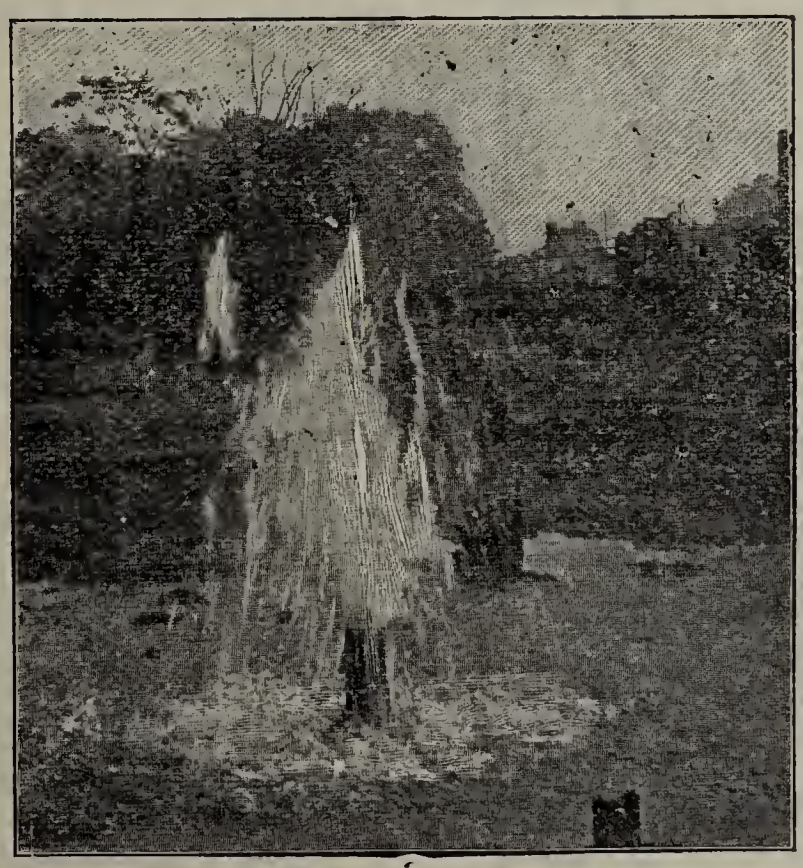
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Special Advantages.

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Air Compressors, Rock Drills, Mining, Tunneling and Quarrying Machinery, Coal Cutters, Pneumatic Tools.

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26 CORTLANDT ST.
NEW YORK.

BOSTON, MASS.
PHILADELPHIA, PA.
PITTSBURG, PA.

Lifts (Water)

(See also Motors, Water.)

AMERICAN WELL WORKS ("Chapman's Patent Air Water Lift System"), Aurora, Ill.; Chicago, Ill.; Dallas, Tex., & 2 Stone, New York. (See adv. index, end of book)
Bishop & Babcock Co. (Automatic), Hamilton & Kirtland, Cleveland, O.; New York, Chicago & St. Paul
Braender, Philip (Automatic), 63 W 125th, N. Y.
Cleveland Faucet Co. (Automatic), 21 Frankfort, Cleveland, O.
Clow, Jas. B. & Sons ("Clow"), 344 Franklin, Chicago, Ill.
INGERSOLL-SERGEANT DRILL CO., The (Air "Pohle" & "Saunders"), 26 Cortlandt, New York. Offices: Old Colony bldg, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 First av, Seattle, Wash.; Corestine bldg, Montreal, Canada; Mexico City, Calle 2a de Doroles No. 20; Mexico, D. F.; London, Eng., 114a Queen Victoria st,; Paris, France, 51 Rue de la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence st; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co.; Lima, Peru, W. R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv. preceding page)
Noppel Pump Co., Hartford, Conn.
Ohio Pump & Brass Co. ("Triumph" Hydraulic), 18th & Oak, Columbus, O.
Organ Power Co. ("Century" for Tank or Direct Pressure), Hartford, Conn.

Lighting Appliances (Incandescent Gas)

Kern Burner o., 21 Murray, New York; 6 N 13th, Phila., Pa., & 144 Michigan av, Chicago, Ill.

Lightning Arresters

(See Arresters, Lightning.)

Lightning Indicator

Bajohr, Carl, 4051 Keokuk, St. Louis, Mo., & 110 Randolph, Chicago, Ill.

Lighting (Prism System)

(See Glass, Prismatic.)

Lightning Rod Testing Apparatus

St. Louis Electric Lightning Rod Constructors, Meramec av, St. Louis, Mo.

Lightning Rods

American Tube & Stamping Co., Bridgeport, Conn.
Bacon & Co., 309 Prospect, Cleveland, O.
Bajohr, Carl, Lightning Rod Works, 4051 Keokuk, St. Louis, Mo., & 110 Randolph, Chicago, Ill., & 560 W 42, New York
Baltimore Lightning Rod Works (J. A. Ruth, Prop.), 341 S Woodyear, Baltimore, Md.
Boston Lightning Rod Co., 28 Beach, Boston, Mass.
Broad Gauge Iron Stall Works, 53 Elm, Boston, Mass.
Buck, W., 1728 Ridge av, Philadelphia, Pa.
Cole Bros. & Johnson, Sherman, Tex.
Condon, W. H., 337 E st, Boston, Mass.
Delaware Electric & Supply Co., Wilmington, Del.
De Witt Wire Cloth Co., 703 Market, Phila., Pa.; 17 Warren, New York, & Bellville, N. J.
Dodd & Struthers, Des Moines, Ia.
Doughty, J. H., Greeneville, Tenn.
Foy, Edw. A. & Co., 409 E 8th, Cincinnati, O.
Goodwin, Fredk. O., 53d & Wyalusing, Phila., Pa.
Gorman, M. J., 640 Main, Cincinnati, O.
Heinis, Wm. G., 1347 Ridge av, Phila., Pa.
Hum & Leatherman, 103 Market, Pittsburg, Pa.
Hungerford, U. T. Brass & Copper Co. (Copper), 497 Pearl, N. Y.
Jackson & Cook, 318 Market, Phila., Pa.
Johnson, Chas., 52 John, N. Y.
Jones, T. W., 18 Fletcher, N. Y.
Keyes Bros., Lewiston, Me.
Kriechbaum, Geo., Burlington, Ia.
Kuehling, J. H., 502 12th, N. W., Washington, D. C.
Lyon, C. R. & Son, 213 N 13th, Newark, N. J.
Manhattan Brass Co., 338 E 28th, N. Y.
Reyburn, Hunter & Co., 488 N American, Phila., Pa., & 99 W Adams, Chicago, Ill.
Sadler, D. M. & Co., 907 N Arlington av, Baltimore, Md.
St. Louis Lightning Rod Co., 1901 S 3d, St. Louis, Mo.
Schneider, Wm., 3118-A Nebraska av, St. Louis, Mo.
Shute, E. M., 1003 Myrtle av, Brooklyn, N. Y.
Smith, J. W., Galesburg, Ill.
Southern Lightning Rod Co., 819 Iberville, New Orleans, La.
Struthers, Reuben F., Peoria, Ill.
Washburne, Edw. G. & Co. (Copper), 46 Cortlandt, N. Y.
Westervelt, A. B. & W. T., 102 Chambers, N.Y.

Ligni-Salvor—Best Wood Preserve

Menzel, Wm. & Son, 68 Broad, N. Y.

Lignolith Flooring

(See Fire-Proof Floors, Lignolith.)

Lignum Vitae Turnings.

Sandusky Tool Co., Sandusky, O.

Lime (Caustic)

American Lime & Stone Co., Tyrone, Pa.

Lime Flour

Atlas, M. & M. Co. (Also Vienna Lime), Lincoln, N. J., & 82 Pearl, New York

Lime (Ground & Crushed)

American Lime & Stone Co. (Also Ground Limestone), Tyrone, Pa.
Bucqeye Lime Co., Genoa, O.; Fostoria, O., & Limestone, O.
California Portland Cement Co., Los Angeles, Cal. Works, Colton, Cal.
Standard Lime Co., Gibsonville, O., & Pittsburg, Pa.
Toledo White Lime Co., Toledo, O.

Lime (Hydraulic)

NON-STAINING CEMENT CO., 156 5th av, New York. (See adv. index, end of book)

Lime (Magnesian White)

Lee Lime Co. (For Paper & Rag Paper Mills, etc.), Lee, Mass.

Lime Mfrs.

(For Lime Dealers see Masons' & Builders' Materials.)

ALABAMA.

ANNISTON—Anniston Lime & Stone Co.
Lagrade Lime & Stone Co.
Woodstock Iron Works
BIRMINGHAM—Keystone Lime Co.
CALCIS—Chewacla Lime Co.
CALERA—O'Neal, C. L.
FT. PAYNE—Standard Lime Co.
LONG VIEW—Adams, J. B.

ARKANSAS.

FAYETTEVILLE—Ozark White Lime Co.
ROGERS—Rogers White Lime Works

CALIFORNIA.

HALLECK—Stimson & Flemming (See Los Angeles)
Union Lime Co.
LOS ANGELES—Los Angeles Lime Co., 365 E 2d
Stimson & Flemming
Union Lime Co., 203 San Pedro
REDDING—Alta Lime & Brick Co.
SAN FRANCISCO—California Cement & Lime Co., Safe Deposit bldg
Cowell, Hy. Lime & Cement Co., 211 Drumm
Holmes Lime o., 24 Sacramento
Kaweah Lime Co., Claus Spreckels bldg
Patent Brick Co., Safe Deposit bldg

COLORADO.

DENVER—Barrows, G. A. Lime Co., 1928 15th
Colorado Lime & Fluxing Co., McPhee bldg
Leadville Lime & Fluxing Co., McPhee bldg
Salida Crystal Lime Co., Jacobson bldg

CONNECTICUT.

BROOKFIELD—New England Lime Co.
EAST CANAAN—Canfield Lime Co.
NEW HAVEN—Stevens, H. A. (Oyster Shell), 136 Chapel
WEST REDDING—New England Lime Co.

DELAWARE.

WILMINGTON—Warner, Chas. Co.
(Cedar Hollow, Wrightsville & Potomac Lime & Stone)

DISTRICT OF COLUMBIA.

WASHINGTON—Knott & Moler, 28th c K, N W

GEORGIA.

ATLANTA—Sciple Sons, 8 Central av
CARTERSVILLE—Ladd Lime Co. (Hydraulic)
GAINESVILLE—Deal, C. L.
GRAYSVILLE—Church, M. M.
Hale, W. F.
SAVANNAH—Hanley, Andw. Co.

ILLINCIS.

BELLEVILLE—Schaefer, Christopher
CHICAGO—Artesian Stone & Lime Works, Grand & Campbell avs
Chicago Lime Co., 138 Wash
Chicago Union Lime Works Co., W 19th c S Lincoln
Druecker, N. J. & Co., 847 Clybourn av
Marble Head Lime Co., Masonic Temple
Schultz, Fred'k, 658 S Halsted
Stearns Lime & Stone Co., 165 E Randolph

Templeton Lime Co., Harvard c Rockwell
Wisconsin Lime & Cement Co., Chamber of Commerce bldg
FREEPORT—Grant, Mrs. Jennie
FULTON—Alden Lime Co.
KANKAKEE—Kankakee Stone & Lime Co.
LYONS—Schultz, Fred.
PORT BYRON—Metzgar, D. S. & G. A.
Port Byron Lime Association
Port Byron Lime Co.
QUINCY—Menke, F. W. Stone & Lime Co.
Meyer, W. D.
Quincy White Lime & Cement Co.
ROCKFORD—Hart & Page

INDIANA.

DELPHI—Coble Lime Co.
EVANSVILLE—Eichel Lime & Stone Co.
FT. WAYNE—Moellering's, Wm. Sons, 53 Murray
GREENCASTLE—Oakalla Stone & Lime Co.
HUNTINGTON—Western Lime Co.
INDIANAPOLIS—Keeport, A. B. & Co. (Kilns, Putnamville, Ind.)

IOWA.

DES MOINES—Des Molnes Fuel & Lime Co.
MASON CITY—Mason City Lime & Cement Co.
MONMOUTH—Stuart, L. B.
VIOLA—Collins, A. V.

KENTUCKY.

GLASGOW—Dickinson Bros.
HENDERSON—Blackwell, P. A. & Co.
LOUISVILLE—Union Cement & Lime Co., 421 W Maln
Utlca Lime Co., 421 W Main
MT. VERNON—Kruger & Sons
Sparks, W. J.

MAINE.

ROCKLAND—Bird, A. J. & Co.
Gay, A. C. & Co.
Rockland Lime Co.
Rockland-Rockport Lime Co.
ROCKPORT—Bryant & Kent
THOMASTON—Creighton, Jas. A. & Co.

MARYLAND.

BALTIMORE—Ditman, Wm. C., 540 E Monument
Gegner, Geo. A., Eastern av, c Clinton
Gegner & Green, 2115 Allceanne
Green, Robt. S., 853 Fkd av, Ext.
Judge, Geo. (Shell), 59 Jenklns' la
Lee, Thos. N. Co., 1531 Maryland av
Maryland Lime & Cement Co., 217 Bowly's
National Building Supply Co., Lex & North
Platt & Co. (Shell), ft Clement
Standard Lime & Stone Co., Equitable bldg
Texas Lime Co., Bowly's wharf
Wallace, Wm., 1223 Ridgely
Washington Building Lime Co., Equitable bldg
BUCKEYSTOWN—Baker, Daniel & Sons
Keller, O. J. Lime Co.
Standard Lime & Stone Co.
Washington Bldg Lime Co.
CUMBERLAND—Miller, J. L.
TEXAS—Ditman, W. C.
Lee, Thomas N. Co.
Lindsay, William P.

MASSACHUSETTS.

ADAMS—New England Lime Co.
BOSTON—**BOSTON FIRE BRICK CO** (Geo. M. Fiske, Mgr.), 161 Devonshire. (See adv. index, end of book)
Rockland-Rockport Lime Co., 166 Devonshire
CHESHIRE—Cheshire Lime Mfg. Co.
Farnum Bros. Lime Co.
LEE—Deely, Michael
Lee Lime Co. (Magnesium White Lime)

MICHIGAN.

ALPENA—Collins, Richard
BAY PORT—Wallace Stone & Lime Co.
DETROIT—Houghten, Henry, 806 Hammond bldg
Little, C. H. Co., 40 Fort W, Peninsular Bank bldg
MANISTIQUE—White Marble Lime Co.
MENOMINEE—Lyon Bros.
PETOSKEY—Petoskey Stone & Lime Co.
SAGINAW—Remer Bros., 300 Madison

MINNESOTA.

MANKATO—Fowler & Pay
Mankato Lime & Stone Co.
ST. PAUL—Northwestern Lime Co., 71 Lower Levee
Shakopee Cement & Lime Mfg. Co., 220 Chestnut
SHAKOPEE—Shakopee Cement & Lime Mfg. Co.
WINONA—Willis, H. J.

MISSOURI.

BOONVILLE—Lohse & Miller
CAPE GIRARDEAU—Cape Lime & Marble Co.
CARTHAGE—Carthage Marble & White Lime Co.
Centre Creek White Lime Co.
CENTAUR—Centaur Lime Co.
HANNIBAL—Empire Lime Co.
Hannibal Lime Co.
Star Lime Co.
KANSAS CITY—Ash Grove White Lime Ass'n., Postal Telegraph bldg
Brockett, C. A. Cement Co., 121 W. 8th
Missouri Lime & Cement Co., 201 Postal Telegraph Co.
Western White Lime Co., Postal Tel. bldg
LOUISIANA—Crystal Carbonate Lime Co.
Marblehead Lime Co.
OZARK—Handy, I. H.
PIERCE CITY—Pierce City Lime Works
ST. LOUIS—Carthage Marble & White Lime Co., 706 Chestnut
Centaur Lime Co., 3852 Manchester av
Glencoe Lime & Cement Co., 1400-A Old Manchester rd
Goetz, C. W. Lime & Cement Co., 3527 Gratiot
Hunkins-Willis Lime & Cement Co., 18th & Austin
SPRINGFIELD—Marblehead Lime Co.

NEW JERSEY.

CAMDEN—Camden Lime Co.
HAMBURG—New Jersey Lime Co.
Windsor Lime Co.
JERSEY CITY—National Lime Co., 530 Grand
McAFEE VALLEY—New Jersey Lime Co.
NEWARK—Phillips White Rock Lime Co., 133 Walnut
PEAPACK—Todd, Philip
TRENTON—Richardson, J. B. & Son

NEW YORK.

BATAVIA—Benthin, A. W.
BIGELOW—Williams, Chas. E & Co. (Mostly in Bulk)
BINGHAMTON—Ballard, J. W. Co.
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—American Stone & Lime Co., Builders' Ex
Carroll Bros., 388 Ellicott sq
Reeb, M. A., 599 Mich
Ross, Jas. H., 141 Erie
CHAUMONT—Adams & Duford Co.
CHAZY—Chazy Marble Lime Co.
FAYETTEVILLE—Bangs & Gaynor (Water Lime or Cement)
Sheedy, Thos. W. (Water Lime or Cement)
GLENS FALLS—Sherman Lime Co.
GLOVERSVILLE—Gloversville Lime & Cement Co.
KINGSTON—Gill, David, Jr., 220 E Strand
Newark Lime & Cement Mfg. Co.
LEROY—Helmlich, Jno.
NEWBURGH—Harrison, Jno. J. E., 490 B'way

NEW YORK CITY.

Borough of Brooklyn

BROOKLYN—Brooklyn Lime Works, 218 3rd av
Empire Lime Kilns, 213 N 10th
Rockland-Rockport Lime Co., Newtown Creek & Morgan av

Boroughs of Manhattan & Bronx

NEW YORK—Associated Lime Companies, 26 Cortlandt
Bloomer & Co., 290 Front
Brooks, Jas. (Shell), 603 W 55th
Cheshire Lime & Builders' Supply Co., 217 W 125th
Glens Falls Co., 26 Cortlandt
Keenan Lime Co., 74 Cortlandt
National New Process Lime Co., 39 Cortlandt
N. Y. Lime Co., 290 Front
O'Connell & Hillery Lime & Mable Dust Co., E 141 Locust av
Reardon, Dennis, 74 Cortlandt
Rockland-Rockport Lime Co., 949 B'way
Sherman Lime Co., 26 Cortlandt
Standart Lime Co., 6 Gouverneur

(END OF NEW YORK CITY)

OSSINING—Ossining Lime Co.
ROCHESTER—Rochester Lime Co., 309 W Main
SODUS CENTRE—Mather, E. B.
SYRACUSE—Alvord, A. E. Larned bldg
Britton, Israel E., 201 W Onon
TROY—Cheney & Clexton
UTICA—Conley, F. E. Stone Co.

OHIO.

BOWLING GREEN—Snow Flake Lime Co.
BUCYRUS—Broken Sword Stone Co.
CEDARVILLE—Ervin, D. S. Co. (Large)
CINCINNATI—Howe, Ernst, 225 Stark
Stritzinger, Martin, Lick Run Pike, Green tp
Strunck-Meyer Lime Co., 954 W 5th
CLEVELAND—Edam, John A., 1915 Pearl
James, Ralph T., 1225 Euclid av
Kelley Island Lime & Transport Co., Mercantile Bank bldg
COLD SPRINGS—Strunk-Meyer Lime Co.
COLUMBUS—Columbus Macadam Co., 319 Dublin av
FOSTORIA—Buckeye Lime Co.
Seneca White Lime Co. (Ground & In Lump)
GENOA—Buckeye Lime Co.
GIBSONBURG—Standard Lime Co. (White, Crushed, Ground & Lump)
Zorn, Hornung Co.
GREENFIELD—Rucker Stone Co.
LIMESTONE—Buckeye Lime Co.
LUCKEY—Doherty & Co.
Eddy, N. B. & Co.

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.

MARION—Central Ohio Lime & Stone Co.
Evans, John Lime & Stone Co.
Norris & Christian Lime & Stone Co.
PATTERSON—Herzog, Jno.
PIQUA—Ohio Marble Co.
REX—Brubaker, J. E.
SPRINGFIELD—Mills Bros., 107 S Limestone
Moores Lime Co., Linden av & Wash'n
SUGAR RIDGE—Urschel Lime Co.
TIFFIN—McCollom Lime Co.
TOLEDO—Doherty & Co., ft of Washington
Toledo White Lime Co.

OREGON.

LIME—Oregon Lime & Plaster Co.
PORTLAND—McCraken, J. Co., 231 Pine
Nottingham & Co., ft Wash'n
Oregon Lime & Plaster Co., ft 14th

PENNSYLVANIA.

ALLENTOWN—Trexler, Theo. E.
ALTOONA—Canan-Knox Supply Co.
BELLEFONTE—Bellefonte Lime Co.
BRIDGEPORT—Blair, Andrew
McCoy Lime Co.
CARLISLE—Goodyear Bros.
DEVAULT—Cedar Hollow Lime Co.
EASTON—Masons' Supply Co.
EMIGSVILLE—Smyser, A. D.
FRANKSTOWN—American Lime & Stone Co.
FRAZER—Knickerbocker Lime Co.
FREEMANSBURG—Island Grove Lime Co.
HANOVER—Hoke, Solomon
HARRISBURG—Walton Quarries ("Building & Patent Process Fertilizer")
MORGANTOWN—Binder, Dallas
NEW CASTLE—Croton Limestone & Brick Co.
NORRISTOWN—Richardson & Ross
PHILADELPHIA—Cedar Hollow Lime Co., Land Title bldg
Cox's, C. A. Sons, 2137 N American
FRENCH, SAM'L H. & CO., 4th & Callowhill. (See adv. index, end of book)
Keystone Lime Co., 4601 Main, Myk
Knickerbocker Lime Co. (Inc.), 366 N 24th
Lukens & Yerkes, Stephen Girard bldg
Lyster, Jas. S., 31st & Walnut
Standard Lime Co., 1317 Washington av
Warner, Chas. Co. (Cedar Hollow, Wrightville & Potomac Lime Stone), Land Title bldg
PITTSBURG—Houston Bros. Co., 32d & P. R. R.
Ohio Lime Co., 2nd Nat'l Bank bldg
Standard Lime Co. (White, Crushed, Ground & Lump), 2nd Nat'l Bank bldg
PLYMOUTH MEETING—Corson, G. & W. H.
Cox, Chas. A.
Yetter, Geo. H.
PORT KENNEDY—Todd & Son
READING—Reading Lime Co.
SCRANTON—Haslam Lime Co.
Kellar, Luther
Paragon Plaster & Supply Co.
SHENANDOAH—Roberts, Sam'l G.
TYRONE—American Lime & Stone Co.
WAYNESBORO—Decarbonated Lime & Stone Co.
WRIGHTSVILLE—Kerr Bros. Co.
Steacey & Co.
YORK—Kottcamp, Henry Y.
Lucking, Henry, Jr.
York Valley Lime Co.
YORK SPRINGS—Trostel, Geo. H.

RHODE ISLAND.

LIMEROCK—Harris, Herbert
Wright, Theo. S.

SOUTH CAROLINA.

GAFFNEY—Carroll & Co.

SOUTH DAKOTA

PRINGLE—Black Hills Lime Co.

TENNESSEE.

BURNS—Allen, Jesse & Co.
CHATTANOOGA—Chattanooga Lime Co.
Gager Lime & Mfg. Co., 203 Carter
KNOXVILLE—Kenzel Lime Co.
Knoxville Lime Co.
Tennessee Lime & Sand Co.
MEMPHIS—Denie's, Jno. A. Sons (Ala. Ark., & Tenn. Lime)
Wright Lime & Cement Co.
NASHVILLE—Hardison, W. T. & Co., 115 S Front
PALMYRA—Hussey, M. M.
SHERWOOD—Gager Lime & Mfg. Co.
SUMMITTVILLE—Summittville Lime Co.

TEXAS.

AUSTIN—Austin White Lime Co.
EL PASO—El Paso Ice & Refrigerator Co.
FT. WORTH—Barbuzza, Thos.
Ft. Worth Lime Works
ROUND ROCK—Walsh, Wm. & Co.

UTAH.

SALT LAKE CITY—Langton Lime & Cement Co.

VERMONT.

IRA—Day, Dexter D.
LEICESTER JUNCTION—Brandon Lime & Marble Co.
Swinington, J. C. & J. A.
NEW HAVEN—Palmer H. C.
NORTH POWNAL—New England Lime Co.
SWANTON—Rich, Jno. P.
SWANTON JUNCTION—Fonda, W. B.
Rich, Jno. P.

VIRGINIA.

BUENA VISTA—Rockbridge Lime & Stone Co
RICHMOND—Lee, A. S. & Son, Pear c Dock
Moore Lime Co., 17th & Dock
Richmond Phosphate Co.
RIVERTON—Carson Lime Co.
STEPHENS CITY—Grove, M. J. Lime Co.

WASHINGTON.

DEERHARBOR—Island Lime Co.
FRIDAY HARBOR—Cowell, Hy. Lime & Cement Co.
ROCHE HARBOR—Tacoma & Roche Harbor Lime Co.
SEATTLE—Eagle Lime Co., Mutual Life bldg
Island Lime Co., Mutual Life bldg
Tacoma & Roche Harbor Lime Co., Galbraith Dock
SPOKANE—Idaho Lime Co.
Washington Brick, Lime & Mfg. Co., 1st av & Stevens
SPRINGDALE—Washington Brick, Lime & Mfg. Co.

WEST VIRGINIA.

BAKERTON—Washington Bldg. Lime Co.
MARTINSBURG—Standard Lime & Stone Co.

WISCONSIN.

APPLETON—Marston Bros.
BRILLION—Union Lime Co.
GRAFTON—Anschuetz & Co.
Milwaukee Falls Lime Co.
GREENLEAF—Empire Lime & Stone Co.
GRIMMS—Union Lime Co.
HAMILTON—Western Lime & Cement Co.
HORTONVILLE—Seth, Sylvester
MARBLEHEAD—Nast Bros.
Union Lime Co.
MAYVILLE—Mayville White Lime Works
MENASHA—Plummer, H. H.
MILWAUKEE—Empire Lime & Stone Co., Pabst bldg
Milwaukee Falls Lime Co., Humboldt av c Commerce
Sarnow Lime Co., 3308 Vliet
Union Lime Co., Pabst bldg
Western Lime & Cement Co., Pabst bldg
NEW LONDON—Westphal Bros.
OSHKOSH—Cook & Brown Lime Co.
Kusche, E.
QUARRY—Empire Lime & Stone Co.
RACINE—Fox Stone & Lime Co.
Horlick Lime & Stone Co.
ROCKFIELD—Mace Lime Co.
SHEBOYGAN—Sheboygan Lime Works
STURGEON BAY—Falk & Buchan
TEMPLETON—Templeton Lime & Stone Co.
WATERTOWN—Racek & Maldaner
WEST SUPERIOR—Superior Mfg. Co.

Lime Mfrs. (Hydraulic)

Ladd Lime Co., Cartersville, Ga.
Non-Staining Cement Co., 156 5th av, New York
Texas Portland Cement Co., Dallas, Tex.

Lime Packers

(See Cement Packers.)

Lime Slacking & Mixing Machines

Teal, Chas. A., 1361 Ridge av, Phila., Pa.

Limestone (French)

MANHATTAN MARBLE CO., 139th & E. R., New York. (See adv. index, end of book)

Limestone (Powdered)

Doggett, Stanley, 101 Beekman, New York
Osborn, Clarence J., "Broker," 65 Fulton, N. Y.

*Lincrusta Walton Mfrs.

Beck, Fr. & Co., 281 5th av, N. Y.

Lineman's Climbers

(See Climbers, Lineman's.)

Lining & Tamping Bar

(See Bars, Lining and Tamping.)

Link Belting

(See Belting, Link & Chain.)

Linds (Beds)

Cobb & Drew, Plymouth, Mass., & Rock Falls, Ill.

Links (Connecting)

Brewer Bros. (Wrought Open), 614 Filbert, Phila., Pa.
Keystone Drop Forge Works ("Keystone" Open Link), Chester, Pa.
Laughlin, Thos. Co., Portland, Me.

Links for Conveyor Chains.

Scranton Forging Co., Scranton, Pa.

Links (Fusible)

Lanz, M. & Sons, Pittsburg, Pa.

Links (Split)

Plume & Atwood Mfg. Co., Waterburg, Conn., New York, Boston & Chicago
Smith & Egge Mfg. Co., Bridgeport, Conn.

Links & Pins (Coupling)

Carnegie Steel Co., Pittsburg, Pa.; 71 B'way, N. Y.; Penna. bldg, Phila., Pa., & 204 Dearborn, Chicago, Ill.
Cleveland City Forge & Iron Co., 67 Case av, Cleveland, O.
Helmbacher Forge & Rolling Mills Co., c Barton & DeKalb, St. Louis, Mo.
Keystone Drop Forge Co., Chester, Pa.
Logan Iron & Steel Co., Burnham, Pa., & Harrison bldg, Phila., Pa.
New Castle Forge & Bolt Co., New Castle, Pa.
Oliver Iron & Steel Co., Pittsburg, Pa.
Pittsburg Forge & Iron Co., Pittsburg, Pa.
Republic Iron & Steel Co., General Offices, 1st Nat'l bldg, Chicago. Sales Offices, 64 B'way, N. Y.; Ellicott Sq, Buffalo, N. Y.; Citizens' Bank bldg, Cleveland, O.; Mermod & Jaccard bldg, St. Louis, Mo.; Frick bldg, Pittsburg, Pa.; Cincinnati, O., & Endicott Arcade, St. Paul, Minn.
Richmond Standard Steel Spike & Iron Co., Richmond, Va.
Tredegar Co., Richmond, Va.
Wilcox, D., Mfg. Co., Mechanicsburg, Pa.

Linoleum Mfrs.

American Linoleum Mfg. Co., 78 Worth, New York, & Linoleumville, Borough of Richmond, N. Y. City
Blabon, Geo. W. Co., 34 N 5th, Phila., Pa.
Chicago Linoleum Co., Chicago, Ill.
Farr & Bailey Mfg. Co., Camden, N. J.
Nairn Linoleum Co., Kearney, N. J.
National Linoleum Mfg. Co., Trenton, N. J.
Potter, Thos. Sons & Co. (Inc.), 522 Arch, Phila., Pa., & 41 Union sq, New York
Powers, Deborah & Sons (Also Oil Cloth), Troy, N. Y.
Trenton Oil Cloth & Linoleum Co. ("Cook's"), Trenton, N. J.
Western Linoleum Co., Akron, O.

Linseed Oil & Cake Mills

(Marked With a (*) are Independent Mills.)

CALIFORNIA.

BERKELEY—El Dorado Linseed Oil Works Co. (W. B.)
SAN FRANCISCO—El Dorado Linseed Oil Works Co., 208 Calif
*Pacific Oil & Lead Works, 202 California

ILLINOIS.

CHICAGO—American Linseed Co., 315 Dearborn. Main Office, N. Y. City
*Chicago White Lead & Oil Co., N Green & Fulton
*Crescent Linseed Oil Works, 56 W Division
Euston & Co.
Grace Varnish Co., 125 Larrabee
*National Lead Co., 1510 State
Wright & Hills Linseed Oil Co., c W 22d & Lumber

INDIANA.

INDIANAPOLIS—Evans Linseed Oil Works, W Mich c Belt Ry

KANSAS.

TOPEKA—Topeka Linseed Oil Works

MICHIGAN.

DETROIT—American Linseed Co., Leib c Wight
*National Lead Co., 81 Woodbridge

MINNESOTA.

MINNEAPOLIS—American Linseed Co. Main Office, N. Y. City
Midland Linseed Co.
Minnesota Linseed Oil Co.
REDWING—Redwing Linseed Mills
ST. PAUL—American Linseed Co. Main Office, N. Y. City
*Northern Linseed Oil Co., Wycliff c Turner

MISSOURI.

KANSAS CITY—American Linseed Co. Main Office, N. Y. City
*National Lead Co., 10th & Clark av
ST. LOUIS—American Linseed Co. Main Office, N. Y. City
*Brown, R. B. Oil Co., Rialto bldg
*Mound City Paint & Color Co., 811 N 6th

NEBRASKA.

OMAHA—American Linseed Co. Main Office, N. Y. City
*National Lead Co.

NEW YORK.

AMSTERDAM—Kellogg & Miller
BUFFALO—American Linseed Co., W Ganson
*English, R. W., Refining Co., 152 Elk
*Hauenstein & Co., 37 Vincennes.
*Kellogg, Spencer, Ganson c Michigan
*Mann Bros. & Co., 340 Ohio
*National Lead Co., c Clinton & Oak
*Niagara Linseed Oil Works, 340 Ohio
NEW YORK—American Linseed Co., 100 William

OHIO.

CINCINNATI—Burckhardt & Co., 323 Sycamore
Cincinnati Linseed Oil Co., 129 E Front
Moore, Chas. H. Oil Co., 643 W Front
*National Lead Co., 7th & Freeman av
CLEVELAND—Central Linseed Oil Co., Rose bldg
Grace & Housum, The Arcade
Harshaw, Fuller & Goodwin Co., Electric bldg
*National Lead Co., c Canal & Champlain
DAYTON—*Gebhardt Linseed Oil Co.
*Pope, H. L. & Co.
MANSFIELD—Mansfield Linseed Oil Works
TOLEDO—Metzger Seed & Oil Co.
Toledo Linseed Oil Co.

OREGON.

PORTLAND—Portland Linseed Oil Works

PENNSYLVANIA.

FRANKLIN—*Riesenmann Mfg. Co., Ltd.
PENNSBURG—*Hillegass & Krauss
PHILADELPHIA—*Blabon, George W. & Co., 34 N 5th
Grove Linseed Oil Co., Wash'n av & S 11th
*Lewis, John T. & Bros. Co., 231 S Front
PITTSBURG—*National Lead & Oil Co. of Penna. (Raw, Boiled & Refined), 2d Nat'l Bank bldg
Pittsburg Plate Glass Co., Frick bldg

WISCONSIN.

MILWAUKEE—*Goodrich, Wm. & Co., 198 Barclay

Loaders (Box Car)

Ellison, Wm. & Sons Mfg. Co., 1020 N 6th, St. Louis, Md.
Litchfield Foundry & Machine Co., Litchfield, Ill.
Ottumwa Box Car Loader Co., Ottumwa, Ia.

(Loaders (Grain Car)

Great Western Mfg. Co., Leavenworth, Kan.
Ideal Car Loader Co., Allenville, Ill.
Marseilles Mfg. Co. (Hay), Marseilles, Ill.
Moroa Mfg. Co. (The "Boss"), Moroa, Ill.
Pease, E. H. Mfg. Co., Racine, Wis.
WEBSTER MFG. CO., 1075 W 15th, Chicago, & 38 Dey, New York. (See adv. index, end of book)

Loaders (Hay)

Chambers-Bering-Quinlan Co., Decatur, Ill.
Deere & Mansur Co., Moline, Ill.
Hocking Valley Mfg. Co., Lancaster, O.
Marseilles Mfg. Co., Marsellles, Ill.
Ohio Rake Co., Dayton, O.
Parlin & Orendorff Co., Canton, Ill.
Porter, J. E. Co., Ottawa, Ill.
Rock Island Plow Co., Rock Island, Ill.
Sandwich Mfg. Co. (Clean Sweep), Sandwich, Ill.
Sterling Mfg. Co., Sterling, Ill.
Thomas Mfg. Co. (Harrows & Pulverizers, Spike Tooth), Springfield, O.

Loaders (Log)

Kilgore Machine Co. (Direct Acting Steam), Minneapolis, Minn.
LESCHEN & SONS ROPE CO., 920 N 1st, St. Louis, Mo.; 137 E Lake, Chicago; 163 Wash'n, N. Y., & 1717-23 Arapahoe, Denver, Colo. (See adv. index, end of book)
LIDGERWOOD MFG. CO. (Steam), 96 Liberty, New York, & Old Colony bldg, Chicago. (See adv. front colored page)
Phenix Mfg. Co. "Klines" Eau Claire, Wis.
Pond-Decker Mfg. Co., Newport, Ark.
Roots, P. H. & F. M. Co. (Steam), Connersville, Ind., & 109 Liberty, New York
Soule Steam Feed Works, Meridian, Miss.
Wickes Bros. (Steam), Saginaw, Mich.

Loaders (Wagon)

Austin Mfg. Co. ("New Era"), Harvey, Ill., & 315 Dearborn, Chicago, Ill.
National Drill & Mfg. Co., Pullman bldg, Chicago, Ill. Works, Barberton, O.
Western Wheeled Scraper Co., Aurora, Ill.

When writing to firms whose names appear in this book please mention HENDRICKS' COMMERCIAL REGISTER.

Lock Mfrs.

(See also Hardware Mfrs.)

Ahrend, Herman & Son, 125 N. J. R. R. av, Newark, N. J.
Automatic Tumbler Lock Co., 420 Sansom, Phila., Pa.
Barrows Lock Co., Lockport, Ill.
Bates, L. L. & Co. (Safe), 150 Portland, Boston, Mass.
Blake, Ira G. (Time Lock), Worcester, Mass.
Bohannan, Wilson, 760 Lex. av, Brooklyn, N. Y.
Branford Lock Works, 9 Murray, N. Y., & Branford, Conn.
Brass Goods Mfg. Co. (Cabinet), 7 Warren, New York, & Nevin c Union, Brooklyn, N. Y.
Bridgeport Gun Implement Co. (Bicycles, etc.), Bridgeport, Conn.
Chalfrant Mfg. Co., Lancaster, Pa.
Champion Safety Lock Co., Geneva, O.
Chicago Hardware Co., 132 Lake, Chicago
Climax, J. H. W., 275 Passaic, Newark, N. J.
Corbin Cabinet Lock Co., New Britain, Conn
Cream City Mfg. Co. (Suit Case), Milwaukee, Wis.
Dayton Mfg. Co., Dayton, O.
Dayton Supply Co. ("Dayton" Cantpick for Doors), Dayton, O.
Defiance Scuttle Lock Co., 277 Church, N. Y.
Eagle Lock Co. (Cabinet, Trunk & Padlock), Terryville, Conn., & 98 Chambers, N. Y.
Forsyth Mfg. Co. (Combination), 41 Chandler, Buffalo, N. Y.
Giant Lock Co., 49 Wood, Cleveland, O.
Gonce Lock Mfg. Co. (Keyless), Chattanooga, Tenn.
Hail, Wm. & Co. (Asylum & Prison), 4 Dock sq., Boston, Mass.
Hendricks Mfg. Co., Waynesboro, Pa.
Huebel Mfg. Co., 103 Monroe, Newark, N. J.
Indianapolis Lock Co. (Post Office), Indianapolis, Ind.
International Mfg. Co. (Recording Door), Columbus, O.
Ives, Hobart B. Co. (Sash), New Haven, Conn.
Keil, Francis & Son, 667 E 163d, N. Y.
Kenton Hardware Mfg. Co., Kenton, O.
Keyless Lock Co., 1041 Newman, Indianapolis, Ind.
Keystone Lock Works (Padlocks), Lancaster, Pa.
Keystone Lock Works, 234 Ionic, Phila., Pa.
Langstroth, W. G., 28 Mechanic, Newark, N. J.
Lockwood Mfg. Co., S. Norwalk, Conn.
Loeffelholz & Co. (Car & Switch), 170 Clinton, Milwaukee, Wis.
Meyersdale Mfg. Co., Meyersdale, Pa.
Michigan Mfg. Co., Ypsilanti, Mich.
Miller, J. B., Kent, O.
Miller Lock Co. (Keyless Padlock, Car, Switch, etc.), 4523 Tacony, Phila., Pa.
New England Lock & Hinge Co., Winchendon, Mass.
New York Lock Co., Branford, Conn.
Nock, G. W., 126 N 4th, Phila., Pa.
Norwalk Lock Co., S. Norwalk, Conn
Ochsner, A. & Son (Coach), 1060 State, New Haven, Conn.
Parker, C. Co. (Cabinet), Meriden, Conn.
Payson Mfg. Co., Chicago, Ill.
Peck, Stow & Wilcox Co., 27 Murray, N. Y., & Southington, Conn.
Penn Hardware Co. ("Heinzmann" Cylinder Dead Knob), Reading, Pa.
Phoenix Lock Works, 22 Commercial, Newark, N. J.
Reading Hardware Co., Reading, Pa.; 617 Market, Phila., Pa.; 96 Reade, N. Y., & 105 E Lake, Chicago, Ill.
Reeves Mfg. Co. (Bicycle), New Haven, Conn.
Rick Bros., Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.; 43 Chambers, N. Y., & Phila., Pa.
Sargent & Co. (General Line of Key Locks), Water & Wallace, New Haven, Conn., & 151 Leonard, N. Y.
Sargent & Greenleaf Co. (General Line of Key Locks), 178 Court, Rochester, N. Y.
Schroder, J. B. & Co., 133 W 5th, Cincinnati, O.
Slaight, Thos. Lock & Mfg. Co., 113 N. J. R. R. av, Newark, N. J.
Slaymaker, S. R. (Bicycle, Door, Dead, Dog Collar, Store Door & Padlock), Lancaster, Pa.
Smith & Egge Mfg. Co. (Pad, Mail Box, Sewing Machine, Bicycle & Piano), Bridgeport, Conn.
Star Lock Works, 110 S 8th, Phila., Pa.
Stearns, E. C. & Co., 100 Oneida, Syracuse, N. Y.
Stedenfeld, Gustav, 25 Springfield av, Newark, N. J.
Stewart, C. J. & Sons, 7 S Liberty, Baltimore, Md.
Taylor & Boggis Foundry Co., 521 Seneca, Cleveland, O.
Tiebout, W. & J. (Brass), 118 Chambers, N. Y.
Tower & Lyon Co., 95 Chambers, N. Y.
United States Steel Lock Co., Lyons, Ia.
Wise, J. B. (Sewing Machine & Organ), 41 Mill, Watertown, N. Y.
Wrightsville Hardware Co. ("Christiman" Shutter Lock & Bower), Wrightsville, Pa.
Yale & Towne Mfg. Co., Stamford, Conn.; 9 Murray, N. Y.; Witherspoon bldg, Phila., Pa.; 131 Wabash av, Chicago, Ill.; 12 Pearl, Boston, Mass., & San Francisco, Cal.

Lock-Nuts

American Bolt & Machine Co. ("Post"), Ottawa, Ohio
American Iron & Steel Mfg. Co., Lebanon, Pa.
American Pin Co. (Brass), Waterbury, Conn.
American Washer & Mfg. Co. (Single), ft of Hawkins, Newark, N. J., & 269 Dearborn, Chicago
Bourne & Knowles Mfg. Co., 68 S Main, Cleveland, O.
Climax Nut Lock Mfg. Co., 1132 Collins, St. Louis, Mo.
Columbia Nut & Bolt Co. ("Columbia"), Bridgeport, Conn.
Crandall Stone Co., Binghamton, N. Y.
Diamond State Steel Co. (Diamond Spring), Wilmington, Del.; 29 B'way, New York, &
Eureka Nut Lock Co. ("Bartley"), 32d & Smallman, Pittsburg, Pa.
Hamlin & Emery Brass Co. (Brass), 26 Island, Boston, Mass.
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
Jobson, Walter, Liverpool, Pa.
Jones Positive Nut Lock Co., 112 Clark, Chicago, Ill.
LUNKENHEIMER CO. (Brass), General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, New York, & 35 Great Dover st, London, S. E., England. (See adv. index, end of book)
Milton Mfg. Co., Milton, Pa.
National Elastic Nut Co. (Self-Locking), Milwaukee, Wis.
National Lock Washer Co., 65 Johnson, Newark, N. J.
Peerless Mfg. Co., 15th & Ormsby av, Louisville, Ky.
Positive Lock Washer Co., 291 N. J. R. R. av, Newark, N. J.
Ruffner & Son (Automatic, Single & Double), Falls of Schuylkill, Phila., Pa.
Solid Steel Tool & Forge Co. ("S. T. S."), Farmers' Bank bldg, Pittsburg, Pa.
Verona Tool Works, Murtland bldg, Pittsburg, Pa., & Verona, Pa.
Weber Railway Joint Mfg. Co., 71 B'way, New York
Western Tube Co. (Steam Fitters), Kewanee, Ill.

Lock-Nuts (Conduit)

Steel City Electric Co. ("Fullman," for Fastening Electric Wire Conduits), 3d & Penn av, Pittsburg, Pa.

Locks (Bicycle)

Corbin Cabinet Lock Co., New Britain, Conn.

Lockers (Metallic)

MERRITT & CO., 1024 Ridge av, Phila., Pa. (See adv. opp. this page)

Locks (Car & Switch)

Adams & Westlake Co., Ontario & N Franklin, Chicago, Ill., 2042 N 10th, Phila., Pa., & 26 Cortlandt, N. Y.
Bohannan, Wilson, 760 Lexington av, Brooklyn, N. Y.
Climax, J. H. W., 275 Passaic, Newark, N. J.
Creamer, W. G. & Co., 96 John, N. Y.
Dayton Mfg. Co., Dayton, Ohio
Detroit Ship Building Co. (Brass Dept.), Detroit, Mich.
Edgar Car Lock & Seal Co. (Box Car Locks, etc.), Iola, Kan.
Miller Lock Co., 4519 Tacony, Phila., Pa.
Russell & Erwin Mfg. Co., New Britain, Conn., & 43 Chambers, N. Y.
Sargent & Co., New Haven, Conn., & 149 Leonard, N. Y.
Slaight, Thos., Lock & Mfg. Co., 113 N. J. R. R. av, Newark, N. J.
Slaymaker, S. R., Lancaster, Pa.

Locks (Dog Collar)

Corbin Cabinet Lock Co. (Padlock, etc.), New Britain, Conn.
Tower & Lyon Co., 95 Chambers, New York

Locks (Electric)

EDWARDS & CO., 144th & 4th av, New York

Locks (Elevator Door)

(See Elevator Safety Locks)

Locks (Padlock)

Bohannan, Wilson, 760 Lex av, B'klyn, N. Y.
Buchmiller, D. F., Lancaster, O.
Chapman, W. H. Co., Middletown, Conn.
Climax, J. H. W., 275 Passaic, Newark, N. J.
Corbin Cabinet Lock Co. (Wrought & Cast), New Britain, Conn.
Dayton Mfg. Co., Dayton, O.
Detroit Shipbuilding Co., Detroit, Mich.
Eagle Lock Co., Terryville, Conn., & 98 Chambers, New York
Heuebl Mfg. Co., Newark, N. J.
Keystone Lock Works, Lancaster, Pa.
Mallory, Wheeler & Co., New Haven, Conn.
Miller Lock Co. (a Large Assortment of Styles), 4523 Tacony, Phila., Pa.
Russell & Erwin Mfg. Co., New Britain, Conn., & 43 Chambers, N. Y.
Sargent & Co., New Haven, Conn., & 151 Leonard, N. Y.
Schade & Co., 56 Ainslie, Brooklyn, N. Y.
Slaymaker, S. R., Lancaster, Pa.
Smith & Egge Mfg. Co. ("Giant," etc., & "Club" Toe Clips & Casters), Bridgeport, Conn.
Tower & Lyon Co., 95 Chambers, N. Y.
Wilcox, Crittenden & Co., Middletown, Conn.
Yale & Towne Mfg. Co., Stamford, Conn., & 9 Murray, N. Y.

Locks (Pole)

Cutter, Geo. Co., 129 Fulton, Chicago, Ill.

Locks (Safe Deposit)

HERRING-HALL-MARVIN SAFE CO., 400 B'way, New York; Hamilton, O.; Phila., Pa.; St. Louis, Mo., & San Francisco, Cal. (See adv. index, end of book)

Locks (Sash)

(See Sash Locks.)

Locks (Sash, Ventilating)

BICKELHOUPT. GEO. SKYLIGHT Works, 243 W 47th, New York. (See adv. index, end of book)
Dayton Supply Co., Dayton, O.

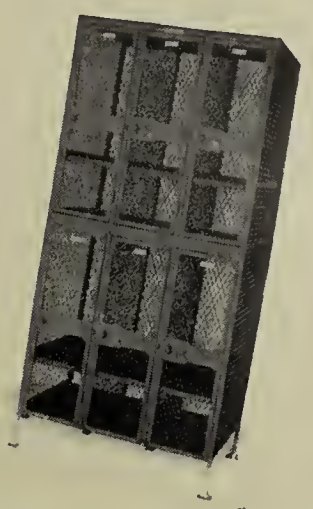
Locks (Time)

Barnes Safe & Lock Co., Pittsburg, Pa.
Consolidated Time Lock Co., 315 W 4th, Cincinnati, Ohio

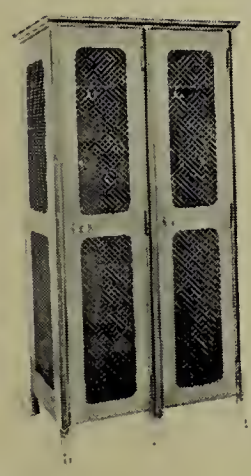
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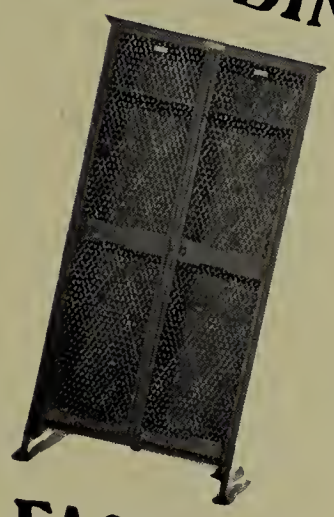
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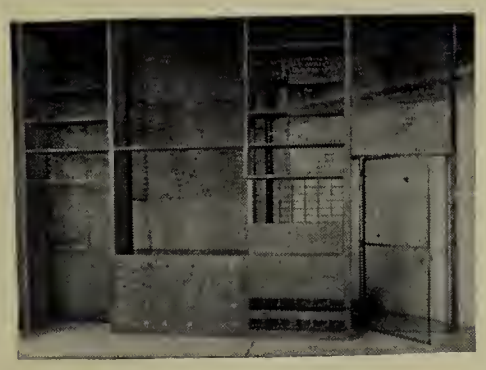






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Macneale & Urban Co., Hamilton, O.
Mosler Safe Co., Hamilton, O.
Sargent & Greenleaf Co., Rochester, N. Y.
Yale & Towne Mfg. Co., 9 Murray, New York

Locks (Trunk Suit & Case)

Corbin Cabinet Lock Co., New Britain, Conn.
Cream City Mfg. Co., Milwaukee, Wis.

Locks & Latches (Sliding Door)

Cronk & Carrier Mfg. Co. (Steel), Elmira, N. Y.
Lane Bros. Co., Poughkeepsie, N. Y
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.; 96 Reade, N. Y.; Phila., Pa., & Chicago, Ill.
Russell & Erwin Mfg. Co., New Britain, Conn., & 43 Chambers, N. Y
Wilcox Mfg. Co. (Self-Closing Fire Door), Aurora, Ill.

Locks & Locking Device (Prison Cell)

CHAMPION IRON CO., KENTON, O. (See adv. index, end of book)
Climax, J. H. W., 275 Passaic, Newark, N. J.
Ham, L. M. & Co., 152 Portland, Boston, Mass.
Pauly Jail Building Co., St. Louis, Mo.
Van Dorn Iron Works Co., Cleveland, O

Locomotive Bearings

(See Bearings, Locomotive; also Bearings, Anti-Friction; also Babbitt Metal.)

Locomotive Bell Ringers

Cheswick Mfg. Co., Cheswick, Pa.
CHICAGO PNEUMATIC TOOL CO. ("Little Giant," Pneumatic), Fisher bldg, Chicago, & 95 Liberty, New York. (See adv. index, end of book)
Hammett, Hiram C., 476 8th, Troy, N. Y.
Heginbottom, S. H. (Automatic), Saginaw, Mich.
Smedley Steam Pump Co. (Automatic), Dubuque, Iowa
United States Metallic Packing Co. (The Gollmar), 427 N 13th, Phila., Pa.
Van Duzen, B. W. Co., 428 E 2d, Cincinnati, O.
Western Railway Equipment Co., Union Trust bldg, St. Louis, Mo.

Locomotive Coaling Stations

(See Coal & Ore Handling Machinery)

Locomotive Fire Kindler

Railway Materials Co. ("The Ferguson," Portable), Old Colony bldg, Chicago

Locomotive Injectors

(See Injectors, Locomotive.)

Locomotive Jacket Iron

American Sheet & Tin Plate Co. ("Wood's" Planished), Frick bldg, Pittsburg, Pa. District Sales Offices, Battery Park bldg, New York; Rookery bldg, Chicago, Ill.; Chemical bldg, St. Louis, Mo.; Union Trust bldg, Cincinnati, O.; Union Trust bldg, Detroit, Mich.; Equitable bldg, Denver, Col.; Hennen bldg, New Orleans, La.; Portland, Ore., & San Francisco, Cal. (See adv. index, end of book)
Wood, Alan Co. (Patent Planished), 519 Arch, Phila., Pa.
Wood, J. & Bros. Co. (Inc.), Conshohocken, Pa.

Locomotive Jacket Steel Sheets for Painting

AMERICAN SHEET & TIN PLATE Co., Frick bldg, Pittsburg, Pa. District Sales Offices, Battery Park bldg, New York; Rookery bldg, Chicago, Ill.; Chemical bldg, St. Louis, Mo.; Union Trust bldg, Cincinnati, O.; Union Trust bldg, Detroit, Mich.; Equitable bldg, Denver, Colo.; Hennen bldg, New Orleans, La.; Ainsworth blk, Portland, Ore., & Mills bldg, San Francisco, Cal. (See adv. index, end of book)

Locomotive Lagging

Alliance Asbestos Mfg. Co., Alliance, O.
Carey, Philip Mfg. Co., Lockland, O.
Franklin Mfg. Co. (Also Air Pump Cylinder Lagging), Franklin, Pa.
Johns, H. W.-Manville Co., 100 William, N. Y.; 171 Randolph, Chicago, Ill.; 77 Pearl, Boston, Mass.; 23 N 2d, Philadelphia, Pa.; 217 Clybourn av, Milwaukee, Wis.; 14 S Water, Cleveland, O.; 220 1st av, Pittsburg, Pa.; 217 Magazine, New Orleans, La.; 916 N B'way, St. Louis, Mo.; Billister bldgs, London, Eng.
Keasbey & Mattison Co. (Magnesia & Asbestos). Main Office & Works, Ambler, Pa. Branches, 84 John, New York; 1111 14th, N. W., Washington, D. C.; 117 Water, Cleveland, O.; 208 Lake, Chicago, Ill.; 154 Pearl, Boston, Mass.; 110 N Forsyth, Atlanta, Ga.; 214 S Peters, New Orleans, La.; Granite blk, St. Louis, Md.; 528 Main, Cincinnati, O.; 187 Liberty av, Pittsburg, Pa.; 350 E Water, Milwaukee, Wis.; 307 S 6th, Minneapolis, Minn.; 325 W Michigan, Duluth, Minn., & 18 E 3d, St. Paul, Minn.
Trainer, C. W. Mfg. Co., 89 Pearl, Boston, Mass
Union Fibre Co., Winona, Minn., & 143 Reed, Milwaukee, Wis.
UNITED STATES MINERAL WOOL CO., 143 Liberty, New York. (See adv. index, end of book)
WATSON, W. S. CO., Erie, Pa.; 12 S Clinton, Chicago, Ill., & 233 Congress, Boston, Mass. (See adv. index, end of book)

Locomotive Netting

MICHIGAN WIRE CLOTH CO., Detroit, Mich. (See adv. index, end of book)
TYLER, W. S. CO., 1150 St. Clair, Cleveland, O.; 11 B'way, New York, & Bessemer bldg, Pittsburg, Pa. (See adv. index, end of book)

Locomotive Oil Cups.

See also Oil & Grease Cups.
Also Lubricators.

AMERICAN BRAKE SHOE & FOUNdry Co. (Steel), Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)
Crosby Steam Gauge & Valve Co., 95 Oliver, Boston, Mass.; 21 W Lake, Chicago, & 78 John N. Y.
Detroit Lubricator Co., Hodges bldg, Detroit, Mich.
Kelly & Jones Co., 135 Water, Pittsburg, Pa.; 15 Park Row, N. Y., & 59 Clark, Chicago, Ill. Works, Greensburg, Pa.
LUNKENHEIMER CO., General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, N. Y., & 35 Great Dover st, London, S. E., England. (See adv. index, end of book)
Michigan Lubricator Co. ("Michigan"), Detroit, Mich.
Powell, Wm. Co., 2529 Spring Grove av, Cincinnati, O.

Locomotive Rod & Guide Cups

Detroit Lubricator Co. ("Detroit"), Detroit, Mich.
LUNKENHEIMER CO. General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, New York, & 35 Great Dover st, London, S. E., England. (See adv. index, end of book)

Locomotive Sanders

American Locomotive Sander Co. ("Leach," "Dean," "Houston," "She" & "Curtis"), 13th & Willow, Philadelphia, Pa.
Economy Locomotive Sander Co., 15 S. Charles, Baltimore, Md.
Western Railway Equipment Co. (Mudd Pneumatic Track Sanders), Missouri Trust bldg, St. Louis, Mo.

Locomotive Spring Balances

ASHCROFT MFG. CO., THE ("Tabor"), 85, 87, 89 Liberty, New York, & 22, 24, 26 S Canal, Chicago, Ill. Works: Bridgeport, Conn.
Star Brass Co., 105 E Dedham, Boston, Mass.; 38 Cortlandt, New York, & Chicago, Ill.

Locomotive Stokers

Day-Kincaid Stoker Co. (The Kincaid), Cinn., O.

Locomotive Supplemental Steam Domes

Detroit Lubricator Co. ("Detroit"), Detroit, Mich.

Locomotive Tiles

Akron Fire Brick Co., Akron, O.
BOSTON FIRE BRICK CO. (Geo. M. Fiske, Mfr.), 161 Devonshire, Boston, Mass. (See adv. index, end of book)
Buckeye Fire Clay Co., Uhrichsville, O.
Chicago Retort & Fire Brick Co., 45th & Clark, Chicago, Ill.
Denny Clay Co., Seattle, Wash.
Denver Fire Clay Co., 1742 Champa, Denver, Col.
Evens & Howard Fire Brick Co., 920 Market, St. Louis, Mo.
Garden City Sand Co., Security bldg, Chicago, Ill.
Garfield Fire Clay Co., Bolivar, Pa.
Harbison-Walker Refractories Co., Farmers' Bank bldg, Pittsburg, Pa.
Kier Fire Brick Co., 341 6th av, Pittsburg, Pa.
Laclede Fire Brick Mfg. Co., Manchester & Sulphur avs, St. Louis, Mo.
Lincoln Fire Brick & Shape Co., 1st Nat'l Bk bldg, Pittsburg, Pa.
MAURER, HENRY & SON, 420 E. 23d, New York; Penna bldg, Phila., Pa. Works, Maurer, N. J. (See adv. index, end of book)
Mutton Hollow Fire Brick Co., Woodbridge, N. J.
NATIONAL FIRE PROOFING CO., Bessemer bldg, Pittsburg, Pa.; 170 B'way, New York; North American bldg, Phila., Pa.; Tremont bldg, Boston, Mass., & 140 Dearborn, Chicago, Ill. (See adv. index, end of book)
NATIONAL PYRORGANIT CO., 17 Battery pl, New York. Works, South River, N. J. (See adv. index, end of book)
Newton-Perkins Fire Brick Co., Albany, N. Y.
Ostrander Fire Brick Co., 309 2d, Troy, N. Y.
Pacific Mfg. Co., Los Angeles, Cal.
Parker-Russell Mining & Mfg. Co., St. Louis, Mo.

Rutland Fire Clay Co., Rutland, Vt.
St. Louis Vitrified & Fire Brick Co., St. Louis, Mo.
Stevens, H. Sons Co., Macon, Ga.
Superior Fire Lining Co., Trenton, N. J.
Tygart Fire Brick Co., 706 Burns, Cinn., O. Works, Fullerton, Ky.
Washington Brick, Lime & Mfg. Co., Spokane, Wash.
Welch Fire Brick Works, House bldg, Pittsburg, Pa.

Locomotive Water Cranes

(See Cranes, Locomotive Water.)

Locomotives

American Locomotive Co., 25 Broad, N. Y. Works, Schenectady, N. Y.; Dunkirk, N. Y.; Providence, R. I.; Scranton, Pa.; Manchester, N. H.; Richmond, Va.; Allegheny, Pa., & Paterson, N. J.
Apex Equipment Co. (Mfrs. Agts) (Contractors, Freight, Mine, Plantation, etc.), 11 B'way, New York
Baldwin Locomotive Works (Burnham, Williams & Co.), 500 N. Broad, Phila., Pa., & 71 B'way, N. Y.
BYERS, JNO. F. MACHINE CO., Ravenna, O. (See adv. index, end of book)
Chicago Car & Locomotive Works, Fisher bldg, Chicago, Ill. Works, Hegewisch, Ill.
Climax Mfg. Co., Corry, Pa.
Davenport Machine Works (Contractors, Mine, etc.), Davenport, Iowa
DAVIES, FRANK, Hennen bldg, New Orleans, La. (See adv. index, end of book)
East St. Louis Locomotive & Machine Shop Co. (Locomotives Built & Rebuilt), East St. Louis, Ill.
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, New York. (See adv. index, end of book)
Godwin, Thos. W. & Co., Norfolk, Va.
Heisler Pumping Engine Co. (for Mountain Use), Erie, Pa., & Westinghouse bldg, Pittsburg, Pa.
Hicks Locomotive & Car Works, 277 Dearborn, Chicago, Ill.
Hildenbrand, W. (for Inclines), 1 B'way, N. Y.
Hunt, C. W. Co., 45 B'way, N. Y. Works, W. New Brighton, L. I., N. Y.
Kilby Locomotive & Machine Works (Logging), Anniston, Ala.
KOPPEL, ARTHUR, 68 Broad, New York. (Se adv. index, end of book)
Lima Locomotive & Machine Co., Lima, O.
Petersburg Iron Works Co., Petersburg, Va.
Prouty Locomotive Co. (Gas), Lansing, Mich.
Rogers Locomotive Works, Paterson, N. J., & 33 Wall, N. Y.
SHAW, WILLIS (New and second hand, all kinds), 171 La Salle, Chicago, Ill. (See adv. below)
Vulcan Iron Works, Wilkesbarre, Pittston & Tamaqua, Pa.
WESTINGHOUSE ELECTRIC & MFG. Co. (Electric), Pittsburg, Pa. (See adv. index, end of book)

Locomotives (Compressed Air)

American Locomotive Co., 25 Broad, N. Y. Works, Dunkirk, N. Y.; Providence, R. I.; Schenectady, N. Y.; Richmond, Va.; Manchester, N. H.; Scranton, Pa.; Allegheny, Pa., & Paterson, N. J.
Baldwin Locomotive Works (Burnham, Williams & Co.), 500 N Broad, Phila., Pa.
Compressed Air Co. (for Street Railways), 24 State, N. Y.
Porter, H. K. Co. (Industrial, 6th & Wood, Pittsburg, Pa.

Locomotives (Contractors')

(See Locomotives, Industrial and Mine.)

Locomotives (Dirt Road)

Buffalo Pitts Co., Buffalo, N. Y.
Port Huron-Engine & Thresher Co. (Traction), Port Huron, Mich.

Locomotives (Electric)

Akron Electrical Mfg. Co., Akron, O.
American Locomotive Co., 25 Broad, N. Y. Works, Schenectady, N. Y.; Dunkirk, N. Y.; Richmond, Va.; Manchester, N. H.; Scranton, Pa.; Providence, R. I.; Allegheny, Pa., & Paterson, N. J.
Baldwin Locomotive Works, 500 N Broad, Phila., Pa.
Brill, J. G. Co., 62d & Woodland av, Phila., Pa.
Bullock Electric Mfg. Co., Cincinnati, O.
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, New York. (See adv. index, end of book)
Goodman Mfg. Co., S Halsted & 48th pl, Chicago, Ill.
Hunt, C. W. Co. (for Industrial Railways), 45 B'way, N. Y. Works, W New Brighton, S. I., N. Y.
KOPPEL, ARTHUR, 68 Broad, New York. (See adv. index, end of book)
McGuire-Cummings Mfg. Co., 122 N. Sangamon, Chicago, Ill.
Porter, H. K. Co. (for Industrial Railways), 6th & Wood, Pittsburg, Pa.
Robins Conveying Belt Co., 15 Park Row, New York
Taunton Locomotive Mfg. Co., Taunton, Mass.
Wagner-Palmros Mfg. Co., Fairmont, W. Va.
WESTINGHOUSE ELECTRIC & MFG. Co., Pittsburg, Pa. (See adv. index, end of book)

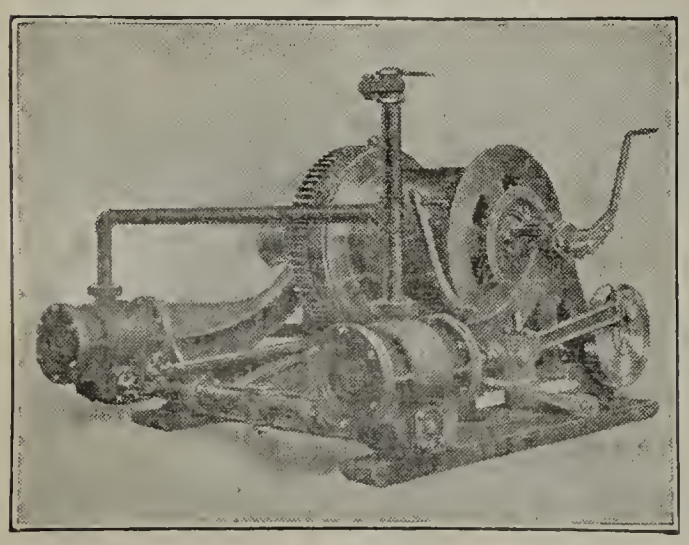
Locomotives (Electric, Mining)

Akron Electrical Mfg. Co., Akron, O.
Baldwin Locomotive Works, 500 N Broad, Phila., Pa.
Erie City Iron Works, Erie, Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, New York. (See adv. index, end of book)
Goodman Mfg. Co., S Halsted & 48th pl, Chicago, Ill.
JEFFREY MFG. CO., Columbus, O.; 41 Dey, N. Y., & Equitable bldg, Denver, Colo. (See adv. index, end of book)
KOPPEL, ARTHUR, 68 Broad, New York. (See adv. index, end of book)
Link Belt Machinery Co., 39th & Stewart av, Chicago
Morgan Electric Machine Co., Monadnock blk, Chicago
Wagner-Palmros Mfg. Co., Fairmont, W. Va.
WESTINGHOUSE ELECTRIC & MFG. Co., Pittsburg, Pa. (See adv. index, end of book)

Locomotives (Industrial & Mine)

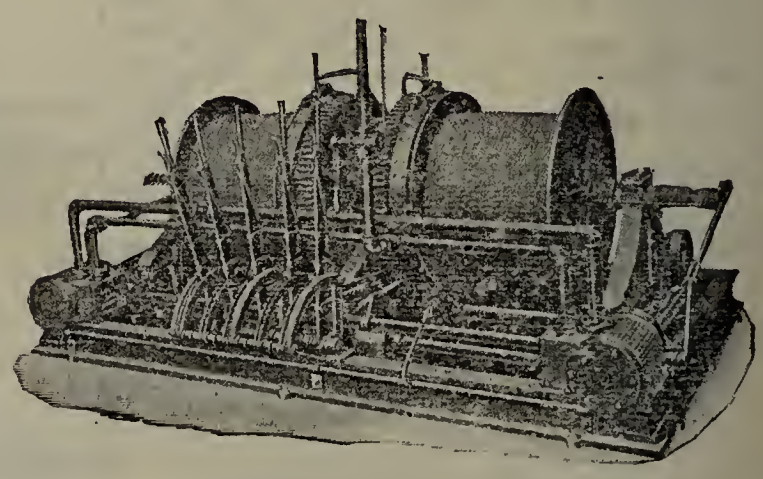
(See also Locomotives, Electric Mining.)

American Locomotive Co., 25 Broad, N. Y. Works, Schenectady, N. Y.; Dunkirk, N. Y.; Providence, R. I.; Richmond, Va.; Manchester, N. H.; Scranton, Pa.; Allegheny, Pa., & Paterson, N. J.
Apex Equipment Co. (Mfrs. Agents), 11 B'way, New York
Baldwin Locomotive Works, 500 N Broad, Phila., Pa.
Brill, J. G. Co. (Electric), Phila., Pa.
BYERS, JNO. F. MACHINE CO., Ravenna, O. (See adv. index, end of book)
Carlin, W. J. Co., 34th & A. V. Ry, Pittsburg, Pa.
Chicago Car & Locomotive Works, Fisher bldg, Chicago, Ill. Works, Hegewisch, Ill.
Climax Mfg. Co. (Tramway), Corry, Pa
CONTRACTORS SUPPLY & EQUIPMENT CO., Old Colony bldg, Chicago, Ill.; 170 B'way, New York, & 509 W 5th, Kansas City, Mo. (See adv. index, end of book)
Davenport Locomotive Works, Davenport, Ia.
DAVIES, FRANK, Hennen bldg, New Orleans, La. (See adv. index, end of book)
Hunt, C. W. Co., 45 B'way, N. Y. Works, W New Brighton, S. I., N. Y.



I buy good second hand machinery.

Tell me what you have for sale. I handle new and second hand machinery generally for contractors, railroads, mines, quarries and manufacturing plants. Large stock here in Chicago warehouse to select from. *Easy to do business with me.*



WILLIS SHAW, MACHINERY,

Office, 171 La Salle Street, CHICAGO, ILL.

KOPPEL, ARTHUR, 68 Broad, New York. (See adv. index, end of book)
LEAVITT, C. W. & CO., 15 Cortland, New York. (See adv. index, end of book)
Lima Locomotive & Machine Co. ("Shay" Geared), Lima, O.
Petersburg Iron Works Co., Petersburg, Va.
Porter, H. K. Co. (Steam, Electric & Pneumatic), 6th & Wood, Pittsburg, Pa.
Prouty-Pierce Locomotive Mfg. Co. (Gasoline), 665 Adams, Kansas City, Kans.
SHAW, WILLIS (New and Second hand, all kinds), 171 La Salle, Chicago, Ill. (See adv. preceding page)
Stearns Mfg. Co. (weight 14 to 60 tons), Erie, Pa.
Vulcan Iron Works, Wilkesbarre, Pittston & Tamaqua, Pa.
WESTINGHOUSE ELECTRIC & MFG. Co., Pittsburg, Pa. (See adv. index, end of book)
WONHAM-MAGOR ENGINEERING Works ("Porter"), 29 B'way, New York. (See adv. index, end of book)

Locomotives (Logging)

American Locomotive Co., 25 Broad, New York Works: Schenectady, N. Y.; Dunkirk, N. Y.; Providence, R. I.; Richmond, Va.; Manchester, N. H.; Scranton, Pa.; Allegheny, Pa., & Paterson, N. J.
Climax Mfg. Co. (Tramway), Corry, Pa.
Dilley Foundry Co., Pine Bluff, Ark.
Hicks Locomotive & Car Works, 277 Dearborn, Chicago.
Kilby Locomotive & Machine Works, Anniston, Ala.
Lima Locomotive & Machine Co. ("Shay" Geared & Direct Connected), Lima, O.
Petersburg Iron Works Co., Petersburg, Va.
Porter, H. K. Company, 541 Wood, Pittsburg, Pa.
Prouty-Pierce Locomotive Mfg. Co. (Gasoline), 665 Adams, Kansas City, Kans.
WONHAM-MAGOR ENGINEERING Works ("Porter"), 29 B'way, New York. (See adv. index, end of book)

Locomotives (Oil Burning)

American Locomotive Co., 25 Broad, New York Works: Schenectady, N. Y.; Dunkirk, N. Y.; Richmond, Va.; Scranton, Pa.; Providence, R. I.; Manchester, N. H.; Allegheny, Pa., & Paterson, N. J.
Baldwin Locomotive Works, 500 N Broad, Phila., Pa.

Locomotives (Pneumatic)

(See Locomotives, Compressed Air.)

Locomotives (Second Hand)

(See Railroad Equipments, Second Hand.)
(Also Railroad Supplies.)

Locomotives (Traction)

(See Locomotives, Dirt Road.)

Locomotives & Railways (Miniature)

Armitage-Herschell Co., N Tonawanda, N. Y.
Cagney Bros., 407 B'way, New York
Girard Machine Works (15-inch gauge), 2616 Girard av, Phila., Pa.
Parker, C. W., Abilene, Kan.

Log Hauls or Nigger Heads

Allis-Chalmers Co., New York Life bldg, Chicago; 71 B'way, New York. Works, Chicago, Scranton, Pa., & Milwaukee, Wis.
Bay City Iron Co., Bay City, Mich.
Chandler & Taylor Co., Indianapolis, Ind.
Diamond Iron Works ("Diamond" Steam & Car Hauls), Minneapolis, Minn.
Henderson, W. K. Iron Works & Supply Co., Shreveport, La.
Lane Mfg. Co., Montpelier, Vt.
LESCHEN, A. & SONS ROPE CO., 920 N 1st, St. Louis, Mo.; 163 Wash'n, New York; 137 E Lake, Chicago, & 1717-23 Arapahoe, Denver, Colo. (See adv. index, end of book)
Link Belt Engineering Co., Nicctown, Phila., Pa.; 47 Dey, New York, & Park bldg, Pittsburg, Pa.
Mecklenburg Iron Works, Charlotte, N. C.
Southern Engine & Boiler Works, Jackson, Tenn.
Union Iron Works, Bangor, Me.
Wickes Bros., Saginaw, Mich.

Log Hooks or Timber Carriers.

CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
Jackson Shovel & Tool Co. ("Acme"), Montpelier, Ind., & Market & Randolph, Chicago

Log Jackers

Buhl Malleable Co., Detroit, Mich.
Garland, M. Co., Bay City, Mich.
Lane Mfg. Co., Montpelier, Vt.
Link Belt Engineering Co., Nicetown, Phila., Pa.; 47 Dey, New York, & Park bldg, Pittsburg, Pa.
Phoenix Mfg. Co., Eau Claire, Wis.
Wickes Bros., Saginaw, Mich.

Log Loaders (Steam)

Roots, P. H. & F. M. Co., Connersville, Ind., & 120 Liberty, New York

Log Rollers

Allis-Chalmers Co., New York Life bldg, Chicago, & 71 B'way, New York. Works, Chicago, Scranton, Pa., & Milwaukee, Wis.
Diamond Iron Works ("Diamond" Steam & Automatic), Minneapolis, Minn.
FILER & STOWELL CO., Becher & Ziemer, Milwaukee, Wis. (See adv. index, end of book)
Garland, M. Co. (the Kline), Bay City, Mich.
Lane Mfg. Co., Montpelier, Vt.
Murray, D. J. Mfg. Co., Wausau, Wis.
Wickes Bros., Saginaw, Mich.

Log Turners

Challoner's, Geo. Sons Co., Oshkosh, Wis.
Chandler & Taylor Co., Indianapolis, Ind.
Edwards Mfg. Co., Laceyville, Pa.
FILER & STOWELL CO., Becher & Ziemer, Milwaukee, Wis. (See adv. index, end of book)
Garland, M. Co., Bay City, Mich.
Hamilton, Wm. Mfg. Co. (the Simondson), Peterboro, Ontario, Canada
Lane Mfg. Co., Montpelier, Vt.
Moltz, Jacob J., Williamsport, Pa.
Phoenix Mfg. Co. ("Hills"), Eau Claire, Wis.
Rockwood Mfg. Co., Indianapolis, Ind.
Southern Engine & Boiler Works, Jackson, Tenn.
Trumbull Mfg. Co., Warren, Ohio
Wheland Machine Works, Chattanooga, Tenn.
Wickes Bros., Saginaw, Mich.

Logging by Steam

(See Logging Cableways.)

Logging Cableways

Flory, S. Mfg. Co., Bangor, Pa.
Hallidie-Painter Tramway Co., 46 Fremont, San Francisco, Cal.
LAMBERT HOISTING ENGINE CO., 115 Poinier, Newark, N. J. (See adv. index, end of book)
LESCHEN, A. & SONS ROPE CO. (Overhead), 920 N. 1st, St. Louis, Mo.; 137 E Lake, Chicago; 163 Wash'n, New York, & 1717-23 Arapahoe, Denver, Colo. (See adv. index, end of book)
LIDGERWOOD MFG. CO., 96 Liberty, N. Y., & Old Colony bldg, Chicago. (See adv., front colored page)

Logging Cars

(See Cars, Logging.)

Logging Railways

(See Railways, Industrial & Portable.)

Logging Roads & Cars (Pole)

Butterworth & Lowe, Grand Rapids, Mich.

Low Water Alarms for Boilers

(See Alarms, Low Water, for Boilers.)

Lubricants (Commutator)

(See Compounds, Commutator.)

Lubricants (Graphite)

Detroit Graphite Co., 540 River, Detroit, Mich.
Dixon, Jos. Crucible Co., Jersey City, N. J.; 66 Reade, New York; 1020 Arch, Philadelphia.
Force Feed Lubricating Co., Milwaukee, Wis.
Lubriphite Co. (Inc.), ("Lubriphite" Graphite in Oil), 115 Plymouth, Jersey City, N. J.
Monarch Mfg. Co. ("Chaunellene" Graphite Oil), Council Bluffs, Ia.
Standard Graphite Co., 11 B'way, N. Y.
U. S. Graphite Co., Saginaw, Mich.
Wisconsin Graphite Co., Allegheny, Pa.

Lubricants (Mica)

Warren Mica Lubricant Co., Warren, Pa.

Lubricants (Wire Rope)

American Supply Co., 960 2d av, Pittsburg, Pa.
ATLAS PAINT CO. (Ltd.), 2638 Lib- erty av, Pittsburg, Pa. (See adv. index, end of book)
CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
Dixon, Jos. Crucible Co., Jersey City, N. J.; 66 Reade, New York; 1020 Arch, Phila., Pa.; 304 Market, San Francisco, & 28 Victoria st., Westminster, London, England
Ironsides Co., Columbus, Ohio
Wisconsin Graphite Co. (Graphite), Allegheny, Pa.

Lubricating Compounds

(See Lubricating Oils & Greases.)

Lubricating Oils & Greases

CALIFORNIA.

LOS ANGELES—Hercules Oil Refining Co.
Warren & Bailey Mfg. Co. (Oils)
SAN FRANCISCO—Clinch, C. G. & Co., 9 Front
Dixon, Jos. Crucible Co., 304 Market.
Nason, R. N. & Co., 115 Front
N. Y. Lubricating Oil Co., 530 Calif
Whittier, Coburn Co., 18 Front

CONNECTICUT.

HARTFORD—Tracy Oil & Varnish Co., 218 State

ILLINOIS.

AURORA—Akron Mining, Milling & Mfg. Co.
CHICAGO—Besly, Chas. H. & Co. ("Helmet" Oil)
Champion Oil Co. (Also for Hot Box), W 39th c Lowe av
Crescent Oil, Asphalt & Gas Co. (Natural Lubricating Oils), National Life bldg
Dearborn Drug & Chemical Works, Rialto bldg
Frazer Lubricator Co., 36 Superior
INDIANA ASPHALT CO. (Oils Only), Railway Exchange bldg. (See adv. index, end of book)
Keystone Oil & Mfg. Co., 47 E Division
Magie Bros., 9 N Canal
Miller, Wm. P. Co., 21 River
Smith Lubricating Co., 299 Fulton
Speare's, Alden Sons Co., 54 N Canal
Stuart, D. A. & Co., 447 Illinois
Sullivan Oil Co., 48 N Wells
Winne, Howard B., 31 S Canal

INDIANA

INDIANAPOLIS—Miller Oil & Supply Co.

IOWA.

COUNCIL BLUFFS—Monarch Mfg. Co.
MARSHALLTOWN—Marshall Oil Co. ("Rex" Ice Oil for Railroad Signals, etc.)

MARYLAND.

BALTIMORE—New York Lubricating Oil Co., 524 Light
Patapsco Oil & Grease Co., 219 Wood
Red "C" Oil Mfg. Co., 38 S Calvert
Robinson, Wm. C. & Son (Cylinder Engine, Spindle & Dynamo Oils & Greases)
Sherwood Bros., 407 E Pratt
Tiona Oil Co. (Cylinder Oils, etc.)

MASSACHUSETTS.

BOSTON—Bruck Solidified Oil Co., 254 Dover
Eagle Oil & Supply Co. ("Eagleine"), 104 Broad
Fitts, Frank E. Mfg. & Supply Co., 88 Purchase
Hall, H. J. Oil Co., 55 St. Stephen
Jenney Mfg. Co., 291 W 1st
Lubron Mfg. Co. ("Lubron," Grease), 38 India
Macomber, Henry S. & Co., 150 Milk
Mass. Oil Co., 143 High
Masury, Young & Co. (Wool Oils, Lubricating Greases, etc.), 198 Milk
Patterson Lubricating Co., 32 Oliver
Speare, Alden Sons Co., 369 Atlantic av
Vacuum Oil Co., 101 Milk
Wood, W. A. Co., 373 Atlantic av
NEW BEDFORD—Nye, Wm. F. (Oils Only), Fish Island
Robinson, Wm. A. Co.
WORCESTER—Dixon, Geo. S., 222 Front
Fairbanks & Boynton Co., 49 Vine
White & Bagley Co., 100 Foster
Winn, Wm. R., 53 Lyman

MICHIGAN.

DETROIT—Detroit Graphite Mfg. Co., 10 12th
Detroit Refining Co., Majestic bldg
Republic Oil Co., 701 Bellevue av
Wing, J. T. & Co., 19 Woodward av

MINNESOTA.

MINNEAPOLIS—Stahl-Salter Lubricating Co., 983 17th av

MISSOURI.

KANSAS CITY—Keystone Oil Co., 2009 Balto. av
ST. LOUIS—Chappell Oil & Grease Co., 205 N Main
Holste, Fred'k, 343 DeSoto av
Jones, Geo. P. & Co., 704 N Main
Northrup, Frank B., 308 N Commercial

NEW JERSEY.

ELIZABETH—Borne, Scrysmer Co.
Ellis, W. A. & Son (Oils), Ellis av & Front
JERSEY CITY—Dixon, Jos. Crucible Co.
Frazer Lubricator Co., 179 15th
Underhill, Jarvis F. Co., 49 Hudson, Jersey City, N. J.

NEW YORK.

ALBANY—Independent Oil Co., head of Tivoli
Liscomb, Bleeker & Godley, 13 Hudson av
Murphey, E. W., 109 Montg'y
Wing, Robt. & Son, 62 Quay
BINGHAMTON—Binghamton Oil Refining Co.
Hoffman Lubricator & Oil Co.
BUFFALO—Enterprise Oil Supply Co.
Merchants Refining Co. (Cylinder Stocks, etc.)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Columbia Refining Co., 71 Quay
Miller, Wm. P. Co., 100 G'point av
Newton, A. E. & Co., 333 Bond

Boroughs of Manhattan & Bronx

NEW YORK—Alexander, H. T. & Co., 17 State
Belden, A. G. & Co. (Importers & Exporters), 145 Maiden lane
Benners, E. H. Co., 61 Pearl
Borne, Scrysmer & Co., 80 South
Buxton, Heins & Co., 12 Jacob
Callahan, Geo. & Co., 218 Front
Chard & Howe, 253 Front
Clarkson & Ford Co., 55 Water
Columbia Refining Co., 32 B'way
Cook's Adam Sons, 313 West
Dingee, M. H. & Co., 254 Water
Dixon, Jos. Crucible Co., 68 Reade
Fiske Bros. Refining Co., 59 Water
Frazer Lubricator Co., 83 Murray
Haggerty Refining Co., 50 South
Hall, G. E. (Mineral Machine Oils, etc.), 211 Centre
Haws, Geo. A. (Oils & Greases), 25 Bridge
Ilsley, Doubleday & Co., 229 Front
Kanter, R. J. Co., 647 Water
Kellogg, E. H. & Co. ("Anti-Corrosine," Cylinder, Dynamo & Spindle, Oils, etc.), 243 South
New York Lubricating Oil Co., 116 Broad
New York & New Jersey Lubricant Co., 14 Church
Pattberg, F. & Co., 147 Maiden lane
Pulver, Peter & Sons, 214 Franklin
Sharpe & Co., 27 South
Smith & Nichols, 145 Front
Speare, Alden Sons Co., 100 William
Standard Oil Co., 26 B'way
Steck, F. G., 51 Front
Stoeckel, R. E., 2443 3d av
Winn, Wm. R. (Also Easy Run Axle Grease), 143 Maiden lane
Zibell, J. A., 273 Water

END OF NEW YORK CITY.)

ROCHESTER—Hayner, Norman C. Co. (Cylinder, Engine & Dynamo Oils, etc.)
Vacuum Oil Co., Granite bldg
SYRACUSE—Syracuse Reduction & Mfg. Co., White Mem. bldg
TROY—Troy Oil Works, 550 Fulton

OHIO.

CINCINNATI—Burchardt & Co., 323 Sycamore
Crystal Oil Co., 927 McLean av
Fulton Oil Works, 126 Sycamore
Independent Oil & Grease Co., 664 Freeman av
Moore, Chas. H. Oil Co., 641 W Front
New Process Oil Co., 50 Elm
Paragon Refining Co., Colerain av & B. & O. S. W. R. R.
Queen City Oil Co., Front & Plum
Star Oil Co., Brighton Station
Traffic Oil Supply Co. (Dimmitt's), 125 B'way
Valvoline Oil Co., 1755 Elmore
CLEVELAND—Atlantic Refining Co., Citizens' bldg
Brooks Oil Co., Bessemer av, at C. & P. R.R.
Climax Refining Co., Williamson bldg
Crystal Oil Refining Co. (Cylinder, Valve & Engine Oils, etc.), Wade bldg
Diana Oil Works, 822 Kinsman
Globe Oil Co., Rose bldg
National Refining Co. (Cylinder, etc.), Rose bldg
Reliance Oil & Grease Co., Bratenahl bldg
Standard Oil Co., Standard bldg
Wilson-Clark Co., Caxton bldg
COLUMBUS—Ironsides Co. (For Gearing, etc.), The Wyandotte
MARIETTA—Imperial Oil Works (Cylinder Stocks, etc.)
TOLEDO—Monarch Mfg. Co.
Paragon Refining Co. (Cylinder Valve & Engine Oils & Greases & Lubricating Compounds)
National Cement & Rubber Mfg. Co.

PENNSYLVANIA.

ALLEGHENY—Miller's, A. & Sons Co. (Cylinder, Engine & Dynamo Oils & Cup, Journal, Belt & Sponge Greases)
BRADFORD—Emery Mfg. Co. (Steam Refined Cylinder Stock)
Hoffman, R. J.
Journal Oil Co.
Penn Lubricating Co. of Pa.
CONNELLSVILLE—Lackawanna Lubricator & Mfg. Co. (Grease)
EASTON—World Refining Co.
EMLENTON—Emlenton Refining Co. (Cylinder, Engine, Spindle, Dynamo, etc.)
ERIE—Erie Oil Co.
FRANKLIN—Eclipse Lubricating Oil Works
Galena Signal Oil Co. (Coach Engine & Car Oils & "Sibleys" Perfection Valve & Signal Oils)
MEADVILLE—Eclipse Lubricating Oil Co.
OIL CITY—Crystal Oil Works (Railroad Oils a Specialty)
Germania Refining Co. (Cylinder, Spindle, Engine Valve, etc.)
PHILADELPHIA—Borne, Scrymser Co., 216 N Front
Crew, Levick Co. (Cylinder, Spindle, etc.), 113 Arch
Dixon, Jos. Crucible Co., 1020 Arch
France Packing Co., 6512 State rd
Houghton, E. F. & Co. (Cosmolubric Oil, Vim Cylinder Oils, Lubricating Greases, etc.), 240 W Somerset
Keystone Lubricating Co. (Greases & Compounds & Belt Greases), 20th & Allegheny av
Sunlight Oil & Gasoline Co. (Cylinder & Lubricating Oils), 217 Arch
Union Petroleum Co. (Cylinder, Engine, Dynamo, Wool & Cordage Oils, Lubricating, Spar & Belt Greases, etc.), 138 S 2d
Zurn, O. F. Co., 408 Vine
PITTSBURG—American Supply Co., 3200 2d av
Dalzell, Jas. & Son Co., 109 Water
Duquesne Oil & Supply Co., 33d & Smallman
Hamel, J. J. & Co., Iron House bldg
McClintock & Irvine Co., Neville & P. R. R.
Penn Lubricating Co., 34th & A. V. Ry.
Pittsburg Oil Refining Co. (Cylinder, Spindle, etc.), 425 1st av
Willock, S. M. (Mecca Cylinder, etc.), 54th & A. V. Ry.
READING—Ellis & Cummings
TITUSVILLE—Frank Oil Co. (Oils)
Guffey, J. M. Petroleum Co. (Petroleum Refiners), Frick bldg, Pittsburg, Pa.
Harris Oil & Grease Works (Gas Engine Cylinder Oils, etc.)
WARREN—Cornplanter Refining Co. (Cylinder, Spindle, Engine, etc.)
Seneca Oil Works (Cylinder & Machinery Oils)
United Refining Co.
Warren Mica Lubricant Co. ("Mica.")
Warren Refining Co. (Cylinder, Engine, etc.)
Warren Specialty Co. (Cup & Axle Grease)
WILLIAMSPORT—Lycoming Oil & Grease Co.

RHODE ISLAND.

PROVIDENCE—American Oil Co., 180 S Water
American Supply Co., 13 Eddy
Harris, A. W. Oil Co.

TENNESSEE.

MEMPHIS—Coffin, J. H. & Co.

TEXAS.

HOUSTON—Southwestern Oil Co.

VIRGINIA.

RICHMOND—Armitage Mfg. Co. (Oils)

WISCONSIN.

MILWAUKEE—Campbell, J. M., 60 3d
Delaney Oil & Lubricant Co., 47 3d
Force Feed Lubricating Co. ("Perfecto," Valve Compound, etc.), Iron blk
Halsted, W. D. Oil Co., 318 E Water
O'Neil Oil & Paint Co., 297 Water
Reidel Oil Co., 344 E Water
Wadham's Oil Co. (Badger), 215 National av
OSHKOSH—Stroud & Thomson (Dealers)

Lubricators

(See also Oil & Grease Cups.)

American Injector Co., Detroit, Mich.
American Lubricator Co., Detroit, Mich.
Belfield, H. & Co., 435 N. Broad, Philadelphia, Pa.
Belknap Mfg. Co., Bridgeport, Conn.
Buckeye Iron & Brass Works, Dayton, O.
Chicago Engineer Supply Co., 114 Lake, Chicago, Ill.
CRANE CO., Est. 1855. Chicago; New York, Philadelphia, St. Louis, Kansas City, Mo.; Sioux City, Los Angeles, San Francisco, Omaha, Portland, Oreg.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Crescent Mfg. Co., 28 Columbus, Cleveland, O.
Crosby Steam Gauge & Valve Co., 95 Oliver, Boston, Mass.; 21 W Lake, Chicago, Ill., & 78 John, N. Y.
Detroit Lubricator Co. ("Detroit"), Hodges' bldg, Detroit, Mich.
Detroit Shipbuilding Co. (Brass Dept.), ("McCoy"), Detroit, Mich.
Eaton, Cole & Burnham Co., 253 B'way, N. Y.
Engineering & Power Co., Jamestown, N. Y.
Essex, G. B. Brass Co., Detroit, Mich.
Farnan Brass Works, 25 Centre, Cleveland, O.
Force Feed Lubricating Co. (Force Feed), Milwaukee, Wis.
Gem Mfg. Co. ("Gem" Loose Pulley), Spruce nr 33d, Pittsburg, Pa.
Greene, Tweedy & Co., 17 Murray, N. Y.
Hammett, H. C., 476 8th, Troy, N. Y.
Hills-McCanna Co., 128 E Kinzie, Chicago
Illinois Malleable Iron Co., 30 W Monroe, Chicago
Jarecki Mfg. Co., Erie, Pa., & Pittsburg, Pa.
Kelly & Jones Co. (Plain), 135 Water, Pittsburg, Pa.; 15 Park row, New York, & 59 Clark, Chicago. Works, Greensburg, Pa.
King Lubricator & Brass Supply Co. (King), Steubenville, O.
Lackawanna Lubricator & Mfg. Co., Connellsville, Pa.
Lang, J. Electric Co., 176 E Indiana, Chicago, Ill.
Lee Injector Mfg. Co., So Park, Port Huron, Mich.
Lonergan, J. E. & Co. (Steam Engine), 214 Race, Philadelphia, Pa.
LUNKENHEIMER CO., General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, N. Y., & 35 Great Dover st, London, S. E., England. (See adv. index, end of book)
McCanna, Jno. F. Co., 244 N Wells Chicaco, Ill.
McNab & Harlin Mfg. Co., 56 John, N. Y.
McRae & Roberts Co. ("Acme" Sight Feed, "Eureka," D. C. & "Never Fail," S. C.), 227 Campbell av, Detroit, Mich.
Manzel Bros., 46 B'way, Buffalo, N. Y.
Mason-Kipp Mfg. Co. ("Kipp," Force Feed), Madison, Wis.
Michigan Lubricator Co. ("Michigan Universal"), Detroit, Mich.
Nathan Mfg. Co., 92 Liberty, N. Y., & 84 Vanburen, Chicago, Ill.
Nolte Brass Co., Springfield, O.
Ohio Brass Co., Mansfield, O.
Page Lubricator Co., 31 Exchange, Boston, Mass.
Penberthy Injector Co. (Force Feed), 346 Holden av, Detroit, Mich.
Phillips Co., 164 High, Boston, Mass.
Powell, Wm. Co., 2529 Spring Grove av, Cincinnati, O.
Queen City Brass & Iron Works, Cincinnati, O.
Schobee Loose Pulley Lubricator Co. (Loose Pulley), Winchester, N. Y.
Scott Valve Co., 32 W Randolph, Chicago, Ill.
Scranton Steam Pump Co. (Force Feed), Scranton, Pa.
Seibert Cylinder Oil Cup Co., 53 Oliver, Boston, Mass.
Sherwood Mfg. Co. ("Buffalo"), 34 Washington, Buffalo, N. Y.
Siegrist Lubricator Co., 216 Locust, St. Louis, Mo.
Sight Feed Oil Pump Co. ("Richardson" Cylinder Oil Pump), Milwaukee, Wis.
Springfield Brass Co., Springfield, O.
Stephenson Mfg. Co. (National Auto Forced Feed Cylinder), Albany, N. Y.
Standard Automatic Lubricator Co. (Car Journal), Arcade bldg, Phila., Pa.
Sterling Lubricator Co. (Automatic Force Feed), Rochester, N. Y.
Swift Lubricator Co., Elmira, N. Y.
Talmage Mfg. Co., 270 St. Clair, Cleveland, O.
Thomas Brass & Iron Co., Waukegan, Ill.
Walworth Mfg. Co., 132 Federal, Boston, Mass.

Lubricators (Air Compressor)

American Lubricator Co. (Improved), Detroit, Mich.
Detroit Shipbuilding Co. (Brass Dept.), Detroit, Mich.
LUNKENHEIMER CO., General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, N. Y., & 35 Great Dover st, London, S. E., England. (See adv. index. end of book)
Powell, Wm. Co., 2529 Spring Grove av, Cincinnati, O.

Lubricators (Automobile)

LUNKENHEIMER CO. General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, New York, & 35 Great Dover st, London, S. E., England. (See adv. index, end of book)

Lubricators (Candle)

(For Shafting & Loose Pulleys, etc.)

Detroit Lubricator Co., Detroit, Mich.
LUNKENHEIMER CO., General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, N. Y., & 35 Great Dover st, London, S. E., England. (See adv. index, end of book)
Norris, T. A. Co., 43 S Jefferson, Chicago, Ill. end of book)
Swain Lubricator Co., 250 Lake, Chicago, Ill.

Lubricators (Car Journal)

Harrison-Williams Co. ("Harrison"), Toledo, O.
Standard Automatic Lubricator Co., Arcade bldg, Phila., Pa.

Lubricators (Electric Motor)

Standard Automatic Lubricator Co., Arcade bldg, Phila., Pa.

Lubricators (Gas Engine)

American Lubricator Co. (Improved), Detroit. Mich.
LUNKENHEIMER CO., General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, N. Y., & 35 Great Dover st, London, S. E., England. (See adv. index, end of book)
Manzel Bros., 46 B'way, Buffalo, N. Y.
Michigan Lubricator Co. ("Michigan," Sight Feed, Gas, Naphtha & Gasoline), Detroit, Mich.
Powell, Wm. Co., 2529 Spring Grove av, Cincinnati, O.

Lubricators (Graphite)

Campbell Graphite Lubricator Co. ("Automatic Feeding"), Little Rock, Ark.
LUNKENHEIMER CO. General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, New York, & 35 Great Dover st, London, S. E., England. (See adv. index, end of book)

Lubricators (Locomotive)

Crosby Steam Gage & Valve Co., 95 Oliver, Boston, Mass.; 21 W Lake, Chicago, Ill., & 78 John, N. Y.
Detroit Lubricator Co. ("Detroit"), Hodges' bldg, Detroit, Mich.
Detroit Shipbuilding Co. (Brass Dept.), Detroit, Mich.
Lackawanna Lubricator & Mfg. Co., Connellsville, Pa.
LUNKENHEIMER CO., General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, N. Y., & 35 Great Dover st, London, S. E., England. (See adv. index, end of book)
Manzel Bros., 46 B'way, Buffalo, N. Y.
Michigan Lubricator Co., Detroit, Mich.
Nathan Mfg. Co., 92 Liberty, N. Y., & 84 Van Buren, Chicago, Ill.
Powell, Wm. Co., 2529 Spring Grove av, Cincinnati, O.
Sterling Lubricator Co. (Force Feed), Rochester, N. Y.

Lubricators (Pneumatic Tool)

Carron, A. M. & Co. ("Pittsburg"), 108 Market, Pittsburg, Pa.

Lubricators (Pump)

American Lubricator Co. ("Peerless" Automatic, for Steam Automobiles; Also "Ideal" Glass Body & "Superior," all Brass), Detroit, Mich.
Bonar, Jas. & Co., Frick bldg, Pittsburg, Pa.
Detroit Lubricator Co. ("Detroit"), Hodges' bldg, Detroit, Mich.
Detroit Shipbuilding Co. (Brass Dept.), Detroit, Mich.
Essex, G. B. Brass Co., Detroit, Mich.
Eynon-Evans Mfg. Co., 1519 Clearfield, Phila., Pa., & 120 Liberty, N. Y.
Farnan Brass Works, 25 Centre, Cleveland, O.
Greene, Tweedy & Co., 17 Murray, N. Y.
Hills, McCanna Co., 128 E Kinzie, Chicago
Jarecki Mfg. Co., Erie, Pa., & Pittsburg, Pa.
Lonergan, J. E. & Co. ("Calumet & Hecla" Pattern, etc.), 211 Race, Phila., Pa.
LUNKENHEIMER CO., General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, N. Y., & 35 Great Dover st, London, S. E., England. (See adv. index, page 1200)
Manzel Bros. ("Manzel" Sight Feed Automatic), 46 B'way, Buffalo, N. Y.
Michigan Lubricator Co. ("Michigan"), Detroit, Mich.
Phenix Metallic Packing Co. (Automatic), 7 S Jefferson, Chicago
Powell, Wm. Co., 2529 Spring Grove av, Cinnati, O.
Schutte, L. & Co., Thompson c 12th, Phila., Pa.
Seibert Cylinder Oil Cup Co., 53 Oliver, Boston,
Sherwood Mfg. Co. ("Felthousen" Hand, Cylinder & Automatic Sight Feed), Buffalo, N. Y.
Sight Feed Oil Pump Co. (The "Richardson" Oil), Milwaukee, Wis.
Sterling Lubricator Co. (Force Feed), Rochester, N. Y.

Lubricators (Sight Feed)

American Lubricator Co. ("Standard," "Globe," "Imperial," "Perfection," "Reliable" & "Crescent," Glass Body), Detroit, Mich.
Buck, M. M. Mfg. Co., 212 N 3d, St. Louis, Mo.

CRANE CO. (Est. 1855), Chicago, New York, Philadelphia, St. Louis, Kansas City, Mo.; Sioux City, Los Angeles, San Francisco, Omaha, Portland, Oreg.; Seattle, Wash.; Salt Lake City, Utah, & Spokane, Wash. (See adv. index, end of book)
Crosby Steam Gage & Valve Co., 95 Oliver, Boston, Mass.; 21 W Lake, Chicago, Ill., & 78 John, N. Y.
Detroit Lubricator Co. ("Detroit") Hodges bldg, Detroit, Mich.
Eastwood Wire Mfg. Co. ("Couse"), Belleville, N. J.
Handlan-Buck Mfg. Co. ("Dibble"), 212 N 3d, St. Louis, Mo.
Jarecki Mfg. Co., Erie, Pa., & Pittsburg, Pa.
King Lubricator & Brass Supply Co. ("King"), Steubenville, O.
Lackawanna Lubricator & Mfg. Co. (for Stationary, Locomotive & Marine Engines), Connellsville, Pa.
Lonergan, J. E. & Co., 211 Race, Phila., Pa.
LUNKENHEIMER CO., General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, N. Y., & 35 Great Dover st, London, S. E., England. (See adv. index, end of book)
McRae & Roberts Co. ("The Acme"), 227 Campbell av, Detroit, Mich
Manzel Bros., 46 B'way, Buffalo, N. Y.
Michigan Lubricator Co. ("Michigan"), Detroit, Mich.
Nathan Mfg. Co., 92 Liberty, N. Y., & 84 Van Buren, Chicago, Ill
Ohio Brass Co., Mansfield, O.
Pittsburg Brass Mfg. Co., 107 Wood, Pittsburg, Pa.
Powell, Wm. Co., 2529 Spring Grove av, Cincinnati, O.
Seibert Cylinder Oil Cup Co., 53 Oliver, Boston, Mass.
Sherwood Mfg. Co. ("Buffalo"), 34 Wash'n, Buffalo, N. Y.
Sterling Lubricator Co., Powers blk, Rochester, N. Y.
Swift Lubricator Co., Elmira, N. Y.
Thomas Brass & Iron Co., Waukegan, Ill.

Lugs (Fire Shutter)

Lanz, M. & Sons, 101 S 29th, Pittsburg, Pa.

Lugs (Hinges)

RIESECK, P. (For Fire Proof Doors & Shutters), Allegheny av & Rebecca, Allegheny, Pa. (See adv. index, end of book)

Lugs (Tank)

FAIRBANKS, MORSE & CO., (Rivetless & Eclipse Steel), Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Ore.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Girard Iron Works, 22d & Master, Phila., Pa.
Lanz, M. & Sons, 101 S 29th, Pittsburg, Pa.
Pacific Tank Co., San Francisco & Los Angeles, Cal.
Racine Tank Lug Co., Racine, Wis.
Tecktonius, E. C. Mfg. Co. (Malleable Iron), Racine, Wis.

Lumber (Creosoted)

(See Creosoting Works.)

Lumber Drying Kilns

(See Kiln Drying Apparatus.)

Lumber (Kyanized)

Allen, Otis & Son, Lowell, Mass.
Berlin Mills Co., Portland, Me.

Lumber Mfrs. (Cypress)

CYPRESS LUMBER CO. (Band Sawed Gulf Cypress, Long Leaf Yellow Pine, Poplar, Cottonwood & Interior Finish, etc.), 153 Milk. (See adv. index, end of book)
STEARNS, A. T. LUMBER CO., Neponset & 166 Devonshire, Boston, Mass. (See adv. index, end of book)

Lumber Mfrs. & Wholesale Dealers

*Denotes Manufacturers.
†Denotes Inspectors and Shippers.
§Denotes Wholesale Dealers.
This is not an absolutely complete list of lumber manufacturers and wholesalers. It is compiled for those who want to purchase lumber.)

ALABAMA.

ACKLEY—Ackley, J. M. & Co. (Loggers)
ACTIVE—Gentry, B. M. & Co. (Saw Mill)
Holsomback. J. D. (Saw Mill)
ALAMEDA—Payne-Ott Lbr. Co.
ALBERTVILLE—Curry, W. J. (Saw Mill)
ANDALUSIA—Bonifay, R. A. (Lumber & Timber)
Florida Lbr. Co.
McGowan, J. L.
*Pierson Lbr. Co. (Yellow Pine)
Prestwood, Jas. A. (Saw Mill)
Schleihauf Bros.
ANNISTON—*Downing, L. N. & E. T.
Ray, J. W. (Saw Mill)
ASHFORD—Fain, M. N. & A. N.
Matthews, A. D.
ATMORE—*Carney, A. M. & Co. (L. L. Yellow Pine)
*Stedman, J. V. (Yellow Pine)
BEAVER MEADOW—Turner, H. R. (Saw Mill)
BESSEMER—Edwards, G. B.
*Krebs Mfg. Co.
BILLINGSLEY—Carter Lumber Co. (Saw Mill)
BIRMINGHAM*American Lumber & Export Co. (Yellow Pine)
Hale Bros. (Saw Mill)
*Jenkins Lumber Co.
*Johnston, T. H. & Co. (Yellow Pine)
*Kaul Lumber Co. (Yellow Pine)
Kennedy Stave & Cooperage Co. (Sawed & Bucked, Whiskey, Wine, Oil & Turpentine Staves)
King Lumber Co.
*Lathrop Lumber Co. (Yellow Pine)
Smith-Isburg Lbr. Co.
Wood, Dickerson & Co.
BON SECOUR—*Lyons, Swift & Co. (Lumber & Saw Mill)
BOX COVE—*Kuntz & Newberry (Lumber & Saw Mill)
BRANCHVILLE—Branchville Milling Co. (Saw Mill)
BRANTLEY—*Cooper Lumber Co. (Lumber & Saw Mill)
Rogers, W. C. & Son (Saw Mill)
BREWTON—*Blacksher-Miller Lumber Co. (Yellow Pine)
*Cedar Creek Mill Co. (Yellow Pine)
Fosbee & McGowan (Timber & Brokers)
BROOKLYN—Amos, E. N. (Saw Mill)
Cory & Johnson (Saw Mill)
CAMDEN—Jones, S. L. & C. W. (Saw Mill)
CANTON BEND—Alford, W. R. (Saw Mill)
CARBON HILL—Guthrie, B. B. (Saw Mill)
CARROLLTON—Kirkpatrick Wm. (Saw Mill)
CHAPMAN—*Smith, W. T. Lumber Co. (Yellow Pine)
CHILDERSBERG—§Oden & Elliot
CLANTON—Kemp, W. A.
*Swift Creek Lumber Co. (Yellow Pine)
CLARKSVILLE—Coats, Jas. & Son (Saw Mill)
CLAYTON—Robertson, W. H. (Saw Mill)
COHASSET—*Foshee Bros. & Co. (Lumber & Saw Mill)
*Foshee, D. J. & G. W. (Lumber & Saw Mill)
COOK'S SPRINGS—*Cook, Lafayette (Yellow Pine)
*Dukes Lumber Co. (Yellow Pine)
CORBIN—Burns, E. S. & Sons (Saw Mill)
COWARTS—*Forrester, B. A. & Bro. (Lumber & Saw Mill)
CREOLA—*Creola Lumber Co. (Yellow Pine)
Hatter, T. A. & Son (Saw Mill)
CYPRESS—Cypress Hardwood Co.
DADEVILLE—Turner, J. F. (Saw Mill)
DEATSVILLE—Goolsby, T. F. & W. W. (Saw Mill)
Mills, A. D. (Saw Mill)
DECATUR—Jervis Lumber Co.
DELCHAMPS—Climax Lumber Co.
DEMOPOLIS—Wood, H. L. Lumber Co.
DOLIVE—*Hand Lumber Co. (Yellow Pine)
DUNHAM—*Dunham Lumber Co. (Yellow Pine)
DUNNAVANT—Holcombe, P. L.
ERIC—Wooten, W. A. (Shingle)
EVA—Stewart, Wiley (Saw Mill)
EVERGREEN—Smith Bros. (Saw Mill).
FACKLER—Jones Lumber Co. (Saw Mill)
FAIRFORD—*Tombigbee Lumber Co. (Yellow Pine)
FEAGIN—Feagin, F. K. (Saw Mill)
FLORALA—*Florala Saw Mill Co. (Yellow
*Lake Lumber Co. (Yellow Pine)
FLORENCE—*Tuthill & Pattison (Yellow Pine)
FLOYD—Floyd, W. E. (Saw Mill)
FORT GAINES—Green, W. J. (Saw Mill)
Sanders & Jenkins (Saw Mill)
FOSHEE—*Alger-Sullivan Lumber Co. (Yellow Pine)
FRANCONIA—Gardner & Somerville (Saw Mill)
FRUITDALE—*Fruitdale Lumber Co.
FLOMATON—*Walker, E. (Yellow Pine)
FULTON—*Scotch Lumber Co. (Yellow Pine)
GADSEN—*Kyle Lumber Co. (Yellow Pine)
GAINESVILLE—Long & Patterson (Saw Mill)
GANTT—Dunn & McClain (Saw Mill)
Gantt, D. B. (Saw Mill)
GENEVA—Graves, Tatom & Co. (Loggers, etc.)
GLENCOE—Collins Bros. (Saw Mill)
GOODMAN—Peacock, W. A. & J. C. (Saw Mill)
GORDON—Hearn & Holt
GREENSBORO—Dugger, G. W. (Saw Mill)
GROVE HILL—Brewer, J. R. (Saw Mill)
GURLEY—*Roberts, W. T. (Hardwood)
HARTWELL—Leard, J. R. & Co. (Saw Mill)
HEARTSEACE—*Hart Lumber Co. (Saw Mill)
HELENA—Ault, C. W. (Saw Mill)
HAWTHORN—Cochran, S. R. (Saw Mill)
HILTON STATION—Penney, C. M. (Saw Mill)
HOLLYWOOD—Alabama Cedar Co.
HOLLINS—*Kaul Lumber Co. (Yellow Pine)
*Sample Lumber Co. (L. L. Yellow Pine)
HUGGINS—Holley, G. L. & Son (Saw Mill)
HULL—*Bates, J. T. Lumber Co. (Lumber)
HUNTSVILLE—Alabama Lumber Co.
Huntsville Hoop & Heading Co. (Coiled Slack Barrel Hoops, etc.)
Huntsville Lumber Co.
JACKSON—Forest Lumber Co.
*Zimmerman, C. W. Mfg. Co. (Yellow Pine)
JAKIN—Flower Lumber Co. (Saw Mill)
JASMINE—Propst Bros. (Saw Mill)
JASPER—Long, J. J. & C. D. (Saw Mill)
JOHNSTON STATION—Hughes, J. W. (Saw Mill)
JUMBO—Mahan & Davis (Saw Mill)
JUNIATA—Kaupp, F. H. (Saw Mill)
KINGSTON—*Kingston Mill Co. (Lumber & Saw Mill)
LAMISON—Frost & Sibley
Wilcox, C. F. (Saw Mill)
LIGHT—*Geneva Lumber Co.
LINDEN—Marengo Lumber Co.
LOCKHART—*Jackson Lumber Co. (Yellow Pine)
LUVERNE—Howard, W. B. (Saw Mill)
M'DOWELL—*Wood, H. L. (Lumber & Shingles)
M'IVER—Williams Lumber Co. (Saw Mill)
M'WILLIAMS—*McWilliams Lumber Co. (Lumber & Saw Mill)
MANISTEE—Bear Creek Mill Co. (Timber.etc.)
MARBURY—*Marbury Lumber Co. (Yellow Pine)
MARLOW—Grove, J. W. (Saw Mill)
MASON—Dixon, N. H. (Saw Mill)
MAUVILLE—McLean, D. N. (Saw Mill)
MELLOW VALLEY—Woods, S. H. (Saw Mill)
MOBILE—Alabama Lumber Co.
American Lumber Co.
*Baird Lumber Co. (Yellow Pine)
Bay City Lumber Co. (L.-L. Yellow Pine)
*Blackshar Co. (Yellow Pine & Saw Mill)

*Cameron, J. D. & Son Co. (Lumber & Shingles)
Crescent Lumber Co.
Field, C. P.
Greenwood, Wm. H. & Co. (Exporters)
Hieronymous Bros. (Saw Mill)
Horn & Vaughan
*Hubbard Bros. (Pitch Pine Exporters)
Hunter, Benn & Co. (Exporters)
Keyser, W. S. & Co. (Exporters)
Lewis, Jas. A.
McDonald Lumber Co.
McWhorter, J. B. & Co. (Exporters)
Martin, Taylor Timber Co. (Lumber & Timber)
Mobile Lumber Co. (Lumber)
Mobile Shingle & Mfg. Co. (Shingles, etc.)
§Savage & Morris Co. (Cypress, Shingles, etc.)
*Sowell, C. L. & Co. (Yellow Pine)
Spottswood, Turner & Co. (Exporters)
Stewart & Butt (Lumber & Shingle Mill)
*Sullivan Timber Co. (Yellow Pine)
§Syson, W. K. & Co. (Pitch Pine, etc.)
Verona Lumber Co.
MONTERY—Southern Pine Co. (Saw Mill)
MONTEVALLO—McKibbon Lumber Co.
MONTGOMERY—*Alabama Lumber Co. (Lath & Shingles)
†American Lumber Mfg. Co.
Conecuh Pine Lumber & Mfg. Co.
Flowers, E. P.
Montgomery Cooperage & Hardwood Co.
*Montgomery Lumber & Mfg. Co. (Hardwood Lumber & Flooring, Ceiling, Finishing, Moulding, etc.)
Nixon, Robt. Co.
*Southern Pine Lumber Co. (Yellow Pine)
Vesuvius Lumber Co.
NEW DECATUR—Payne, E. C.
OAK GROVE—*Davis, M. L. (Yellow Pine)
POLEY—Berry Lumber Co.
POLLARD—Lindsey Lumber Co.
RICHBURG—*Henderson Lumber Co. (Yellow Pine)
RIVERSIDE—*Lathrop-Hatten Lumber Co. (Yellow Pine)
SANFORD—*Henderson Lumber Co. (Yellow Pine)
ST. STEPHENS—Bowling Timber Co.
STANTON—*Gregory & Coe Lumber Co. (Yellow Pine)
STERRETT—Allen Lumber Co. (Saw Mill)
STOCKTON—*McMilaln, T. M. Cypress)
Stockton Lumber Co.
SUMTER—*Sumter Lumber Co. (Yellow Pine)
VINEGAR BEND—*Vinegar Bend Lumber Co. (Yellow Pine)
WAGAR—*McClure Lumber Co. (Yellow Pine)
WHITEHALL—Gordon, Frank (Saw Mill)
WILSONVILLE—*Jackson, J. C. & Sons (Yellow Pine)
YELLOW PINE—*Yellow Pine Lumber Co. (Yellow Pine)

ARIZONA

FLAGSTAFF—*Arizona Lumber & Timber Co.
NOGALES—§Roy & Titcomb
PHOENIX—De Mund Lumber Co.
Ryder, H. W. (Saw Mill)
Valley Lumber Co.
TUCSON—Corbett J. Knox Lumber Co.
Tucson Lumber Co.

ARKANSAS.

ABBOTT—*Ft. Smith Lumber Co. (Yellow Pine)
ASHDOWN—*Bowles, J. R.
BATESVILLE—*Hanford, C. R. & Bro. (Cedar)
BEARDEN—*Cotton Belt Lumber Co. (Yellow Pine)
BEIRNE—Clark, J. G. (Saw Mill)
BLACK ROCK—*Black Rock Lumber & Coopage Co.
BOGGY—*Big Pine Lumber Co. (Yellow Pine)
CHIDESTER—*French Creek Lumber Co. (Yellow Pine)
COMINTO—*Drew Lumber Co.
CORNING—*Black & Arnold Lumber Co.
Weeden, A. M. & Co. (Saw Mill)
COTTON PLANT—Maberry, A. F. (Saw Mill)
CROSSETT—*Crossett Lumber Co. (Yellow Pine)
DALEVILLE—*Arkadelphia Lumber Co. (Yellow Pine)
DANVILLE—*Dutch Creek Lumber Co. (Yellow Pine)
DELIGHT—*Key R. B. F. (Yellow Pine)
DEQUEEN—*Dierks Lumber & Coal Co. (Yelow Pine & Oak, Specialty Yellow Pine Finish Flooring & Siding)
*Williamson Bros. (Yellow Pine)
DRAUGHON—*Saline River Lumber Co. (Yellow Pine)
EAGLE MILLS—*Eagle Lumber Co. (Yellow Pine)
EL DORADO—*El Dorado Lumber & Planing Mill Co.
*McDaniel, H. C. Lumber Co.
*Miles, Geo. W. (Saw & Planing Mill)
ELLIOTT—*Camben Lumber Co. (Yellow Pine)
EMPIRE—Empire Lumber Co. (Hardwood)
ESAU—*Fourche River Lumber Co. (Yellow Pine, etc.)
FAYETTEVILLE—Byrnes Lumber Co.
Northwest Arkansas Lumber Co.
FORDYCE—*Fordyce Lumber Co. (Yellow Pine)
*Hampton Stave Co.
FT. SMITH—*Dyke Bros.
FROSTVILLE—*Red River Lumber Co. (Yellow Pine)
GIFFORD—*Gifford Lumber Co.
*Stewart & Alexander Lumber Co. (Yellow Pine)
GILMORE—*Chapman & Dewey Lumber Co.
*Kimball Lumber Mfg. Co.
Rankin & Kimball
GREENFIELD—Dahmus - Elder Lumber Co. (Saw Mill)
*Greenfield Lumber Co. (Hardwood, Cypress, Oak, Ash, etc.)
GRIFFIN—Griffin Mill Co. (Saw & Planing Mill)
GURDON—Grayson-McLeod Lumber Co.
*Gurdon Lumber Co. (Yellow Pine)
HAMBURG—*Crosett Lumber Co. (Yellow Pine)
*Strawn, E. M. Lumber Co. (Yellow Pine)
HELENA—*McDonald Bros. (Hardwood)
*Reeves, W. D. Lumber Co. (Hardwood)
HENSLEY—*Farrell, Wm. Lumber Co. (Yellow Pine)
HIGGINSON—Belcher-Stine Lumber Co.
HOPE—*Hope Lumber Co. (Yellow Pine)
HORATIO—McCoy, Jas. L. (Saw Mill)
Moon-Pryor Lumber Co.
HUDSON—*Hudson River Lumber Co. (Short Leaf White, Soft, Yellow Pine, also Oak Lumber, Ties, Piling, Car. Wagon & Furniture Stock)
JONESBORO—*Alfrey, H. (Tight Barrel, Circled Headings, from all Woods)
JUNCTION—*Cornie Stave Co.
KEARNEY—*Kearney Lumber Co.
KEDRON—*Kendall, Frank (Yellow Pine)
LESTER—*Lester Mills Co. (Yellow Pine Finish, Moulded Casings & Base)
LITTLE BAY—*Little Bay Lumber Co. (Yellow Pine)
LITTLE ROCK—*Abeles, C. T. & Co. (Yellow Pine, Cypress Lumber, Moulding, etc.)
Alexander & Son Land & Lumber Co.
*Arkansas Cypress Shingle Co. (Shingle)
*Blue Lake Lumber Co.
*Central Lumber Co. (Lumber, Lath & Shingles)
*Cypress Lumber & Shingle Co.
Farrel, Wm. E.
*Ferguson Lumber Co. (Yellow Pine & Red Cypress)
*Forrest Hardwood Mfg. Co. (Hardwood)
*Niemeyer & Darrah Lumber Co.
Rieff, A. V. & Sons (Planing Mill)
Van Etten, G. H. & Co.
Wynne Stave Co. (Whiskey, Wine, Oil. Pork Cut-Off Staves)
MADISON—*Wheeler, J. W. & Co. (Hardwood)
MAGNOLIA—*Davis, E. H. Lumber Co. (Lumber & Saw Mill)
*Davis & Wilkinson Lumber Co.
Kerlin Lumber Co.
MALVERN—*Wisconsin & Arkansas Lumber Co. (Yellow Pine)
MARIANNA—*Ind. & Ark. Lumber & Mfg. Co.
MENA—*Leidigh & Havens Lumber Co. (Yellow Pine)
*Morton, D. T. (Yelow Pine)
*Pryor Lumber Co.
MILLVILLE — *Freeman-Smith Lumber Co. (Yellow Pine)
MONTROSE—Montrose Lumber Co.
NEWPORT—Pond-Decker Mfg. Co.
Taylor & Gibson
OLA—Fort Smith Lumber Co.
ONALASKA—*Carlisle, Wm. & Co. (Yellow Pine)
*Onalaska Lumber Co. (Yellow Pine)
PERLA—*Malvern Lumber Co. (Yellow Pine)
PIKE CITY—Pike County Lumber Co.
PINE BLUFF—*Bluff City Lumber Co. (Yellow Pine & Cypress)
*Sawyer & Austin Lumber Co. (Lumber & Yellow Pine & Saw Mills)
Standard Lumber & Timber Co.
PORTLAND—Bain, D. L. & Co. (Oak, Ash, Green Cypress, Lumber & Shingles)
PRESCOTT—*Gillett Bros.
*Ozan Lumber Co. (Yellow Pine)
RANKIN—*Kizer, A. J. (Yellow Pine)
RISON—*Porter, J. I. Lumber Co. (Yellow Pine)
ROGERS—Morris, C. D. & Son (Planing Mill)
SAGINAW—*Saginaw Lumber Co. (Yellow Pine)
SAYRE—*Sayre Lumber Co. (Yellow Pine)
SPRINGDALE—*Northwestern Arkansas Lumber Co.)
STAMPS—*Bodcaw Lumber Co. (Yellow Pine)
STEPHENS—Stephens Lumber Co. (Saw Mill)
TEXARKANA—*Arklatex Lumber Co. (Yellow Pine)
*Bodcaw Lumber Co. (Saw & Planing Mill)
*Bodine-Lyell Hardwood Co. (Hardwood)
Buchanan, Wm. (Lumber Broker)
§Floyd, J. F. Lumber Co. (Yellow Pine & Cypress Shingles)
*Hastings Lumber Co.
Imperial Lumber Co.
§Long-Bell Lumber Co.
Nevada Lumber Co.
*Pine Valley Lumber Co. (Yellow Pine)
Red Water Lumber Co.
*Southern Pine Lumber Co. (Yellow Pine Mixed Cars a Specialty)
THORNTON—*Stout-Greer Lumber Co. (Yellow Pine)
TURRELL—Baker Lumber Co.
UPLAND—*Summit Lumber Co. (Yellow Pine)
WALDO—Davis, E. H. Lumber Co.
WARREN—*Arkansas Lumber Co. (Pine & Hardwood)
*Bradley Lumber Co., The (Yellow Pine)
*Southern Lumber Co. (Yellow Pine)
WESSON—*McDaniels, H. C. Lumber Co. (Yellow Pine)
WILMAR—*Gates Lumber Co. (Yellow Pine, Lumber & Cypress Shingles)

CALIFORNIA.

ALBION—*Albion Lumber Co. (Redwood Lumber, Shingles & Tles)
BAKERSFIELD—Cross-Augsbury Lumber Co.
Union Lumber Co.
BECKWITH—*Horton Bros.
BELLA VISTA—*Terry Lumber Co.
BLUE LAKE—Vance Redwood Lumber Co.
BOULDER CREEK— Bloone, I. T.
CASPAR—*Caspar Lumber Co. (Redwood Ties & Shingles)
CASTELLA—Flume Creek Lumber Co.
CHICO—*Sierra Lumber Co.
CLAIRVILLE—Totton, J. G. & Co. (Saw Mill)
DAUNT—*Enterprise Lumber Co.
DUNCAN'S MILLS—*Duncan's Mills Land & Lumber Co.
EUREKA—Bayside Mill & Lumber Co.
*Dolbeer & Carson Lumber Co. (Redwood Lumber & Shingles)
*Elk River M. & Lumber Co. (Redwood, Saw Mill)
Eureka Shingle & Mill Co.
*Excelsior Redwood Co. (Redwood)
*Humboldt Redwood Shingle Co.
*McKay & Co.
*Vance Redwood Lumber Co. (Pine, Redwood Lumber & Shingles)
FALL RIVER MILLS—*Florin Bros.
FOREST HILL—*Flnning, B.
FORT BIDWELL—Stephens, Henry B.
FORT BRAGG—*Noyo Shingle Co. (Shingles)
*Pudding Creek Lumber Co. (Redwood)
*Union Lumber Co. (Redwood Lumber, Shingles & Ties)
FRESNO—Fassett Lumber Co.
Fresno Lumber Co.
*Fresno & Pine Ridge Flume & Irrigation Co.
*Hollenbeck & Bush
Valley Lumber Co.
GILROY—*Whitehurst & Hodges
GLENCOE—Calaveras Development Co.
GUALALA—*Gualala Lumber & Mill Co.
HALF MOON BAY—Hatch, Rufus
Hughes & Peers
HOBART MILLS—Sierra Nevada Wood & Lumber Co. (White & Sugar Pine, Box Shooks, Door Shooks, Fruit & Packing Boxes, Lath Pickets, Shingles, Ceiling & Flooring, Rustic & Sliding Moulding, etc.)
IGO—*Woodfil Bros.
KELSEYVILLE—*Akers Bros.
KENNEY—Southern Humboldt Lumber Co.
KERNVILLE—*Brown, A.

KORBEL—*Humboldt Mill Co.
LA HONDA—*Weeks, B. D. & Co.
LOMPOC—*Salinas Valley Lumber Co.
LOS ANGELES—Blinn, L. W. Lumber Co.
Hughes Bros. Lumber Co.
Los Angeles Lumber Co.
Montgomery & Mullin Lumber Co.
Patten & Davies Lumber & Fuel Co.
Southwestern Lumber Co.
Stanton, E. J. Lumber Co.
MANTON—*Forward Bros.
MENDOCINO—*Mendocino Lumber Co.
MIDDLETOWN—*Schwartz & Co.
OAKLAND—Derby, E. M. & Co.
Excelsior Redwood Co.
Humboldt Lumber Co.
*Puget Sound Lumber Co. (Pine, Redwood & Shingles)
OCCIDENTAL—*Mceker, M. C.
PASADENA—Blinn Lumber Co.
Kerckhoff-Cuzner & Co.
Pasadena Lumber & Fuel Co.
PESCADERO—*Levy Bros.
PLACERVILLE—*Beach, S. G. & Co.
*Blair, J. & J.
PLATEAU—*Benton, T. H.
*Daly & Son
POINT ARENA—*White, L. E. Lumber Co. (Redwood, Sugar Pine & Cal. White Pine)
RED BLUFF—*Sierra Lumber Co. (Cal. White & Sugar Pine Lumber, Fruit Boxes, Drying Trays, Cedar Posts, Box Shooks, etc.)
REDWOOD CITY — McArthur & Hartley (Shingles)
Virginia Timber & Lumber Co.
SACRAMENTO—Friend & Terry Lumber Co.
SAN BERNARDINO—Gill, J. B. Lumber Co.
Suverkrup & Hook
SAN DIEGO—Russ Lumber & Mill Co.
§San Diego Lumber Co. (Redwood Lumber & Shingles)
SAN FRANCISCO—Adams, W. J., 6 Calif
§Albion Lumber Co. (Redwood), Crocker bldg
Allen & Higgings Lumber Co., Howard & Spear
Anderson & Middleton Lumber Co., 22 Calif
Beadle, A. W. & Co., 22 Market
*Bellingham Bay Improvement Co., 204 Front
Blinn, L. W. Lumber Co., 204 Front
Blyth & Trott, Spear & Mission
Bodie Railway & Lumber Co., 310 Pine
§Byxbee & Clark (Redwood & Pine), 42 Market
*California Lumber & Milling Co., 147 New Montgomery
§Carey, F. W. & Co., Hearst bldg
*Carter, Geo. E. & Co., Crocker bldg
*Casper Lumber Co. (Redwood Ties, Shingles, etc.), Hayward bldg
Central Lumber & Mill Co., 20 10th
*Clatsop Mill Co., 10 Cal.
Curtiss Lumber Co., Hayward bldg
§Davis, A. B. Lumber Co., 331 Pine
Dickins, Walter, Berry & 4th
Dodge, E. J. Co., 6 Calif
Doe, Chas. F. & Co., 133 Spear
*Dolbeer & Carson (Redwood Lumber & Shingles), 10 California
Duncan's Mills, Land & Lumber Co., 28 Cal.
*Eel River Valley Lumber Co. (Redwood Lumber & Shingles), 6 California
*El Dorado Lumber Co. (Sugar Pine, Cal. White Pine Boxes, Shooks, etc.), Safe Deposit bldg
*Excelsior Redwood Co., Channel & 4th
*Gardiner Mill Co., 22 Cal.
Gray, G. D. & Co., 123 California
*Gray's Harbor Commercial Co. (Fir, Spruce & Red Cedar Lumber & Shingles), 237 California
*Gualala Mill Co., 5 Market
§Hanify, J. R. & Co. (Redwood), 16 California
§Harmon, S. H. Lumber Co. (Pine, Spruce & Redwood), 42 Market
§Hickman & Masterson, Crossley bldg
§Higgins & Collins, 508 Montgomery
*Hobbs, Wall & Co. (Redwood Lumber), 124 California
Hooper, C. A. & Co., 204 Front
*Hooper, F. P. & J. A., 4 Cal.
§Howard, E. A. & Co (Hard & Soft Wood), 20 Howard
*Humboldt Lumber Co., Berry nr 4th
§Inman, Poulson & Co., 5 Market
*Loma Prieta Lumber Co., Mills bldg
McKay & Co., 4 California
*Mendocino Lumber Co., 40 California
§Nelson, Chas Co. (Redwood, Pine Shingles, Posts, etc.), 6 California
*Nevada Lumber Co., 532 Market
Niehaus, E. F. & Co. (Hardwood), 564 Brannan
*Northern Pacific Lbr. Co., 26 O'Farrell
Northwestern Redwood Co., 222 Sansome
*Occidental Mill, 4 Cal.
*Pacific Lumber Co. (Redwood, Pine & Shingles), Rialto bldg
*Pacific Pine Co. (Puget Sound Lumber, Rough Douglas Fir, R. R. Ties, Rustic Sidings, Bridge Timber, Car Sills, etc. for export), 237 California
§Pollard Lumber Co. (Redwood Lumber & Shingles), 22 California
Pope & Talbot, 314 California
Port Blakely Mill Co., Mills bldg
§Port Costa Lumber Co., 4 California
*Puget Sound Lumber Co., 300 California
*Renton, Holmes & Co. (Spars & Poles), Mills bldg
Richardson Co., 6 California
*Salinas Valley Lumber Co., 224 Cal.
*San Diego Lumber Co., 10 Cal.
*Santa Clara Valley Mill & Lumber Co., Hearst bldg
§San Francisco Lumber Co., ft. of 3d
§San Pedro Lumber Co., 4 California
§Santa Barbara Lumber Co., 4 California
§Schouten, J. W. Lbr Co. (Redwood, Pine Lumber & Shingles), 738 Bryant
§*Scott & Van Arsdale Lumber Co. (White Cedar, Sugar and White Pine, Redwood Lumber & Shingles) Crocker bldg
§Sierra Lumber Co. (Pine, Spruce & Fir), 320 Sansome
*Sierra Nevada Wood & Lbr. Co., 532 Market
Simpson Lumber Co., 14 Spear
§Slade, S. E. Lumber Co. (Pine & Spruce), California
*Sonoma Lumber Co., Claus Spreckels' bldg
Standard Lumber Co., Crocker bldg
*Stimson Mill Co., 6 California
§Stockton Lumber Co., 4 California
*Tacoma Mill Co. (Douglas Fir, Oregon Pine, Plank, Timber, Ship Plank, Flooring, Rustic Ceiling, Lath, Pickets, Staves, Spars, Piling, Red Cedar Shingles, etc.), 300 California. Works, Tacoma, Wash.
§Taylor & Spotswood Co. (Hardwood), 133 Fremont
§Truckee Lumber Co. (of S. F.), 6 California
§Union Lumber Co. (Ties, Poles, Pine & Redwood Piles, Spars, etc.), Crocker bldg
§Valley Lumber Co., 4 California
*Vance Redwood Lumber Co., Hayward bldg
*Washington Mills Co., 10 Cal.
Wendling Lumber Co., Claus Spreckles bldg
*West Coast Lumber Co., 421 Market
§White Bros. (Hardwood Importers & Dealers), c Spear & Howard
§White, L. E. Lumber Co. (Redwood Lumber, Ties, Posts & Tan Bark), 303 California
Wilson Bros. & Co., 324 Berry
*Wood, E. K. Lumber Co. (Fir & Spruce), 10 California
SAN JOSE—Alameda Lumber Co.
*Chase, S. H. & Co (Lumber & Saw Mill)
*Cottoneva Lumber Co. (Lumber & Saw
*Glenwood Lumber Co. (Lumber & Mill Work)
Hubbard & Carmichael Bros. (Lumber)
Madera Flume & Trading Co. (Lumber & Mill Work)
*Santa Clara Valley Mill & Lumber Co. (Lumber & Mill Work)
SANGER—*Sanger Lumber Co. (Redwood for inside finish; also Sugar Pine & Cal. White Pine, for finish & pattern Lumber, Posts, Shingles, Mouldings, Boxes, Trays & General Mill Work)
SANTA ANA—Griffith, J. M. Co.
*Newport Wharf & Lumber Co. (Pine & Redwood Lumber & Redwood Shingles)
Pendleton, S. H.
SANTA BARBARA—*Humphrey, G. W. & Co. (Planing Mill)
*Union Mill Co. (Planing Mill)
SANTA CLARA—*Pacific Mfg. Co.
SANTA CRUZ—*Hihn, F. A. Co.
SCOTIA—*Pacific Lumber Co. (Redwood, Pine & Shingles)
SELMA—Valley Lumber Co.
SHINGLETOWN—*Smith, W. F.
SISSON—*Scott & Van Arsdale Lumber Co. (Redwood, Pine, White Cedar & Box Shooks)
SUNNY SOUTH—*Eureka Lumber Co.
SUSANVILLE—O'Dett Bros.
TOWLE—*Towle Bros. Co.
TRUCKEE—*Schaffer, Geo.
*Sierra Nevada Wood & Lumber Co.
VISALIA—Visalia Lumber Co.
WEAVERVILLE—Morris, Jas.
WESTPORT—Hilton Lumber Co.
Pollard Lumber Co.
WHITMORE—*Atkins, Q. N. & Son

COLORADO.

COLORADO SPRINGS—Crissey-Fowler Lumber Co.
Ord & Swope
DENVER—*Bingham, H. W., Larimer nr 2d
*Chicago Lumber & Timber Co.
English, R. W. Lumber Co., Jacobson bldg
Faris, A. N., 1429 Milwaukee
Fleming Bros., W Ellsworth nr Clark
Hallack & Howard Lumber Co., Larimer c 7th
Hughes Bros., 403 W Alameda av
Leapold, Henry, 1834 Blake
Lewis & Wheeler Merc. Co., 1525 18th
†McPhee & McGinnity, 18th c Wazee
§Oregon Lumber Co., 17th & Platte
Salzer, B. F. Lumber Co., Idaho c West Virginia av
Sayre-Newton Lumber Co., 23d c Blake
Tabor-Pierce Lumber Co., W 1st av c Santa Fe av
DURANGO—*Stubbs & Jakway
GRADEN—*Mancos Lumber Co.
GRAND JUNCTION—Mayo & Endner
GREELEY—Clayton Lumber Co.
Greeley Lumber Co.
Mayher, Wm.
PUEBLO—Foley, T. H. Lumber Co.
Newton Lumber Co.
TELLURIDE—*Barnes & Co.
TRINIDAD—Davis, O. L. Lumber Co.
Hughes Bros.
VICTOR—*Cunningham, J. B.

CONNECTICUT.

AVON—Woodford, H. & E. H.
Sperry, F. M. (Saw Mill)
BAKERSVILLE—Jones, George W.
BRIDGEPORT—Miller, Frank Lumber Co. (Saw Mill)
West End Lumber Co., 1069 South av
Wilson Lumber Co., 584 Iranistan av
HARTFORD—Capitol City Lumber Co.
Conn. Valley Lumber Co.
Griswold, F. W. (White Pine & Hardwood), S. W.
Harlow, Todd & Co.
§Hartford Lumber Co. (Pine, Hardwood, Lath, Shingles, etc.)
Taylor, Edwin Lumber Co.
NEW HAVEN—§Allings Sons Co., 100 E Water
*Crosby & Beckley Co. (Hardwood)
§De Forest & Hotchkiss Co., 115 Water
Elm City Lumber Co.
Fogg, Ezra D. Co.
Hartshorn, F. E.
NEW LONDON—Raymond, L. Q.
Tyler, G. G.
NORTH HAVEN—Doolittle Bros. (Saw Mill)
NORWICH—Gardner, A. T. & Co. (Saw Mill)
Potter, A. L. & Co. (Saw Mill)
SALEM—Clark, M. S. (Saw Mill)
SEYMOUR—Hoadley, Edw. L. (Saw Mill)
SHERMAN—Woodruff, J. N. (Saw Mill)
S. MANCHESTER—Carrier, Edwin T. (Saw Mill)
STAMFORD—§Getman, Judd & Co.
STRATFORD—Wood, Dan'l C. (Saw Mill)
TARIFFVILLE—Case, H. A. (Saw Mill)
THOMASTON—Bradstreet, Geo. P. (Saw Mill)
TORRINGTON—*Wadhams, F. L. (Saw Mill)
WALLINGFORD—Baldwin, S. G.
WATERBURY—Brass City Lumber Co., 60 Meadow
City Lumber & Coal Co., 56 S Willow
§Tracy Bros. Co.
Waterbury Lumber & Coal Co., 107 Meadow
WESTFORD—Barlow Bros. (Saw Mill)
WESTPORT—Nash, Lloyd (Saw Mill)
WEST REDDING—Blackman, J. L.
WEST SUFFIELD—Spear, H. L. (Saw Mill)
WILLIMANTIC—Hillhouse & Taylor
WINSTED—*Bronson Bros.
*Buckley, F. E. (Saw Mill, etc.)
Burwell, J. C.
Tiffany, Dwight B. (Saw Mill)

DELAWARE

DOVER—Pennewill, C. S.
LEWES—Arnell, Robt.
Willard, J. W. & Sons (Saw Mill)
MIDDETOWN—Hukill, G. E.

MILFORD—Collins & Riggs (Saw Mill)
NEWCASTLE—Elaison, J. T. & L. E.
SEAFORD—Brown Bros. (Saw Mill)
*Giles, Isaac S. (Saw Mill)
Seaford Lumber Co.
Willin, T. W. & Son (Saw Mill)
WILMINGTON—Anger, Geo. H.
Diamond Lumber Co.
*Kent, Lindley C. Co.
Peninsula Lumber Co.
Simmon, S. G. & Bros.

DISTRICT OF COLUMBIA.

WASHINGTON—Adam, Geo. H., 1800 Benning road
§Biscoe, H. L., 10th St Wharf S W
§Carter & Clarke, 10th St Wharf, S. W.
§Church & Stephenson, 8th & C, S. W.
§Galliher, W. T. & Bro., 13th & B, N. W.
§Johnson & Wimsatt, 1212 Water, S. W.
§Libbey, J. E. & Son, 3018 K, N. W.
§Riley, T. R., 13th & Ohio av, N. W.
§Shryock, T. J. & Co., S Capitol & Va av
Smith, Thos. W., 1st cor Ind av NW
Tolson, J. W., 100 Monroe, Anacostia

FLORIDA.

ALBION—Phillips & McEachren (Saw Mill)
APALACHICOLA—*CYPRESS LUMBER CO. (Band Sawed Gulf Cypress, Long Leaf Yellow Pine, Poplar, Cottonwood, Interior Finish, etc.)
BAGDAD—*Blackwater Lumber Co.
BAKER'S MILLS—High, Jno. (Saw Mill)
BAYARD—Robinson & Mankin
BLITCHTON—Snow & Clark (Saw Mill)
BLUFF SPRINGS—Bluff Springs Mfg. Co. (Shingle Mill)
BOLTON—Williams Bros. (Saw Mill)
BRANDON—Galvin, Dan'l J. (Saw Mill)
CARRABELLE—*Franklin County Lumber Co.
CARTERS—Carter, W. J. (Shingle Mill)
CARYVILLE—*Sanford Lumber Co. (Yellow Pine & Saw Mill)
CENTURY—*Alger-Sullivan Lumber Co. (Yellow Pine)
COLUMBIA—Drew Lumber Co. (Saw Mill)
CRESCENT CITY—Deen Bros Lumber Co.
DE FUNIAK SPRINGS—*Beach, Rogers & Co.
Eaton, F. C. (Saw Mill)
Fitzgerald, J. J. (Saw Mill)
DUPONT—White, U. J. Co. (Saw Mill)
ESCAMBIA—*Skinner Mfg. Co. (Yellow Pine)
FERNANDINA—Borden, N. B. & Co. (Pitch Pine Exporters)
*Cooney, Eckstein & Co.
*Florida Yellow Pine Mfg. Co.
McNair & Son (Saw & Planing Mill)
HARNEY—Beckwith, W. H. (Saw Mill)
*Semicole Cypress Co.
JACKSONVILLE—Atlantic Lumber Co. (Logging)
Baxter, G. S. (Ties, Piling, Railroad Lumber, etc.)
Bugbee, Jos. H. (Saw Mill)
Cashen, T. V. (Saw Mill)
Corse, Montg'y (Shingle Mill)
*Cummer Lumber Co. (L. L., Yellow Pine)
EPPENGER & RUSSELL CO. (Yellow Pine), Dyall Upchurch bldg. (See adv. index, end of book)
Hirsch, Chas. S. & Co.
*Hunter, Dexter (Yellow Pine)
*Weston & Co.
LIVE OAK—*Live Oak Planing Mill & Lumber Co. (Yellow Pine)
MILTON—*Chaffin, James A. & Co. (Inc.)
Paroldi & Co. (Saw Mill)
MONTBROOK—*Tyler, T. M. Lumber Co.
*Wade & McArthur, Lumber Co.
MUSCOGEE—*Southern States Lumber Co. (Yellow Pine)
NOCATEE—Wells, W. G. (Saw Mill)
OLUSTEE—*Eppinger & Russell (Yellow Pine)
ORANGE PARK—Hilliard Lumber Co. (Saw Mill)
ORANGE SPRINGS—Meggs, L. L. & Co. (Saw Mill)
PALATKA—*Selden Cypress Door Co. (Cypress)
Tilghman, N. J. (Lumber & Shingle Mill)
*Wilson, Cypress Co. (Cypress Lumber, Siding, Shingles, etc.)
PENSACOLA—*Baars, H. & Co. (Pitch Pine)
Brent Lumber Co. (Pine)
Ger.-Am. Lumber Co.
*Hagerman Lumber Co. (Pitch Pine)
Hyer Bros. (Ship Brokers)
*Keyser, Wm. S. & Co. (Exporters)
*Pensacola Lumber Co. (Pitch Pine Exporters)
§Rosasco Bros. (Pitch Pine Exporters)
§Robinson, Rix M. (Exporters)
*Southern States Lumber Co.
§Wittich, W. L. & Co.
*Wright, W. B & Co. (Cypress & Yellow Pine)
PINE BARREN—*McMillan Mill Co. (Yellow Pine)
PLANT CITY—Warnell Lumber & Veneer Co.
RICHLAND—Pedrick, Jno. M. (Shingle Mill)
RODMAN—*Cummings, H. S. & Bro. (Saw Mill)
ST. ANDREWS—Ware, Johnston & Co.
SAMPSON—Brinkley & Baines (Saw Mill)
SUMNER—*Little, J. P. (Cypress & Yellow Pine)
WALDO—Stevens & Canthen (Shingle Mill)
WATERTOWN—*East Coast Lumber Co. (Saw Mill)
WEST LAKE—West Bros. (Saw Mill)
WEST PALM BEACH—Lainhart & Potter
WHITFIELD—Jernigan & Sons, H.
WHITE SPRINGS—*Camp, R. J. & B. F. (Yellow Pine)
WILLISTON—Hester, F. M. & Son (Saw Mill)
*Medlin, R. D. & Co. (Yellow Pine)
WINDSOR—*Kelly, J. L. (Saw & Shingle Mill)
WITHLACOOCHEE—Taylor, Geo. W. (Saw Mill)

GEORGIA.

ABBEVILLE—*Hardwood Mfg. Co. (Saw Mills)
ADRIAN—James Lumber Co. (Saw Mill)
AILEY—Alcorn, G. B. (Saw Mill)
McEachern, Geo. J. (Saw Mill)
Sharpe, Grove (Saw Mill)
AIMER—Aimar, W. W. (Saw Mill)
ALAMO—Burch, J. B. (Shingle Mill)
ALBANY—Flint River Brick & Lumber Co.
ALLAPHAHA—Allaphaha Lumber Co.
AMBROSE—Wadley Lumber Co. (Saw Mill)
ANSLEY—Thomson, H. I. & Co.
ARLINGTON—Arlington Lumber Co.
Carter, W. A. (Saw Mill)
Davis, C. J. (Saw Mill)
*Ivey Lumber Co. (Pine & Hardwood)
ARNOLD—Burdett, Gillespie & Co. (Saw Mill)
Chambler, W. L. (Saw Mill)
ASHBURN—*Betts, J. S. & Co. (Yellow Pine, Lumber, Lath & Shingles)
ATLANTA—§Bewick Lumber & Timber Co. Eng.-An. bldg
§Edgewood Lumber Co., 8 N Forsyth
*Enterprise Lumber Co. (Yellow Pine)
*Hosch Lumber Co., Century bldg
Randall Bros., Peters bldg
*Royal Lumber Co., Empire bldg
§Simpson & Harper, N Forsyth
§Smith & Simpson Lumber Co., Peters bldg
§Walsh, E. D. & Co., 19 S Broad
§Zuber, J. W., Empire bldg
AUGUSTA—*Augusta Lumber Co. (Long Leaf Yellow Pine)
*Perkins Mfg. Co. (Yellow Pine)
AUSTELL—Austell Improvement Co.
BAINBRIDGE—*Flint River Lumber Co. (Yellow Pine)
*Swindell, E. & Co. (Mfrs. & Exporters of Yellow Pine)
White Lumber Co. (Saw Mill)
BANDANA—O'Connor Jas. (Saw Mill)
BAXLEY—Johnson, J. A. (Saw Mill)
BEECH HILL—Ivey, H. J. (Saw Mill)
BELOTEVILLE—Belote W. A. (Saw Mill)
Wigglesworth & Belote
BLADEN—Bladen Lumber Co.
BLAKELY—*Flowers Bros. Lumber Co. (Yellow Pine, Rift Flooring a Specialty)
Harris, T. B. (Saw Mill)
Mock, J. F. (Saw Mill)
Perue Lumber Co.
BLARNEY—Mann, W. J. (Saw Mill)
Melton, G. T. & Sons (Saw Mill)
BLOOMINGDALE—Shearouse, H. & Co. (Saw Mill)
BRINSON—*Stewart Lumber Co. (Yellow Pine)
Warren, S. J. (Saw Mill)
BRUNSWICK—§Aiken, Frank D. (Red Cypress & R. R. Ties, for Export, etc.)
*Broadhead, Jas. B. (Lumber & Cross Ties)
*Cooney, Eckstein & Co. (Yellow Pine Lumber & Cross Ties)
§Emanuel, N. & Co. (Lumber & Cross Ties)
Everett, R. H. (Shingles)
*Hilton & Dodge Lumber Co.
Hirsch, Chas. S. & Co.
*Leatherbee, C. W. Lumber Co.
*Sizer, R. R. & Co. (Yellow Pine)
*Taylor-Cook Cypress Co. (Yellow Pine)
CASSANDRA—Rogers, J. M. (Lath & Shingle Mill)
CEDARTOWN—*Dudley-Butts Sash, Door & Lumber Co. (Yellow Pine Doors, Blinds, Rift Flooring & Finishing Lumber)
Shifflett, W. S. (Saw Mill)
DALTON—*Alaculsey Lumber Co.
*Cherokee Mfg. Co.
*Farrar Lumber Co. (Yellow Pine, Brackets, Blocks & Mill Finish)
DARIEN—*Hilton & Dodge Lumber Co. (Cypress & Yellow Pine)
Schmidt & Wylly (Exporters)
ELLIJAY—§Shippen Bros.
KESTLER—*Boyd-McDavid Lumber Co. (Yellow Pine)
LAGRANGE—Pike Bros.
LAWRENCEVILLE—*Ambrose & Co.
Jackson, C. P. (Saw Mill)
LEESBURG—Anderson & Rogers (Saw Mill)
LENOX—Robinson, J. R. (Saw Mill)
LONG POND—McArthur, J. H. (Saw Mill)
LUMBER CITY—Erie Lumber Co.
LYONS—Garbutt & Donavan (Saw Mill)
Stacer, F. F. (Saw Mill)
McVILLE—McWilliams & Co. (Saw Mill)
MACON—Georgia Hardwood Lumber Co.
*Masse & Felton Lumber Co.
*Red Cypress Lumber Co. (Lumber & Shingles)
*Stetson Lumber Co. (Rough & Dressed, Long Leaf Yellow Pine, Car Stock & Bridge Timbers)
MARBLE—Simmons Lumber Co. (Saw Mill)
MATLOCK—Grice, C. S. (Saw Mill)
MINEOLA—*Mincola Mill Co. (Yellow Pine)
MONAIC—Dyal, Upchurch & Co. (Saw Mill)
MOULTRIE—Corbett, R. J. & Co. (Saw Mill)
McBride & Cooper (Saw Mill)
*Redgood, Howell & Co.
MOUNT PLEASANT—Aiken, L. B. & Bro.
OAKFIELD—Rountree, J. E. & Co. (Saw Mill)
OCHWALKEE—*Hilton & Dodge Lumber Co. (Yellow Pine)
OCILLA—*Ensign-Oskamp Co. (Saw Mill)
OLYMPIA—West Yellow Pine Co.
PARISH—Dunden, W. M. & Co.
PELHAM—Higgston Lumber Co. (Saw Mill)
PITTS—*Enterprise Lumber Co. (Yellow Pine)
ROME—*O'Neill Mfg. Co. (Yellow Pine)
SAVANNAH—Aimar, W. W. & Co. (Saw Mill)
Bacon, A. S. & Sons, 15 Whitaker
Calhoun, J. A., 228 Bay E
Chattahoochee Lumber Co.
*Georgia Lumber Co. (Yellow Pine)
Granger-Stubbs Lumber Co. (Georgia Yellow Pine & Cross Ties)
*Hirsch, C. S. & Co. (Lumber, Bridge Timber, Poles, Ties, etc.)
McDonough & Co., 746 Wheaton
Reppard, Snedeker & Co. (Lumber & Shingles)
*Southern Pine Co. (of Georgia), (Yellow Pine Lumber, Rough & Dressed Shingles, Lath, Mouldings, Newell Posts, Balusters, Flooring & Heavy Timber)
*Vale Royal Mfg. Co.
TAYLORSVILLE—Hitchcock, R. B. (Lumber & Shingles)
THELMA—*Thelma Lumber Co.
THOMASVILLE—*Boston Lumber Co.
TIFTON—*Acme Lumber Co.
*Allapaha Lumber Co.
*Bliss & Vanauken
Coddington Lumber Co. (Planing Mill)
§Delph, W. H. & Co.
§Gress Mfg. Co.
*Harris Lumber Co.
*Tift, H. H. (Yellow Pine)
Tifton Lumber Co. (Planing Mill)
TRAVISVILLE—*Clinch Lumber Co.
VALDOSTA—Fender Lumber Co. (Saw & Planing Mills)
§Lewis Lumber Co.
Minola Lumber Co.
Valdosta Saw Mill Co.
WAYCROSS—Murphy, Singleton & Co. (Planing Mills)
*Satilla Mfg. Co. (Planing Mills)
*Wadley Lumber Co. (Saw Mill)
WHITE OAK—Reed, McClane (Shingle Mill)
WILCOX—Wilcox, J. L. (Saw Mill)
WILLINGHAM—Alford & Sloan (Saw Mill)
WORTH—*Enteprise Lumber Co. (Yellow Pine)
WRENS—Wrens Milling Co. (Saw Mill)
WRIGHT—*Garbut Lumber Co.

IDAHO.

BOISE—*Ridenbaugh, W. H. (Lumber & Saw Mills)
*Rosse, A. & Co. (Lumber & Saw Mills)
*Ruby Creek Lumber Co.
*Shaw Lumber Co. (Lumber & Saw Mills)
NEWPORT—*Allen & Fay

ILLINOIS.

ADDIEVILLE—Thoms, C. H. (Saw Mill)
ANNA—*Anna Lumber & Mfg. Co.
BELLEVILLE—Heinrich, Oscar
Liese Lumber Co.
Reis, M. & H.
Reis, Val. & Sons
BENTON—Hamilton, F. O. & Co. (Piling, Ties, etc.)
Ward, T. J. (Saw Mill)
BLOOMINGTON—§Richart, Beswick & Co. Lumber, Shingles, etc.)
CAIRO—§Atwood, F. H. Lumber Co.
*Carey-Halliday Lumber Co. (Hardwood Lumber & Boxes, Veneered & Sawed Egg Cases, Book Shooks, etc.)
*Chicago Mill & Lumber Co. (Lumber & Box Shooks)
*Creelman, F. E. Lumber Co. (Hardwood)
§Dodge & Sunbery (Cypress, Yellow Pine & Hardwoods)
*Himmelberger & Friant Co. (Hardwood)
*Houston Bros. (Yellow Pine, Hardwood & Cypress)
O'Hara, Geo. E. Cypress Co.
Smith, W. A. Lumber Co. (Red & White Oak)
*Sondheimer, E. & Co. (Hardwood & Quartered Sawed Oak)
*Three States Lumber Co. (Hardwood, Domestic & Export Cottonwood & Gum for Boxes)
*Weis-Peterson Box Co. (Sawed & Veneered Egg Cases, etc.)
CHARLESTON—§Andrews, B. P. & Co.
CHICAGO—§Adams, Herbert. L. (Commission Merchant), 303 W Randolph
Alexander Lumber Co., 77 Jackson boul
§Alien, Edmund A. (Commission Merchant), 138 Washington
Attley, J. M. & Co., 9 Jackson boul
Bader, Ross & Co., Dominick ft A st
§Badger & Jackson Co. (Wisconsin Lumber), 204 Dearborn
*Baker Lumber Co., 204 Dearborn
*Bay De Noquet Co., Masonic Temple
§Beidler, Frances & Co. (White Pine & Bevel Siding, etc.), W 22d & Loomis
§Benedict, John S. (Hardwood & Wagon Stock), 135 N Halsted
§Bickford & Knox Co. (Commission Merchants), 242 S Water
*Bigelow Bros. & Walker Co. (Yellow Pine, Cypress & Hardwood), Tacoma bldg
§Bowen, Chas. P., 184 Lasalle
§Boyle, Clarence, Lumber Co. (Hardwood), 319 W 22d
§Brooks & Ross Lumber Co. (Pine & Hemlock), 171 La Salle
§Bryant Bros. (Commission Merchants), 163 Randolph
Buckner-Saunders Lumber Co., 279 Dearborn
§Burns, Jno. E., Lumber Co. (Yellow Pine), 40 W Chicago av
§Calumet Lumber & Mfg. Co., 943 W 119th
§Carey-Lombard Lumber Co., 205 La Salle
Carney Bros. Co., 138 Wash.
§Caryl, Alex. H. (Commission Merchant), 138 Wash'n
Central Lumber Co., 100 Elston av
§Chicago Lumber & Coal Co., 138 Wash'n
§Chicago Mill & Lumber Co., 143 Dearborn
Chicot Lumber Co., 134 Monroe
§Church, Geo. E. (Commission Merchant), 70 Dearborn
*Cicero Lumber Co., W Lake c N 50th av
Claney-Bishop Lumber Co., 1054 Elston av
§Columbia Hardwood Lumber Co. (Hardwood), 65 Southport av
§Continental Lumber Co. (Piling & Heavy Timber), Monadnock blk
*Cottage Grove Mfg. Co., 91 38th
§Crandall & Richardson (Yellow Cottonwood), 33d & S. Centre av
§Crane, F. R. & Co. (Hardwood), 440 N Branch
§Cross, Clarence L. (La. Red Cypress), Monadnock blk
§Danaher, C. D., 100 Wash'n
Darling, Charles (Hardwood), Merchants' Loan & Trust bldg
§Deacon, J. C. & Co. (Pine), Loomis nr W 22d
§Deeves, G. H. Lumber Co. (Hardwood), 1505 Railway Ex.
De Vries, S. J. & Co., 945 W 47th
*Dodge, P. G. Lumber Co. (Hardwood), 2116 Lumber
§Douglass, D. B. & Co., Monadnock blk
§Empire Lumber Co. (Pine & Hardwood) cor North Branch & Black Hawk
§Fathauer, Theo. Co. (Hardwood), 235 Cherry av
§Fink-Heidler Co. (Hardwood), Ashland av & 22d
§Frees, Benj. M., 234 La Salle
*Frost-Trigg Lumber Co., Monadnock blk
§Gillespie, John Lumber Co., Lumber & Seward
Gillis & Moulton (Piling & Heavy Timbers), 204 Dearborn
*Goodwillie Bros. (Lumber & Box Shooks), 171 La Salle
§Gourley, Arthur Co. (Pine), Loomis c W 22d
§Green, Geo. Lumber Co., W 22d & Loomis
§Gunderson, Severt T. (R. R. Ties, Cedar Posts, etc.), 138 Wash'n
§Gustorf, Fred'k (Commission Merchant), 163 Randolph
*Hamilton & Merryman Co. (White Pine), 204 Dearborn
Hapeman, Edgar, 204 Dearborn
§Hartwell, Edwin S., Lumber Co. (Pine), 1324 Elston av
§Hayden Bros. Lumber Co. (Plain & Quartered Sawed Oaks), 22d & Jeff'n
*Heath, Witbeck & Co. (Maple, Cypress & Basswood), Loomis nr W 22d
*Heidler, F. J. (Walnut & Cherry), Blue Island av & Robey
Hendrickson, F. S., Masonic Temple
§Henning E. & Co. (Barrel, Staves, Heading, Hoops & Box Straps), 154 Lake
§Herbert, Wm. A., 131 La Salle
§Hines, Edward Lumber Co. (Lumber, Laths & Shingles), Lincoln S of Blue Island av
*Holt Lumber Co., 315 Dearborn
*Houston, Geo. T. & Co. (Yellow Pine, Hardwood & Cypress), Tribune bldg
Howes Bros., 647 W 71st
Jones, Coates & Bailey, 320 Franklin
§Joyce, W. T. Co., 234 La Salle
§Keith Lumber Co. (Hardwood & Southern Pine), W 14th & Wood
§Kelley, C. B. Lumber Co., "The Rookery"
§Kelley, W. E. & Co., 138 Wash'n
§King, W. O. & Co. (Yellow Pine & Hardwood), Loomis St. Bridge off W 22d
§Kirby-Carpenter Co., 9 Jackson boul
§Knudson & Mercer Lumber Co. (White & Yellow Pine, Lath, Shingles, etc), Marquette bldg
§Krum, Griffith & Co. (Commission Merchants, Monadnock bldg
§Lesh & Matthews Lumber Co. (Native & (Hardwood), 204 Dearborn
§Lord & Bushnell Co. (Yellow Pine), W 22d c Centre av
Lockwood & Strickland Co., Halsted & 49th
Lowe, Perley & Co., Monadnock blk
McFariand, Thos., 6504 Jackson av
Markham, F. H., 3800 S Center av
*Marsh & Bingham Co. (L. L. Yellow Pine, Fir, Oak & Hemlock Timber), Old Colony bldg
§Maxwell Bros. Co., Loomis c W 21st
Mears, Chas. H. & Co., 1103 Belmont av
*Menominee River Lumber Co. (Lumber, Lath & Shingles), 204 Dearborn
§Mercer & Brannum (White & Yellow Pine, Lath, Shingles, etc.), Marquette bldg
§Messinger Hardwood Lumber Co. (Hardwood), Mendell nr W Clybourn pl
§Miller Bros. (Hardwood), 22d & Centre av
§Miller, C. P. & Co. (Wisconsin Lumber, Lath, Shingles, etc.), Monadnock blk
§Miller, Jas. G. (Commission Merchant), 204 Dearborn
§Miller, Wm. H., 131 La Salle
*Mississippi Lumber Co. (Long Leaf, Yellow Pine; mills, Quitman, Miss.), Monadnock blk
§Moberly, E. E. & Co., 175 Dearborn
§Mueller, Wm. Co. (R. R. Ties, Posts, Poles, etc.), Marquette bldg
North Branch Lumber Co., 1735 N Western av
Nourse-Taylor Lumber Co., 138 Wash'n
§O'Brien, John Land & Lumber Co. (Pine), 138 Wash'n
O'Connor, D. W. & Co., 153 La Salle
§O'Conto Co., Masonic Temple
*Otis Mfg. Co. (Hardwood), 2257 Lumber
*Paepcke-Leicht Lumber Co. (Box Shooks & Nail Work), Tribune bldg
*Paine Lumber Co. (Mill Work)
§Palmer, W. C. B. (White Cedar, etc.), 1172 S Robey
Paltzer, C. A. Lumber Co., 3700 Centre av low Pine), 279 Dearborn
*Pate, D. S. Lumber Co. (Long Leaf Yellow Pine)
§Pike, Francis J. (Commission Merchant), 204 Dearborn
Pilsen Lumber Co., W 22d c Laflin
§Porter, Frank (Commission Merchant), 138 Wash'n
Pulaski Lumber Co., 8755 Erie av
Raber & Watson (Cedar, Ties, Poles & Posts), Old Colony bldg
§Richmond, Simmer & Co. (Hardwood), 65 W 22d
Rittenhouse & Embree Co. (Oak & Maple Flooring), 3500 S Centre av
§Ryan & McParland (Hardwood & Wagon Stock), Robey & Blue Island av
§Sagola Lumber Co., 9 Jackson boul
*Sanford Lumber Co. (Yellow Pine), 135 Adams
Santee River Cypress Lumber Co., Loomis c W 22d
Schroeder, Wm. Lumber Co., 1808 Lincoln av
***SCHULTZ BROS. & BENEDICT** (Maple, Oak & Pine Flooring & Cedar Poles, etc.), Old Colony bldg
Shoot, W. E. Lumber Co., W 22d c Laflin
*Sondheimer, E. Co. (Cottonwood, Basswood, Birch, etc.), 9 Jackson boul
§Soper Lumber Co., 723 Laflin
§South Chicago & Calumet Lumber Co., Harbor av c 95th
*South Side Lumber Co. (Maple & Oak Flooring), W 22d & Ashland av
*Spalding Lumber Co. (Lumber, Lath & Shingles), 204 Dearborn
§Spry, John Lumber Co., W 22d & S Ashland av
Stewart A. T. Lumber Co., 78th & Greenwood av
Stone, Frank B., 279 Dearborn
§Stoneman, Geo. W. (Oak, Ash, Poplar, Gum, Hickory, Poplar, etc.), 78 W Erie
§Street, Chatfield & Co., 25 W Fulierton av
Sumpter Lumber Co. (Yellow Pine) 77 Jackson boul
§Thompson Lumber Co., 84 Van Buren
Tucker, W. R. Lumber Co., 135 Adams
§Underwood, J. Platt, 84 Van Buren
*Union Lumber Co. (L. L. Yellow Pine), 234 La Salle
*Upham & Agler (Basswood, etc.), 215 Dearborn
§Vinnedge Bros. (Hardwood), Division & N Branch
*Ward Lumber Co. (Hardwood), Chamber of Com. bldg
§Wells, R. A. Lumber Co. (Hardwood), 22d c Clark
§Wentworth, J. & G. K., 234 La Salle
Wheelock, E. W., 945 N Campbell av
*White Lake Lumber Co., 163 Randolph
§White Lumber Co. (Hardwood), 406 W Lake
White River Lumber Co., 92d & Harbor av
*Wilce, T. Co. (Maple & Hardwood Flooring, Polished & Matched Ends), 22d & Thropp
Willey, C. L., 1225 S Robey
Wisconsin Oak Lumber Co., 215 Dearborn
Witkowski, Isidor, 491 La Salle av
*Wood, Geo. E. Lumber Co. (Wis. Pine), 135 Adams
Wuichet, Louis, 205 La Salle
*Wylie, Alfred W. (All Kinds), Monadnock blk
W. & B. Hardwood Lumber Co. (Oak, Poplar, Wainut & Cherry), 1084 S Paulina
COBDEN—Du Bois, H. A. (Box Materials & Planing Mill)
*Mesler, W. P. & Co. (Lumber & Fruit Boxes)
CREAL SPRING—Gaskell, J. & Son (Saw Mill)
DALE—Rountree Stave Mfg. Co. (Staves)
DANVILLE—*McNeill, M. M. (Hardwood)
*Mahley, Jacob (Hardwood Lumber & Saw Mill)
*Negley, G. W. (Hardwood Lumber & Saw Mill)
EAST ST. LOUIS—Booker Lumber Co., 8th & Missouri av
*East St. Louis Lumber Co., 8th & Air Line Ry.
*Goedde, B. & Co., Missouri av & 10th
Reis, H. G. & Co., Illinois av & 9th
Southern Illinois Construction Co., St. Louis av & Belt Ry
ELGIN—Rinehimer Bros. Mfg. Co.
FULTON—*Joyce Lumber Co. (Lumber, Lath, Shingles & Mouldings)
HOOPESTOWN—Moore & McFerren (Saw Mill, Lumber & Cottonwood Box Shooks)
KELL—Hays, O. G. (Saw Mill)
KENNEY—*Andrews, B. P. & Co.
McLEANSBORO—*Wright, T. B. & Sons
MARTINSVILLE—Sallee, Thos. M. (Saw Mill)
MASCOUTAH—Leibrock, Geo. (Saw Mill)
MATTOON—*Anderson Bros.
*Moore-Gabbert Co. (Lumber & Planing Mill)

METROPOLIS CITY—*HARRIS & COLE BROS. (Poplar & Oak Lumber, Wagon Box Material, Turned Work & House Trimmings, Export & Turned Work)
MOLINE—Dimock, Gould & Co.
Mueller, Christian & Sons
MOUND CITY—Williamson, A. W. (Saw Mill)
MT. CARMEL—*Brayer & Volght (Lumber & Staves)
Kelch, J. C.
MT. VERNON—*Guthrie, Jno. P. (Hardwood)
*Louth, W. L. (Hardwood)
*Neal & Sims Lumber Co. (Hardwood)
MURPHYBORO—Palmer, Jno. R. (Saw Mill)
OTTAWA—Merrifield, L. W. & Co. (Saw Mill)
PEKIN—*Smith, T. H. & Co.
QUINCY—*Gem City Saw Mill Co.
ROCKFORD—§Dewey, C. W. (Wis. Pine, Hemlock, Cedar & Hardwood)
*Woodruff & McGuire (White & Norway Pine)
ROCK ISLAND—*Rock Island Lumber & Mfg. Co. (Lumber, Lath & Shingles)
*Weyerhaeuser & Denkmann (White Pine)
TUNNELL HILL—Anderson, Hy. (Saw Mill)
VANDALIA—Clark Bros. (Saw Mill)
WATAGE—§Merrill, J. H.
WEST SALEM—Fishel, A. (Saw Mill)

INDIANA.

AKRON—Lidecker, V. J. (Saw Mill)
ALBION—*Albion Lumber Co. (Hardwood)
Croft, B. F. (Saw Mill)
ALFORDSVILLE—Allen, C. M. (Saw Mill)
ALTON—Peckingpaugh, Harrison & Co. (Saw & Planing Mills)
ANDERSON—Pierce, Aldon B. (Saw Mill & Hardwood Lumber)
ANGOLA—*Croxton & Butz (Saw Mill & Lumber)
AVILLA—Yeiser Bros. (Saw & Planing Mill)
AYLESWORTH—Brown, Becker (Saw Mill)
BEDFORD—*McLean, Hugh & Co. (Hardwood)
BENGAL—McCain, Jno. F. (Saw Mill)
BIPPUS—Howenstein & Williamson (Saw Mill)
BIRDS EYE—Indiana Spoke & Lumber Co.
BLOOMFIELD—Jones, L. H. (Saw Mill)
BLOOMINGTON—*Bayne, Thos.
Fulwider, W. A. (Lumber)
*Shomers Bros. & Co. (Lumber)
Weston-Barnaby Co. (Saw Mill)
BLUFFTON—Adams, Frank (Saw Mill)
Eaton, Jas. B. (Lumber & Pilling)
BOONVILLE—*White, C. P. Lumber Co. (Hardwood, Quartered Oak)
BROOKVILLE—Buckley, Jas. (Lumber)
Dudley & Gettig (Planing Mill)
Ferris & Son (Planing Mill)
BROWNSTOWN—Cunningham, J. W. (Saw Mill)
CAMPBELLSBURG—*Stratton, John, Lumber Co. (Hardwood)
CLAY CITY—*Guir, W. H. (Hardwood)
CONVERSE—*Murphy & Kenny (Lumber & Planing Mill)
CORYDON—Watson & Thomas (Saw Mill)
COVINGTON—Williams, Geo. W. (Saw Mill)
CRAWFORDSVILLE—*Everson, Jas. K. (Lumber & Saw Mill)
*Walters, J. P. Lumber Co. (Hardwood)
CROMWELL—Moore Bros. (Saw Mill)
CUMBERLAND—Wiese, A. & Son (Saw Mill)
DALEVILLE—*Dale, J. C. (Lumber & Saw Mill)
DANVILLE—*Wilson, Jas. H. (Saw & Planing Mill)
DARLINGTON—*Lynch, W. B. (Lumber & Saw Mill)
EAST CHICAGO—*Lesh, Prouty & Abbott Co. (Walnut exclusively)
EATON—*Baur, Emil
EDINBURG—*Maley, Henry (Hardwood)
ELKHART—*Elk Valley Lumber Co.
ELWOOD—Hedrick, Homer (Saw Mill)
Heffner, Louis (Saw & Planing Mill)
EVANSVILLE—*Central Lumber & Mfg. Co. (Hardwood & Yellow Pine)
*Evansville Hardwood Mfg. Co. (Hardwood)
*Helfrich Lumber & Mfg. Co. (Saw Mill)
*Hermann, H. Mfg. Co. (Saw Mill)
*McCorkle, Jno. S.
§McFerson & Foster (Cottonwood, Poplar & Box Shooks)
*Maley, Hy. Lumber Co. (Indiana Hardwoods & Saw Mill)
*Maley & Wertz (Hardwoods, Quartered Oak & Saw Mill)
*May, Thompson & Thayer (Band-Sawed Hardwoods & Saw Mill)
Piatt, Jas.
*Reitz, Clement Sons Co. (Saw Mill)
*Reitz, Jno. A. & Son (Saw Mill)
*Von Behren Mfg. Co. (Hardwood)
FERDINAND—*Beckman & Dilger (Saw & Planing Mill)
FORT WAYNE—*Diethers Lumber Co. (Hardwood)
*Ferguson, Jno. (Hardwood)
§Fort Wayne Lumber Co.
*Gilmartin, Edw. (Hardwood)
§Hoffman Bros. (Hardwood)
§Kennedy, Jas. & Co. (Hardwood Exporters)
*Peters Box & Lumber Co. (Saw Mill)
FOWLERTON—*Jones Lumber Co.
FRANKFORT—Benefiel & Son (Saw Mill)
GOSHEN—*Irwin, Jno. W. (Est. of)
*Lesh & Young Co. (Hardwood)
*Penrod & Wood
*Sanders & Egbert Co. (Hardwood)
GREENSBURG—*Talbert, W. E.
GREENCASTLE—*Barnaby Bros. (Hardwood)
GWYNNEVILLE—*Wilcoxen, W. W. (Hardwood)
HAGERSTOWN—Doerstler, Sam'l (Saw Mill)
HARTFORD—*Willman Lumber Co. (Saw Mill & Lumber
*Wenklebleck & Walters (Saw Mill & Hardwood Lumber)
INDIANAPOLIS—*Bachman, F. M. Co., Madison av c Lincoln
§Buddenbaum Lumber Co., New York c Pine
Capitol Lumber Co., 849 Mass. av
§Carter, Lee & Co., 1621 W Wash.
*Central Lumber Mfg Co., 133 N Davidson
*Christian Lumber & Fuel Co. (Hardwood), 701 E Wash'n
§Clark, Geo. W., State Life bldg
*Coburn, Hy. Lumber Co., 221 W Georgia
§Coburn Timber Co. (Flooring, Siding, Posts, Lath, etc.)
§Dickson, Jas. C. (Oak, Ash & Poplar), 936 E Mich
Eaglesfield, Wm. Co., 19th & L E & W R R
§Eichholtz, Geo. W., State Life bldg
Eldridge, E. H. Lumber Co., 312 S New Jersey
§Foster Lumber Co., 802 N Senate av
*Gladden Lumber Co. (Hardwood), 322 W Walnut
Greer-Wilkinson Lumber Co., 931 E Mich.
Huey, M. S. Co., 1136 Mass. av
§Long-Knight Lumber Co. (Hardwood), 1025 Roosevelt av
*Mainland Mfg. Co. (Hardwood), 2406 Yandes
§Michigan Lumber Co. (Long Joist & Heavy Timber), 929 E St Clair
Murry, J. H. & Co., State Life bldg
Pinnell, J. W., Lemcke bldg
Pratt, G. C. Lumber Co., 1624 N New Jersey
§Sisson, Geo. D. Lumber & Shingle Co., Lemcke bldg
§Talge Mahogany Co., 1101 E 13th
*Walnut Lumber Co. (Hardwood), 1321 Lewis
KOKOMO—*Armstrong-Landon Co. (Hardwood & Pine)
LAFAYETTE—*Lafayette Lumber & Mfg. Co.
LAOTTO—Brown, Chas. N. (Saw Mill & Staves)
LAPEL—Woodward Bros. (Saw Mills)
LOGANSPORT—Bennett, Geo. (Saw Mill)
Burkhart, Geo. (Saw Mill)
Fernald, W. L. (Saw Mill)
MARION—Barley & Spencer (Wholesale Dealers)
Barnard Bros. (Dealers)
Byrd & Sons (Dealers)
Greer-Wilkinson Lumber Co. (Wholesale Dealers)
Humphreys Lumber Co. (Wholesale Dealers)
Marion Lumber Co. (Wholesale Dealers)
MICHIGAN CITY—Leslie Lumber Co.
MUNCIE—*Wood, J. C. & Co. (Hardwood)
NEWBERRY—Killian, W. D. (Saw & Planing Mill)
NEW MARKET—*Childers, Wm. R. (Hardwood)
*Easey, P. E. (Hardwood)
NORTH VERNON—*Litchfield Bros. (Hardwood)
PERU—*Miller & Elsaman (Hardwood & Saw Mill)
PETERSBURG—Dering, S. F. Hardwood Lumber Co.
*Dering & Frank (Hardwood)
*Finney & Real (Saw Mill)
*Martin, J. P. Lumber Co.
PLEASANT LAKE—*Goodwin, J. W.
PLYMOUTH—*Morris, C. L. (Saw & Planing Mills)
PRINCETON—*Nickey, A. B. & Sons (Band Sawed Hardwood)
RICHMOND—*Johnson, B. & Son (Lumber, Piles & R R Ties)
§Kramer, C. & W. (Hardwood)
RUSHVILLE—§Case, J. D. (Hardwood)
SALISBURY—Miller, W. B. & Co. (Lumber & Saw Mill)
SANDUSKY—*Swalls, W. A. (Hardwood)
SEYMOUR—*D'Heur & Swan Lumber Co. (Hardwood)
SULLIVAN—Smith, L. R. & Co. (Saw Mill)
TERRE HAUTE—§Hooton, R. A. & Co.
*Langton, H. A. & Co. (Hardwood)
VALPARAISO—Stoner, Chas. (Saw Mill)
VINCENNES—James E. & R. O. (Saw Mill)
Marion Hardwood Lumber Co.
WASHINGTON—*Murdoch Veneer & Lumber Co. (Hardwood Lumber & Veneers, Fancy Figured Quartered Oak a Specialty)
WAVERLY—*Lewis, J. V. (Hardwood)

INDIAN TERRITORY.

PETTOSS—*Dierks Bros. (Yellow Pine)
SOUTH McALESTER—§Bryan, L. W.
THOMASVILLE—*King-Ryder & Co. (Yellow Pine)

IOWA.

ABINGTON—Johnson Wm. (Saw Mill)
ALBIA—Clark, J. F. & Co. (Lumber & Saw Mill)
BANKSTON—*Kirby, Smith & Co.
BARD—*Wypert & Weber
BAXTER—*Baxter Lumber Co.
BELLEVUE—*Bittner, Louis, Hardwood)
*Dorchester & Hughey (White Pine)
BENTONSPORT—*Seward & Wolf
BON ACCORD—*Dagenhard Bros.
BURRELL—*Williams & McDowell
BURLINGTON—*Burlington Lumber Co. (White Pine)
Gillman, H. H. & Son (Dealers), Tama bldg
*Gilbert, J. D. Mfg. Co.
*Gilbert, Hedge & Co.
*Nairne, Giles & Co.
Rand Lumber Co.
CEDAR FALLS—*Harris & Cole Bros. (Poplar & Oak Lumber, Wagon Box Material, Turned Work & House Trimmings, Export Turned Work)
CLARKSTON—*Owens & Farley
CLINTON—*Curtis Bros. & Co. (Mill Work)
§Greve, Hansen & Co. (Hardwood)
*Lamb, C. & Sons (Lumber, Lath, Shingles, Pickets, Flooring, Siding, Ceilings, etc.)
Peterson, Bell & Co. (Box Shooks & Crates, etc.)
DAVENPORT—*Lindsay & Phelps Co.
*McClelland, T. W. Co.
*Mueller, Chris. & Sons (White Pine)
*Roberts, U. N. Co.
*Weyerhaeuser & Denkmann
Woodruff-Kroy Co. (Slack Cooperage Stock, Butter Tub Stock, etc.)
DECATUR—*Cartwright & Colter
DELOIT—*Green Bay Lumber Co.
DES MOINES—§Chicago Lumber & Coal Co., Walnut c 11th
§Dewel-Beckman Lumber Co., 524 E Grand ave
§Ewing & Jewett, 9th c Locust
*Getchell & Martin Lumber & Mfg. Co., c 8th & Vine
*Gilcrest, J. K. & W. H. Co., 303 E Locust
*Green Bay Lumber Co., Equitable bldg
*Iowa Walnut Lumber Co., 12th nr C R I & P Ry
*Longshore, G. L. (Saw Mill), 8th nr Elm
§Oregon Lumber Co., 400 Youngerman blk
*Queal, J. H Co., 201 E Grand av
§Wheeler Lumber & Bridge Supply Co., Clapp blk
*Wisconsin Lumber Co., Youngerman blk
Yazoo Lumber Co., 403 E 5th
DEXTER—*Green Bay Lumber Co.
DUBUQUE—*Carr, Ryder & Adams Co.
*Farley & Loetscher Mfg. Co.
Frudden Lumber Co.
*Knapp, Stout & Co.
*Rumpf-Frudden Lumber Co.
*Standard Lumber Co.
EDDYVILLE—*Mintonye, A. P. & Son
FIFIELD—*Price, Robt.
FORT MADISON—*Atlee, S. & J. C. (White Pine)
§Ballew, W. B. Lumber Co.
*Knapp, Stout & Co.
FRENDALE—*Webster, F. S., H. A., F. & J.
GUTTENBURG—*Zimmerman, J. & Ives
HAYESVILLE—*Wiseman, Adam & Son
ION—*McNaughton, W. R. & Son
IOWA CITY—*Graham, Jno.
KEOKUK—*Carson, Rand Co.
*Carter, C. H. S. Co.
*Taber Lumber Co.
KILBURN—*Gilbert Bros.

LATTNER'S—*Lattner, Jacob
LEHIGH—*Harrington, S. W.
MALOY—*Wildman & Sons
MANCHESTER—*Wolcott Bros. (Lumber & Shingles)
MARSHALLTOWN—*Moore, A. A.
MUSCATINE—*Hershey Lumber Co.
*Kaiser, Wm. (Lumber & Logging)
Muscatine Lumber & Box Co.
*Musser Lumber Co. (White Pine)
*South Muscatine Lumber Co. (Box Shooks)
NEW ALBIN—*Gillette Bros.
NORTH ENGLISH—*Ballard, Geo.
NORTH M'GREGOR—*Wingen, G. & Sons
OAKLEY—*Tickle & Campston
OAKVILLE—*Conley, M. D.
OSKALOOSA—*Gatewood, Chas.
§Hawkeye Lumber Co.
OTTUMWA—*Fletcher, H. H.
*Ottumwa Lumber Co. (Lumber, Lath Shingles & Interior Finish)
PARNELL—*Minneapolis Lumber Co.
*Parnell Lumber & Grain Co.
Valley Lumber Co.
PERCY—*Emerson, R. R. (Lumber & Pickets)
PIONEER—*Wisconsin Lumber Co.
PLEASANT PLAIN—*Burgess, A.
SCIOLA—*Mayhew & Mullen
SIOUX CITY—§Bowman-Kranz Lumber Co.
*Edwards & Bradford Lumber Co. (Wholesale)
*Fullerton Lumber Co.
§Northern Lumber Co.
St. Croix River Lumber Co.
TRACY—*Kitterman, P. & Sons
TROY MILLS—Gard, E. G. (Saw Mill)
TUNNEL—*Fisher & Turk
UNITY—*Johnson & Bros.
UPDEGRAFT—*Beddow, J. R. & Son
WADENA—*Rawson, Walter
VIELE—Gullick, Fred (Saw Mill)
VILLISCA—Ellenwood, J. W. (Saw Mill)
WATERLOO—§Chapman, Chas. W. Lumber Co.
*Naumann & Co.
*Ricker & Bratnober Lumber Co.
WOODLAND—*Jennings, W. H. & Bro.

KANSAS.

ATCHISON—*Carlisle, Wm. & Co.
BELVIDERE—*Laws, L. M.
BOICOURT—*Fickes, M. & Son
CLOVERDALE—*Williams, J. W.
COALVALE—*Lewis, J. E.
DEVON—*Simmonds, Wm.
HADDAM—*Chicago Lumber Co.
HEWINS—*Mallonnee, A.
HUTCHINSON—§Boyles, J. K.
§Hutchinson Lumber & P. M. Co.
§White, L. J. Lumber Co.
IOLA—*Trine, Jas.
KANSAS CITY—*Badge Lumber Co.
§Creel, T. C. Lumber Co.
*Foster Lumber Co.
KELSO—*Clabaugh, U. S.
LA CYGNE—*Morgan, Fickes & Sons.
LE ROY—*Gray & McMurtry
NEOSHO FALLS—*Wright, Amos
NEW ALBANY—*Mooney, Robt.
OSKALOOSA—*Peppard, Sam'l
OZAWKIE—*Metzger, F. P.
RICHLAND—*Kirkwood, Jas.
*Lux, W. L.
*Putnam, C. E. & Co.
RILEY—Riley Lumber Co.
ROSSVILLE—*Thomas, J. & Co.
SAFFORDSVILLE—*Humphrey, W. H.
ST. PAUL—*Althouse & Son
STANTON—*Carey & Jackson
TOPEKA—§Davies & Nicholson
§Thomas, J. Lumber Co.
TRADING POST—*Hall, A. W.
WINKLER—*Winkler, Fred.

KENTUCKY.

ADAIRVILLE—Felts, R. B. (Saw Mill)
*Townsend, R. P. (White Oak Timber)
ADDISON—*Parker, Winton & True
ALLEN SPRINGS—Sledge, R. L. (Saw Mill)
ARAT—Allen, John F. (Saw Mill)
ARLINGTON—Neville, W. N. (Saw Mill)
ASHLAND—*Ashland Lumber Co. (Wholesale & (Retail), Yard & Mill
§Beckette, O. F. L. & Co. (Wholesale Poplar & Oak)
§Dawkins, W. H. Lumber Co. (Wholesale Poplar & Oak)
*Herrman, H. Lumber Co. (See 368 Broome, New York City)
Leicht, Jacob (Saw Mills)
*STRACK, E. W. LUMBER CO. (Oak, Poplar & Hickory Lumber, & Mfrs of Chair Stocks)
*Van Sant Kitchen Co. (Chiefly Yellow Poplar)
*Wright, Giles & Co. (Poplar & Oak)
BAILEY'S SWITCH—Bailey, J. R. (Saw Mill)
BALLANCE—McClure, W. A. (Saw Mill)
BARBOURSVILLE—§Beete, D. (Hardwood)
Chamberlain, N. A. (Saw Mill)
BARDWELL—*Bardwell Lumber & Mfg. Co.
*Bardwell Mill & Lumber Co.
*Bodkins, D., Sr. (Saw Mill)
Dunbar Mill & Lumber Co. (Piling, Bridge Timbers, Swith Ties, Car Stock, etc.)
Turk, J. W. (Timber)
BECK'S STORE—Smith, R. S. & Son (Saw Mill)
BEREA—Sharp, J. C.
Wallace, E. B.
BETHELRIDGE—*Wesley, Silas (Shingle Mill)
BETHLEHEM—Sewell, Geo. (Saw Mill)
BINGHAM—Saylor, J. L. (Saw Mill)
BONNIEVILLE—Stamp, J. M. (Saw Mill)
BOONSBORO—Stevens, H. L. (Saw Mill)
BOWLING GREEN—Kister, F. L. J. (Saw & Planing Mill)
Russell, J. N. & K. M.
BRADFORDSVILLE—Terhune B. (Saw Mill)
BRANDON—Brandon, T. B. (Saw Mill)
BRODHEAD—Late, J. W. & Co. (Saw Mill)
BROWNSBORO—Clore, John L. (Saw Mill)
Dempley, Wm. (Saw Mill)
BROWN'S CROSSROADS—Pickens, J. P. & Co. (Saw Mill)
BURKESVILLE—Williams & Ritchey (Saw Mill)
BURNSIDE—*Kentucky Lumber Co. (Lumber & Saw Mill)
CAMPBELLSVILLE—Boyle, Paddock & Co.
*Campbellsville Lumber Co. (Hardwood)
*Matson Lumber Co. (Hardwood)
Taylor & Crate (Hardwood)
CANE VALLEY—Rice & Collison Co. (Saw Mill)
CARROLLTON—*Adkinson Bros.
CENTRAL CITY—*Blow, Hiram & Co. (Cooperage Stock)
CLAY CITY—Clay City Lumber & Stave Co.
COVINGTON—Covington Lumber Co.
Covington Saw Mill & Mfg. Co.
Hall, Jas. B. (Full Dressed Ale & Beer Staves)
Hellmann, Clemens
Swan-Day Lumber Co. (Staves & Chipped Heading, Bucked & Listed Ale & Beer Barrel)
FORD—*Burt & Brabb Lumber Co. (Hardwood)
*Ford Lumber & Mfg. Co. (Hardwood)
FRANKFORT—Congleton, T. J. & Bro. (Saw Mill)
Kennedy, Bridge & Co. (Saw Mill)
*Kentucky River Lumber Co.
Pence, W. L. (Saw Mill)
HENDERSON—*Clore's, James Sons (Lumber, Saw & Planing Mills)
HENSHAW—Constant & Krapp (Shingle Mill)
HIGHBRIDGE—Hughes, J. D. Lumber Co. (Saw & Planing Mill)
IRON BRIDGE—Howell, J. C. & Son (Saw Mill)
IRVINE—*Magann-Fowlke Lumber Co.
*Peters Lumber Co. (Saw Mill)
Snowden, A. D. & W. M. (Saw Mills)
ISLAND—Strum & Strum (Saw Mill)
JACKSON—*Day Bros. Lumber Co. (Hardwood)
Little, C. J. (Saw Mill)
Lynch, H. & Son (Saw Mill)
Moultrie Bros. & Fleming (Saw Mill)
Patton, Samuel E. (Saw Mill)
JENKINSVILLE—Bottom, Harmon & Robinson (Saw Mill)
JENNIE—Monroe, Crit. (Saw Mill)
KEAVY—Strom, John & Son (Saw Mill)
KEYSBURG—Rust, J. L. (Saw Mill)
KING'S CREEK—Field, A. J. & Son (Saw Mill)
KIRKMANSVILLE—Robinson, J. H. (Saw Mill)
KIRKWOOD—Davenport, J. W. & Co. (Saw Mill)
KNOBLICK—Allen, O. C. (Saw Mill)
KNOTTSVILLE—Head, M. J. (Saw Mill)
KNUCKLES—Todd, Harry (Saw Mill)
KUTTAWA—*Shawanee Spoke & Lumber Co.
LEBANON—*Baker, J. F. Lumber Co. (Saw Mill)
*Lebanon Lumber Co.
Veatch, T. H. (Saw Mill)
LEXINGTON—Coombs Lumber Co. (Saw Mills)
Lexington Lumber & Mfg. Co. (Saw Mill)
*Spottswood, E. R. & Son (Hardwood)
LEWISBURG—Proctor, T. S. (Saw Mill)
LEWISPORT—Best, Peter, Jr. (Saw Mill)
Emmick, S. P. (Saw Mill)
Myers, J. H. & Son (Saw Mill)
LIMABURG—Rouse, W. R. (Saw Mill)
LISMAN—*Pyeatt, C. W. & Co. (Hardwood)
LIVERMORE—Acker Lumber Co. (Saw & Planing Mill)
Hackett, R. E. (Saw & Planing Mill)
Livermore Hardwood Lumber Co.
LONDON—Johnson, R. D. & Co. (Saw Mill)
*Kirk-Christie Co. (Lumber & Mills)
*London Mfg. Co. (Lumber)
LOUISA—Fitzpatrick, Jos. (Saw Mill)
Jones, G. E. (Saw Mill)
*Standard Lumber Co. (Lumber & Mills)
LOUISVILLE—*Bell & Coggeshall (Planing Mill)
*Berger & Meehan Co. (Rived Listed Staves & Circled Headings)
*Berry, J. L. (Hardwood), 4th & K
Central Planing Mill & Lumber Co., 3d & Q
§Chicago Lumber & Coal Co., Columbus bldg
§Comstock, L. H. & Bro.
§Cunningham, Robt. M., 9th & Kentucky
§Davis, E. L. & Co. (Hardwood), 806 W Oak
Gage, W. M., 735 W Green
§Gernert Bros. Lumber Co.
§Graham, S. P., 810 Magazine
*Hubbard Bros. (Staves & Headings for Whiskey, Wine & Beer Barrrels)
*Hughes, E. L. Co. (Wholesale Sashes, Doors, etc.), 123 E Main
*Hughes, W. J. & Sons Co.
*Koehler, Hy. & Co. (Planing Mill, Hardwood, Yellow Pine, etc.), 12th & B'way
*Lortz & Frey Planing Mill Co. (Inc.), 420 E Breckenridge
§Mehler & Eckstenkemper Lumber Co., 1042 E Main
*Mengel, C. C. & Bro. Co. (Hardwood & Box Shooks; also Exporters), G c 5th
§Moody, G. E. & Co. (& Planing Mill)
§Myers, P. F.
*Norman Lumber Co. (Saw Mill)
*Ohio River Saw Mill Co. (Saw Mill)
*Stotz-Perkins-Pettibone (Inc.)
§Wehmhoff, Geo. H.
MARCELLUS—Poindexter, C. R. (Saw Mill)
MARYDELL—Gregory, N. M. (Saw Mill)
MASON—Robinson, Saml. (Saw Mill)
MONICA—Hieronymus, G. J. & Bro. (Saw Mill)
MONTICELLO—Sherer, J. H. & Co.
MURRAY—*Woodruff Lumber Co.
NARROWS—Powers, H. C. (Saw Mill)
NEW HOPE—Hall, S. B. (Saw Mill)
NEWPORT—Unnewler, Frank Co. (Saw Mill)
OSCAR—Webb Bros. & Widenbender (Saw Mill)
PADUCAH—*Ferguson & Palmer Co. (Saw Mill)
*Langstaff-Orm Mfg. Co. (Saw & Planing Mill)
*Paducah Veneer & Lumber Co. (Saw & Planing Mill)
*Riglesberger, F. & Son (Saw & Planing Mill)
PIKEVILLE—Huffman Bros. (Saw Mill)
PINEVILLE—*Asher, A. J. (Saw Mill)
§Gibson, J. J. & Son
PULASKI—Dodge, M. M. (Saw Mill)
QUINCY—Howland, L. A. & Son (Saw Mill)
RINALDO—Mitchell, W. J. (Saw Mill)
ROCHESTER—Hays Bros.
Kinnimouth Bros.
Willis, Wm.
Yates, J. R. & Co. (Saw Mills)
SAMUELS—Sherman, A. W. (Saw Mill)
SCOTTSVILLE—*Love, Boyd & Co.
SCRANTON—*Oneonta Lumber Co.
SEBREE—McMullin & Orsburn (Saw Mill)
SOMERSET—*Longsworth, L. R. (Hardwood)
SONORA—Routt, W. R. (Saw Mill)
SOUTH CARROLLTON—Walcott Bros. (Saw Mill)
SPRINGLICK—Kelley, E. & Son (Saw Mill)
TONICVILLE—Troyman, L. T. (Saw Mill)
TORRENT—*Eastern Kentucky Stave Co. (Sawed Staves, Lumber, Ties, Tanbark, Keg Staves, etc.)
TYNER—Bowles, Wm. (Saw Mill)
Jones, I. S. (Saw Mills)
VALLEY VIEW—*Southern Lumber Co.
VANCEBURG—Hodge, E. A. (Saw & Planing Mills)
VINEGROVE—Kaye, F. H. (Saw Mill)
VISALIA—Temple, Jas. M. (Saw Mill)
WARSAW—*McDanell's, J. H. Sons (Poplar Oak & Interior Finish)
WASIOTO—*Asher, T. J. & Sons (Hardwood)
WHITE MILLS—Richardson, J. D. & Sons (Saw Mill)
WICKLIFFE—Blankeresplit, T. G. (Saw Mill)

LOUISIANA.

ABBEVILLE—Bernard, A. M. & Sons (Saw Mill)
ALBERTA—*Bienville Lumber Co. (Yellow Pine)

ALDEN BRIDGE—Love, T. M. & Sons (Saw Mill)
*Strayhan, J. L. (Saw Mill)
*Wblted & Wheeless (Yellow Plne)
ALEXANDRIA—Allen & O'Shea (Saw Mill)
*Ball, R. L.
*Bayou, Robert Lumber Co.
*Levln, Julius (Cypress)
Queen City Lumber Co. (Saw & Planing Mill)
*Selma Lumber Co.
Selss Bros. (Lumber & Saw Mill)
*Tioga Lumber Co.
Union Lumber Co. (Brokers)
Urania Lumber Co. (Saw Mills)
ALLEMANDS—Hopkins, C. L. (Saw Mill)
ALLENTOWN—*Allen Bros. & Wadley, Ltd. (Yellow Pine)
ALPHA—Corley, W. C. & Bro. (Saw Mill)
ANSLEY—*Davis Bros. Lumber Co. (Ltd.), (Yellow Pine)
ANTRIM—*Antrim Lumber Co. (Yellow Plne Lumber)
ARIAL—Bourgeois, P. J. (Saw Mill)
ATHENS—Pace, Gandy & Pace (Saw Mill & Lumber)
AURORA—Hennessey, Jas. L. (Saw Mill)
BALDWIN—*Coleman, C. W. & Son (Shingle Mill)
BALL—*Ball, J. F. & J. W. (Shingle & Saw Mill)
BANCROFT—Tram, Arthur Logging Co.
BARHAM—*Pickering, W. R. Lumber Co. (Yellow Pine)
BATON ROUGE—*Burton Lumber Co. (Cottonwood, Cypress & Yellow Pine)
Cothell, Robt. (Lumber & Saw Mill)
James, E. M. (Saw Mill)
BAYOU CHICOT—John, I. (Saw Mill)
BENSON—Nolan, Walter (Saw Mill)
BENNETTS—*Short Leaf Lumber Co. (Ltd.), (Yellow Pine)
BERNICE—*Colonial Lumber & Timber Co. (White Pine)
Middle Forks Lumber Co. (Saw Mill)
BERWICK—*Berwick Lumber Co. (Cypress, Lumber & Shingles)
Swampeys' Lumber & Shingle Co. (Shingle Mill, etc.)
BLACK CREEK—Creed, W. N. (Saw Mill)
BLANCHARD—Cate, R. T. (Saw Mill)
BLUME—*Friedlander & Oliven (Yellow Pine)
BOLINGER—*Arkansas Central Lumber Co. (Yellow Pine, Oak & Cypress Shingles)
*Bolinger, S. H. & Co. (Ltd.), (Yellow Pine)
BONAMI—*King-Ryder Lumber Co. (Yellow Pine)
*Tillar & Wilson (Shingle Mill)
BOWIE—*Bowie Lumber Co. (Lumber & Shingle Mill)
BREAUX BRIDGE—*Broussard, G. A.
BRODNAX—Overby, F. C. (Saw Mill)
BUNKIE—*Haas, W. D. & Co. (Lumber & Saw Mill)
BURISSA—Ford, G. W. (Saw Mill)
CARSON—*Central Coal & Coke Co. (Yellow Pine)
CEDERTON—Kendall, W. S. (Saw Mill)
CHACAHOULA—*Boudreaux, F. E. (Shingle Mill)
*Lane & Everett (Shingle Mill)
CHARLESTON—*Wolford & Verrett (Saw Mill)
CHENIERE—Brown & Purvess (Saw Mill)
*Globe Lumber Co. (Lumber & Saw Mill)
*Remnant Lumber Co. (Mixed Cars)
CLARKS—*Missouri Lumber & Land Exch. Co. (Yellow Pine)
CLAYTON—*Roades, E. C. Lumber Co. (Lumber & Saw Mills)
CLINTON—Norwood, S. T. (Saw Mill)
CLYDE—*Burton, Lingo Co. (Yellow Pine)
*Clyde Lumber Co. (Yellow Pine)
CONVERSE—*Converse Lumber Co. (Yellow Pine)
COOPER—Lockwood & Ross (Saw Mill)
*Pickering, W. R. Lumber Co. (Yellow Pine)
Lockwood & Ross (Saw Mill)
COTTON VALLEY—*Valley Lumber Co. (Yellow Pine)
COUSHATTA—Corley, W. C. (Saw Mill)
COVINGTON—Menetree, Geo. (Saw Mill)
Mendon, Robt. & Son (Saw Mill)
Millener, J. H. & Son (Saw Mill)
Norman & Frederick (Saw Mill)
CRESCENT—*Levert Lumber & Shingle Co. (Lumber & Shingle Mills)
DE QUINCY—*Seale, M. B. (Cypress Shingle Mill)
DE RIDDER—*Hudson River Lumber Co. (Yellow Pine)
*Ludington, Wells & Van Schaick Lumber Co. (Yellow Pine)
DERRY—Gorum, J. M. (Saw Mill)
DODSON—*Pine Tree Lumber Co. (Yellow Pine)
*Winn-Parish Lumber Co. (Yellow Pine)
DONALDSONVILLE—Esnault & Sons (Saw Mill)
*Wilber, A. Sons Lumber & Shingle Co.
DONNER—*Dibert, Stark & Brown Cypress Co (Cypress, Lumber, Lath & Shingles, Mouldings, Finish & Pickets, Hewn & Sawn Ties & R. R. Timbers, etc.)
DOSSMAN—Dossman, B. S. (Saw Mill)
DUBACH—*Bubach, Fred B. Lumber Co. (Yellow Pine)
DURR—Davis & McKellip (Saw Mill)
ESTHERWOOD—Hoyt, W. M. & E. T. (Saw Mill)
FISHER—*Baxter Lumber Co. (Yellow Pine)
*Louisiana Long Leaf Lumber Co. (Yellow Pine)
*Missouri Lumber & Land Exch. Co. (Yellow Pine)
FLOREIN—Ayers, N. A. Lumber Co. (Saw Mill)
Randolph & Drouet (Saw Mill)
Richards & Williams (Saw Mill)
FOREST HILL—*Keith, J. F. Co. (Lumber & Timber)
Gray, A. H. (Saw Mill)
Williams, B. L. & K. L. (Saw Mill)
Williams, J. H. & Son (Saw Mill)
FRANKLIN—*Hanson, Albert Lumber Co. (Cypress)
*Kyle Lumber Co. (Ltd.)
FRIERSON—Frierson Bros. (Saw Mill)
GAARS—Gaar, D. E. (Saw Mill)
GEORGETOWN—*Georgetown Lumber Co.
GIBSON—D'Echaux, J. (Saw Mill)
*Gibson Cypress Lumber Co. (Lumber & Saw Mills)
GLOSTER—Graves, C. G. & G. S. (Saw Mill)
GRAPPES BLUFF—*Valley Lumber Co. (Lum-
*Kent, Amos Lumber & Brick Co. (Yellow Pine)
GRAYSON—Clark, Spur Lumber Co. (Long Leaf Yellow Pine)
GUEYDAN—*Gueydan Lumber Co.
HAASVILLE—Signor Lumber Co. (Saw Mill)
*Stewart & Haas (Yellow Pine & Saw Mill)
HAMMOND—Breckwoldt Bros. (Saw Mill)
June Bros. (Saw Mill)
HARVEY—*Harvey Mfg. & Improving Co.
*Louisiana Cypress Lumber Co (Red Cypress, Lumber & Shingles)
HAUHORNE—Strange, W. G. (Saw Mill)
Strieby, S. H. (Saw Mill)
HAYNESVILLE—Burnham, C. A. (Saw Mill)
Winn & McEachern (Saw Mill)
HEAD OF ISLAND—Opdemneyer, M. C. (Saw Mill)
HONEY ISLAND—*Brown, O. B. Lumber Co.
HORNBECK—*Hornbeck Lumber Co. (Yellow Pine)
HOUMA—*Houma Cypress Lumber Co.
*Smith, C. P. & Co. (Saw Mill)
*Therot, O. J.
HOULDA—Concordia Lumber Co. (Saw Mill)
HYDE—East Union Lumber & Mfg. Co. (Lumber & Saw Mill)
INDEPENDENCE—*Carrie, W. W. & Co. (Lumber & Saw Mill)
Day, E. H. & A. B. (Saw Mill)
IOTA—*Callahan Mfg. Co.
JACKSON—Munson Bros. Lumber Co. (Saw Mill)
JACOBY—*Dodge & Sundberry (Cypress, Yellow Pine & Hardwood)
JEANERETTE—*Jeanerette Lumber & Shingle Co. (Cypress)
*Planters' Lumber Co. (Cypress, Lumber, etc.)
JENNINGS—Foster, J. E. & Sons (Saw Mill)
JONESBORO—*Huir-Hodge Lumber Co.
*South Arkansas Lumber Co. (Yellow Pine Lumber, Rift Flooring & Finish a Specialty)
*South Arkansas Lumber Co.
KEITH—*Central Coal & Coke Co. (Yellow Pine Long Leaf)
KENTWOOD—*Banner Lumber Co. (Yellow Pine)
Barrier, N. M. (Saw Mill)
*Kent, Amos Lumber & Brick Co. (Yellow Pine)
Hirsch & Cornet (Saw Mill & Hoop Works)
LAFAYETTE—*Vordenbauman, E. H.
LA FOURCHE—Bourgeois & Lofort (Saw Mill)
Gossin, A. (Saw Mill)
LAKE ARTHUR—*Bruet, Reynolds & Streater (Lumber & Saw Mill)
Fox, Lee (Saw Mill)
LAKE CHARLES—*Bel, J. A. Lumber Co (Yellow Pine)
*Bradley-Ramsey Lumber Co. (L. L. Yellow & Pitch Pine Exporters)
Craddock & Arbogast ("Logging Contractors")
*Hodge Fence & Lumber Co. (Saw Mill, Lumber, Fencing & Yellow Pine)
*Menefee, L. B. & Co. (Lumber & Saw Mill. See also Houston, Tex.)
Newcombe, F. H. (Exporter)
*Poe, John H. (Shingle Mill)
*Powell, J. G. (Lumber, Yellow Pine & Saw Mill)
Stout, J. C. (Saw Mill)
White, Son & Castle (Saw Mill)
LAKELAND—*Poydras Saw Mill Co.
LAKE PROVIDENCE—Fischer, Jos. L. Lumber & Mfg. Co
McGuire, H. C. (Saw Mill)
LANE—*Holbrook, Geo. Lumber Co. (Cottonwood, etc.)
LECOMPTE—*Collins-Waddill Lumber Co. (Saw Mill)
*Randolph, Geo.
LEESVILLE—Kilkima Lumber Co. (Saw Mill)
*Leesville Lumber Co. (Yellow Pine)
*Nona Mills Co. (Yellow Pine)
LILLIE—Brown & James (Saw Mill)
LINCECUM—Central Lumber Co. (Yellow Pine)
*Fullerton, S. H. (Yellow Pine)
LONE PINE—*Lone Pine Cooperage Mfg. Co. (Cooperage Stock)
*Stewart & Haas (Yellow Pine & Saw Mill)
LONG LEAF—*Crowell & Spencer Lumber Co. (Yellow Pine)
LORING—*Bowman, Hicks Lumber Co. (Yellow Pine)
LOVES LAKE—Page, T. L. (Saw Mill)
LUTCHER—*Lutcher & Moore Cypress Co. (Red Cypress)
MADISONVILLE—Dendinger & Co. (Saw Mill)
Jay, W. T. (Saw Mill)
MANDEVILLE—*Depre, A. & Son
MANSFIELD—Williams, A. J. & W. W.
MANSURA—Michel, Jos. (Saw Mill)
MARTHAVILLE—Brown & Roberts (Saw Mill)
Brown & Whitlock (Saw Mill)
Rains, Price & Rains (Saw Mill)
MAYER—Mayer, D. E. (Saw Mill)
MERRICK—Carruth, T. H. (Saw Mill)
MINDEN—*Mindin Hardware Mfg. Co.
*Mindin Lumber Co.
*Webster Lumber Co. (Shingles)
MISSIONERY—Salmon, W. R. (Saw & Shingle Mill)
MONROE—*Acme Hardwood Co. (Shingle Mill)
*Herring, H. (Est. of) (Lumber)
*McClure Lumber Co. ("Lumber & Saw Mills")
*Monroe Lumber Co. (Lumber, Yellow Pine & Saw Mill)
*Monroe Shingle Co. (Shingle Mill)
*North Louisiana Shingle Co. (Shingle Mill)
*Remer Lumber Co. ("Lumber & Saw Mills")
*Sheets Lumber Co. (Lumber & Saw Mills)
*Southern Lumber Co. (Lumber & Saw Mills)
MORGAN CITY—*Brownell & Son Lumber Co. (Lumber & Shingles)
MONTROSE—*Montrose Lumber Co. (Yellow Pine)
MYRTISTOWN—*Black Bayou Lumber Co. (Yellow Pine)
MYRTIS—*Black Bayou Lumber Co. (Yellow Pine)
NATALBANY—*Genesee Lumber Co. (Yellow Pine)
*Natalbany Lumber Co. (Ltd.), (Yellow Pine)
NEAME—*Central Coal & Coke Co. (Yellow Pine)
NEW IBERA—Blanchett & Roy (Lumber)
*Breaux-Renouret Cypress Lumber Co.
*Gebert, Jno. A. (Shingle Mills)
*Hiberia Lumber Co. (Cypress Lumber & Saw Mill)
NEW ORLEANS—§Berwick Lumber Co., 2333 Clio
§Bowie Lumber Co., Ltd., Hennen bldg
British & Continental Timber & Stave Co. (Tight & Slack Staves & Headings)
*Carre, W. W. Co. (Yellow Pine Exporters), 331 Carondelet
§Central Mfg. & Lumber Co., Ltd., 1001 Howard av
§Des Allemands Lumber Co., Hennen bldg
*Favre, J. A. Lumber Co., Hennen bldg
*Fischer Lumber & Mfg. Co. (Cypress), 7932 St. Charles' av
§Gonilla, J. H. & Bro. Hardwood Exporters), 316 Barrone
§Iberia Cypress Co., Ltd., Hennen bldg
§Jeanerette Lbr. & Shingle Co., Hennen bldg
§Kreopp, Otto, 1217 Julia
*Lambou & Noel Lbr. & Mfg. Co., 4600 N Peters

§Lhote Lbr. Mfg. Co., Liberty & Toulouse
§Moffett, A. W., St. Louis & N Dorgenois
*Moore, Lucas E. & Co. (White Oak Cooperage Stock & Harwood Lumber, etc.)
*Murphy Lumber Co., Ltd., Hennen bldg
§Negrotto, Edw., 1018 Magnolia
Negrotto, W. T., 2614 Howard av
§Opdenweyer Cypress Co. (Ltd.), 805 S Salcedo
*Otis Mfg. Co., foot of Peters av
§Poitevent & Favre Lbr. Co., 618 Common
§Reeves-Powell Co. (Ltd.) (Exporters), 225 Carondelet
§Roberts & Co., 1411 Gravier
Robinson, C. W. Lumber Co., 806 Gravier
*Ruddock Orleans Cypress Co. (Cypress), Hennen bldg
§Russe & Burgess, Hennen bldg
§St. James Timber Co. (Ltd.), 840 Gravier
*Salmen Brick & Lumber Co. (Yellow Pine Cypress Lumber), 818 Common
*Schut & Kiehn (Hardwood Exporters), Hennen bldg
Schwartz, E. G. Mfg Co. (Hardwood), 912 Fulton
*Sutherland-Innes Co. (Exporters & Wholesalers, Yellow Pine), 204 Carondelet
Thomas, G. H. A. Co., Poydras & S Broad
Union Lumber Co., 303 Barrone

NEW ROADS—*Mix, Thos. (Lumber)
NOBLE—*Noble Lumber Co. (Yellow Pine)
*Triggs, R. L. Lumber Co. (Saw & Planing Mills)
NUGENT—Nugent, J. M. (Lumber & Saw Mill)
OAKDALE—*Industrial Lumber Co. (Yellow Pine)
Lafleur, D. P. (Saw Mill)
OLLA—*Smith & Adams Lumber Co. (Lumber & Saw Mill)
*Adams, A. F. Lumber Co. (L. L. Yellow Pine)
OPELOUSAS—*Opelousas Lumber Co.
ORANGE—*Holton Lumber Co. (Also Holton, Kan.)
PATTERSON—*Callahan & Lewis Mfg. Co (Cypress)
*Cypress, Tank & Mfg. Co. (Railroad Lumber & Piling)
*Trellne Cypress Lumber Co. (Cypress Shingles & R. R. Lumber a Specialty)
*Williams, F. B. (Lumber, Cypress)
Williams, H. J. (Saw Mill)
PELICAN—*Bentley & Ward (Lumber & Saw Mill)
Carroll & Moore (Saw Mill)
Robertson & Braezeale (Saw Mill)
PICKERING—*Pickering, W. R. Lumber Co. (Yellow Pine). (See Kansas City, Mo.)
Vernon Tram Co. (Loggers)
PINEVILLE—Ball, Robt. L. (Saw Mill)
Ryland, Alvin W. (Saw Mill)
PLAQUEMINE—*McDonald Bros. & Wilson
*Nicholls, L. G. & Son (Cypress Shingle Mill)
*Wilbert, A. Sons Lumber & Shingle Co. (Red Cypress Lumber & Shingles)
PLEASANT HILL—Galloway, S. E. (Saw Mill)
PLEASONTON—Connell & Son (Saw Mill); Jno. L. (Saw Mill)
POLLOCK—*Big Creek Lumber Co. (Long Leaf Yellow Pine)
RAMOS—*Ramos Lumber & Mfg. Co. (Red Cypress Lumber, Lath & Shingles)
RAMSAY—*Greenlaw Lumber Co. (Yellow Pine)
RANDOLPH—Summit Lumber Co. (Yellow Pine)
RAPIDES—Morrow, C. A. & Son (Saw Mill)
RIVERTON—*Vollman Shingle Co. (Shingle Mill)
ROCHELLE—*Louisiana Lumber C.o (Yellow Pine)
RODESSA—*Coyle, Wm. Lumber Co.
*McCoy Lumber Co.
ROSE PINE—*Rose Pine Lumber Co.
RUDDOCK—*Ruddock Cypress Co. (Cypress) Lacoix
RUSTON—*Atkinson, J. A. (Saw & Planing Mills)
Atkinson, J. S. & Co. (Saw Mill)
Cloud, S. R. Lumber Co. (Lumber & Saw Mill)
St. James Timber Co. (See New Orleans)
ST. MARTINSVILLE—*Burdin, J. J. & Bro. (Lumber & Saw Mill)
ST. MAURICE—Gamble, E. J. (Saw Mill)
Kimbrell, T. W. (Saw Mill)
Woods & McCain (Saw Mill)
SAND SPUR—Sand Spur Lumber Co. (Saw Mill)
SELMA—*Grant Lumber Co. (Ltd.), (Yellow Pine)
*Little River Lumber Co. (Ltd), (Yellow Pine)
*Selma Lumber Co. (Lumber & Saw Mill)
SHREVEPORT—*Allen & Curry Mfg. Co. (Yellow Pine Lumber, Cypress Pickets, Mouldings, Red Cypress Cisterns, etc.)
*Austro-American Stave & Lumber Mfg. Co. (Lumber & Staves, Mfrs. & Exporters)
*Clark & Bates (Yellow Pine & Cypress)
*Clevenger, J. P.
*Henderson, W. K. Lumber Co.
*McCullough, Proctor & Co. (Yellow Pine)
Pelican Lumber Co.
*Shreveport Lumber & Mfg. Co. (Hardwood)
Southern Box & Lumber Co. (Lumber & Boxes)
*Upton & Friend (Hardwood)
SIMSBORO—Duty, Milton (Saw Mill)
Gullatt, Alex. (Saw Mill)
SINGER—*Edwards, J. B. Lumber Co. (Saw Mill)
Juanita Lumber Co.
SLIDELL—*Salmen Brick & Lumber Co. (Yellow Pine)
SPARTA—Beard, J. W. (Saw Mill)
SPAULDING—Brown & Hawkins (Saw Mill)
SPRINGHILL—*Pine Woods Lumber Co. (Lumber, Saw & Planing Mill)
STATE LINE—McCoach, J. T. Lumber Co. (Saw & Planing Mill)
STAY—Hopper, Samuel & Son (Saw Mill)
ST. FRANCESVILLE—*Rayhan, T. W. Lumber Co.
SWARTZ—*Swartz, E. G. Co. Ltd. (Yellow Pine)
TANGIPOHOA—Newgom's, M. S. Sons
Tickfaw Lumber Co. (Saw Mill)
TREMONT—*Tremont Lumber Co. (Yellow Pine)
URANIA—Urania Lumber Co. (Ltd.) (Long Leaf Yellow Pine, R. R. Construction & Car Materials)
VICTORIA—*Louisiana Long Leaf Lumber Co. (Yellow Pine)
*Missouri Lumber & Land Exch. Co. (Yellow Pine)
VILAS—Johnson, Samuel (Saw Mill)
Phillips, B. H. (Saw Mill)
Spikes, M. L. (Saw Mill)
VINTON—Industrial Lumber Co. (Yellow Pine)
VIVIAN—Paragon Lumber Co.
Pittsburg & Gulf Lumber Co.
*Vivian Lumber Co. (Ltd.)
WASHINGTON—Gibbons, T. C. (Saw Mill)
WEST LAKE—*Lock-Moore Co. (Yellow Pine)
*Hoshall & McDonald Bros. (Lumber & Saw Mill)
WEST LAKE—*Lock-Moore & Co. (Yellow Pine)
*Norris Mills (Yellow Pine)
*Perkins & Miller Lumber Co. (Calcasieu Yellow Pine)
WHITECASTLE—Adams, G. G. (Saw Mill)
*Whitecastle Lumber & Shingle Co. (Red Cypress
WINNSBORO—Steele & Johnson (Saw Mill)
WINONA—*Pine Tree Lumber Co. (Yellow Pine)
WISNER—*Franklin Lumber Co.
WOODSIDE—*Swampe's Lumber & Shingle Mill Co.
WOODWORTH—*Rapides Lumber Co. (Yellow Pine)
WYATT—*Wyatt Lumber Co. (Yellow Pine)
YELLOW PINE—*Globe Lumber Co. (Yellow Pine)
ZIMMERMAN—*Bentley, J. A. Lumber Co. (Yellow Pine)
ZWOLLE—Sabine Lumber Co., Ltd. (L. L. Yellow Pine)
*Zwolle Lumber Co. (Yellow Pine)

MAINE.

ALBANY—*Brown, Jas. (Saw Mill)
*Burnham, L. H.
McAllester & Sons
ALEXANDER—*Dwelley, Jno. W. (Shingles)
ALFRED—*Jordan, B. C.
*Russell, Frank
Russell, N. H.
ALTON—Webber, C. P. (See Bangor)
AMHERST—*Kenniston, J. S. & Sons (Shingles)
ANDOVER—*Poor, O. B. & E. S.
ARGYLE—*Smith, Sam'l
*Spencer, W. W.
ARROWSIC—*Crosby, W. L. & Son (Saw Mill)
Spinney, W. H. & J. L.
ASHLAND—*Ashland Mfg. Co.
*Flint Bros.
AUGUSTA—*Augusta Lumber Co. (Pine & Spruce Lbr., Lath & Shingles)
*Haynes, J. Manchester
*Lawrence, Newhall, Page & Co. (Lumber, Box Shooks, Birch Flooring & Mill Work)
*Kennebec Land & Lumber Co.
BANGOR—*American Realty Co.
*Ashland Mfg. Co.
*Ayer, F. W. & Co.
*Cassidy, John & Son
*Eastern Mfg. Co.
*Engel, Wm.
Gellerson, E. F. Co. (Shingles)
*Lowell & Engel
*Morse & Co. (Inc.)
*Rice, James & Co.
§Walker, James & Co.
BATH—*Passmore, H. T. & Co. (Lumber & Mill Work)
*Rogers Bros.
*Shaw, M. G. Lumber Co.
BIDDEFORD—*Saco River Lumber Co.
BINGHAM—*Temple, Fred.
BRAGGVILLE—*Robertson, F.
CALAIS—Eaton, H. F. & Sons
*Murchie, Jas. & Sons
*Sawyer, Albert H.
CARREBASSETT—*Grant, C., Jr.
CARY—*Cleveland & Ludwig
EASTPORT—Blanchard Mfg. & Canning Co. Box Shooks)
§Wadsworth, S. L. & Son
ELLSWORTH FALLS—§Dudley, Frank (Pine & Spruce)
*Treworgy, Chas. J. (Stave Headings, Shingles & Box Shooks)
*Whitcomb, Haynes & Co. (Spruce & Hemlock Lumber, Laths & Shingles)
EUSTIS—*Norton, Mial H.
FRANKLIN—*Macomber Bros.
GARDINER—*Gray, Joshua & Sons (Lumber, Shingles & Lath)
*Lawrence Bros. Co.
*Oakland Mfg. Co. (Southern Lumber)
*South Gardiner Lbr. Co. (Spruce, etc.)
GILEAD—*Bennett, J. W.
GOLDENRIDGE—*Harriman & Durgin
GUILFORD—*Hussey-Goldthwaite & Hudson
HOWLAND—*Sawyer, Jno.
ISLAND FALLS—*Island Falls Mills Co.
*Mattawamkeag Lumber Co.
LIMESTONE—*Noyes, Josiah M.
LITTLETON—Hill, L. A. (Shingles, etc.)
LOWELLTOWN—*Lowelltown Lumber Co.
*Moose River Lumber Co.
MACHIAS—*Vose, O. M.
*White, Everett I.
MADRID—*Franklin & Somerset Land & Lumber Co.
MORS HILL—*York & Dillon
MOOSE RIVER—*Harris & Holden
NEW GLOUSTER—*Chandler Bros.
NEW VINEYARD—*McLain, E. E.
NORCROSS—*Rice, James & Co.
*Stevenson & Kimball
NORTH ANSON—*Emery, Porter & Co.
NORTH MONMOUTH—Pettingill, Leonidas (Box Shooks)
NORTH MONROE—*Fletcher, A. K.
OLD TOWN—*Jordan Lumber Co. (Box Shooks & Lumber)
*Wing & Engle Co. (House Finish, Box Shooks, etc.)
PORTLAND—*Allen, Wm. A. (Wood Mantels, Tiling of all Kinds, Posts, Rails, Columns, etc., House & Church Finish), 125 Somerset
*Berlin Mills Co. (Spruce Lumber, Clapboards, Shingles, Lath, Pickets, Dimension Boards, etc.), 404 Commercial
§Deering, Rufus Co. (Rough & Dressed of all Kinds)
*Deering-Winslow Co., 323 Commercial
*Dudley, Frank (Est. of) (Pine & Spruce), 394 Commercial
*Leavitt, Jas. A. & Son
*Libby, E. & Sons Co. (Lumber, Dowels & Bobbins)
*McDonald Co., 54 York
§Marrett Lumber Co., 305 Canal
*Richardson, Dana & Co. (So. Pine, Cypress & Hardwood), 331 Commercial
*Riggs, W. W. & Co.
*Rumery, Jerome & Co. (Pine, Hardwood & Hemlock), 91 Kennebec
*Smith & Rummery
PRENTISS—*Baldwin Bros.
PRESQUE ISLE—*Aroostook Lumber Co.
REDINGTON MILLS—*Redington Lumber Co.
SHAWMUT—*Lawrence, Newhall & Co.
SHIRLEY MILLS—*Eveleth, J. H.
SOUTH BREWER—*Sargent Lumber Co.
SOUTH GARDNER—(See Gardner)
STACYVILLE—*Mitchell & McClure
*Tracy, F. J.
UPTON—*West & Son
WEEKSBORO—*American Wood Co.
WELD—*Hildreth, W.
WESLEY—*Day, J. & Sons
WOODVILLE—*Fleming, John G.

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IN WOOD OR WOODWORK
For Interior and Exterior Construction and Finish.
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We handle Lumber of all kinds, from all sections, North, South, East and West, making a principal specialty of
Florida Gulf Cypress and Georgia Long Leaf Pine.
THE A. T. STEARNS LUMBER CO.,
BOSTON, MASS.

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BALTIMORE—§Alcock, John L. & Co. (Hardwood), 423 E Lexington
*American Lumber Co., Mer. Natl. B'k bldg
§Attwood, W. J. & Co., 709 S Eden
§Baer, R. P. & Co., Mfrs. Record bldg
§Baker & Clogg, Canton av c East Falls av
§Balto Mahogany Co., 224 S B'way
§Briggs, G. S. & Co., 601 E Falls av
§Bruns, Chas. H. & Co., 1448 Block
§Burgan, Wm. M., 715 Eastern av
§Canton Lumber Co. (Kiln Dried N. C. Pine, Ga. & Va. Sizes), Boston c Chesapeake
§Carter, Hughes & Co. (Hardwood Mfrs.), 711 Eastern av
§Charshee, T. A. & Bro., 313 E Falls av
§Cockey & Co. (Inc.), 321 St. Paul
*Diil, Lewis & Co. (Pine, Cypress, Oak, etc.), 500 W Falls av
§Dorsey Lumber Co., Highland av & Phila. rd
§Edwards & Asendorf, East Falls & Eastern av
*Federal Lumber Co. (Hardwoods, Cypress & Yellow Pine), 11 Pleasant
§Gilbert, J. L. & Bro., c E Falls & Clinton avs
§Gill, Wm. D. & Son, 701 President
§Granger-Stubbs Lumber Co., 213 Courtland
§Helfrich, Geo. & Sons, 1040 W Balto
§Helfrich, John S., Union Trust bldg
*Horstmeier Lumber Co. (N. C. Pine), 305 E. Falls av
§Hoskins, J. S. Lumber Co. (Pine & Hardwood Lumber, Ties, Piling, Poles, Posts, Spars and Masts, Ship & Decking Timber, etc.), Marine Bank bldg
*Jackson, E. E. Lumber Co., Fidelity bldg
*Janies, N. W. & Co., 921 Aliceanna.
*Johnson Greenleaf Lumber Co., 715 Eastern av
§Knowles, J. W., 320 W Falls av
*Mann & Parker (Harwood), 210 W Falls av
§Matthews, Thos. & Son (Timber, Yeliow, White & Oregon Pine,, Cypress, Oak & California Redwood), Canton av & Albermarle
*Morgan Co., Atlantic Trust bldg
*Munroe & Co. (Hardwoods), 310 St. Paul
§National Lumber Co., 715 Eastern av
§Price, E. E. (Hardwood, Poplar & Logs, also Exporting, Mfrs.), Record bldg
§Price & Heaid (Hardwood), Mfrs. Record bldg
§Ringsdorf & Houff, 1944 Fk'd av
§Rowe, W. Lewis & Co., 600 President
§Ryland & Brooks Lumber Co. (N. C. & Ga. Pine & Hardwood), Fayette & North
*Shryock, Thos. J. & Co. (Pine, Hardwood, etc.), Shryock's Wharf
*Sloan, Geo. F. & Bro. (N. C. Pine & Flooring Mouldings, etc.), 414 Light
§Stirling-West Co. (Hardwood & Pine Exporters & Dealers), 11 S Gay
§Storck & Cook, 1066 N Front
§Stran, Chas. T. Co., 740 Eastern av.
*Surry Lumber Co., Merchants' Nat'l Bank bldg
*Walker & Myers, 117 Centre Market
§Waters, Geo. E. Co., 922 Park av
§Whitmer, Wm. & Sons, 107 E German
§Wiilson, M. M. Lumber Co., 501 E Falls av
*Womble. Pemrboke M.. Elliott c Patuxent
§Wood, Robt. E. Lumber Co., Continentai Trust bldg
BEAVER DAM—*McMasters & Lamberston (Saw Mill)
*Polk & Schoofield (Saw Miil)
*Tull & Drummond (Mfrs. & Crates)
BERTHA—*McLane, Samuel (Saw Mill)
BERWIN—*Rewley Bros. (Saw Miil)
BETHLEHEM—*Cheezum, Wm. (Saw Mill)
BOONSBORO—Boonsboro Fruit Package, Saw & Planing Mill Co.
BORING—*Osborn, Daniel (Saw Mill)
BROWNSVILLE—*Jennings, E. (Shingles)
BRUMMEL—*Storms, Monroe (Shingles)
CUMBERLAND—*Piedmont Lumber Co. (Hardwood)
*Smoose, Thos. F. (White Oak, Car, Lumber, etc.)
FRIENDSVILLE—*Bear Creek Lbr. Co. (See Phila., Pa.)
*Meadow Mountain Lbr. Co. (See Phila., Pa.)
SALISBURY—Adkins, E. S. & Co. (Lumber. Box Shooks & Shingles)
Burton, E. S. & Co. (Saw Mill)
Day, Wm. M. (Saw Mill)
*Jackson Bros. Co.
*Miller, W. B. & Co. (Lumber & Saw Mill)
Perry Bros.(Box Lumber)
Williams, C. E. & Co. (Saw Mill)
*Williams, L. E. & Co.

MASSACHUSETTS.

BOSTON—*Atlantic Lumber Co. (Hardware), 2 Kilby
§Barker, Wm. G., 10 Central
*Bartlett Lumber Co. (California Redwood Lumber & Shingles, etc.), 53 State
§Bearse, Mrs. Owen, 53 State
§Bearse, O. & Son Co., 401 Albany
§Benson, A. M., 112 Water
§Bickford, H. M. Co. (Popiar, Hardwood & N. C. Pine), 147 Milk
§Bigelow, W. H., 147 Milk
§Blacker & Shepard Co., 350 Albany
§Blanchard Lumber Co., 110 State
*Boice & Grogan Lumber Co. (Hardwood & N. C. Pine & Cypress), 4 Liberty sq
*Booth, J. R. (Lumber, House Finish & Packing Boxes), 153 Milk
§Boston Lumber Co. (Pine & Hardwood), 27 Kilby
§Boston Oak Pile Co., 27 Kilby
§Bristol Door & Lumber Co., 147 Milk
§Brown, W. F. & Co., 38 Kilby
§Butler, W. R. & Co. (Hardwood), 147 Milk
§Buzzell, E. H., 71 Kilby
§Chester, W. R. & Co., 17 Doane
§Clapp, Alfred, 26 Exchange pl
Clark, Geo. P. & Co., 11 Central
*Clark & Smith (Mahogany & Veneers), 231 Medford Chsm
Clough, B. F. & Co., 527 Main
*Conn. Valley Lumber Co., 89 State
§Crowell, Timothy (Commission), 144 State
§Cunningham Lumber Co., 53 State
§Curtis, Wm. Sons Co., 30 Eustis
§Curtis & Pope Lumber Co., 774 Albany
CYPRESS LUMBER CO. (Band Sawed Gulf Cypress, Long Leaf Yellow Pine, Poplar, Cottonwood & Interior Finish, etc.), 153 Milk
§Davenport, Peters & Co., 70 Kilby
§Dearborn, C. E., 797 Commonwealth av
§Export Lumber Co., 53 State
§Fuller, S. W., 482 Rutherford av
§Furber, Stockford & Co., 11 Doane
§Godfrey, L. N. Co. (Pine, Poplar & Maple & Oak Flooring), 19 Exchange pl
§Goldsmith, F. L. (Mahogany & Cabinet Wood), 19 Chardon
§Hammond, Edw. J. Co. (Hard & Soft Wood), 153 Milk
§Haskins, Wm. & Son, 110 State
§Hayford, A. W., 35 Kilby
§Holt & Stanley, 147 Milk
§Huckins, P. S. & Co., 45 Kilby
§Hurd, Jos. A. Tie & Lumber Co. (Pine, Hardwood Lumber, Cedar Shingles, Dock Timber, etc.), 84 State
§James, E. B. Lumber Co., 16 Central
§James & Abbot So., 141 Milk
§Johnson, L. S. & Co. (Mahogany & Cabinet Wood), 414 Albany
§Jones & Witherbee (Hardwood), 147 Milk
§Lamb, B. F. & Co. (Pine, Cypress & Hardwood, 516 Albany
§Lawrence & Wiggin (Ind. & Southern Hardwood & Imp. of Mexican Mahogany), 70 Kilby
Leatherbee, C. W. Lumber Co., 520 Albany
Leatherbee, John W. (Est.), 482 Harrison av
Leatherbee Tie & Lumber Co., 520 Albany
§Lexington Lumber Co., 95 Milk
§Litchfield, Wm. E. (Hardwood, Ties, Poles & Piling), 70 Kilby
§McQuesten, Geo. Co., 27 Kiiby
*Macauley, Geo. W. (Builders' Finish), 385 Albany
§Mansfield Lumber Co., 170 Summer
*Northern Lumber Co. (Vermont & Canadian Lumber, Hardwood, Clapboards, etc.), 170 Summer
§Noyes, Walter D., 147 Milk
*Palmer, Parker & Co. (Mahogany, Hardwood Lumber & Veneers), 103 Medford, Chsn
§Parker & Page (N. C. Pine, Cypress & Hardwood), 30 Lancaster
§Percy, Arthur S., 53 State
§Pond, E. G., W 1st opp F
§Pratt & Co., 35 Congress
§Proctor & Drummey, 433 Harrison av
§Richardson, A. H., Jr. (Spruce, Hemlock & Pine), 170 Summer
§Sawyer, E. D. Lumber Co., 166 Devonshire
§Shepard, Farmer & Co. (Hemlock, Spruce & White & Yellow Pine & Shingles, 131 State
§Shepard & Morse Lumber Co. (Cypress & Hardware), 1 Liberty sq
§Simpson, Jas. M., 230 Border
*Simpson & Co., 53 State
*Skillings, Whitneys & Barnes Lumber Co., 45 Kilby
***STEARNS, A. T. LUMBER CO.** Cypress, Yellow Pine, Ash & Other Wood, Doors, Sash, Blinds, Building, Trim Cabinet Work, Flooring, Shingles, Tanks, etc.), Neponset, & 166 Devonshire. (See adv. index, end of book)
§Stebbins, H. B. Lumber Co., 153 Milk
§Stetson, Cutler & Co., 70 Kilby
§Stone Lumber Co., 4 Liberty sq
§Sumner & Tuttle, 9 Doane
§Sweet, Clark & Co., 8 Exchange pl
§Treworgy, Wm. H., 53 State
§Walsh, Henry E. (Michigan White Pine & Hardwood), 112 Water
Weston, W. M. & Co. (Hardwood), 120 Milk
§Wiggin, H. D. (Hardwood), 89 State
§Wiley, Harker & Camp Co. (Kiln Dried N. C. Pine, etc.)
§Wood, A. W. & Co. (Hardwood, etc.), 51 Beverly
§Wood, Jas. A., 54 Kilby
§Wood, Wm. H. & Co., 911 Exchange bldg
§Wood-Barker Co. (Poplar, Cypress & Southern Pine), 53 State
CAMBRIDGE—Cambridge Lumber Co., 101 Main
Dix, E. R., 207 Mass av, N. C.
*Gale, Geo. L. Lumber Co.
Parker & Page, 40 1st, E. C.
Sawyer, E. D. Lumber Co., 24 Cambridge E. E.
Woods, Jno. M. Co., 223 Bridge E. C.
CHELSEA—*Emery, Geo. D. (Imported & Domestic Cabinet Wood & Veneers)
EASTHAMPTON—Connery, Jas. (Saw Mill)
EVART—*Davy & Co. (Shingles)
*Wait, F. S. (Saw Mili)
*Wilson Bros. (Saw & Shingle Mills)
FALL RIVER—§Allen, Frank L. & Co. (Lath, Shingles, etc.), 839 S Main
*Blossom, B. & Son (Hardwood, Pine, etc.), 29 Jesse
*Borden, Cook & Co. (all kinds), 650 Davol
§Borden, Guiney & Kendall Co. (Pine), 499 Rodman
Hindle, Thos., 1048 Pleasant
*Prosser, Wm. & Sons, 185 Pleasant
*Skinner, A. Homer (Shingles, Clapboards, etc.), 78 6th
FITCHBURG—Garno, W. A. Co. (Pine & Hardwood Lumber, Box Shooks, Builders' Finish, etc.)
Johnson, W. C., 109 Water
Lawrence, I. P., 117 Main
Priest, C. A. Lumber Co.
§Webber Lumber Co.
GARDNER—Wright, L. & Co.
GREENFIELD—Burnham-Todd Co.
Franklin County Lumber Co.
HOLYOKE—*Connecticut Valley Lumber Co. (Spruce, Lumber, Lath & Shingles)
Ely Lumber Co.
§Johnson, D. D., 7 Main
Merrick Lumber Co.
Ranger, Casper
LAWRENCE—§Bean & Poore
Lawrence Lumber Co.
Pingree, D. W. & Co.
LOWELL—§Beals, Horace P. (Hardwood & Southern Pine), 107 Merrimack
§Burnham & Davis (Shingles, Clapboards, etc.), 154 Western av
§Howe, Chas. E. & Co. (Shingles, Clapboards, etc.), 631 Dutton
*Pratt, Amasa & Co. (Veneered Doors, etc.), 766 Dutton
§Wiggins, Wm. H., 59 Franklin
MARBLEHEAD—Bowden, Thos. J. & Son (Saw Mill)
MILLBURY—Rice, A. W. & A. J. (Saw Mill)
MONSON—Mouiton, H. D.
Squier & Co.
PITTSFIELD—§Berkshire Lumber Co.
§Gale Lumber Co.
PRINCETON—*Bigelow, J. Elbert (Lumber & Saw Mill)
*Davis & Hadley (Lumber & Saw Mill)
Roper Box & Lumber Co.
Stuart, J. A. L. (Chair, Mfr. & Saw Mill)
Temple, Jno. H. (Chair Mfr. & Saw Mill)
RUSSELL—*Parks, E. D. & Co.
SOMERVILLE—§Foster, A. P. Lumber Co., 57 Dover, S. W.
Rice, W. P.

SPRINGFIELD—Angers Bros.
Bartholomew, C. A. (Saw Mill)
§Blodgett, E. A. Lumber Co.
§Currier, R. B.
§Dutton, A. C. Lumber Co. (Southern & Western Pine & N. Y. & Vt. Spruce)
§Morse, Fred'k S.
Rice, W. P.
§Rice & Lockwood Lumber Co. (Pine, Hardwood & Shingles)
§Robinson, Gain
*Springfield Lumber Co. (Shingles, Mouldings, etc.)
§United Lumber Co. (Pines, Hardwood & Shingles)
STOCKBRIDGE—*Comstock, S. W.
STOUGHTON—Southworth, L. H. (Saw Mill)
Stoughton Lumber Co.
SUDBURY—Johnson Lumber Co. (Saw Mill)
Pratt, Nathan L. (Est. of, Saw Mill)
SUTTON—Aldrich, M. A. (Saw & Shingle Mill), W. S.
Phelps, J. C. (Saw & Shingle Mill), W. S.
Shaw, Salem J. (Saw & Shingle Mill)
TOWNSEND—Adams, U. S. (Saw Mill)
Fessenden, B. & A. D. (Saw Mill)
Stickney, Clarence (Saw Mill), W. T.
Thompson, Jos. F. (Saw Mill), W. T.
TYNGSBORO—Flint, A. A. (Saw Mill)
Sherburne, W. A. (Saw Mill)
TYRINGHAM—Downes & Co. (Saw Mill)
Steadman, M. W. Saw Mill)
UXBRIDGE—Aldrich, G. M. (Saw Mill)
Harris, Wm. M.
WALPOLE—Clark, A. N. (Saw Mill)
Morse, H. A. & Co. (Saw Mill)
Tisdale, P. E. (Saw Mill)
WAREHAM—Gifford, Prince
Greer, E. K.
WARREN—Bridges, Geo. C. (Saw Mill)
Comins, Chas. H. (Saw Mill)
WARWICK—Gale, Appleton (Saw Mill)
Morgan & Sampson
Williams, J. A. (Saw Mill)
WEST STERLING—Buck, T. & E. R. (Chair Mfr. & Saw Mill)
WEST NORTHFIELD—Johnson Bros. (Saw Mill)
WEBSTER—*Goddard, J. & Co. (Saw Mill)
WESTBORO—*Bartlett, F. V. & Co. (Saw Mill)
*Fairbanks, Chas. A. (Saw Mill)
WEST BOYLESTON—Lowe, Harry (Saw Mill)
WEST BRIDGEWATER—*Davis, Daniel (Saw Mill)
*Ames, O. & Son (Saw Mill)
*Lyon, A. S. (Saw Mill)
WEYMOUTH—Loud, Reuben & Sons
WHATLEY—Adkins, A. L. (Saw Mill)
*Covill, Chas. A. (Saw & Shingle Mill)
WOBURN—Barker Lumber Co.
WORCESTER—§Arnold, F. O. (R. R. Ties & Saw Mill), 887 Mulbury
§Baker Lumber Co., 82 Foster
§Bicknell, J. F. Lumber Co., 16 Mulberry
§Gates', John Sons. 179 Union
§Sawyer, W. H. Lumber Co. (All Kinds), 66 Lincoln
*Stone & Foster Lumber Co. (Rough & Dressed), Union c Central
Worcester Box & Lumber Co. (Box Shooks, Packing Boxes, etc.), 13 Blackstone

MICHIGAN.

ADRIAN—*Lesh & Young Co. (Black Walnut, Oak, Ash, Elm, etc.)
ALDEN—*Bacon Bros. & Ayer (Hemlock & Hardwood)
ALANSON—Markham, M. S. (Shingles)
ALPENA—*Alpena Hoop & Lumber Co. (Lumber, Shingles, etc.)
Besser Mfg. Co. (Shingle & Stave Mill)
Besser-Churchill Co. (Shingle & Stave Mill)
*Churchill, W. L. & H. D. (Lumber & Saw Mill)
*Comstock Bros. (Also Bankers)
*Davison, Samuel A. (Shingle & Saw Mill)
*Eales Bros. & Co. (Shingles, etc.)
*Fletcher, Geo. N. & Sons (Lumber & Saw Mill)
Gilchrist, F. W. (Pine, Maple Flooring, Red Cedar Shingles, etc.)
*Hardy Lumber Co.
*Holmes & Nicholson (Lumber, Cedar & Hemlock Bark)
Luther, Peter H. (Shingles)
*Masters, Geo. & Co. (Shingle Mill)
*Richardson Lumber Co. (Lumber & Saw Mill)
*Sanborn, W. H. (Lumber & Cedar)
ARCADIA—Stark, Hy. Land & Lumber Co. (Saw Mill)
ARMANDA—Buckeye Stave Co. (Saw, Planing & Stave Mill)
ASHLEY—Chittenden, C. E. & Co. (Hardwood, Staves & Headings)
ASHTON—*Cobb, N. A.
Hallday, Frazier (Saw Mill)
McQuistian, J. H. & Son (Saw Mill)
ATKINSON—*Metropolitan Lumber Co.
AU GRES—Hemenway, Jason
AU SABLE—*Louds, H. M. Sons Co. (Pine & Cedar Poles)
BANNISTER—Letts & Galligan (Saw & Planing Mill)
BARBER CREEK—Bockes & Hewitt (Shingle Mill)
BARRYTON—Plato, Renwick & Co. (Saw Mill)
BATTLE CREEK—*Davis & Caldwell Co.
BAY CITY—Black & Fox (Pine & Hardwood)
*Bradley, N. B. & Sons (Lumber, Shingles, Lath & Box Shooks)
§Briscoe, B. H. & Co. (Planing Mill)
*Camphell-Brown Lumber Co. (Hardwood)
*Chesborough Bros.
*Clements, Wm. S. (Lumber, Lath & Shingles)
*Eddy Bros. & Co. (White Pine & Mill Work)
*Foss, E. B. & Co. (White Pine Lumber. Lath & Shingles)
*Godkin, John (Saw Mill)
*Hall, Edmund (Lumber, Lath & Shingles)
Kerr, Jos. (Hardwood)
*Kneeland, Bigelow Co. (Saw Mill & Hardwood)
*McGraw, Jos. W. (Lumber & Logs)
§MacQueen, W. W. & Co. (Cedar Poles, etc.)
§Maltby Lbr. Co. (Ties, Posts & Poles)
*Mengel, E. & Co. (Pine & Box Shooks)
*Mershon, Schuette, Parker & Co. (Planing Mill)
§Michigan Shade Roller & Box Co. (White Pine & Box Shooks)
§Nickless, W. H. (Box Shooks & Crates, Flooring & Car Planing)
*Ross, W. M. & Son (Hardwood)
§Ross & Wentworth (Lumber, Shingles & Lath)
*Spanish River Lumber Co.
Vance, E. J. Box Co. (Box Shooks)
Wentworth, J. & G. K. (Logs & Lumber)
***WOODWORTH, F. T. & CO., S.** Water
BAY MILLS—*Hall & Buell
*Hall & Munson Co. (Lumber, Moulding & Box Shooks)
BAY SHORE—Bay Shore Lime Co. (Lumber, Broom Handles, Staves & Heading)
BELLAIRE—Davenport, Wm. (Shingles)
*Morgan & Warner (Lumber, Lath Shingles, Bands & Pickets)
BENTLEY—Bentley & Co.
Burlingame, E. M. (Shingle Mill)
BENTON HARBOR—*Peters Lumber & Shingle Co.
Robbins, W. P.
*Stevens & Morton
BENZONIA—Case Bros. Lumber Co.
BERRIEN SPRINGS—Uline Mfg. Co. (Box Shooks & Headings)
BERTIE—Matt, Edw. (Saw & Shingle Mill)
BESSEMER—Lucia, Irving J. (Shingle Mill)
BIG ROCK—*Klooz, F. J. & Co. (Saw & Planing Mill)
BINGHAM—*Barker Cedar Co. (Cedar Products)
BLOUNT—*Blount, C. H. & Co. (Lumber & Cedar)
BOLTON—*Langlois & Robarge (Saw & Shingle Mill)
BOVEE—*Bovee, Robinson & Co. (Saw & Shingle Mill)
BOYNE CITY—Beardsley, A. J.
*Comstock & Jones (Shingle Mill)
*Dallavo, John & Son (Shingle Mill)
*Von Platen, Geo. (Lumber & Saw Mill)
*White, W. H. & Co. (Hemlock, Maple, Soft & Rock Elm, Basswood, Beech, Cedar, Shingles,, Tan Bark, etc.)
Wigle & White (Saw Mill)
BRITTON—*Temple, H. H. (Lumber & Shingles)
BRONSON—*Lisher Hoop & Lumber Co.
BRUCE CROSSING—Schmitt & Steinbrecher (Saw & Shingle Mill)
CADILLAC—*Blodgett, Cunimer & Diggins
*Cobb & Mitchell (Maple Flooring, etc.)
*Goldie, Jno. S. (Hardwood & Hemlock)
*Mitchell Bros. (Maple Flooring, etc.)
*Murphy & Diggins (Hardwood, etc.)
CALUMET—*Armstrong-Thielman Lumber Co. (Lumber, Lath, Shingles, Mouldings, etc.)
CAMDEN—*Chester, O. D. (Saw Mill)
CAIRO—*Forbes, W. A. & Co. (Planing & Shingle Mill)
CARROLLTON—(Sec Saginaw)
CASE—*Halahan-Sterling Mercantile Co. (Shingles)
CEDAR—*Sullivan, Jerry (Shingles)
CEDAR RIVER—*Spaulding Lumber Co. (Lumber, Lath & Shingles)
CENTRAL LAKE—Central Lake Lumber Co. (Staves, etc.)
CHARLESWORTH—*Harshey, N. (Shingles)
CHARLEVOIX—Charlevoix Lumber Co. (Hardwood, Hemlock & Pine)
CHARLOTTE—Huber, E. S. (Saw Mill)
Wildt, Wm. (Saw Mill)
CHASSELL—Sturgeon River Lumber Co.
CHEBOYGAN—*Clark, O. M. & Son (Lumber & Saw Mill)
§Embury, S. Harris
§Embury, Clark Lumber Co. (Wholesale)
*Littlejohn, L. (Shingle Mill)
*McArthur, W. & A. Co. (Wholesale)
*McLeod, Wm. (Shingle Mill)
*Nelson & Clark (Lumber & Saw Mill)
*Pelton & Reid (Lumber & Saw Mills)
*Quay & Sons (Shingle Mill, Wholesale)
CLARE—*O'Donald, C. H. (Pine & Cedar Shingles, Cedar Posts, etc.)
CLARENCE—*Nowlin Lumber Co.
COLEMAN—*Curtice, J. E. & Son
*Knapp & Cope (Lumber Staves, Shingles)
COLOMA—Wilmer, P. C. (Saw Mill)
COLUMBIA—Lockwood, Albert
CONWAY—*Lyon, W. C. & E. H. (Shingles)
*McFarlane Bros.
COOKS—*Tighe, E.
CORNING—*Rummels, Ell & Son
CROSSWELL—*Smith, S. C. (Lumber, Lath & Shingles)
CRUMP—*Davis Lumber Co. (Shingles)
DAGGETT—*Westman, G. H. Lumber Co.
DELRAY—*Ewing, W. B. & Son (Hardwood, Oak, Ship & Dredge Timbers)
DE TOUR—*Detour Lumber & Cedar Co.
DETROIT—*Alger, Smith & Co. (Long Pine Timber), Union Trust bldg
*Alger-Sullivan Lumber Co., Union Trust bldg
*Brownlee & Co. (Lumber & Telegraph Poles), Telegraph bldg
*Detroit Cedar & Lumber Co. (Ties, Poles & Lumber), Chamber of Com.
*Detroit Lumber Co. (Lumber & Saw Mill), Ft. Chene
*Dwight Lumber Co. (Maple & Oak Flooring, & Cigar Box Lumber, etc.), Rouge River & M. C. R. R.
*Forman, Thos. Co. (Maple & Oak Flooring, Bored & Matched)
*Grace Harbor Lumber Co. (Hardwood, White Pine, Norway, Hemlock, etc.), 1389 River
§Hornung, J. T., Cham. of Com. bldg
*Hunton, A. K., 88 Griswold
§Hunton, Myles & Weeks, 1013 Russell
§Kotcher, C. W., 639 Gratiot av
*Leech, Roche & Co., M. C. R. R. & 24th
*McArthur Bros. Co., Brady blk
*McClure Lumber Co. (Hardwood, etc.), 520 Franklin
*Manistique Lumhering Co., Union Trust bldg
*May, F. W. (Hardwood), Kanter bldg
*Miller, W. A. C. Lumber Co., Grand River & Warren avs
§Morley, Geo. & Co., ft of St. Auhin av
§Moyer & Montgomery, Majestic bldg
National Mfg. Co. (Slack Cooperage Stock for Flour, Cement, Lime & Sugar Barrels)
*Nester, Thos. (Est. of), Majestic bldg
*Ouellette, Thos. (Hardwood), 162 Griswold
*Pitts & Co. (Lumber & Lath), Campau bldg
§Richardson & Avery, Union Trust bldg
§Ross, Fred C., Cham. of Com. bldg
*Sibley, F. M. Lumber Co., Kercheval av & M. C. R. R. Belt Line
*Stephens, Henry & Co. (Norway Pine), Telephone bldg
§Stillwell & Co. (Lumber & Shingles), Stevens bldg
*Theisen, Michael J. (Saw Mill & Hardwood Lumber), 994 Scotten av
§Vinton Co., 126 Woodbridge
Weber, J. F. & Co. (Lumber & Planing Mill), 304 Gratiot av
§Wineman, Hy., Jr., 45 Buhl blk
DICKINSON—*Reiley & Sons
*Squier, F. W. (Saw & Shingle Mill)
DOLLARVILLE—*Danaher & Melendy Co.
DOWAGIAC—*Hislop, Wm.
§Judd, Mark & Son
§Lindsley, J. A. & Co.
EASTLAKE—*Peters, R. G. Salt & Lumber Co.
EAST JORDAN—East Jordan Lumber Co.
EAST TAWAS—§Anker, Sam'l (Lath & Shingle)
*Ottawa Hardwood Co.
EDMORE—*Pfeiffer & Burch (Shingles)
ELBRIDGE—*Hartwell, Benj. J.
ELKS RAPIDS—Elk Rapids Iron Co.
ELY—*Belding, Hall Mfg. Co.
*Caspar, S. M. (Shingle Mill)

EMERALD—Wilson & Co. (Saw Mill)
EMERSON—Chesbrough Bros. (Saw Mill)
EPOUFETTE—*Dority, Neil
Paquin, L. & Son (Saw Mill)
Sweet, C. G. (Saw Mill)
ESCANABA—*Corcoran, John
*Erickson & Bissell (Piling, Ties & Posts)
§Oliver, W. W.
*Pittsburg & Lake Superior Iron Co. (White Cedar etc.)
*Stephenson & Co.
ESSEXVILLE—Courval & Co. (Shingles)
EVART—*Railroad Tie & Lumber Co.
EWEN—*Hatfield, W. B. (Shingles & Lath)
*McRae, John (Lumber & Shingle Mill)
FARMINGTON—*Geoers, Fred & Son
FARNSWORTH—*Streeter Lumber Co.
FARWELL—Uptigraph, J. W. (Shingle Mill)
FERRY—Powers & Sons (Lumber & Lath)
FILER CITY—*Filer & Sons
FLAT ROCK—Metler & Sou (Saw Mill)
FORD RIVER—*Ford River Lumber Co.
FOREST CITY—Harmon, A. M. Lumber Co. (Saw Mill)
FOSTERS—Gillies & Son (Staves & Saw Mill)
FOUNTAIN—Foster, L. O. (Saw & Shingle Mill)
Nelson, Eli (Saw & Shingle Mill)
FANKENMUTH—Hubinger Bros. (Saw Mill)
Veitengruber Bros. (Saw Mill)
FRANKFORT—*Bellows Bros.
*Butler, Digby B.
*Hills, Henry A. (Shingles, etc.)
*Rosenbeck, K. S. & Son (Hardwood)
FREMONT—*Burns, Geo. & Son (Planing Mill)
*Dudley, H. J.
FREEPORT—*Fox & Sons
FULTON—Clippell, G. W. (Saw & Heading Mill)
GAGETOWN—Quinn & Fahrenkopf (Saw Mill)
GALIEN—*Bromer, Jacob Lumber Co.
GALT—Burkett & Son (Saw Mill)
GARTH—*Garth Lumber Co.
GAYLORD—*Buell, Frank
Hartwell, Rich'd (Saw Mill)
Humphreys Bros. (Planing Mill)
GLADWIN—Brown & Vanest (Saw & Planing Mill)
*McIlvenner, Jas. (Shingle Mill)
Mabie, Clark L. (Shingle Mill)
GOBLEVILLE—*Clement, J. L. Sons (Saw & Planing Mill)
GOOD HARBOR—*Schomberg Hardwood Lumber Co.
GRACE—*Grace Harbor Lumber Co. (Lumber & Shingles)
GRAND HAVEN—*Kilbourn, Silas & Co. (Lumber Cooperage Tubs & Kegs)
GRAND MARIAS—Manistique Lumbering Co.
*Marlas Lumber Co.
*Stone, Chas. E. (Lumber & Shingles)
GRAND RAPIDS—Allendale Timber Co., 235 S Market
Bacon Bros. & Ayer (Hardwood & Hemlock), Michigan Trust bldg
§Bacon, C. S. Co., Michigan Trust bldg
*Barrett, W. E. & Co. (Lumber, Lath & Shingles), Houseman bldg
*Dennis Bros. (Hardwood), Michigan Trust Co. bldg
Duprec, John & Co., 329 Taylor
Engel Lumber Co., Houseman bldg
*Foster-Winchester Lumber Co. (Hemlock & Hardwood)
*Fuller & Rice Lumber & Mfg. Co. (White Pine, Hemlock, Hardwood, etc.)
*Grand Rapids Bark & Lumber Co. (Bark, Hemlock & Hardwood), Michigan Trust bld
Halladay Lumber Co., 9th & G. R. & I. Ry.
*Hughart, W. O., Jr. (Hardwood), Michigan Trust Co. bldg
Letellier, F. & Co., 222 Canal
§McQuewan, Chas. (Hardwood & Mahogany), Trust Co. bldg
National Cooperage Co.
Stiles Bros., 1st av & M. C. R. R.
§Stockwell, M. E. & Co. (Hard & Soft Wood Lumber)
*Thompson, B. R. (Hardwood), Michigan Trust bldg
*Union City Lumber Co. (Lumber & Cross Ties), Grand Rapids, Mich., & Rothwell, Ky.
Van der Berg & Van der Veen, 149 Crosby
*Wagner & Co. (Pine & Red Cedar Shingles & Pine & Hemlock Lumber), Michigan Trust Co. bldg
§White & Fraint Lbr. Co., Mich. Trust bldg
*Winchester & Daniels (Pine & Cedar Shingles)
§Wolff-Morse Lumber Co., Michigan Trust Co. bldg
§Zipp Bros. (Hardwood), Houseman blk
GRAWN—Anthony, Henry
Crandall, D. E. & Son
GREENVILLE—*Foster, Juo. J. Lumber Co.
GULLIVER—White Marble Lime Co. (Shingle Mill)
GRAYLING—*Sailing, Hanson & Co. (White Cork & Norway Pine)
HAIRE—Moon, Fred (Shingle Mill)
HANCOCK—*Armstrong-Thielmau Lumber Co.
HARBOR SPRINGS—Kneale, Thos. (Saw Mill)
HARDWOOD—Anderson, P. J. (Timber)
*Parkinsou Cedar Co. (Shingles, Tees, Posts & Poles)
HARRIETTE—Fuller Bros. (Saw Mill)
HARRISON—*Wilson, W. H. & Sou (Lumber & Shingles)
HARRISVILLE—*Colwell, McGregor & Co. (Saw & Shingle Mill)
HART—Hart Cedar & Lumber Co.
HARTFORD—Walker, E. J. & Son (Saw Mill)
HASTINGS—*Bentley-Rider & Co. (Hardwood)
*Harper, J. S. & Co. (Lumber & Shingles)
*Hastings Woodworking Co., Ltd. (Hardwood)
HERMANSVILLE—*Bush, Wm. (Cedar)
*Leapet, H. E.
*Wisconsin Land & Lumber Co. (Hemlock & White Pine Lumber, White Cedar Shingles, Basswood Ceiling, Siding, Mouldings, Hardwood Flooring, etc.) Pine Lbr, White Cedar Shingles, Basswood. Ceiling, Siding, Mouldings, etc.)
HOLLAND—*Scott, Lugers Lumber Co.
HONOR—*Guelph Patent Cast Co. (Saw, Shingle & Tie Mill)
HUBBARDSON—Bennett, Chas. K. (Hardwood)
HUNTERS CREEK—Clark, J. & Son (Saw Mill)
INGALLS—*Corley, Ira (White Cedar Posts, Poles & Shingles)
*Jennings, L. A. & Son
IONIA—Greenup & Mead (Saw Mill)
IRON RIVER—*Northwestern Cooperage & Lumber Co.
IRONWOOD—*Scott & Howe
ISHPEMING—§Fairburn, C. T. (Mining, Timber, Logs, etc.)
*Read, F. W. & Co. (Large)
ITHACA—Naldrett, W. T. (Saw Mill)
JACKSON—*City Lumber Co.
*Heyser, S. & Son
*Heyser, Walker & Co.
*Lathrap, C. C.
*Peek, E. L.
*Smith & Adams
*Williamson, J. C.
JASPER—Coy, Oliver (Saw Mill)
KALKASKA—Kalkaska Lumber Co.
KENTON—*Sparrow-Kroll Lumber Co.
KINSLEY—*Box, Amos
*Case & Crotser
*Curdy, S. E.
*Dunn, Wesley
*Gibbs, L. K. & Son
*Mudgett, E. L.
LAKE CITY—Frey, Altou S. (Saw Mill)
LAKEVIEW—*Macomber & Ball (Lath & Shingles)
LAPEER—*King, Robt. (Lumber, Lath & Shingles)
LELAND—Schwartz, Jacob & Co. (Saw Mill)
LEWISTON—*Michelsou & Hanson
LUDINGTON—*Butters Salt & Lumber Co.
*Danaher & Melendy Co.
Ludington Novelty Co. (Carom Boards, etc.)
*Rath & Cartier (Lumber & Shingles)
LUPTON—*Bates, W. A. (Saw & Planing Mill)
M'BAIN—§Cromwell Lumber Co. (Hardwood)
MANCELONA—Wilcox & Zipp
MANISTEE—*Babcock Lumber Co.
*Buckley & Douglass Lumber Co. (Timber. Lath & Shingles)
*Canfield Salt & Lumber Co.
*Canfield & Wheeler (Lumber, Lath, etc.)
*Manistee Lumber Co. (Lumber, Lath & Timber)
*Sands, Louis (Pine, also Lath & Shingles)
*State Lumber Co. (Lumber & Shingles)
MANISTIQUE—*Chicago Lumbering Co.
*Peninsular Cedar Co.
*Weston Lumber Co.
MANTON—Johnson & Anderson (Saw Mill)
*Michigan Bark & Lumber Co.
Northrup, Martin (Saw & Planing Mill)
*Williams Bros. Co.
MAPLE RAPIDS—*Jones, Jas. E. (Saw Mill & Oar Mfr.)
MARINE CITY—*Lindon Bros. & Hunger
MARINETTE—*Marinette Lumber Co. (Basswood, etc.)
*Menominee River Lumber Co.
MARION—Wagner & Gilmore (Shingle)
MANSFIELD—*Mansfield Mill Co. (Shingle Mill)
MARQUETTE—*Read, F. W. & Co. (Lumber, Lath, Shingles, Pickets & Mouldings)
MARYSVILLE—*N. & B. Mills (Pine & Bridge Timber)
MAYFIELD—*Gibbs, A. A. (Saw & Shingle Mill)
Hardes, Geo. W. (Saw Mill)
MENDON—Engel & Wait (Saw Mill)
MENOMINEE—*American Lumber Co. (see Pittsburg, Pa.
*Burns & Hicks (Pine, Hemlock, Hardwood & Cedar Lumber, Lath & Shingles)
§Cameron, J. E. (Commissions)
*Clark, A. W. Lumber Co. (Match Blocks & Shingles)
Crawford Mfg. Co. (Boxes)
§Daley, D. F. (Cedar)
*Donovan & O'Connor (Lumber, Lath & Shingles)
*Girard Lumber Co. (Pine, Hemlock, Hardwood & Cedar Lumber, Lath, Pickets & Piling)
*Harding Shingle Co. (Cedar Shingles, Posts, Poles & Ties)
Holmes, Wm. & Son (Loggers)
*Huebel, C. J. & Co. (Lumber, White Cedar Poles, Posts & Shingles)
Kenyon Lumber Co.
*Kirby-Carpenter Co.
§Lindsley Bros. Co. (White Cedar Poles, Posts & Ties)
§McKinney, Geo. & Co. (Lumber, Piling, etc.)
§McPherson, Wallace (Wholesale)
§Martin, John M. (Piue, Hemlock & Hardwood)
*Menominee Bay Shore Lumber Co. (Pine, Hemlock, Hardwood & Cedar Lumber, Lath & Shingles)
*Menominee River Lumber Co. (Lumber, Lath & Shlugles)
*Menominee River Shingle Co. (Cedar Shingles)
§Northern Lumber Co. (Cedar Lumber, Wholesale)
Peninsula Box & Lumber Co. (Box Shooks & Boxes)
Raber & Watson (Cedar Ties, Poles & Posts), also Chicago
§Spies, August (Pine, Hemlock & Cedar Lumber, Lath & Shingles)
*Wells, John M. (Pine, Hemlock, Hardwood & Cedar Lumber, Lath & Shingles)
§Wolverine Cedar & Lumber Co. (Cedar & Lumber)
MERRILL—*Licken, Brown & Co. (Inc.) (Stone & Heading Mfrs.)
MESICK—Mesick, E. A. (Saw & Planing Mill)
MICHIGAN CITY—Larson, S. W. & Co. (Hemlock, etc.)
MIDLAND—*Brown, Chas.
MILLERSBURG—*Gardner, Peterman & Co. (Shingles & Cooperage Stock)
Hamilton, J. T. (Saw Mill)
Holihan & Sterling Mercantile Co. (Cedar)
Lewis, E. M. (Saw Mill)
Lister, Fred (Saw Mill)
*Mitchell & Co. (Hardwood)
MILLERTON—Squire, S. D. (Shingle Mill)
MONROE—§Sterling, W. C. & Son (Hardwood & Hemlock)
*Waters, A. H. & Co.
MORENCI—*Rice & George (Lumber & Headings, Cedar Poles, Cross Ties, etc.)
MT. PLEASANT—*Butcher, J. F. & Co. (Hardwood, Pine & Hemlock Lumber & Shingles)
MULLET LAKE—Rittenhouse, J. C.
MUNISING—*Forster Lumber Co.
*Loud, H. M. Sons Co. (Shingles, etc.)
*Peninsular Bark & Lumber Co.
*Sutherland-Innes Co. (Lumber & Cooperage)
MUSKEGON—*Alberts, Frank & Son (Mfrs. & Wholesalers of Lumber & Shingles)
Cresceut Mfg. Co. (Nail Keg Stock)
*Gow & Campbell (Mfrs. & Wholesalers of Lumber)
Gray Bros. Mfg. Co. (Interior Finish & Makers of Card Indexes)
*Hackley & Hume (see Minneapolis)
*Jones, Wm. R. (Saw Mill Mfrs.; Custom Work Only)
§Langeland Mfg. Co. (Planing Mill, Lumber & Box Shooks)
*Mann, Robt. K. (Planing Mill & Wholesale & Railroad Lumber)
*Munroe Mfg. Co. (Planing Mill & Box Shooks)
*Munroe & Brinen (Wholesale Lumber), Logs being mnaufactured by Custom Mills
*Thayer Lumber Co. (Saw Mills & Wholesale Lumber, Lath & Shingles)
NADEAU—*Nadeau Bros. (White Cedar & Hardwood)
NATHAN—*Worcester, C. H. & Co.

NEGAUNEE—*Johnson Lumber Co.
NESSON CITY—Tindle & Jackson (Saw Mill)
NILES—*Earl-Storms Co.
Lacey, S. & G. (Saw Mill)
NIRVANA—Krantz, Kuhns & Co. (Lath Mill)
NORTH ADAMS—Delano, C. H. & Co. (Lumber & Staves)
NORTH BRADLEY—Beamish, Thos. (Shingle Mill)
NORTHPORT—*Northport Lumber Co. (Saw & Planing Mill)
NORTH STAR—Sandusky Cooperage & Lumber Co.
NORTHVILLE—*Dubuar, J. A. Mfg. Co.
NORTH WILLIAM—Proboski, Nicholas (Saw Mill)
Soper, Wm. (Saw Mill)
Trowbridge, M. A. (Saw Mill)
NORWAY—*O'Callaghan Bros.
*Parmenter, E. L.
OGONTZ—Lucia & Schlesser Co. (Saw Mill)
OMARD—Clapsaddle, Wm. (Shingle Mill)
OMER—*Brooks, Chauncey D. & Co.
Clouston, Wm. R. (Shingle Mill)
*Gormie & Kent
*Squire & Sterling Mercantile Co. (Shingle Mill)
OSCODA—§Loud, H. M. & Sons Lumber Co.
ONAWAY—Apling, M. & Co. (Saw Mill)
Chandler Shingle & Tie Co. (Shingles & Ties)
Force & Dickinson (Staves, Heading & Hoops)
Gardner & Peterman (Staves & Heading)
Huron Handle & Mfg. Co. (Lumber & Broom Handles)
ONOTA—Schaffer, Chas. H. (Saw Mill)
ONSTED—Howard & Hand (Saw Mill)
ONTONAGON—*Groesbeck, L. & Son (Staves & Heading)
*McMillan, B. F. & Bro.
*Penegor Bros.
ORIENT—*Manley & Brandeberrie
OSCODA—*Hull & Ely
PAINT RIVER—Metropolitan Lumber Co. (Loggers)
PARKINGTON—Peninsular Cedar Co.
PARK LAKE—Bradford, Egbert C. (Saw & Stave Mill)
PELLSTON—*Belding-Hull Mfg. Co. (Lath & Saw Mill)
Bryant, J. (Lumber & Lath)
Casper & Sons (Shingle Mill)
Neilson, Edwin (Shingle Mill)
PENTECOST—Allhouse & Kimball (Saw Mill)
PENTOGA—Hood & Mahoney (Staves, Heading Lumber & Shingles)
PENTWATER—*Sands & Maxwell Lumber Co.
PEQUAMING—*Hebard, Chas. & Son (Saw & Shingle Mill)
PETOSKEY—*Benham, Geo. W. (Hardwood)
*Forman & Curtis (Maple Flooring)
*McManus, W. L. (Hardwood & Soft Lumber)
*Potter & Cooper Lbr. & Shingle Co. (Lumber & Shingles
PHELPS—Paton, Alex (Saw, Shingle & Lath Mill)
Peterson, N. P. & Co. (Saw Mill)
PICKFORD—McDonald, Jas. (Saw Mill)
McKee, Robt. (Saw Mill)
*Pickford Lumber Co.
PIERSON—Petrie, Chas. E. (Saw & Shingle Mill)
PLEASANT VIEW—*Johnson & Chapman
POMONA—Sexton, L. P. & Son (Saw Mill)
PORT HURON—Haynes, F. J. & Co. (Cedar)
POSEN—Vincent & Vincent (Lumber & Shingles)
POTTERVILLE—Potter, G. N. Co. (Saw Mill)
PRESCOTT—Cliff Mfg. Co. (Shingles & Lumber)
Keystone Milling Co. (Saw Mill)
PROVIDENCE—Grenden & Co. (Saw Mill)
Leister & Co. (Saw Mill)
QUINNESEC—Mellen & Cox (Loggers)
RABER—Acker, Geo. H. (Shingle Mill)
*Mud Lake Lumber Co.
RAPID CITY—Anderson Bros. (Saw Mill)
Clement, E. W. (Saw & Shingle Mill)
Rickers Bros. (Saw Mill)
St. Louis Hoop & Stave Co. (Hoops & Staves)
RAPID RIVER—Madden, Jerry Shingle Co. (Shingles, etc.)
RAVENNA—Tibbits, J. F. & H. J. (Saw Mill)
REDRUTH—*McDonald, George
REED CITY—*Gerber & Strable (Hardwood)
*Lowell Mfg. Co. (Headings, etc.)
*Rosenberg, A. & Son
Wenzel Bros. (Shingle Mill)
RICHVILLE—Frank & Schluckbier (Saw Mill)
RIVERDALE—Robinson, Jas. W. (Saw & Shingle Mill
RIVER ROUGE—*Brownlee & Co.
*Maltby Lumber Co.
*Perfection Mfg. Co. (Tooth Picks & Baskets)
*Salliotte & Furgason (Hardwood Lumber, Lath, Shingles & Long Bridge Timbers)
RIVERTON—Harley Bros. (Saw Mill)
ROCHESTER—*Klnzie, John M.
RONDO—Parks, Alfred (Saw Mill)
Pollock, Wm. & Son (Saw Mill)
ROSCOMMON—*Krump & Son (Shingle Mill)
Redhead, Jno. B. (Shingle Mill)
ROSE LAKE—Bathrick, D. P. & Son (Saw Mill)
Getchell, Frank (Saw Mill)
ROYAL OAK—Candler Bros. (Saw Mill)
SAGINAW—§Alderton, G. A. Lumber Co.
*Avery & Co. (Lath, Shingles, etc.), 309 Hayden
§Bliss, A. P., Merrill blk
§Bliss, A. T., 414 W Genesee av
*Bliss, C. S. (Flooring, Shingles, Lath, etc.), M. C. R. R. Crossings
*Bliss & Van Auken (Maple Flooring, Lath & Shingles), 1100 S Niagara
*Booth & Boyd Lumber Co. (Lumber, Lath, Shingles & Mill Work)
*Briggs & Cooper Co. (Pine, Oak, Ash, Cedar Shingles, etc.)
Burtt, E. R. Commsion Merchant), Mason bldg
§Crosby & Beckley Co. (Hardwood), 327 Fitzhugh
*Davis Lumber Co.
*Dorr, T. E., Bearinger bldg
Draper, J. D. (Commission Merchant), Eddy bldg
§Derry, Stephen S. (Hardwood, Car & Trade a Specialty)
*Eastman, S. L. & Co.
§Eddy, C. K. & Sons (White Pine)
Eddy & Glynn (Lumber & Logs)
§Fleischman, Jno. L. & Co.
§Fordney, J. W., Merrill blk
§Furstenberg Bros. & Co.
*Gardner, Peterman & Co. (Shingles & Cooperage Stock)
*Germain, Edw., Holland av
§Gilbert, W. H. (Hardwood & Norway Pine)
*Hardin, D. & Co.
§Hill, Arthur & Co., Ltd.
§Hunt, A. E., 120 N Baum
*Jackson, Thos. & Co.
McCarty, E. R. (Commission Merchant), 112 Genesee av
§McCormick, E. W., 1 McCormick blk
§Merrill, Chas. & Co.
§Merrill, Ring & Co., 7 Merrill blk
Mershon, Wm. B. & Co. (Lumber, Box Shooks, Shingles & Mill Work), Mershon Station
§Mershon, Schuette, Parker & Co. (White Pine)
*Morse Cedar Co. (Cedar Shingles, Ties, Poles & Posts, Norway & Hemlock Lath, Spiral Timber, etc.)
§Rupp & Kerr, Bearinger bldg
*Saginaw Hardwood Lumber Co. (Hardwood)
*Saginaw Lumber & Salt Co.
*Saginaw Mfg. Co.
Saginaw Specialty Co. (Cigar, Axle, Grease & Bail Boxes, Fruit Packages, Veneers & Novelties)
§Schuette, Wm. & Co.
§Slade, Lewis C.
*Thompson, Lamb & Co.
Wilson, A. E. & Co. (Commission Merchant)
*Wright, A. W. Lumber Co.
Wylie, J. T. & Co. (Slack Cooperage Stock for Flour, Sugar, Cement, etc.)
SAGOLA—*Sagola Lumber Co. (Saw Mill)
ST. CHARLES—Parsons & Holt (Half Round Shaved Hoops)
ST. IGNACE—*Connor & Bissell
*Jamieson, J. A. Lumber Co.
ST. JOSEPH—*Preston, W. A.
SPALDING—*Ross Bros. & Co. (Lumber & Shingles)
TALBOT—*Lillie Lumber Co.
SALLING—Hartnell, R. (Saw Mill)
*Michelson & Hanson Lumber Co.
SANDWICH—Michigan Mfg. & Mercantile Co. (Staves & Headings)
SANILAC CENTER—Dawson & McLean (Planing, Saw & Shingle Mill & Bee Keepers' Supplies)
SANTIAGO—Gardner & Peterman (Staves & Headings)
Welling, D. E. & Son (Saw & Shingle Mill)
SCHOOLCRAFT—*Fellows, Clark & Co. (Hardwood)
SEBEWAING—*Liken & Bach (Stable & Heading)
SELKIRK—Redman & Soul (Saw Mill)
SHABONA—Parrott, Jno. (Saw & Shingle Mill)
SHELBY—Dewey, Geo. E. (Saw Mill),
Getty, Chas. E. (Saw Mill)
SHERMAN—Butterfield, Martin J. (Lumber, Lath & Veneering)
Chadwick, Dan'l O. (Saw & Planing Mill)
Claggett, M. J. & Co. (Staves & Headings)
Orlando, D. Dean (Saw Mill)
SHERMAN CITY—Rogers, H. C. (Shingle Mill)
SIDNAW—*Booth, Jas. H. & Co.
*Mead Lumber Co.
*Prickett, Walter S.
SIX LAKES—McDonald, A. H. (Saw & Shingle Mill)
SLOCUM—*Foster-Winchester Lumber Co.
SOPER—Drayton & Seamans (Shingle Mill)
Johnson & Anderson (Saw Mill)
SO. ARM—*South Arm Lumber Co. (Hardwood & Hemlock Lumber & Cedar Shingles, etc.)
SO. BLENDON—Kunzie, Norman (Saw Mill)
Van Deer Meer & Timmer (Saw Mill)
SO. BRANCH—Ewings, L. A. (Saw Mill)
Gates, S. G. W. (Lumberman
Guilford, J. T. (Saw Mill)
*Malby Lumber Co.
Martin, C. E. (Saw Mill)
Martindale, Jos. (Saw Mill)
Monaghan & Bennett (Saw & Shingle Mill)
SO. MANITOU—Garden City Land Co.
SPRATT—Doyle, Thos. (Saw Mill)
Smith, H. W. (Saw Mill)
SPRING LAKE—*Cutler & Savidge Lumber Co.
STANTON—Willett, Jas. W. Saw, Shingle & Planing Mill Co.
STEAMBURG—Cleveland, Wm. (Saw Mill)
STEARNS—Gibbs & Kelsey (Saw Mill)
Smith, Z. E. (Saw Mill)
STEPHENSON—*Kezar, W. P. & Co.
STETTSVILLE—Falls, M. J. (Shingle & Saw Mill)
*Morey, W. J.
STRATFORD—Johnson & Hunt (Saw Mill)
*Thayer Lumber Co.
STURGEON BAY—Klise, A. B. Lumber Co.
TALBOT—*Lillie Lumber Co.
TALLMADGE—Root, W. S. & Son (Saw & Shingle Mill)
TALLMAN—Bockstrong & McGhan (Saw, Shingle & Lath Mill)
TANNER—Parks & Kelly (Shingle Mill)
Williamson, A. K. (Hardwood)
TEBO—Compo, J. W. (Saw Mill)
Jones, D. E. (Saw Mill)
Packard, Hillsworth (Saw Mill)
TECUMSEH—*Hammond, J. M. & Co.
TEKONSHA—Randall, A. H. Saw Mill Co. (Saw Mill)
Randall, Earle W. (Saw Mill)
TEMPLE—Bayliss, Cornelius (Shingle & Ties)
Dewey Stave Mill Co. (Shingles & Ties)
Dolph, C. L. (Shingle Mill)
McMillen, Alfred (Shingle Mill)
THOMPSON—F. & F. Lumber Co. (Saw Mill)
THOMPSONVILLE—Hyatt & Delaney (Saw Mill)
THORNVILLE—Hilliker, Theo. & Son (Saw Mill)
Miller, Geo. (Saw & Shingle Mill)
THREE OAKS—Phillips Bros. (Saw Mill)
THUMB LAKE—Beardsley, A. J. (Saw Mill)
Hayes, A. Fred & Co. (Saw Mill)
TORCH LAKE—*Cameron Lumber Co. (Lumber & Shingles)
TOWER—Banks, H. F. (Saw Mill)
*Barry & Finan Lumber Co.
*Kelley, James A. & Sons (Lumber, Lath & Shingles)
Keuchle, G. E. (Stave & Heading Mill)
TRAVERSE CITY—*Beitner, Wm.
*Dake, Danl, 3 H. & L. Merc. Co.
Desmond, F. C. (Hardwood)
*Fulghum Mfg. Co. (Flooring, Maple, End Matched, Steel Polished & Bored), 312 E 8th
Greilick, J. E. Co. (Lumber, Planing & Saw Mill)
*Kelley Shingle Co.
*Ott, John F. & Co., E. End Bay
TRUFANT—Hansen & Son (Shingle Mill)
Ingraham, H. (Saw Mill)
TURNER—Armstrong, Geo. D. & Co. (Shingle Mill)
Crescent Cooperage Co. (Saw, Hoop & Stave Mill)
Eymer, Myron H. (Saw Mill)
TUSTIN—Miller, Wm. B. (Saw Mill)
Stevens, Truman E. (Saw Mill)
Swanson, G. Abel (Saw Mill)
*Worden, Jas. H.
TWINING—Gardner, Peterman & Co.
*McCready, John
*Pollock, Elmer.
*Twining, F. L.
UNION CITY—*Boyer, A. J. (Hardwood & Pine)
*Maxon Mfg. Co. (Lumber & Hoop)
VAN—*Cobbs, Michael & McMann
Van Every Bros. (Shingle Mill)

VANDERBILT—Coon, F. J. (Saw Mill)
Olds & Hixson (Stave Mfrs.)
Smith & Jones (Shingle Mill)
Speigel, F. F. (Saw Mill)
*Whitmarsh, Dota
Yuill Bros. (Loggers)
Zickgraf Bros. (Saw Mill)
VAN'S HARBOR—Van Winkle & Montague (Lumber, Shingles & Pickets)
VERMONTVILLE—Fuiler Bros. (Saw Mill)
VICKSBURG—*Clapp Bros. Hardwood & Pine)
VIOLA—McArthur, A. B. & Co. (Pine, Cedar, Hardwood & Shingles)
VULCAN—*O. C. Lumber Co.
WACOUSTA—Danielis, C. R. & Co. (Saw Mill)
WALDRON—Abdakuska & Son (Saw Mill)
*Way, A. D. (Saw Mill)
WALTZ—Waitz & Ziegler (Saw Mill)
WASHINGTON—Priestop, A. W. (Saw Mill)
WATERS—Stephens Lumber Co.
WATERVLIET—Brown & Thompson (Saw Mill)
WAYLAND—*Clark, Arthur H.
WEADOCK—Smith, Jas. (Saw Mill)
Wolf, B. & Sons (Saw Mill)
WEBBERVILLE—Bement & Aiger (Saw Mill)
Stewart, A. T. (Saw Mill)
WEIDMAN—Adams & Acker (Shingle Mill)
Weidman, John S. (Saw Mill)
WELCH—Hudson & Donaldson (Shingle Mill)
WELLINGTON—Falling, John C. & Co. (Saw Mill)
WEST BAY CITY—*Bradley, Miller & Co.
*Crump Mfg. Co. (Box Shooks & Lock Corner & Printed Boxes)
§Eastwood & King
*Flood, John J.
Handy Bros. (Box Shooks)
*Hine & Co.
*Kern Mfg. Co.
*Michigan Land & Lumber Co.
*Ward Bros.
*Young, W. D. & Co. (Hardwood Lumber & Maple Flooring)
WEST BRANCH—Connors, Wm. H. (Saw Mill)
*Russell Bros. (Box Shooks)
*Squires & Sterling
Tolfee & Co. (Shingle Mill)
WEST CASCO—Fowler, H. A. & Con (Saw Mill)
WEST MILLBROOK—Hill & Son (Saw Mill)
WEST OLIVER—Marble Bros. (Saw Mill)
WETMORE—Acker, W. H. (Saw & Shingle Mill)
WEXFORD—Darrow, Evans & Co. (Saw Mill)
WHEATLEY—McHenna, James (Saw & Shingle Mill)
WHITEHALL—*Covell, Lyman T. (Lumber, Lath & Shingles)
*Nufer Cedar Co. (Lumber, Shingles & Tin Plate Boxes)
WILDWOOD—Ogden, Ream & Aussicker (Saw Mill)
WILLARD—Ittner, John P. (Saw Mill)
Trobridge, M. A. (Stave Mill)
Walter Bros. (Heading & Shingle Mill)
WILLIAMS—Williams Hoop & Heading Co.
WILLIAMSBURG—De Vries, A. J. (Saw Mill)
*White, Ralph D.
WILLIAMSTON—§Park & Heathman (Hard wood)
WILSON—Tuttle & Son (Shingle Mill)
WINDOM—Whitaker, F. H. & Co. (Saw & Planing Mill)
WINN—Clark & Rumberger (Planing Mill & Novelty Works)
Crane, J. W. (Shingle & Saw Mill)
Starkweather, Wm. A. (Shingle & Saw Mill)
WOLVERINE—Guelph Patent Cask Co. (Veneer & Hoop Mfrs.)
*Haak, J. A. & Sons
Harris, A. C. (Saw Mill)
WYANDOTTE—Burrell, D. H. & Co. (Stave Mfrs.)
YALMAR—June Bros. (Saw Mill)
Tuechette, Alfred (Saw & Shingle Mill)
YATES—Millison & Co. (Lath & Saw Mill)

MINNESOTA.

ADA—*Wild, Rice Lumber Co.
ALBERT LEA—*McCullough, A. & Co.
ARLINGTON—*Schmoli & Hilleman
ANOKA—*Reed & Sherwood
CARLTON—*Sauntry-Cain Co.
CLOQUET—*Cloquet Lumber Co. (White Pine Lumber & Saw Mill)
*Johnson-Wentworth Co. (White Pine Lumber, Lath & Shingles, Saw Mill)
Long & O'Brien (Loggers)
*Northern Lumber Co. (White Pine Lumber & Saw Mill)
DULUTH—Aiger, Smith & Co., Lonsdale bldg
†Ash, C. R., Lonsdale bldg
Bates & McDonald (Logs & Lumber), Exchange bldg
†Bradley, C. H. & Co., Palladio bldg
*Bradley-Watkins Co. (Lumber, Cedar Posts, etc.)
*Banker, E. J., 401 Lake av
*Burg, A. H., 112 E. Michigan
§Carney Bros. Co. (Ties, Posts, etc.), Burrows' bldg
*Clark-Jackson Lumber Co., ft. 27th av, W
*Cochrane, R. L., Gosnold on St. P. & D. Tracks
§Davis & Comstock, Manhattan bldg
§Day Bros. Lumber Co., Palladio bldg
Duluth Lumber Co., 364 Garfield av
*Duncan, Brewer & Co., Lyceum bldg
§Fee, J. W. & Co., Manhattan bldg
*Franklin Lumber Co., Lonsdale bldg
*Gilbert, F. L., Torrey bldg
*Hill, C. M. Lumber Co., Manhattan bldg, 609 E Superior
*Helmbach Lumber Co., 20 E. Railroad
*Hubbard & Vincent, ft. of 24th av, W
†Hunter, F. D. & Bro., Manhattan bldg
§Kelly-Howe-Thomson Co.
§Kent & Campbell, Providence bldg
§Lesure Lumber Co., Providence bldg
§Madden, J. H., Lyceum bldg
§Martin, L. B., 18 N 5th av
*Mashek Lumber Co., Manhattan bldg
*Merrill & Ring Lumber Co., St. Louis Bay ft. of Main
*Millen-Arnold Lumber Co., Lonsdale bldg
Mitchell & McClure (Lath, Staves & Heading), Lyceum bldg
§Norton Lumber Co., Manhattan bldg
Petruschke, C. J. (Box Shooks), W. D.
§Potter, G. A., Providence bldg
*Red Cliff Lumber Co., Torrey bldg
*Richardson & Avery, Lyceum bldg
*St. Louis Lumber Co., Providence bldg
*Scott-Graff Lumber Co., 2402 W. Mich.
†Shaw, P. M., Jr. & Co., Lyceum bldg
*Split Rock Lumber Co., St. Louis Bay, ft. Main
Sturgeon River Lumber Co. (Loggers)
*Swallow & Hopkins, Exchange bldg
†Swan, J. C., Providence bldg
†Williams, W. D., Mesaba block
Wilson, A. E. & Co., Palladio bldg
§Woodruff, C. B., Garfield av
ELK RIVER—*Elk River Lumber Co.
FRAZEE—*Commonwealth Lumber Co. (White Pine)
GRAND RAPIDS—*Backus-Brooks Lumber Co.
Dunning, J. H. & Co. (Loggers)
*Grand Rapids Mfg. Co.
*Knox, Lafayette
McAllister Bros. (Loggers)
Price Bros. (Loggers)
HASTINGS—Libby, R. C. (Saw Mill)
HIBBING—*McHardy, Peter
Stitt & Howe (Loggers)
LITTLE FALLS—*Pine Tree Lumber Co. (White Pine & White Cedar Posts, Shingles, etc.)
MAYNARD—*Maynard Lumber Co.
MELROSE—*Brooks, L. R. & Co.
MILACA—*Foley-Bean Lumber Co. (White Pine & Saw Mill)
MINNEAPOLIS—*Akeley, H. C. Lumber Co. (White Pine), Lumber Exchange
*Backus-Brooks Co. (White Pine), 3201 N 2d
§Bailey, Wm. C. (Hardwood), 600 Central av
*Bovey-De Laittre Lumber Co., 3d c 13th av
§Bowman, S. H. Lumber Co., Lumber Exchange
*Bradley-Watkins Co. (White Cedar, White & Norway Pine), Lumber Exchge.
*Brainerd Lumber Co. (Lumber, Lath & Shingles), Lumber Exchge.
Buswell, F. W., Lumber Exchge.
*Carpenter-Lamb Co. (White Pine), Andrus bldg
*Carpenter, W. I. Lumber Co. (Red Cedar Shingles, Siding & Finish Spruce & Fir), Lumber Exchge
*Coolindge, Marshall H. Co. (Hardwood), Guaranty bldg
§Curran, W. H. & Co., Lumber Exchge.
Curtis & Yale Co., Lumber Exch
§Dolliff, L. P. & Co., Lumber Exchge.
§Everts & Fall (Pine & Hardwood, Coast Lumber & Shingles, Ties, Piling, Posts, Poles, etc.), Lumber Exchange
§Fay & Morrison Lumber Co., Lumber Exchge
§Fullerton Lumber Co., Lumber Exch
§Gull River Lumber Co., Lumber Exch.
§Itasca Lumber Co., Lumber Exch
§Johnson, W. W. Lumber Co., Plymouth av c N 1st
§Lennan, Isaac P. (Hardwood & Pine Uppers), Lumber Exch.
§Lewis & Hughes, Lumber Exch.
McDonald, Jno. F. Lbr. Co. (All Kinds), Lumber Exch.
*McKnight, S. T. Co. (White Pine), Lumber Exch.
*McMullen & Co., ft 3d av, S. E.
*Minneapolis Cedar & Lumber Co. (Posts, Poles, Piling, Flooring & Shingles), Lumber Exch
Mississippi River Lumber Co., Kasota bldg
*Nelson-Tuthill Lumber Co. (White Pine), Kasota bldg
§Osborne & Clark (Hardwood), Lumber Exch
*Scanlon-Gipson Lumber Co. (White Pine), Lumber Exch
*Shevlin-Carpenter Co. (White Pine, Lumber, Lath & Shingles), 4th av North & the River
*Smith, C. A. Lbr. Co. (Crate Materials & Lumber), 44th & Lynndale av
*Waite, H. B. Lumber Co. (Pine & Red Cedar Shingles)
§Wilcox, Jno. F. (Lumber, Fence Pickets, Siding, etc.)
RED WING—*Betcher, Chas. Lumber Co. (Lumber & Mill Work)
RUTLEDGE—*Rutledge Lumber & Mfg. Co. (White Pine)
ST. PAUL—Bohn Mfg. Co. (Boxes, Shooks & Hdw. Mfrs.), Arcade c Wells
*Brennan Lumber Co., Pioneer Press bldg
*Brennan, Thos. Lumber Co., 412 Kittson
Brooks Bros., 1923 W Univ av
*Coast Lumber Co. (Lumber & Shingles), Nat. Ger.-Am. Bk. bldg
§Edwards & Westmacott, Manhattan bldg
§Edwards & Bradford Lumber Co., Manhattan bldg
Farrell, E. & Son, 511 E 6th
Gribben Lumber Co., 194 E 7th
*Hill, John C. Lumber Co., 95 E. 4th
*Jefferson & Kasson (White Pine, Lumber & Cedar Shingles), Nat'l G. A. Bk. bldg
*Martin, John Lumber Co., 217 Como av
*Mille-Lacs Lumber Co., G. N. Ry bldg
*Nolan Bros. & Laird (White Pine & Hardwood, also Lath & Shingles), Manhattan bldg
*Nolan, Frank A. (White Pine), N. Y. Life bldg
*Osgood & Blodgett Mfg. Co. (Hardwood Flooring, Box Shooks, Lumber & Mouldings), Duluth av n E 7th
*St. Croix Lumber Co. (Hardwood), 185 E Fairfield av
Transfer Lumber Co., 2080 Wabash av
*Villaume Box & Lumber Co. (Hardwood), Chicago av & Walter
*Weyerhaeuser & Co. (White Pine), Nat'l G. A. Bk. bldg
ST. HILAIRE—*St. Hilaire Lumber Co.
*Hershey Lumber Co.
SAUK CENTRE—*Ingram, Jas. (Saw Mill)
*Keller Mfg. Co.
STILLWATER—*Tozer, David (White Pine)
THIEF RIVER FALLS—*Thief River Falls Lumber Co.
TOWER—*Howe Lumber Co. (Lumber, Lath & Shingles)
Tower Logging & R. R. Co. (Loggers)
TWO HARBORS—*Two Harbors Lumber Co.
VIRGINIA—*Bailey, W. T. Lumber Co.
*Moon & Kerr Lumber Co. (White Pine)
WILLOW RIVER—*Atwood Lumber Co. (White Pine)
WINONA—*Bolcomb, H. C. & Co. (White Pine)
*Empire Lumber Co. (White Pine, Lath & Shingles)
*Laird, Norton Co. (White Pine)
*Morrison, J. W.
*Schroth & Ahrens (Doors, etc.)
*Winona Lumber Co. (White Pine)
*Youmans Bros. & Hodgins (White Pine)
WINTON—*St Croix Lumber Co.
*Swallow & Hopkins

MISSISSIPPI.

ABLE—Turner, Robt. V. (Yellow Pine)
ADDISON—Veach, W. C. (Yellow Pine & Hardwood)
ASKEWS—*Kennedy, Morelock Stave Co. (Staves, etc.)
BIGBEE—*Houston Bros. (Pine & Hardwood)
BILOXI—*Biloxi Lumber & Export Co.
BLACKBURN—*Phillips, R. S. Lumber Co. (Yellow Pine)
BOGUE CHITTO—*Brister, B. E. & Co. (L. Yellow Pine)
*Kelstone Lumber & Improvement Co. (Yellow Pine)

BOND—*North, J. E. Lumber Co. (L. L. Yellow Pine)
BROOKHAVEN—*Brookhaven Lumber & Mfg. Co. (Yellow Pine)
*East Union Lumber & Mfg. Co. (Yellow Pine)
*East Union Mills Co. (Yellow Pine)
*Hartman Lumber Co. (Yellow Pine)
*Hazlehurst Lumber Co. (Yellow Pine)
*Moreton & Helms Lumber Co. (Yellow Pine)
BRUSHY—*Bacon, D. C. Co. (Yellow Pine)
CHATAWA—*Stevens, A. W. Lumber Co. (Yellow Pine)
CHICORA—*Robinson Land & Lumber Co. (Yellow Pine, Timber & Rift Flooring)
COAT—*Bristow, J. R. (Rough & Dressed Yellow Pine)
COLLINS—*Hemphill, S. H. & Son (L. L. Yellow Pine)
*Williamsburg Lumber Co. (L. L. Yellow Pine, Bridge Timbers, etc.)
COLUMBUS—*Houston Bros. (Yellow Pine, Hardwood & Cypress)
CORINTH—*Ketchams Lumber Co. (Dressed)
CURRAN—*Arnold, J. T. (Rough & L. L. Yellow Pine)
DLO—*Strong River Lumber Co. (L. L. Yellow Pine, etc.)
EASTABUTCHIE—*Eastabutchie Lumber Mfg. Co. (Yellow Pine Ceilings, Car Sills & Bridge Timbers)
*Eureka Lumber Co. (Yellow Pine)
ELLISVILLE—*Ellisville Lumber Co. (L. L. Yellow Pine, etc.)
EPPS—*Carter-Nall Lumber Co. (L. L. Yellow Pine)
*Wilder, J. F. (Yellow Pine)
FERNWOOD—*Enochs Bros. (L. L. Yellow Pine)
*Fernwood Lumber Co. (L. L. Yellow Pine)
GLADE—*Mills, J. H. (Car Sills, Flooring & Timber)
GLOVER—*Knight Lumber Co. (Cypress, etc.)
GREENVILLE—*Leaveuworth, J. H. (Cypress)
GRIFFIN—Greenwood & Holmes Lumber Co. (L. L. Yellow Pine)
*Griffin Bros. (Saw Mill)
HATTIESBURG—*Brookhaven Lumber & Mfg. Co. (Yellow Pine)
*Newman, J. J. Lumber Co. (Yellow Pine)
*Pearl River Lumber Co. (Yellow Pine)
Toomer, B. T. Lumber Co. (L. L. Yellow Pine)
HAZLEHURST—Hazlehurst Lumber Co. (Yellow Pine)
Newman, J. J. Lumber Co. (Yellow Pine)
HOLLY SPRINGS—Leach-McNamee Land & Lumber Co. (Oak, Ash, Cypress, etc.)
JACKSON—§Council Lumber, Coal & Lime Co.
*Crescent Yellow Pine Lumber Co.
*Empire Lumber & Mfg. Co. (Yellow Pine)
*Enochs Lumber & Mfg. Co. (Yellow Pine)
*Newcomer Lumber Co. (Yellow Pine)
LAUREL—*Eastman, Gardiner & Co. (L. L. Yellow Pine)
*Kingston Lumber Co. (L. L. Yellow Pine, Mixed Carloads)
*Laurel Lumber Co.
LOGTOWN—*Weston, H. Lumber Co. (L. L. Yellow Pine)
LUCEDALE—*K. C. Lumber Co. (Yellow Pine)
LUMBERTON*Camp & —Hinton Co. (Yellow Pine)
*Chicago Lumber & Coal Co. (L. & S. Leaf, Yellow Pine, Bridge Timbers, etc.)
*Hinton Bro. Lumber Co. L. L. Yellow Pine)
M'HENRY—*Chicago Lumber & Coal Co. (L. & S. L. Yellow Pine, White Pine, Oak, Cypress, etc.)
*Gary-Fatheree Lumber Co. (Export & Bridge Timbers, L. L. Yellow Pine). gen'l offices. St. Louis, Mo.
M'LAURIN—*Dodgen & Garrett (Yellow Pine)
*Parker & Wilder (L. L. Yellow Pine)
MACOMB CITY—*White, J. J. (L. L. Yellow Pine, Kiln Dried, Dressed Flooring)
MEEHAN JUNCTION—*Meehan-Rounds Lumber Co. (Yellow Pine)
MERIDIAN—*Frost, Twigg Lumber Co.
*Grant, M. R. (L. L. Yellow Pine)
*Mitchell & Bowland Lbr. Co. (See Toledo. O.)
§Robinson, C. W. Lbr. Co.
MERRILL—Rose Lumber Co. (Yellow Pine)
MINTER CITY—*Hoyt-Woodin Co.
MISH—*McInnis & Logan Lumber Co. (L. L. Yellow Pine)
*Pine Lumber Co. (Yellow Pine)
MIZE—*Rowan, E. C. (Yellow Pine)
MOORHEAD—*Janes, H. S. & Co. (Ash & Oak)
MOSS POINT—*Dantzler, L. N. Lumber Co. (Yellow Pine & Rift Flooring)
*Denny, W. & Co. (L. L. Yellow Pine)
*Moss Point Lumber Co. (Yellow Pine)
*Robinson Land & Lumber Co. (Yellow Pine)
MT. OLIVE—*Mt. Olive Mill & Machine Co. Ornamental Wood Work)
*Mt. Olive Planing Mill Co. (Flooring, Ceiling, etc.)
NATCHEZ—*Learned, R. F. (Cypress)
NORFIELD—*Norwood & Butterfield Co. (Yellow Pine)
NUGENT—Reeves-Hopkins Lumber Co. (Long Leaf Yellow Pine)
ORA—*Easterling Lumber Co. (Yellow Pine)
*Ship Island Lumber Co. (Yellow Pine)
ORVISBURG—*Champion Lumber Co. (Yellow Pine, Mill Work & Timbers up to 60 ft. long)
PASCAGOULA—*Pascagoula River Mill (Yellow Pine)
PERKINSON—*Ten Mile Lumber Co. (Lumber, Yellow Pine & Saw Mill)
POPLARVILLE—*Herren, Lambert & Co. (Yellow Pine)
PURVIS—*Weems Lumber Co. (Rough Yellow Pine)
*Hand & Jordan (Saw Mill)
QUITMAN—*Mississippi Lumber Co. (Long Leaf Yellow Pine)
RALSTON—*Enon Lumber Co. (L. L. Yellow Pine)
RICHBURG—*Rich, C. W. (Yellow Pine)
SANFORD—*Sanford, J. L. (L. L. Yellow Pine)
*Ship Island Lumber Co. (Yellow Pine)
SARDIS—*Carrier, C. M. & Son (Hardwood Lumber & Bent Wood Work for Box Trade)
SAUCIER—*Nevers, J. R. & Co. (L. L. Yellow Pine)
SCRANTON—*Fansworth Lumber Co. (Yellow Pine)
Goutier & Sons (Yellow Pine)
*Luce & Jackson (Yellow Pine)
SEMINARY—*Connor Bros. Lumber Co. (L. L. Yellow Pine)
*Mason Lumber Co. (Yellow Pine)
*Smith, C. A. Lumber Co. (White Pine)
TERRY—Pierce & Gibbs (Saw Mill)
UTICA—*Utica Coffin & Lumber Co.
VICKSBURG—*Curphey, Wm. (Cypress)
WALDO—Hayes, T. H. & Son (Saw Mill)
WAYNESBORO—*Weatherbe Lumber & Mfg. Co. (Yellow Pine)
WELLMAN—*Keystone Lumber & Improvement Co. (Yellow Pine)
WIGGINS—*Finkbine Lumber Co. (Yellow Pine)
WILLIAMSBURG—Strahan, W. L. & Sons (Saw Mill)
YAZOO CITY—§Hamel, Wm. (Saw Mill)
Keystone Shingle Mill
*Linton Lumber Co.

MISSOURI.

ALBANY—Gillespie, Oliver
AMERICUS—Holtwick, J. J. & Bro. (Saw Mill)
ANNAPOLIS—Funk, Gus (Saw Mill)
ANNISTON—Brown, J. W. Mill Co. (Saw Mill)
ARNSBURG—Lacke, A. (Saw Mill)
BETHANY—*Miner & Frees
BIRCH TREE—Cordez-Fisher Lumber Co. (Missouri Soft Pine)
*Missouri Lumber & Land Exchange Co. (Yellow Pine)
BLOOMFIELD—Braunock (Saw Mill)
Brunon & Sitton (Saw Mill)
BRAYMER—*Epperson Saw Mill Co.
BOEUF CREEK—Panhorst, F. W. (Saw Mill)
BOONVILLE—Crandall. A. F. (Saw Mill)
BREWER—Nash, T. W. (Saw Mill)
BRUNOT—Midkiff, J. R. (Saw Mill)
BUCHANAN—Corbin & Kirk
BUCKEYE—Bement Lumber & Cooperage Co.
BYRD—*Kelly, L. L.
CADET—Crommer, Wm. (Saw Mill)
CAMPBELL—§Campbell Lumber Co.
§Paragon Land & Lumber Co.
CANTON—Canton Saw Mill Co. (Saw Mill)
CAPE GIRARDEAU—Cape Saw Mill Co. (Saw Mill)
*Indiana Lumber Co. (Hardwood)
*Leming, M. E.
*Leming & Lawson
CARDWELL—*Buckeye Lumber Co.
*Emigh, J. S. & Co.
Kernes, S. A. (Saw Mill)
*Olney Lumber Co.
Paul. E. L. (Saw Mill)
CARUTHERSVILLE—Harvey, C. P. (Saw Mill)
*Moark Land & Timber Co.
*Nicola Bros. Co.
Reynolds, S. P. (Saw Mill)
*Riverside Lumber Co.
Strother, J. D. (Saw Mill)
CASCO—Bablemeyer & Son (Saw Mill)
CHILLICOTHE—*Grace & Son
Hannibal Saw Mill Co.
*Saunders-Turner Lumber Co.
CLARKTON—*Gideon & Anderson
CLYDE—§O'Malley, James
COFFEYBURG—§Crossan, Milner & Frees
COLDWATER—O'Bannon & Matthews (Saw Mill)
COMMERCE—Jones, S. R. (Saw Mill)
COMO—*Columbus Grove Lumber Co.
*Ohio Lumber Co.
*Van Wert Lumber Co.
COVINGTON—Coleman, H. P. (Saw Mill)
CROSNO—Gutzweller, J. B. (Saw Mill)
DALTON—Berger, H. (Saw Mill)
DES ARC—*Graves, E. W.
Ruble-Suttou Co. (Saw Mill)
DE SOTO—§Russell, T. P. & Co.
DEXTER—*Hall & Frisbie Lumber Co.
Hammersley, Geo. (Saw Mill)
Lucas, H. W. (Saw Mill)
Norman, W. W. (Saw Mill)
Riddle-Hartz Mill Co. (Saw Mill)
DONIPHAN—*Doniphan Lumber Co. (Yellow Pine)
Eaton, Z. H. (Saw Mill)
Harmon, C. P. (Saw Mill)
DUDLEY—Gehlhauser, J. J. (Saw Mill)
Noyes & Roberts (Saw Mill)
Qualls Bros. (Saw Mill)
Thomas & Fettinger (Saw Mill)
Williams & Spicer (Saw Mill)
EAST PRAIRIE—*Montgomery, Stit & Pool (Saw Mill)
ELDON—*Harvey & Phillips
ELLINGTON—Redwell Bros. (Saw Mill)
ESSEX—Collins & Hux (Saw Mill)
FERN RIDGE—Blank, John (Saw Mill)
FLAT RIVER—*London Lumbering Co.
FREDERICKTOWN—*Fredericktown Lumber Co. (Yellow Pine & Oak Lumber & Mfrs.' Wagon Hubs)
GLASGOW—*Rall Bros. (Hardwoods, Native)
GLENALLEN—Wall & Co. (Saw Mill)
GRANDIN—*Missouri Lumber & Mining Co. (Missouri Yellow Pine)
*Missouri Lumber & Land Exchange Co. (Yellow Pine)
Missouri Timber & Tie Co.
GRAND PASS—Kramer, Levi (Saw Mill)
GREENFIELD—Hull, J. W. (Saw Mill)
GREENVILLE—*Halliday-Klotz Land & Lumber Co. (Yellow Pine)
Lesater, E. H. (Saw Mill)
GRIESEL—Minks Bros. (Saw Mill)
HANNIBAL—*Empire Lumber Co.
*Hannibal Door & Sash Co. (Mill Work)
HARRIS—Durman, L. C. (Saw Mill)
HARVIELL—*Mangold Stave & Lumber Co. (Lumber, Beer & Wine Casks, Staves & Headings)
Park Bros. (Saw Mill)
HENSON—Hendy & Hussong (Saw Mill)
HOGAN—Hollman Bros. (Saw Mill)
HUNTSVILLE—Sutliff, E. P. (Saw Mill)
JOPLIN—Crandall, A. F. (Saw Mill)
KANSAS CITY—*Antrim Lumber Co. (Yellow Pine)
*Black Bayou Lumber Co. (Yellow Pine)
*Bowman-Hicks Lumber Co. (Yellow Pine)
§Bowman, W. C. & Co.
§Bruce Lumber Co. (White & Yellow Pine)
§Badger Lumber Co.
§Barr-Dubach Lumber Co.
*Buchanan, Wm. (Yellow Pine)
§Bushnell, A.
*Carter, C. J. Lumber Co. (Yellow Pine & Cypress)
*Central Coal & Coke Co. (Yellow Pine)
§Chapman & Dewey Lumber Co.
*Clark & Bates Lumber Co. (Yellow Pine & Cypress)
*Connelly Hardwood Lumber Co. (Oak, Ash, Cypress, etc.)
§Creel, F. C. Lumber Co.
§Crescent Lumber Co. (Yellow Pine)
*Culver, Edw. W. Lumber Co., Hall bldg
§Deatherage Lumber Co. (White & Yellow Pine)
*Dierks Lumber & Coal Co. (Yellow Pine)
§Dierks & Sons Lumber Co.
*Foster Lumber Co. (Yellow Pine), Dwight bldg
*Gloyd Lumber Co. (Yellow Pine, etc.)
§Hope, Geo. D. Lumber Co. (Yellow Pine)
§Langville Lumber Co.
Lee & Lyman
*Leidigh & Havens Lumber Co. (Yellow Pine)
*Long-Bell Lumber Co. (Yellow Pine)
§Martin Lumber Co.
Mercantile Lumber & Supply Co.
Merrill, J. W.

*Missouri Lumber & Land Ex. Co. (Missouri Soft Pine)
*Norton Lumber Co. (Yellow Pine)
*Owl Bayou Cypress Co. (Louisiana Red Cypress Lumber, Shingles & Lath), K. & P. bldg
§Pacific Coast Lumber & Suppl yCo.
§Penrod Walnut Corp. (Black Walnut)
*Pickering, W. R. Lumber Co. (Yellow Pine). Mills, Pickering, La.
§Saunders, D. G. Lumber Co. (Yellow Pine & Cypress)
*Sawyer & Austin Lumber Co. (Yellow Pine)
§Schutte, S. Z., Grand av nr 25th
*Strong, Henry (Lumber, Lath & Shingles)
*Tombigbee Lumber Co. Yellow Pine)
§Tschudy, J. H. Hardwood Lumber Co.
§Vanderwoort Lumber Co.

KELSO—Diebold, Jno. (Saw Mill)
KENNETT—Moore, D. W. (Saw Mill)
KOELTZTOWN—Locke, M. (Saw Mill)
LAMAR—McLaughlin, W. A. (Saw Mill)
LEEPER—*Clarkson Saw Mill Co., (Mo. Yellow Pine Lumber)
LESTERVILLE—McHenry, J. C. (Saw Mill)
LINDERSVILLE—Weber & Hays (Saw Mill)
LOTTA—*Oden, Wilkinson & Co.
LOUISIANA—La Crosse Lumber Co.
McDOWELL—Dingler, Short & Co. (Saw Mill)
McGUIRK—Brehmer Bros. (Saw Mill)
MALDEN—Beucler Lumber Co. (Saw Mill)
*Spoonerville Lumber Co.
*Stokes, W. & W. S. (Shingles)
Turner, R. W. & Son (Saw Mill)
MARQUAND—*Russell, T. P.
MODENA—Smith & Son (Saw Mill)
MONTGOMERY CITY—Ferguson, Jas. (Lumber & R. R. Ties)
MOREHOUSE—*Himmelberger-Luce Land & Lumber Co. (Hardwood)
MOUNTAIN GROVE—Cover Lumber Co. (Saw Mill)
MOUNTAIN VIEW—*Pfenninghausen, R. W.
NAYLOR—Scott, A. O.
NELSON—Petry, Aug.
Petry, Lewis
NEW MADRID—*Mann Grandfio Land & Lumber Co.
Mishler, W. C. (Saw Mill)
ORAN—Jochim, B. (Saw Mill)
McLean Bros. (Saw Mill)
PACIFIC—Koppitz-Smith Mill Co.
PAULDING—Buckeye Lumber Co. (Saw Mill
PLATTSBURG—Devalle, Wm. E.
PINE TOP—*Taney County Lumber & Mining Co. (Yellow Pine)
POPLAR BLUFF—*Greason, A. E. & Co. (Hardwood, Piling, Ties, etc.), 252 Main
*Hargrove & Ruth
*Porter, J. V. Lumber Co. (Hardwood)
*Ruth, H. I.
PORTAGEVILLE—Haines, Sutherland & Co. (Saw Mill)
PORT HUDSON—Helling, Peter (Saw Mill)
POTOSI—Russell, W. A. (Saw Mill)
Smith, Chas. D. (Saw Mill)
ROCKVILLE—Meyer, Hy. (Saw Mill)
ROMBAUER—Shull-Peterson Lumber Co. (Saw Mill)
RUBLE—Clarkson Saw Mill Co.
ST. CHARLES—Dubach Lumber Co.
Hoehn, J. Phil
ST. GENEVIEVE—*Petrequin Bros.
ST. JOSEPH—§Badger Lumber Co., 6th & Penn
§Biles-Edward & Co., 1422 S 6th
Bruce, Jno. B., 502 Middleton
Case, Willard & Co., Ger.-Am. bldg
Chandler, J. H. & Co., Ballinger bldg
Dougherty & Moss Lumber Co., 10th & Mitchell av
Early, T. R. & Co., Pryor & Arizona av
§Fullerton Lumber Co., 8th & Patee
Nesbitt, F. J. Lumber Co., Ariz av
§Nold, C. H. Lumber Co., 1212 N 4th
§Ray, E. W. & Son, 802 S 7th
South Mo. Pine Lumber Co., 1st Nat'l Bank bldg
§Tennessee Cedar Lumber Co., Ger.-Am. Bank bldg
ST. LOUIS—§Abeles & Taussig, Commercial bldg
*Allen-Wadley Lumber Co. (Yellow Pine), 706 Chestnut
§American Hardwood Lumber Co. (Oak, Poplar, Ash, etc.), N Market n Levee
§Bagnell Timber Co., 706 Chestnut
§Banner Lumber Co., S Newstead & Duncan av
Barnes, G. H., 721 Olive
§Beckers, A. M. Lumber Co., Old Manchester rd & Shaw av
§Behrens Lumber Co., 319 N 4th
§Berthold & Jennings (Long Leaf Yellow Pine, Oak & Cypress Lumber, Bridge Timbers, Piling & Telegraph Poles), Chemical bldg
*Big Four Lumber Co. (Yellow Pine, Band & Gang Sawed, Flooring, Ceiling, Siding, Finishing, Case, Pickets, Mouldings & Dimensions), 313 N 9th
§Bloess Lumber Co., 19 S B'way
*Boeckeler Lumber Co., Branch & Hall
§Bonsack Lumber Co. (Hardwood), St. Louis av & Main
§Brewer, A. P. Lumber Co., 122 N 7th
*Buchanan, Wm. (Yellow Pine), 706 Chestnut
*Camden Lumber Co. (Yellow Pine), 721 Olive
*Chicago Lumber & Coal Co. (Yellow Pine, Oak & Cypress, Hemlock & Gum Lumber & Cedar, White Oak & Black Locust Poles, Posts & Pilings, Red Cedar, Cypress, & White Pine Shingles, White Pine, Cypress & Yellow Pine Lath), Fullerton bldg
Cole & Glass Mfg. Co., 1520 Market
§Collins, C. F. (Ties, Piling & Bridge), 313 N 9th
*Colonial Lumber & Timber Co. (Yellow Pine), 7th c Pine
Coulter, Horace P., 721 Olive
§Darlington Lumber Co., 2301 N 9th
*Degenhart, J. H. Lumber Co., 7428 Mich. av
*Detroit Timber & Lumber Co. (Long & Short Leaf Yellow Pine), Fullerton bldg
§Druhe Hardwood Lumber Co. (Hard Wood), c Main & Clinton
*Dubach, F. B. Lumber Co. (Yellow Pine), Fullerton bldg
*Eau Claire-St. Louis Lumber Co., 2505 S B'way
§Essig, Louis Lumber Co., 3412 Manchester av
*Farrington, H. P. & Co. (Yellow Pine & Cypress Lumber), 122 N 7th
*Ferguson, W. T. Lumber Co. (Yellow Pine) 706 Chestnut
*Freeman-Smith Lumber Co. (Yellow Pine), 7th c Pine
*Frost-Trigg Lumber Co. (Yellow Pine, either Straight or Mixed Cars), 305 N 6th
§Fry, R. M. Lumber Co., 220 N 4th
§Gaertner, Chas. A. (Commission Merchant), 807 N 4th
Ganahl, Fidel Lumber Co., 3339 S B'way
Ganahl, Jno. J Lumber Co., 2d c Park av
*Garetson-Greason Lumber Co., Rialto bldg
*Garrett, T. H. Lumber Co. (Yellow Pine), Olive c 8th. Mills, Keystone, Ark.
Giese & Henselmeier Lumber Co., 2515 N 9th
*Greyson-McLeod Lumber Co. (Yellow Pine), 405 N 6th
§Green, Christopher C., 406 Market
*Griffen, Geo. M. Lumber Co. (White & Yellow Pine, Oak, Cypress, Piling & R. R. Materials), 316 N 6th
§Gruner, Philip & Bro. Lumber Co., Cass av c 9th
§Hallett Lnumber Co. Hardwood), Fullerton bldg
*Harris, Loyd G. Mfg. Co. (Hardwood), Levee nr Barton
§Heim, Fred'k, 1328 Russell av
§Heinrichshofen & Lawrence Co., 1201 Market
*Heller, M. J. (All Kinds), 509 Chestnut
§Hogg-Harris Lumber Co., 706 Chestnut
*Holladay-Klotz Land & Lumber Co. (Yellow Pine Lumber & Shingles; also Oak Piling & Ties). 706 Chestnut
§Holmes, J. A. Lumber Co. (Michigan Lumber, White & Yellow Pine Flooring, Siding, Shingles, Lath. etc.; Poplar, Cherry, Ash, Walnut & Mahogany, Car & Bridge Timber Specialties), 1104 Spruce
§Holton, Jason M., 308 SN 6th
§Huie-Hodge Lumber Co., 122 N 7th
§Johanning Lumber Co., 1512 S 2d
*Kimball Lumber Mfg. Co. (Cypress & Oak). 405 N 5th
*Knapp, Stout & Co. (White & Yellow Pine Lumber, Lath & Shingles), Salisbury c Hall
§Koenig Lumber Co. (Hardwood), Main c Warren
§Koerner-Buder Lumber Co., 136 Lesperance
§Lang, August J. (Hardwood Lumber, Wagon Materials, Cottonwood a Specialty), Main c Tyler
*Liebke, C. F. Hardwood Mill & Lumber Co., 2d & Buchanan
*Little Lumber Co. (Hardwood), 125 N Market
Lotham Cypress Co. (Louisiana Red Cypress), Dock c Hall
*Luehrmann, Chas. F. Hardwood Lumber Co. (Oak, Ash, Poplar, Cypress, Cottonwood, Yellow Pine, Walnut, Maple, Hickory, Cherry, Sycamore, Gum & Wagon Stock), 148 Carroll
*Malvern Lumber Co. (Yellow Pine), Chemical bldg
§Marting, G. H. Lumber Co., 722 Cass av
§McCreery, I. N., 5390 Easton av
*Miles, Geo. W. Timber & Lumber Co. (Yellow Pine), Fullerton bldg
*Mississippi Valley Lumber Co. (Louisiana Red Cypress, Cottonwood, Gum, Oak, White & Yellow Pine Lath & Shingles, Railroad Timbers, Car Material, etc.)
§Milne, W. W., 319 N 4th
*Monarch Lumber Co. (Yellow Pine), 405 N 6th
Moore Lumber & Mill Co., Fullerton bldg
§Moore & Young, 510 Pine
§Mosberger-O'Reilly-Gram Lumber Co. (Hardwood), Main & Chambers
*Moss, T. J. Tie Co., Security bldg
§Naber's, Chas. Sons, 3732 N B'way
§O'Neil Lumber Co., B'way c Gratiot
§Ozan Lumber Co., 911 Locust
§Plummer Lumber Co., 3130 Hall
§Prendergast Lumber Co., 1101 N B'way
§Rehies-Rolfes Lumber Co., 12th & Gratiot
§Rice, W. G. Lumber Co. (Hardwood, Mont-g'y c Hall
†Robinson, E. C. Lumber Co., 4941 Eastonav
*Saginaw Lumber Co., 405 N 6th
*Saylor, H. N. Cooperage Co. (Apple Barrels & Apple Barrel Stock), 107 S 16th
†Schnelle & Querl Lumber Co., 4005 N Main
§Servoss, H. Lee (White & Yellow Pine), Wainwright bldg
§Smith, F. H. & Co. (Hardwood), 2600 N B'way
*South Arkansas Lumber Co. (Yellow Pine Lumber, Rift Flooring & Finish a Specialty), Fullerton bldg
*Southern States Lumber Co., Fullerton bldg
§Steele & Hibbard (Hardwood), 3129 N B'way
§Stewart, Alceee & Co., Main c Tyler
§Stewart & Alexander Lumber Co., 721 Olive
Strifler, C. E. (Poplar & Oak), Main c N Market
§Stuewe, H. B., 19 S B'way
*Summit Lumber Co. (Yelllow Pine)
*Swartz Lumber Co. (Yellow Pine), 122 N 7th
*Taney County Lumber & Mining Co. (Yellow Pine)
§Taussig, L. J., 520 Olive
§Teckemeyer & Wehinger Lumber Co., 2d & Wright
§Thomas & Proctz Lumber Co., 3400 Hall
§Tiger Tail Mill & Land Co., 705 Olive
*Toomer, B. T., Fullerton bldg
Van Cleave Lumber Co., 122 N 7th
§Vanderventer Lumber Co., 3910 Forest Park boul
§Verdin, Jno. N. (Hardwood), 319 N 4th
*Wachsmuth, H. Lumber Co., Olive c B'way
§Waldstein Lumber Co. Hardwood & Pine)
§Warner, E. H., 101 Marion
*Werner, Louis Saw Mill Co. (Oak, Ash, Poplar, Gum, Short & L. L. Yellow Pine, Cypress & Cottonwood), 122 N 7th
*Western Tie & Lumber Co., 313 N 9th
*Wilson Land & Lumber Co., Salisbury c Hall
§York-Key Mercantile Co., 308 N 6th

SMITHVILLE—Kent, W. H.
SPICKARD—Kincade, Cal.
SPRINGFIELD—Bruer, W. T. & Sons (Bridge Timbers, Posts, etc.)
*Pickering, W. R. Lumber Co. (L. L. (Yellow Pine)
STEWART—Spies, J. W. & Co. (Saw Mill)
TUSCUMBIA—Hanenstein, P. F. (Saw Mill)
TYLER—*Wheeler, J. A. & Co.
UNDINE—Wilmesher, F. A. (Saw Mill)
UNION—Vitt, A. A. & Co. (Saw Mill)
UTICA—Shafter Bros. (Saw Mill)
WAVERLEY—Kramer, Levi (Saw Mill)
White, S. J. & Co. (Saw Mill)
WAYNESVILLE—Kerr, W. C. & Sons (Saw Mills)
WHITING—*Ward Lumber Co. (Hardwood, Oak & Gum)
WILLIAMSVILLE—Chelton, C. W. (Saw Mill)
*Holliday-Klatz L. & Lumber Co. (Yellow Pine)
Markham & Duckert Bros. (Saw Mill)
WINONA—*Missouri Lumber & Land Exshange Co. (Yellow Pine)
*Ozark Land & Lumber Co. (Mo. Soft Pine)
*Winona Lumber Co. (Mo. Soft Pine)
WYATT—*De Field, D. E. & Son

MONTANA.

BONNER—*Big Blackfoot Milling Co.
BUTTE—*Anaconda Copper Mining Co. (Oak, Maple, etc.)
*Big Black Foot Milling Co. (Car & Bridge Timbers, etc.)

NEBRASKA.

HASTINGS—§Hansen Lumber Co.
§Oliver O. & Co.
JUNIATA—§Oliver & Bechtelheimer
KEARNEY—*Gilcrest, F. H. Lumber Co.
LINCOLN—§Dunn & Linn
*Foster, S. A. Lumber Co.
*Foster & Smith Lumber Co.
§Francis & Kincaid Lumber Co.
OMAHA—§Baker, J. L., First Natl. B'k bldg
§Bullard, Hoagland & Benedict (Hardwood)
§Cady, H. F. Lumber Co., Douglas c 6th
Chaffee, C. L. & Son, N. Y. Life bldg
§Chicago Lumber Co. (Mo. Soft Pine), 814 S 14th
§Dietz, C. N. Lumber Co., 1214 Farnam
§Guion & Ledwich, 1204 N 18th
§Hampton Lumber Co., 1242 S 16th
§Hoagland, G. A., 9th c Douglas
§Lee, C. R. (Hardwood), 901 Douglas
Nebraska Bridge Supply & Lumber Co., Bee bldg
Omaha Hardwood Lumber Co., California & 13th
SOUTH OMAHA—*Bradford-Kinsler Lumber Co. (White & Yellow Pine)
§Bradford, Louis Lumber Co.
Watkins, J. B. & Co.
VERDIA—Verdia Mill Co.

NEW HAMPSHIRE.

ALEXANDRIA—Patten, S. G. (Saw Mill)
ALSTEAD—Clark, F. W. (Saw Mill)
AMHERST—Cross, C. (Saw Mill)
ANTRIM—Hildreth, Wm. A. (Saw Mill)
Holt, Chas. F. (Saw Mill)
Poor, M. D. (Saw Mill)
Simonds, E. (Shingles, etc.)
ASHUELOT—*Dickinson's, A. Sons
AUBURN—Pingree, A. W. (Saw Mill)
BARNSTEAD—Drake, W. B. & Sons (Saw Mill)
BARRINGTON—Berry, J. F. & Son
BATH—Bath Lumber Co.
BELMONT—Weeks, Jno. H. (Saw Mill)
BENTON—*Kendall, Wm. (Lumber & Saw Mill)
Keyser, Jas. H. (Saw Mill)
BERLIN—*Berlin Mills Co.
*Blanchard & Twitchell Co.
BERLIN MILLS—Connecticut River Lumber Co.
BRADFORD—*Peaslee, D. G. (Saw & Shingle Mill)
Rand & Cheney (Box Shooks)
BRENTWOOD—Flanders, Chas. (Shingles)
Sanborn, Jos. W. (Saw Mill)
Smith, L. B. (Shingles)
CAMPTON VILLAGE—Hutchinson, F. A. (Saw Mill)
CANTERBURY—Dow, Jno. A.
CHESHAM—Russell, P. W. (Saw Mill)
CHESTER—Dale Bros. (Shingle Mills)
Goldsmith, N. W. (Shingles)
Morse, A. P. (Saw Mill)
CONTOOCOOK—Chase, F. H. (Saw Mill)
CONWAY—*Clark & Quint
*Merrill, O. B.
CRYSTAL—*Jackson, And'w
DANBURY—Farnum, Jno. F. (Saw Mill)
DAVISVILLE—*Davis, H. C. & H. J.
DOVER—Dover Lumber Co. (Wholesale Mfrs.)
Foss, D. & Son (Dealers)
Matthews Bros. (Dealers)
Seavey, J. F. Lumber Co. (Dealers)
DUBLIN—Moore Bros. & Knight (Saw Mill & Shingles)
DUNBARTON—Page, W. F. (Saw Mill)
EAST ANDOVER—Caldwell Bros. (Saw Mill)
Caldwell, H. D. (Saw Mill)
EAST ROCHESTER—Fisher, Albert (Saw Mill)
EAST SULLIVAN—Harris, W. H. (Saw Mill)
ENFIELD—Moody, A. L. (Saw Mill)
Morse, F. B. (Saw Mill)
EXETER—Dow, W. N. & Son
Fellows, Jno. H.
FARMINGTON—*Jenness Bros.
*Jenness, C. W.
Richardson & Hayes
FITZWILLIAM—Dunton, G. A. & Co. (Saw Mill)
FREMONT—Robinson, J. A. (Saw Mill)
GILMANTON IRON WORKS—*Hussey, Jno. P.
Hussey & Lord (Saw Mill)
GORHAM—*Libby, E. & Sons
GRAFTON—Morse & Cutting (Saw Mill)
GRANGE—*Amadon, Geo. M.
GRANTHAM—Burpee, M. P. (Saw Mill)
Reed & Buswell (Saw Mill)
GREENLAND—Brackett, S. S. (Saw Mill)
HAMPTON—Brown, F. B. (Saw Mill)
HAMPTON FALLS—Weare, B. F. (Saw Mill)
HINSDALE—Butler Bros. (Saw Mill)
Liscome, L. E. (Saw Mill)
HOLLIS—Hayden Bros. (Saw Mill)
HOOKSET—*Head, W. F. & Son (Lumber & Saw Mill)
*Thompson, Jas.
HOPKINTON—Boutwell, E. A. & Son (Saw Mill)
Crowell, H. H. (Saw Mill)
JEFFERSON—*Davis & Clark (Shingles)
*Rines, Mark
KEENE—*Stoddard Lumber Co.
LACONIA—*Cooks Lumber Co.
LANGDON—Bates, F. R. (Saw Mill)
LEBANON—Flanders, L. C. (Saw Mill)
LEE—Comings, W. J. (Saw Mill)
Lane, S. W. (Saw Mill)
Plummer, Dan'l E. (Lumber)
LINCOLN—*Dolloff, M. B.
*Henry, Jas. E. & Sons
LISBON—Bean, S. A. (Saw Mill)
LONDONDERRY—Kendall, E. C. (Saw Mill)
LOUDON—Lovering, F. G. (Saw Mill)
MANCHESTER—Clough, G. (Dealer), 24 Manchester
Head & Dowst Co., Granite & Canal
Hodge, J. (Dealer), 485 Elm
West Side Lumber Co., 168 S Main
MARLOW—Gee, G. F. (Saw & Shingle Mill)
Jefts, C. P. (Shingle Mill)
MEREDITH—Smith, Jos. F.
MILFORD—Gutterson & Burtt (Saw Mill)
*Peirce, W. E. & Co.
Ware, W. H. & Co. (Saw Mill)
NASHUA—Cook, F. D. Lumber Co.
*Roby & Swart (Box Shooks, Boxes, etc.)
Steele & Parker
Tolles, J. H. & Co.
NELSON—Tolman, E. C. (Saw Mill)
NEW MARKET—Dame Bros. (Saw Mill)
NEWPORT—Pollard, R. S. (Saw Mill)
NEWTON—Nichols, N. F. (Saw Mill)
Sargent, A. W. (Lumber & Saw Mill)
NORTH HAMPTON—Lamprey, D. J. (Saw Mill)
NORTH HAVERHILL—Bacon, Lafayette (Saw Mill)
French, N. W. (Saw Mill)
NORTH SANDWICH—*Prescott, Geo. H.
NORTH SUTTON—*Roby Bros. (Shingles)
NOTTINGHAM—Harvey Bros. (Saw Mill)
PARKHILL—Goodnow, E. J. (Saw Mill)
PELHAM—Coleman, J. N. & Son (Saw Mill)
Hillman, R. B. & Son (Saw Mill)
Jones, H. A. (Saw Mill)
PERCY—*Percy Lumber Co.
PIERCE BRIDGE—*Pierce, Jno., Jr.
PITTSFIELD—Evans & Page
RAYMOND—Batchelder, H. W. (Saw Mill)
Griffin, D. & Son (Saw Mill)
Healey, Jas. M. (Saw Mill)
REEDS FERRY—*Parker, Ward & Son
RICHMOND—*Amidon, Frank
Bowen, F. O. (Saw Mill)
Martin, Leason (Saw Mill)
RIVERTON—*Remick, D. R.
ROCHESTER—Berry, C. F. (Mfr.)
Clark, C. E. (Mfr.)
Folker Bros. (Lumber & Saw Mill)
Hall, E. E. (Saw Mill)
Langley, T. D. & Co. (Mfrs.)
Rochester Lumber Co. (Mfrs.)
Watson, E. A. (Mfr.)
RUMNEY DEPOT—Hardy, B. P.
*Herbert, H. W. (Shingles)
RYE BEACH—Jenness, C. A. (Saw Mill)
SALEM—McLaughlin, K. M. & Co. (Saw Mill)
SALISBURY—*Little, T. R. (Shingles)
Prince, C. H. (Lumber & Saw Mill)
SANDOWN—Sanborn, A. S. (Saw Mill)
SCOTT—*Clark, J. M. & Co.
SHORT FALLS—Tripp & Tennant (Saw Mill)
SOMERSWORTH—Frost, J. E. & Sons (Mfrs.)
Horne, J. R. (Mfrs.)
Matthews Bros. (Dealers)
SOUTH CHARLESTOWN—*Bowen, G. G.
SO. COLUMBIA—*Eaton & Sawyer
SO. DANBURY—Walker, Wells Shingle Mills
SOUTH HAMPTON—Morrill, R. H. (Saw Mill)
SOUTH KINGSTON—Bartlett, W. S. (Saw Mill)
SOUTH NEWBURY—Fowler Bros. (Shingle Mill)
SOUTH TAMWORTH—*Mason, W. N.
SOUTH WEARE—Nichols, H. R. (Lumber & Saw Mill)
STRAFFORD—Caswell, D. D. & Son (Saw Mill)
Waldron, C. W. (Saw Mill)
STRAFFORD BLUEHILLS—Perkins, Paul (Saw Mill)
STRATFORD—*Day, F. N.
*Dennis, D. H.
*Kimball, Wm. H.
SUNAPEE—Rowell & Young (Saw Mill)
SURRY—Scripture, H. W. (Saw Mill)
SUTTON—*Wadleigh & Keyser (Saw Mill)
SWANZEY—Stone, D. S. (Saw Mill)
SWIFTWATER—Drury, Chas. E. (Saw Mill)
THORNTONS FERRY—Upham, Jno. (Saw Mill)
TILTON—Jaquith, B. J. (Saw Mill)
Knapp, Geo. E. (Saw Mill)
UNION—Farnham, J. F. (Saw Mill)
Plummer, Geo. L. (Saw Mill)
WADLEYS FALLS—*Gledden, H. M.
WALPOLE—Adams, Chas. W. (Saw Mill)
Butterfield, O. J. (Saw Mill)
Colburn, W. A. & W. H. (Saw Mill)
WARNER—*Annis, Hy. (Shingles)
*Carroll, E. H. & Sons
*Clark, F. A. (Shingles)
*Davis, Martin & Co.
Ela, M. T. (Saw Mill)
Lunt, J. B. (Saw Mill)
WARREN—Jewell, M. H. (Lbr. & Saw Mill)
Park, W. R. (Lbr. & Saw Mill)
WASHINGTON—Dole, M. H. (Saw Mill)
Dole, W. W. (Saw Mill)
*Sargent & Proctor
WATER VILLAGE—*Thompson, S. J. & Son
WEBSTER—Burbank Bros. (Lbr. & Boxes)
WEST BRENTWOOD—Fellows, Russell (Saw Mill)
WEST CAMPTON—Moulton & Johnson (Saw Mill)
WEST CHESTERFIELD—Amidon, C. L. (Saw Mill)
Amidon, G. F. (Saw Mill)
WEST EPPING—Folsom, Thos. C. (Saw Mill)
True & Ham (Shingle Mill)
WEST SPRINGFIELD—*Putney, A. B. (Shingles)
WEST THORNTON—Moulton & Emmons (Saw Mill)
WESTVILLE—Peaslee, E. E. (Saw Mill)
WHITEFIELD—*Brown's Lumber Co.
WILTON—Livermore, Hy. H. (Saw Mill)
WINCHESTER—N. E. Box & Lumber Co.
WINDHAM DEPOT—Slaver, Geo. E. (Saw Mill)
WOODSVILLE—*Woodsville Lumber Works

NEW JERSEY.

CAMDEN—*Baird, David & Co. (Saw Mill)
Bennett, V. G., Lumber Co. (Saw & Planing Mill), 2d & Cherry
City Line Lumber Co.
Coles, C. B. & Sons Co. (Planing Mill), Front & Kaighn av
§Munger & Bennett (N. C. Pine), 111 N Delaware
Scudder, R. G. & Son
Smith, R. F. & Son, Federal & Cooper's Creek
Stockham, Chas. (Saw Mill), Vine & Delaware
FREDERICKTOWN—Straughen, B. W. (Saw Mill)
HOBOKEN—§Kortland, Hy., 60 Park av (Dealer)
§Yellow Pine Co., Hudson & 13th
JERSEY CITY—§Baldwin & Figueira, Garfield av & Grand
§Gardner & Rendall Lumber Co., 373 Central av
§Magee, H. F. & Co., 149 Bay
§O'Neill, Chas. H. (Est.), 108 Pavonia av
§Richards, J. & Sons, 80 1st
§Vanderbeek & Sons, Green & Steuben
§Woodstock Co. (Pine, Cypress & Hardwood), West Side av
KEARNEY—Blauvelt, I. H. & Co.
MT. HOLLY—Ewan, N. R. (Saw Mill)
Rossell, Wm. F. (Saw Mill)
NEWARK—§Ayres, A. B., 358 Ogden
*Backus, E. P. Lumber Co., 460 Ogden
§Bailey & Alling, Ogden ft. Clay
§Brohm & Buhl, 202 Badger av
§Clark & Co. (White & N. C. Pine), Rose c Jelliff av
§Crowell, Jas., Ogden ft. Cross

Essex Lumber Co., 200 Passaic
Glasby, J. F. Lumber Co., 5 Badger av
§Huey, M. S. Co., 135 Frelinghuysen av
Mundy, Hy. H., N. J. R. R. av n Astor
§Murphey-Hardy Lbr. Co., Passaic & 4th av
Oathout, Wm. J., 445 Broad
§Ripley, D. & Sons Lbr. & Timber Co., Commercial dock
§Schrafft, A. & Co., 61 Polk
§Stone & Hershey, 800 Broad
§Swain, A. W., 873 Broad
OCEAN CITY—Headley & Adams (& Plain Mill)
Smith, F. J.
ORANGE—Conover Jno. C.
§Matthews, A. M. Co., 68 Freeman
§Spottiswoode, Geo. & Co., 241 Wash'n
PASSAIC—§Anderson Lumber Co.
PATERSON—§Bensen, Richd., 112 R. R. av
§Beveridge Lumber Co., 217 Ellison
Florance Bros. Mfg. Co., 31 Godwin
§Hubbard, A. Lumber Co., Oregon & Gray
§Jackson, Chas. E. & Co., Clay & R. R. av
§Stiles, E. M., 223 Ellison
§Westervelt, J. H. Lumber Co., 210 Clay
PEMBERTON—Smith, J. N. & Bro.
PERTH AMBOY—Cutter, W. F. (Saw Mill & Ship Timber
Kinsey Bros. (Saw Mill)
PHILLIPSBURG—Laubach, Casper (Planing Mill)
PLAINFIELD—§Stevens, F. R. (Wash'n Red Cedar Lumber & Shingles)
ROCKAWAY—Stickle, B. K. & G. W.

NEW MEXICO.

ALAMOGORDO—*Alamogordo Lumber Co. (Spruce & Pine Lumber)
ALBUQUERQUE—*American Lumber Co. (of Chicago) (White Pine Lumber & Boxes)
ALCADE—*Brady, Buckheimer & Clark
BLAND—Rutledge, Jos. (Saw Mill)
CATSKILL—Smith & Bradford (Saw Mill)
CHILILI—Pablo, Chrispin (Saw Mill)
CHLORIDE—Saucier, John B. (Saw Mill)
CLAYTON—Lawrence Mercantile Co. (Saw Mill)
COONEY—Mogollon Gold & Copper Co. (Saw Mill)
DAWSON—French, Wm. (Saw Mill)
EASTVIEW—Spencer, B. B. & Co. (Saw Mill)
ESCABOSA—Dow, M. (Saw Mill)
FAIRVIEW—McDonald, Peter (Saw Mill)
Scales, Thos. (Saw Mill)
GUAM—Zuni Mountain Lumber & Trading Co. (Saw & Planing Mill)
GUILLON—Dailey & Adams (Saw Mill)
KINGSTON—Hagar, A. J. (Saw & Planing Mill)
LAS VEGAS—Henry & Sundt (Planing Mill)
MAGDALENA—Hughes, W. H. (Saw Mill)
MOGOLLON—Herrman, H. (Saw & Planing Mill)
MORA—Abeytha, A., Jr. (Saw Mill)
Meldenez, T. (Saw Mill)
PINOS ALTOS—Redstone Co. (Saw Mill)
RATON—Burnett, Frank (Saw Mill)
Crosdale & Love (Planing Mill)
Fulghum, E. W. (Planing Mil)
ROWE—Cooper, J. W. (Saw Mill)
SANTA FE—Hersch, P. (Planing Mill)
SAPELLO—Lujan, J. Y. (Saw Mill)
SENORITO—Jura Trias Copper Co. (Saw Mill)
SILVER CITY—Black & Atkins Co. (Planing Mill)
Grabe, Richard (Planing Mill)
Laizure, Wm. (Planing Mill)
Scott, O. L. (Saw Mill)
SPRINGER—Gray & Caldwell (Saw Mill)
TAOS—Anderson, A. C. (Saw Mill)
Hughes, Wm. (Saw Mill)
THORNTON—Skinner, L. (Saw Mill)
TRUCHAS—Truchas Lumber Co. (Saw Mill)
TWINING—Berry, J. W. (Saw Mill)
Young, B. J. (Saw Mill)

NEW YORK.

ACRA—Crapser, Hy. C. (Saw Mill)
ADDISON—*Park, Winton & True
Phillips, Chas. H. (Saw Mill)
AFTON—Barr Bros. (Saw Mill)
Church Bros. (Saw Mill)
AKRON—Jackson, T. W. (Saw Mill, Staves, etc.)
ALBANY—§Arnold & Co., Lumber District
*Burton, Wm. H. Co. (Hardwood & Mill Work), Colonie & N Lansing
§Easton, C. P. & Co. (Pine), 23 Lumber District
§Hubbell, C. T. & Co., 3 Lumber District
§Hughson & Co., 1 Lumber District
§Kibbee, A. S. & Son, 24 Lumber District
§Moore, R. H. & Zimmerman, 438 S Pearl
§Nichols, Chas. B., 14 Lumber District
§Patton & Co., 23 Lumber District
§Stephens, Thos. & Sons, 275 Lark
Thomson, L. Co. (Pine, Spruce & Hemlock), 14 Lumber District
Towner, S. B. (Agent), Bridge cor Mill
Welsh & Gray, 70 4th av
§White, D. L. & Co. (Pine, Spruce & Hemlock), 8 Lumber District
ALDEN—Milliman, E. A. (Saw Mill)
ALFRED—*Crandall, W. H. & Co. (Shingle Mill)
ALMOND—Humphrey, Chas. (Saw Mill)
ALTAMONT—Ottman, Jno. H. (Saw Mill)
ALTMAR—Herme & Buckley (Saw Mill)
Post & Henderson
ALTON—Buerman, Jno. (Saw Mill)
Burns, Sam'l T. (Saw Mill)
AUBURN—Bristol, Jno. S. & Son (Saw Mills)
*Howland & Clark (Pine, Hemlock & Hardwood)
BAINBRIDGE—Hayen, A. P. (Saw Mill)
Ireland, C. W. (Saw Mill)
Loomis, C. N. (Saw Mill)
Lyn, Frank (Saw Mill)
Lyon, Geo. L. (Saw Mill)
BAITING HOLLOW—Brown, E. L. (Saw Mill)
BALDWINSVILLE—Eilsworth, E. J. (Saw Mill)
BANGOR—*Plumb, W. H. (Shingle Mill)
BARKERSVILLE—Sherman, J. P. (Saw Mill)
BARNES CORNERS—Field, S. R. & Son (Saw Mill)
BARRYVILLE—Calkins, Oliver (Saw Mill)
BATH—*Jones, Bros. & Parker (Lumber)
BEAVER DAM—Tompkins, Jno. (Shingle Mills)
BENNETTSVILLE—Humphrey, Chas. J. (Saw Mill)
BENNINGTON—Zehler, M. F. (Saw Mill)
BERGEN—*Church, G. H. (Lbr., Saw & Planing Mill)
BERNE—Cheesebro, W. T. (Saw Mill)
BEST—Miller, C. R. (Saw Mill)
BIG FLATS—Johnson, Grover (Saw Mill)
Neidbardt, A. (Saw Mill)
*Roberson, Alonzo & Son (Lumber & Mill Work)
§Weed, J. B. & Co., McNamara bldg
BINGHAMTON—*Alaculsey Lumber Co.
*Bartlett & Co.
Beman & Co. (Boxes, Box Shooks & Key Heads)
§Bloomer, E. F. (Shingles, etc.)
§Ensign Lumber Co.
*Middlebrook, C. D. & Son, State e Lewis
§Lyons, A. J. Sons. 16 South
*Weed, J. B. & Co.
BLEEKER—Ernest, Frank (Saw Mill)
Peters, C. J. (Lumber)
Peters, Jacob M. (Lumber)
*Peters, John M., Jr. (Saw Mill)
Schamberger, Geo. (Saw Mill)
Smith, G. A. & P. M. (Saw Mill)
BLOCKVILLE—Green Bros. (Saw Mill)
BLODGETT'S MILLS—Utley, David (Saw Mill)
BLOOMVILLE—Cease, Stephen (Saw Mill)
BLUE MOUNTAIN LAKE—Merwin, T. M. (Saw Mill)
BOLIVAR—Mead, W. H. (Shingle & Planing Mill)
BOLTON—Ward & Roberts (Saw Mill)
BOONVILLE—*Pratt, Chas. W.
BOSTON—Gasper, John W. (Saw Mill)
BOYTONVILLE—Kautz, Chas. (Saw Mill)
BRAINARD—Haywood, D. E. (Saw Mill)
BRANT—Calkins, Milford (Saw Mill)
Sheffin, Wm. (Saw Mill)
BRASHER FALLS—Church, Elmon (Saw Mill)
BROADALBIN—Smith, Denton (Saw Mill)
BROCKPORT—*Luther, G. & Son (Lumber)
BROKEN STRAW—Barket, C. T. (Saw Mill)
Cornell, O. F. (Saw Mill)
BROOKTON—White, D. M. (Saw Mill)
BURLINGTON FLATS—Chapin, I. C. & Son (Cheese Boxes)
BURRS MILLS—Todd, Edw. (Saw Mill)
BUTLER CENTER—Potter, Jas. H.
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—§Bartholomew, Edw W., Prudential bldg
§Betts, Chas. M. & Co. (Pine, Cypress & Shingles), Hertel av & Niagara River
§Bowman Lumber Co., Mooney bldg
*Buffalo Hardwood Lumber Co. (Hardwood), 940 Seneca
*Buffalo Maple Flooring Co. (Maple & Oak Flooring), Chicago & Mackinaw
§Curtis, Walter L., White bldg
*Elias, G. & Bro. (Pine, Hemlock & Hardwood Flooring), 965 Elk
*Empire Lumber Co. (Hardwood), 1142 Seneca
*Emporium Lumber Co. (Hardwood), Ellicott sq
*Goodyear Lumber Co. (Penna. White Hemlock), 960 Ellicott sq
§Haines Lumber Co. (Shingles, Pine & Red Cedar Lumber), 255 Erie
*Holland, Graves, Manbert & George, ft Hertel av
§Hummell, Henry, Builders' Exchange
§Hurd Bros. (Lath, Shingles & Timber), Ellicott sq
§Hurd & Hauenstein (White & Norway Pine), 848 Ellicott sq
§Jackson, Geo. E., White bldg
§Laidlaw, R. Lumber Co. (White Pine, Lumber, Lath & Shingles), Ohio Basin
*Leslie, D. Y., 92 River
§McLean, Hugh & Co. (White Ash & Hardwood), 1074 Seneca
*McNeil Lumber Co., Prudential bldg
§Mason, Edward Z., 102 White bldg
§Mixer & Co. (Mich. White Pine), 287 Elk
*Montgomery Door & Box Co. (Yellow Pine & Hardwood), Court & Wilkeson
§Noyes, John S. (White & Norway Pine), 274 Delaware av
Reilley, W. W. & Bro., 402 Mooney bldg
§Sawyer & Shuttleworth, 1002 Ellicott sq
Scatcherd & Son (Hardwood), 1053 Seneca
Sullivan, T. & Co. (Hardwood; specialty, Ash & Elm), 50 Arthur
§Taylor & Crate (Hardwwood), Prudential bldg
*Tindale & Jackson (Slack Cooperage Stock & Cooperage Supplies), 1318 Niagara
§Underhill, D., Jr., & Co., Erie Co. Bk. bldg
§Wheeler-Holden & Co. (Hardwood, Erie Co. Bank bldg
*Wilcox, R. F. & Co. (Hardwood), 503 Ellicott sq
BURNHAMS—Burnham, H. (Saw & Planing Mill)
CALLICOON—Well, Peter (Saw Mill)
CAMPBELL—Fuller, Floyd (Saw Mill)
CANAJOHARIE—Cole, Lewis H. (Saw Mill)
CANANDAIGUA—Freshour, G. D. (Saw Mill)
Garratt, Wm. (Saw Mill)
CANDOR—Booth, J. F. & T. S. (Saw Mill)
Ryan, John H. (Saw Mill)
CANTON—*Buck's Bridge Lumber Co. (Spruce, Hemlock & Pine)
*Spears, James (Lumber)
*Wells, Reuben T.
*Wells & Bird
CARLISLE—Brown & Bauder (Saw Mill)
CARTHAGE—*Carthage Lumber Co.
CASSADAGA—Landers, Fisher & Co. (Saw Mill & Basket Mfrs.)
CASSVILLE—Carpenter, W. H. & Son (Saw Mill)
CASTERLAND—Barnes, E. H. Co. (Box Shooks, etc.)
CASTILE—Elitsac Mfg. Co. (Planing Mill, Wooden Toys & Novelties)
CATSKILL—Post, Amos (Saw Mill)
CAYWOOD—*Caywood, J. C.
CENTRAL BRIDGE—Ottman, M. C. (Saw Mill)
CENTRALIA—Littlefield, Sidney (Saw & Shingle Mill)
CEROS—*Van Wormer, F. M.
CHAFFEE—Eddy, F. E. & Co. (Saw Mill)
CHARLOTTE—*Upton, E. M.
CHARLOTTE CITY—*Kimball, H. E. (Lumber, Headings, Cheese Boxes, etc.)
CHARLTON—Dawson, Geo. H. (Saw Mill)
CHASE MILLS—Fabare, F. P. (Saw Mill
CHATHAM—Haviland, R. S. & Son (Staves)
CHENINGO—Hollister & Bryant (Saw Mill)
CHERRY CREEK—Chase, H. S. (Saw Mill)
CHESTERTOWN—Swain Bros. (Saw Mill)
CINNINATUS—White, Stephen (Saw Mill)
White, Wm. G. (Saw Mill)
CLARKSBURG—Smith, J. H. (Saw Mill)
CLYMER—*Bard, H. C. (Saw & Shingle Mill)
*Denink Bros. (Shingle Mill & Baskets)
CORTLAND—§Peck Bros. (Lumber)
CRANDALL CORNERS—Eddy, Chas. H. (Saw Mill)
CROGAN—Farney, J. F. (Lumber & Saw Mill)
Steiner, Jos. (Saw Mill)
CROPSEYVILLE—Smith, Paul (Est.), (Saw Mill)
CUBA—Ackerley, Sill & Co.
*Phelps & Sibley (Hardwood, Lumber & (Shingles)
*Rowley, W. M. & Co. (Shingle Mill)
CUTTING—*Case, H. R. (Lumber, Shingles, etc.)
CUYLER—Spicer, A. P. & Son (Saw Mill)
DALTON—Van Nostrand, Wm. (Shingle Mill)
ELLENVILLE—§Cox Bros. (Hardwood, Ties & R. R. Timber)

ELLICOTTVILLE—Ellicottville Milling Co. (Saw Mill)
Potter, C. B. (Saw Mill)
Wentz, John (Saw Mill)
ELMIRA—*Doane & Jones Lumber Co. (Car Trade a Speciaity)
FREDONIA—*Fredonia Lumber Co.
GALLUPVILLE—Haverly, E. H. & Bro. (Saw Mill)
GALWAY—Seabury, John H. & Son (Saw Mill)
GARFIELD—Atwater, W. H. (Saw Mill)
GARRISON'S—Horton, James E. (Saw Mill)
GEORGETOWN—Brown & Co. (Saw Mill)
Pease, E. W. (Saw Mill)
GLENS FALLS—*Finch, Pruyn & Co.
*Freeman, F. H.
*Giens Falis Co.
*Kendrick & Brown Co.
*Morgan Lumber Co. (Pine, Spruce & Hemlock)
GLOVERSVILLE—§Burr Bros. (Lumber & Saw Mills)
De Golyer, Willard (Saw Mill)
*Hoiden, Chas. J. (Lumber)
Peck, Albert T. (Saw Mill)
GOSHEN—§Sandford, N. H. (Est. of)
GREENWOOD—Slocom, W. O. (Shingles & Cheese Boxes)
HAGEDORNS—Sowle, L. D. (Saw Mill)
HALCOTT CENTER—Fellows, J. D. (Saw Mill)
Van Valkenberg, Aiex. (Saw Mill)
HALLSVILLE—Van Siyke, D. S. (Saw Mill)
HAMMOND—Jones, Wm. (Saw Mill)
HARTWICK—Murdock & Bresee (Saw Mill)
HARFORD MILLS—Perkins, W. A.
HARKNESS—Sherman & Allen
HARRISVILLE—Austin, Orville (Saw Mill)
Kimball & Moore (Saw Mill)
Loadwick, Burton (Saw Mill)
HASTINGS—Smith, H. A. (Saw Mill)
Switz, J. H. (Saw Mill)
HERMON—Fairbanks, R. J. (Saw Mill)
HILLSDALE—Malleny, W. A. (Saw Mill)
HOLLAND—Griggs, J. N. & Son (Saw Mill)
HOMER—Rice, Frank (Saw Mill)
HOUSEVILLE—Morgan, G. G. (Saw Mill)
HOWARD—*Howard Lumber Co.
HOWES CAVE—Casper, Geo. (Saw Mill)
INDIAN LAKE—*McGinn, Jno.
Ovitt, P. P. (Saw Mill)
INLET—*Adirondack Cooperage Co. (Hard & Soft Lumber, Shingles, Staves, Heading & Head Linings)
JAMESTOWN—§Ross Lumber Co. (Hardwood)
LITTLE FALLS—La Due, Danl. W. (Saw Mili & Cheese Boxes)
LOCKPORT—Graham & Turner (Crates)
*Little, J. W. & Sons (Stones & Headings)
MAPLES—Warren, Wm. (Saw Mill)
MARATHON—Burgess, Jas. S. (Saw Mill)
MARIAVILLE—Bronk, Abram. (Saw Mill)
Waipoie, D. W. (Saw Mill)
MARYLAND—Burnside Bros. (Saw Mill)
Darling, A. H. (Saw Mill)
Lampman, Jno. (Saw Mill)
MASONVILLE—Gardner, Andw. (Saw Mill)
MASSENA—Massena Mill Co. (Saw & Shingle Mill)
MECHANICSVILLE—*Orcutt, J. B. & Son (Lumber, Timber & Mill Work)
MENDON—*Strong & Cole (Lumber)
MEXICO—Ames, J. K. (Saw Mili)
Davis, Phineas (Est.) (Saw Mill)
Thomas, F. A. (Saw & Planing Mill)
MIDDLEBURG—*Mann & Churchill
MIDDLEFIELD—Parshall, Peter (Saw Mill)
MIDDLE GROVE—Kilmer, G. H. (Saw Mill)
MIDDLEPORT—*Sterritt & Graves (Headings & Barrels)
MIDDLETOWN—§Gordon, Horton & Co.
MILLERS MILLS—Grosline, W. D. (Saw Mill)
MINAVILLE—Rockwell, Angus (Saw Mill)
MINERAL SPRINGS—Shafer, Mengo (Saw Mill, Shingles)
MINOA—Snyder, P. & Son (Saw Mill)
MONSEY—*Requa-Glode (Lumber)
MONTAGUE—Marcelus, C. A. (Saw Mill)
Sears, N. B. (Saw Mill)
MT. VERNON—*Martens-Turner Co.
NEWBURGH—§Newburgh Lumber Co.
NEW HAMBURG—*Millard Lumber Co. (White Pine, N. Y. Spruce, Pa. Hemlock & Box Shooks)

NEW YORK CITY

Borough of Brooklyn.

BROOKLYN—Bossert, Louis & Son, Grand nr Newtown Creek
*Brooklyn Lumber Co. (Lumber & Timber) 458 Hamilton av
§Curtis Bros. Lumber Co., Liberty av c Vesta av
§Donat & Pell, Grand & Newton Creeek
§Ferguson & Clarke, 517 Flushing av
§Gowanus Timber & Lumber Co. (Pine & Hardwood), ft. of 24th
§Halsted Lumber Co., 222 Nevins
§Jacobson, A. C. & Sons, 3 Bridge
§Newton, A. J. Co., 528 Union
§Orr, Jno. C. & Co., West c Java

Boroughs of Manhattan & Bronx

NEW YORK—§American Lumber Co. (Hardwood, Lumber & Timber), 1st av & E 28th
*Atlantic Coast Lumber Corp., 17 Battery pl
§Barnes, E. H. Co. (Lumber & Box Shoooks, both Veneered & Sawed), 26 B'way
§Baxter, G. S. (Ties, Piling, Railroad Lumber, etc.), 17 William
§Becker, C. L. & D. J. Lumber Co. (White Pine & Spruce), 15 Cortlandt
§Booth, Horace G., 29 B'way
§Booth & Lewis Lumber Co. (Southern Pine,
*Buffalo City Mills (N. C. Cedar & Cedar Spruce, etc.), 18 B'way
§Burton, J. H. (N. C. & Yellow Pine, Rift, Flooring & Cypress), 18 B'way
Cannon, J. H. & Co. (N. C. & Yellow Pine), 66 Beaver
*Cape Henry (Hardwood), 1 Madison av
§Cathcart, Jno. (Hardwood), 117 Franklin
§Chase, Talbot & Co., 29 B'way
*Chapel, Eugene P. (White Pine), 253 B'way
*Chuch, S. O. & Bro. (Cooperage Stock), 15 Park Row
§Cole, Fredk. W. (Hardwood & N. C. White Pine), 29 B'way
§Cole, W. R. Co. (Staves), 17 Battery pl
§Cole, W. R. & Co. (Staves), 17 Battery pl
*Cooney, Eckstein & Co. (Yellow Pine. Lumber & R. R. Ties), 66 Broad
§Crane & Clark (Cal. Redwood & other Shingles), ft W 30th
§Creed, W. R. & Co. (L.-L. Yellow Pine, Cypress, Hemlock & Cypress Shingles), 18 B'way
§Crombie, W. M. & Co. (for Export & Domestic Trade), 81 New
*Cummer Lumber Co. (L.-L. Yellow Pine), 45 B'way
§Dannat & Pell (Cabinet Hardwood), 6 Broome
§Deghuee, Werner H. (Exporter), 18 Bway
§Delatour, Geo. L. (Hardwood), 150 Nassau
§Dodge, Norman W., 156 5th av
§Dudley, Fred'k W., 1 B'way
§Eccleston Lumber Co. (Yellow Pine, R. R. Ties, Timber Piling, Yellow Poplar & Hardwood), 29 B'way
§EPPINGER & RUSSELL CO. (Yellow Pine), 68 Broad. (See adv. index, end of book)
§Export Lumber Co., 17 Battery pl
*Gauley Co. (Hardwood), 18 B'way
§Giles, Louis B., 12 B'way
§Hegeman, M. Stewart, Produce Ex
*Herrmann, H. Lumber Co. (Hardwood), 258 Canal
§Higbie, Robt. W. (Mich. Maple Flooring & Hardwood, etc.), 45 B'way
§Hilton & Dodge Lumber Co. (Cypress), 17 Battery pl
§Hirschberg, H. (Pine, Cypress & Hardwood), 156 5th av
*Holcomb & Caskey (Pine, Hemlock & Cypress, Lumber & Shingles), 18 B'way
§Hunter, Dexter (Yellow Pine), 18 B'way
§Hussey, Jno. W. (Bridge & Dock Timber, etc.), 1 B'way
§Johnson, B. P. Co., 49 Wall
Joyce, C. H., 68 Broad
Kampf, Albert R. & Bro., 19 Whitehead
Kellar, Stanley E., 18 B'way
§Keys, Chas. H. (Cooperage Stock), 128 B'way
Lafond, Fred'k S., 66 Broad
§Langdon, C. S. & Co., 68 Broad
§Lapham, N. & Co. (Cooperage Stock & Nail, Keg Sizes, etc.), 150 Nassau
§Lemay, Eustace H., 81 New
§Lewis, Harry I., 80 Cotton Ex
§Lowry, Robt. C. (Yellow Pine & Box Shooks), 17 State
§McDonald, Jno. W., 116 Wall
§Manning, Chas. W., 68 Broad
§Marsh, Eben J., 1 Madison av
†Marsh & McClennen (Hard & Soft Wood). 45 B'way
*Mershon, Schuette, Parker & Co., 18 B'way
§Miner, Stanley H. (Timber, Piles, Dock Logs, etc.), 11 Broadway
§Murchie, Horace B. & Co., 156 Pine
§Murray Lumber Co., 18 B'way
Mutual Lumber Co., 239 Cherry
§New York Lumber & Storage Co. (All Kinds of Hard & Soft Wood), 851 11th av
§Nichols Bros., 71 Cortlandt
*Ogden, E. H., Lumber Co. (Maple Flooring, etc.), ft of W 47th
§Ogden & Co., 411 Wash'n
§Parrott, Wm. & Co., Produce Exch
§Pharo, Jos. J., 18 Broadway
§Phelan, Dan'l W., 277 B'way
*Pitch Pine Lumber Co., 11 William
§Price & Hart (Hardwood & Veneers), 18 Broadway
§Quinby, Edgar H., 68 Broad
§Rennolds, J. A. & Bros., 85 West
§Rogers, Chas. E. & Bro., 88 Wall
*Roper, John L., Lumber Co. (N. C. Pine), 18 Broadway
§Sawyer, W. H. Lumber Co. (White Pine, etc.), 68 Broad
§Shepard & Morse Lumber Co. (Cypress, N. C. Pine, etc.), 18 B'way
§Simmons Bros. (Yellow Pine; also Exporters), 66 Broad
§Simpson, Clapp & Co., 17 State
*Sizer, Robert R. & Co. (Yellow Pine), 15 William
*Skillings, Whitneys & Barnes Lumber Co. (Timber & Piling), 1 Madison av
§Smith, Gouverneur E., 17 Battery pl
§Southard & Co. (N. C. Pine), 11 Broadway
Southern Pine Co. (of Ga.) (Yellow Pine), 50 Pine
§Steetson, Cutler & Redman, 115 Pearl
§Stewart, Robt. A. & Co., 38 Whitehall
§Stratton, Harold M., 11 B'way
§Strock, Schuyler C. (R. R. Ties, Poles & Piling Timber), 11 B'way
Swayze, Geo. A., 18 B'way
Tifft Bros. (Box Shooks), Produce Exchange
§Turner, J. C. Cypress Lumber Co. (White Pine, Red Cedar, Cypress & Poplar), 1123 B'way
§Uptegrove, W. E. & Bro. (Cabinet Wood & Veneers), 463 E 10th
§Vanderbilt & Hopkins Co. (Yellow Pine, Dimension Lumber), 126 Liberty
§WHITE, RIDER & FROST (White Pine, Spruce, N. C. Pine & Shingles), 39 Cortlandt
*Whitehall Lumber Co., 1 B'way
*Whitmer, Wm. & Sons, Inc. (Hardwood, White Pine & Spruce), 143 Liberty
*Wiley, Harker & Camp Co. (N. C. Pine), 949 B'way
§Wilson, Thos. (Exporter), Produce Exch.
Winslow, Willard, 421 E 28th
*Yellow Pine Co. (White & Yellow Pine, Spruce & Hemlock), 16 Beaver
§Youngs, Wm. P. & Bros. (Hardwood), 616 1st av

Borough of Queens

LONG ISLAND CITY—**EPPINGER & RUSSELL CO.** (Yellow Pine), 1st & East av. (See adv. index, end of book)

(END OF NEY YORK CITY.)

NORTH GERMANTOWN—Hudson Valley Cooperage Co. (Cement & Lime Barrel Staves, etc.)
NORTHAMPTON—*Smith, J. H. (Timber, Lath, Shingles & Dressed Lumber)
NORTH TONAWANDA—Butts, Chas. G. & Co. (Box Shooks)
*Charlton, Jno. & Thos. (Timber, Lumber & Planing Mill)
§Clark-Swan-Jackson Co. (Wholesale Lumber)
§Collins, Cornelius (Wholesale Commission)
§Cowper, W. H. & Co. (Forwarders via Rail & Canal)
*Dennis Bros. (Hardwood (Also Grand Rapips, Mich.)
Dodge & Bliss Box Co. (Box Shooks & Planing Mill) (Also see Jersey City, N. J.)
§Gillespie, Jas. (Wholesale Commission)
§Hazard, J. F. & Co. (See also Phila., Pa.)
*Island Box Co. (Lumber & Box Shooks)
§Kelsey, C. E. & W. E. (Wholesale Commission)
§Lee & Lentz (Wholesale Lumber)
§Lefaiver & Co. (Inc.) (Wholesale Lumber)
§McLean Bros. (Wholesale Lumber)
§Mackenzie, J. P. (Wholesale Lumber)
§National Lumber Co. (Wholesale Lumber)

§Ollie & McKeen (Wholesale Lumber)
*Robertson & Doebler (Planing Mills)
*Robinson Bros. Lumber Co. (White Pine Lumber & Shingles)
*Sawyer, W. H. Lumber Co. (White Pine) (Also New York)
Shepard & Morse Lumber Co. (White Pine) (Also Boston)
*Silverthorne & Co. (Lumber & Shingles)
*Skillings, Whitneys & Barnes Lumber Co.
§Smith, Fassett & Co. (White Pine)
§Smith, M. M. (Wholesale Commission)
*Thompson, Hubman & Fisher (Lumber & Planing Mills)
*Tyler, H. N. Lumber Co. (White Pine, Lumber, Lath & Shingles)
§Weston, A. & Son (White Pine)
*White, Gratwick & Co. (Lumber & Planing Mills)
§WHITE, RIDER & FROST (White Pine, Spruce, N. C. Pine & Shingles)
NORWOOD—*Norwood Mfg. Co. (Spruce, Pine Lumber, Boxes, Shooks, etc.)
OGDENSBURG—*Proctor Mfg. Co. (Lbr. & Mill Wk.)
*Skillings, Whitney & Barnes Lumber Co. (White Pine)
OLD FORGE—Deis, Geo. & Son (Saw Mill)
OLEAN—*Morris, Chas. W. (Pine & Hardwood
*Morris, Chas. W. (Pine & Hardwood Lumber, Maple & Birch Flooring)
ONEIDA—*Bennett & Klock (Saw Mill)
PARISH—Brockway, A. C. (Saw Mill)
PARISHVILLE—Clark, S. L. (Lumber, Butter Tubs, etc.)
Harper, J. P. (Saw & Shingle Mill)
PARKERS—*Parker, L. B. (Spruce & Hardwood Flooring)
PERRY—Andrews, David (Saw Mill)
PIFFARD—Shattuck (Heading & Staves)
PIKE—Powers, Wm. (Saw Mill)
PITCHER—Andrews, Geo. H. (Saw Mill)
Bennett, Geo. W. (Saw Mill)
PITTSFIELD—Fink, Albertus (Saw Mill)
PLEASANTVILLE—Washburn Bros. (Saw Mill)
PLYMOUTH—Stanton, E. F. (Saw Mill)
POINT ROCK—Ferguson, Jaspar (Saw Mill)
Thurston, Mrs. S. J. (Saw Mill)
POLAND—Goodman, L. H. (Saw Mill)
POLAND CENTRE—Forbes, Wm. (Saw Mill)
POPLAR RIDGE—Moser, H. H. (Saw Mill)
PORTER CORNERS—Armsbee, H. G. (Saw Mill)
PORT HENRY—Bigelow, Levi
POTSDAM—*Sherman, A. Lumber Co. (Spruce & White Pine)
RANDOLPH—*Goodwill & Wilson
ROCHESTER—*Buffalo Hardwood Lumber Co. (Hardwood), 4 Anderson av
§Crouch, C. T. & Son Co., West c Lorimer
§German-American Lumber Co., 62 Portland av
§Hardwood Lumber Co. (Hardwood), 133 West av
§Hollister Lumber Co. (Hardwood & Pine), 316 N Goodman
§Miller, John (White Oak & Pine), 691 Exchange
*Miller, Jas. T. (Lumber, Lath & Shingles), Cham. of Com. bldg
§Morse, Wm. B. & Sons (Pine & Hemlock, Shingles, etc.)
§Otis Lumber Co. 936 Main, E
WOOD MOSAIC FLOORING CO. (Hardwood Lumber & Oak Flooring). (See adv. index, end of book)
ROME—Rousseau & Son
ROUSES POINT—*Millard Lbr. Co. (Lumber & Box Shooks, Pine, Spruce & Hemlock)
ST. REGIS FALLS—Wiedman Stave & Heading Mills
SALAMANCA—*Ostrander, H. A.
SALISBURY—Byer, And. W. (Saw Mill)
Comstock, J. H. (Saw Mill)
SAMMONSVILLE—Sammons, W. S. (Saw Mill)
SAMSONVILLE—De Witt, Peter (Saw Mill)
SANDUSKY—Smith Bros. (Saw Mill)
SANDY HILL—*Griffin Lumber Co.
*Kenyon Lumber Co. (Lath, Saw Mill, etc.)
SARATOGA—*Saratoga Wood Co. (Beach, Birch, Maple, Hickory, Spruce, Pine & Hemlock)
SHARON SPRINGS—Fritcher, P. G. (Saw Mill)
SHERBURNE—Robinson, G. G. (Saw Mill)
SHERMAN—Park, R. E. (Saw & Shingle Mill)
Simmons, J. B. (Shingle Mill)
SIDNEY—§Siver, M. L. & Co. (Pine, Spruce & Cypress)
SILVER CREEK—§Montgomery, L. B. (Planing Mill)
SOLSVILLE—Lyons, Geo. A. (Saw Mill)
Lyons, W. T. (Saw Mill)
SO. STOCKTON—Benedict, C. W. (Saw Mill)
Wakeman, Frank (Saw Mill)
SPRINGBROOK—Northrup, Eli (Saw Mill)
SYRACUSE—Bannon, B. A. & Co., 101 Townsend
§Chapman's, E. E. Sons, 1322 Carbon
?Dooley, Jos., 108 N State
§Kenyon Geo. G. (Hardwood, Shingles, etc.), 601 E Water
§McChesney, Geo. H. (Pine & Hemlock Shingles, etc.), 607 James
§McDowell, John H., 211 Wilkinson
§Mann & Hunter Co., 962 S Salina
§Taylor & Crate, 455 Fulton
§Walch Lumber Co., Kirk bldg
THOMSON—*Thomson & Dix (Pine, Spruce & Hemlock)
*Thomson, Douglas & Dix (Pine, Spruce & Hemlock)
TONAWANDA—*Alliger, T. I. Lumber Co. Lumber, Box Shooks & Baled Shavings)
§Butts, Chas. G. & Co. (Box Shooks)
*Eastern Lumber Co. (Mill Work)
*Sawyer, W. H. Lumber Co. (Michigan Lumber)
*Skillings, Whitneys & Barnes Lumber Co.
UNION CENTRE—Howard, B. (Saw Mill)
UTICA—Downer's Lumber Yard, 280 Whitesboro
Gibson, G. P. & Son, 720 Genesee
§Kellogg, C. C. & Sons Co.
§Nellis, Amos & Swift (Hardwood)
Thomas', Philip Sons, 137 Kemble
VANDALIA—Hood, S. (Saw Mill)
WATERFORD—*Burton's, Wm. Sons (Mahogany, Quartered Oak, Red Cedar Lumber, Veneers, etc.)
WATERTOWN—§Harroun, J. E. & Son (Spruce Flooring, Siding Lath, Shingles & Box Shooks)
§Makepeace, Chas. E.
WARWICK—Horton, M. V. B. (Saw Mill)
WATERFORD—Burton's, Wm. Sons (Saw Mill)
WEBSTER'S CROSSING—White, Charles H. (Saw Mill)
WELLS—Hosley, M. B. & Sons (Saw Mill)
WELLSVILLE—*Coats Mfg. Co. (Hardwood)
*Duke Co. (Lumber, Timber & Shingles)
*Farnum, W. C.
*Farnum, Brown & Hall (Lumber)
*Fassett, J. W. (Lumber)
Hanks, Samuel F.
WEST BURLINGTON—Gardner, O. C. (Saw Mill)
WEST EATON—Walden, P. (Saw Mill)
WEST HEBRON—Reid, Wm. (Saw Mill)
WEST ONEONTA—Rouse, Israel (Saw Mill)
Rouse & Phillips (Saw Mill)
WEST STOCKHOLM—Gibson, G. N. & Son
WEST WINFIELD—Hackley, A. C. (Saw Mill)
WESTON'S MILLS—*Weston, A. Lumber Co.
WESTPORT—Payne, D. F. (Saw Mill)
WHITESBORO—*Denton & Waterbury (Lumber, Lath & Shingles)
WILLIAMSTOWN—Laing, Thos. (Saw Mill)
WILLSBORO—Higby, E. S. (Saw Mill)
WOLCOTT—Dow, J. E. (Saw Mill)
§Strait, J. G. & Son (Lumber)
WOODHULL—Bartle & Lawson (Saw Mill)
WORCESTER—Hadsell, J. T. & Son (Saw Mill)

NORTH CAROLINA.

ABERDEEN—*McLeod, Alex. & Co.
*Penn Lumber Co. (N. C. Pine)
*Tarbell Lumber Co. (N. C. Pine)
ALBEMARLE—*Albemarle Lumber Co.
ALICE—*Balsam Mountain Lumber Co.
Willetts, A. P. Lumber Co. (Export.
ALLIANCE—Campen, A. B. (Saw Mill)
Campen, Samuel (Saw Mill)
Campen Barrel Co. (Barrel Mfrs.)
ALMA—*Alma Lumber Co.
AMITY—*Goodman, J. Turner
ANDREWS—Russell, D. S. (Saw Mill)
*Santeetla Lumber Co.
ANTIOCH—McPhail, J. A. & M. M. (Saw Mill)
APALACHIA—*Apalachian Land & Lumber Co. (Loggers)
*Tucker-Barrett & Co. (Saw Mill)
ASHBORO—*Ashboro Lumber Mfg. Co.
Ashboro Wood & Iron Co. (Saw Mill)
*McCrary, W. F. & Son
Star Lumber Co. (Saw Mill)
ASHEVILLE—§Bryan & Boyer
§Cooper, W. N.
*Dickson Lumber Co.
McEwen, W. B. & Co. (Hardware)
Mason, W. T. Lumber Co.
Wilkinson, M. B. Lumber Co.
ASHPOLE—*Southeastern Lumber Co.
ATKINSON—Murphy, J. A. (Saw Mill)
Rankin & Hawes (Saw Mill)
AUSTIN—Bodenhammer & Bro. (Saw Mill)
BAKERSVILLE—Baker, C. F. (Saw Mill)
Bowman & Poteet (Saw Mill)
Gouge, W. C. (Saw Mill)
BAY—Overton, J. D. (Shingles)
BELVIDERE—White, Walter (Shingles)
BETHANIA—Kapp & Miller (Saw Mill)
BIG PINE—*Bruce, M. & Sons
BISCOE—*Biscoe Lumber Co.
*Mills, W. W.
Phillips, W. W. (Shingles)
Pioneer Shingle Works (Shingles)
Thompson & Purvis (Shingles)
BLADENBORO—Edwards, E. & D. B. (Saw Mill)
BOARDMAN—*Butler's Lumber Co. (N. C. Pine)
BREVARD—*Brevard Lumber Co.
BRIDGEWATER—Peeler & Lyerly (Saw Mill)
BUFFALO CITY—*Buffalo City Mills
BUIES CREEK—Sexton, Wm. M.
BUXTON—*Hornthal-Loane Lumber Co.
CANDOR—*Currie, J. C. & Bro. (Lumber)
McDonald, N. A. (Saw Mill)
Saunders, A. H. (Saw Mill)
*Sutton, R. B. (Lumber)
CARTHAGE—*Carolina Lumber & Mfg. Co.
Currie & McQueen (Saw Mill)
Jackson & Pleasants (Saw Mill)
McAuley, J. R. (Saw Mill)
Shields, R. S. (Shingles)
CATES—Cates, J. T. (Saw Mill)
CEDAR GROVE—Parker, G. W. & Co. (Saw Mill)
CHARLOTTE—*Carolina Mfg. Co.
DOVER—*Goldsboro Lumber Co. (Yellow Pine Flooring & Finish)
EDENTON—*Branning Mfg. Co. (N. C. Pine & Box Shooks)
ELIZABETH CITY—*Blades Lumber Co. (N. C. Pine)
*East Coast Cedar Co.
*Elizabeth City Lumber Co. (Planing Mill)
GREENSBORO—*Brooks Mfg. Co.
*Greensboro Lumber Co. (Hardwood, etc.)
*Guilford Lumber Mfg. Co.
GREENVILLE—*Beaufort Lbr. Co.
Hodges, F. M. (Saw Mill)
HERTFORD—Fleetwood & Jackson (Saw & Planing Mills)
Major & Loomis (Saw Mill)
HICKORY—Hutton & Bourbonnais (Saw Mill)
Sigmon, A. Y. (Saw Mill)
HIGHPOINT—*Snow Lumber Co.
HOT SPRINGS—§Southern Lumber Co.
JAMES CITY—Munger & Bennett (Saw & Planing Mill)
LENOIR—*Wilson Lumber & Milling Co.
LILESVILLE—Ingram, J. B. (Steam Saw Mill)
LITTLETON—Johnston, A. M. (Saw Mill)
LUKINS—*Pamlico Lumber Co. (See Phila., Pa.)
LUMBER BRIDGE—Morley, M. L. (Saw Mill)
McCULLERS—Blalock, N. M. (Saw Mill)
Hoffy, S. C. & Son (Saw Mill)
Stinson & Rowland (Saw Mill)
Turner & Rand (Saw Mill)
*Bernardt, J. M. (Lumber & Box Mfrs.)
§Globe Lumber Co.
Palmer, W. J. (Saw Mill)
*Pennacordin Lumber & Mfg. Co.
Troyhill, T. H. (Saw Mill)
Tuttle, O. B. & Co. (Saw Mill)
*Broaddus & Ives
*Ellis, W. B. (Cypress & Shingle Mill)
Munger & Bennett (Saw Mill)
*Pine Lumber Co.
MADISON—Binford, H. N. (Saw Mill)
Cahill, B. M. (Saw Mill)
MAIDEN—*Rabb-Carpenter Mfg. Land & Improvement Co.
MANCHESTER—*Harnett Lumber Co.
MAPLETON—Carmen, Geo. E. (Saw Mill)
MAYODAN—Poindexter, W. T. (Saw Mill)
NAT MOORE—Corbett, D. J. (Shingles, etc.)
NEW BERN—*Blades Lumber Co. (N. C. Pine & Saw Mill)
*Broaddus & Ives Lbr. Co. (N. C. Kiln Dried Pine Shingles, etc.)
Elm City Lbr. Co. (Saw & Planing Mill)
*Munger & Bennett
*Pine Lbr. Co.
NEW HILL—Edwards, J. J. & Co. (Saw Mill)
NEWPORT—Bell, W. S. (Saw Mill)
NEWTON—Sigmon, D. E. & Bro. (Saw Mill)
OXFORD—Cannady, W. E. (Saw Mill)
Cole, J. F. (Saw Mill)
PARMELE—*North State Lumber Co. (N. C. Pine)
Parmele Mfg. Co. (Lumber)
PLYMOUTH—*Loane & Co. (Hardwood, Cypress, etc.)
*Walker & Myers (Saw & Planing Mills)
RALEIGH—*Cary Lumber Co.
Hobby, S. C. (Saw Mill)

§Johnson, K. B. (Lumber)
*Jones & Powell
Lassiter, C. J. (Saw Mill)
*Mills, Walter W.
RANDLEMAN—*Cannon-Mendenhall Co. (Saw Mill & Lumber)
RED SPRINGS—Love, J. A. (Planing Mill)
*Pearsall, A. B. (L. L. Yellow Pine)
*Red Springs Lumber Co.
ROPER—*Roper, John L. Lumber Co. (N. C. Pine)
SANFORD—*Sanford Sash & Blind Co. (Dressed, etc.)
TILLERY—*North Carolina Lumber Co. (N. C. Pine)
WASHINGTON—*Short, E. M. Lumber Co. (N. C. Pine)
WEST END—*Monroe Colon (Shingles)
*West End Veneering Co. (Veneers)
WILLIAMSTON—*Simmons, Dennis Lumber Co. (N. C. Pine)
Wicomico County Lumber Co. (Lumber)
WILMINGTON—*Angola Lumber Co.
*Bridges & McKeithan (Yellow Pine)
§Britton, Victor B.
*Cape Fear Lumber Co.
*Chadbourn Lumber Co.
§Fore & Foster Planing Mill & Sash & Blind Co. (Ltd.)
*Hilton Lumber Co.
*Kidder Lumber Co.
*Northrop, S. & W. H.
WINSTON-SALEM—Cummings, J. M. (Lumber & Planing Mill)
Fogel Bros. (Saw Mill)
Smith & Phillips (Lumber)
WINTON—Jordan & Parker (Lumber)
Taylor, W. P. (Lumber)

OHIO.

AKRON—Akron Lumber Co., 1027 S Main
Hankey Lumber Co., 1036 S Main
Lyman-Allen Lumber Co., 896 S Main
ATWATER—Stroup, Geo. (Saw Mill)
AUBURN—Thorp, C. E. (Saw Mill)
AXLINE—Weller, John W. (Saw Mill)
BAINBRIDGE—Durnell & McCoy (Saw Mill)
BELLEFONTAINE—Dickinson, Mack & Co. (Saw Mill)
BELLEVILLE—*Ritter, P. (Lumber, Staves & Headings)
BLUFFTON—*Althaus & Balmer (White Ash)
Townsend, I. M. & Co. (Saw Mill)
BOWLUSVILLE—Bowlus, J. L. & H. C. (Saw Mill)
BOWLING GREEN—Bigelow, J. H. (Saw Mill)
BUCYRUS—*Colter, Jacob (Saw Mill)
CADIZ—*Long, E. M. & Sons
CANAL DOVER—Arnold, P. (Saw Mill)
CEDARVILLE—Tarbox, J. M. & Son (Saw Mill)
CELINA—*Mason, J. & Co. (Hardwood)
CEYLON—Hoffman, J. (Saw Mill)
CHAGRIN FALLS—Stafford, Geo. W. & Co. (Saw Mill)
CINCINNATI—§Albro, E. D. & Co. (Imported & Domestic), 1013 W 6th
§Banning, L. G. (Walnut, Quartered Oak & Ash), 8th & Main
§Becker, R. E. (Hardwood Lumber & Veneered Stock for Piano Factories, White (Ohio) Quartered Ash, Veneers, Hardwoods, Red Gum & Cottonwood Veneers), Poplar & McLean av
§Bennett & Witte (Pine & Hardwood), 222 W 4th
§Borcherding Lbr. Co. (Poplar & Hardwoods), Atlas B'k bldg
*Boyd, Chas. C. & Co. (Hardwood & Veneered Lumber), Glenn bldg
Browne, H. R., Atlas Bank bldg
Burton, C. H. & Co., Augusta c John
Chaney, W. G. (R. R. Ties & Logs), Swift bldg
Cincinnati Hardwood Lumber Co. (Oak & Mahogany Veneers), Gest & Summer
Cincinnati Veneer Co. (Veneers, Thin Lumber, Cigar Box Lumber & Hardwood in Mahogany, Walnut, Cherry, Birch, White Oak, Ash, Maple, Red Sycamore, Gum, Poplar, Spanish Cedar, etc.), 1273 W 6th
Cochran Lumber Co., 1213 Gest
Crane, C. & Co. (Hardwood Lumber & Box Lumber), 1739 Eastern av
*Cypress Lumber Co., Gest & Dalton av
§Darling, J. W. Lbr. Co. (Ash, Oak, Poplar, etc.), Union Trust bldg
§Dhulmeier Bros. (Hardwood), Wade & McLean av
Doppes, J. B. Sons Lumber Co., 1246 Gest
§Dulweber, Jno. & Co. (Hardwood), 1217 Budd
§Enterprise Lumber Co., 677 Shillito
§Farrin, M. B. Lumber Co. (Poplar & Oak, Beveled Siding, Flooring, Oak for R. R. Ties, Fence Posts, Bridges, Ships, Dock Piling, etc.)
§Farrin-Korn Lbr. Co. (Cottonwood, Rough & Dressed)
§Gage-Possell Lumber Co. (Oak, Poplar, Ash, etc.), Bell blk
§Galle, W. F. & Co. (Southern Hardwoods), Budd c Cinn. So. Ry
§Goodman & Wright (Yellow Pine & Cypress), 435 E Court
*Graham Lumber Co. (Yellow Poplar), 41 E 4th
§Griffiths, Jas. & Sons (Planing Mill), Reading rd & E 12th
Hanna Lumber Co. (Hardwood), Neave bldg
§Heyl, Philip F. (Pine, Poplar & Cypress), 1215 W 6th
*Illingsworth, Ingham & Co. (Export), Johnston bldg
*K. & P. Lumber Co., Carthage Pike & B. & O. S. W. Ry.
Keeveny, T. W. Lbr. Co., 1043 W 8th
§Kipp, B. A. & Co. (Hardwood), 818 W 6th
§Lewin, A. M. (Yellow Pine & Cypress), Bank & McLean av
§Littleford Lumber Co. (Hardwood), Pickering bldg
*Maley, Thompson & Moffett Co. (Hardwood, Mahogany & Veneer), 8th & McLean av
§Mickle, H. L. Lumber Co., Mitchell bldg
*Morrison & Snodgrass Co. (Rough & Dressed Lumber), 501 Reading rd
Lumber), 501 Reading rd (Hunt)
§Mowhray, Robinson & Emswiler (Poplar & Hardwoods, Car Stock, Ties, etc.), 1219 W 6th
§Nicola, Stone & Myers Co. (Pine & Hardwood), C. H. & D. Ry. n of Gest
Owl Bayou Cypress Co., 1308 Central av
*Pease Co. (Lumber, Lath, Shingles & Mill Work), Fredonia av & C. L. & N. R. R.
Pierson, J. L. & N. L., Cooper & Cherry
§Radina, L. W. & Co. (Hardwoods), Clark & Dalton av
§Roberts, E. & Co. (All Kinds), 414 E Court
§Scott, T. P. & Co., York & McLean avs
§Shiels, Chas. F. & Co. (Hardwood), McLean av & Gest
*Sowles, C. W. Lumber Co. (Wholesale), Thoms bldg
Stewart & Jackson (Hardwood), Mercantile Library bldg
*Stone, T. B. Lumber Co. (Hardwood), 74 Union Trust bldg
Taft, S. H., 1308 Central av
Townley, Wm. E. & Co., McLean av & Gest
§Western Lumber Co. (Hardwood), c Richmond & McLean
§Wiborg, Hanna & Co. (Yellow Pine & Hardwood), 2649 Cummins
Woodward & Drake, Carlisle bldg
CLARK—Conkle, John Saw & Planing Mill)
Pettit & Lynn (Saw & Planing Mill)
CLEVELAND—Advance Lumber Co., Rose bldg
Arcade Lumber Co., 120 Columbus
Barner-Mead Lumber Co., 791 Fairmount
*Cleveland Box Co. (Resawed Lumber, Box Shooks, Packing Cases & Crating), Stone's Levee & Ohio
Cleveland Cedar Co. (R. R. Ties & Tel. Poles), Soc. for Sav. bldg
*Cleveland Saw Mill & Lumber Co. (Hardwood, Pine, Red Cedar, Shingles, etc.), 382 Superior
Colonial Lumber Co. (Yellow Pine, R. R. Ties & Piling), New Eng. bldg
§Cuyahoga Lumber Co., 11 Carter
§Euclid Av Lumber Co., 2730 Euclid av
§Fisher & Wilson Co. (White Pine), 302 Telephone bldg
Foote, C. H., New Eng. bldg
§Geogian Bay Co., 55 Stone's Levee
Gill Lumber Co., 500 Seneca
Greif Bros. Co. (Barrels & Kegs & Stack Cooperage Stock)
Interstate Lumber Co., The Arcade
*Jenks, Robt. H. Lumber Co. (Yellow Pine, Red Oak, Hemlcok & Hemlock Shingles), 44 Euclid av
Lake Erie Lumber Co., Hamilton c Marquette
§Lake Shore Saw Mill & Lumber Co., Wason & Superior
§Lapham, O. T. Co. (Planing Mill), Detroit & Berea
*Martin-Barriss Co. (Mahogany & Cabinet Wood Mfrs. & Importers), 654 Seneca
§Mills-Gray-Carleton Co., 5 Carter
Nahuis, Jno., 181 Lake av
*Nicola Bros. Co. (White Pine, Shingles & Lathing), New Eng. bldg
Nicola, Stone & Myers Co., Hickox bldg
§Potter, Teare & Co., 7 Carter
§Prasse Lumber Co., 186 Columbus
§Saginaw Bay Co., 714 Seneca
Singletary, A. R. & Sons, 116 Merwin
§Wilson Av Lumber Co., Wilson av & E. R.R.
CLIFTON—Armstrong, Sam'l & Son (Saw Mill)
COAL GROVE—*Yellow Poplar Lumber Co. (Yellow Poplar & White Woods)
COALTON—Haslett, C. W. (Saw Mill)
COLLEGE HILL—Pierson, J. L.
COLUMBUS—§Bergin, M. J. Lumber Co., Spring c Water
*Cones & Menefee, 450 W Broad
Cross, G. D. Lumber Co., Long c Water
Hildreth & Martin Lumber Co., 157 W State
*Kelton & Converse, c Spring & Water
§McLaughlin, C. G., Clinton bldg
Mooar, H. L. Lumber Co., 130 E Rich
*Nelson, C. T. Co., 323 Dublin av
§Powell Lumber Co., 35 Vine
*Ritter, W. M. Lumber Co. (Oak & Poplar)
*Snider, J. J. Lumber Co., Taylor av
§Snyder, P. W., 261 N High
DAYTON—*Dayton Lumber & Mfg. Co.
§Fackler & Brookins
§Gebhart, Alex. & Co.
§Houck, M. J. & Son
§Kuntz-Johnson Co.
EAST SPRINGFIELD—Allensworth, T. H. & Son (Saw Mill)
EL DORADO—Locke, A. W. S. (Saw Mill)
ELERY—Honeck, A. (Saw Mill)
ELI—Fent, Geo. R. (Saw Mill)
ELLERTON—Limebaugh, J. H. (Saw Mill)
ELYRIA—Elyria Lumber & Coal Co.
FAYETTE—Acker Bros.
FINDLAY—*Hancock Lumber Co. (Hardwood)
*Parker Bros. (Lumber & Mills)
Pennsylvania Lumber Co.
Powell & Cooper (Saw Mill)
FORT JENNINGS—Boehmer, Louis (Saw Mill)
FOSTORIA—Fraver, F. W. (Saw Mill)
FRANKFORT—Ott, Jno. W. (Saw Mill)
FRANKLIN—Hankinson, J. V. (Saw Mill)
FRAZEYSBURG—Pryor, I. D. (Saw Mill)
GALENA—Bennett, W. F. & Co. (Saw Mill)
GALION—*Galion Lumber Co.
GREENFIELD—Barr, W. L. (Saw Mill)
GREENVILLE—§Kuntz & Wright
GREENWICH—Wright Bros. (Saw Mill)
HARRISON—Perrine, Atwood
HAMILTON—Bender, J. F. & Bros. Co.
HILLSBORO—*Durnell Mfg. Co.
*Whisler, C. F. (Plain & Quartered Oak, Walnut, etc.)
HOLMESVILLE—Deetz, P. M. (Saw Mill)
IRONTON—Austin-Roberts Co.
§Drayer Co.
*Fearon Lumber & Veneer Co. (Poplar, Rough & Dressed)
*Nigh Lumber Co. (Poplar, Ash & Walnut)
LEIPSIC—Buckeye Stove Co. (Large, Saw, Planing & Stave Mill)
*Easton, Amos F. (Hardwood)
*Leipsic Lumber & Mfg. Co.
LIMA—§Longsworth, I. R. Co.
LOGAN—Snider, J. J. & Co. (Saw Mill)
LORAMIE—Wise, Aug. (Saw Mill)
Wogler, Chris. (Saw Mill)
LORDSTOWN—Crunk & Boorey (Saw Mill)
MALINTA—Burr Bros. (Saw Mill)
MANTUA STATION—Hine & Cook
MAPLETON—Sherer, E. (Saw Mill)
MARION—Implement Mfg. Co. (Hardwood)
MARTIN—Post, Geo. E. (Saw Mill)
MELBERN—Brakeman, F. P. & Co. (Saw & Shingle Mill)
MIAMISBURG—*Wantz, H. Lumber Co. (Hardwood)
MIDDLETOWN—Montgomery, J. W. (Saw Mill)
NEWARK—*Fee, F. F. (Saw Mill & Lbr.)
ROSEVILLE—Coombs, Hy. (Saw Mill)
SANDUSKY—*Bennett Bros. Lumber Co.
*Gelaher & Schuck
Schoepfle Mfg. & Lumber Co.
SENECAVILLE—Umstott & Hale (Saw Mill)
SEVEN MILE—Jacoby, J. B. & Co. (Saw Mill)
SHERODSVILLE—Miller, Jas.
SHILOH—Crawford, Jno. (Saw Mill)
SIDNEY—Worch, G. H. Lumber Co.
SILVER CREEK—Wenner, W. L. (Saw Mill)
SMITHVILLE—Schrock & Buckwalter (Saw Mill)
SOUTH EUCLID—Prasse, Hy. (Saw Mill)
SOUTH SALEM—Lumbeck, D. H. & Son (Saw Mill)
SOUTH WARSAW—*Hardin, F. P. & J. J. (Hardwood)

SOUTH ZANESVILLE—Kohler, F. F. (Stave Mfrs.)
SPENCERVILLE—Reynolds, W. A. (Saw Mill)
SPOKANE—Merrill, Frank W. (Saw Mill)
SPRINGFIELD—*Rawlins, Albert M. (Hardwood, Main & Lincoln av
*Springfield Planing Mill & Lumber Co.
STOUT—Pennywitt, W. D. (Saw Mill)
STRYKER—Stryker Boat, Oar & Lumber Co.
SYCAMORE—Petty, J. A. (Saw Mill)
TIRO—Allen, B. F.
TOLEDO—*Barbour & Starr (Cork, Pine & Sash Stock), Summit c Albany
§Barnes & Mauk, Gardner blk
§Campbell Co. (& Planing Mill), Hoag nr Dorr
*Clark, W. J. & Co. (White Pine), City Park av & Swan Creek
§East Side Lumber Co., The Spitzer
*Empire Lbr. Co. (White & Yellow Pine), Ash c Water
*Jacoby, Edwin Co.
§Kelsey & Freeman (White Pine)
*MacLaren & Sprague Lbr. Co. (White Pine)
*Mitchell & Rowland Lumber Co. (White & Norway Pine)
*Peter, Wm. (White Pine), 179 S. St. Clair
*Rib River Lumber Co. (White Pine)
*Smith, W. H. H. Co. (White & Norway Pine)
§Trotter, David, 1774 Summit
TWINSBURG—Gilley, Robt. (Saw Mill)
URBANA—Stephen Bros. (Hardwood)
VAN WERT*Gleason Lumber Co. (Saw Mill)
WAUSEON—Wauseon Lbr. Co. (Hardwood)
Williams, H. H. & Co. (Saw Mills)
WINTON PLACE—*Farrin, M. B. (Oak Flooring)

OKLAHOMA TERRITORY.

OKLAHOMA CITY—*Pine Tree Lumber Co. (Yellow Pine)
RED ROCK—*Foster Lumber Co.

OREGON.

ALBA—*Bisher, Viebrock & Schmidt
ASTORIA—Astoria Box Co. (Boxes & Lumber)
*Borthwick Lumber Co.
*Clatsop Mill Co. (Oregon Pine & Spruce Lumber)
*Sorenson Lumber Co.
AURORA—*Cole Bros. & Co.
BAKER CITY—*Oregon Lumber Co.
*South Baker Saw Mills
*Stoddard Bros.
BANDON—*Swift, M. I. (Shingles)
BAY CITY—*Oregon Electric Lumber Co.
Pettys, M. B. (Saw Mill)
BERRY—*Curtis Lumber Co.
BLOOMING—Hendricks, C. W. (Saw Mill)
BOSWELL—Dunbar, W. (Saw Mill)
BRIDAL VEIL—Apex Transportation Co. (Loggers)
*Bridal Veil Lumbering Co. (Oregon Fir & Larch, Siding, Ceiling & Finish)
Oregon Pulp & Paper Co.
BROOKS—Schomus Bros. (Saw Mill)
BROWNSVILLE—Moyer, Hugh B. (Mill Work)
BUELL—Rowell Bros. (Saw Mill)
Stewart's Saw Mill
BULLARDS—Fahey, E. & Sons
BULLRUN—Cummings & Cole (Saw Mill)
CAMAS—Kirkendall, J. A. & Sons (Saw Mill)
Thrush, Lincoln (Saw Mill)
CANBY—*Adkins Bros.
*Cole Bros.
CANYON CITY—*Dore, A. C.
CANYONVILLE—Overstreet, Jas.
Pickett & Wilson
CARLTON—Iler, J. C. & Son
CARSON—Brown, Geo. W.
CASCADE LOCKS—*Storey & Keeler Lumber Co. (Lumber & Saw Mills)
CLATSKANIE—Barr Bros.
Hanson, Christopher (Shingles)
Lohman, W. M. (Shingles)
Malcom Bros. (Shingles)
Merrill, Frank (Saw Mill)
Merrill, Norman (Saw Mill)
Nordby & Flippen (Saw Mill)
Palm, John A. (Saw Mill)
Schnelder, C. & Son (Shingles)
Shaver Transportation Co. (Saw Mill)
Tichenor Mill Co. (Shingles)
CLIMAX—Chasley, N. N. (Saw Mill)
COBURG—*Booth-Kelly Lumber Co.
COMSTOCK—Anlauf Bros. (Saw Mill)
Mooney, H. (Saw Mill)
Skidmore, Wm. (Saw Mill)
COQUILLE—Clayton Bros. Shingle Mill)
CORVALLIS—*Corvallis Saw Mill Co.
COTTAGE GROVE—*Booth-Kelly Lumber Co.
Shortridge, W. W. (Saw Mill)
Wheler Bros. & Owens (Saw Mill)
CRAWFORDSVILLE—*Morgan, J. C. Sons
DALLAS—*Thurston Lumber Co.
DEER ISLAND—Hagren Bros.
DELENA—Mayger & Runyon (Piling, Poles, etc.)
Meserve Bros. (Saw Mill)
DETROIT—*Curtis Lumber Co.
*Hall, S. V. Lumber Co.
*Hoover Bros.
*Smith & Smith
DELLEY—Strong, E. C. (Saw Mill)
DODGE—Myers, J. T. & Son (Saw Mill)
DRAIN—Bledstoc & Perkins
Dunbar, John W.
DREWSEY—Ott, John & Co.
DUFUR—*Dufur Lumbering Co.
Ward Bros.
DUSTY—Coon, T. M.
EAGLE POINT—Daley, A. J. & Son
ELGIN—*Baker, J. A. Lumber Co.
ELKTON—Cooper Bros.
EMPIRE—*Southern Oregon Co.
EUGENE—Andrews, W. H.
*Booth-Kelly Lumber Co.
Eugene Saw Mill Co.
FISHHAWK—Gillespie & Wilson
Sampson, J. K.
FLORA—Devins & Hoffman (Shingle Mill)
Flora Lumber Co.
Landurs & Sons
FOSSIL—*Butte Creek Land, Live Stock & Lumber Co.
GALES—Hlatt & Reasoner
Lyda, Wm. H.
Lyda, Wm. M.
GARFIELD—Miller Bros.
Yocum, Thomas
GLENDALE—Woodford & Co.
GOLDSON—Goldson, J. M. & Sons
Wright, G. W.
GOPHER—Daniels & Agee
GRANT'S PASS—*Sugar Pine Door & Lumber Co. (Yellow & Sugar Pine Lumber & Fruit Boxes)
*Welter, Pracht & Schmidt Bros.
*Williams Bros. & Kendall
GREENVILLE—Bradley, I. E. (Shingles)
Heimanns, Cornelius (Saw Mill)
GROUSE—Silver, S. M. & D. A. (Saw Mill)
HARDMAN—Mallory, W. L.
Parker & Gleason
HARVEY—King, E. H.
McKinney, C. F.
Richardson, A. K.
HARRISBURG—*Harrisburg Lumber Co.
HILGARD—*Carlson Bros. & Co. (Lumber & Ties)
*Short & Casey (Lumber & Ties)
HILLSBORO—Foote, John A. (Saw Mill)
Hare, Jos. C. (Saw Mill)
HOBSONVILLE—*Truckee Lumber Co.
HOLBROOK—Bloyd & Sigler (Saw Mill)
Kyle & Brooks (Saw Mill)
HOLLEY—Moyer, H. B. (Saw Mill)
Sawyer Bros. (Saw Mill)
IMBLER—*Imbler Lumber Co. (Saw & Planing Mill)
JUNE—*Mathews, D. C. & Son
KENO—McCormack, Thos. (Saw Mill)
Snowgoose & Co. (Saw Mill)
KLAMATH—*Moore, C. S. & R. S.
KYSER—Snyder & Holmes Shingle Mill Co. (Shingles)
LAWTON—*Fox & Sargent
LEBANON—*Sawyer, Jos. P. (Lumber, Mouldings, etc.)
LOSTINE—Cook Bros. (Saw Mill)
Lecert, J. T. D. (Saw & Planing Mill)
Parkyn, F. E. (Saw Mill)
LOST VALLEY—*Lost Valley Lumber Co.
LYONS—Farmer & Myer (Saw Mill)
McEWEN—Stoddard Bros. (Saw Mill)
MANNING—Carstens Bros. (Saw Mill)
MARSHFIELD—*Dean, E. B. & Co.
MEACHAM—Hunt, G. & Co. (Saw Mill)
Wilder, E. J.
MEDFORD—*Sugar Pine Co.
MEDICAL SPRINGS—*Wright, Jameson & Dean
MIDDLETON—Couzelman Bros. (Saw Mill)
Nelson, John (Saw Mill)
MILL CITY—*Curtis Lumber Co.
MILLWOOD—Briggs, C. A. (Saw Mill)
Clark & Baker (Saw & Shingle Mill)
MIST—*Gronberg, C. E.
*Lane, John W.
*Libel, Casper
*Smith, Thomas & Co.
MITCHELL—Looney, Eugene (Saw Mill)
Misener & Brennan (Saw Mill)
MONROE—Horton Bros. (Saw Mill)
MONTAVILLA—Aylsworth, C. A. & Co.
MOUNT HOOD—*Mount Hood Mill Co.
MULINO—Pratt Bros. (Saw Mill)
NAYLOX—Hostetter & Son (Saw Mill)
Yoder, J. S. (Saw Mill)
NEHALEM—Kerbs, Robert (Saw Mill)
*Wheeler Lumber Co.
NETARTS—*Netarts Bay Lumber Co.
NEWBERG—*Spaulding, Chas. K. Logging Co. (Rough & Dressed Ash & Maple, etc.)
NORTH POWDER—Gorham & Son (Saw Mill)
NORTH YAMHILL—Smith, Chas. L. (Saw Mill)
Wilson & Gillespie (Saw Mill)
OAKLAND—*Rone, N. H.
OLNEY—Blaisdell & Lloyd (Loggers)
ONEATTA—Parker, Allen (Saw Mill)
OREGON CITY—
Moehnke, Charles (Saw Mill)
ORIENT—Cumming & Cole (Saw Mill)
Grove & Yoker (Saw Mill)
Grover & Co. (Saw Mill)
Johnson & Johnson (Saw Mill)
Proctor & Beers (Saw Mill)
Smith & Carpenter (Saw Mill)
Stone & Rodburn (Saw Mill)
Strouse & Loenartz (Saw Mill)
PARKERSBURG—Coyville Mill & Tug Co. (Saw Mill)
PALMER—*Bridal Vell Lumbering Co.
Leiter, J. M. (Saw Mill)
Palmer, L. C. (Saw Mill)
PANTHER—Cole, Jesse & Son (Loggers)
Crenshaw & Co. (Loggers)
Rasselton, Lewis (Saw Mill)
PEAK—Davidson & Cramer (Shingles)
Wood & Jackson (Saw Mill)
PEDEE—Ronco Bros. (Saw Mill)
PEORIA—Kaltrider, Wm. (Shingles)
Linn, B. F. (Saw Mill)
PERRY—*Grande Pond Lumber Co.
PHILLIPS—*Kyle & Brooks (Saw Mill)
PERRY—*Grande-Ponde Lumber Co.
PHILOMATH—Hawkins, Jos. A. (Saw Mill)
Prickett & Logan (Saw Mill)
PORTLAND—§Ainslie, Geo. & Co. (Imported Woods & Mill Work); Pettygrove c 15th
§Albina Lumber Co., River ft Randolph
*Blinn, Waldo Mill Co., Cham of Comm
*Broughton & Wiggins Co. (Piling & Cedar Poles), 92 1st
*Bucoda Lumber Co., Concord bldg
*Central Lumber Co., Cham of Com
*Cone Bros. Lumber Co., ft Portsmouth
*Eastern Lumber Co., Front St. N
*Haseltine, J. E. & Co. (Hardwood), 51 2d
*Inman, Poulsen Co. (Oregon Pine), ft E Sherman
*Lindsley Bros. Co. (Poles, Ties, Piling & Timber, etc.), Sherlock bldg
McCracken, J. Co., 231 Pine
*North Pacific Lumber Co., Worcester blk
North Pacific Planing Mill Co., Thurman c 22nd
Northwest Door Co., ft Albina av
Olsen & Nordby Lumber Co., Sherlock bldg
Oregon Round Lumber Co., Ainsworth blk
Oregon Sash & Door Co. (Shingles, Mouldings, Flooring, Rustic, Ceiling, Interior & Exterior Finishing Lumber), 17th c Vaughn
*Pacific Export Lumber Co. (Pine, Fir & Spruce), Cham. of Com.
Pelton, Armstrong & Co., Commercial blk
Portland Lumber Co. (Fir Lumber), ft Lincoln
Rainier Mill & Lumber Co., Cham. of Com.
Vancouver Logging & Lumber Co., Cham. of Com.
Western Lumber Co., Front ft 17th
Wheeler Lumber Co., Sherlock bldg
White Pine Lumber Co., Glisan c 10th
PRINEVILLE—Hawkins Bros. (Saw Mill)
RAINER—Muckle & Richardson (Saw Mill)
Smith, Jos. & Son (Saw Mill)
Star Logging Co. (Loggers)
Stehman, John (Saw Mill)
SANDY—Brown & Son (Saw Mill)
Cummins & Cale (Saw Mill)
Wewer, John H. (Saw Mill)
SEASIDE—Necanicum Spruce Lumber Co. (Saw Mill & Box Mfrs.)
SPRINGFIELD—*Skeel, H. A. & Co.
STAFFORD—Saum, George & Son (Saw Mill)
STAYTON—*Brown, Lee & Sons
STEAMBOAT—Shearer Bros. (Saw Mill)
SUMMERVILLE—*Summerville Lumber Co.
SUMPTER—Sumpter Lumber Co.
TILLAMOOK—*Pacific Lumber Co.
*Loft, J. A. & Co.
*Tillamook Lumbering Co.
Tillamook River Booming Co. (Loggers)
TRENT—Trent Lumber Co.

TROUTDALE—Cone Bros. (Saw Mill)
WALLOWA—Carmen & Shireman (Saw Mill)
Hickman, James (Shingles)
Marvin Bros. (Saw Mill)
WARRENTON—*Warren & Lester
WATERLOO—Loftin Bros. (Saw Mill)
WESTON—*Fletcher Co. (Saw Mill)
WILHOIT—Fox & Co. (Saw Mill)
Rich & Nightengall (Saw Mill)
WOLFCREEK—*Sugar Pine Door & Lumber Co.
Werg, M. A. (Saw Mill)
WOODS—Kerb Bros. (Saw Mill)
YANKTON—Howard, N. O.
Stanwood, E. C.
YAQUINA—§Oneatta Mill Co. (Saw Mill)
§Parker, Allan (Saw Mill)

PENNSYLVANIA.

ALLEGHENY—§Bruckman Lumber Co.
Crawford, Jno. A. (Lumber & Saw Mill), Herrs Island
§Holthouse, Albert W., Ferguson blk
§McClure Timber Co. (Lumber & Saw Mill)
§Ogilvie, R. A., 1407 Fremont
Schulze & Emanuel (Lumber & Planing Mill)
*Walter, H. R. Lumber Co. (Hardwood & (Yellow Pine)
§Simons, M. Sons
ASHLAND—*Bright, H. F.
AUSTIN—*Goodyear Lumber Co. (Penna. White Hemlock)
Harvey & Sullivan (Saw Mill)
AVONDALE—Hicks, Jno. H. (Saw Mill)
BELLEFONTE—*Crider, P. B. & Son (Lumber & Saw Mills)
BAKERSVILLE—Knupp, C. M. (Saw Mill)
BANDANNA—Heil, Jno. (Saw Mill)
BARBARA—Gonsman, Fred (Saw Mill)
BARNES—*Hassinger Lumber Co.
BARRONVILLE—Barron Bros. (Saw Mills)
BARRY—Bolich, Wm. (Saw Mill)
BARTONVILLE—Slutter, L. L. (Saw Mill)
BEANS COVE—Donohoe, Peter (Saw Mill)
BEAR LAKE—Bordwell, C. T. (Shingle & Planing Mill)
BEAVERTOWN—Engle, A. W. (Saw Mill)
BECHTELSVILLE—Reitmaur, W. M. (Saw Mill)
Stauffer, A. T. B. (Saw Mill)
BELLE VERNON—*Belle Vernon Saw & Planing Mill Co.
BELLWOOD—Cherry Bros. (Saw Mill)
Glasgow, Jos. P. (Saw Mill)
BERNVILLE—Kalbach, H. & L. (Saw Mill)
BIGRUN—London, Jas. (Saw Mill)
Miller & Pifer (Saw Mill)
BLOOMFIELD—Bryner & Son (Shingle Mill)
BRADFORD—*Bemis, J. M. & Son
§Bond, Alfred J. (Hemlock), 124 Mechanic
*Bradford Hdw. Lumber Co.
§Hazleton, B. F. (Est. of), 33 Mechanic
*Stout & Holden
§Weed, W. S. & Co.
BROOKVILLE—*Dickey, Wm. (Lumber & Specialties)
*Dickey, Kelso & Moore (Lumber, etc.)
*Henderson, Schofield & Co. (Lumber)
Humphrey, W. N. & Bro. (Saw Mill)
Oakes, Stephen (Lumber)
*Rogers, Calvin (Lumber)
*Simpson, W. A. (Saw Mill & Lumber)
*Truman, H. (Lumber, etc.)
*Vanleer Bros. (Lumber & Planing Mill)
*Verstine, Kline & Co. (Lumber)
BURNT CABINS—Comerer, Geo. W. (Saw Mill)
Comerer, W. M. (Saw Mill)
CAMBRIDGE SPRINGS—Blystone, C. W. (Saw Mills)
CAMP GROUND—Johnson, C., Jr. (Saw Mill)
CAMPRUN—*O'Donnell, A. & Son (Saw Mill)
CANADENSIS—Low, E. F. (Saw Mill)
CANAL—Rhodes, Jos. (Saw Mill)
CANTON—*Beardslee & Innes
*Crawford, H. & Sons
*Union Lumber Co.
CHESTSPRINGS—Thaddeus, Conrad (Saw Mill)
CLARINGTON—*Braden, A. R.
*Shields & Gross
*Work, Josiah & Son
CLEARFIELD—*CLEARFIELD LUMBER CO. (LTD.) (Hemlock, Pine, Oak & Hardwood)
*Hoover, E. J. (Lumber)
*Surveyor Run Lumber Co. (Lumber & Saw Mills)
*Vinton Lumber Co. (Ltd.) (Hemlock & Hardwood)
CONNELLSVILLE—*Huston, H. C. (Lumber & R. R. Ties)
*Wilcox, R. F. & Co.
CONNER—Thomas, L. M. (Saw Mill)
CONYNGHAM—Hess, A. E. (Saw Mill)
COOKSBURG—Braden, G. R. (Saw Mill)
Cook, J. R. (Saw Mill)
*Cook's, A. Sons (Lumber)
*Heffron, D. (Lumber)
CORRY—*Blue Jay Lumber Co.
COUDERSPORT—Ellison, O. T.
*White, Jas. & Son (Hardwood)
DARBY—*Darby Casket Co.
*Gottschall, Adam J.
DELTA—Moffett Bros. & Ruff (Saw Mill)
DUBOIS—*DuBois, John E.
*Ginter, Hy. E.
EASTON—Butz, Edward M. (Planing Mill)
Stair, J. E. (Planing Mill)
Zearfoss, Godfrey (Planing Mill)
EBENSBURG—*Griffith, Webster (Maple Flooring, Hemlock & Hardwood)
ELDRED—*Squires, A. N. & Sons (Hardwood)
ELIZABETH—Rhodes, S. O. (Saw Mill)
ELIZABETHTOWN—Bush & Landis (Saw Mill)
ELK GROVE—*Hummer & Yorks
ELKLAND—*Penna. Hardwood Co. (Hardwood & Polished Hardwood Flooring)
Smith, Fredk. T. (White Hemlock & Maple & Oak Flooring)
ELKLICK—Achenbach, H. & Son (Saw Mill)
Compton, Demetrius (Saw Mill)
*Maust Lumber Co.
ELMDALE—Moore, J. P. (Saw Mill)
ELMER—*Dodge, A. F.
*Gilbert, C. A.
ELLIOTTSBURG—Foose, Jas. B. (Saw Mill)
Ricedorf, Sam'l (Saw Mill)
ELLIOTTSVILLE—Elliott, B. (Saw Mill)
Gleason, John P. (Saw Mill)
ELLISBURG—*Dunlevie, E. V.
EMPIRE—*Raine & Raine (Hemlock, etc.)
EMPORIUM—*Catlin, C. G. (Saw & Shingle Mill)
*Howard, C. B. Co. (Hemlock Lumber, Lath, Pickets)
*Hackct, S. S.
*Johnson, W. D.
*Thomas & Whiting
ENDEAVOR—*Wheeler & Dusenberry (Lumber, Lath & Shingles, Pine Lumber up to 72 feet)
ERWINNA—Stover's, J. S. Sons (Saw Mill)
EVANS CITY—*Dambaugh, Edw.
EVERETT—Eshelmau, A. B. (Saw Mill)
FELTON—Stabley, W. H. (Saw Mill)
FIRSTFORK—*Healy, M. J.
FOREST HOUSE—*Emporium Lumber Co. (Hardwood & Maple Flooring)
FURNACE RUN—*Furnace Run Saw Mill & Lumber Co.
GAINES—*Maple, Birch & Beech Flooring Co. (Hardwood, Lumber & Flooring)
GALETON—*Carpenter, John M.
GUY'S MILLS—Bushan, John (Saw Mill)
Demaisson, S. (Saw Mill)
Morgan, John (Saw Mill)
Williams Bros. (Saw Mill)
HALLSTEAD—*Roosa, E. H. B. (Dressed & Mouldings)
HALLTON—*Hall, Gardner & Co. (Lumber)
*Moore, W. E.
HASTINGS—Lantzy, Jos. (Saw Mill)
HARRISBURG—§Fraser, Isaac (Hardwood)
HOYTVILLE—*Morris Mfg. Co.
HUGHESVILLE—*Paulhamus & Sones (Hemlock, etc.)
INSTANTER—*Bayard, Hy. & Co.
*Schimmelfeng, H.
IOLA—*Eves, W. M. & Sons
IRVING—*Coleman, P. & Co. (Lumber & Shingles)
JAMISON CITY—Giles, W. G. (Saw Mill)
JERSEY SHORE—*Torbert, J. Frank
Wood & Childs (Saw Mill)
JOHNSTOWN—*Murdock, J. M. & Bro. (White Oak, Hemlock, White Pine & Hardwood)
KANE—*Mell, Geo. H. (Rough & Dressed Lath & Shingles)
KEATING SUMMIT—*Emporium Lumber Co. (Hardwood)
KNOXVILLE—*Edgecomb's, I. M. Sons (Mill Work)
KUTZTOWN—*Gonser, John R.
LAMONA—*Lamona Lumber Co. (Hemlock, White Norway & Yellow Pine)
LEWISBURG—*Nesbit, D. M. Co. (Lumber, Timber & Interior Finish)
LIVERPOOL—*Lenhart, W. L. (Shingles)
*Snyder, Zaring & Co. (Shingles)
LOCK HAVEN—*Bickford, F. D. & Co. (Hemlock, Pine & Oak)
*Boyen, Wm. (Hemlock, Hardwood & Pine)
§Fargus, E. E. (Hardwood & Pine)
§Furst & Whitaker (Pine & Hardwood)
Griffin, P. P. (Hardwood)
*Hopkins, A. C. (Hemlock, etc.)
*HOPKINS & WEYMOUTH (Hardwood, Pine & Oak)
*Kreamer, Chas. (Hemlock & Oak)
§Kreamer, Stevenson & Co. (Pine, Hemlock & Hardwood)
§McCormick, R. W. & Son (Pine, Hemlock & Hardwood)
§Monaghan, E. A. (Pine & Hemlock)
*Suiter, A. E. (Hemlock & Hardwood)
*Whitaker, F. L. (Hardwood, Hemlock & Pine)
*White, A. P. (Pine, Hemlock & Hardwood)
LOLETA—*Amsler & Campbell
LOPEZ—*Jennings Bros. (Hemlock, Spruce, Maple, etc.)
McKEESPORT—Shoup, John & Co. (Saw Mill)
MILTON—*Clinger, D. (Lumber & Planing Mill)
MT. JEWETT—*Kane, Elisha D
MARIENVILLE—*Amsler, C. W.
Bell, Urban (Shingles)
Bell Mfg. Co. (Hubs, etc.)
*Gross, Cecil
*McMichael (Lbr. & Shingles)
*Morrison, R. M.
*Rohrer, Wm. C. L. (Lbr. & Shingles)
*Shields & Gross
*Wagner & Wilson
MILLERSBURG—Snyder, C. J. (Saw Mill)
NEW BETHLEHEM—*Andrews, C. E. Lumber Co. (White Oak, White Pine & Hemlock, Timber & Lumber)
NEW FREEDOM—Miller, Geo. F. (Saw Mill)
Miller, John (Saw Mill)
NEW LONDON—Conard, J. P. (Saw Mill)
NEWPARK—Brown, R. D. (Saw Mill)
NEWBURG—Brook, Aaron (Saw Mill)
Marstellor, John (Saw Mill)
NEWPORT—Everhardt, James (Saw Mill)
NEWTOWN—Watson, A. W. & W. M. (Saw & Planing Mill)
NORTHUMBERLAND—*Holt, Edgar
Stannert & Kline (Saw Mill)
OIL CITY—§Hunt, W. G. & Co.
PAINTERSVILLE—Goss, W. H. & Bro. (Saw Mill)
PANIC—North, H. K. (Saw Mill)
PARNASSUS—*Logan, J. W. & Sons (Lumber & Planing Mills)
PATCHINSVILLE—*Patchin, John H.
PENN LINE—Phelps, O. J. (Saw Mill)
PENNSDALE—Parker, I. J. & Son (Saw Mill)
PENNSYLVANIA FURNACE—Brown, A. M. (Saw Mill)
PERKASIE—Benner, A. S. (Saw Mill)
PETERSBURG—*Longenecker & Roser
*Swope & Longenecker
PHILADELPHIA—§American Timber Co., Drexel bldg
Anderson & Slonaker ,Del av c Poplar
*Bear Creek Lumber Co. (Oak, Spruce, White Pine & Hemlock), Land Title bldg, Mills, Friendsville, Md.
*Beaver Creek Lumber Co. (Hemlock & Spruce), 119 S 4th
§Benners, W. J. & Sons (Hardwood), 30th bel Walnut
§Betts, Chas. M. & Co. (Pine, Cypress & Shingles), Real Est. Trust Co. bldg
*Blauvelt, W. S. & Co., Real Est. Trust Co. bldg
§Bliss & Van Auken, Betz bldg
§Bruner, Owen M. Co. (White & Yellow Pine & Hardwood, Maple Flooring, Rift Yellow Pine, Flooring a Specialty), Land Title bldg
§Bryan, Edw. R., 3701 Hamilton
§Buck, Daniel (Est.), 1505 N 5th
§Buffalo Lumber Co., Girard bldg
*Burton, E. P. & Co. (N. C. Pine), Land Title bldg
§Buzby, C. M. & Sons, 626 Wash'n av
§Casey, Jas. A. D., Provident bldg
§Cathrall, Eugene H., 5 Walnut
*Cherry River Boom & Lbr. Co. (W. Va. Spruce, Hardwoods, Cypress & Pine), Land Title bldg
*Coketon Lumber Co., Harrison bldg
Collins, Jos. H. & Son, Glenwood av c N 12th
*Colonial Lumber Co., Lippincott bldg
§Coolbaugh, C. C. & Son (Pine & Hardwood), 1215 Filbert
§Craig, Geo. F. & Co. (White, Yellow & N. C. Pine, Spruce), Drexel bldg
§East Falls Lumber Co., Wiehle n East Falls Station
§Empire Lbr. & Mining Co., Drexel bldg
§Este, Chas., Glenwood av nr N 20th
*Fox, W. M. & A. M., Jr., Arcade bldg
§Frambes-Difenderfer Lumber Co. (Hardwood, Cypress, White Pine & Chestnut) Real Est. Trust Co. bldg
§Fritz, Wm. H. & Co., Crozer bldg
§Garman, A. St. Clair, 1730 N 6th

§Gates, Jas. R., Manheim c Green, Gtn.
§Geissel & Richardson, Ridge av c Master
§Gillingham, Frank C. & Son Co., Norris n Richmond
§Givin, Anderson, Real Est. Trust Co. bldg
§Goodhue & Evans (Pine & Hardwood), Land Title bldg
§Hallowell, Eli B. & Co. (Hardwood, Pine & Cypress Lumber), Harrison bldg
§Hammer, Thos. B., Girard bldg
*Henry, Bayard & Co., Real Est. Trust bldg
§Himrod & Winchesten, Heed bldg
§Hoffman, T. B., Harrison bldg
§Holloway Lumber Co. (Hemlock, Hardwoods & N. C. Pine), West End Trust bldg
*Howard, C. B. Co. (Hemlock Lumber, Lath, Pickets), Land Title bldg
§Hunsicker, H. M., Fidelity Mutual Life bldg
§Irvona Lumber Co., Betz bldg
*Irwin, Jas. M. & Co., 2 Fairmount av
§Janney, Jos. W., 923 N Del. av
Jenkins, M. P. (White Pine & Hemlock), Betz bldg
§Kay, Robt. G. (W. Va. Spruce, also Pine & Hemlock), Girard bldg
§Kent, J. S. Co. (All Pine, Spruce & Shingles), Harrison bldg
§Ketcham, Benj. Jr., 229 N Broad
§Keystone Yellow Pine Co., Real Est. Trust Co. bldg
§Kirby & Hawkins (White & N. C. Pine, Hardwood & Ties), 26 S 15th
§Keystone Yellow Pine Co., Real Estate Trust bldg
§Kugler, Geo. W. & Sons, 921 New Market
§Levering, W. A. Co., 136 S 4th
*Lippincott, Robt. C. (Mich. & N. C. Pine, Hemlock & Mich. Maple Flooring), North Am. bldg
§Little, Jno. J., Land Title bldg
*Little River Lumber Co., Girard bldg
§Lloyd, Sam'l & Co., 1217 Filbert
§Lloyd, Wm. M. Co. (Ltd.), Ridge av c N 29th
§Lukens Bros. (Pine, Spruce, Hardwood & Shingles), 809 N Delaware av
*Lukens, Jesse & Co., 3400 N 6th
§McCormick, W. M. (White & N. C. Pine & Hemlock), Girard bldg
§McIlvain, J. Gibson & Co., S 58th c Woodland
§Malone, Watson & Sons, Pier 44, N Del. av
§Maus, H. H. & Co. (N. C. Yellow Pine, Shingles, Lath, Cypress, R. R. Ties, Poles, etc.), 416 Walnut
*Meadow Mountain Lumber Co. (Oak, Spruce, White Pine & Hemlock), Land Title bldg
*Miller & Miller (Spruce & Hardwood), Arcade bldg
§Nass, Geo. & Son N Broad & Vione
§North, Geo. F., 426 Berks
§Otter Creek Broom & Lumber Co. (Hemlock,) Witherspoon bldg
*Pamlico Lumber Co. (N. C. Pine), Land Title bldg
§Parry, Chas. K. (Ga. Flooring, Mich. White Pine & Long Leaf Dimension), Land Title bldg
§Patterson, Henry C. & Co. (All Kinds & Shingles), 904 N Delaware av
§Peart, Nields & McCormick Co., Harrison bldg
§Pennell, Edfund, Penna bldg
§Piedmont Springs Lumber Co., Heed bldg
§Producers' Lumber Co. †Yellow Pine), Land Title bldg
§Provident Lumber Co., Penn sq bldg
*Rawson, Wm. L., 1011 Chestnut
§Rhoads, I. H., Drexel bldg
*Rice, Thos. B. & Sons Co. (White Pine & Hemlock Lumber), Real Est. Trust Co. bldg
§Righter's W. Sons Co. (White Pine & Hemlock Lumber), Real Estate Trust Co. bldg
§Riley, Chas. S. & Co. (Pine & Hardwood), Girard bldg
§Roberts, Jesse (Est. of), 46 E. C. Hill av, C. H.
*Roper, Jno. L. Lumber Co. (N. C. Pine & Cedar Shingles), Girard bldg
§Rumbarger Lumber Co. (Red Oak, Cherry, Spruce & Hemlock), Harrison bldg
§Schofield Bros. (White Pine, Spruce, Hemlock, etc.), Penna bldg
§Shearer, Sam'l H. & Son, Crozer bldg
*Sheip, Henry H. Mfg. Co. (Cigar Box Lumber), 529 Columbia
§Slocum, Edwin P. & Co., Crozer bldg
§Smith, F. A. (Yellow Pine), 30th & Spruce
§Souder, E. A. & Co. (Pine & Cypress), Girard bldg
§Spiegle, Geo. M. & Co., Somerset c N 18th
§Stokes Bros. Co., 30th, below Chestnut
*Strong, Jas. & Co. (Hemlock, Poplar, Oak, White Pine & Chestnut), Real Estate Trust Co. bldg
§Talley, Thos. J. (Piling, Hemlock, Pine, Spruce & Oak Bill Stuff), Land Title bldg
§Ternan & White, 2711 N Broad
§Thompson, A. (Spruce & Hemlock), Betz bldg
§Thompson, Lewis & Co. (R. R. Ties & Posts), 127 Walnut
§Vrooman, S. B. Co. (Ltd.) (Yellow Pine & Mahogany), 1133 Beach
§Warner, Geo., Drexel bldg
§Weitzel, P. Elmer & Bros., 3120 Gtn. av
§Wheeler, R. B. & Co., Crozer bldg
§Whitmer, Wm. & Sons (Inc.), (Hardwood, White Pine & Spruce), Girard bldg
§Williams, Alex. O., 1855 N 6th
§Williams, J. R. & Co., Arcade bldg
§Williams, R. A. & J. J., 22d c York
*Williams & Van Roden (Ash, Poplar & Oak), German-Am. bldg
§Wire, C. N. & Co., 203 Walnut pl
§Wistar & Underhill, Real Est. Trust Co. bldg
Woddrop & Welch, Betz bldg

PHILLIPSBURG—†Hoover, G. W.
*Murray Lumber Co.

PHILLIPSVILLE—Moon Bros. (Saw & Shingle Mill)

PIGEON—*Amsler, E. E. (Lumber & Saw Mill)
*Forest Lumber Co.

PINE GROVE—*Boyer, Mahlon H. (Lumber & Saw Mill)
Fegeley, Morris (Saw Mill)
*Moshannon Lumber Co. (Lumber & Saw Mill)
Shultz, Wm. (Saw Mill & Timber)

PINKERTON—*Deal, Levi (Lumber & Saw Mill)
*Huston, H. C. (Lumber, etc.)

PITTSBURG—§American Lumber & Mfg. Co. (Timbers, Lumber, Glazed Factory Sash, Factory Mill Work, etc.), Publication bldg
§Babcock, E. V. & Co. (Hemlock, White and Yellow Pine and Maple Flooring, Hardwood and Shingles), Frick bldg
§Central Lumber Co., Park bldg
§Curll & Evans Lumber Co., Park bldg
§Eiler, Edward (Hemlock, Poplar, White and Yellow Pine Lath and Shingles), Arrott bldg
*Empire Lumber Co. (White & Yellow Pine & Maple Flooring), Arrott bldg
*Flint, Erving & Storner (White & Yellow Pine, Oak, Poplar & Hemlock White Pine Lath, Red Cedar, Pine Cypress & Hemlock Shingles), Farmers' B'k bldg
*Florala Saw Mill Co.
§Forest Lumber Co., Park bldg
*Furnace Run Saw Mill & Lumber Co. (White Pine, Hardwood, Bridge Timbers, Car Stuff, Telegraph Poles & Street R. R. Ties), 246 3d av. Mills, Furnace Run, Pa.
§Gillespie, D. L. & Co. (Pitch Pine, etc.), 541 Wood
§Glenn-Kline Lumber Co. (Ties, Poles & Piling), 5941 Baum
§Gordon, Wm. G. (Yellow Pine), Lewis blk
§Hastings, J. M. Lumber Co. (Yellow Pine), 541 Wood
*Huster, H. C. Lumber Co., 307 4th av
§Interior Lumber Co., Smith blk
§Keystone Lumber Co., ft of S 17th
*Lamona Lumber Co. (Hemlock & Wholesalers in White, Norway & Yellow Pine), Park bldg
*Lindsay, J. H. Lumber (White & Yellow Pine, Oregon Fir, Hardwood, etc.), Farmers' Bank bldg
§McIlvain, J. E. & Co., House bldg
§Mead & Speer (Wholesale Lumber, Lath, Shingles, R. R. Ties, Bridge Timbers, etc.), Park bldg
§Mitchell, W. I., Schmidt bldg
§Munhall, R. J. Lumber Co., S 22d & Wharton
§Nicola Bros. Co. (Red Cedar Shingles, Gum, Cottonwood, Hardwoods, Maple Flooring, etc.), Farmers' Bank bldg
§Noble, John H., Murtland bldg
*Ruskauff Lumber Co., Park bldg
§Satler, L. L. Lumber Co., Bessemer bldg
§Schuette, Wm. M. Co., Ferguson blk
*Sizer, Robt R. & Co. (Southern Pine), Frick bldg
§Terhune, W. E. & Co. (White & Yellow Pine & Hemlock), Park bldg
§Thompson, Dwight, House bldg
Wallace, J. I., Bissell blk
West Virginia Lumber Co., 335 Water
Wheeler, J. R. & Co. ,Pattern, Templet, Flask & Tank Lumber, Roofing & Furring Strips, Yellow Poplar for Carriage & Piano Mfrs.), Park bldg
§Wigman Lumber Co., 48 S 18th
§Wilson Bros. (Lumber, Lath & Shingles), Farmers' B'k bldg

PITTVILLE—*Hindman Lumber Co.
PLEASANT MOUNT—Spencer, D. E. (Saw Mill)
POCOPSON—Denton, Joseph S. (Saw Mill)
POND HILL—Boyle, Aaron (Saw Mill)
PORT ALLEGANY—*Arnold & Dolly (Lumber & Saw Mill)
*Dalrymple, E. P. (Lumber & Saw Mill)
*Dalrymple, Cutter & Co. (Lumber & Saw Mill)
Romley, F. E. & Co. (Lumber & Saw Mill)

PORTERFIELD—Keefer, W. L. (Saw Mill)

POTTSVILLE—Beecher, J. W. (Mine Lumber, etc.)
Beecher & Boyer (Mine Lumber)
Beecher & Co. (Lumber)

REXIS—*Vinton Lumber Co. (Ltd.), (Hemlock)
REYNOLDSVILLE—Ludwig, L. (Saw Mill)
RIDGWAY—*Gardner Shingle Co. (Shingles & Lumber)
*Hyde, W. H. & Co.
*Hyde & Thayer
Murphy Dry Kiln Co. (Lumber)
*Thayer, H. S.

ROCKWOOD—*Barron Bros.
Woif, Penrose (White Oak, etc.)

READING—*Lance, Geo. F. (Walnut, Cherry, Shingles, etc.), 2d & Walnut
*Thalheimer, A. & Son, 141 Cedar

RICKETS—*Trexler-Terrell Lumber Co. (Hemlock, Spruce, etc.)
ST. CLAIR—*Reichley Bros. (Mine Timber)
ST. MARY'S—*Kaul, J. & A.
*Kaul & Hall Lumber Co.
*Penn. Lumber Co.
*Portland Lumber Co.

ST. PETERSBURG—*Bell Bros.
SCRANTON—*Alamogordo Lumber Co., 405 Board of Trade
Allegheny Co., Traders' Bk. bldg
*Ansley, Jos., Jr. (Shingles, Flooring, etc.), 801 Scranton
§Bellhaven Lumber Co., Traders' Bk. bldg
§Chapman & Hull, Board of Trade bldg
*Cherry River Boom & Lumber Co , Board of Trade bldg
§Connell, Wm. A., Connell bldg
§Davenport, John D., Board of Trade bldg
*Florence Lumber Co.
§Lackawanna Lumber Co. (Hemlock & Hardwood), Board of Trade bldg
§Newman, J. J. Lumber Co., Board of Trade bldg
§Price & Howarth, 1001 N Wash'n av
*Scranton Lumber Co., 207 E Market
§Scranton & North Carolina Land & Lumber Co., 1401 Remgtn. av
*Washburn, Williams & Co., 119 Meriden

SHAMOKIN—*Kulp Lumber Co.
*Kulp, M. H. Lumber Co.
§Nagle, M. F.
*Shamokin Lbr. & Mfg. Co.

SHIPPENSBURG—Burns, H. & Co. (Saw Mill)
SMETHPORT—*Gifford, Seth J.
*Gifford, Warley

SOUDERTON—*Souder, Wm. (Saw Mill)
SPRING MILLS—*Finkel, A. N. (White Oak & Pine)
STATE RUN—*Weed, J. B. & Co.
SUNBURY—Clement, Ira T. (est.), (Planing Mill)
Laurelton Lumber Co. (Hardwood & Mining Timber)
*Linden Hall Lumber Co.
*Whitmer, Wm. & Sons (All Kinds)

TAMAQUA—Zehner, Jacob (Saw Mill)
TIDIOUTE—*Hunter, L. L.
*Porterfield & Grandin
Stiliman, J. A. (Saw Mill)

TIONESTA—*Agnew, Braden & Co.
*Dale, J. T. & A. H.
*Foreman, H. M. (Lumber & Ties)
*Gaston, G. G. (Lumber & Saw Mill)
*Kelly, A. B. (Lumber)
*Landers & Wyman (Lumber)
*Lawrence & Smearbaugh
*Osgood & Jameson (Lumber)
*Robinson, G. W. (Saw & Planing Mill)

TITUSVILLE—*Newton Bros.
*Thompson & McCabe (Hemlock Lumber & Shingles)

TOWANDA—Ellenberger, S. B.
Ellenberger & Yeager
Yeager, William J.

TYRONE—Beyer, F. D. & Co.

URSINA—*Davis, J. B. (White Oak, Poplar, etc.)
*Van Sickel, E. (White Oak, etc.)
VOWINCKLE—*Bowman Lumber Co.
WARREN—§Myers, M. A.
*Rogers, B. W. (Hemlock, Pine, Hardwood Flooring, Mouldings, Lath, Shingles, House Finish, etc.)
*Wetmore Lumber Co.
WESTPOINT—Thomas, Allen (Saw Mill)
WHITE HAVEN—Barry, Jacob (Saw Mill)
WILKINSBURG—§Fuller, E. D.
WILLIAMSPORT—*Bowman, Forseman Co. (Hemlock, etc.)
*Breon, George B.
*Brown, Clarke & Howe (Lumber, Lath, Paling etc.)
*Coleman, John (Hemlock, etc.)
Deemer, Elias & Co.
*Emery Lumber Co. (Hemlock, Long, Large Bills)
Gilmore Colver Johnson
*Hall, John L.
*Kavanaugh, Daniel
Keystone Lumber Co.
*Miller Lumber Co.
*Payne, Cochran & Co.
*Righter's, W. Sons & Co. (White Pine & Lumber, etc.)
*Sones, C. W.
*Weis, Chas. W.
*West Branch Lumber Co.
*Williamsport Land & Lumber Co.
*Williamsport Planing Mill Co.
*Woolverton & Tinsman
WINBURNE—*Merritt, B. & Son
WINDBER—Coons & Kough (Saw Mill)
WOODBURY—Frederick, Adam (Saw Mill)
WYALUSING—*Ellsworth & Stevens (Shingle Mill)
*Welles, M. H. & G. H.
*Welles, N. A.
YORK—*Billmeyer & Small Co. (Hemlock, White Pine & Oak)
*Parkhurst & Co.
YOUNGSVILLE—*McDowell & Briggs (Hardwood)

RHODE ISLAND.

FOSTER CENTRE—Searle, Franklin V. (Saw Mill)
Spear, Geo. & Wm. (Saw Mill)
PROVIDENCE—§Angell, H. M., 49 Westminster
§Gage, L. H. Lumber Co. (Hardwood), 32 Westminster
§Kile & Morgan, 32 Westminster
*Potter, J. A. & Co. (Southern Pine, etc.), Union Trust bldg
§Talbot, L. H. & Co., 43 N Main
§Warner, Wm. A. (Commission), Banigan bldg
WASHINGTON—Hopkins, Clinton (Saw Mill)

SOUTH CAROLINA.

ALCOLU—*Alderman, D. W. & Sons Co.
ALLENDALE—Bryan Bros. (Saw Mill)
BARR'S LANDING—Caughman, G. P. & Bro. (Saw Mill)
Smith, H. D. (Saw Mill)
BATESBURG—*Batesburg Lumber Co.
Rawl, J. J. & Son (Saw Mill)
BELLS—Bryan, F. & W. (Saw Mill)
Caldwell, T. H. (Saw Mill)
BLACKVILLE—Hair, J. E. & Son (Saw Mill)
BLYTHEWOOD—Langford, G. Y. & Sons (Saw Mill)
BOWYER—McCoy, A. E. (Saw Mill)
BUCKSPORT—*Richardson Cypress Lumber & Shingle Co.
CADES—Wilson Bros. (Saw Mill)
CAMERON—Haigler, T. S. (Saw Mill)
CHAPLIN—Robinson, C. P. (Saw Mill)
CHARLESTON—§Anderson Lumber Co. (Lumber, Ties & Shingles)
§Burton, E. P. & Co.
*Halsey, E. L. (Est. of)
§Southern Hardwood Co.
CHICKS SPRINGS—Taylor, Alfred & Son (Saw Mill)
CONWAY—*Raper, D. W. & Co.
CORDESVILLE—Avinger, R. E. M. (Saw Mill)
COTTAGEVILLE—Ackerman, C. K. & Co. (Saw Mill)
Ackerman, J. D. & Bro. (Saw Mill)
CROFTS—Rawl, D. B. (Saw Mill)
DARLINGTON—Beck, P. C. (Saw Mill)
DENMARK—*Miller Lumber Co.
DOVESVILLE—Coker & Edwards (Saw Mill)
Young, W. D. (Saw Mill)
EARLY BRANCH—*Tuliffinic Lumber Co.
EDGEFIELD—Outz, J. P. (Saw Mill)
EFFINGHAM—*Dorgan Lumber Co. (Saw Mill)
EHRHARDT—Donnelly, J. M. (Saw Mill)
Ehrhardt, C. & Sons (Saw Mill)
ELLENTON—Savannah Valley Lumber Co. (Saw Mill)
ELLOREE—Tilley, D. E. (Saw Mill)
FAIRFOREST—Carver, W. E. (Saw Mill)
FERGUSON—*Santee River Cypress Lumber Co.
FLORENCE—*Florence Lumber Co.
FORT HILL—*Benedict-Love Co.
GEORGETOWN—*Atlantic Coast Lumber Co.
*Barnes, E. H. Co. (Lumber & Box Shooks)
*Gardner & Lacey Lumber Co.
*Georgetown Lumber & Timber Co.
Marks, Moses & Bro. (Saw & Planing Mills)
GREENVILLE—*Mallard Lumber Co. (Yellow Pine)
GREENWOOD—*Snead, W. J. Lumber Co.
HAMPTON—*Coosawhatchie Lumber Co.
*Hampton & Branchville Ry. & Lumber Co.
HOLLY HILL—Schuler, T. W. (Saw Mill)
HONEY HILL—Henderson, Wm. (Saw Mill)
KERSHAW—Baker, J. R. (Saw Mill)
KINGSVILLE—Trumble, Edwin (Saw Mill)
LEESVILLE—Barr, C. D. (Saw Mill)
LEWIEDALE—Smith, H. R. (Saw Mill)
LEXINGTON—Barre, W. W. (Saw Mill)
*Lexington Lumber Co.
*Roof & Barre Lumber Co. (Lumber & Saw Mill)
LORENA—Shiry, Geo. C. (Saw Mill)
LORIS—*Bryant, J. C.
Butler, J. G. (Saw Mill)
LOWREYVILLE—Abell, J. L. (Saw Mill)
LUGOFF—Jones, J. N. (Saw Mill)
LUMBER—*Bridgers & McKelthan Lumber Co. (Lumber & Saw Mills)
McBEE—Austin Bros. (Saw Mill)
Austin, W. B. & Son (Saw Mill)
Bolin, A. & J. B. (Saw Mill)
Boyd & Talley (Saw Mill)
Cron, J. H. (Saw Mill)
Cron, Jos. (Saw Mill)
Monroe & Spencer (Saw Mill)
Norris, F. M. & Son (Saw Mill)
McCLELLANVILLE—Leland, H. G. (Saw Mill)
Lofton, H. M., Jr., & Co. (Saw Mill)
Morrison Bros. (Saw Mill)
McCALL—McLaurin, W. S. (Saw Mill)
MARS BLUFF—Rankin, W. L. & Bro. (Saw Mill)
MARTIN—Ellis, T. B., Jr. (Saw Mill)
NORWAY—Spires, H. S. (Saw Mill)
Tatum, W. D. (Saw Mill)
OAK GROVE—Fore, T. E. (Saw Mill)
OAKWOOD—Turner & Johnson (Saw Mill)
ORANGEBURG—Hughes, E. (Saw Mill)
King, B. F. & Son (Saw Mill)
Payne, Chas. J. (Saw Mill)
PATRICK—*Watson, S. M. & Co. (Shingles)
PEAK—Eargle, P. E. (Saw Mill)
Jacobs, G. W. (Saw Mill)
PICKENS—Keisley, J. E. (Saw Mill)
PINEWOOD—Brown, D. W. (Saw Mill)
POWELLVILLE—Bryant, J. C. (Saw Mill)
Derham, J. P. & Co. (Saw Mill)
PROSPERITY—*Wheeler, D. H. (Lumber & Saw Mill)
RIDGEVILLE—Thrower, D. E. (Saw Mill)
ROWESVILLE—Dukes, I. J. (Saw Mill)
Simmons, Jno. F. (Saw Mill)
RUBY—Batten, D. A. (Saw Mill)
ST. GEORGE—Wimberley, Jno. S. (Saw Mill)
ST. MATTHEWS—Wannamaker, J. E. (Saw Mill)
Wannamaker, W. S. (Saw Mill)
Zeigler & Caln Milling Co. (Saw Mill)
ST. STEPHEN—Russell, W. P. (Saw Mill)
SALLEY—Boyleston, M. E. (Saw Mill)
SARDIS—Hudson, E. E. & Co. (Saw Mill)
SAWYERDALE—Reed, C. P. (Saw Mill)
SCRANTON—Progressive Milling Co. (Saw Mill)
SENECA—Hamilton, W. O. (Saw Mill)
SPRINGFIELD—Rice & Holman (Saw Mill)
SWANSEA—Rast, W. B. (Saw Mill)
TROY—White & Puckett (Saw Mill)
UNION—Bailey Lumber & Mfg. Co.
*Union Hardware Mfg. Co.
VEXDERY—Devlin, R. H. (Saw Mill)
WESTMINISTER—Hall, T. N. (Saw Mill)
WEST UNION—Rowland, D. H. (Saw Mill)
Shackley, J. C. (Saw Mill)

TENNESSEE.

ALVA—*Bickford, H. K. Lumber Co.
BIG SANDY—Wyatt, J. H. (Staves)
BRISTOL—Gillett, E. A. & Sons (Saw Mills)
*Morton, Lewis & Willey Lbr. Co.
Rexford & Collins (Saw Mill)
*Stone-Huling Lbr. Co.
*Strong, Jas. Lumber Co. (Poplar, Oak & Chestnut)
BROWNSVILLE—§Blackwell, F. J. Co. (Hardwood, etc.)
BUCKEYE—*Youmans Lumber Co.
CHATTANOOGA—*Blair, F. W. (Poplar, Oak, Ash, etc.)
§Brenners, Ferd. Lumber Co. (Wholesale & Exporters)
§Card, J. M. Lbr. Co. (Wholesale & Exporters)
§Central Mfg. Co. (Lumber for Electrical Work, Flooring, Siding, Shingles, etc.)
*Chattanooga Lumber Co.
*East Tennessee Lumber Mfg. Co.
*Keyser Mfg. Co. (Hardwood)
*Loomis & Hart Mfg. Co. (Saw & Planing Mills)
*Snodgrass & Field
CLARKSVILLE—*Cunningham, E. W.
CLIFTON—Newcomb, W. H. (Saw Mill)
CLOVER BOTTOM—Bachman, E. H. (Saw Mill)
COBLE—Cagle Bros. (Saw Mill)
COLLIERVILLE—Campbell, A. J. (Saw Mill)
Davis, R. J. (Saw Mill)
Kirk, Felix (Saw Mill)
COLUMBIA—*Harris & Cole Bros. (Poplar, Bored Columns)
COOKESVILLE—Dow, D. L. (Saw & Planing Mill)
Nicholas, H. M. (Saw Mill)
*Whitehouse & Dyer (Hickory & Oak Shaved Hoops)
COVINGTON—*Hatchie River Lumber & Stock Co
Strange, W. H. (Saw Mill)
Ward, T. (Saw Mill)
COWAN—Fuqua, Woods Co. (Lumber & Staves)
CROSSVILLE—*Powell Lumber & Mining Co.
*Smith, Gabriel Lumber Co. (Saw Mill)
CRAGGIE HOPE—Treanor Bros. (Saw Mill)
CRANDELL—*Empire Lumber & Mining Co.
CUMBERLAND FURNACE—*Swift & Althauser
DUCKERTOWN—*Tennessee Cooperage Co.
DYERSBURG—*Stevens, A. M. Lumber Co.
ELIZABETHTOWN—*Hirschberg, H. (Pine, Cypress & Hardwood)
ELK VALLEY—*Commercial Lumber Co.
Whiting Lumber Co. (Planing Mill)
GREENVILLE—*Adams, T. T. (Hardwood, all Kinds)
JACKSON—*Coleman, W. H. Co. (Tight Barrel Circled Headings, etc.)
JOHNSON CITY—*Buck, J. M. Lumber Co. (Hardwood
KNOXVILLE—*Cooley Bros.
*English, J. L. & Co.
§English & Co. (Exporters & Mfrs.)
§Logan, J. M. & Co.
§Michaels, T. M.
*Rose, D. M. & Co.
*Ross, McMillan & Co.
§Saxton & Co. (Hardwood)
LEBANON—*Strong, Nolen Mfg. Co.
LEWISBURG—Houston & Liggett
LOUDEN—*Tennessee Lumber Co.
McMINNVILLE—*Brown, Geo. C. & Co. (Hardwood, Tenn. & Ala. Red Cedar, Lumber, etc.)
MEMPHIS—*Allen, T. B. & Co. (Hardwood), Randolph bldg
*Anderson-Tully Co. (Box Shooks, etc.), N 2d & I. C. R. R.
Applewhite & Welford (Tight Cooperage & Supplies)
§Arthur Lbr. Co. (Southern Hardwoods), Randolph bldg
*Baker Lumber Co., Porter bldg
*Bennett Hardwood Lumber Co.
§Blanton-Thurman Lbr. Co. (Yellow-Miss. Cypress), Randolph bldg
*Bodman, Pettit Lumber Co. (Hardwood), 13 Cotton Exch
Braughton & Co. (Hardwood)
*Buck, C. H., Jr., & Co., Randolph bldg
*Chickasaw Cooperage Co. (Cooperage Materials, etc.)
*Cochran Lumber Co. (Cottonwood, Box Shooks, etc.), Keel, opp N Main, Chelsea
*Cole Mfg. Co., 27 Hernando
*Darnell, I. M. & Son Co. (Hardwood), 96 McLemore, av
*Darnell, R. J. (Hardwood), Florida av nr Gaines
De Soto Lumber & Mfg. Co., 27 Planters' Ins. bldg
*Dickson, J. W. Lbr. Co. (Oak, Ash, Gum, Cottonwoods, etc.), Wolf River, & I. C. R. R. Bridge
*Friedel, P. R. & Co. (Long Leaf Yellow Pine & Oak)
§Gage, L. H. Lumber Co., So. Ex. bldg

*Gladden Lumber Co. (Hardwood), Kansas av nr Divlsion
§Goodlander-Robinson Lumber Co. (Poplar, Whlte & Red Oak), 1116 Kansas av
Hale & Crenshaw Co., 3 Madlson
*Hardwood Co. (Hardwood), N 2d & I. C. R. R.
*Holmes, J. A. Lumber Co., I. C. R. R. nr Randolph rd
*Houston Bros., Porter bldg
*Hoyt, Woodin Mfg. Co., Randolph bldg
Jordan, J. P. & Co., 358 2d
*McCausland, A. J. Lbr. Co. (Oak, Ash, Gum & Cottonwoods)
Memphis Stave Mfg. Co. (Slack Barrel Staves)
§Meredith, J. P. Cedar Co. (Red Cedar, Piling, Poles & Posts). Equitable bldg
*Moore & McFerren (Hardwood), Henry
Ray, B. F. & Co., 385 2d
*Russe & Burgess (Hardwood for Export & Domestic Consumption), Randolph rd & I C R R
*Scratcherd & Son, Brinkley av c L & N R. R.
Stark, Jas. E. & Co., Randolph bldg
*Taenzer, E. E. & Co. (White & Red Oak, Ash, Satin Walnut, Poplar, Thin Sizes a Specialty), 183 Florida av
Tennessee Lumber Co., 41 Madison
*Thompson, J. W. Lumber Co. (Hardwood, Oak, Ash, Poplar, Cypress, etc.), Randolph rd & I C R R
*Union Mfg. Co. (Walnscoating, Parquet, Strips, Chair Stock, etc.)
§Watts & Schaefer (Oak, Ash, Poplar, Gum & Cottonwoods, etc.), 8 W Court
Weise, Jacob & Sons (Hickory Spokes, etc.)
*Willlams & Co. (Poplar & Oak), 371 2d

MURFREESBORO—*Earthman, W. B. & Co. Red Cedar, Hardwood, Fence Post, Bevel Poplar, Sidlng & Yellow Pine Ceilling)
NASHVILLE—*Atlantic Lumber Co. (Hardwood)
*Davidson, W. V. Lumber Co. (Poplar, Oak, Ash, etc.)
*Dodge Lumber Co.
*Hayes, A. L. Co. (Lumber & Tight Barrel Staves, etc.)
*Indiana Lumber Co. (Hardwood)
*Lieberman, Loveman & O'Brien
*Love, Boyd & Co. (Oak, Ash, Poplar, Chestnut, Sycamore, Hickory, Rough & Dressed)
*Prewitt, Spurr & Co. (Hardwood)
*Ransom, John B. & Co. (Hardwood & Tenn. Red Cedar)
*Van Valkenburg Lumber Co.
NEW RIVER—*New River Lumber Co. (Hardwood)
POCAHONTAS—*Pocahontas Lumber Co. (Yellow Pine)
POTTSVILLE—*Tennessee Lumber Co.
PULASKI—*Pitman, T. W. & Co. (Poplar, Oak, Ash, etc.)
RIDGELEY—*Brondon Bros. (Lumber & Shingles)
SHELBYVILLE—Murray & Hubberlin (Hoops & Headings)
SOUTH PITTSBURG—Haskew Lumber Co. (Saw Mill)
SPARTA—Carter & Bronson (Saw & Shingle Mill)
Tubbs & Butler (Staves)
TIGER TAIL—Tiger Tail Mill & Land Co. (Cottonwood, Poplar, Gum & Oak)
UNION CITY—*Askins & Dircks Lumber Co. (Poplar, Oak, Ash & Gum, Furniture, Dimenslon & Baluster Stock)
WAVERLY—Young, J. D. (Saw Mill)

TEXAS.

ANGELINA—*Cameron, Wm. & Co.
ARNOLD—*Trinity River Lumber Co. (Yellow Pine)
AVINGER—*Brown Lumber Co. (Yellow Pine)
BEACH—*Trinity River Lumber Co. (Yellow Pine)
BEAUMONT—Bartholomew Lumber Co. (Saw Mill)
*Beaumont Lumber Co. (Yellow Pine)
*Bonner & Landry (Lumber & Cypress Shingles)
Fall, Henry B. (Yellow Pine)
*Industrial Lumber Co. (L. L. Yellow Pine)
*Keith Lumber Co. (Yellow Pine)
*Nona Mills Co. (Yellow Pine)
*Reliance Lumber Co. (L. L. Pine, Crossties, R. R. Timbers, Car Sills, Flooring, Ceiling, Siding & Finish, Domestic & Export)
Sabine Tram Co.
*Smythe, Geo. W. (Yellow Pine)
*Texas Tram & Lumber Co. (Pitch Pine Exporters)
Village Mills Co. (Yellow Pine)
BOREN—*Smith, Cicero (Yellow Pine)
BOYTONS—Fall, Henry B. (Yellow Pine)
CALL—*Cow Creek Tram Co. (L. L. Yellow Pine; also Export R. R. Material a Specialty)
CAMDEN—*Carter, W. T. & Bro. (Yellow Pine)
CLAWSON—*Clawson Lumber Co. (Yellow Pine)
CLINE—*Foster Lumber Co. (Yellow Pine)
CLINESBURG—*Trinity River Lumber Co. (Yellow Pine)
CONROE—*Keystone Mills Co. (Yellow Pine)
DALLAS—*Clark & Boise Lumber Co. (Yellow Pine)
*Conway, Leeper Co. (Lumber & Shingles)
*Craven Lumber Co. (Yellow Pine Lumber & Cypress Shingles)
*Dedley Lumber Co. (Yellow Pine Lumber & Cypress Shingles)
*Ford & Isbell (Lumber Shingles & Soft Short Leaf Finish)
*Godley, R. B. Lumber Co.
§O'Neil, W. H. & Co.
§Roberts, Sterling G.
§Roth, W. H. & Co.
DENISON—*Hanna, Patrick
DIBOLL—*Southern Pine Lumber Co. (Yellow Pine)
DOUCETTE—*Sunset Lumber Co. (Yellow Pine)
ELMIRA—*Walker County Lumber Co. (Yellow Pine)
EMPORIA—*Emporia Lumber Co. (Yellow Pine)
FT. WORTH—§Cowley, J. D. Lumber Co.
*Ford & Isbell
§Frye, R. L. (Lumber & Cypress Shingles)
§Menefee Bros.
§National Lumber Co.
§Reynolds-Hanna Lumber Co.
§Texas Tie & Lumber Co.
FOUKE—*Iowa Lumber Co. (Yellow Pine)
GALVESTON—*Darlington-Miller Lumber Co., (Yellow Pine)
*Moore & Goodman (Lumber, Lath & Shingles)
§Sachs, Hugo (Yellow Pine, Cypress Lumber & Shingles)
§Wilson, D. M. & Co. (Piling & R. R. Material)
GILMER—*Commercial Lumber Co. (Yellow Pine, Lumber & Shingles)
GROVETON—*Trinity County Lumber Co. (Yellow Pine)
HAMPTON—*Fleming, D. H. & Son (Band Sawed, L. L. Yellow Pine)
HARLETON—Silax Lumber Co.
HOUSTON—Beatty & Swinford
§Beaver Lumber Co.
*Bender, C. & Sons
*Bering Mfg. Co. (White & Yellow Pine, Cypress, Mouldings & Exterior Finish)
§Bertrand, J. T. Lumber Co.
*Big Tree Lumber Co. (Yellow Pine Lumber & Red Cedar Shingles)
§Brown, R. S.
§Burkitt & Barnes (Lumber, Ties & Timber)
§Burton Lumber Co. (Mouldings, Shingles, Cedar & Cypress Posts, etc.)
*Campbell, James I. (Yellow Pine, Red Cedar, Lumber, Posts & Shingles)
§Central Lumber Co. (L. L. Yellow Pine, La. Red Cypress, etc.)
*Continental Lumber Co. (Yellow Pine, Cypress, Shingles, etc.)
*Cummings, C. R. & Co. (Exporters, Hardwood)
*Emporia Lumber Co. (L. L. Yellow Pine, La. Red Cypress, Lath & Lumber, Shingle, etc.)
§Fall, W. Eliot
§Harrell, Ed. H. Lumber Co. (L. L. Yellow Pine, La. & Cypress Lumber, Interior Finishings, etc.)
§Hill, J. C. Lumber Co. (Lumber & Shingles)
*House, Henry (Lath, Shingles, Mouldings, Ceilings, etc.)
*Houston Co-Operative Mfg. Co.
§Houston-Texas Lumber Co.
§Inter-State Lumber Co.
*Jones, M. T. Lumber Co. (L. L. Yellow Pine & Shingles)
§Jones, Jesse H. & Co. (L. L. Yellow Pine, La. & Red Cypress Shingles, etc.)
*Norris, W. H. Lumber Co. (L. & S. Leaf & Yellow Pine Lumber & "Gilbert's" Shingles)
§Peabody, O. S.
§Ranger Hardwood Export Co. (Exporters Hardwood)
§Schureman, A. J. (Yellow Pine & Cypress Shingles, Yellow Pine Finish, Flooring, Ceiling & Siding, Bridge Material, Cypress, Bevel Siding, etc.)
*Swinford, S. T. Co. (Yellow Pine)
*Teichman Mfg. Co. (Shingles, Lattice, Blind Trimming, etc.)
*Texas & Louisiana Lumber Co. (Yellow Pine & Red Cypress Lumber, Lath, Pickets, Posts, Timbers, Ties, etc.)
*Trinity River Lumber Co. (L. & S. Leaf Pine, Lumber & "Gilbert's" Shingles)
*Ware Lumber Co. (L. L. Pine Lumber, Interior Finish, Flooring, Fencing, etc.)
HYATT—*Rice, J. S. & W. M. (Rough & Dressed L. L. Yellow Pine)
JEFFERSON—*Torrans Mffg. Co. (Yellow Pine)
JOSSERAND—*Josserand Lumber Co. (Yellow Pine)
KELTYS—*Angelina Lumber Co.
KENNARD—*Central Coal & Coke Co. (Yellow Pine)
KILDARE—*Bivens, Frank Lumber Co. (Yellow Pine)
LONGVIEW—*Brown, R. G. (Yellow Pine)
*Brown & Flewellen (Yellow Pine)
LODWICK—*Lodwick Lumber Co. (Yellow Pine)
LUFKIN—*Lufkin Land & Lumber Co. (Yellow Pine)
MOSCOW—*Carter, W. T. & Bros.
NACOGDOCHES—*Galloway & Wright Lumber Co. (Yellow Pine)
NEVADA—*Nevada Lumber Co.
NEW CANEY—*Cudlipp, Geo. (Yellow Pine)
NEW WAVERLY—*Oliphant Lumber Co. (Yellow Pine)
NOEL—*Drikell, D. C. & Bro. (Yellow Pine)
OLIVE—*Olive & Sternenberg (Yellow Pine)
ORANGE—*Bancroft Lumber Co. (Yellow Pine)
*Crow Creek Tram Co. (Yellow Pine)
*Gilmer, A. (Yellow Pine)
*Jones, M. T. Lumber Co. (L. L. Yellow Pine, Shingles, etc.)
*Lutcher & Moore Lumber Co. (Yellow Pine)
*Lucher & Moore Lumber Co. (Calcasieu Yellow Pine, R. R. & Bridge Materials a Specialty; also Exporters)
*Miller, L. Lumber & Shingle Co.
*Orange Lumber Co. (Yellow Pine)
*Sabine Export Co. (Pitch Pine Exporters)
*Wingate, D. R. Lumber Co. (Yellow Pine)
PINE VALLEY—*Sloan, L. T. & Sons (Yellow Pine)
PORT ARTHUR—*Cummings, C. R. (Hardwood)
ROCKLAND—*Cameron, Wm. & Co. (Yellow Pine)
SABINE PASS—*Consolidated Export Lumber Co. (Pitch Pine Exporters)
*McReynolds, R. A. & Co. (Yellow Pine)
SAN ANTONIO—*Vaughn Lumber Co. (Yellow Pine)
SARON—*Cameron, Wm. & Co.
TENAHA—*Tenaha Lumber Co. (Yellow Pine
TERRELL—*Powers Lumber Co.
TEXARKANA—*Buchanan, Wm. (Yellow Pine)
*Central Coal & Coke Co. (Yellow Pine)
*Ferguson, W. T. Lumber Co. (Yellow Pine)
*Iowa Lumber Co. (Yellow Pine)
*Sabine Valley Lumber Co. (Yellow Pine)
*Southern Pine Lumber Co. (Yellow Pine)
*Whitaker, Willis Lumber Co. (Yellow Pine)
TIMBER—*Darlington-Miller Lumber Co. (Yellow Pine)
TIMPSON—*Ragley, W. G.
TRINITY—§Peyton, John B.
TYLER—*Tyler Car & Lumber Co. (Yellow Pine)
VOTH—*Keith Lumber Co. (Yellow Pine)
WACO—*Brazelton & Johnson (Cypress Lumber & Shingles & Yellow Pine)
*Burr Lake Wood Mfg. Co.
*Cameron, Wm. (Yellow Pine & Red Cypress Lumber & Shingles, Lath Mouldings, Piling,, Ties, Poles, Posts, etc.)
WARREN—*Texas Yellow Pine Co. (Yellow Pine)
*Warren Sand & Lumber Co. (Yellow Pine)
WAUKEGAN—*Keystone Mills Co. (Yellow Pine)
WELLS—*Arkansas Lumber Co.
WESTVILLE—*West Lumber Co. (Yellow Pine)
WILLARD—*Thompson & Tucker Lumber Co. Yellow Pine)

UTAH.

PROVO CITY—§Ward, E. J. & Sons (Lumber, Lath, Shingles, etc.)

VERMONT.

BARTON LANDING—*Chandler, F. L. Co.
*Skinner, French & Co.
BARTONSVILLE—Lawrence, M. R.
BENSON—Fowler, J. M. (Saw Mill)
O'Donald, Nelson (Saw Mill)
BETHEL—Cushing, C. D. (Saw Mill)
Edmunds, W. H. (Saw Mill)
BRATTLEBORO—*Doolittle, Murton A.
*Holden & Martin (Wood Mantels, Stair Finish, Boxes, Interior Finish)
Johnson, Chas. C. (Saw Mill)
Lamson, C. B. & Co. (Cigar Box Mfrs.)
BRISTOL—Lathrop, Noah (Saw Mill)
BURLINGTON—*Booth, J. R. (Lumber & House Finish)
§Crane, W. & D. G. (also Packing Boxes)
Robinson-Edwards Lumber Co. (Pine & Hard wood, Lath, Shingles & Flooring)
*Shepard & Morse Lumber Co. (Canadian & Western Pine)
CHELSEA—Goodwin & Davis
CHITTENDEN—Atwood, L. E. & Son (Saw Mill)
CUTTINGSVILLE—Jones, D. G. (Saw Mill)
DANBY—*Griffith, S. L.
Risdon, D. C. & W. I. (Saw Mill)
EAST ARLINGTON—Griffith & McIntyre (Saw Mills)
Grout, J. T. (Saw Mills)
EAST BARNET—Randall, John M. (Saw Mill)
Roy Bros. (Saw Mill)
EAST DUMMERSTON—Crosby, F. F. (Saw Mill)
EAST ELMORE—Hallenbeck, P. A. (Saw Mill)
EAST HARDEWICK—Keith, Clinton (Saw Mill)
EAST POULTNEY—Mears, Jos. (Saw Mill)
EAST RANDOLPH—Camp, D. J. (Saw Mill)
EAST RYEGATE—Smith, W. J. (Saw Mill)
ESSEX JUNCTION—Brownell, S. A. & C. B. (Saw Mill)
FAIRFIELD—McGinn, Owen (Saw Mill)
FAIRLEE—Perkins, S. W. (Saw Mill)
Sampson, George W. (Saw Mill)
FOREST DALE—Churchhill, George H. (Saw Mill)
GLEN—Leonard, W. C. (Saw Mill)
GREEN RIVER—Richmond, Solan A. (Saw Mill & Boxmaker)
Stowe, Hy. S. (Saw Mill)
GREENSBORO—Ritchie, R. A. (Saw Mill)
GREENSBORO BEND—Robbins, L. E. (Saw & Planing Mill)
GROTON—Ricker, A. H. (Saw Mill)
GUILDHALL—*Holmes, V. R.
HALE—Merrifield, Hy. (Saw Mill)
HARDWICK—Sawyer, C. M. (Saw Mill)
Tucker, M. E. (Saw Mill)
Wheeler & Shipman (Saw Mill)
HARTFORD—French, Watson & Co. (Saw Mill)
HUNTINGTON CENTER—Hanks, W. E. (Clapboards)
HYDE PARK—Scofield, John S. (Saw Mil)
ISLAND POND—*Fitzgerald Land & Lbr. Co.
JOHNSON—Parker & Stearns (Saw Mill)
LINCOLN—Morgan, A. T. (Saw Mill)
LONDONDERRY—Curtis, A. A. (Saw Mill)
M'INDOE FALLS—*Connecticut Valley Lumber Co. (Spruce Lumber, Lath & Shingles)
MORETOWN—*Ward, H. O.
NEWFANE—Bingham, Willard E. (Saw Mill)
*Harvey, Arthur C. (Lumber)
Newton, Marshall D. (Saw Mill)
*Wellman, F. E. (Lumber, Chair Stock, Shingles, etc.)
NEWPORT—*Smith, E. A. & Co. (Spruce)
NORTH WILLISTON—Whitcomb, John. (Saw Mill)
NORTH WOLCOTT—*Baldwin, Hy C. (Shingles)
Boynton, A. N.
NORWICH—Sargent, E. P. (Saw Mill)
PAWLET—Snell, S. S. (Saw Mill)
PEACHAM—Jennison, O. M. (Saw Mill)
PERU—*Hapgood, J. J. & Co.
*Peru Lbr. Co.
PLAINFIELD—Batchelder, J. M. & Son (Saw Mill)
PUTNEY—Knight, Edwin E. (Saw Mill, Boxes, etc.)
RANDOLPH—Bass, B. G. (Saw Mill)
Booth, Hy S. (Saw Mill)
RAWSONVILLE—Pier, F. B. (Saw Mill)
RIPTON—Huntley, W. S. (Saw Mill)
RUTLAND—*Bissell, E. W. Mfg. Co.
Chaffies', F. Sons
SAINT JOHNSBURY CENTER—Pierce Bros. (Saw Mill)
SHARON—Day, E. L. (Saw Mill)
*Preston, A. B. (Shingles & Lbr.)
SO. BARTON—*Pillsbury, H. F. & Son (Saw Mill)
SO. NEWFANE—Bingham, L. W. (Saw Mill)
Metcalf, John A. (Saw Mill)
TOWNSHEND—Willard, Chas. H. (Saw Mill)
VERNON—Brooks, William (Saw Mill)
VICTORY—*Victory Lumber Co.
WAITSFIELD—Billings, Geo. N. (Saw Mill)
Moriarty, W. & D. (Saw Mill)
WARREN—Parker, Pliny (Saw Mill)
WASHINGTON—Huntington, Chas. W. (Saw Mill)
WEST BRATTLEBORO—Davis, Chas. H. (Planing Mill)
Smith, Leslie (Planing Mill)
WEST DUMMERSTON—Taft, John (Saw & Shingle Mill)
White, Flanius J. (Saw & Shingle Mill)
WILLIAMSVILLE—*Gilbert, J. M. (Brush Handles, Bungs & Spokes)
Merrifield, A. M. (Saw & Shingle Mill)
Wheeler, P. & Son (Saw Mill)
*Lutcher & Moore Lumber Co. (Pitch & Yellow Pine)
WINOOSKI—§Tobey & Catlin
WORCESTER—Camp, A. H. (Saw Mill)
Ladd, C. M. (Saw Mill)
Wheeler, M. P. (Saw Mill)

VIRGINIA.

ABINGTON—*Kenyon Lumber Co.
*Preston, W. G.
ACCOMA—Tillitson, A. J. (Saw Mill)
ACHILLES—Rowe, B. A. (Saw Mill)
BELFIELD—*Peart, Nields & McCormick Co. N. C. Pine, Box Shooks, Flooring, etc.)
BERKLEY—*Barnes, E. H. Co. (Box Shooks, both Vencered & Sawed)
*Johnson, Greenleaf Lumber Co.
BOYDTON—*Coghill, B. E.
BUENA VISTA—Buena Vista Hardwood Co.
*Dickinson, T. T. & Bro. (Hardwood)
CHARLOTTESVILLE—*Charlottesville Lumber Co.
*King Lumber Co.
*Nolls Lumber Co.
CLAREMONT—*Arrington, H. J. Co. (Hardwood)
FERGUSON'S WHARF—*Ferguson, W. T. (N. C. Pine)
FRANKLIN—*Camp Mfg. Co. (N. C. Pine)
FRANKLIN—*Camp Mfg. Co. (N. C. Pine, Rough & Dressed)
HAMPTON—*Huntington Industrial Works (N C. Pine)
JARRATTS—*Cooper & Spottswood (N. C. Pine)
LYNCHBURG—§Adams Bros.-Paynes Co. (Pine & Hardwood)
§Adams-Monroe Mfg. Co. (Millwork)
Massie, R W. (Saw Mill & Lumber)
§Pierce & Akers Co. (Pine & Hardwood)
NORFOLK—*American Lumber & Mfg. Co.
Angola Lumber Co.
§Atwood, W. J. & Co.
*Batchelder & Collins, 141 Water
Baylor & Cake (Saw & Planing Mills)
§Blake, Frank W.
§Briggs, G. S. & Co. (Air Dried, Edge Stocks, Box Grades, etc.)
§Bull, C. H. & Co. (N. C. Pine)
§Carolina Lumber Co.
*Carolina Pine Lumber Co.
§Crockett Lumber & Pile Co.
§De Bordenave, L. F. Co.
§Dickson Lumber Co.
§Duke & Smith (N. C. & Georgia Heart Pine)
§Duval, Miles F.
§Empire Timber Co.
*Fosburgh Lumber Co. (Kiln Dried North Carolina Pine, Rough & Dressed)
§Freeman, E. B. & Co. (N. C. Pine Boards)
§Johnson, Chas. R.
*Littleton Lumber Co. (N. C. Pine)
§McCullough, Frank W.
§McKann, M. & Co.
§Norfolk Hardwood Co., 63 Haddington bldg
§Perry, O. H. Tie & Lumber Co.
§Reed Bros. & Co. (Hardwood)
*Roanoke, R. R. & Lumber Co. (N. C. Pine)
§Robertson, W. W. & Co.
§Roper, Jno. L. Lumber Co. (N. C. Pine, Flooring, Ceiling, etc.)
*Southampton Lumber Co.
*Southern Pine Timber Co.
§Tilley, M. M. & Co. (Saw & Planing Mills)
§Tyler, Harry G. (N. C. Pine)
*Virginia Land & Lumber Co.
Watkins, E. A. & Bros. (Saw & Planing Mills)
*West Lumber Co.
§Wiley, Harker & Co. (N. C. Pine)
§Wilson, Wood & Lumber Co.
NORTON—*Boice & Grogan (N. C. Pine & Cypress)
PARKERSBURG—Kirk, William
PENNINGTON GAP—*Pennington Lumber Co. (N. C. Pine)
PORTSMOUTH—§Hart & Watts (Saw & Planing Mill)
*Phillips & Mahoney (Saw & Planing Mill)
PUNGO—*Owen, H. M. (N. C. Pine)
RADFORD—*Buck, J. M. Lumber Co. (Hardwood)
RICHMOND—Bruner, P. H.
§Ellington & Guy (Yellow & N. C. Pine), 200 S 9th
Gunn, E. G., 2211 E Main
Gunn, W. S., 1123 W Broad
Johnson & Briggs (Ties, etc.), 819 E Main
Lyon & Montague Co. (Commission), 213 S 9th
*Montague Mfg. Co.
§Shepherd, A. L. Lumber Co. (Commission), 17 S 9th
§Sitterding-Carneal-Davis Co.
Taliaferro, Jas. L., 2010 E Broad
Taliaferro & Co., 901 E Byrd
§Woodward & Son (Yellow & White Pine, Hardwood of All Kinds, etc.), 330 S 9th
SO. BOSTON—*Snow Lumber Co.
STAUNTON—Cramer, A. B. (Saw Mill)
Suffolk Saw Mill Co. (Saw Mill)
SUFFOLK—*Cramer, Alfred B. (N. C. Pine)
*Dennis, R. G. Lumber Co. (N. C. Pine)
Gay Mfg. Co.
*Suffolk Sawmill Co. (N. C. Pine)
TACOMA—*Sheip & Vandegrift (Cigar Box Lbr.)
*Stoney Creek Lumber Co.
Sudduth, Bailey & Johnson Lumber Co.
TEMPERANCEVILLE—Jones, J. H. (Saw Mill)
TERRA ALTA—Rinard Lumber Co. (Soft & Hardwood)
THOMASBURG—Mallory, R. M. (Saw Mill)
WAVERLY—*Burt, G. E. (N. C. Pine)
Enterprise Lumber Co. (Saw Mill)
WAYNESBORO—*Crowden & Anderson (Staves & Lumber)
WEST NORFOLK—*Tilgman Lumber Co.
WEST POINT—Adkins, E. S. Lumber Co. (Saw Mill)
Edwards, B. W. (Saw Mill)
§Richardson, R. E. (Lumber)
WHEALTON—Lankford & Whealton (Saw Mill)
WHITEMARSH—Purcell, A. F. (Saw Mill)
WOODFORD—Bowie, C. (Saw Mill)
Bowie, Eugene (Saw Mill)
WOODSTOCK—French, M. V. (Saw Mill)
Harris, J. H. (Saw Mill)
WYTHEVILLE—Crowgey, H. J. (Saw Mill)
Dunn, G. R. (Lumber)
*East Fork Lumber Co.

WASHINGTON.

ABERDEEN—*Aberdeen Lumber & Shingle Co. (Lumber & Shingles)
*Aberdeen Mfg. Co. (Planing Mill)
*American Mills Co. (Lumber & Shingles)
*Anderson-Middleton Lumber Co. (Pine & Spruce)
*Bryden & Leitch Lumber Co.
Coats, A. F. (Logger)
Ellis & Goodwell (Loggers)
*Farnum & Coats (Shingles)
Green Logging Co. (Loggers)
*West & Slade Mill Co. (Pine & Spruce)
Western Cooperage Co.
*Wilson Bros. & Co. (Saw & Planing Mill)
ACME—*Acme Mill Co. (Shingles)
*Kennedy Shingles
ANACORTES—*Ferguson, Moore & Smith (Shingles)
Rogers, W. H. (Saw Mill & Boxes)
*Thomas, R. P. & Co. (Shingles)
ARLINGTON—*Anderson & Eckels (Shingles)
Arlington Logging Co. (Loggers)
Bryant Lumber & Shingle Mill Co. (Lumber & Shingles)
*Ferguson & McKilligan
*Kuntz Bros. (Shingles)
*Lincoln Shingle Co. (Shingles)
*Michigan Shingle Co. (Shingles)
ASOTIN—*Farrish, William
AVON—*Robinson & Childs (Shingles)
AXFORD—*Walker, M. W.
BALLARD—*Campbell Shingle Co. (Red Cedar Shingles)
*Donaghue, Thos. F. (Shingles)
*Hatfield & Roberts (Red Cedar Shingles)
*Kellogg Mill Co. (Red Cedar Shingles)
*Overton, Eugene E. (Red Cedar Shingles)
*Salmon Bay Shingle Mill Co. (Red Cedar Shingles)

*Seattle Cedar Lumber Mfg. Co. (Red Cedar Lumber & Shingles)
*Stimson Mill Co. (Lumber & Shingles)
*Sobey & McLaughlin (Red Cedar Shingles)
*Stimson Mill Co. (Red Cedar Shingles)
*Winsor Lumber Co. (Lumber & Shingles)
*Zook, Jas. E. (Shingles)
BARING—*Weise & Falconer (Shingles)
BARRON—*Eureka Gold Mining Co. (Saw Mill)
*Mammoth Gold Mining Co. (Saw Mill)
BATTLEGROUND—*Palmer & Green (Saw Mill)
*Roberts, F. (Saw Mill)
BAYVIEW—*Butters, Geo. L. (Shingles)
*Dickey, Stilt & King (Shingles)
BIG LAKE—*Day Lumber Co.
*Parker Bros. (Red Cedar Shingles)
BIRDSVIEW—*Savage & Bros. (Saw Mill)
BLAINE—David, Lester W. (Logger)
*Erie Mill Co. (Shingles)
*Malay & Larkins (Shingles
*Monarch Mill Co. (Lumber)
BLOCKHOUSE—*Bishop, M. S.
Hottman & James (Saw Mill)
Pearce & Streeter (Saw Mill)
Shurtz & Sons (Saw Mill)
BLUFF—*Clark & Packard (Shingles)
*Manley & Sons (Shingles)
BOLSTER—*Carlin & Cudworth (Shingles)
BOTHELL—*Cain, D. J. & Co. (Shingles)
*Co-Operative Shingle Co. (Shingles)
BREMERTON—*Port Orchard Lumber & Transportation Co.
BRYANT—*Bryant Lumber & Shingle Mill Co. (Shingles & Loggers)
*Verd & Sanders (Shingles)
BUCKLEY—*Buckley Lumber Co. (Lumber, Shingles, Lath, Mouldings, Pickets)
*Dore, Forbes & Sons (Shingles)
*Doud Bros. (Lumber)
Jackson & McDougall (Loggers)
*Knowles & Jones (Shingles)
*McNeely & Fettig (Shingles)
*Page Lumber Co. (Lumber & Shingles)
*Valley Mill Co. (Lumber)
BURLEY—*Co-Operative Brotherhood (Saw & Shingle Mill)
BURLINGTON—*Childs J. A. (Shingles)
*Jacobs, M. B. (Saw Mill)
CASTLE ROCK—Appleman, George (Saw Mill)
*Metcalf & Wade (Shingles)
*Robin & Son (Shingles)
*Smith & Brown (Shingles)
*Stum Bros. (Shingles)
*Wright, W. A. (Shingles)
CEDERHOME—*Cederhome Cedar Lumber Co. (Lumber)
CENTRALIA—*Centralia Shingle Mills (Red Cedar Shingles)
*Fowler-Boyer Lumber Co.
*Gougar Lumber Co.
*Martin Lumber Co.
*Solzer Lumber Co.
*West Coast Lumber Co.
CHATTAROY—*Milan Lumber Co. (Lumber)
CHEHALIS—Chehalis Lumber Co. (Cedar Posts & Shingles, etc.)
*Frost, E. A. (Shingles)
*Mealey Lumber Co. (Lumber & Shingles)
*Miller, H. J. Lumber Co. (Lumber & Shingles)
CHENOWITH—*Oregon Lumber Co.
*Singleton & Fisher.
CHESAW—*Interstate Mining & Milling Co.
CHRISTOPHER—Crow & Sondstrom (Saw Mill)
CLAYTON—*Holland-Horr Lumber Co.
CLEARBROOK—*Norwood Cedar Co. (Saw, Shingle & Planing Mill)
*Phelps Bros. (Shingles)
CLEAR LAKE—*Bratnober-Waite Lumber Co
*Nelson & Neal (Shingles)
CLE ELM—Wright & Miller (Saw Mill)
COLFAX—*Codd Bros.
*Codd, William
COLVILLE—Winslow Bros. (Saw Mill)
Wisner, Geo. (Saw Mill)
CONCONULLY—Bolin, W. C. (Saw Mill)
Bridgeport Mining & Milling Co. (Saw Mill)
CONWAY—*Hatch, F. N. & Sons (Shingles)
COSMOPOLIS—*Grays Harbor Commercial Co. (Spruce & Red Cedar Shingles, Fir Tanks, Crossties, Poles, Dressed Lumber for Interior Finish, Celling, Siding, Wainscoting, Mill Work, Box Shooks, Mixed Cars of Lumber & Shingles, etc.)
COUPENVILLE—*Island Mfg. Co. (Saw & Shingle Mill)
COWLITZ—Gray, Thos. A. (Saw Mill)
Hawkins, Henry (Saw Mill)
CRESTON—Buell & Messinger (Saw Mill)
Humphrey Bros. (Saw Mill)
DAVENPORT—*Johnson Bros. & Co.
*McCulloch Bros.
DEER PARK—*Deer Park Lumber Co.
Hanley & Haer (Saw Mill)
Standard Lumber Co. (Lumber, Lath & Shingles)
Wiese, Anderson & Co.
DEMING—*Alaska Shingle Co. (Shingles)
*Griffin Lumber & Shingle Co. (Lumber & Shingles)
*Henry & Sons (Shingles)
*United Shingle Co. (Shingles)
DRYAD—*Chandler, E. M. & Bro. (Shingles)
*Dennis, J. A.
Doty & Stoddard (Saw Mill)
*Leudinghaus Bros. (Saw Mill)
DUNCAN—McMahon & Smith (Saw Mill)
DUNGENESS—*Reay, Riley & Pilcher (Shingles)
EDDYVILLE—*Summit Lumbering Co.
EDGECOMBE—*Hiatt, G. K. (Shingles)
Morgan, W. J. (Shingles)
EDMONDS—*Edmonds Red Cedar Co. (Shingles)
*Mowat, G. H. (Shingles)
*Western Shingle Co. (Shingles)
*Yost, A. M. & Sons (Lumber & Shingles)
EGYPT—*Spokane River Lumber Co.
*Worts, B. L. (Saw & Planing Mill)
EHRLICH—*Ehrlich, Frank O. (Shingles)
*Fox & Co. (Saw Mill & Loggers)
ELBERTON—Averill, L. T. (Saw Mill)
ELK—Goodyou, J. (Saw Mill)
Murphy, Jno. (Saw Mill)
Rice & Co. (Saw Mills)
Washington Co-Operative Mill Co. (Saw Mill)
ELMA—Church, Ollie L. (Saw Mill)
*ornell & Co. (Shingles)
*Deming, F. G. (Shingles)
*Elma Shingle Co. (Shingles)
*Green Cedar Shingle Co. (Shingles)
*Hamilton & Lee (Shingles)
*O'Donnell, Strube & Anderson (Shingles)
*Smith, I. J. & Co. (Shingles)
*Tacoma Cedar Lumber Co.
Talimage, E. T. (Saw Mill)
Vance Bros. (Saw Mill)
*White, Allen (Saw & Shingle Mill)
ENTERPRISE—*Imhoff & Shelton
*Shield, Robert
ENTIAT—Gray, Geo. H. (Saw Mill)
Knopp & Minick (Saw Mill)
ENUMCLAW—*Hanson Bros.
*White River Lumber Co. (Fir, Cedar, Spruce & Red Cedar Shingles)
EQUALITY—*Brotherhood of the Co-Operative Commonwealth
ETNA—Paulson, L. L. (Saw Mill)
Reid Bros. (Saw Mill)
Wilson, Thos. (Saw Mill)
EVERETT—*Blackman, C. A. & Co. (Shingles)
*Carpenter Bros. (Shingles)
*Clark-Nickerson Lumber Co.
*Eclipse Lumber Co. (Lumber & Shingles)
*Hall-Hill Mill Co. (Shingles)
Hulbert Lumber Co. (Loggers)
*McNealey, E. J. & Co. (Shingles)
*Northern Lumber Co. (Lumber & Shingles)
Quinn, Peter L. (Logger)
Quinn & McShane (Loggers)
*Rice Lumber Co. (Lumber & Shingles)
*Robinson, Thos. Lumber Co. (Shingles)
SEIFFERT, H. O. CO. (Shingle Mill)
*Wheeler, Osgood & Co. (Shingles)
EVERSON—*Britton & McLeod (Shingles)
*Montray, W. R. (Shingles)
Nostrom, J. E. (Saw Mill)
FAIRHAVEN—*Puget Sound Saw Mill & Shingle Co. (Red Cedar Shingles & Lumber. Capacity 6,000,000 Shingles)
FALL CITY—*Fall City Shingle Mill (Shingles)
Sennett & Knight (Loggers)
FERNDALE—*Clark Shingle Co. (Shingles)
*Davis & Son (Shingles)
Monroe Bros. (Saw Mill)
*Morrison Bros. (Lumber & Boxes)
*Ryther & Cross Shingle Co. (Shingles)
FLORENCE—Church, A. S. (Saw Mill)
*Hols, Jno. (Shingle)
*Manley & Church (Shingles)
Port, Susan Logging Co.
FOREST—Hylark A. (Saw Mill)
FULTON—Hopkinson Bros. (Saw Mill)
Miller, Albert (Saw Mill)
GATE—*Gate City Lumber Co.
GETCHELL—*Canedy, H. O. (Shingles)
*King & Sullivan (Shingles)
*Sobey & McLaughlin (Shingles)
*Sparks, Wm. C. (Shingles)
GENEVA—*Geneva Lumber Co.
*Jerns, Nicholas (Shingle)
GOLDBAR—*Goldbar Lumber Co. (Saw & Planing Mill)
GOSHEN—*Hasling Shingle Co. (Shingles)
GRAND MOUND—*Austin, W. O. (Flooring, etc.)
Rainstead Bros. (Saw Mill)
GRANITE FALLS—*Hall & Chappell (Shingles)
*Harrigan, Chas. C. (Shingles)
*Johnson & Allen (Shingles)
Lash, Chas. J. (Saw Mill)
*McMasters, Wm. (Shingles)
*Parmenter, Percy E. (Shingles)
Robe, T. K. (Saw Mill)
*Shaffer Bros. (Shingles)
*Sullivan Bros. (Shingles)
*Swartz & Stacey (Shingles)
*Wheeler, Osgood Co. (Lumber, Shingles, etc.)
GRAYS HARBOR—*Anderson & Middleton Co. (Pine & Spruce)
*Union Shingle Co. (Shingles)
*Wilson Bros. & Co. (Lumber & Shingles)
GRAYS RIVER—Johnson, Jno. (Saw Mill)
Soldern, L. (Saw Mill)
HADLOCK—*Washington Mill Co.
HAMILTON—*Eagle Shingle Co. (Shingles)
Hendry & Nelson
Hightower Bros. (Saw Mill)
*Lyman Lumber Co.
*Sylvester & Swarford (Shingles)
HARDAN—*King, G. A.
*Nevens Shingle Co. (Shingles)
HARRINGTON—*Harrington Milling Co.
HARTFORD—*Hartford Shingle Co. (Shingles)
*Joy, Ira (Shingles)
Van Horn, Jas. V. (Shingles)
HOCKINSON—Buchanan & Rawson (Saw Mill)
*Spires, E. & Co. (Shingles)
HOMEVALLEY—Peters, Jos. T. & Co. (Saw Mill)
HOQUAIM—*Davis, Geo. L. (Logger)
Lamb, Frank H. Timber Co. (Loggers)
*Lytie Logging & Mercantile Co. (Loggers)
*Mack Logging Co. (Loggers)
*Northwestern Lumber Co. (Spruce, Fir & Cedar Shingles)
Panel Folding Box Co. (Boxes)
*Polson Bros. Logging Co. (Loggers)
Wishkah Boom Co. (Loggers)
*Wood, E. K. Lumber Co. (Fir, Spruce & Box Mfrs.)
Wynoche Driving Co. (Loggers)
INDEX—Heybrook, L. G. (Saw Mill)
Index Lumber Co. (Saw Mill)
ISSAQUAH—Donlan, Jos. (Saw Mill)
Jones & Trandum (Saw Mill)
Vaughn, W. E. (Saw & Planing Mill)
KAMILCHE—*Port Blakeley Mill Co. (Saw Mill)
KELSO—Coweeman Driving & Rafting Co. (Loggers)
Coweeman Shingle Co. (Shingles)
Fidler & Gray (Loggers)
Knapp & Knapp (Saw Mill)
Metcalf & Wade (Shingles)
KNAPPTON—*Simpson Lumber Co.
LACENTER—*Columbia Mill & Tie Co.
*Cutting & Beasley
*Highland Saw Mill Co.
*Lacenter Lumber Co.
*Martin, Victor & E. J.
*Wilson, Thos.
LACEY—*Olympia Mill Co. (Shingles)
*Russell, Thos. & Son (Shingles)
*Union Lumber Co.
LA CONNER—*Esary Bros.
LAKESIDE—Kingman & Sullins
LA NA—*Filkins, Jno. W. (Shingles)
*Holmes Lumber Co.
LAURAL—*Abbott Shingle & Lumber Co.
*Jones, S. L. (Shingles)
Pancoast Shingle Co. (Shingles)
Weiser Lake Mill Co. (Saw Mill)
LAWRENCE—*Hoff & Pickey (Shingles)
Mt. Baker Shingle Co.
LEBAIN—*Foyl, J. M. & Son (Shingles)
*Gates, Sutherland & Co. (Shingles)
*Shore, Albert (Shingle)
LELAND—Clark & McGuire (Loggers)
LESHIRE—*Morgan Lumber Co.
LEWISVILLE—Roeper, Chas. R. (Saw Mill)
LEXINGTON—*Van Biancom & Ryser (Shingles)
LICKING—*Eureka Lumber Co.
*Mt. Baker Shingle Co. (Shingles)
*Nooksack Shingle & Lumber Co.
LITTLEROCK—*Vlora Shingle Co. (Shingles)
*Wright, Chas. & Co. (Shingles & Lumber)
LOCKWOOD—Gess, John C. (Saw Mill)
Silverson Bros. (Saw Mill)
LOOKOUT—*Albertson & Bridgman (Shingles)
*Goudette, E. L. (Shingles)
McCullough, John (Saw Mill)
LOOMIS—Beardsley, John S. (Saw Mill)
Tillman, Chas. (Saw Mill)
LOON LAKE—*Loon Lake Lumber Co.
LOWELL—Lowell Wood Co. (Loggers)
LYLE—*Rowe Lumber & Mfg. Co.

LYMAN—*Lyman Shingle & Lumber Co.
Taylor, W. L. (Shingles)
M'CORMACK—*McCormack Lumber Co.
*Reynolds & Davie
*Rock Creek Lumber Co.
M'INTOSH—*Wellington Lumber Co.
M'MURRAY—*Atlas Lumber & Shingle Co.
Houghton, L. (Logger)
*Rammage & Mirick (Shingles)
Skagit Logging Co. (Loggers)
*Tip Top Shingle Co. (Shingles)
MABTON—St. Paul & Tacoma Lumber Co.
MACHIAS—*Anderson, John & Co. (Shingles)
*Buck Lumber & Shingle Co.
*McCullough Bros. (Shingles)
*Machias Lumber Co. (Saw & Planing Mill)
Mininger & Smith (Loggers)
Russell, A. W. & Sons (Saw Mill)
*Sennett Mill Co. (Shingles)
*Sterling Mill Co. (Shingles & Saw Mill)
MALTBY—Free Mill Co. (Saw Mill)
Grace Mill Co. (Saw Mill)
*L. Cedar Shingle Co. (Shingles)
*Paradise Lake Ry. & Mill Co. (Shingles)
*Thompson & Ferguson (Shingles)
MAPLE VALLEY—Elwell & O'Brien Logging Co.
*Maple Valley Lumber Mfg. Co.
MARBLE—*Archibald, H. F. & Co.
MARIETTA—*Genung, F. (Shingles)
*Hine, W. V. (Shingles)
*Yeisley, D. W. (Shingles)
MARKHAM—*Lewis, C. L. (Shingles)
MARYSVILLE—*Anderson, E. J. Mill Co. (Lumber & Shingles)
Cox, George (Logger)
*Hamilton Mill Co. (Shingles)
Heally & Sisco (Loggers)
*Marysville Shingle Co.
*Smith Mfg. Co. (Shingles)
Stimson Logging Co.
MATTOCK—*Simpson Logging Co. (Saw Mill)
MELBOURNE—Goss, Briscoe & Goss (Loggers)
MICA—Mica Mill Co. (Saw Mill)
MILAN—*Spokane Lumber Co.
MISSION—Patton, W. B. (Saw Mill & Box Factory)
Stephens, M. H. (Saw Mill)
Tibbetts & Skaman (Saw Mill)
MOLSON—Baumgade & Noteware (Saw Mill)
*Carlin & Cudworth (Shingles)
MONDOVI—Janett Bros. (Saw Mill)
MONOHAN—*Allen & Nelson Mill Co. †Inc.) (Saw Mill, Lumber Mfrs., Piling, Loggers, Fir & Hemlock)
MONROE—*Buck, A. E. (Shingles)
Dubuque, E. & Son (Saw Mill)
*Holmyuist, August (Shingles)
Stevens Bros. (Saw Mill)
Williams Bros. (Saw Mill)
*Wood & Iverson (Shingles)
MONTBONE—*Parker Bros. (Cedar Shingles)
*Walker & Walker (Lumber & Shingles)
MONTESANO—Biles, James C. (Logger)
Clemens, Chas. H. (Loggers)
*Dennis, James A. (Shingles)
Lamb, Frank H. (Logger)
Mobray, Elmer (Loggers)
Pasco, W. Clark (Loggers)
Perkins, James A. (Loggers)
MOUNTAINVIEW—*Lopsas, J. & E. (Shingles)
MOUNT HOPE—McMahon & Smith (Saw & Planing Mill)
MOUNT VERNON—*Cedardale Lumber Co.
English-McCaffery Logging Co.
Lyman Lumber Co. (Loggers)
*Skait Shingle Co. (Shingles & Loggers)
*Stumpges, William
*Waugh, J. C. (Shingles)
*Williams & Henry (Shingles)
NAPAVINE—Brown Bros. (Saw Mill)
Hylak & Son (Saw Mill)
McCoy, George (Shingles & Saw Mill)
Pitcher, H. (Saw Mill)
*Somersville Bros.
NASEL—Armstrong & Owens (Loggers)
Ellsworth Bros. (Loggers)
NOOKSACK—*Butters & McLeod (Shingles)
*Gillies Mill & Mfg. Co.
*Nooksack Shingle & Lumber Co.
NORMAN—*Lauderdale, R. A. (Shingles)
NORTH BEND—Allen & Nelson Mill Co. (Loggers)
*Burke & McLean (Shingles)
Payne & Potter (Saw Mill)
NOVELTY—Stamp & Lutte (Saw Mill)
OAKVILLE—Bagshaw, E. P. (Saw Mill)
Harris, George D. (Saw & Planing Mill)
OCOSTA—*Cleveland, Beaulieu & Anderson (Shingles)
Noal & Templeton (Loggers)
Stone, D. L. & Sons (Saw Mill)
OLYMPIA—*Keystone Lumber Co. (Shingles)
*Olympia Lumber & Mercantile Co. (Shingles)
*Olympia Sash & Door Co.
*Richardson, Harvey G. (Shingles)
*West Side Mill Co.
ONEIDA—Gray's Bay Logging Co.
ORILLA—*Orilla Lumber Co.
McCall & Hilley (Logging)
*St. Paul & Tacoma Lumber Co.
*Stevenson Lumber Co.
*Walter, George A. (Shingles)
OSO—Parker, B. T. (Saw Mill)
Richards, W. E. (Saw Mill)
OSTRANDER—*Byerly, Collins & Byerly (Shingles)
Collins, Brecht & Perritt (Loggers)
Collins, E. S. (Saw Mill)
Levy, Samuel (Loggers)
*Ostrander Shingle Mill Co.
PE ELL—*Burns, David (Shingles)
*Chehallis River Mill Co. (Shingles)
*McCormack, H. Lumber Co. (Fir Lumber)
*Muller, Marzell & Co. (Saw Mill)
*Reynolds & Davis Lumber Co.
*Rock Creek Lumber Co.
*Yeomans, W. C.
PITCHUCK—*Hiatt & Bryan
POMEROY—*Pomeroy Lumber Co. (Lumber & Planing Mill)
PORT ANGELES—*Cronemyer & Peterson (Shingles)
*Eacreet Bros. (Shingles)
*Filion Mill & Lumber Co.
*Gates City Lumber Co.
*Peterson, S. S. & Son (Shingles & Barrels)
PORT BLAKELEY—*Port Blakeley Mill Co. (Telegraph Arms, Lumber, etc.)
*Renton, Holmes & Co. (Spars & Piles)
*Wolworth & Neville Mfg. Co. (Lumber & Planing Mill)
PORT CRESCENT—Seattle Logging Co.
PORT GAMBLE—*Puget Lumber Co.
*Puget Mill Co.
PORT DISCOVERY—*Port Discovery Mill Co.
PORTER—*Busong & Malone (Shingles)
*Malone Shingle Co. (Shingles)
*Olympia Shingle Co. (Shingles)
POULSBO—*Poulsbo Lumber Co.
PRAIRIE—*Cain, D. J. & Co. (Shingles)
*Hoyt, J. M. & Co. (Shingles)
Shrewsbury & McLean (Loggers)
*Smith & Johnson (Shingles)
PRESTON—Preston Mill Co. (Red Cedar Fir & Spruce Lumber & Red Cedar Shingles)
*Strait, D. J. & Co. (Red Cedar Shingles)
PUYALLUP—*Morse, F. W. Mfg. Co.
RAINIER—Inman & Goodwin (Saw Mill)
*Robinson Lumber Co.
REDMOND—Peterson, Jno. (Shingles)
*Redmond Lumber Co. (Shingles)
*Samamish Shingle Mill Co.
REPUBLIC—*Eureka Saw Mill Co.
*San Poil Lumber Co.
REYNOLDS—Reynolds & Davie Lumber Co.
ROBE—*Canyon Mill Co. (Shingles)
Stocker & Hartman (Loggers)
ROCKFORD—Dorman, Henry (Saw Mill)
Gess, J. C. (Saw Mill)
Severson Bros. (Saw Mill)
ROUSE—*De Can, Chandler & York (Shingles)
ROY—*Hammer, Schmidt & Molberg
SAMMAMISH—*Weber, Jas. (Shingles)
SAXTON—*Anderson, Nelson & Co. (Shingles)
*Mount Baker & Co.
SCOTIA—Graham Bros.
SEATTLE—*Atlas Lumber & Shingle Co. (Fir, Red Cedar Lumber & Shingles), Baily bldg
Brace & Hergert Mill Co. (Saw Mills)
*Bryant Lumber & Shingle Mill Co. (Lumber & Shingles)
*Callahan, R. C. (Shingles)
*Carstens & Earles (Inc.), (Lumber & Shingles)
*Commercial Cedar Co.. (Lumber & Shingles)
*Easton Lumber Co. (Lumber)
Kerry Mill Co. (Saw Mills)
*Lewis & Crane (Fir, Spruce & Cedar)
Louren-Soubey Co. (Shingles)
*Moran Bros. (Spruce, Cedar, etc.)
*Newell Mill Co., Bradford & 7th av, S. (Saw & Planing Mills & Shingles)
*Pacific Fir Co. (Timber, Piling, Ties, Red Cedar, Shingles, etc.)
*Rainier Cedar Shingle So. (Shingles)
*Roy & Roy. (Fir, Spruce & Red Cedar Lumber & Shingles)
*Seattle Cedar Lumber Mfg. Co. (Red Cedar, Lumber & Shingles)
*Seattle Lumber Co. (Saw & Planing Mills)
*Stetson & Post Mill Co. (Saw Mills)
*Stimson Mill Co. (Lumber, Shingles & Saw Mills)
*Wilson, Robert S. (Lumber & Red Cedar Shingles), N. N. Block
SEDRO WOOLLEY—*Clark & Lennon (Shingles)
*Green Shingle Co. (Shingles & Loggers)
*Shrewsbury & McLean
*Sterling Mill Co. (Shingles)
SERNIAHMOO—Moore, Chas. T (Lumber & Box Mfrs.)
SEGUIN—*Lost Mountain Shingle Co.
Miller, Christian (Saw Mill)
Matheson, David (Saw Mill)
Seguin Mill Co. (Saw Mill)
Smith, Burt (Saw Mill)
SHELTON—*Hunter & Eaton
*Simpson Logging Co.
SHERLOCK—*Card, M. L. & Son (Shingles)
SHERWOOD—Maple Valley Logging Co.
*Maple Valley Shingle Co.
*Hyak Shingle Mill
SILVER BEACH—*Jerus, N. (Shingles)
*Lake Whatcom Shingle Co. (Shingles)
*Silver Beach Shingle Co.
*Washington Shingle Co.
SILVER LAKE—*Barnes, F. G. (Shingles)
SKAGIT—*Bartnober-Wait Lumber Co.
SKARNOKAWA—McDonald, Jno. B. (Saw Mill)
SKYE—Lawton, H. J. & Sons (Saw & Planing Mill)
Skamania Logging Co.
SNOHOMISH—*Brant, E. H. & Co.
*Buck Lumber & Shingle Co.
*Cascade Cedar Co. (Saw & Shingle Mill)
*Mauchlin Bros. (Shingles)
Morgan Bros. (Saw Mill)
*Snohomish Shingle Co. (C. H. Ames, Shingles)
Stinson & McMillan (Loggers)
*Wood & Iverson (Shingles)
*Welever Shingle Co. (Shingles)
*Williams, T. H. & Co. (Shingles)
SNOQUALMIE—*Kaske, H. F. Lumber Co. (Shingles)
*King Lumber Co. (Shingles)
Warren & Irwin (Loggers)
SOUTH BEND—*Cavanaugh, J. H. (Logger)
*Columbia Box & Lumber Co.
*Kleeb Lumber Co.
*Siler Bros.
*Simpson Lumber Co. (Spruce, Fir, Cedar, Red Cedar Shingles)
*South Bend Mills.
*Wallace & Kieeb
*Willapa Shingle Co. (Shingles)
SOUTH PRAIRIE—*Arline Mill Co.
*Grupe & Smith (Saw Mill)
SOUTH SEATTLE—*Newell Mills & Mfg. Co.
SPOKANE—*Buckeye Lumber Co.
*Central Shingle Co. (Shingles)
*Childs Lumber & Mfg. Co.
Crescent Shingle Mill (Shingles)
§Holland-Horr Mill Co.
*Spokane & Idaho Lumber Co.
*Star Shingle Co. (Shingles)
STANWOOD—*Bredes, H. T. & Co. (Shingles)
*Howard, A. S.
Judy, J. A. (Logger)
Judy, W. D. (Logger)
Ketchum & Becker (Loggers)
STARTUP—Gold Bar Mill Co. (Saw Mill)
Lewis, Truman S. (Saw Mill)
*Wallace Lumber & Mfg. Co.
STELLA—Douglas, A. S. (Saw Mill)
*Snider & Norby (Shingles)
STERLING—*Sterling Mill Co. (Shingles)
STEVENSON—Douglass & Kee (Saw Mill)
Inman's Saw Mill
Morse Bros. (Loggers)
SULTAN—*Caithness-Dukelow Co. (Shingles)
*Casey, T. Mill Co. (Shingles)
*Hall, J. M. (Shingles)
*Johnson, G. W. & Son (Shingles)
*Keefe & Perkins (Shingles)
*Mauret Shingle Co. (Shingles)
SUMMIT—*Deming, F. S. (Shingles)
*Hamilton & Lee (Shingles)
Murray, Jas. E. (Logger)
*Smith & Co. (Shingles)
*Tacoma Cedar & Lumber Mfg. Co.
SUNSHINE—*Shoalwater Bay Mill Co.
SUMAS—*Davy, William (Shingles)
*Gillis Mill & Mfg. Co. (Lumber)
*Hastings Mill Co. (Shingles)
*McVeigh, D. (Shingles)
TACOMA—*Addison Mill Co.
*Allen, W. B. (Cedar)
*Arline Mill Co.
*Card & Son (Shingles)
*Carlson Bros. & Co. (Shingles)
*Coast Lumber Co. (Lumber & Shingles)
*Davie, W. C. Lumber Co. (Fir Bridge Timber, Piling, Poles, Flooring, etc.)
*Derickson & Co. (Saw & Shingle Mill)

*Donahue-Calthness Lumber Co. (Saw Mill)
*Far West Lumber Co.
*Foster, H. G.
*Gibbs, S. A. Co. (Lumber & Shingles)
*Johnson, C. M.
*Long-Bell Lumber Co.
*Lyman Lumber & Shingle Co.
*Mentzer Bros. (Saw, Planing Mill & Lumber)
*McFee & McGinnity (Lumber & Shingles)
McNeely, S. J. (Lumber & Shingles)
*Metcalf & Wade (Cedar Shingles)
*Puget Sound Lumber Co.
*Reynolds & Davis Lumber Co.
Richardson, T. L. Lumber Co.
Robinson, Thos. Lumber Co.
*Saw, A. C. Lumber Co.
*St. Paul & Tacoma Lumber Co. (Fir, Cedar, Lumber & Shingles)
*Sunset Lumber Co. (Fir, Spruce, Red Cedar Flooring, Finish, Shingles, Masts, Spars, Ship Decking, etc.)
*Tacoma Mill Ci. (Douglass Fir, Oregon Pine, Plank Timbers, Ship Plank, Flooring, Rustic Ceiling, Lath, Pickets, Staves, Spars, Piling, Red Cedar Shinbles, etc.)
*Western Mill Co.
*Wheeler, Osgood & Co. (Cal. Redwood, Red
TENAWAY—*Tenaway Lumber Co.
Tubbs, E. L. (Saw Mill)
TENINO—*Douglas Lumber Co.
*Tenino Hardwood Lumber Co.
THORNWOOD—Cain, D. J. & Co. (Saw & Planing Mill
TOLEDO—*Gowen, F. M. (Shingles)
FOLT—*Healy & Sisco (Loggers)
TROUTLAKE—*Kedenburg-Sellinger Co.
UTSALADDY—*Puget Mill Co.
VALLEY—*Driscoll, Ernest T.
*Kulzer, Jno. G.
VAN COUVER—*Lucia Mill Co.
VAN ZANDT—*Clipper Shingle Co.
*Whatcom County Shingle Co.
WALLA WALLA—*Whitehouse, Crimmins & Co.
WELCH—Jurgens Bros. (Saw Mill)
Luduc & Boyd (Saw Mill)
WEST BRANCH—Washington Mill Co. (Saw Mill)
WICKERSHAM—*Samish Shingle Co.
*Wickersham Shingle Co.
WOODENVILLE—*Grace Mill Co. (Shingles)
WHATCOM—*Badger Shingle Co.
*Bellingham Bay Improvement Co.
*Clark Shingle Co.
*Coast Lumber Co.
*De Can, Dan'l H. (Shingles)
*Hastings Shingle Co.
*Jiens, Nicholas (Shingles)
Lake Whatcom Logging Co.
*Miller, J. H. & Sons (Shingles)
*Moultray, Wm. R. (Shingles)
*Norwood Cedar Co. (Lumber & Shingles)
*Siemons, S. H. & Sons (Shingles)
*Standard Mfg. Co. (Lumber & Shingles)
*Whatcom Falls Mill Co. (Red Cedar, Shingles, Mill and Finish)
WOOLLEY—*Parker-Graham Shingle Co. (Red Cedar Shingles)
*Sterling Mfg. Co. (Red Cedar Shingles)

WEST VIRGINIA.

ALBERT—*Burger, Thos. & Sons Co.
ALUM BRIDGE—Stark & Connelly (Saw Mill)
ASBURY—*Alderson, S. I. (Lumber)
BAILEYSVILLE—Ball, Jno. (Timber)
Buskirk & Wittenberg (Timber)
BAYARD—*Buffalo Lumber Co.
BECKLEY—Calloway, C. M. (Saw Mill)
BELINGTON—*Serpell Bros.
BERKLEY SPRINGS—Crossfield, Wm. (Saw Mill)
BLUEFIELD—*Georgia Lumber Co. (Saw & Planing Mill)
*Mason, Thos. H. & Co. (Export Hardwood)
*Tug River Lumber Co.
BUCKHANNON—*Alton Lumber & Coal Co. (Hardwood)
*Kile & Morgan Co. (Hardwood)
CAMDEN—*Gauley Co. (Hardwood)
CAPON BRIDGE—Oates, Ira C. & Edw. (Saw Mill)
CENTRAL CITY—*Baker & Spitler (Hardwood)
CENTRALIA—Arnold, W. J. (Saw Mill)
*Paulhams, J. & Son
*West Branch Lumber Co. (Hardwood)
CEREDO—*Millinder, J. H. Lumber Co. (Cigar Box Lumber)
CHARLESTON—*Branch, W. W. Veneer & Lumber Co. (Lumber for Built-up Work)
*Charleston Lumber Co. (Saw & Planing Mill)
§Courtney, D. G. (White Oak, R. R. Ties, Whiskey & Provision Copperage)
§Daniel & Collins Co. (Wholesale)
*Devereux Lumber Co. (Hardwood)
*Kanawha Hardwood Co. (Hardwood)
*Knight Lumber Co.
*Morgan & Gardner
CLARKSBURG—*Price & Co. (Hardwood)
CROW—*Beatty Lumber Co. (White Pine & Oak)
DAVIS—Beaver Creek Lumber Co. (Hemlock & Spruce)
*Blackwater Lumber Co. (Spruce, Hamlock Lumber & Box Shooks)
FREEMANSBURG—Freemansburg Milling Co. (Saw Mill)
FREEPORT—Pribble & Darnell (Saw Mill)
GLEN JEAN—Glen Jean Lumber Co.
Sutphin & Mankin (Saw Mill)
GRAFTON—Kennedy, R. W. Co. (Saw Mill)
HAMBLETON—*Otter Creek Boom & Lumber Co. (Hemlock)
LOCK SEVEN—*Mohler Lumber Co. (Poplar, Oak, Walnut & Ash)
MATEWAN—*Morgan & Judd (Ky. Oak & Poplar)
NICOLETTE—*Nicola Bros. Co. (Pine & Hardwood)
PANTHER—*Ritter Lumber Co. (Hardwood)
PARKESBURG—*Kreps, A. T. & Co. (Oak, Poplar, etc.)
PETROLEUM—*Claire Mfg. & Lumber Co. (Yellow Pine)
QUINNIMONT—*Beatty, J. R. & Co. (Yellow Pine)
RALEIGH—*Raleigh Lumber Co. (Cut Timber)
RICHWOOD—Cherry River Broom & Lumber Co. (See Phila, Pa.
RONCEVERTE—*Cumberland Lumber Co. (White Pine)
ROWLESBURG—*West Virginia Co. (Hardwood)
ST. ALBANS—*Bowman Lumber Co.
SATTES—*Burns Lumber Co. (Yellow Pine)
SNOWDEN—Graddock & Griffith (Saw Mill)
STAFFORD—*Wilcox, R. F. Co.
STOCKERTS—*Isherwood & Cody
STOCKYARD—Nowlan, Jos. (Saw Mill)
SUTTON—*Pardee Curtain Lumber Co.
THOMAS—Chaffy, R. (Saw Mill)
TOPINS GROVE—King, Wm. (Saw Mill)
UPPERTRACT—Dalmer, C. E. & Bro. (Saw Mill)
VICTOR—Neff, Jas. F. (Saw Mill)
VIVIAN—Numan & Carr (Saw Mill)
WASHBURN—Sinnett, J. P. (Saw Mill)
WAYNE—Ferguson, C. W. (Saw Mill)
WELCH—*Harman Branch Lumber Co.
*Keys Lumber Co.
*Ritter, W. M. Lumber Co.
Sudduth & Bailey (Saw Mill)
§Wood, R. E. (Wholesale)
WESTON—*Roane & Curll Lumber Co. (Yellow Poplar & Interior Finish)
WHITE SULPHUR SPRINGS—*Huddleston, A. E. (White Pine, Saw & Planing Mill)
WILLIAMSON—Harris, W. A. (Saw & Planing Mill)
WILSON—*Wilson Lumber Co. (Lumber & Saw Mill)
YANKEEDAM—*Collins, D. S. Co.
Elkhurst Planing Mill
YELLOW SPRINGS—*Griffin & Co. (Lumber & Bark)

WISCONSIN.

ALGONA—Hall, S. L. (Shingles)
*Perry, John
ANIWA—Goldrick, G. H. (Cedar)
APPLETON—*Fountain Lumber Co. (Saw & Shingle Mill)
§Jones, G. W. Lumber Co. (Hardwood)
*Ramsay & Jones
ARBER VITAE—*Ross Lumber Co. (Long Joist & Heavy Timber)
ASHLAND—*Ashland Lumber Co. (White & Norway Pine)
*Brewer-Knapp Co. (Hardwood)
Durfee, W. R. (Saw Mill)
*Gilbert, W. H. (Norway Pine)
*Keystone Lumber Co. (White & Norway Pine)
*Murray Lumber Co.
*O'Brien, John Lumber Co.
*Schroeder, John Lumber Co.
ATHENS—*Athens Mfg. Co.
Braun, M. & Sons (Lumber & Staves)
BAILEYS HARBOR—*Pruter, Louis (Shingles)
BARRON—Soderberg & Gillett (Saw Mill)
BAYFIELD—Bayfield Mill Co. (Saw Mill)
Boutin, Frank, Jr. (Logging, etc.)
*Boutin, F. & Son
Knight, Wm. (Saw Mill)
Mussell, A. J. (Logging)
*Pike, R. D. Lumber Co. (Saw & Planing Mills)
*Red Cliff Lumber Co.
BENOIT—*Benoit Lumber Co.
BERLIN—Nigbor, John (Saw Mill)
BIRNAMWOOD—Roepke, J. E. (Saw Mill)
BLANCHARDVILLE—Blanchard, A. (Saw Mill)
BOLT—Engeldinger, P. (Saw Mill)
BONDUEL—*Meyer, T. (Saw & Shingle Mill)
BOSCOBEL—*Ruka Bros. Mfg. Co. (Hardwood)
BOWIE—*Cameron, Wm. (Red Cypress)
BRILLION—Barth, Jos. (Saw Mill)
Behnke, C. W. & Son (Saw Mill)
BRUCE—*Arpin Hardwood Lumber Co.
*Beldenville Lumber Co.
BUTTERNUT—*Goellner Bros.
CABLE—Rogan Bros. (Saw Mill)
CAZENOVIA—Bohn, C. E. (Saw Mill)
CEDERBURG—*Hilgen Mfg. Co. (Builders' Mill Work)
CENTRALIA—*Centralia Lumber Co.
CHIPPEWA FALLS—*Chippewa Lumber & Boom Co. (White Pine)
*Kehl & Deary Co. (Loggers)
McLaren, Alex (Loggers)
*Nebagamon Lumber Co.
COLEMAN—*Bolles, E. E. & Co.
CRANDON—Carpenter Bros. (Saw Mill)
Mills, Wm. (Saw Mill)
CRIVITZ—*Zech, H. & Co. (White Pine)
CUMBERLAND—*Beaver Dam Lumber Co.
DALE—Hener, F. C. (Saw Mill)
DANCY—Altenberg, G. H. (Lumber & Logger)
DEBELLO—Rich Bros. & Roach (Saw Mill)
DOWNING—*Coolidge Fuel & Supply Co. (Hardwood)
DRUMMOND—*Rust-Owen Lumber Co. (Cork White Pine)
DUNBAR—*Girard Lumber Co. (White Pine & Piling)
EAU CLAIRE—Davis & Starr Lumber Co.
*Dells Lumber & Shingle Co.
*Eau Claire Hdw. Co.
*Half-Moon Lake Shingle & Fuel Co.
*Northwestern Lumber Co. (White Pine & Basswood)
*Owens, John S. Lumber Co.
Shaw, Daniel Lumber Co.
*Three States Lumber Co.
*Valley Lumber Co.
EDGERTON—§Heddles Lumber Co.
EDSON—Chubb, E. (Saw Mill)
ELDERSON—Sholts, Hy (Saw Mill)
ELKHORN—*Elkhorn Lumber Co.
ELLSWORTH—Hines, Frank ,Saw Mill)
McLeod, John & Sons (Saw Mill)
ELMHURST—Nelson, E. F. (Saw Mill)
*Wunderlach, George H.
ELROY—*Smith Hardwood Lumber Co.
ELTON—*Suter, H. & T.
FAIRCHILD—*Foster, N. C. Lumber Co.
FENWOOD—*Fenwood Lumber Co.
FLORENCE—Fulmer, D. M. Lumber Co.
FOND DU LAC—§Barker, A. R. & Co.
*Moore & Galloway Lumber Co.
FORT ATKINSON—Wilcox & Morris Co. (Lumber)
Zeugner-Hoffman & Son (Lumber)
Whitcomb & Burgess (Hardwood)
FRANKLIN—Arpke Bros. (Saw Mill)
FREDERIC—McDonough, F. (Saw Mill)
FREMONT—Steiger, J. J. (Saw Mill)
GALESVILLE—*Farrand, I. S.
*Rall, Geo. Mfg. Co. (Hardwood)
GILE—*Montreal River Lumber Co.
GLEN HAVEN—*Seippel Bros.
GLENWOOD—*Glenwood Mfg. Co. (Pine, Hardwood Lumber, Wagon & Cooperage Stock)
GLIDDEN—*Rogers & Emmons Lumber Co.
Schmitz & Shaffer (Saw Mill)
GRAND RAPIDS—*Arpin Hardwood Lbr. Co.
*Arpin, John Lumber Co.
§Lynch, E.
*Pigson River Lumber Co.
GREEN BAY—*Diamond Match Co.
Herling, Rudolph (Saw Mill)
*Murphy Lumber Co. (Lumber, Box Shooks & Saw Mill)
*Rice, Geo. H. (Lock Corner Boxes & Box Shooks)
GREENLEAF—Day, Chas. W. (Saw & Planing Mill)
Schmidt & Hohn (Saw Mill)
Schreiber & Knoble (Saw Mill)

GRESHAM—Schmidt & Hohn (Saw Mills)
GURNEY—*Gurney Land & Lumber Co.
HALWAY—Liberty Bros. (Saw Mill)
HARTFORD—*Dennison, Jackson & Co.
HAYWARD—*Hayward Hardwood Co.
*North Wisconsin Lumber Co. (White Pine)
HAZELHURST—Yawkey Lumber Co. (Box Shooks, Lumber & Egg Cases, Crates, etc.)
HEWITT—Schneider Bros. (Saw Mill)
HICKORY—Mills, F. E. (Saw Mill)
HORNS CORNERS—Schubert, Fred. (Saw Mill)
HORTONVILLE—Drestler Co. (Saw & Planing Mill)
HUB CITY—Mead, E. (Saw Mill)
HUDSON—*Central Lumber Co.
HULL—Van Order, A. & Son (Saw Mill)
HURLEY—*Kimball & Clark (Maple & Birch Flooring)
INDEPENDENCE—*Sprecher & Schafer
INGRAM—Heimick, Jno. B. (Saw Mill)
Ostrander, H. A. & Co. (Saw Mill)
IOLA—*Johnson, Hans Lumber Co.
*Weinman, A., Jr. (Hardwood)
Wipp, J. & H. C. (Saw Mill)
IRON RIVER—*Alexander & Edgar Lumber Co.
IRONTON—Stowe, W. F. (Saw Mill)
JANESVILLE—*Pendleton & Gilkey (Everything in White Cedar)
JEFFRIS—*Jeffris, D. K.
KELLEY—Mansur, John (Saw Mill)
KELLEY BROOK—Kessler Bros. (Saw Mill)
KEWAUNEE—*Duvall, Jos. & Co.
KIEL—*Laun, J. B.
KIMBALL—Kimball & Clark (Saw Mill, Maple & Birch Flooring)
KINGBRIDGE—Barteleme, B. (Shingle Mill)
KNAPP—*Hall, A. R.
Teegarden & Son (Saw Mill)
KNOX MILLS—*Hobe, E. H. Lumber Co. (Birch, Oak & Baswood)
KOHLSVILLE—Sell, Chas. & Co. (Saw Mill)
LACDU FLAMBEAU—Flambeau Lumber Co.
LA CROSSE—***COLEMAN, C. L. LUMBER CO.** (Lumber, Shingles & Saw Mills)
*East Coast Lumber Co. (Lumber & Saw Mills). Also Watertown, Fla.
Gateway City Lumber Co. (Saw Mill)
*Goddard, Hiram ("Wholesale")
*Holway, N. B. (Est. of) (Lumber & Saw Mill)
*Kuhn, R. C., Sash & Door Co. (Sash, Doors & MillWork)
*Lamb, L., Lumber Co. ("Wholesale") (See Minneapolis)
Phillips Lumber Co. (Saw Mill)
*Segelke & Kolhlhaus Mfg. Co. Sash, Doors, Mill Work, etc.), La Crosse, Wis.
*Sawyer & Austin Lumber Co.
*Storey & Keeler Lumber Co. (Lumber & Saw Mill) Also Cascade Locks, Oregon
*Trow, A. S. & Co. (Lumber & Saw Mill)
*Segelke & Kohlhaus Mfg. Co. (Sash, Doors & Mill Work)
Vincent, Jas. & Son (Lumber) ("Wholesale")
*Sawyer & Austin Lumber Co. (Lumber & Saw Mill) Also Pine Bluff, Ark.
LADYSMITH—Corbett, Robt. (Saw Mill)
LAFARGE—Clark & James (Saw Mill)
*Lafarge Lumber Co.
Lafarge Milling Co. (Saw Mill)
LAKE NEBAGEMAIN—*Nebagamon Lumber Co. (Lumber & Saw Mill)
LAVALLE—Staples, E. & H. (Saw Mill)
LE CLAIRE—*Bright & Cheney
LEOPOLIS—Edward, N. M. (Saw Mill)
LOST CREEK—Harshman, F. L. (Saw Mill)
LOYAL—Ruplinger, Stave & Heading Co.
Graves, A. A. (Saw Mill)
M'NAUGHTON—*Bradley & Kelley
M'MILLAN—*Linster & Welter
*McMillan, B. F. & Bro. Hemlock, Pine & Hardwood)
MADISON—*Brittingham & Hixon Lumber Co.
MARATHON—Herman & Menger
Schilling Mfg. Co. (Lumber & Hoops)
MARINETTE—§Davis & Stitt (Lumber & Cedar Products)
Fence River Loggin Co. (Loggers)
*Hamilton & Merryman Co. (Lumber & White Pine & White Cedar, Shingles. Lath, etc.)
*Lieber & Noal Mfg. Co. (Shingles)
Lowe, Perley & Co. (Pine & Lumber, Latb & Shingles)
Ludington, N., Lumber Co. (White & Norway Pine, Lath & Shingles)
*Marinette Lumber Co. (Pine, Hemlock & Hardwood, & Lath, Shingles & Barrel Staves)
*M. & M. Box Co. (Box Shooks, Lumber & Lath)
*Menominee River Boom Co.
*Merryman, R. W. & Co. (Lumber, Lath & Shingles)
Quinnesee Logging Co. (Logging)
*Sawyer-Goodman Co. (Pine, Hemlock, Hardwood & Lath Shingles)
*Stephenson Mfg. Co. (Lumber, Lath, etc.)
*Witbeck, H. Co. (Lumber, Lath & Shingles)
§Worcester, C. H. Co. (Lumber & Cedar)
§Wright Bros. (Everything in White Shingles)
MARSHFIELD—*Connor Lumber & Land Co.
CONNOR, R. CO. (Pine, Hardwood & Hemlock Lumber, Cedar & Pine Shingles, Cedar Poles & Posts, Basswood Siding, Ceiling etc.; End Matched Hardwood Flooring, etc.)
*Connor & Kraus
Ebbe Bros. (Saw Mill)
*Hafer & Kalsched (Saw Mill & Lumber)
*Marshfield Land & Lumber Co. (Mfrs.)
*Roddis Veneer Co. (Veneers, Veneered Ponel Stock, Cheese Box Stock, Drawer Bottoms, Table & Desk Tops, Bellows Stock, Sleigh Panels, etc.)
Upham Mfg. Co. (Saw Mills)
§Vollmar & Belan (Wholesale Dealers)
MASON—*White River Lumber Co.
MAYKING—Wunderlich, Chris (Saw Mill)
MELLEN—*Foster, Latimer Lumber Co. (Saw & Planing Mill)
MENOMINEE—*Knapp, Stout & Co. (White Pine)
MERRILL—*Anketell Lumber Co. (Pine, Hemlock, Cedar & Hardwood)
*Anson-Hixon Sash & Door Co. (Mouldings, Interior Finish)
*Gilkey & Anson Co. (Lumber & Box Shooks)
*Heineman Lumber Co.
*Kingsley, R. G. Lumber & Box Co.
*Merrill Lumber Co.
*Miller, C. P. & Co. (Hemlock & Pine)
*Scott, T. B. Lumber Co. (White Pine)
*Strange, A. H. Co.
*Wright, H. W. Lumber Co.
MERRILLAN—*Trow, A. S. (Lumber & Saw Mill)
MILLSTON—*Mills, H. B. (Saw & Planing Mill)
MILWAUKEE—*Atwater & Allen Lumber Co., 180 Biddle
Bergland, G. A., 211 Grand av
*Center Lumber Co., 180 Biddle
Curtis & Yale Co., (Hardwood, Basswood, Pine, etc.), 79 Grand av
Devere & Schloegel Lumber Co., 7th av c Park
Forster Lumber Co., 428 Grand av
*Gogebic Lumber Co., 97 Wisconsin
§Hardwood Lumber Co. (Hardwood), 83 1st av
Hilty, M. Lumber Co., 1119 St. Paul av
Johnson Lumber Co. (Soft Cork, Pine for patterns), 204 Grand av
*Land, Log & Lumber Co., 456 Jefferson
MacGillis & Gibbs, 114 Wisconsin
Milwaukee Lumber Co., 1st av c East
§Noble, Geo. P. (Pine & Hardwood), 135 Grand av
*Page & Landeck Lumber Co. (Cabinet Wood), 204 Grand av
Plathner, Theo., 673 N Water
Quinnesec Log & Lbr. Co. (Ash, Birch, Basswood, Elm, Red & White Oak, etc.), 105 Grand av
*Rietbrock Land & Lbr. Co., 107 Wisconsin
§Schlosser, Winand (All Kinds of Forest Products), 9 Marine blk
Schomberg Hardwood Lumber Co., 204 Grand av
Schroeder, Fred & Co., Pleasant c Water
*Schroeder, John Lumber Co., ft of Walnut
Silkman, J. H. Lumber Co., ft National av
Simpson, E. B. & Co., 151 6th
*South Arm Lumber Co., 428 Grand av
§Steinman Lumber Co. (Lumber, Lath & Shingles), 1st av c Canal
§Street, E. S. & Co., 114 Wisconsin
§Tegge Lumber Co. (Hardwood), 684 Park
*Wilbur Lumber Co., Pabst bldg
MISHICOTT—*Hoffman & Co. (Shingle Mill)
Schimmel, N. & Co. (Saw Mill)
MORRIS—Buckstaff-Sprague Lumber Co.
MOSINEE—*Dessert, Jos. Lumber Co. (Pine, Hardwood, Lath & Shingles)
*Watertown Lumber Co.
NEILLSVILLE—Trogner, G. W. (Saw Mill)
NEW GLARUS—*New Glarus Lumber Co.
NEW LONDON—*Milke, John & Hatten Lumber Co. (Hardwood)
*Page & Lyon Mfg. Co.
NEW RICHMOND—*Willow River Lumber Co.
NILES—Johnson, J. M. (Saw Mill)
NORWALK—*Haldeman, Fred (Hardwood)
Walz, Geo. A. (Saw Mill)
OCONTO—Hart, Cyrus S. (Cedar)
*Holt Lumber Co.
*Oconto Lumber Co. (Saw Mill)
*Spies, Jacob, Jr. (Lumber & Saw Mill)
ODANAH—*Stearns, J. S. Lumber Co. (White Pine)
ONALASKA—*Nichols, C. H. Lumber Co. (Pine)
ONO—Wood & Ogilvie (Saw Mill)
ONTARIO—Jones & Williams (Saw Mill)
OSHKOSH—*Paine Lumber Co. (Mill Work)
*Wagstaff, W. J. (Flooring, Finish, Cedar Shingles, etc.)
OWEN—*Owen, John S. Lumber Co. (Pine & Hardwood)
*Williams & Libby Lumber Co. (Hardwood)
PADUS—*Indiana Lumber Co.
PELLA—*Grosskopff Bros.
PENTOGA—*Kreuger, Wm. F. (Lumber, Lath & Shingles)
PESHTIGO—*Constine, C. & Son (Lumber & Cedar)
Peshtigo Lumber Co.
PHILIPS—*Davis, John R. Lumber Co. (Pine & Hemlock, Hardwood, etc.)
PLATTEVILLE—*Eastman, M. Lumber Co.
Jenkins, Eastman Lumber Co.
*Morton, Edgar Lumber Co.
POLAR—*Muller & Levkom
Tyrell, G. & Son (Saw Mill)
PORT WING—*Ebony Mfg. Co. (Hardwood)
POUND—Gillen & Warning (Saw Mill)
RED CLIFF—*Red Cliff Lumber Co.
ber Co. (Pine, Lumber, Lath & Shingles.)
*Cutright & Russell (Pine, Lumber, Lath & Shingles). (See also Peoria, Ill.
*Godkin, John (Pine, Lumber, Lath & Shingles). (See also Bay City, Mich.)
*Johnson, Hinman Lumber Co. (Pine, Lumber, Lath & Shingles)
*Rice & Thrall (Pine, Lumber, Lath & Shingles)
*Robbins Lumber Co. (Pine, Lumber, Lath & Shingles)
*Silverthorne & Co. (Pine, Lumber, Lath & Shingles). (See also N. Tonawanda, N. Y.
Stevens Lumber Co. (Saw Mill)
*Wixson, Bronson & French Co. (Pine, Lumber, Lath & Shingles)
RIB FALLS—*Baeseman Bros. Mfg. Co.
RIB LAKE—*Kennedy, J. J. (Hemlock, Lumber & Shingles)
Rib Like Lumber Co.
RICE LAKE—*Rice Lake Lumber Co. (White Pine)
Signor, Chrisler & Co.
RICHFIELD—Kurtz, Jacob (Saw Mill)
Mayer, Charles (Saw Mill)
ROME—McFarlane & Zahrmark (Saw Mill)
ROSENCRANS—Rabenhorst, F. S. (Saw Mill)
ROSHOLT—Rosholt, J. G. (Saw Mill)
ST. CROIX FALLS—*Lemmia, F. E. (Hardwood)
Mullen, J. W. (Saw Mill)
ST. NAQIANL—*Weber, Peter (Shingle Mill)
SAWYER—*Shaw, A. & Co. (Shingle Mill)
SCANDINAVIA—Wrolstad, John O. (Saw Mill)
SCHLEISINGERVILLE—Kletti, John (Saw Mill)
SCHOFIELD—*Brooks & Ross Lumber Co. (Pine, Hemlock & Lath, Shingles, Pickets., etc.)
SHELL LAKE—*Shell Lake Lumber Co. (White Pine)
SILVER CREEK—Schennert Bros. (Saw Mill)
SOLDIERS GROVE—Peterson, A. (Saw & Planing Mill)
SPARTA—Evans, J. W. (Saw & Planing Mill)
SPENCER—Parrett, Francis (Saw Mill)
SPRING VALLEY—*Elmwood Mfg. Co. (Veneers, Basswood Sides, Backs & Dashers for Swell & Portland Cutters, Glass Backs, Draw Buttress & Panels for all purposes)
Stein, C. H. (Saw Mill)
STANGELVILLE—Reinke, P. L. G. (Saw Mill)
STANLEY—Stanley Mfg. Co. (Saw Mill)
STAR LAKE—*Salsich & Wilson.
STATE LINE—*Mather Bros. Mfg. Co.
STEVENS POINT—Bentley, S. Y. (Saw Mill)
*Boyington, N. Co. (Lumber & Loggers)
*Clifford & Fox Lumber Co.
*Fox, A. M. & Co.
*South Side Lumber Co.
*Stevens Point Box Co. (Box Shooks)
*Weeks, John Lumber Co.
STILES—*Eldred, Anson Co.
STOOPS—Siny Bros. (Saw Mill)
STRATFORD—*Conner, R. Lumber Co.
STURGEON BAY—*Leatham & Smith Lumber Co.
*Pankratz Lumber Co.
*Washburn, N. S. & Co.

SUPERIOR—*Hines, Edw. & Co. (of Chicago)
*Mills & Le Clair Lumber Co.
§Ogilvie & Turrish
*Peyton, Kimball & Barber
*Rogers-Ruger Co.
*West Superior Lumber Co.
SURING—Wagner, M. (Saw Mill)
SYMCO—*Flanagan, Thomas (Shingles)
TAUS—Boehm, Max (Lumber & Shingles)
TAVERA—Ellsworth, M. D. (Saw Mill)
THORP—Boardman, E. A. (Saw Mill)
Bobb Bros. (Saw Mill)
†Nye, Lusk & Hudson (Pine & Hardwood)
THREE LAKES—*Woodruff & Maguire Lbr. Co.
TIGERTON—Badger Lumber Co. (Saw Mill)
*Tigerton Lumber Co.
TOMAHAWK—Bay Mill Co. (Shingle Mill)
*Bradley Co. (Lumber, Lath & Shingles)
Crane Bros. (Saw & Planing Mill)
†Farmers' Lumber Co.
*Goodyear, C. A. (White & Norway Pine)
TOMAHAWK LAKE—*Lake Shore Lumber Co.
TONY—Hein, John Co. (Saw Mill)
TRADE LAKE—Grimh, C. G. (Saw Mill)
TWO RIVERS—*Two Rivers Mfg. Co.
UNITY—Fritz & Fry (Saw Mill)
UPSON—Vogel, Albert (Saw Mill)
VALTON—Bunker, R. M. & Co. (Saw Mill)
WABENO—*Wabeno Lumber & Mfg. Co.
WAGNER—Brown & Moore Co. (Shingles)
WASHBURN—*Akeley & Sprague
*Bigelow, A. A. & Co.
Hines, Edw. Lumber Co.
*Thompson Lumber Co.
WAUPACA—Hanson, A. M. (Saw Mill)
WAUSAU—Barker & Stewart (Saw & Planing Mill)
*Clay Lumber Co.
*Curtis & Yale (Hardwood, Basswood, Pine, etc.)
*Fenwood Lumber Co.
Fox, A. M.
*Garth Lumber Co.
*Gensman, Jacob
*Goodwillie Bros. (Box Shooks & Lumber)
*Mortenson, Jacob Lumber Co. (White & Norway)
*Mortenson & Stone
*Slimmer, J.
*Sondheimer, E. & Co. (Ash, Elm & Hardwood)
*Staples & Strong
*Stewart, Alex. (Lumber, Lath & Shingles)
*Wausau Box & Lumber Co. (Lumber & Box Shooks)
*Werheim Mfg. Co. (Hemlock, Pine, Hardwood, Basswood, Sash, Doors, Mouldings & Finish)
*Wisconsin Box Co. (Pine & Basswood Lbr. & Box Shooks)
*Wisconsin Hardwood Export Co. (Wisconsin Hardwood)
WAYNE—Menger & Guenther (Saw Mill)
WAYSIDE—Haese, Aug. (Saw Mill)
WESTBORO—*Westboro Lumber Co.
WHITEWATER—*Nichols, E. R. & Co.
WINNECONNE—*Winneconne Lumber Co.
WOODBORO—*Wood, George E. Lumber Co.
ZIEGLER—Sellin, Hy (Saw Mill)

WYOMING.

DOUGLAS—Marshall Bros. (Saw Mill)
EVANSTON—Atkinson, J. L. (Saw Mill & Lumber)
ROCK SPRINGS—*Green River & Tie Co.
SUNDANCE—Sius, Ira B. (Saw Mill)

Lumber (Metal Plated)

Metal Plated Car & Lumber Co. (for Railway Cars, Steamships & Structural Work), 170 B'way, New York

Luxeberry Wood Finish

BERRY BROS. (Ltd.) Main Office & Factory, Detroit, Mich.; 262 Pearl, New York; 520 Atlantic av, Boston, Mass.; 26 N 4th, Phila., Pa.; 200 W Saratoga, Baltimore, Md.; 15 Lake, Chicago, Ill.; 420 Main, Cincinnati, O.; 112 S 4th, St. Louis, Mo., & 809 Mission, San Francisco, Cal. (See adv. index, end of book)

Macadam Roads

(See Contractors, General.)

Machine Parts (Finished)

Franklin, H. H. Mfg. Co. (Standard & Special, "Franklin" Metal Finished Castings), Syracuse, N. Y.
Howland-Sherman Mfg. Co. (Standard & Special), Calvert bldg, Baltimore, Md.
Legler, Grimes & Eilerman, (Finished Castings), Dayton, O.

Machine Rack

STANDARD GAUGE STEEL CO. (Finished Cut Steel), Beaver Falls, Pa. (See adv. index, end of book)

Machine Screw Work

(See Screw Machine Work)

Machine Shop Furniture

New Britain Machine Co., New Britain, Conn.

Machine Tools

For Dealers in Machine Tools. See Machinists' Tools & Supplies. Also Machinery Dealers.

CONNECTICUT.

BRIDGEPORT—Automatic Machine Co.
Bullard Machine Tool Co.
Grant Mfg. & Machine Co.
Springfield Mfg. Co.
HARTFORD—Billings & Spencer Co.
Cook, Asa S. Co.
Cushman Chuck Co.
Dwight Slate Machine Co.
Fenn-Sadler Machine Co.
Phoenix Mfg. Co.
Pratt & Whitney Co.
Quint, A. D.
Sigourney Tool Co.
Spencer Automatic Machine Screw Co.
Vanderbeck Tool Works
Whitney Mfg. Co.
MERIDEN—Merriman, A. H.
NEW BRITAIN—Skinner Chuck Co.
NEW HAVEN—Brown, R. H. & Co.
Geometric Drill Co.
Griswold, George M.
Hoggson & Pettis Mfg. Co.
New Haven Mfg. Co.
SHUSTER, F. B. CO. (See adv. end of book)
NEW LONDON—Whiton, D. E. Machine Co.
PLAINVILLE—Norton & Jones Machine Tool Works
TOLAND—Clough, R. M.
TORRINGTON—Hendey Machine Co.
WATERBURY—Blake & Johnson
Cross & Speirs Machine Co.
Manville Bros. Co., 25 Benedict
National Lathe Tool Co., Division c N Vine
Waterbury Farrell Foundry & Machine Co.
WESTVILLE—(See New Haven)
WINDSOR LOCKS—Horton, E. & Son Co.
WINSTED—Carter & Hakes Machine Co.

DELAWARE.

WILMINGTON—Betts Machine Co. (Heavy Machine Tools, etc.)
Hilles & Jones Co.
Trump Bros. Machine Co.

ILLINOIS.

CAIRO—Reed, J. B.
CHICAGO—Armstrong Bros. Tool Co., 617 Austin av
Foster-Kimball Machine Co.
Greenlee Bros. & Co., 225 W 12th, Chicago
MANNING, MAXWELL & MOORE, 22, 24, 26 S Canal. (See adv. index, end of book)
EDWARDSVILLE—Bignall & Keeler Mfg. Co.
ELGIN—Mosely Lathe Co. (Watchmakers' Tools)
FREEPORT—Hoefer Mfg. Co.
MOLINE—Moline Tool Co.
Williams, White & Co.
ROCKFORD—Barnes, B. F. Co.
Barnes, W. F. & John Co.
Ingersoll Milling Machine Co. (Milling Machines)
Mechanics Machine Co.

INDIANA.

ANDERSON—Hill Tool Co.
AURORA—Aurora Tool Works
INDIANAPOLIS—Crescent Machine & Tool Co., 220 S Penna
Indianapolis Tool & Mfg. Co., 15 McNabb
Parkhurst Bros. & Co., 218 Kentucky av
SOUTH BEND—Sibley Machine Tool Co. (Power Drills)

IOWA.

DUBUQUE—Adams Company

KENTUCKY.

COVINGTON—Sebastian Lathe Co.
LOUISVILLE—Clark, Jas. Jr. & Co. (Electrically Driven), 313 W Main

MAINE.

ATHOL—Richardson-Oliver Co.
DEXTER—Fay & Scott

MARYLAND.

BALTIMORE—Detrick & Harvey Machine Co., 508 E Preston
Mergenthaler, Ott Co., Claggett & Allen

MASSACHUSETTS.

BOSTON—Bartlett, Edwin E., 364 Atlantic av
Faneuil Watch Tool Co., Brighton, Boston, Mass.
Lapointe Machine Tool Co., 32 Atlantic av
MANNING, MAXWELL & MOORE, 128 Oliver. (See adv. index, end of book)
Wyke, John & Co., 808 Saratoga
CHICOPEE FALLS—Stevens, J. Arms & Tool Co.
EVERETT—Blount, J. G. & Co.
FITCHBURG—
Fitchburg Machine Works
Putnam Machine Co.
GREENFIELD—Automatic Machine Co.
Wells Bros. Co.
HOLYOKE—Goddard Machine Co.
HYDE PARK—Becker, Brainard Milling Machine Co.
LEEDS—Northampton Emery Wheel Co.
LOWELL—Cady, George L. & Sons
Fifield, George W., Marginal st
NEW BEDFORD—Morse Twist Drill & Machine Co.
SHELBURNE FALLS—Mayhew, H. H. Co.
SO. SUDBURY—Hurlbut-Rogers Machine Co.
SPRINGFIELD—Baush Machine Tool Co.
Waltham Watch Tool Co.
TAUNTON—New Process Twist Drill Co.
WALTHAM—Stark, John
WORCESTER—Baker-Resik Machine Tool Co.
Barr, Henry G. & Co. (Light)
Blaisdell, P. & Co.
Boynton & Plummer
Draper Machine Tool Co.
Johnson, Prentice Co.
Kidder, R. E., 2 Hermon
McMahon & Co.
Norton Emory Wheel Co.
Pond, L. W. Machine Co.
Prentice Bros. Co.
Reed, F. E. Co.
Robbins, L.
Snyder, J. E.
Washburn Shops of the Worcester Polytechnic Institute
Whitcomb Mfg. Co.
Woodward & Powell Planer Co.
Young, W. C. Mfg. Co.

MICHIGAN.

DETROIT—Central Machine & Engineering Co., 64 2d
Detroit Twist Drill Co., Standish & 21st

Leland & Faulconer Mfg. Co., Trombly av & D. G. H. & M.Ry.
Skareen & Ericsson, 58 1st
Leland & Faulconer Mfg. Co., 480 Trombly av
GRAND RAPIDS—Fox Machine Co., 127 N Front
JACKSON—Walcott, George D. & Son
MUSKEGON—Morton Mfg. Co.
SAGINAW—Mitts & Merrell
Wickes Bros.

MISSOURI.

MOBERLY—Faessler, J. Mfg. Co.
ST. LOUIS—Knight, W. B. & Co., 1518 Olive
Kuebler, C. G., 22 N 2d
MANNING, MAXWELL & MOORE, 305 Frisco bldg. (See adv. index, end of book)
Mound Tool & Scraper Co., 710 Howard
St. Louis Machine Tool Co., 1114 S 8th
Standard Tool Co., 823 N 6th
Swaine, Fred. J. Co., 7th & O'Fallon

NEW HAMPSHIRE.

LAKEPORT—Bickford, H. & Co.
NASHUA—Flather & Co.
Flather, Mark Planer Co.

NEW JERSEY.

JERSEY CITY—Bayldon Machine & Tool Co. (Dies, Grinders, etc.)
NEWARK—Binsse Machine Co., Harrison
Gould & Eberhart
PLAINFIELD—Niles-Bement-Pond Co.
PEDRICK & AYER CO.

NEW YORK.

BUFFALO—Oliver, W. W. Mfg. Co. (Jewelers, etc.), 1483 Niagara
FRANKFORT—Pratt Chuck Co. (Chucks)

NEW YORK CITY.

Borough of Brooklyn

BROOKLYN—Almond, T. R., 83 Wash'n
Bliss, E. W. Co., 19 Adams
Burr, John T. & Sons, 385 Kent av
Hall, Thomas, 257 39th
Merrill Bros., 462 Kent

Boroughs of Manhattan & Bronx

NEW YORK—Chapin-Stephens Co., 80 Chambers
Errington, F. A., 39 Cortlandt
Gardam, Joseph, 45 Rose
Garvin Machine Co., 137 Varick
McCabe, J. J., 14 Dey
MANNING, MAXWELL & MOORE, 85, 87 & 89 Liberty. (See adv. index, end of book)
Millers Falls Co., 28 Warren
Niles-Bement-Pond Co., 136 Liberty
PEDRICK & AYER CO., 85, 87, 89 Liberty
END OF NEW YORK CITY.

ROCHESTER—Cochrane-Bly Machine Works
Davis, W. P. Machine Co.
Gleason Works, 100 Brown's Race
Wilson, W. A. Machine Co., 217 N Water
SENECA FALLS—Seneca Falls Mfg. Co.
WATERFORD—Snyder & Metcalf

OHIO.

CINCINNATI—American Tool Works Co., 6th & Eggleston av
Andrew, M. L. & Co., 118 W 2d
Barker, Wm. & Co., Pioneer & Culvert
Belmar Machine Tool Co., 2834 Western av
Bickford Drill & Tool Co., Pike & Front
Bradford Machine Tool Co., 671 Evans
Cincinnati Machine Tool Co., Spring Grove av & Township
Cincinnati Milling Machine Co., Spring Grove av & Alfred
Cincinnati Planer Co., Harrison av & Buck
Cincinnati Punch & Shear Co., 1416 Plum
Cincinnati Shaper Co., 220 Webster
Dietz Machine Tool Co., Garrard av & Elam
Dreses Machine Tool Co.
Fosdick Machine Tool Co., Blue Rock & Apple
Gang, Wm. E. & Co., 1547 Queen City av
Gray, G. A. Co., Gest & Depot
Greaves, Klusman & Co., c Cook & Alfred
Knecht Bros. Co., 2442 Beekman
Le Blond, R. K. Machine Tool Co., 4609 Eastern av
Lodge & Shipley Machine Tool Co., 3065 Colerain av
M. & M. Machine Co., 216 W Pearl
Mueller Machine Tool Co., 216 W Pearl
National Machine Tool Co., 208 Laurence
Norwood Machine & Mfg. Co., 2d & Plum
Oesterlein Machine Co., Elam & Garrard av
Queen City Machine Tool Co., Sycamore & Webster
Rahn, Mayer, Carpenter Co., Spring Grove & Garrard avs
Roach & Von Wyck, Elmore & C. H. & D. R. R.
Schumacher & Boye, Buck & Queen City av
Shepard Lathe Co., 129 W 2d
Silk, P. P. Machine Tool Co., 415 E 2d
Smith & Mills, Spring Grove av & Township
Steptoe, John Shaper Co. (Shapers), 2949 Colerain av
Streit, A. Machine Co., 311 W 2d
Willard Machine & Tool Co., Pearl & Ludlow
CLEVELAND—Baker-Resek Co.
Bardons & Oliver, 20 Water
Bardons & Oliver, Case av & Hamilton
Bultman, F. H. & Co., 131 Viaduct
Cleveland Machine & Mfg. Co., 1198 Hamilton
Cleveland Punch & Shear Works Co., 156 Case av
Cleveland Twist Drill Co., Lake & Kirtland
Foote, Burt & Co., 307 St. Clair
Lane Tool Co., 1196 Hamilton
Lucas Machine Tool Co., Robinson av at L. S. & M. S. Ry.
MANNING, MAXWELL & MOORE, Williamson bldg. (See adv. index, end of book)
Reade Machinery Co., American Trust bldg
Reliance Machine & Tool Co., 37 W Centre
Warner & Swasey Co., 57 E Prospect
DAYTON—Miami Valley Machine & Tool Co.
HAMILTON—Hamilton Machine Tool Co.
Niles-Bement-Pond Co.
KENTON—Ohio Machine Tool Co.
SPRINGFIELD—Fairbanks Machine Tool Co.
Owen Machine Tool Co.
Springfield Machine Tool Co.
Webster & Perks Tool Co.
TIFFIN—Sterling Emery Wheel Mfg. Co.
TOLEDO—Baker Bros. (Saw Benches, Key Seaters, etc.)
Toledo Machine & Tool Co.
WINTON PLACE—King Machine Tool Co.
XENIA—Kelly, R. A. Co.

OKLAHOMA TERRITORY

OKLAHOMA—Oklahoma Tool Mfg. Co.

PENNSYLVANIA.

ALLEGHENY—Pittsburg Machine Tool Co., Darrah, n Lacock
FRANKLIN—Colburn Machine Tool Co.
LANCASTER—Champion Blower & Forge Co. (Upright Self-Feed Drills, etc.)
PHILADELPHIA—Bagshaw & Field, 317 Cherry
Dill, T. C. Machine Co., cor Somerset & Mascher
Ellison Bros., 2213 Bridge, Fkd
Espen & Lucas Machine Works, Broad & Noble
Girard Machine & Tool Co., 491 N 3d
Harrington, Edwin Son & Co., 1515 Penna av
Johnson, Isreal H., Jr., Co., 144 Callowhill
Keystone Machine Tool Works, 1037 Ridge av
MANNING, MAXWELL & MOORE, 721 Arch. (See adv. index, end of book)
Nazel Machine Tool Works, 1042 Ridge av
Newton Machine Tool Works, 2347 Vine
Niles-Bement-Pond Co., Mifflin c Meadow
Pedrick & Smith, 226 E Girard av
Sellers, Wm. & Co. (Inc.), 1600 Hamilton
Stow Flexible Shaft Co., 26th c Callowhill
Underwood, H. B. & Co., 1027 Hamilton
PITTSBURG—**MANNING, MAXWELL &** Moore, Park bldg. (See adv. index, end of book)
SO. BETHLEHEM—Bethlehem Foundry & Machine Co.
WAYNESBORO—Landis Tool Co.

RHODE ISLAND.

PAWTUCKET—Carpenter, J. M. Tap & Die Co.
Fales & Jencks Machine Co.
Potter & Johnston Machine Co.
PROVIDENCE—Beaman & Smith Co.
Brown & Sharpe Mfg. Co.
Graham Mfg. Co.
Mann, Charles A., 166 Doyle av
Slocomb, J. T. Co., 29 Oxford

VERMONT.

SPRINGFIELD—Fellows Gear Shaper Co.
Jones & Lamson Machine Co.
WINDSOR—Windsor Machine Co.

WEST VIRGINIA.

WHEELING—Spears & Riddle

WISCONSIN.

MADISON—Gisholt Machine Co.
MILWAUKEE—Kempsmith Mfg. Co., cor Linus & Woodward
Stein & Malischke, 382 6th

MACHINERY.

For Dealers in Machinery see Machinery Dealers; also Machinists' Tools & Supplies.

Note.—For various kinds of machinery manufacturers see sub-classifications of this head following in their regular alphabetical order. See also Machine Tools; also Drills of various kinds; also Lathes of various kinds; also Planers, various kinds; also Sugar Machinery; also Textile Machinery, etc.; also Air Compressors; also Blowers; also Conveyors; also Cranes; also Dynamos & Motors; also Elevators; also Engines; also Locomotives; also Pumps; also Road Rollers, of various kinds; also Rock & Ore Crushers. For page numbers, see index of contents.

SEE ALSO MACHINISTS & FOUNDERS.

Abrading Machines

Clark & Mills Electric Co. (for Testing Road Making Materials), 543 Boylston, Boston

Adding Machines

American Arithmometer Co. (The Burroughs), St. Louis, Mo.
Locke, C. E. Mfg. Co., Kensett, Ia.
Household Sewing Machine Co., Providence, R. I.

Addressing & Mailing Machines

Addressograph Co., 173 S Canal, Chicago, Ill.
Agnew Auto-Mailing Machine Co. (Mailing Machines Only), 156 Pearl, Boston, Mass.
Challenge Machinery Co., Grand Haven, Mich.
Elliott Co. (Card Index), 100 Purchase, Boston, Mass.; 309 B'way, New York, & Monadnock blk, Chicago, Ill.
Gibbs-Brower Co. (Elliott), 150 Nassau, N. Y.
Pollard-Alling Mfg. Co., 312 E 23d, New York
Wallace & Co., 29 Murray, New York

Dyeing Machinery

(See Textile Machinery.)

Anchor Machines

(For Spear Anchors & Bending & Shaping Iron Bars.)

Bethlehem Foundry & Machine Co., South Bethlehem, Pa.

Angle Straightening Machines

Brodesser Elevator Mfg. Co., Milwaukee, Wis.
Philadelphia Roll & Machine Co., S 23d & Wash'n av, Phila., Pa.

Anvil, Vise & Drilling Machines (Combined)

Bonney Vise & Tool Works ("Gipsey"), 3015 Chestnut, Phila., Pa.

Apple Grating Machines

Klotz Machine Co. ("Hero"), Sandusky, O.

Apple Pearing Machines

SPRAGUE CANNING MACHINERY Co. (For Canners), 42 River, Chicago, Ill. (See adv. index, end of book)

Armature Disc Notching Machines

Iroquois Machine Co., Providence, R. I., & 150 Nassau, New York City

Artesian Well Boring & Drilling Machinery

(See Well Drilling Machinery.)

Asphalt Block Machines

Wilkinson, Walter S., Baltimore, Md.

Asphalt Machinery

CONTRACTORS' TOOL CO., 704 Arch, Phila., Pa. (See adv. index, end of book)
Cummer, F. D. & Sons Co., The Arcade, Cleveland, O.
Erie Machine Shops, Erie, Pa.
Hetherington & Berner Co., Indianapolis, Ind.
Iroquois Iron Works, 178 Walden av, Buffalo, N. Y.
Pioneer Machine Works (Jas. Hartley, Prop.), (Road Making), 75 Delevan, Brooklyn, N. Y.

Auger Brick Machines

Leader Mfg. Co., Decatur, Ill.
Steele, J. C. & Son, Statesville, N. C.

Axe Handle Machinery

(See Lathes, Handle Turning.)

Axle Upsetting Machines

Ajax Mfg. Co., Cleveland, O.

Bag Filling Machines

(See also Packing Machines.)

Brown Bag Filling Machine Co., Fitchburg, Mass.
Dentler Bagger Co., Vicksburg, Mich.
New England Automatic Weighing Machine Co., 275 Congress, Bostor
O'Brien, A. P. (Sacking & Weighing), Richmond, Va.

Bag Making Machinery

Crompton & Knowles Loom Works (Looms), Worcester, Mass.
Royal Machine Co., 61 N. J. R. R. av, Newark, N. J.
Standard Machine Works, Newark, N. J.

Bakers' Machinery

(See Confectioners' Machinery.)

Bale Tie Machines

Bruno Bale Tie Machine Mfg. Co. (Automatic for Crossheads & Eyes), 409 E 47th, New York city

Band Sawing Machines

American Wood Working Machinery Co., 136 Liberty, N. Y.; 45 S Canal, Chicago, & Williamsport, Pa.
Bentel & Margedant Co. (Also Bands, Re-Saws), Hamilton, O.
Clement, Frank H. Co., Rochester, N. Y.
Colladay, Jos. O., 624 Race, Phila., Pa.
Connell & Dengler Machine Co. (Band, Segment Re-Saws), Rochester, N. Y.
Cordesman Machine Co. ("Re-Saw"), 25 Butler, Cincinnati, O.
Defiance Machine Works, Defiance, O.
Fay, J. A. & Egan Co., c John & Front, Cincinnati, O.
Fischer Machine Works (Band, Segment & Slab Re-saws, etc.), 345 S Canal, Chicago, Ill.
Garland, M. Co. (Self Feeding), Bay City, Mich.
Greaves, Klusman & Co., Cook & Alfred, Cincinnati, O.
Hall & Brown Wood Working Machinery Co., St. Louis, Mo.
Hobbs Mfg. Co. (Re-Saws), Worcester, Mass.
Indiana Machine Works Co., Fort Wayne, Ind.
Kennedy, Ralph M., 117 N 7th, Phila., Pa.
McDonough Mfg. Co., Eau Claire, Wis.
Mershon, W. B. & Co. ("New England Ideal," Band Re-Sawing), Mershon station
Oliver Machinery Co. ("Oliver") Grand Rapids. Mich.
Parks, L. F., Knowlton & C. H. & D. R. R., Cincinnati, O.
Power, L. & Co., 20 S 23d Phila., Pa.
Roots, P. H. & F. M. Co., Connersville, Ind., & 120 Liberty, New York
Silver Mfg. Co., Salem, O.
Smith, H. B. Machine Co., Smithville, N. J., & 123 Liberty, N. Y.
United States Machine Co. (Box, Board or Slap), Williamsport, Pa.
Wickes Bros. (Also Re-sawing), Saginaw, Mich.
Woods, S. A. Machine Co., 445 Dorchester av, Boston, Mass.
Wright, Chas. E. Co., New Orange, N. J.
Yerkes & Finan Wood Working Machine Co. (Also Re-Saws), St. Louis, Mo.

Band Spruce Sawing Machines

Brass Founders Supply Co. (For Brass Founders), Newark, N. J.

Barbing Machines (Nail)

Miller's, H. J. Sons, Bridgewater, Mass.

Barley Machinery

BARTLETT, C. O. & SNOW CO. ("Pearl"), French st, Cleveland, O. (See adv. index, end of book)

Barrel Boring Machines

Strait, H. N. (For Boring Holes in Barrels), Kansas City, Mo.

Barrel Hoop Driving Machines

Strait, H. N., Kansas City, Mo.

Barrel Hoop Machinery

(See Hoop Machinery.)

Barrel, Keg, Stave & Heading Machinery

Atkins, E. C. & Co., Indianapolis, Ind.
Bartlett, A. F. & Co., Saginaw, Mich.
Benson, Azra M., 1135 Central av, Cleveland, Ohio
Chapman, T. M. & Sons Co., Old Town, Me.
Chattanooga Machinery Co. ("Standard" Stave Jointer for Slack Barrels, also Stave Bolt Equalizers, Stave Bolters, etc.), Chattanooga, Tenn.
Cook, R. A., Stevens' Point, Wis.
Defiance Machine Works, Defiance, Ohio
Dix, J. L. Foundry Co., Glens Falls, N. Y.
Garland, M. Co., Bay City, Mich.
Gerlach, Peter & Co. (For Staves, Headings, Saws, etc.), Cleveland, O.
Goodspeed Machine Co. (Cylinder Stave Saws for Pail, Keg, Barrel, Tub, etc.), Winchendon, Mass.
Holmes, E. & B. Machinery Co., 59 Chicago, Buffalo, N. Y.
Merritt Mfg. Co., Lockport, N. Y.
Michels, J. & Co. (Hoop), Detroit, Mich.
Oram, Jno. S., 160 Coe, Cleveland, O.
Perkins & Co. ("Columbia" Heading Machines, etc.), Grand Rapids, Mich.
Putnam, D. C. & Co. (Chamfering & Crozing Machines, etc.), Lyons, N. Y.
Rochester Barrel Machinery Works (Slack Barrel, etc.), Rochester, N. Y.
Stamm Machine Works (Stave Rejointers, etc.), Aurora, Ind.
Strait, H. N., Kansas City, Mo.
Strange's Machine Works, Taunton, Mass.
Trevor Mfg. Co. (Headings, Staves, etc.), Lockport, N. Y.
Whitman Agricultural Co. (Headers, etc.), 6900 S B'way, St. Louis, Mo.
Whitney, Baxter D. & Son (Stave Sawing Machinery), Winchendon, Mass.
Wickes Bros., Saginaw, Mich.

Barrel Washing Machines

Cleveland Brewers' Supply Co., 317 Pearl, Cleveland, O.
Link Belt Machinery Co. (Automatic), W 39th & Stewart, Chicago
Schock, G., 341 E 59th, N. Y.

Basket Machinery

Cobden Machine Wks. (Stapling Machines), Cobden, Ill.
Horton Basket Machinery Co., Elmira, N. Y.
Mergenthaler-Horton Basket Machine Co., 253 B'way, New York city
Merritt Mfg. Co., Lockport, N. Y.
Titus, E. E. (Automatic Power Quark Basket Stapling Machines), Petersburg, Va.

Beading Machines

(See Crimping & Beading Machines)

Beam Coping Machines

Cincinnati Punch & Shear Co., 1416 Plum, Cincinnati, O.

Bean & Seed Sorting Machinery

Bacon Mfg. Co., Pontiac, Mich.
Miller Bros., Rochester, Mich.

Beef & Bacon Slicing Machines

Ams Max Machine Co., 372 Grecnwich, New York

Beet Sugar Machinery

(See Sugar Machinery classified in the letter "S")

Beet Washing & Slicing Machines

Maschinenfabrik Grevenbroich, 76 William, New York

Belt Dressing Machines

Rickart Mfg. Co. ("Rickarts" Roller), Scranton, Pa.

Belt Lacing Machines

Diamond Drill & Machine Co. ("Jackson"), Birdsboro, Pa.
Peerless Belt Lacing Machine Co., c Swanson & Moore, Phila., Pa.

Belt Makers' Machinery

Vaughn, Rood Co., Peabody, Mass.

Belt Stitching Machinery

Singer Mfg. Co. (For Rubber Belting, etc.), 149 B'way, New York

Belt Strapping Machines

Diamond Machine Co., Providence, R. I.
Northampton Emery Wheel Co., Leeds, Mass.,

Bending Machines

Almy, Geo. F., Delphos, O.
ANDERSON, W. H. & SONS (Hand Bull Dozer), Detroit, Mich. (See adv. index, end of book)
Ajax Mfg. Co. (or Bulldozing), Lake & Wason, Cleveland, O.
Bethlehem Foundry & Machine Co. (For Bar Iron, Angles, Tees, Plates, Pipe, etc.), South Bethlehem, Pa.
Bethlehem Steel Co., South Bethlehem, Pa.
Long & Allstatter Co. (Horizontal, etc., Double Steam, Motor & Belt Driven), Hamilton, O.
Niles-Bement-Pond Co., 136 Liberty, N. Y. Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Pittsburg Mfg. Co., 28th & R. R., Pittsburg, Pa.
Wallace Supply Co. (Hand Power) 156 5th av. Chicago, Ill, & 26 Cortlandt, New York
Wickes Bros. (Plate, etc.), Saginaw, Mich.

Bending Machines, Hydraulic

Morgan Engincering Co., Alliance, O.
Niles-Bement-Pond Co., 136 Liberty, N. Y Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Sellers, Wm. & Co. (Inc.) (For Angles, Bars, Beams, etc.), 1600 Hamilton, Phila., Pa.
Watson-Stillman Co., 46 Dey, New York

Bending, Straightening & Punching Machines

Pittsburg Mfg. Co. ("The Cosgrove Double End"), 28th & Railroad, Pittsburg, Pa.

Bending & Forming Machines

(See Forming & Bending Machines.)

Beveling Machines

NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Sheridan, T. W. & C. B. (Bookbinders, etc.), 56 Duane, N. Y., & 413 Dearborn, Chicago, Ill.

Bicycle Machinery

Blake & Johnson, Waterbury, Conn.
Garvin Machine Co., 137 Varick, N. Y.
Hoefer Mfg. Co., Freeport, Ill.
Manville, E. J. Machine Co. (Nipple Machinery), Waterbury, Conn.
Waterbury Farrell Fdy. & Machine Co., Waterbury, Conn.

Blast Furnace Machinery

(See also Rolling Mill Machinery.)

BROWNING ENGINEERING CO., Cleveland, O. (See adv. index, end of book)
Morgan Engineering Co., Alliance, O.
Scaife Foundry & Machine Co., Pittsburg, Pa.
Weimer Machine Works Co., Lebanon, Pa.

Blast Hole Drilling Machines

Cyclone Well Drilling Machine Co., Orrville, O.

Blending & Sifting Machines

Howes, S. Co., Silver Creek, N. Y.
Salzman Mfg. Co., Hamilton, O.

Blind Slat Crimping Machines

American Wood Working Machine Co., 136 Liberty, N. Y.; Williamsport, Pa., & 45 S Canal, Chicago, Ill.
Power, L. & Co., 20 S 23d, Phila., Pa.
Smith, H. B. Machine Co., Smithville, N. J., & 121 Liberty, N. Y.
Yerkes & Finan Woodworking Machine Co. (Blind Slat Tenoning & Boring Machines, etc.), St. Louis, Mo.

Blind Wiring Machines

American Wood Working Machine Co., 136 Liberty, N. Y.; Williamsport, Pa., & 45 S Canal, Chicago, Ill.
Cordesman Machine Co., 27 Butler, Cincinnati, O.
Fay, J. A. & Egan Co., c Front & John, Cincinnati, O.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. (See adv. index, end of book)
Power, L. & Co. ("Hinz") 20 S 23d Phila., Pa.
Scymour & Whitlock, Newark, N. J.
Smith, H. B. Machine Co., Smithville, N. J., & 121 Liberty, N. Y.

Bobbin Machinery

Defiance Machine Works (For Bobbins, Spools, etc.), Defiance, O.
Goodspeed Machine Co., Winchendon, Mass.

Boiler Head Flanging Machines

(See Flanging Machines).

Bolt Heading Machines

Acme Machinery Co., Cleveland, O.
Ajax Mfg. Co., Cleveland, O.
Boynton & Plummer, Worcester, Mass.
Bliss, E. W. Co., ft. Adams, Brooklyn, N. Y.
Brown, H. B. & Co., East Hampton, Conn.
Cole Mfg. Co., Lakeport, N. H.
Cook, Asa S. Co. (For Stove & Tire Bolts, etc.), Hartford, Conn.
HOWARD IRON WOOKS (The "Burdict," for Square, Hex & Carriage Bolts), adv. index, end of book)
National Machinery Co., Tiffin, O.
New, Doty Mfg. Co., Janesville, Wis.
Niles-Bement-Pond Co., 136 Liberty, N. Y. Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Pawtucket Mfg. Co., Pawtucket, R. I.
Putnam Machine Co., Fitchburg, Mass.
Waterbury Farrel Foundry & Machine Co. (Automatic Cold), Waterbury, Conn.
Wells Bros. Co., Greenfield, Mass.
Wiley & Russell Mfg. Co. (For Shoeing & Bolt Heading), Greenfield, Mass.

Bolt Pointing Machines

Acme Machincry Co., Cleveland, O.
American Iron & Steel Mfg. Co., Lebanon, Pa.
Detrick & Harvey Machine Co., 508 E Preston, Baltimore, Md.
HOWARD IRON WOOKS, 287 Chicago, Buffalo, N. Y., & 126 Liberty. New York. (See adv. index, end of book)
National Machinery Co., Tiffin, O.
Niles-Bemcnt-Pond Co., 136 Liberty, N. Y. Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pratt & Whitney Co., Hartford, Conn.

Bolt Threading Machines

Acme Machinery Co., Cleveland, O.
Becher, Jas. A., South Bend, Ind.
Brown, H. B. & Co., East Hampton, Conn.
Cook, Asa S. Co. (For Stove & Tire Bolts, etc.), Hartford, Conn.
Detrick & Harvey Machine Co. (The Adams), 508 E. Preston, Baltimore, Md.
Hart Mfg. Co., Wood c St. Clair, Cleveland, O.
HOWARD IRON WORKS (Automatic) 287 Chicago, Buffalo, N. Y., & 126 Liberty, New York. (Sec adv. index, end of book)
National Machinery Co., Tiffin, O.
Niles-Bement-Pond Co., 136 Liberty, N. Y. Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pratt & Whitney Co., Hartford, Conn.
Saunders, D. Sons, Yonkers, N. Y.
Webster & Perks Tool Co., Springfield, O.
Wells Bros. Co., Greenfield. Mass.
Wiley & Russell Mfg. Co., Greenfield, Mass.

Bolt Upsetting Machines

Acme Machinery Co., Cleveland, O.
Ajax Mfg. Co., Lake & Wasson, Cleveland, O.
National Machinery Co., Tiffin, O.
Niles-Bement-Pond Co., 136 Liberty, N. Y. Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Pawtucket Mfg. Co., Pawtucket, R. I.

Bolt & Nut Machinery

Acme Machinery Co., Cleveland, O.
Ajax Mfg. Co., Lake & Wason, Cleveland, O.
Brown, H. B. & Co., East Hampton, Conn.
Burdict, O. C., White bldg, Buffalo, N. Y.
Detrick & Harvey Machine Co., 508 E Preston, Baltimore, Md.
Eilers, H. P. Mfg. Co., 26 1-2 Water, Cleveland, O.
Garland Nut & Rivet Co. (Automatic Cold Pressed), Frick bldg, Pittsburg, Pa. Works, West Pittsburg, Pa.
Gould & Eberhardt, Newark, N. J.
HOWARD IRON WORKS (Automatic) Buffalo, N. Y., & 126 Liberty, New York. (See adv. index, end of book)
National Machinery Co., Tiffin, O.
Niles-Bement-Pond Co., 136 Liberty, N. Y. Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Pawtucket Mfg. Co., Pawtucket, R. I.
Phillips & McLaren, 24th & Smallman, Pittsburg, Pa.
Pratt & Whitney Co., Hartford, Conn.

Ray Automatic Machine Co., Cleveland, O.
Reed, Francis Co., Worcester, Mass.
Reliance Machine & Tool Co., Cleveland, O.
Waterbury Farrell Foundry & Machine Co., Waterbury, Conn.
Webster & Perks Tool Co., Springfield, O.
Wells Bros. Co., Greenfield, Mass.
Wiley & Russell Mfg. Co., Greenfield, Mass.
Williams, White & Co., Moline, Ill.

Bolt & Nut Screwing Machines

Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.

Bolting Machines

Ross, Charles & Son Co., 148 Classon av, Brooklyn, N. Y.
Sprout, Waldron Co., Muncy, Pa.

Book Binders' Machinery

Chambers Bros., Phila., Pa., & 60 Duane, New York
Crawley, E., Sr., & Co., Newport, Ky., & 6 Reade, N. Y.
Dexter Folder Co., 290 B'way, N. Y.
Economic Machine Co., 28 Reade, N. Y.
Egbert, H. L. & Co., 21 New Chambers, N. Y.
Fuller, E. C. Co., 28 Reade, New York
Hickok, W. O. Mfg. Co., Harrisburg, Pa.
Hoole Mach. & Engraving Works, 29 Prospect, Brooklyn, N. Y.
Lange, Henry G., 22 N May, Chicago, Ill.
Latham Machinery Co., 199 S Canal, Chicago, Ill.
Liberty Machine Co., 140 Nassau, N. Y.
Lovell, Chas. W., 6 Reade, N. Y.
Premier Machine Works, 164 William, N. Y.
Seybold Machine Co., Dayton, O.
Sheridan, T. W. & C. B., 56 Duane, N. Y., & 413 Dearnborn, Chicago
Smyth Mfg. Co., Hartford, Conn.
Standard Machinery Co., Mystic, Conn.
Tatum, Saml. C. Co., 414 W Water, Cincinnati, O.
Thompson & Son, 6 Elm, New Haven, Conn.
Ziegler, Robt. & Sons, St. Louis, Mo.

Book Covering Machines

Sheridan, T. W. & C. B., 56 Duane, New York, & 413 Dearborn, Chicago, Ill.

Book Sewing Machines

Smyth Mfg. Co., Hartford, Conn.
Thompson, Henry G. & Son Co., New Haven, Conn.

Boot Machinery

(See Shoe Machinery.)

Boring Machines

(See Metal Boring Machines; also Wood Boring Machines.)

Boring Machines for Electric Wiring

G. & E. Electric & Construction Co., Binghamton, N. Y.
McCrea, Jas. & Co. ("Robert's"), 67 W Washn, Chicago, Ill.
Star Electric Co. (the G. & E.), Binghamton, N. Y.

Boring Machines, Portable

Chicago Flexible Shaft Co., La Salle av & Ontario, Chicago, Ill.
Stow Flexible Shaft Co., N 26th c Buttonwood, Philadelphia, Pa.
Stow Mfg. Co., Binghamton, N. Y.

Boring & Drilling Machines (Horizontal)

American Tool Works, Cincinnati, O.
Barnes, B. F. Co., Rockford, Ill.
Barnes, W. F. & John Co., Rockford, Ill.
Betts Machine Co., Wilmington, Del.
Binsse Machine Co., Newark, N. J.
Blaisdell, P. & Co., Worcester, Mass.
CHICAGO TOOL & SUPPLY CO., 356 Dearborn, Chicago, Ill. (See adv. index, end of book)
DALLETT, THOS. H. CO. (Electric Portable), York & Sedgley av, Phila., Pa. (See adv. index, end of book)
Detrick & Harvey Machine Co., Baltimore, Md.
Draper Machine Co., Worcester, Mass.
Fitchburg Machine Works, Fitchburg, Mass.
Fosdick Machine Tool Co. (& Milling), Cincinnati, O.
Franklin Machine Works, 1231 Callowhill, Phila., Pa.
Keystone Machine Tool Works (& Milling), Ridge av & Hamilton, Phila., Pa.
Lucas Machine Tool Co., Robson av, Cleveland, land, O.
McCabe, J. J., 15 Dey, N. Y.
Niles-Bement-Pond Co., 136 Liberty, N. Y., Phila., Pa., & Hamilton, O.
Pawling & Harnischfeger, Milwaukee, Wis.
Pratt & Whitney Co., Hartford, Conn.
Putnam Machine Co., Fitchburg, Mass.
Warner & Swasey Co., Cleveland, O.

Boring & Tapping Machines, Automatic

Dressed Machine Tool Co. (Boring, Facing & Taping), Cincinnati, O.
Warner & Swasey Co., 57 E Prospect, Cleveland, O.

Bottle Filling Machines, Automatic

Bottlers' Secial Machinery Co., 110 E Indiana, Chicago, Ill.
Edison Mfg. Co., 257 Atlantic av, Boston, Mass.
Ermold, E., 652 Hudson, N. Y.
Henes & Keller Co., Menominee, Mich., & Milwaukee, Wis.

Bottlers' Machinery & Supplies

(See also Brewers' & Malsters' Machinery & Supplies.)

Aetna Bottle & Stopper Co. (Bottle Stoppers, etc.), Providence, R. I.
American Soda Fountain Co., 449 1st av, N. Y.
American Stopper Co., 4 Verona, Brooklyn, N. Y.
Baird Machine Co. (Special Machinery & Bottle Stoppers), Oakville, Conn.
Barry-Wehmiller Machinery Co., St. Louis, Mo.
Bernardin Bottle Cap Co. (Metallic Bottle Caps, "Cyclone" Soda & Beer Stoppers), Evansville, Ind.
Bishop & Babcock Co. ("Eureka" Beer Bottling Machine), Cleveland, O.
Blue Seal Supply Co., 12 Portland, Boston, Mass.
Boston Bottle Wiring & Labeling Co., 77 Franklin, Boston, Mass.
Bottle Capping Machine Co. (Bottle Capping Machines), Cincinnati, O.
Bottlers' Special Machinery Co., 110 Indiana, Chicago, Ill.
Brewers' & Bottlers' Machinery Works, Chicago, Ill.
Brooklyn Labeling Machine Co. ("Brooklyn." Labeling), 63 Clymer, Brooklyn, N. Y.
Budde & Westermann, 50 Vesey, N. Y.
Crown Cork & Seal Co. (Bottle Stoppers, etc.), 1511 Guilford av, Baltimore, Md.
Cunningham Mfg. Co., 113 S 7th, Phila., Pa.
Day, J. H. & Co., Cincinnati, O.
Dicke Tool Co., Downer's Grove, Ill.
Edson Mfg. Co., 257 Atlantic av, Boston
Ermold, Edward, 656 Hudson, N. Y.
Frankel, Max Co. (Bottlers' Supplies, Corks, etc.), 212 Pearl, New York
Henes & Keller Co. (Bottle Filling, Menominee, Mich., & Milwaukee, Wis.
Hoyt Bros. & Co. (Bottle Washers, etc.), Lynn, Mass.
Hygienic Bottling Machine Co., 6 Wall, N. Y.
Ledrich Mfg. Co., 6 Oak, Chicago
Lefiler, Chas. & Co. (Lighting), 63 Clymer, Brooklyn, N. Y.
Lightning Bottle Wirer Co. (Wiring), Produce Exchange, N. Y.
Loew Supply & Mfg. Co. (Bottle Cleaning Machines, etc.), Madison av & Kilburn, Cleveland, O.
Magnus, A. Sons Co., 244 E Randolph, Chicago
Merkel Mfg. Co., 19 Whitehall, N. Y.
Nordberg Mfg. Co., Milwaukee, Wis.
Puffer Mfg., 216 Centre, N. Y.
Schneider, Adolph ("Perfection" Bottling Machines), 141 S Clinton, Chicago, Ill.
VILTER MFG. CO., 1046 Clinton, Milwaukee, Wis. (See adv. index, end of book)
Wenzell, S. S. Machine Co. ("Eick" Bottle Washing & Rinsing), 443 N 12th, Phila., Pa.
Witteman Bros. (Specialties), 188 William, New York
Yawman & Erbe Mfg. Co., Rochester N. Y., & 360 B'way, New York
Zoller, Chas. & Co., 12 Water, N. Y.

Box Board Cleating Machines

Hayes Machine Co. (Inc.), 108 West, Brooklyn, N. Y.
Morgan Machine Co., Rochester, N. Y.

Box Board Machines

Austin & Son (also Heading), Grand Rapids, Mich.
Bentel & Margedant Co., Hamilton, O.
Carver Cotton Gin Co., East Bridgewater, Mass.
Fischer Machine Works (Power Feed Box Board Matcher), 345 S Canal, Chicago, Ill.
Gerlach, Peter & Co. ("Jumbo"), 28 Columbus, Cleveland, O.
Hall & Brown Wood Working Machine Co. (Power Feed Box Board Matcher), 1917 N B'way, St. Louis, Mo.
Humphrey Machine Co., Keene, N. H.
Murray, D. J. Mfg. Co., Wausau, Wis.

Box Board Matching Machines

Morgan Machine Co., Rochester, N. Y.

Box Board Printing Machines

Boston Printing Press & Mfg. Co. ("Prouty), 176 Federal, Boston, Mass.
Connell & Dengler Machine Co. (Three Colors), Rochester, N. Y.
Cross Printing & Sign Co., 57 Dayton, Chicago, Ill.
Grammes, L. F. & Sons (Cigar Box, etc.), Allentown, Pa.
Hayes Machine Co. (Inc.) (Autimatic), 100 Wes,t Brooklyn, N. Y.
Hooper, F. X., Baltimore, Md.
Morgan Machine Co. (One to Three Colors), Rochester, N. Y.
Yerkes & Finan Woodworking Machine Co., St. Louis, Mo.

Box Cleating Machines

Doig, Wm. S. (Est. of) (Also Nailing & Cleating Machine Combined), 54 Franklin, Brooklyn, N. Y.

Box Dressing Machines

Doig, Wm. S. (Est. of), 54 Franklin, Brooklyn, N. Y.
Hayes Machine Co. (Inc.), 108 West, Brooklyn, N. Y.

Box Board Scoring Machines

Hobbs Mfg. Co., Worcester, Mass.

Box Ending Machines

Hobbs Mfg. Co., Worcester, Mass.

Box Makers' Machinery

(See also Woodworking Machinery.)

American Woodworking Machine Co., 136 Liberty, N. Y.; Williamsport, Pa., & 45 S Canal, Chicago, Ill.
Atlantic Works (Inc.), 23d & Arch, Phila., Pa.
Bentel & Margedant Co., Hamilton, O.
Burgess, E. A. (Est. of) (Nailing, Trimming, etc.), New Haven, Conn.
Connell & Dengler Machine Co., Rochester N. Y.
Cordesman Machine Co., 25 Butler, Cincinnati, O.
Dovetail Box Machine Co. (Dovetail Box Machines), St. Paul, Minn.
Fay, J. A. & Egan Mfg. Co., e Front & John, Cincinnati, O.
Garland, M. Co. (Box Board, etc.), Bay City, Mich.
Grammes, L. F. & Sons (Cigar & Wooden), Allentown, Pa.
Hall & Brown Woodworking Machine Co., 1917 N B'way, St. Louis, Mo.
Hayes Machine Co. (Inc.), 108 West, Brooklyn, N. Y.
Heath, W. A. Machine Co., Lestershire, N. Y.
Hemingway Jno. (Sizing, etc.), Lynn, Mass.
Hobbs Mfg. Co., Worcester, Mass.
Holmes, E. & B. Machinery Co., 59 Chicago, Buffalo, N. Y.
Humphrey Machine Co., Keene, N. H.
Luther, B. G. & Co., Worcester, Mass.
Mereen, Arno (Box Shook Band, Re-Sew, etc.), Minneapolis, Minn.
Montague Iron Works Co., Montague, Mich.
Morgan Machine Co., Rochester, N. Y.
Power L. & H. Co., 20 S 23d, Phila., Pa.
Smith, H. B. Machine Co., Smithville, N. J.
Strange's Machine Works, Taunton, Mass.
Wickes Bros., Saginaw, Mich.
Woods, S. A. Machine Co., 445 Dorchester av, Boston, Mass.

Box Nail Feeding Machines

Doig, Wm. S. (Est. of) (Automatic), 54 Franklin, Brooklyn, N. Y.

Box Nailing Machines

Burgess, E. A. (Est.), New Haven, Conn.
Doig, Wm. S. (Est. of) (of all Kinds; also Double Decker Nailing & Cleating), 54 Franklin, Brooklyn, N. Y.
Grammers, L. F. & Sons, Allentown, Pa.
Hayes Machine Co. (Inc.) (Automatic), 108 West, Brooklyn, N. Y.
Holmes, E. & B. Machinery Co., Buffalo, N. Y.
Milliken Bros., 79 Washington av, Brooklyn, N. Y.
Morgan Machine Co., Rochester, N. Y.

Box Strapping Machines

Doig, Wm. S. (Est. of), 54 Franklin, Brooklyn, N. Y.

Box Trimming Machines

Burgess, E. A. (Est. of), New Haven, Conn.
Morgan Machie Co. (for Dressing Corners of Lock Corner Boxes), Rochester, N. Y.

Brass Sawing Machines

Griswold, Geo. M., New Haven, Conn.

Brazing Machines, Band Saw

American Wood Working Mach. Co., 136 Liberty, New York; Williamsport, Pa., & 45 S Canal, Chicago, Ill.
Atkins, E. C. & Co., Indianapolis, Ind.
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Cunningham, E. E., Worcester, Mass.
FILER & STOWELL CO., Becher & Ziemer, Milwaukee, Wis. (See adv. index, end of book)
Rogers, S. C. & Co., 10 Lock, Buffalo, N. Y.

Brewers' & Malsters' Machinery & Supplies

(See also Bottlers' Machinery & Supplies; also Ice and Refrigerating Machinery; also Elevating and Conveying Machinery; also, Heaters, Feed Water)

Adt, John B., 332 N Holliday, Baltimore, Md.
Albany Brass & Iron Co., Albany, N. Y.
Barry-Wehmiller Machinery Co., St. Louis, Mo.
Bethlehem Foundry & Machine Co. (Rice Picks, Malt Mills, Marsh Machines, Cleaning Reels, Cask Supporters, etc.), S Bethlehem, Pa.
Brahm, Jos., 150 Nassau, N. Y.
Buecker, Henry F., 27 W 6th, Newport, Ky.
Buffalo Scale Co. (Brewers' Scales), Buffalo, N.Y.
Cleveland Brewers' Supply Co., 317 Pearl, Cleveland, O.
Cypress Lumber Co. (Tanks, Vats, etc.), Apalachicola, Fla., & 153 Milk, Boston, Mass.
Deckebach, F. C. Sons Co. (Cooling Apparatus, etc.), 123 W Court, Cincinnati, O.
Engel, Geo. Beer Cooler Co., 182 E Genessee, Buffalo, N. Y.
Eureka Machine Co. (Brandling Machines, Pitch Spraying Apparatus, Pitching Machines, Keg-Scrubbing Machines, etc.), 961 Scranton av, Cleveland, O.
Fritsch, Francis Mfg. Co. (Engineers & Contractors), 223 W McMicken av, Cincinnati, O.
Galland-Henning Pneumatic Malting Drum Mfg. Co. (Pneumatic Malting Drums). Mitchell bldg, Milwaukee, Wis.
Girard Machine Works (Inc.), 2616 Girard av, Phila, Pa.
Goetz & Flodin Mfg. Co., 109 W Chicago av, Chicago, Ill.
Golden Gate Mfg. Co. (Racking Apparatus), 9 Desbrosses, N. Y.
Goldman, E. & Co., 175 E Randolph, Chicago
Harris, Geo. P. & Bro. (Copper & Brass Wk), 64 W Lake, Chicago, Ill.
Hersey Mfg. Co. (Thermo-Pneumatic Malting Apparatus), 314 W 2d, South Boston, Mass.
Hirsh & Schofield, 18 Water, N. Y.
Heyman, N. H. (Keg-Scrubbing, Sprinkling Machines, etc.), 438 E 59th, New York
Howes, S. Co. (Polishing & Separating Machines), Silver Creek, N. Y.
Huetterman & Cramer Co., 65 Catherine, Detroit, Mich.
Huntley Mfg. Co. ("Monitor" Malt Cleaner), Silver Creek, N. Y.
Irlbacker, Geo. L. (Cooling Apparatus, Malt Mills, Mashing Machines, etc.), 531 Main, Buffalo, N. Y.
JEFFREY MFG. CO. (Barrel & Keg Elevators), Columbus, O.; 41 Dey, New York, & Equitable bldg, Denver, Colo. (See adv. index, end of book)
Kaestner & Co. (Inc.) (Grain Removers, Mashing Machines, Pitching Machines, Malt Mills, etc.), 241 S Jefferson, Chicago, Ill.
Liquid Carbonic Co., 67 N Wells, Chicago
Loew Supply & Mfg. Co. ("Loco Magic" Purifier), Cleveland, O.
Matthews, John, Apparatus Co. (Carbonic Acid Gas Machinery), 449 1st av, New York
MEY CHAIN BELTING ENGINEERING WORKS, 14 Perry, Buffalo, N. Y. (See adv. index, end of book)
National Machine Works (Pitching Machines), Sheffield and North av, Chicago, Ill.
Olsen & Tilgner Mfg. Co., 37 Ontario, Chicago
Oram, Jno. S., Cleveland, O.
Orth, Fred (Mash Machines, etc.), 181 Prince, New York
Prinz & Rau Mfg. Co. (Barley Graders & Separators), 659 E Water, Milwaukee, Wis.
Reisinger, Hugo (Filtering Apparatus), 11 B'way, N. Y.
Rilling, Chas. (Mash Machines, Malt Mills, Malt Scourers, Grain Elevators, Barrel and Keg Elevators, etc.), 524 W 34th, New York
Robbins, Gamwell & Co. (Shaving Washer), 35 West, Pittsfield, Mass.
Rochester Bunging Apparatus Co. (Racking Apparatus), Beckley bldg, Rochester, N. Y.
Saladin Pneumatic Malting Construction Co. (Pneumatic Malting Plants), 57 S Clinton, Chicago, Ill.
Salzman Mfg. Co. (Grain Cleaners, Malt Scourers, etc.), Hamilton, O.
Schneible, Joseph Co. (Racking, Carbonating & Cooling Apparatus), 128 Mott, N. Y.
Schock, G. (Barrel Elevators, Shaving Machines, Malt Mills, Mash Machines, etc.), 341 E 59th, New York
Seibel-Suessdorf Copper & Iron Mfg. Co. (Barrel Washers, Isinglass Mixers, Beer Coolers, etc.), cor. 2d & Lombard, St. Louis, Mo.
Thornburgh, H. L. & Co., 245 S Jefferson, Chicago
Toepfer, W. & Sons, 76 Menominee, Milwaukee, Wis.
Torchiani, H. ("Ideal" Racking Aparatus, Pitching Machines, etc.), 195 Water, N. Y.
Vilter Mfg. Co. (Barrel, Malt Mills, etc.), 854 Clinton
VILTER MFG. CO. (Complete Brew-ery Equipment), 1046 Clinton, Milwaukee, Wis. (See adv. intex, end of book)
Wittemann Bros., 188 William, New York
Zoller, Chas. (Barrel Washing Machines, Keg Scrubbing Machines, etc.), 12 Water, New York

Briar Pipe Machinery

Leffler, Chas. & Co., 63 Clymer, Brooklyn, N. Y.

Brick Cutting Machines.

Freese, E. M. & Co., Galion, O.

Brick Grinding & Mitering Machines

Progress Press Brick & Machine Co., 3258 So. Kings Highway, St. Louis, Mo.

Brick Machinery & Supplies.

(See also Brick Dryers; also Brick Press Machines.)

Adrian Brick & Tile Machine Co., Adrian, Mich.
American Blower Co. (Dryers Only), 1400 Russell, Detroit, Mich.
American Clay Working Machinery Co., Bucyrus, O., & Willoughby, O.
Anderson Foundry & Machine Works, Anderson, Ind.
Arnold-Creager Co. (Supplies), New London, O., & 6th & Vine, Cincinnati, O.
Arnold, D. J. C. (Supplies), New London, O.
Atlanta Brick Machinery Co., Atlanta, Ga.
Baird, H. C. & Son, Park Hill, Ont., Can.
Battenfield, John N., Cleveland, O.
Boland, W. J., 209 S Clinton, Chicago, Ill.
Bonnot Company, Canton, O.
Brewer, H. & Co., Tecumseh, Mich.
Canner, P. & Co., Saugerties, N. Y.
Carnell, George (Est. of), 1819 N 5th, Phila, Pa.
Centre Foundry Co., Wheeling, W. Va.
Chambers Bros. Co., 52d, below Lancaster av, Phila., Pa.
Chicago Brick Machinery Co., 225 Dearborn, Chicago, Ill.
Chisholm, Boyd & White Co., W 57th c Wallace, Chicago, Ill.
Clearfield Machine Shops (Fire Brick), Clearfield, Pa.
Connellsville Machine & Car Co., Connellsville, Pa.
Crayeroft, Benj., Vandalia, Ill.
Crossley Mfg. Co., Trenton, N. J.
Des Moines Mfg. & Supply Co., Des Moines, Ia.
Eastern Machinery Co., New Haven, Conn.
Fate, J. D. Co., Plymouth, O.
Fernholtz Brick Machinery Co., Boyle & Old Massachusetts avs, St. Louis, Mo.
Ford, H., 964 Main, Springfield, Mass.
Freese, E. M. & Co., Gallon, O.
Frost Mfg. Co., Galesburg, Ill.
Globe Machinery & Supply Co., 418 W Court av, Des Moines, Ia.
GOODWIN, H. C. (Patent Hollow Concrete Building Stone Brick Machines), 208 Blake, Indianapolis, Ind. (See adv. index, end of book)
Hensley, Jas. W., Lemcke bldg, Indianapolis, Ind.
Hilton Machine Co., Dunkirk, N. Y.
Hollingsworth, W. T., Covington, Ky.
Horton Mfg. Co., Painesville, O.
Huetteman & Cramer Co., 65 Catharine, Detroit, Mich.
Kells Foundry & Machine Co. (Auger Machines, Brick & Tile), Adrian, Mich.
Knowles, W. H. (Clay Pans, etc.), Ottawa, Ill.
Kunert. E., Mfg. Co., Watertown, Wis.
Leader Mfg. Co., Decatur, Ill.
Madden & Co., Rushville, Ind.
Martin, Henry Brick Machine Mfg. Co., Lancaster, Pa.
Means Foundry & Machine Co., Steubenville, O.
Michigan Brick & Tile Machine Co., Morenci, Mich.

Morrison, Trammell Brick Co., Rome, Ga.
Mosaic Tile & Cement Brick Mach. Co., Detroit, Mich.
National Water Tube Boiler Co. (Crown Wheels, Wild Horses, Racks, Saddles, etc.), New Brunswick, N. J.
Naylor Bros., Peekskill, N. Y.
Ohio Ceramic Engineering Co., 50 Fall, Cleveland, O.
Ohio Machine Co., Middleport, O.
Potts, C. & A. & Co., 814 W Washington, Indianapolis, Ind.
Progress Press Brick & Mach. Co., S Kings Highway & Oak Hill R. R., St. Louis, Mo.
Raymond, C. W. Co., Dayton, O.
RELIANCE MACHINE & TOOL WORKS, 3333 Franklin av, St. Louis, Mo. (See adv. index, end of book)
Richmond Machine Works, Richmond, Ind.
Rockwood Mfg. Co. (Flour Pot Machines), Indianapolis, Ind.
Ross Keller Triple Pressure Brick Machine Co., Fullerton bldg, St. Louis, Mo.
Standard Dry Kiln Co., 69 S Penn, Indianapolis, Ind.
Simpson Bros. (Moulds, Presses, etc.), Portsmouth, O.
Scott Mfg. Co. (Pulverizers, Molds, etc.), Commonwealth Trust bldg, St. Louis. Mo. Works, Keokuk, Iowa
Smidth, F. L. & Co. (Inc.), 39 Cortlandt, New York
Stedman Foundry & Machine Works, Aurora, Ind.
Steele, J. C. & Son (Automatic Cutting Tales, Dies, Crushers, Cars, Winding Drums, etc.), Statesville, N. C.
Stevenson Co., Wellsville, O.
Tallcott, W. E. & Co., Croton-on-Hudson, N. Y.
Taplin, Rice & Co. (Sewer Pipe Presses & Dry & Wet Pans), Akron, O.
Tiffin Wagon Co., Tiffin, O.
Tyrone Foundry & Machine Co., Tyrone, Pa.
Waldron, Chas. (Brick Machine Moulds), Haverstraw, N. Y.
Wallace Mfg. Co., Frankfort, Ind.
Walworth Run Foundry Co. (Brick Cars), 883 Empress, Cleveland, O.
Wellington Machine Co., Wellington, O.
Wenger, Geo. Machinery & Supply Mfg. Co., St. Louis, Mo.
Wiles, A. M. & W. H. (Machinery & Supplies), Grassy Point, N. Y.
Wilkes, Moses (Est. of), Trenton, N. J.
Woolley Foundry & Mach. Co., Anderson, Ind.

Brick Mould Sanding Machines

Wellington Machine Co., Wellington, O.

Brick Press Machines

American Clay Working Machinery Co. (Dry & Semi-Dry & Re-Press), Bucyrus, O., & Willoughby, O.
Anderson Foundry & Machine Works, Anderson, Ind.
Arnold-Creager Co. (Re-Press), New London, O., & 6th & Vine, Cincinnati, O.
Baird, H. C. & Son, Parkhill, Ontario, Can.
Bonnot Co., Canton, O.
Brewer, H. & Co., Tecumseh, Mich.
Carnell, Geo. (Est. of) (Fire & Red), 1819 N 5th, Phila., Pa.
Chambers Bros. Co., 52d, below Lancaster av, Phila., Pa.
Chisholm, Boyd & White Co. (Dry Press), W 57th & Wallace, Chicago, Ill.
Clearfield Machine Shops (Ltd.), (Fire Brick), Clearfield, Pa.
Craycroft, Benj., Vandalia, Ill.
Eastern Machinery Co., New Haven, Conn.
Fate, J. D. Co., Plymouth, O.
Ford, H., 964 Main, Springfield, Mass.
Fernholtz Brick Machinery Co., Boyle & Old Manchester avs, St. Louis, Mo.
Freese, E. M. & Co., Galion, O.
Greene, F. P., Malden, Mass.
Hensley, James W., Indianapolis, Ind.
Horton Mfg. Co. ("Hercules," 'Standard" & "Ideal"), Painesville, O.
Leader Mfg. Co. (Represses), Decatur, Ill.
McMyler Mfg. Co., Cleveland, O.
Madden & Co., Rushville, Ind.
Martin, Henry, Brick Machine Mfg. Co., Lancaster, Pa.
Means Foundry & Machine Co., Steubenville, O.
Michigan Brick & Tile Machine Co. (Repress), Morenci, Mich.
Ohio Ceramic Engineering Co. (Dry & Repress), 50 Fall, Cleveland, O.
Ohio Machine Co. (Repress), Middleport, O.
Progress Press Brick & Machine Co., S King's Highway & Oak Hill R. R., St. Louis, Mo.
Raymond, C. W. Co., Dayton, O.
RELIANCE MACHINE & TOOL WOAKS, 3333 Franklin av, St. Louis, Mo. (See adv. index, end of book)
Ross-Keller Tripple Pressure Brick Machine Co. (Dry or Semi-Dry), Fullerton bldg, St. Louis, Mo.
Scott Mfg. Co. "Andrus"), Keokuk, Iowa
Simpson Bros. (Fire Brick), Portsmouth, O.
Steele, J. C. & Son (Represses), Statesville, N. C.
Tallcott, W. E. & Co. (Soft Clay), Croton-on-Hudson, N. Y.
Turner, Vaughn & Taylor Co. (Double Acting Direct Steam Press), Cuyahoga Falls, O.
Wallace Mfg. Co., Frankfort, Ind.
Wellington Machine Co., Wellington, O.
Wenger, Geo. Machinery & Supply Mfg. Co. (Dry Press, Stiff Mud, etc.), St. Louis, Mo.
Wiles, A. M. & W. H. Co., Grassy Point, N. Y.
Woolley Foundry & Machine Co., Anderson, Ind.

*Brick Sanding Machines

Horton Mfg. Co., Painesville, O.
Newton, A. H., Haverstraw, N. Y.

Bridge Operating Machinery

Edwards, Jos. & Co. (for Opening Draw Bridges), 414 Water, New York
Smith, Augustus, 39 Cortlandt, New York
Smith, Theodore & Sons Co., ft of Essex, Jersey City, N. J.

Briquetting Machinery

Chisholm, Boyd & White Co., W 57th & Wallace, Chicago
Mould, Henry S. Co., Empire bldg, Pittsburg, Pa.
United States Rapid-Fire Gun & Powder Co. (for Coal, Clay, etc.), Derby, Conn.

Broaching Machines

Burr, Jno. T. & Sons, 385 Kent av, Brooklyn, N. Y.

Broom Corn Planting Machinery

Colton, G. D. & Co., Galesburg, Ill.
Deere & Mansur Co. (Planters'), Moline, Ill.
Gale Mfg. Co. (Planters'), Albion, Mich.

Broom Handle Boring & Topping Machines

Trevor Mfg. Co., Lockport, N. Y.

Broom Machinery

Hand Stitch Broom Sewing Machine Co., Pittsburg, Pa.
Boyer, A. Broom Co., Galesburg, Ill.
Oatman & Tall, 55 N Moore, N. Y.
Pocock, Oliver, 1042 Harriet, Cinn., O.

Brush Boring Machines

Waldron, Jno. Co., New Brunswick, N. J.

Brush Machinery & Tools

Grammes, L. F. & Sons (Nailing, etc.), Allentown, Pa.
Pickering, M. J., 238 Arch, Phila., Pa.

Buckle Machinery

Manville, E. J. Machine Co., Waterbury, Conn.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
SHUSTER, F. B. CO., New Haven, Conn. (See adv. index, end of book)
Special Machinery Co. (Automatic Buckle Wire), Bridgeport, Conn.

Buckle Tongue Machines (Automatic)

SHUSTER, F. B. CO., New Haven, Conn. (See adv. index, end of book)

Buckwheat Machinery

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

Buffing & Polishing Machines

(See Lathes, Buffing & Polishing.)

Building Block Machinery

(See Hollow Building Block Machinery.)

Butchers' Machinery & Supplies

Bossert, Louis & Son (Blocks), Grand & Newtown Creek, B'klyn, N. Y.
Bradley's , G.W. Sons (Cleavers, etc.), Westport, Conn.
Brecht, Gus. V., Butchers' Supply Co., 1201 Cass av, St. Louis, Mo.
Chatillon, Jno. & Sons (Complete Line), 85 Cliff, New York
Christy Knife Co. (Family Cleaners), Fremont, Ohio
Cincinnati Butchers' Supply Co., 1986 Central av, Cincinnati, O.
Daemicke, Paul J. Co., 240 E Lake, Chicago, Ill.
Dopp, H. Wm. & Son, 522 Ellicott, Buffalo, N. Y.
Ehrlich, H. & Son, St. Joseph, Mo.
Farwell, Ozmun, Kirk & Co., St. Paul, Minn.
Fay, J. A. & Egan Co., Cincinnati, O.
Foster Bros. & Chatillon Co., Fulton, N. Y.
Giant Lock Co., 49 Wood, Cleveland, O.
Gloekler, Bernard, Pittsburg, Pa.
Henrichson Scale Co., 1421 Walnut, Cincinnati, O.
Huff Bros. Butchers' Supply Co., Decatur, Ill.
Koch Butchers' Supply Co., 1415 St. Louis av, Kansas City, Mo.
Lancaster Machine & Knife Works (Cleavers), Lancaster, N. Y.
Mack & Co., Rochester, N. Y.
Means Foundry & Machine Co., Steubenville, O.
Murray Iron Works Co., Burlington, Ia.
Plumb, Fayette R. (Inc.) (Cleavers, Choppers & Knives), Fkd., Philadelphia, Pa.
Probeck, P. J. & Co., 227 Sheriff, Cleveland, O.
St. Louis Butchers' Supply Co., 1537 N 15th, St. Louis, Mo.
Schmidt, C. & Co., John & Livingston, Cincinnati, O.
Scott Mfg. Co., Keokuk, Iowa
Smith, H. B. Machine Co., Smithville, N. J.
Smith's, John E. Sons Co. (Meat Choppers, Steam Kettles, Lard Mixers, etc.), Buffalo, N. Y.
Stevens, Benj. A., Toledo, O.
Wolf, Sayer & Heller, c Fulton & Peoria, Chicago, Ill.

Butt Drilling & Milling Machines

SHUSTER, F. B. CO., New Haven, Conn. (See adv. index, end of book)

Butter Dish Machinery

Merritt Mfg. Co., Lockport, N. Y.
Saranac Mfg. Co, (Stapling Mach'y). St. Joseph, Mich.

Butter Printing & Cutting Machines

Friday, S. B. & Co., Milwaukee, Wis.

Button Head Machines

Pawtucket Mfg. Co., Pawtucket, R. I.

Button Machinery

Bonney Vise & Tool Works (For Pearl Buttons), 3015 Chestnut, Phila., Pa.
Barry Mfg. Co., Muscatine, Ia.
Central Iron Works, Quincy, Ill.
McCurdy, Burton Machinery Co., Amsterdam, N. Y.
Schott Bros., 364 B'way, N. Y., & Providence, R. I.
Waldron, John Co. (Ivory Button Machinery), New Brunswick, N. J.

Button Sewing Machines

Russell, Jno. W., Springfield, Mass.

Cabbage Machinery (Canners')

SPRAGUE CANNING MACHINERY Co., 42 River, Chicago, Ill. (See adv. next page)

Cable Covering Machines

(See Wire & Cable Covering Machinery)

Calculating Machines

Calculagraph Co., 9 Maiden la, N. Y.
Morschhauser, W. A. ("Millionaire"), 1 Madison av, New York

Calendering Machines

Birmingham Iron Fdy. Co. (Friction), Derby, Conn.
Black & Clawson Co., Hamilton, O.
Butterworth, H. W. & Sons Co. (Embossing), Phila., Pa.
Downington Mfg. Co., Ltd., Downington, Pa.
Fairmount Machine Co. (Friction), Phila., Pa.
Black & Clawson Co., Hamilton, O.
Holyoke Machine Co. (Breaker, Friction, Web, etc.), Holyoke, Mass.
Norwood Engineering Co. (Breaker, Friction, Web, etc.), Florence, Mass.
Rice, Barton & Fales Mach. & Iron Co., Worcester, Mass.
Smith & Winchester Co., So. Windham, Conn.
Textile Finishing Machinery Co. (Pressure & Friction), Providence, R. I.
Waldron, John Co., New Brunswick, N. J.
Watson Machine Co. (Embossing, Presure & Friction, etc.), Paterson, N. J.

Calipering Machines

Rogers, Jno. M. Boat Gauge & Drill Works, Gloucester City, N. J.

Cam Cutting Machines

Iroquois Machine Co., Providence, R. I., & 150 Nassau, N. Y.

Can Beading Machines

NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)

Can Body Forming Machines

Ams, Max Machine Co., 372 G'wich, New York

Can Boxing Machines

SPRAGUE CANNING MACHINERY Co. ("Knapp" for Canners), 42 River, Chicago, Ill. (See adv. next page)

Can Cleaning and Washing Machines

Astoria Iron Works (Inc.) ("Jansen's" for Salmon Canncries, etc.), Astoria, Oreg.
Hibbard, Wm. H. (Can Cleaning), 79 Wash'n, Brooklyn, N. Y.
Link Belt Machinery Co. (Can Washing), W 39th & Stewart av, Chicago, Ill.

Can Filling Machines

Astoria Iron Works (Inc.) (For Salmon Canneries, etc.), Astoria, Oreg.
Ayars Machine Co. ("King" or "Stevens," for Tomatocs, Apples, Peas, etc.), Salem, N. J.
Huntley Mfg. Co. (For Beans, Berries, etc.), Silver Creek, N. Y.
SPRAGUE CANNING MACHINERY Corn, etc.),See C a(shrdlu taoin mmm Co. ("Moore & Bristol's," "Jersey Queen," "Stevens' King"), 42 River, Chicago, Ill. (See adv. next page)

Can Heading Machines

Ams, Max Machine Co. (Automatic Double Seamers), 372 G'wich, New York

Can Lacquering Machines

SPRAGUE CANNING MACHINERY CO. ("Burts"), 42 River, Chicago, Ill. (See adv. index, end of book)

Can Lining Machines

Ams, Max Machine So. (Adjustable, Round, Square, Covers, etc.), 372 G'wich, New York

Can Makers' Machinery

Adriance Machine Works (Soldering & Sanitary), 254 Van Brunt, Brooklyn, N. Y.
Ams, Max Machine Co. (Air ight Seam without Solder or Acid), 372 Greenwich, New York
Astoria Iron Works (Inc.) ("E. K. & M." Can Body Making & Soldering), Astoria, Oreg.
Ayars Machine Co., Salem, N. J.
Benedict. L. ("Leiger" Lockseam Body, Forming & Soldering Machines), 128 S Clinton, Chicago, Ill.
Bliss, E. W. Co., 19 Adams, Brooklyn, N. Y.
Crosby, G. A. & Co., 176 S Clinton, Chicago, Ill
Ferracute Machine Co., Bridgeton, N. J.
Leffler, Chas. & Co., 63 Clymer, Brooklyn, N. Y.
McDonald Machinc Co. (Automatic Lock Seamer, Can Tester, etc.), 40th & Wentworth av, Chicago, Ill.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Scandinavian Can & Machine Co., Southwest Harbor, Me.
Sleeper Machine Co., 8 Exchange pl, Boston
Stevenson & Co., 229 N Halliday, Baltimore, Md.
Swaine, F. J. Co., St. Louis, Mo.
West Mfg. Co., 374 7th, Buffalo, N. Y.
Wold, Torris & Co. ("Cameron" Lockseamer, Header, etc.), 66 N Jefferson, Chicago, Ill.

Can Scorching Machines

Ams, Max Machine Co. (Adjustable Power), 372 G'wich, New York

Can Slitting Machines

Ams, Max Machine Co., 372 G'wich, New York

Can Testing Machines

(See Testing Machines, Can.)

Canal Boat Machinery

Norman & Evans (Steam), Lockport, N. Y.

Canceling Machines

Cummins, B. F. Co. (Plain & Dating, etc.), 42 W Jackson boul, Chicago, Ill.

Candle Machinery

Brewer, Wm. W., Troy, N. Y.
Brown & Patterson, 33 Marcy av, Brooklyn, N. Y.
Dopp, H. W. & Son, Buffalo, N. Y.
Homan & Co. (Molds, etc.), 214 E 7th, Cincinnati, O.
Houchin & Huber, 39 53d, Brooklyn, N. Y.

Candy Vending Machines

Boesch Mfg. Co., Danbury, Conn.

Cane-Seat Chair Machinery

(See also Chair Machinery.)

Purdy Machine Co. (Also Wood Seat), Ghent, O.
Remington Machine Co., Wilmington, Del.
Scow Bay Iron & Brass Works, Astoria, Ore.
Sinclair-Scott Co., Baltimore, Md.
Sprague Canning Machinery Co., Hoopestown, Ill., & 42 River, Chicago, Ill.
Wilbor, A. Shea (Sardine), Eastport, Me.

Cane Sugar Machinery

(See Sugar Machinery. For page number consult Index of Contents.)

Canning Machinery

Ams, Max Machinc Co. (For making & Sealing Tin Cans), 372 G'wich, New York
Astoria Iron Works (Inc.), Astoria, Ore.
Ayars Machine Co., Salem, N. J.
Conant, R. O., Co., Portland, Me.
Cox Bros. & Co., Bridgeton, N. J.
Huntley Mfg. Co. ("Monitor"), Silver Creeek, N. Y.
Lang, E. M. Co. (Soldering Machines, Capping Irons, Solder, Presse, etc.), Portland, Me.
Letson & Burpee, Fair Haven, Wash.
McDonald Machine Co., 3949 Wentworth av, Chicago, Ill.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Safe Glass Co. (For Cold Products in Glass by Vacuum Process), Upland, Ind.
Remington Machine Co., Wilmington, Del.
Sinclair-Scott Co., cor Wells & Patapsco, Baltimore, Md.
SPRAGUE CANNING MACHINERY Co., 42 River, Chicago, Ill. (See adv. opp. page)

Capping Machines

Bliss, E. W. Co., 19 Adams, Brooklyn, N. Y.
Cox Bros. & Co., Bridgeton, N. J.
Dicke Tool Co., Downers Grove, Ill.
Lang, E. M. Co., Portland, Me.
SPRAGUE CANNING MACHINERY Co., 42 River, Chicago, Ill. (See adv. next page)

Capsule Machinery

Colton, Arthur, 184 Brush, Detroit, Mich.
Hall Capsule Co., Covington, Ky.
Mulford, H. K. Co., 412 S 13th, Phila., Pa.

Car-Boring Machines

American Woodworking Machine Co., 136 Liberty, N. Y.; Williamsport, Pa., & 45 S Canal, Chicago, Ill.
Fay, J. A. & Egan Co., cor Front & John, Cincinnati, O.
Greenlee Bros. & Co., 225 W 12th, Chicago, Ill.
Powers, L. & Co. (Est. of), 22 S 23d, Phila., Pa.

Car-Boring Machines (Heavy Vertical)

Bentel & Margedant Co. (3 & 6 Spindle), Hamilton, O.

Car Box Boring Machines

Detrick & Harvey Machine Co., 508 E Preston, Baltimore, Md.
Niles-Bement-Pond Co., 136 Liberty, N. Y. Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.

Car Box Grinding Machines

Diamond Machine Co., Providence, R. I.

Car Dumping Machines

(See Car Dumpers.)

Car Link & Pin Machines

National Machinery Co., Tiffin, O.

Car Wheel Boring Machines

Betts Machine Co., Wilmington, Del.
Bickford Drill & Tool Co., Front c Pike, Cincinnati, O.
Niles-Bement-Pond Co., 136 Liberty, N. Y. Works, Hamilton, Ohio; Phila., Pa., & Plainfield, N. J.
Pittsburg Machine Tool Co., Allegheny, Pa.
Prentice Bros.,Co, Worcester, Mass.
Putnam Machine Co., Fitchburg, Mass.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.

Car Wheel Cleaning Machines

WHITING FOUNDRY & EQUIPMENT Co., Harvey, Ill. (See adv. index, end of book)

Car Wheel Molding Machines

(See also Sand Molding Machines.)

Pridmore, Henry E., 918 S Rockwell, Chicago

Car Wheel Truing Machines

Simonds Mfg. Co., 25 St. & Liberty st., Pittsburg, Pa.

Car & Carriage Spring Machinery

Coulter & McKenzie Machine Co. (Car), Bridgeport, Conn.
Evans', Jno. Sons, 13th & Buttonwood, Phila., Pa.

Carbon Machinery

BARTLETT, C. O. & SNOW CO., Frcnch nr Columbus, Cleveland, O. (See adv. index, end of book)

Carbon Paper Machinery

Waldron, Jno. Co., New Brunswick, N. J.

Carbonating Machinery

Hecla Compressed Gas Co., Chelsea, Mass.
Liquid Carbonic Co., 67 N Wells, Chicago, Ill.

Cardboard Sawing Machines (Wood)

Grammes, L. F. & Sons (Combination Rip & Cross-Cut), Allentown, Pa.

Card Cutting Machines

(See also Card Cutting Machines, Textile.)

Dietz Machine Works (Rotary), 228 Cherry, Phila., Pa.
Grammes, L. F. & Sons, Allentown, Pa.
Jacques, Jno. & Son, Worcester, Mass.
Robinson, Jno. T. & Co., Hyde Park, Mass.

Carpet Cleaning Machinery

Cleveland Laundry Machinery Co., 124 Track, Cleveland, O.

Carpet Sewing Machines

Singer Mfg. Co., 149 B'way, N. Y.
Taft Machine Co., Providence, R. I.

Carriage Builders' Machinery

(See also Woodworking Machinery.)

American Wood Working Machine Co., 136 Liberty, N. Y.; 45 S Canal, Chicago, & Williamsport, Pa.
Bentel & Margedant Co., Hamilton, O.
Cordesman Machine Co., 25 Butler, Cincinnati, O.
Cordesman, Meyer & Co., 55 Central av, Cincinnati, O.
Defiance Machine Works, Defiance, O.
Fay, J. A. & Egan Co., cor Front & John, Cincinnati, O.
Greenlee Bros. & Co., 225 W 12th, Chicago, Ill.
Heartley, Geo. W., Toledo, O.
Klotz Machine Co., Sandusky, O.
Moore Carving Machine Co., 1919 Portland av, Minneapolis
Williams, White & Co., Moline, Ill.

Cartridge Machinery

Blake & Johnson, Waterbury, Conn.
Ferracute Machine Co., Bridgeton, N. J.
Manville, E. J. Machine Co., Waterbury, Conn.

Carving Machines

(See Wood Carving Machines)

Carving Machines (Corner Block)

American Wood Working Machine Co., 136 Liberty, N. Y.; Williamsport, Pa., & 45 S Canal, Chicago, Ill.
Fay, J. A. & Egan Co., cor Front & John, Cincinnati, O.
Smith, H. B. Machine Co., Smithville, N. J., & 121 Liberty, N. Y.

Casting Machines.

(See Sand Molding Machines.)

Catsup Finishing Machines

SPRAGUE CANNING MACHINERY Co., 42 River, Chicago, Ill. (See adv. below)

Cement Machinery.

Allis-Chalmers Co., New York Life bldg, Chicago, Ill.; 71 B'way, New York. Works, Chicago, Milwaukee, & Scranton, Pa.
Alsing, J. R. Co., 77 Guernsey, Brooklyn, N. Y.
American Clay Working Machinery Co., Bucyrus, O., & Willoughby, O. end of book)
Barnard & Leas Mfg. Co. (Cement Packers), Moline, Ill.
BARTLETT, C. O. & SNOW CO., French nr Columbus, Cleveland, O. (See adv. index, end of book)

Sprague Canning Machinery Company,

Manufacturers of

Canners' and Preservers' Machinery and Supplies,

42 River Street, CHICAGO, ILL.

Bethlehem Foundry & Machine Co., S. Bethlehem, Pa.
Bonnot Co., Canton, O.
BRADLEY PULVERIZER CO. (Griffin Mill), 92 State, Boston, Mass., & 120 Liberty, New York
Cresson, George V. Co., Allegheny av, W of 17th, Phila., Pa., & 141 Liberty, New York
Dodge Mfg. Co., Mishawaka, Ind.
Ehrsam, J. B. & Sons Machine Co., Enterprise, Kan.
Great Western Mfg. Co., Leavenworth, Kan.
Howes, S. Co. (Cement Packers), Silver Creek, N. Y.
Huntington Dry Pulverizer Co., 120 B'way, N. Y.
Kent Mill Co. (Pulverizers, etc.), 170 B'way, N. Y.
Martin, Wm. R., Lancaster, Pa.
Mosser, W. F. & Son (Rotary Crushers), Allentown, Pa.
Newell Mfg. Co. (Cement Mills), 149 B'way, N. Y.
Prosser, Thos. & Son, 15 Gold, N. Y.
Raymond Bros. Impact Pulverizer Co., 143 Laflin, Chicago, Ill.
Raymond, C. W. Co., Dayton, O.
Reeves Bros. Co. (For Wet or Dry Process), Alliance, O.
Schutz-O'Neill Co. (Crushers & Grinders), Minneapolis, Minn.
Smidth, F. L. & Co. (Inc.), 39 Cortlandt, New York
STROUD, E. H. & CO., 36 La Salle, Chicago, Ill.
STURTEVANT MILL CO., Clayton c Park, Dor., Boston, Mass.
Thornburgh, H. L. & Co., 245 S Jefferson Chicago
Thropp, John E. Sons Co., Trenton, N. J.
United Iron Works Co. (Cooling Towers, Sturry Tanks, Pug Mills, Slacking Machines, etc.), Springfield, Mo.
Vulcan Iron Works, Wilkesbarre, Pittston & Tamaqua, Pa
Vulcan Works, Chester, Pa.
Walker & Elliott (Grinders & Mixers), Wilmington, Del.
WEBSTER MFG. CO. (Elevating & Conveying Appliances), 1075 W 15th, Chicago, Ill. (See adv. index, end of book)
Wellman-Seaver-Morgan Co., Cleveland, O., & Akron, O.
West Pulverizing Machine Co., Jersey City, N. J.

Cement Moulding Machines

Coltrin Mfg. Co., Jackson, Mich.

Cement Slacking Machines

United Iron Works Co., Springfield, Mo.

Cement Testing Machines

(See Testing Machines, Cement.)

Centering Machines

Gould & Eberhardt, Newark, N. J.
Hurlbut-Rogers Machine Co., So. Sudbury, Mass.
Kempsmith Mfg. Co. (Shaft), Linus & Woodward, Milwaukee, Wis.
Nazel Machine Tool Works, 1042 Ridge av, Phila., Pa.
New Haven Mfg. Co., New Haven, Conn.
Niles-Bement-Pond Co., 136 Liberty, New York Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Phoenix Mfg. Co., Hartford, Conn.
Pratt & Whitney Co., Hartford, Conn.
Whiton, D. E. Machine Co., New London, Conn.

Centrifugal Machines (Laboratory)

Lonergan, J. E. & Co. ("Leffman's"), 211 Race, Phila., Pa.

Cereal Roasting Machines

(See Coffee, Peanut, etc., Roasting Machines.)

Chain Making Machinery

Bliss, E. W. Co. (Bicycle), 19 Adams, Brooklyn, N. Y.
Cross & Speirs Machine Co. (Jack Pump, etc.), Waterbury, Conn.
Garvin Machine Co. (Bicycle), 137 Varick, New York
Turner, Vaughn & Taylor Co., Cuyahoga Falls, O.
Waterbury Farrell Foundry & Machine Co., Waterbury, Conn.

Chain Mining Machines

Goodman Mfg. Co., Halsted & 48th pl, Chicago
Morgan Gardner Electric Co., 2632 Shields av, Chicago
SULLIVAN MACHINERY CO. (Electric), 7 Jackson boul, Chicago, Ill. (See adv. index, end of book)

Chain Testing Machines

(See Testing Machines, Chain.)

Chair Machinery

(See also Cane-Seat Chair Machinery.)

American Wood Working Machine Co., 136 Liberty, N. Y., 47 S Canal, Chicago, & Williamsport, Pa.
Cordesman Machine Co., 25 Butler, Cincinnati, O.
Fay, J. A. & Egan Co., Front & John, Cincinnati, O.
Gerlach, Peter & Co., 28 Columbus, Cleveland, Ohio
Godspeed Machine Co., Winchendon, Mass.
Jenkins Machine Co., Sheboygan, Wis.
Nash, J. M. (Special), 129 Ferry, Milwaukee, Wis.
Purdy Machine Co., Ghent, O.
Whitney, Baxter D. & Son, Winchendon, Mass.

Chamfering & Crozing Machines

Putnam, D. C. & Co., Lyons, N. Y.

Channeling Machines

(See Stone Channeling Machines.)

Charging Machines (Open Hearth)

Morgan Engineering Co. (for Billets Blooms, etc.), Alliance, O.
Wellman-Seaver-Morgan Co. ("Wellman" Open Hearth Charging Machines & Boxes), Cleveland, O., & Akron, O.

Cheese Box Machinery

Goo & Hopkins, Delavan, N. Y.
Merritt Mfg. Co., Lockport, N. Y.
Oakes & Burger, Cattaraugus, N. Y.

Chewing Gum Machines

Savage Bros. Co., 42 Michigan, Chicago, Ill.

Chicory Planting & Harvesting Machinery

Vine & Root Machinery Co., Port Huron, Mich.

Chocolate Dipping Machines

Annen Candy & Biscuit Co., Green Bay, Wis.
Champion Candy Machine Co., 3257 Old York rd, Phila., Pa.

Chocolate Machinery

American Chocolate Machinery Co., 49 W 66th, N. Y.
Carey, Saml. (Complete Plants), 17 State, New York, N. Y.
Holmes & Blanchard Co., 39 Washington N, Boston, Mass.
Houchin & Huber, 35 53d, Brooklyn, N. Y.
Frick bldg, Pittsburg, Pa.

Chucking Machines

American Tool Works Co., 6th & Eggleston av, Cincinnati, O.; 120 B'way, New York, & Frick bldg, Pittsburg, Pa.
Brown & Sharpe Mfg. Co. (Vertical & Horizontal), Providence, R. I.
Cleveland Automatic Machine Co., Cleveland, O.
Garvin Machine Co., c Varick & Spring, New York
Jones & Lamson Machine Co., Springfield, Vt.
Le Blond, R. K. Machine Tool Co., Cincinnati, O.
Lodge & Shipley Machine Tool Co., 3055 Colerain av, Cincinnati, O.
Niles-Bement-Pond Co., 136 Liberty, New York. Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Ober Mfg. Co. (Wood & Combination Boring & Chucking), Chagrin Falls, O.
Potter & Johnston Machine Co. (Automatic), Pawtucket, R. I.
Pratt & Whitney Co., Hartford, Conn.
Reed, Francis Co., Worcester, Mass.
Warner & Swasey, 57 E Prospect, Cleveland, O.
Windsor Machine Co., Windsor, Vt.

Cider & Wine Making Machinery

(See Wine Making Machinery.)

Cigar Box Machinery.

Bentel & Margedant Co., Hamilton, O.
Doig, Wm. S. (Box Nailing, etc.), 54 Franklin, Brooklyn, N. Y.
Grammes, L. F. & Sons, Allentown, Pa.
Shirk, P. E., Blue Ball, Pa.

Cigar Machinery

Ermold, E. (Branding Machines), 652 Hudson, N. Y.
Liberman, Isadore, 223 S 5th, Phila., Pa.
Miller, Dubrul & Peters Mfg. Co. (& Moulds, etc.), Cincinnati, O.
Nat'l Progress Bunching Mach. Co., 341 E 59th, N. Y.
N. Y. Pneumatic Cigar Rolling Co., 102 Chambers, N. Y.

Cigarette Box Machines

Dietz Machine Works, 228 Cherry, Phila., Pa.

Cigarette Machinery

Comas Machine Co., 85 Cedar, N. Y.
Miller, Dubrul & Peters Mfg. Co., Cincinnati, Ohio
Prudencia, Rabell Cigarette Machine Co., 105 Water, N. Y.
Salem Iron Works, Winston, Salem, N. C.
Winston Cigarette Machine Co., Winston-Salem, N. C.

Circular Folding Machines

Leffler, Charles & Co. (Used in Packing Baking Powder, Medicines, etc.), 63 Clymer, Brooklyn, N. Y.

Circular Sawing Machines (Wood)

American Steam Pump Co., Battle Creek, Mich.

Atlantic Works (Inc.), 28th & Gray's Ferry rd, Phila., Pa.
Bentel & Margedant Co. (Re-Saws), Hamilton, Ohio
Fay, J. A. & Egan Co., Cincinnati, O.
Spangler Mfg. Co., York, Pa.

Clapboard Machinery

Lane Mfg. Co., Montpelier, Vt.
Union Iron Works, Bangor, Me.
Woods, S. A. Machine Co., 445 Dorchester av, Boston, Mass.

Clay Grinding Machines

Fernholtz Brick Machine Co., Boyle & Old Manchester avs, St. Louis, Mo.
Rockwood Mfg. Co., Indianapolis, Ind.
Scott Mfg. Co., Keokuk, Ia.

Clay Tempering Machinery

Carnell, Geo. (Est. of), 1819 N 5th, Phila., Pa.
Murray, Jas. & Son, 102 E York, Baltimore, Md.

Clay Washing Machinery

Crossley Mfg. Co., Trenton, N. J.
Raymond, C. W. Co., Dayton, O.

Clay Working Machinery

(See Brick Machinery.)

Cleaning Machinery

(See Grain Cleaning & Grading Machinery.)

Clock Machinery

Blake & Johnson, Waterbury, Conn.
Cross & Spiers Machine Co. (Automatic), Waterbury, Conn.

Cloth Room Machinery

(See Textile Machinery; for page number consult Index of Contents.)

Clothes Drying Machinery

(See Laundry Dryers.)

Clothes Pin Machinery

Humphrey Machine Co., Keene, N. H.
Stauffer, Geo. E., E. Stroudsburg, Pa.

Coal Crushing Machinery

(See Crushers, Coal.)

Coal Cutting Machines

Belleville Pump & Skein Works, Belleville, Ill.
GENERAL ELECTRIC CO. (Electric), Schenectady, N. Y., & 44 Broad, New York. (See adv. index, end of book)
Goodman Mfg. Co. (Electric), Halsted & 48th pl, Chicago
INGERSOLL-SERGEANT DRILL CO., The, 26 Cortlandt, New York. Offices, Old Colony bldg, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 1st av, Seattle, Wash.; Corestine bldg, Montreal, Canada; Mexico City, Calle 2a de Dolores No. 20, Mexico, D. F.; London, Eng., 114a Queen Victoria st; Paris, France, 51 Rue de la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence st; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co.; Lima, Peru, W. R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv. index, end of book)
Morgan-Gardner Electric Co. (Electric), 2640 Shields, av, Chicago, Ill.
SULLIVAN MACHINERY CO. (Pick Machines, Compressed Air or Electricity), 7 Jackson boul, Chicago, Ill. (See adv. index, end of book)
Whitcomb, Geo. D. Co., 86 Ohio, Chicago

Coal Mining Machinery

(See also Mining Machinery.)

Aetna Foundry & Machine Co. (Hosting Outfits, etc.), Springfield, Ill.
Allis-Chalmers Co., New York Life bldg, Chicago, & 71 B'way, New York. Works, Chicago, Milwaukee & Scranton, Pa.
Bartlett, A. F. & Co., Saginaw, Mich.
Belleville Pump & Skein Works, Belleville, Ill.
Eagle Iron Works, Des Moines, Ia.
Ellison, Wm. & Sons Mfg. Co., St. Louis, Mo.
Exeter Machine Works, Pittston, Pa.
Finch Mfg. Co., Scranton, Pa.
Goodman Mfg. Co. (Electric), Halsted & 48th pl, Chicago, Ill.
INGERSOLL-SERGEANT DRILL CO., The, 26 Cortlandt, New York. Offices, Old Colony bldg, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 1st av, Seattle, Wash.; Corestine bldg, Montreal, Canada; Mexico City, Calle 2a de Dolores No. 20, Mexico, D. F.; London, Eng., 114a Queen Victoria st; Paris, France, 51 Rue de la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence st; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co.; Lima, Peru, W. R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv. index, end of book)
JEFFREY MFG. CO., Columbus, O., 41 Dey, New York, & Equitable bldg, Denver, Col. (See adv. index, end of book)
Knoxville Foundry & Machine Co., Knoxville, Tenn.
LESCHEN, A. & SONS ROPE CO., 920 N 1st, St. Louis, Mo.; 137 E Lake, Chicago, Ill.; 163 Wash'n, New York, & 1717-23 Arapahoe, Denver, Col. (See adv. index, end of book)
Morgan-Gardner Electric Co., 2640 Shields av, Chicago, Ill.
Mt. Carmel Iron Works, Mt. Carmel, Pa.
Prox & Brinkham Mfg. Co., Terra Haute, Ind.
Scaife Foundry & Machine Co., Pittsburg, Pa.
SULLIVAN MACHINERY CO., 7 Jackson boul, Chicago, Ill. (See adv. index, end of book)
Tamaqua Mfg. Co., Tamaqua, Pa.
Vulcan Iron Works, Wilkesbarre, Pittston & Tamaqua, Pa.
Wagner-Palmros Mfg. Co., Fairmont, W. Va.

Coal Mining Machinery, Electric

(See also Locomotives, Electric Mining.)

GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, N. Y. (See adv. index, end of book)
Goodman Mfg. Co., Halsted & 48th pl, Chicago
JEFFREY MFG. CO., Columbus, O., 41 Dey, N. Y., & Equitable bldg, Denver, Col. (See adv. index, end of book)
Morgan-Gardner Electric Co., 2640 Shields av, Chicago, Ill.
WESTINGHOUSE ELECTRIC & MFG. Co., Pittsburg, Pa. District Offices—New York, Atlanta, Dallas, Baltimore, Boston, Buffalo, Chicago, Cincinnati, Cleveland, Detroit, Los Angeles, Minneapolis, New Orleans, Philadelphia, Pittsburg, St. Louis, Salt Lake City, San Francisco, Syracuse, Seattle, Denver, Mountain Electric Co.; Canada, Canadian Westinghouse Co., Ltd., Hamilton, Ont.; Mexico, G. & O. Braniff & Co., City of Mexico. (See adv. index, end of book)

Coal Shearing Machines

SULLIVAN MACHINERY CO. (A Vertical Coal Pick Machine), 7 Jackson boul, Chicago, Ill. (See adv. index, end of book)

Coal Washing Machinery

Allis-Chalmers Co., New York Life bldg, Chicago, & 71 B'way, New York. Works, Chicago, Milwaukee & Scranton, Pa.
Comstock, Geo. S. (Also for Ore Washing), Mechanicsburg, Pa.
Heyl & Patterson, 51 Water, Pittsburg, Pa.
JEFFREY MFG. CO., Columbus, O.; 41 Dey, N. Y., & Equitable bldg, Denver, Col. (See adv. index, end of book)
Knoxville Foundry & Machine Co., Knoxville, Tenn.
Scaife Foundry & Machine Co., Pittsburg, Pa.
Stewart, E. A., 1828 6th av, Birmingham, Ala.
Stroh, W. H., Mauch Chunk, Pa.
Tamaqua Mfg. Co., Tamaqua, Pa.

Coal & Ore Handling Machinery

(See also Conveyors, Coal.)

Borden & Selleck Co., 48 Lake, Chicago.
BROWN HOISTING MACHINERY CO., (Coal Storage, Coal Unloaders, Car Dumpers, etc.), Cleveland, O. (See adv. index, end of book)
BROWNING ENGINEERING CO., (Coal Storage, Coal Unloaders, Car Dumpers, etc.) (See adv. index, end of book)
Buhl Malleable Co., Detroit, Mich.
Carse Bros. Co. (Tramming Plants, etc.), 64 Wabash av, Chicago, Ill.
Dodge Coal Storage Co., Nicetown, Phila., Pa.; Exeter Machine Works, Pittston, Pa.
HAISS, GEO., MFG. CO., 141st & Rider av, N. Y. (See adv. next page)
Hayward Co., 97 Cedar, New York.
HOISTING & CONVEYING MACHINery Co., N Elizabeth, Chicago, Ill. (See adv. next page)
Hunt, C. W. Co., 45 B'way, N. Y. Works, West New Brighton, S. I., N. Y.
JEFFREY MFG. CO., Columbus, O.; 41 Dey, N. Y., & Equitable bldg, Denver, Col. (See adv. index, end of book)
KOPPEL, ARTHUR, 68 Broad, N. Y. (See adv. index, end of book)
LAMBERT HOISTING ENGINE CO., Main Office & Works, 115-121 Poinier, Newark, N. J.; 85 Liberty, N. Y.; 117 Main, Cambridge, Boston, Mass.; 1715-1717 Market, Phila., Pa.; Lacock & Sandusky, Allegheny, Pa.; 248-250 Water, Toledo, O.; 715-717 N 2d, St. Louis, Mo.; 232 5th av, Chicago, Ill., & Stewart & Folsom, San Francisco, Cal. (See adv. front colored page)
LEAVITT, C. W. & CO., 15 Cortlandt, New York. (See adv. index, end of book)
LESCHEN, A. & SONS ROPE CO., 920 N 1st, St. Louis, Mo.; 137 E Lake, Chicago, Ill.; 163 Wash'n, New York, & 1717-23 Arapahoe, Denver, Colo. (See adv. index, end of book)
LIDGERWOOD MFG. CO., 96 Liberty, New York, & Old Colony bldg, Chicago, Ill. (See adv. front colored page)
Link Belt Engineering Co., Nicetown, Phila., Pa.; Park bldg, Pittsburg, Pa., & 49 Dey, N. Y.
McLanahan-Stone Machine Co., Hollidaysburg, Pa.
McMyler Mfg. Co., Cleveland, O.
Macdonald Engineering Co. (Engineers & Contractors), Monadnock bldg, Chicago
Mead-Morrison Mfg. Co., 11 B'way, New York; Boston, Mass., & Chicago, Ill.
N. J. FOUNDRY & MACHINE CO., 9 Murray, New York. (See adv. index, end of book)

RAWSON & MORRISON MFG. CO., Cambridgeport, Mass., & 11 B'way, N. Y. See adv. below)
Robins Conveying Belt Co., 15 Park Row, New York
STEEL CABLE ENGINEERING CO. (Also Ash Handling), 92 State, Boston, Mass.; 120 Liberty, New York, & 294 Dearborn, Chicago, Ill.
Stuebner, G. L., 162 3d, Long Island City, N. Y.
Union Iron Works, Hoboken, N. J.
WEBSTER MFG. CO., 1075 W 15th, Chicago, Ill., & 38 Dey, New York. (See adv. index, end of book)
Wellman-Seaver-Morgan Co. ("Hulett"), Cleveland, O., & Akron, O.
Williams, White & Co., Moline, Ill.

Coating Mill Machinery

Koegel, Chas. & Son, Holyoke, Mass.
Waldron, Jno. Co., New Brunswick, N. J.

Cockle Machines

Prinz & Rau Mfg. Co., Milwaukee, Wis.

Cocoa Machinery

Carey, Saml. (Complete Plants), 17 State, New York, N. Y.

Cocoanut Oil Machinery

Pusey & Jones Co., Wilmington, Del.

Coffee, Peanut & Cocoa Bean Roasting Machines

Bartholomew Co., Peoria, Ill.

Huntley Mfg. Co. ("Monitor" Gas Coffee Roasters, etc.), Silver Creek, N. Y.
Lange, Henry G., 22 N May, Chicago, Ill.
Malt Wheat Biscuit Co. ("Eureka"), Marshall, Mich.
Warner Mfg. Co., 52 White, New York

Coffee & Rice Cleaning Machinery

Farquhar, A. B. Co., York, Pa.
Howes, S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.
Invincible Grain Cleaner Co., Silver Creek, N. Y.
Johnson & Field Mfg. Co., Racine, Wis.
Nordyke & Mormon Co., Indianapolis, Ind.
Salem Iron Works, Winston-Salem, N. C.

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Blymer Iron Works Co., Spring Grove av. & Township, Cincinnati, O.
Mason, Marcus & Co., 329 Produce Ex., N. Y.
Salem Iron Works, Winston-Salem, N. C.

Coffee & Spice Mill Machinery

Burns, Jabez & Sons (Power Machines), 542 Greenwich, N. Y.
Fraser Mfg. Co., 26 Cortlandt, New York

Coin Counting Machines

Coin Counting Machine Co., 25 Broad, N. Y.
National Coin Counting Machine Co., 398 B'way, N. Y.

Coining Machines

Bliss, E. W. Co., 19 Adams, Brooklyn, N. Y.
Ferracute Machine Co., Bridgeton, N. J.
Iroquois Machine Co., Providence, R. I., & 150 Nassau, N. Y.

Coke Crushing Machinery

(See also Crushers, Coke.)

BORTON & TIERNEY CO., Stephen Girard bldg, Phila., Pa.
PENNSYLVANIA CRUSHER CO., Stephen Girard bldg, Phila., Pa.

Coke Oven Machinery

Wellman-Seaver-Morgan Co., Cleveland, O., & Akron, O.

Cold Roll Pointing Machines (Automatic)

SHUSTER, F. B. CO., New Haven, Conn. (See adv. index, end of book)

Cold Saw Machines

(See Metal Sawing Machines.)

Cold Saw Sharpening Machines

Higley Sawing & Drilling Machine Co., 8 Dey, N. Y.
Newton Machine Tool Works (Inc.), 2343 Vine, Phila., Pa.

Compressed Yeast Machinery

Erhart, Chris, 1237 W 6th, Cincinnati, O.

Computing Machines

Comptograph Co., 146 Blackhawk, Chicago, Ill.

Concentrating Machinery

(See Concentrators.)

Concrete Batch Mixing Machinery

Standard Sand & Machine Co. (For Building Block Mfrs., etc.), Cleveland, O.

Concrete Building Block Machinery

American Hydraulic Stone Co., Denver, Colo.
Brady Cement Stone Machine Co. (Ltd.), Jackson, Mich.
Bright, Col. E. & Co. ("Perrin's"), 283 N High, Columbus, O.
Burlington Concrete Machine Co., Burlington, Iowa
Cement Machinery Co. ("Normandin"), Jackson, Mich.
Cement Machinery & Mfg. Co. ("Chicago"), Burlington, Ia.
Cement Working Machinery Co., Detroit Mich.
Century Cement Machine Co. ("Hercules"), Rochester, N. Y.
Coltrin R. R. Mfg. Co., Jackson, Mich.
Concrete Machinery Co., Detroit, Mich.
Cotton Artificial Stone & Mfg. Co., Dayton, O.
Fisher, W. H., Mt. Gilead, O.
GOODWIN, H. E., 208 Blake, Indianapolis, Ind. (See adv. index, end of book)
Hayden Automatic Block Machine Co. ("Hayden"), Columbus, O.
Link-Hart Concrete Mfg. Co., Bloomington, Ill.
MACKAY, A. D. & CO. ("Winget"), Chamber of Commerce, Chicago, Ill. (See adv. index, end of book)
Michigan Cement Block Machinery Co., Union City, Mich.
Michigan Iron Works, Manistee, Mich.
Miles Concrete Building Block Machine Co., 145 W Pearl, Jackson, Mich.
Miracle Pressed Stone Co. (Hand Power), Minneapolis, Minn.
Montfort & Weaver (Gen'l Sales Agts.), 45 Clinton, Newark, N. J.
National Hollow Concrete Block & Fire-Proofing Co., 921 F, N W, Washington, D. C.
Palmer, Hamson S., The, 1450 Binney st, Washington, D. C.
Pettyjohn Bros., Terra Haute, Ind.
Rowell, G. D. & Son, Appleton, Wis.
Seamans, E. W., Grand Rapids, Mich.
Standard Sand & Machine Co. ("Simplicity" & "Sansom" Equipments for Complete Plants), 1509 St. Clair, Cleveland, O.
Stevens, C. W., Harvey, Ill.
STEVENS CAST STONE CO., Chicago, Ill. (See adv. index, end of book)
WINGET CONCRETE MACHINE CO., New Hayden bldg, Columbus, O. (See adv. below)

Concrete Paving Block Machines

Standard Sand & Machine Co. ("Samson"), Cleveland, O.

Conductor Pipe & Eave Trough Machinery

Heartley Machine Variety Iron & Tool Wks, Toledo, O.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. (See adv. index, end of book)
Poorman Mfg. Co., Piqua, O.
West Mfg. Co., 374 7th, Buffalo, N. Y.

Conduit Pipe Bending Machines

Benson, Wm. W. & Co., 1011 Chestnut, Phila., Pa.
Wrigley, Thos. & Co., 300 Dearborn, Chicago, Ill.

Conduit Threading Machines

Cope, J. T. & Co., 3244 N 15th, Phila., Pa.

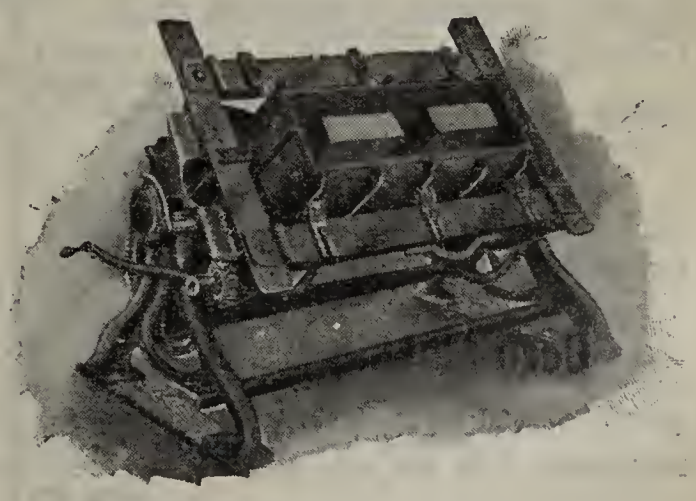
Confectioners' Machinery

Am. Chocolate Machinery Co., 49 W 66th, N. Y.
Anderson, J. P. & Co. (Mixing Machines, Cutters, Graters, Rools, etc.), 422 N 6th, Phila., Pa.
Annen Candy & Biscuit Co. (Chocolate Dipping Machines, etc.), Cincinnati, O.
Barbour-Stockwell Co., Cambridgeport, Mass.
Buhr, Plaff & Co. ("Heilman" Candy Rolling Machines, etc.), Cincinnati, O.
Champion Candy Machine Co. (Cutters, Mixers, Chocolate Dippers, etc.), 3257 Old York rd, Phila., Pa.
Clad, V. & Sons (Cutters, Mixers, Copper Jacket Kettles, Revolving Pans, etc.), 239 S 12th, Phila., Pa.
Confectioners & Bakers Supply Co. (Machinery Tools & Supplies of all Kinds), 218 E Washington, Chicago, Ill.
Confectioners' Mach'y & Mfg. Co., Springfield, Mass.
Crandall & Godley Co., 157 Franklin, N. Y.
Day, J. H. Co. (Bakers', etc.), 1144 Harrison av, Cincinnati, O., & 76 Park pl, N. Y.
Dopp, H. Wm. & Son, Buffalo, N. Y.
Duff, P. & Sons (Brandle & Smith Spinning Machines, etc.), Pittsburg, Pa.
Echert, P. Co., 27 W Court, Cincinnati, O.
Fowler & Rockwell (Bakers), 9 Elizabeth, N. Y.

THE WINGET CONCRETE MACHINE CO., 409 The New Hayden Bldg., COLUMBUS, O.

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For making hollow concrete building blocks is the only AUTOMATIC, ADJUSTABLE and PERFECT working machine yet produced. It is widely adjustable, making blocks for walls from four to eighteen inches thick, as well as many special designs. It is practically a combination of TWENTY machines in ONE. The saving of time, material and labor with this machine actually pays its price in a short time. If you are interested, write for catalogue and special information.



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Hicks & Schmidt (Bakers' Supplies), 589 G'wich, New York
Heilman, Jno. C., 1652 Dorman, Cincinnati, O.
Hilbert-Freiberg Machine Co., 20 W Court, Cincinnati, O.
Hildreth, H. L. (Candy Pulling Machines, etc.), Boston, Mass.
Hillyard & Co., 75 Fulton, N. Y.
Horton, Pembroke D. (Bakers), 15th & Fairmount, Phila., Pa.
Kane, Thos. & Co. (Candy Making), Racine, Wis.
Kingery Mfg. Co., 131 E Pearl, Cincinnati, O.
Lange, Henry G., 22 N May, Chicago, Ill.
Magg, August Co. (Freezers, Tools & Supplies, etc.), Baltimore, Md.
Mills, Thos. & Bro. (Mixers, Cutters, Freezers, etc.), 1301 N 8th, Phila, Pa.
New Century Mfg. Co., Dayton, O.
Racine Machinery Mfg. Co. (Chocolate Mixers, Cream Beaters, etc.), Racine, Wis.
Rittenhouse, Frank, Norristown, Pa.
Savage Bros. Co. (Mixers, Chewing Gum Machines, Revolving Pans, etc.), 42 Michigan, Chicago, Ill.
Smith, Sidney, 300 W 48th, New York
Standard Candy Machine Co. ("Igou" Candy Pullers & Kiss Wrappers, etc.), Columbus, Ohio
Watkins, Jas. Y. & Son, 16 Catharine, N. Y.

Conveying Machinery

(See Elevating & Conveying Machinery; also Conveyors of Various Kinds.)

Cooperage Machinery

(See Barrel Machinery.)

Coping Machines

Bertsch & Co., Cambridge City, Ind.
Ham, L. M. & Co. ("Ham's"), 152 Portland, Boston, Mass.
Long & Allstatter Co. (Beam Coping, etc.), Hamilton, O.

Copper Converting Machinery

Allis-Chalmers Co., New York Life bldg, Chicago, Ill., & 71 B'way, New York

Copper Working Machinery

Portage Lake Foundry & Machinery Co., Hancock, Mich.

Cord Wood Sawing & Splitting Machines

(See Wood Sawing & Splitting Machines.)

Cordage Machinery

Brown, James (Est. of), Pawtucket, R. I.
Haskell-Dawes Machine Co., 176 Federal, Boston, Mass. Works, Frankfort Jct., Phila., Pa.
Hoover & Gamble Co., Miamisburg, O.
Kelly, R. A. Co., Xenia, O.
Lockwood Mfg. Co., Inc. (also Binder Twine & Rope), 61 Sumner, E. B., Boston, Mass.
Watson Machine Co., 74 R. R. av, Paterson, N.J.

Core Box Cutting Machines

Huther Bros., 229 Mill, Rochester, N. Y.

Core Making Machines

Brown Specialty Machinery Co. (Hammer), Jackson boul & Clinton, Chicago
McCormack, J. S. Co., 25th & A. V. Ry., Pittsburg, Pa.
Obermayer, S. Co., 647 Evans, Cincinnati, O.; 18th & Rockwell, Chicago; Pittsburg, St. Louis, Detroit, Denver, Phila., Pa., & San Francisco
Tabor Mfg. Co., N 18th & Hamilton, Phila., Pa.

Cork Cutting Machinery

Barber, M. A., Norwich, Conn.
Diescher Coupler Co., 41st & A. V. Ry., Pittsburg, Pa.

Cork Sticking Machines

Girard Machine Works (Inc.), 2616 Girard av, Phila., Pa.

Corking Machines (Bench & Upright)

Dicke Tool Co., Downers Grove, Ill.

Corking Machines (Preservers)

VILTER MFG. CO., 1046 Clinton, Milwaukee, Wis. (See adv. index, end of book)

Corn Cutting Machines

SPRAGUE CANNING MACHINERY Co. (For Canners), 42 River, Chicago, Ill. (See adv. index, end of book)

Corn Mill Machinery

Howes, S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. (Monitor), Silver Creek, N. Y.
Invincible Grain Cleaner Co., Silver Creek, N. Y.
Sprout, Waldron & Co., Muncy, Pa.

Corn Mixing Machines

SPRAGUE CANNING MACHINERY Co. (For Canners), 42 River, Chicago, Ill. (See adv. index, end of book)

Corn Oil Machinery

ELMES, CHAS. F. ENGINEERING Works, c Fulton & N Sagamon, Chicago, Ill. (See adv. index, end of book)

Corn Silking Machines

SPRAGUE CANNING MACHINERY Co. (For Canners), 42 River, Chicago, Ill. (See adv. index, end of book)

Corn Splitting Machines

Eureka Fence Mfg. Co. (Poindexter), Richmond, Ind.
Poindexter Mfg. Co., Indianapolis, Ind.

Corner Cutting Machines

Hobbs Mfg. Co. (For Paper Box Makers), Worcester, Mass.

Corner Staying Machines

Hobbs Mfg. Co. (For Paper Box Makers), Worcester, Mass.

Cornice Makers' Machinery

(See also Sheet Metal Workers' Machines & Tools.)

Double Truss Cornice Brake Co., Buffalo, N. Y.
Keene, Geo. C. & Co., 2327 Florence, Cincinnati, O.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Ohl, Geo. A. & Co. (Automatic Power Brakes, etc.), Newark, N. J.
Peck, Stow & Wilcox Co., 27 Murray, New York; Southington, Conn., & Cleveland, O.
Poorman Mfg. Co., Piqua, O.
Robinson, J. M. Mfg. Co., 2d & Central av, Cincinnati, O.
West Mfg. Co., 374 7th, Buffalo, N. Y.

Corrugating Machines

Bliss, E. W. Co., 19 Adams, Brooklyn, N. Y.
Keene, Geo. C. & Co., 2327 Florence, Cincinnati, Ohio
Lewis Foundry & Machine Co., 1001 Bingham, Pittsburg, Pa.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 2 Murray, N. Y.
Poorman Mfg. Co., Piqua, O.
Robinson, J. M. Mfg. Co., 2d & Central av, Cincinnati, O.
United Engineering & Foundry Co., Farmers' Bank bldg Pittsburg, Pa.; Youngstown, O.
West Mfg. Co., 374 7th, Buffalo, N. Y.

Corset Machinery

Adams, A. L., cor Water & South av, Bridgeport, Conn.

Cotter Pin Machinery

Blake & Johnson, Waterbury, Conn.
SHUSTER, F. B. CO. (Automatic), New Haven, Conn. (See adv index, end of book)

Cotton Ginning Machinery

Adams, W. T. Machine Co., Corinth, Mass.
Atlas Foundry & Machine Co., Cross & Spring, Newark, N. J.
Atlas Mfg. Co., Newark, N. J.
Brown Cotton Gin Co., New London, Conn.
Carver Cotton Gin Co., East Bridgewater, Mass.
Cheesman Cotton Gin Co., 76 William, New York
Chickasaw Iron Works, Memphis, Tenn.
Continental Gin Co., Bridgewater, Mass., & Birmingham, Ala.
Gantt, J. T., Macon, Ga.
Hall Self-Feeding Cotton Gin Co., Ossining, N. Y.
Liddell Co. (Inc.), Charlotte, N. C.
Lummus, F. H. Sons Co., Columbus, Ga.
Means, J. L. Machinery Co., Shreveport, La.
Murray Co., Dallas, Tex.
Southern Engine & Boiler Works (Inc.), Jackson, Tenn.
Tompkins, D. A. Co., Charlotte, N. C.
Valk & Murdock Iron Works, Charleston, S. C.
Van Winkle, E. Gin & Machine Works, Atlanta, Ga.
White, E. R. & Bro., Norfolk, Va.

Cotton Machinery

(See Textile Machinery, etc. For page number consult Index of Contents.)

Cottonseed Oil Machinery

American Engineering Co., Springfield, O.
Boomer & Boschert Press Co., Syracuse, N. Y.
Brown Cotton Gin Co., New London, Conn.
Buckeye Iron & Brass Works (also Linseed), Dayton, O.
Callahan, W. P. & Co., Dayton, O.
Carver Cotton Gin Co., East Bridgewater, Mass.
Cardwell Machine Co., Richmond, Va.

Columbus Machinery Co., Columbus, Miss.
Continental Gin Co. (Linter Feders, Condensers, Presses, etc.), Birmingham, Ala., & Bridgewater, Mass.
ELMES, CHAS. F. ENGINEERING Works, c Fulton & N Sagamon, Chicago, Ill. (See adv. index, end of book)
Foos Mfg. Co., Springfield, O.
Fritz, Geo. J., Foundry & Machine Co., 2008 S 3d, St. Louis, Mo.
Platt Iron Works Co., Dayton, O., & 93 Liberty, New York
Sprout, Waldron & Co., Muncy, Pa.
Tompkins, D. A. Co., Charlotte, N. C.
Van Winkle, E. Gin & Machine Works, Atlanta, Ga.

Counting Machines

Durant, W. N., 234 22d, Milwaukee, Wis.
Grant Mfg. & Machine Co., Bridgeport, Conn.
National Computing Scale Co. (Counting & Weighing), Cleveland, O. Works, Beaver Falls, Pa.
Pratt & Whitney Co., Hartford, Conn.
Root, C. J., Bristol, Conn.

Cracker & Biscuit Machinery

Roth-McMahon Co., South Evanston, Evanston, Ill.

Crank Boring Machines

Niles-Bement-Pond Co., 136 Liberty, New York. Works: Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
PEDRICK & AYER CO., 85, 87, 89 Liberty, New York, N. Y. Works, Plainfield, N. J.

Crank Pin Turning Machines

Clyde Machine Works (The Clover), 3913 Union av, Chicago, Ill.
PEDRICK & AYER CO., 85, 87, 89 Liberty, New York, N. Y. Works, Plainfield, N. J.
Stow Flexible Shaft Co., 26th & Callowhill, Phila., Pa.
Tindel-Morris Co. (Crank Pin Lathes), Eddystone, Pa.
Underwood, H. B. & Co., 1023 Hamilton, Phila., Pa.

Crate Machinery

Merritt Mfg. Co., Lockport, N. Y.

Crayon Moulding Machinery

Houchin & Huber, 35 53d, Brooklyn, N. Y.

Creamery Machinery

(See also Separators, Cream.)

Barclay, D. F. (and Supplies), Elgin, Ill.
Chapman, C. L., Erie, Pa.
Cornish, Curtis & Greene Mfg. Co., Fort Atkinson, Wis.
Creamery Package Mfg. Co., Kansas City, Mo.; 149 Superior, Chicago, & Waterloo, Ia.
Daisy Specialty Co. (Combined Churn & Butter Worker, Babcock Milk Tester, Milking Machines, etc.), Westchester, Pa.
Haney-Campbell Co., Dubuque, Iowa
Hendy, Joshua, Machine Works, 38 Fremont, San Francisco, Cal.
Jones, Frank L., Utica, N. Y.
Moseley & Prichard Mfg. Co., Clinton, Ia.
Moseley & Stoddard Mfg. Co., Rutland, Vt.
National Dairy Machine Co., 120 William,
Oakes & Burger, Cattaraugus, N. Y.
Read, A. H., 33d & Market, Phila., Pa.
Sharpless Co., 32 S Canal, Chicago, Ill.
Sharpless, P. M. (Cream Separators, etc.), West Chester, Pa.
Vermont Farm Machine Co., Bellows Falls, Vt.

Creasing Machines

Stimpson, Edwin B. & Son (For Leather, etc.), 14 Spruce, N. Y.

Crimping & Beading Machines

(See also Sheet Metal Workers' Machines & Tools.)

Ams, Max Machine Co. (Crimping Machines for Can Makers), 372 G'wich, New York
Bethlehem Machine & Foundry Co., S Bethlehem, Pa.
Bliss, E. W. Co., 19 Adams, Brooklyn, N. Y.
Crosby, G. A. & Co., Chicago, Ill.
Hibbard, Wm. H., 79 Wash'n, Brooklyn, N. Y.
Keene, Geo. C. & Co., 2327 Florence, Cincinnati, O.
Leffler, Chas. & Co. (For Can Makers, etc.), 63 Clymer, Brooklyn, N. Y.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. (See adv. index, end of book)
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 27 Murray, New York
Poorman Mfg. Co., Piqua, O.
Robinson, J. M. Mfg. Co., 2d & Central av, Cincinnati, O.
Swaine, Fred J. Co., St. Louis, Mo.
West Mfg. Co., 374 7th, Buffalo, N. Y.

Cross-Cut Sawing Machines

Ewart, Saml. F. (Automatic), Pittsburg, Pa.

Cross Head Pin Turning Machines

Fisher Governor Co., Marshalltown, Ia.

Curtain Pole Machines

Bentel & Margedant Co., Hamilton, O.
Heath, W. A. Machine Co., Lestershire, N. Y.
Merritt Mfg. Co., Lockport, N. Y.
Smith, H. B. Machine Co., Smithville, N. J., & 121 Liberty, New York

Curtain Pole Sanding & Finishing Machines

Bentel & Margedant Co., Hamilton, O.
Pringle & Brodie Machinery Co., 277 S Canal, Chicago

Cutlery Machinery

Brown Machine Co. (Built to Order), Winsted, Conn.
Oakes & Burger (Cheese Knives, etc.), Cattaraugus, N. Y.

Cutlery Polishing Machines

Dilg Mfg. & Trading Co., 663 E 163d, New York

Cutting-Off Machines (Cold Metal)

(See Metal Cutting-off Machines.)

Cutting-Off Machines (Wood)

(See Wood Cutting-off Machines.)

Cylinder Boring Machines

Baker Bros., Toledo, O.
Beaman & Smith Co., Providence, R. I.
Bickford Drill & Tool Co., Front c Pike, Cincinnati, O.
Binsse Machine Co., Newark, N. J.
ELMES, CHAS. F. ENGINEERING Works, c Fulton & N Sangamon, Chicago, Ill. (See adv. index, end of book)
Fisher Machine Works (Portable for Re-Boring), Leavenworth, Kan.
Jones, W. A. Foundry & Machine Co., 143 W North av, Chicago
Keystone Machine Tool Works, 1037 Ridge av, Phila., Pa.
Mathews, Hugh (Portable Re-Boring Bars), Kansas City, Mo.
Meadville Vise Co., Meadville, Pa.
Newton Machine Tool Works, 2347 Vine, Phila., Pa.
Niles-Bement-Pond Co., 136 Liberty, N. Y. Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
PEDRICK & AYER CO., 85, 87, 89 Liberty, New York, N. Y. Works, Plainfield, N. J.
Prentice Bros. Co., Worcester, Mass.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.
Stow Flexible Shaft Co. (Portable), Phila., Pa.
Underwood, H. B. & Co. (Portable), 1025 Hamilton, Phila., Pa.
Western Mfg. Co., Springfield, O.

Dado Machines

Austin & Eddy, 117 Broad, Boston, Mass.
Bentel & Margedant Co., Hamilton, O.
Heald Machine Co., Worcester, Mass.
Power, L. & Co. (Combination Saw & Dado Machines), 20 S 23d, Phila., Pa.
Yerkes & Finan Woodworking Machine Co. (Combination Saw & Dado Machines), St. Louis, Mo.

Dating Machines

Girard Machine Works (Inc.), 2616 Girard av, Phila., Pa.

Die Chamfering Machines

Hartford Machine Screw Co., Hartford, Conn.

Die Plate Hammering Machines

Bates Machine Co., Joliet, Ill.

Die Sinking Machines

Cook, Asa S. Co., Hartford, Conn.
Crane, W. W. Foundry & Machine Works, Auburn, N. Y.
Newton Machine Tool Works (Inc.), 2343 Vine, Phila., Pa.
Perkins, Henry Co. (Die Making), Bridgewater, Mass.
Pratt & Whitney Co., Hartford, Conn.
Royle, Jno. & Sons (Inc.), Paterson, N. J.
Waterbury Farrell Foundry & Machine Co., Waterbury, Conn.

Die Sinking & Milling Machines Combined

Newton Machine Tool Works (Inc.), 2343 Vine, Phila., Pa.

Disc Grinding Machines

(See Grinders, Disc.)

Disc Sanding Machines

Bentel & Margedant Co. (Single & Double), Hamilton, O.

Dish Washing Machines

Inisinger Co., Stenton av & Lauray, Phila., Pa.

Disinfecting Machinery

Kny-Scheerer Mfg. Co., 225 4th av, N. Y.
Kensington Engine Works (Ltd.), (The Kinyoun-Francis), 246 N Broad, Phila., Pa.
McLauthlin, Geo. T. Co., 120 Fulton, Boston, Mass.

Distillers' Machinery

Fritsch, Francis Mfg. Co., 223 W McMicken, Cincinnati, O.
Kaestner & Co. (Inc.), 241 S Jefferson, Chicago, Ill.
Straub Machinery Co., Cincinnati, O.

Ditching Machines

(See also Road Machines & Graders; also Road Scrapers, Drag & Wheel.)

American Road Machine Co., Kennett Square, Pa.
Austin, F. C. Mfg. Co., Harvey, Ill.
Beatty, M. & Sons, Welland, Ontario, Canada
Edwards, C. D. (Ditch Machinery), Albert Lea, Minn.
Enterprise Mfg. Co., Columbiana, O.
Good Roads Machinery Co., Kennett Square, Pa.
Hayward Co., 97 Cedar, N. Y.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Kilgore Machine Co., Minneapolis, Minn.
Marion Steam Shovel Co., Marion, O.
Norman & Evans, Lockport, N. Y.
Osgood Dredge Co., Albany, N. Y.
SHAW, WILLIS, 171 Lasalle, Chicago. (See adv. index, end of book)
Sidney Steel Scraper Co., Sidney, O.
Smith & Sons Mfg. Co., Lydia & Guinotte avs, Kansas City, Mo.
Stacey, William, Iowa Falls, Ia.
Vulcan Iron Works, Toledo, O.
Western Wheeled Scraper Co., Aurora, Ill.

Ditching Machines (Railroad)

Austin, F. C. Mfg. Co., Harvey, Ill.
Bucyrus Co., South Milwaukee, Wis.
JEFFREY MFG. CO., Columbus, O.; 41 Dey, New York, & Equitable bldg, Denver, Colo. (See adv. index, end of book)
LESCHEN, A. & SONS ROPE CO., 920 N 1st st, St. Louis, Mo.; 163 Wash'n, New York; 137 E Lake, Chicago, Ill., & 1717-23 Arapahoe Denver, Colo. (See adv. index, end of book)
Marion Steam Shovel Co., Marion, O.
Western Wheeled Scraper Co., Aurora, Ill.

Double Seaming Machines

(See also Sheet Metal Workers' Machines & Tools.)

Atwood-Morrison Co., 445 Broome, New York
Bliss, E. W. Co., 19 Adams, Brooklyn, N. Y.
Crosby, G. A. & Co., 176 S Clinton, Chicago
Dwight Slate Machine Co., Hartford, Conn.
Gohlke, Theo., 12th & Locust, St. Louis, Mo.
Hibbard, Wm. H., 79 Wash'n, Brooklyn, N. Y.
Keene, Geo. C. & Co., 2327 Florence, Cincinnati, O.
Leffler, Chas. & Co. (For Can Makers, etc.), 63 Clymer, Brooklyn, N. Y.
NIAGARA MACHINE & TOOL Works ("Hulbert's"), Buffalo, N. Y. (See adv. index, end of book)
Peck, Stow & Wilcox Co., Southington, Conn., & 27 Murray, New York
Robinson, J. M. & Co., 225 W 2d, Cincinnati, O.
Swaine, Fred. J. Co., St. Louis, Mo.
Toledo Machine & Tool Co., Toledo, O.
West Mfg. Co., 374 7th, Buffalo, N. Y.

Dough Mixing Machinery

Oelman & Co., Detroit, Mich.

Dovetailing Machines

American Steam Pump Co., Battle Creek, Mich.
Bentel & Margedant Co., Hamilton, O.
Dovetail Box Machine Co. (For Dovetail Boxes, etc.), St. Paul, Minn.
Fay, J. A. & Egan Co., Cincinnati, O.
Goodspeed Machine Co. ("Stimpson's"), Winchendon, Mass.
Yerkes & Finan Woodworking Machine Co. (Gang, etc.), St. Louis, Mo.

Dowel Machines

Bentel & Margedant Co., Hamilton, O.
Frank Machinery Co., 50 Mechanic, Buffalo, N. Y.
Pringle & Brodie Machinery Co. (Sanding or Buffing), 277 S Canal, Chicago, Ill.

Down Machinery

Houchin & Huber, 35 53d, Brooklyn, N. Y.

Drafting Machines

UNIVERSAL DRAFTING MACHINE Co., Blackstone bldg, Cleveland, O. (See adv. index, end of book)

Drain Tile Machinery

Adrian Brick & Tile Machine Co., Adrian, Mich.
American Clay Working Machinery Co., Bucyrus, O., & Willoughby, O.
Anderson Foundry & Machine Works, Anderson, Ind.
Bonnot Co., Canton, O.
Brewer, H. & Co., Tecumseh, Mich.
Fate, J. D. Co., Plymouth, O.
Freese, E. M. & Co., Galion, O.
Hensley, Jas. W., Indianapolis, Ind.
Kells Foundry & Machine Co., Adrian, Mich.
Leader Mfg. Co., Decatur, Ill.
Madden & Co. (Augur Tile Machines), Rushville, Ind.
Martin, Henry Brick Machine Mfg. Co., Lancaster, Pa.
Michigan Brick & Tile Machine Co., Morenci, Mich.
Raymond, C. W. Co., Dayton, O.
Wallace Mfg. Co., Frankfort, Ind.

Draw Bridge Machinery

(See Bridge Operating Machinery.)

Drawer Fitting Machines

Bentel & Margedant Co.(For Fitting & Sizing Drawers), Hamilton, O.

Dredging Machinery

(See also Excavators, Steam. Also Excavating Machinery.)

Atlantic Gulf & Pacific Co., 220 Market, San Francisco, Cal., & Park Row bldg, N. Y.
Bartlett, A. F. & Co., Saginaw, Mich.
Beatty, M. & Sons, Welland, Ontario, Canada
Bucyrus Co., South Milwaukee, Wis.
Cresson, Geo. V. Co., Allegheny av W of 17th. Phila., Pa., & 141 Liberty, N. Y.
Ellicott Machine Co., Baltimore, Md.
Featherstone Foundry & Machine Co., 348 Halsted, Chicago, Ill.
Flory, S. Mfg. Co., Bangor, Pa.
Fritsch, Arthur Foundry & Machine Co. (Self Propelling Hydraulic, 216 Gratiot, St. Louis, Mo.
Globe Iron Works (Inc.), Stockton, Cal.
Golden State & Miners' Iron Works, San Francisco, Cal.
Great Lakes Engineering Works, Rivard & Detroit River, Detroit, Mich.
Hammond Mfg. Co. (Inc.), Portland, Ore.
Hardie-Tynes Mfg. Co., Birmingham, Ala.
Hayes Machine Co., 108 West, Brooklyn, N. Y.
Hayward Co., 97 Cedar, New York
Industrial Works, Bay City, Mich.
Jackson & Church Co., Saginaw, Mich.
Krogh Mfg. Co., San Francisco, Cal.
Lake City Engineering Co. (Dredging Pumps), Erie, Pa.
LESCHEN, A. & SONS ROPE CO., 920 N 1st, St. Louis, Mo.; 163 Wash'n. New York; 137 E Lake, Chicago, Ill., & 1717-23 Arapahoe, Denver, Colo. (See adv. index, end of book)
Marion Steam Shovel Co., Marion, O.
Norman & Evans, Lockport, N. Y.
Ohio Steam Shovel Co., Toledo, O.
Osgood Dredge Co., 37 State, Albany, N. Y.
Petersburg Iron Works Co., Petersburg, Va.
Portland Co., Portland, Me.
Riley & Cowley, Richards, c Bowne, Brooklyn, N. Y.
Risdon Iron & Locomotive Works, Stewart & Folsom, San Francisco, Cal.
Smith, Theo. & Sons Co., foot of Essex, Jersey City, N. J.
Toledo Foundry & Machine Co., 202 Cherry, Toledo, O.
Urie Boiler & Machine Co., 607 W 5th, Kansas City, Mo.
Vulcan Iron Works, 63 Milwaukee av, Chicago
Vulcan Iron Works Co. (Bucket & Dipper Dredges), Toledo, O.
Wickes Brothers, Saginaw, Mich.
Williamette Boiler Works, 123 N 3d, Portland, Ore.

Dredging Machinery (Hydraulic)

Atlantic Gulf & Pacific Co., 15 Park row, N. Y., & 42 Market, San Francisco, Cal.
Bucyrus Co., So. Milwaukee, Wis.
Edwards, Jos. & Co., 414 Water, N. Y.
Ellicott Machine Co., Bush & Severn, Baltimore, Md.
Fritsch, Arthur Foundry & Machine Co. (Self-propelling), 216 Graitot, St. Louis, Mo.
Petersburg Iron Works Co. (Dipper & Clam Shell), Petersburg, Va.
Risdon Iron & Locomotive Works, Stewart c Folsom, San Francisco, Cal.
Springfield Boiler & Mfg. Co., Springfield, Ill.

Drilling Machines

(See Drills of Various Kinds; also Machine Tools.)

Drilling Machines (Bit Brace)

McCrea, Jas. & Co. ("Century"), 67 W Washn, Chicago, Ill.

Drilling Machines (Cotter & Key-Seat)

Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila. Pa.

Drilling Machines, Horizontal

Boynton & Plummer (Upright & Horizontal, Hand Power Self Feeding), Worcester, Mass.
Niles-Bement-Pond Co., 136 Liberty, New York, Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.

Drilling Machines, Multiple

Langelier Mfg. Co. (Wood & Metal), Providence, R. I.
Williams, White & Co., Moline, Ill.

Drilling Machines (Multiple Spindle)

SHUSTER, F. B. CO., New Haven, Conn. (See adv. index, end of book)

Drilling Machines, Pipe Pressure

Mueller, H. Mfg. Co. (the Eley), Decatur, Ill.

Drilling Machines (Rivet)

SHUSTER, F. B. CO., New Haven, Conn. (See adv. index, end of book)

Drilling & Countersinking Machines

Baush Machine Tool Co., Springfield, Mass.
Detrick & Harvey Machine Co. (Radial), Baltimore, Md.
Fittsburg Machine Works, Fittsburg, Mass.
Reade Machine Co. (Radial), Cleveland, O.
SHUSTER, F. B. CO., New Haven, Conn. (See adv. index, end of book)
Slocumb, J. T. Co., 29 Oxford, Providence, R. I.

Drilling & Tapping Machines

American Tool Works Co., 6th & Eggleston av, Cincinnati, O.; 120 B'way, New York, & Frick bldg, Pittsburg, Pa.
Aurora Tool Works, Aurora, Ind.
Baker-Resek Co. ("Combination"), 261 Quincy, Cleveland, O.
Baker Bros., Toledo, O.
Bickford Drill & Tool Co., c Front & Pike, Cincinnati, O.
CHICAGO TOOL & SUPPLY CO., 356 Dearborn, Chicago, Ill. (See adv. index, end of book)
Garvin Machine Co., 137 Varick, New York
Gould & Eberhardt (Drilling & Tapping Combined), Newark, N. J.
Keystone Machine Tool Works, Ridge av & Hamilton, Phila., Pa.
Niles-Bement-Pond Co., 136 Liberty, New York Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Pratt & Whitney Co., Hartford, Conn.
Stow Mfg. Co., Binghamton, N. Y.

Drilling & Tapping Machines Combined

Bausch Machine Tool Co., Springfield, Mass.
CHICAGO TOOL & SUPPLY CO., 356 Dearborn, Chicago, Ill. (See adv. index, end of book)
Gould & Eberhardt, Newark, N. J.
Pratt & Whitney Co., Hartford, Conn.

Drying Machinery

(See Dryers, various kinds)

Drying Machines (Chemical)

Remmers, B. & Sons, Bourse bldg, Phila., Pa.

Dye Wood Chipping Machines

Hayes Machine Co., 108 West, Brooklyn, N. Y.

Eave Trough & Conductor Pipe Machinery

(See Conductor Pipe & Eave Trough Machinery.)

When writing to firms whose names appear in this book please mention Hendricks' Directory.

Edging Saw Machines

(See also Woodworking Machinery.)
American Wood Working Machine Co., 136 Liberty, New York; Williamsport, Pa., & 45 S Canal, Chicago, Ill.
Bentel & Margedant Co., Hamilton, O.
Fay, J. A. & Egan Co., c Front & John, Cincinnati, O.
FILER & STOWELL CO., Becher & & Zeimer, Milwaukee, Wis. (See adv. index, end of book)
Garvin Machine Co., 137 Varick, New York
Hobbs Mfg. Co., Worcester, Mass.
Holmes, E. & B. Machinery Co., Buffalo, N. Y.
Lane Mfg. Co., Montpelier, Vt.
Mecklenburg Iron Works, Charlotte, N. C.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Seneca Falls Mfg. Co., Seneca Falls, N. Y.
Sinker-Davis Co., Indianapolis, Ind.
Union Iron Works, Bangor, Me.
Wickes Bros., Saginaw, Mich.

Elbow Seam Closing Machines

NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)

Electric Power & Lighting Machinery

(For page number consult Index of Contents.)

Electric Welding Machines

(See Welding Apparatus, Electric.)

Electrical Porcelain Machinery

Crossley Mfg. Co. (Also Dies, etc.), Trenton, N.J.

Electro Brazing Machines

Burton Electric Smelting Co., 185 Summer, Boston, Mass.

Electro Plating Machines

Bishop, Walter S., Atwater blk, New Haven, Conn.
Eddy Mfg. Corporation, Windsor, Conn.
PHOENIX ELECTRIC MFG. CO., Mansfield, O. (See adv. index, end of book)

Electrotype Machinery

Herrick & Cowell, New Haven, Conn.

Electrotype Trimming Machines

Royle, Jno. & Sons (Inc.), Paterson, N. J.

Elevating & Conveying Machinery

See also Conveyors, Various Kinds.
Also Cranes, Various Kinds.
Also Derricks, Various Kinds.
Also Hoists, Various Kinds.
Also Tramways & Trolleys, Overhead.
Also Wire Rope Tramways.

Allis-Chalmers Co., New York Life bldg, Chicago, & 71 B'way, New York. Works, Chicago, Milwaukee & Scranton, Pa.
Austin Mfg. Co., Manhattan bldg, Chicago, Ill. Works, Harvey, Ill.
BARTH MFG. CO., 15th & St. Paul av, Milwaukee, Wis. (See adv. index, end of book)
BARTLETT, C. O. & SNOW CO., French st, Cleveland, O. (See adv. index, end of book)
Ballinger Bros. (Contracting Engineers), 133 1st av, Pittsburg, Pa.
Borden & Selleck Co., 48 Lake, Chicago, Ill.
BROWN HOISTING MACHINERY CO., 1345 St. Clair, Cleveland, O., & 25 Cortlandt, New York. (See adv. index, end of book)
BROWNING ENGINEERING CO., Cleveland, O. (See adv. index, end of book)
Caldwell, H. W. & Son Co., 17th & Western av, Chicago, Ill.
Carlin Machinery & Supply Co., 103 Lacock, Allegheny, Pa.
CARSON TRENCH MACHINE CO., 16 Dorrance, Charlestown, Boston, Mass., & 22 S Water, Cleveland, O. (See adv. index, end of book)
Cleveland Elevator Bucket Co., 225 St Clair, Cleveland, O.
DuBois Iron Works, DuBois, Pa.
Exeter Machine Works, Pittston, Pa.
Flory, S. Mfg. Co., Bangor, Pa.
Good Roads Machinery Co., Kennett Square, Pa.
Grotenrath, Fred, 111 W Water, Milwaukee, Wis.
Heyl & Patterson (For Mines & Steel Plants), 51 Water, Pittsburg, Pa.
HOISTING MACHINERY CO. (of New York), 15 Park Row, New York
HOISTING & CONVEYING MACHINEry Co., 45 N Elizabeth, Chicago, Ill. (See adv. index, end of book)
Hunt, C. W. & Co., 45 B'way, N. Y. Works, W. New Brighton, S. I., N. Y.
Interstate Engineering Co., Cleveland, O. Works, Bedford, O.
JEFFREY MFG. CO., Columbus, O.; 41 Dey, New York, & Equitable bldg, Denver, Colo. (See adv. index, end of book)
Kaltenbach & Griess, Cleveland, O.
Kay-Pim Mfg. Co., B'way & 2nd, St. Louis,
LESCHEN, A. & SONS ROPE CO., 920 N 1st, St. Louis, Mo.; Denver, Colo.; 137 E Lake, Chicago, & 163 Wash'n, New York. (See adv. index, end of book)
LIDGERWOOD MFG. CO., 96 Liberty, N. Y., & Old Colony bldg, Chicago. (See adv. front colored page)
Link Belt Engineering Co., Nicetown, Phila., Pa.; Park bldg, Pittsburg, Pa., & 49 Dey, N. Y.
Link Belt Machinery Co., 39th & Stewart av, Chicago, Ill.
McLanahan-Stone Machine Co., Hollidaysburg, Pa.
Martin, Henry Brick Machine Mfg. Co., Lancaster, Pa.
MEY CHAIN BELTING ENGINEERING WORKS, 14 Perry, Buffalo, N. Y. (See adv. index, end of book)
MINNEAPOLIS STEEL & MACHINery Co., Minneapolis, Minn. (See adv. in-
MOLINE MALLEABLE IRON CO., St. Charles, Ill., 1357 Ridge av, Phila., Pa., & 37 Warren, New York. (See adv. index, end of book)
MOORE & LORENZ CO., 115 S Clinton, Chicago, Ill.
Nelsonville Foundry & Machine Co., Nelsonville, O.
NEW JERSEY FOUNDRY & MACHINE CO., 9 Murray, New York. (See adv. index, end of book)
RAWSON & MORRISON MFG. CO., Cambridgeport, Mass., & 11 B'way, New York. (See adv. index, end of book)
Robins Conveying Belt Co. (Belt Conveying), 15 Park Row, New York
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
Scaife Foundry & Machine Co., Pittsburg, Pa.
SCAIFE, WM. B. & SONS CO., 211 1st av, Pittsburg, Pa. (See adv. index, end of book)
Scholl, Julian & Co., 126 Liberty, New York
Smith, Augustus (for Coal Handling, etc.), 39 Cortlandt, N. Y.
Standard Sand & Machine Co., 1509 St. Clair, Cleveland, O.
STEEL CABLE ENGINEERING CO., 92 State, Boston, Mass.; 120 Liberty, New York, & 204 Dearborn, Chicago, Ill.
Stephens & Tyler (Engineers & Contractors), Monadnock blk, Chicago, Ill.
Tate, Jones & Co. (Link Belt Appliances), Empire bldg, Pittsburg, Pa.
Teal, Chas. A., 1361 Ridge av., Phila., Pa.
Union Iron Works (Hoisting, Loading, Unloading & Conveying), Hoboken, N. J.

WEBSTER MFG. CO., 1075 W 15th, Chicago, Ill., & 38 Dey, New York. (See adv. index, end of book)
WELLER MFG. CO., 118 North av, Chicago, Ill. (See adv. index, end of book)
Wickes Bros., Saginaw, Mich.
Williamsport Clutch & Pulley Co., Williamsport, Pa.

Elliptic Spring Machinery.

Pratt & Whitney Co., Hartford, Conn.

Embossing Machines

Bliss, E. W. Co., 19 Adams, Brooklyn, N. Y.
Currier, Cyrus & Sons (Leather), Newark, N. J.
Dewes, A., 243 Centre, New York
Embossing Art Die & Machine Co., Indianapolis, Ind.
Grammes, L. F. & Sons (Lever, for Wood, Paper, Cloth, Silk, etc.), Allentown, Pa.
Randall & Co. (Leather, etc.), 802 W 6th, Cincinnati, O.
Royal Machine Co. (Tin, Sheet Metal, Leather, Paper, etc.), 61 N. J. R. R., Newark, N. J.
Standard Machine Works, Newark, N. J.
Sheridan, T. W. & C. B. Co. (Bookbinders), 50 Duane, New York, & 413 Dearborn, Chicago, Ill.
Stimpson, Edwin B. & Son (For Leather, Cardboards, etc.), 31 Spruce, New York
Traud, Alex., Newark, N. J.
Union Embossing Machine Co. ("Climax" Wood), Indianapolis, Ind.
Waldron, John Co., New Brunswick, N. J.

Embossing & Drop Carving Machines

Union Embosing Machine Co. ("New Automatic" & "Climax"), Indianapolis, Ind.

Emery Grinding Machines

Barnes, B. F. Co. (Tool), Rockford, Ill.
Barnes, W. F. & John Co. (Water), Rockford, Ill.
Blake & Johnson, Waterbury, Conn.
Boss Mfg. Co., Cohoes, N. Y.
Boston Steam Specialty Co. ("The Success," Foot Power), 168 8Congress, Boston, Mass.
Bridgeport Safety Emery Wheel Co., Bridgeport, Conn.
Buffalo Specialty Mfg. Co. (The "Home" for Small Tools & the "Success" for Bicycle Repairs), 375 Ellicott, Buffalo, N. Y.
Capitol City Machine Works, Columbus, O.
Challenge Machine Co., 3223 Turner, Phila., Pa.
Cordesman Machine Co., 25 Butler, Cincinnati, O.
Cordesman, Meyer & Co., 55 Central av, Cincinnati, O.
Cowdrey, C. H. Machine Works, Fitchburg, Mass.
Diamond Machine Co., Providence, R. I.
Emerson, Smith & Co. (Ltd.), Beaver Falls, Pa.
Florence Machine Co., Florence, Mass.
Frank Machinery Co., 50 Mechanic, Buffalo, N. Y.
Gem Mfg. Co. ("Gem," Portable, Flexible Shaft), Pittsburg Pa.
Globe Foundry & Machine Co. (Wheel), Sheboygan, Mich.
Gould & Eberhardt, Newark, N. J.
Grant Mfg. & Machine Co., Bridgeport, Conn.
Hampden Corundum Wheel Co., Brightwood, Springfield, Mass.
Hayden, J. M. & Co., Grand Rapids, Mich.
Herrick & Cowell, New Have, Conn.
Holmes, E. & B. Machinery Co., 59 Chicago, Buffalo, N. Y.
Huntsville Foundry & Machine Works (Nolan & Jones, Prop's), Huntsville, Ala.
Kimball Bros. & Sprague, Brockton, Mass.
Lancaster Peerless Emery Wheel Co. ("Peerless," Wet or Dry), Lancaster, Pa.
Maslin, Jno. & Son, 169 1st, Jersey City, N. J.
Northampton Emery Wheel Co., Leeds, Mass.
Norton Emery Wheel Co. (The "Walker"), Worcester, Mass.
Rogers, Saml. C. & Co., 10 Lock, Buffalo, N. Y.
Safety Emery Whel Co., Springfield, O.
Schofield & Co., Freeport, Ill.
Simpson, J. S. & G. F., 30 Rodney, Brooklyn, N. Y.
Slotkin & Praglin, 210 Canal, New York
Smith, H. B. Machine Co., Smithville, N. J., & 121 Liberty, New York
Spicer Mfg. Co., New Philadelphia, O.
Springfield Mfg. Co., Bridgeport, Conn.
Standard Emery & Supply Co., Eastern, Pa.
Sterling Emery Wheel Mfg. Co., Tiffin, O.
Stow Flexible Shaft Co., N 26th & Buttonwood, Phila., Pa.
Tanite Co., Stroudsburg, Pa.
Washburn Shops of the Polytechnic Institute, Worcester, Mass.
Webster & Perks Tool Co. (Self-Oiling), Springfield, O.

Enameled Cloth Machinery

Currier, Cyrus & Sons, Newark, N. J.

Engraving Machines

Diamond Machine Co., Providence, R. I.
Francis, A. E., 780 Cedar av, Cleveland, O.
Gorton, Geo. Machine Co. (For Engraving Name & Direction Plates), Racine, Wis.

Envelope Machines

Blackhall Mfg. Co., 10 Lock, Buffalo, N. Y.
Dietz Machine Works, 228 Cherry, Phila., Pa.
Hobbs Mfg. Co., Worcester, Mass.
Hopkinson Machine Works, 123 Taylor, Springfield, Mass.
Lester & Wasley, Norwich, Conn.
Rau, Emanuel & Sons, 211 Centre, New York
Royal Machine Co., 61 N. J. R. R. av, Newark, N. Y.

Envelope Sealing Machines

Grant Mfg. & Machine Co., Bridgeport, Conn.

Excavating Machinery

(See also Dredging Machinery; also Sewer & Trench Excavating Machines.)

Atlantic, Gulf & Pacific Co., 220 Market, San Francisco, Cal., & Park Row, New York
Bacon, Earle C., Havemeyer bldg, New York
Bucyrus Co., S Milwaukee, Wis.
Carlin, W. J. Co., 25th & A. U. R. R., Pittsburg, Pa.
CARSON TRENCH MACHINE CO., 16 Dorrance, Chsn., Boston, Mass., & 22 So Water, Cleveland, O. (See adv. index, end of book)
Dredging & Filling Co., 15 Cortlandt, New York
Hayes Machine Co., 108 West, Brooklyn, N. Y.
HOISTING & CONVEYING MACHINEry Co., 44 N Elizabeth, Chicago, Ill. (See adv. index, end of book)
Industrial Works, Bay City, Mich.
JEFFREY MFG. CO., Columbus, O.; 41 Dey, New York, & Equitable bldg, Denver, Colo. (See adv. index, end of book)
Kingsford Foundry & Machine Works, Oswego, N. Y.
LAMBERT HOISTING ENGINE CO., Main Office & Works, 115-121 Poinier Newark, N. J.; 85 Liberty, New York; 117 Main, Cambridge, Boston, Mass.; 1715-1717 Market, Phila., Pa.; Lacock & Sandusky, Allegheny, Pa.; 248-250 Water, Toledo, O.; 715-717 N 2d, St. Louis, Mo.; 232 5th av, Chicago, Ill., & Stewart & Folsom, San Francisco, Cal. (See adv. front colored page)
LESCHEN, A. & SONS ROPE CO., 920 N 1st, St. Louis, Mo.; 137 E Lake, Chicago, Ill.; 163 Wash'n, New York, & 1717-1723 Arapahoc, Denver, Colo. (See adv. index, end of book)
LIDGERWOOD MFG. CO., 96 Liberty, N. Y., & Old Colony bldg, Chicago (See adv. front colored page)
Marion Steam Shovel Co., Marion, O.
Menge Dredge Co., 100 Washington, Chicago, Ill.
Osgood Dredge Co., Albany, N. Y.
Portland Co., 58 Fore, Portland, Me.
Roots, P. H. & F. M. Co., Connersville, Ind.,
Smith, Theo. & Sons Co., ft of Essex, Jersey City, N. J.
Toledo Foundry & Machine Co., Toledo, O.
Urie Boiler & Machine Co., 607 N 5th, Kansas City, Mo.
Vulcan Iron Works, 63 Milwaukee, Chicago, Ill., & Toledo, O.

Excavating & Refilling Machinery

(See also Sewer & Trench Excavating Machines)

CARSON TRENCH MACHINE CO. (Sewer Digging Machines), 16 Dorrance, Chsn., Boston, Mass., & 22 So Water, Cleveland, O. (See adv. index, end of book)

Excelsior Machinery

American Excelsior Machine Co., Baltimore, Md.
Fifield Bros., Augusta, Me.
Fisher & Davis, 1024 N Main, St. Louis, Mo.
Humphrey Machine Co., Keene, N. H.
Johnson, Jesse B., Indianapolis, Ind.
Kansas City Excelsior Mfg. Co., S W Boul & State line, Kansas City, Mo.
Kline, Lewis T. (for the Mfrs of Excelsior), Alpena, Mich.
Michels, J. & Co., Detroit, Mich.

Eye Bending Machines

Williams, White & Co., Moline, Ill.

Eye Bolt Machines

Williams, White & Co., Moline, Ill.

Eyelet Machines

Blake & Johnson, Waterbury, Conn.
Manville, E. J. Machine Co., Waterbury, Conn.
Sheridan, T. W. & C. B. Co. (Bookbinders, etc.), 56 Duane, New York, & 413 Dearborn, Chicago, Ill.
Shipman, Geo., West Bridgewater, Mass.
Stimpson, Edwin B. & Son (Gang), 14 Spruce, New York

Face Grinding Machines

(See Grinders.)

Faucet or Bibb Re-Seating Machines

Long, Adam A., 13 Graves, Rochester, N. Y.

Feather Dusting Machines

Houchin & Huber, 35 53d, Brooklyn, N. Y.

Feather Washing Machines

Houchin & Huber, 35 53d, Brooklyn, N. Y.

Felloe Machinery

(See Carriage Builders' Machinery.)

Felloe Planing Machines

Bentel & Margedant Co., Hamilton, O.

Fence Machines

American Truss Fence Co., Pekin, Ill.
Bowen Cable Stay Fence Co. ("Bowen" Cable Stay Fence Machines), Norwalk, O.
Carter, Herman, Mt. Sterling, O.
Cyclone Woven Wire Fence Co. (Chain), Holly, Mich.
Elliott & Reid Co., Richmond, Ind.
Eureka Fence Mfg. Co., Richmond, Ind.
Gem Wire Fence Co., Pontiac, Mich.

Kltselman Bros. (Woven Wlre), Muncie, Ind.
Kokomo Fence Machine Co. (Woven Wire), Kokomo, Ind.
Lansing Wheel Barrow Co., Lansing, Mich.
Leader Fence Machine Mfg. Co., St. Charles, Ill.
Lloyd Mfg. Co., Minneapolis, Minn.
Lyle & Reynolds, Crawfordsville, Ind.
Missouri Anchor Fence Co., St. Joseph, Mo.
Standard Wire Fence Co., Canandalgua, N. Y.
Superior Fence Machine Co., Detroit, Mich.
Torrent Pump & Fence Co., Cleveland, O.
Welsenborn Mfg. Co., Indianapolis, Ind.
Willmarth, H. J., Detroit, Mich.

Fence Post Machines

GOODWIN, H. C., 208 Blake, Indianapolis, Ind. (See adv. index, end of book)

Fertilizer Machinery

(See also Pulverizing Machinery.)

Marquette, John N., Baltimore, Md.
Ocala Foundry & Machine Works, Ocala, Fla.
Sackett, August J., 318 N Front, Baltimore, Md.
Stedman's Foundry & Machine Works, Aurora, Ind.
Valk & Murdock Iron Works, Charleston, S. C.
Walker & Elliott, Wilmington, Del.

Fibre Cleaning Machines

Spangler Mfg. Co., York, Pa.

Fibre Machinery

Todd, Joseph C., 203 B'way, New York
Voglesong, J. W., Elyria, O.
Wood Fiber Machinery Co., Sandusky, O.

File Machinery

Hess Machine Works (Jno. A. Hess), 2512 Callowhill, Phila., Pa.

Filing Machines

Cochrane-Bly Machine Works (For Sawing Out & Filing Blanking Dies), Rochester, N. Y.
Grant Mfg. & Machine Co., Bridgeport, Conn.
Kinsey-Burt Co. ("Kinscyburt"), 136 Liberty, New York

Fire Boat Machinery

ELMES, CHAS. F. ENGINEERING Works, c Fulton & N Sangamon, Chicago, Ill. (See adv. index, end of book)

Fireproofing Machinery

American Clay Working Machinery Co., Bucyrus, O., & Willoughby, O.
Turner, Vaughn & Taylor Co., Cuyahoga Falls, O.
Voglesong, J. W., Elyria, O.

Flanging Machines

Alliance Machine Co., Alliance, O.
Ams, Max Machine Co. (Automatic for Can Makers), 372 Greenwich, New York
Chambersburg Engineering Co. (Flanging Presses), Chambersburg, Pa.
Keene, Geo. C. & Co., 2327 Florence, Cincinnati, O.
Loeffler, Chas. & Co. (Can Body, etc.), 63 Clymer, Brooklyn, N. Y.
NIAGARA MACHINE & TOOL Works (Sheet Metal), Buffalo, N. Y. (See adv. index, end of book)
Niles-Bement-Pond Co. (Boiler Head, etc.), 136 Liberty, New York. Works: Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
West Mfg. Co. (Sheet), 374 7th, Buffalo, N. Y.

Flour Mill Machinery

(See also Grain Elevator Machinery, etc.)

Acme Mill Works, Greensboro, N. C.
Albany Iron Works, Albany, Oregon
Allis-Chalmers Co. Office, New York Life bldg, Chicago, & 71 B'way, New York. Works, Chicago, Milwaukee & Scranton, Pa.
Barnard Machinery Co., Enterprise, Kans.
Barnard & Leas Mfg. Co., Moline, Ill.
Barnard-Syphers Machinery Co., Spokane, Wash.
Barry-Wehmiller Machinery Co., 21st & Walnut, St. Louis, Mo.
BARTLETT, C. O. & SNOW CO., French st, Cleveland, O. (See adv. index, end of book)
Beall Improvements Co., Decatur, Ill.
Blessing, Louis, Jackson, Mich.
Bullock, C. K., 1357 Ridge av, Phila., Pa.
Campbell, P. F., 55 Laurel, Phila., Pa.
Case Mfg. Co., Columbus, O.
Crofut, McAycal Mach'y Co. (M'f'rs Agts.), Portland, Ore.
Davidson, Martin Mfg. Co., Port Huron, Mich.
Dayton Globe Iron Works Co., Dayton, O.
Dehner-Wuerpel Mill Bldg. Co., St. Louis, Mo.
De Loach Mill Mfg. Co., Atlanta, Ga.
Downie-Wright Mfg. Co., York, Neb.
Ehrsam, J. B. & Sons Machine Co., Enterprise, Kas.
Essmueller Mill Furnishing Co., 605 S 6th, St. Louis, Mo.
Fairbanks Co., 186 Elm, New York; 701 Arch, Philadelphia, Pa.; 44 Pearl, Boston; 19 Light, Baltimore; 364 B'way, Albany, N. Y.; 610 Canal, New Orleans; 210 Main, Buffalo, N. Y.; 238 3d av, Pittsburg, Pa.
Foos Mfg. Co., Springfield, O.
Great Western Mfg. Co., Leavenworth, Kas.
Griscom & McFeely, 521 N 23d, Phila., Pa.
Honeyman & Co., Portland, Oreg.
Harmon-Whitmore Co., Jackson, Mich.
Howes, S. Co., Silver Creek, N. Y.
Huntley Mfg. Co., Silver Creek, N. Y.
Hutchinson, Jno. Mfg. Co., Jackson, Mich.
Invincible Grain Cleaner Co., Silver Creek, N. Y.
Knickerbocker Co., Jackson, Mich.
Moore & Lorenz Co., 115 S Clinton, Chicago, Ill.
Munson Bros. Co., Utica, N. Y.
Nashville Machine Co., Nashville, Tenn.
Nordyke & Marmon Co., Indianapolis, Ind.
Plamondon, A. Mfg. Co., 57 S Clinton, Chicago, Ill.
Portland Iron Works (Inc.), Portland, Oregon
Prinz & Rau Mfg. Co., 659 E Water, Milwaukee, Wis.
Richmond City Mill Works, Richmond, Ind.
Richmond Mfg. Co., Lockport, N. Y.
Salem Machine Works, Salem, Va.
Salzman Mfg. Co., Hamilton, O.
Savage, W. J., Knoxville, Tenn.
Silver Bros. Iron Wks. Co., Salt Lake City, Utah
Sound Iron Works, Everett, Wash.
Southern Engine & Boiler Wks., Jackson, Tenn.
Sprout, Waldron & Co., Muncy, Pa.
Starr, B. F. & Co., 455 North, Baltimore, Md.
Stauffer, Geo. E., E. Stroudsburg, Pa.
Straub Machinery Co., 1956 W 6th, Cincinnati, O.
Strothman Iron Co., West Superior, Wis.
Thornburgh, H. L. & Co., 245 S. Jefferson, Chicago
Union Iron Works, Decatur, Ill.
Van Camp, Anson, Decatur, Ind.
Wave System Bolting Co., Dayton, O.
Willamette Iron & Steel Works, Portland, Oregon
Willford Mfg. Co., 303 S. 3d, Minneapolis, Minn.
Wolf Co. (Complete Plants), Chambersburg, Pa.
Ypsilanti Machine Wks., Ypsilanti, Mich.

Flower Pot Machinery

Rockwood Mfg. Co., Indianapolis, Ind.

Flue Welding Machines

CHICAGO TOOL & SUPPLY CO. (Pneumatic), 356 Dearborn, Chicago, Ill (See adv. index, end of book)
Maddock & Herschell (Automatic Hand & Power), Princeton, Ind
MURPHY, CHRISTOPHER & CO. ("O"Neill's"), 204 Dearborn, Chicago, Ill. (See adv. index, end of book)

Fluting & Plaiting Machines

North Bros. Mfg. Co. ("Crown & Knox," "American" & "Eagle" Fluting Machines), Lehigh av & American, Philadelphia, Pa.

Fly Inserting Machines

Hobbs Mfg. Co. (For Paper Box Makers), Worcester, Mass.

Folding Box Machinery

Hobbs Mfg. Co., Worcester, Mass.
Nazel Machine Tool Works, 1042 Ridge av, Phila., Pa.

Folding Machines (Paper)

Sheridan, T. W. & C. B. Co., 56 Duane, New York, & 413 Dearborn, Chicago, Ill.

Foot Punching Machines

Grammes, L. F. & Sons (For Card & Strawboard & Thin Metals), Allentown, Pa.

Forging Machines

(See also Hammers, Power; also Presses, Power.)

Acme Machinery Co., Cleveland, O.
Ajax Mfg. Co., Lake & Wason, Cleveland, O.
Beaudry & Co. (Forging Presses), 141 Milk, Boston, Mass.
Billings & Spencer Co., Hartford, Conn.
Chambersburg Engineering Co. (Forging Presses) Chambersburg, Pa.
Merrill Bros., 405 Kent av, Brooklyn, N. Y.
Merriman, A. H., Meriden, Conn.
Morgan Engineering Co., Alliance, Ohio.
National Machinery Co., Tiffin, O.
Niles-Bement-Pond Co., 136 Liberty, New York. Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pratt & Whitney Co., Hartford, Conn.
Sutton, C. E. Co., Toledo, Ohio
Williams, White & Co., Moline, Ill.

Forging Machines, Hydraulic

Bethlehem Steel Co., So. Bethlehem, Pa., & 100 B'way, New York
Morgan Engineering Co., Alliance, O.

Forging Machines (Pneumatic)

Featherstone Foundry & Machine Co. (The Kennedy Heavy), 348 N Halsted, Chicago, Ill.

Forming & Bending Machines

(See also Wire Forming Machines; also Wood Forming Machines.)

American Tool Works Co. (Forming Only), 6th & Eggleston av, Cincinnati, O.; 120 B'way, & Frick bldg, Pittsburg, Pa.
Baker, Jas. H. Mfg. Co., Park bldg, Pittsburg, Pa.; Works, Tarentum, Pa.
Bethlehem Foundry & Machine Co., So Bethlehem, Pa.
Blake & Johnson (Wire, etc.), Waterbury, Conn.
Bliss, E. W. Co. (Can Body, etc.), 19 Adams, Brooklyn, N. Y.
Coulter & McKenzie Machine Co., Bridgeport, Conn.
Garvin Machine Co. (All Kinds), 137 Varick, New York
Hartford Machine Screw Co., Hartford, Conn.
Iroquois Machine Co., Providence, R. I., & 150 Nassau, N. Y.
Lang, E. M. Co., Portland, Me.
Leffler, Chas. & Co. (Can Forming, Bending, Etc.), 63 Clymer, Brooklyn, N. Y.

Long & Allstatter Co. (Horizontal), Hamilton, O.
National Machinery Co., Tiffin, O.
NIAGARA MACHINE & TOOL WORKS (Sheet Metal), Buffalo, N. Y. (See adv. index, end of book)
Niles-Bement-Pond Co., 136 Liberty, New York. Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Pawtucket Mfg. Co., Pawtucket, R. I.
Peck, Stow & Wilcox Co. (Sheet Metal), Southington, Conn.; Cleveland, O., & 27 Murray, New York
Pocock, Oliver (Sheet Metal), 1042 Harriet, Cincinnati, O.
Pratt & Whitney Co., Hartford, Conn.
Robinson, J. M. Mfg. Co. (Sheet Metal), 2d & Central av, Cincinnati, O.
Swaine, Fred J. Co. (Can Body), St. Louis, Mo.
Turl's, John Sons (Inc.), 534 W 28th, N. Y.
West Mfg. Co., 374 7th, Buffalo, N. Y.
Whiting, Geo. Co. (Forming), 428 N. Halsted, Chicago, Ill.
Williams, White & Co., Moline, Ill.
Wood, Wm. H., Media, Pa.

Foundry Machinery

SHUSTER, F. B. CO., New Haven, Conn. (See adv. index, end of book)

Foundry Molding Machines

(See Sand Molding Machines).

Fourdrinier & Cylinder Paper Machines

Moore & White Co., 15th & Lehigh av, Phila., Pa.
Sandy Hill Iron & Brass Works, Sandy Hill. N. J.

Freight Handling Machines

(See Conveyors, Freight).

Fruit Cleaning & Breaking Machinery

American Fruit Machinery Co., Drexel bldg, Phila., Pa.

Fruit Gading & Packing Machines

Anderson-Barngrover Mfg. Co., San Jose, Cal.

Fur Dessing Machinery

Piel, Bernard F. (Tramping & Tubbing Machines, etc.), 56 Humboldt, Brooklyn, N. Y.

Furnace Charging Machines

Hogg, Geo. A. Iron & Steel Foundry Co. ("Freeman" for Annealing Furnaces), 24th & R. R., Pittsburg, Pa.

Furnace Pipe Seaming Machines

NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)

Furniture Nail Machines

Blake & Johnson, Waterbury, Conn.

Gaining Machines

Bentel & Margedant Co. (Automatic Traversing, Triple Axle Car & Gang), Hamilton, O.

Galvanizing, Machinery (Sheet Iron)

Bair & Gazzam Mfg. Co., 29th & Smallman, Pittsburg, Pa.

Gang Drilling Machines

American Wood Working Machine Co., 136 Liberty, N. Y.; 45 S Canal, Chicago, & Williamsport, Pa.
Fay, J. A. & Egan Co. (Wood), c John & Front, Cincinnati, O.
Pratt & Whitney Co. (Upright Gang), Hartford, Conn.
Williams, White & Co. (6 to 10 Holes in Wood), Moline, Ill.

Gang Ripping Machines

Power, L. & Co. (Self-Feed), 20 S 23d, Phila., Pa.

Garbage Disposal Machines

Kutztown Foundry & Machine Co., Kutztown, Pa., & Fidelity bldg, Phila., Pa.

Gas Pumping Machinery

Bovaird & Seyfang Mfg. Co., Bradford, Pa.

Gas Works Machinery

(See also Gas Works Apparatus & Construction)

Murray-Kerr Mfg. Co., Ft. Wayne, Ind.
Pollock, Wm. B. Co., Youngstown, O.
Riter-Conley Mfg. Co., Pittsburg, Pa., & 39 Cortlandt, N. Y.
Western Gas Construction Co., Ft. Wayne, Ind.
Wood, R. D. & Co., 400 Chestnut, Phila., Pa.

Gear Cutting Machines

Anchor Engineering & Machine Co. (Special Experimental, etc.), Scott pl, near Penn av, Pittsburg, Pa.
Becker, Brainard Milling Machine Co. (Automatic), Hyde Park, Mass.
Bilgram, Hugo (Internal), 12th & Noble, Philadelphia, Pa.
Blaisdell, P. & Co., Worcester, Mass.
Browne & Sharpe Mfg. Co. (Automatic, etc.), Providence, R. I.
Bultman, F. H. & Co., 131 Viaduct, Cleveland, O.
Dwight Slate Machine Co., Hartford, Conn.
Eagle Gear & Machine Co. (Special), Oxford & Mascher, Phila., Pa.
Eagle Tool & Machine Co. (Special Tools & Machinery), 120 Sandusky, Allegheny, Pa.
Fellows Gear Shaper Co., Springfield, Vt.
Garvin Machine Co., 137 Varick, New York
Gay & Ward, Athol, Mass.
Gleason Works, Rochester, N. Y.
Gould & Eberhardt (Automatic Steel Gear & Pinion Cutting Machines, etc.), Newark, N. J.
Harrington, Edwin, Son & Co., 1515 Penn. av, Philadelphia, Pa.
Herrick, Chas. E., Northampton, Mas.
Kentucky Gear & Machine Co. ("the Binder"), Louisville, Ky.
Leland & Faulconer Mfg. Co., 480 Trombly av, Detroit, Mich.
MANNING, MAXWELL & MOORE, 85, 87 & 89 Liberty, New York, N. Y.; 22, 24 & 26 S Canal, Chicago; Park bldg, Pittsburg, Pa.; Williamson bldg, Cleveland, O.; 128 Oliver, Boston, Mass., & 721 Arch, Phila., Pa. (See adv. index, end of book) end of book)
Newton Machine Tool Works (Inc.), 2343 Vine, Philadelphia, Pa.
Niles-Bement-Pond Co., 136 Liberty, N. Y.: Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Pratt & Whitney Co. (Involute & Epicycloidal), Hartford, Conn.
Putnam Machine Co. (Involute & Epicycloidal), Fitchburg, Mass.
Sloan & Chace Mfg. Co. (Ltd.), Newark, N. J.
Walcott, Geo. D. & Son, Jackson, Mich.
Whiton, D. E. Machine Co., New London, Conn.
Wolf Co. (Inc.), Chambersburg, Pa.

Gear Generating Machines

Leland & Faulconer Mfg. Co., Detroit, Mich.

Gear Testing Machines

Morse Twist Drill & Mach. Co., New Bedford, Mass.

Gelatine Coating Machines

COLTON, ARTHUR, Brush & Macomb, Detroit, Mich. (See adv. index, end of book)

Gin Saw Filing Machines & Gummers

Carver Cotton Gin Co., East Bridgewater, Mass.

Glass Beveling Machinery

Lange, Henry G., 22 N May, Chicago, Ill.

Glass Blowing Machines

Sommerfeld, R. G., 224 3d av, Pittsburg, Pa.

Glass House Machinery

Acton, John (Glass Roughing, Smoothing, etc.), 116 John, Brooklyn, N. Y.
Centre Foundry, Wheeling, W. Va.
Evans Mold & Machine Co., Uniontown, Pa.
Muncie Foundry & Machine Co., Muncie, Ind.
Sommerfeld, R. G., 224 3d av, Pittsburg, Pa.
Wheeling Mold & Foundry Co., Wheeling, W. Va.

Glass Polishing Machines

Stow Flexible Shaft Co., N 26th & Buttonwood, Philadelphia, Pa.

Glossing Machines

Chambers Bros. Co., 52d below Lancaster av, Philadelphia, Pa.
Union Machine Co., Worcester, Mass.

Glove Machinery, Etc.

Allfrey, Henry (Steam Laying-off Boards, etc.), Johnstown, N. Y.
Anthony, H. J. (Glove Cutting Dies & Presses, etc.), Gloversville, N. Y.
Curtin, Herbert Mfg. Co. (Special Machine & Glove Sewing Machines, etc.), Gloversville, N. Y.
Haag, Jacob (Glove Cutting Dies, etc.), Gloversville, N. Y.

Glue Factory Machinery

Joslin, Schmidt & Co., Cincinnati, O.

Glue Spreading Machines

Boyle, John Machine Co., Peabody, Mass.
Fischer Machine Works, 345 S Canal, Chicago, Ill.
Francis, Chas. E. & Bro., 425 E 8th, Cincinnati, Ohio

HAMMACHER, SCHLEMMER & CO. (Hand & Power), 133 4th av, New York. (See adv. index, end of book)
Towsley, Jno. T. Mfg. Co., Evans n Gest, Cincinnati, Ohio

Gold Dredging Machinery

(See also Dredging Machinery.)

Krogh Mfg. Co., San Francisco, Cal.
Marion Steam Shovel Co., Marion, O.
Ohio Steam Shovel Co., Toledo, O.
Risdon Iron & Locomotive Works, Steuart cor Folsom, San Francisco, Cal.
Urie Boiler & Machine Co., 607 W 5th, Kansas

Gold Placer Mining Machinery

Beckley, A. J. Co., Garwood, N. J.

Graduating Machines

Altender, Theo. & Sons, 945 Ridge av, Phila., Pa.

Grain Cleaning & Grading Machinery

(See also Flour Mill Machinery.)

Barnard & Leas Mfg. Co., Moline, Ill.
Best Mfg. Co., San Leandro, Cal.
Beeman-Aigner & Co., 292 Pleasant av, Minneapolis, Minn.
Campbell, P. F., 55 Laurel, Phila., Pa.
Howe, S. Co., Silver Creek, N. Y.
Huntley Mfg. Co ("Monitor" for elevators), Silver Creek, N. Y.
Invincible Grain Cleaner Co., Silver Creek, N. Y.
Johnson & Field Mfg. Co., Racine, Wis.
Messinger, S. S. & Son, Tatamy, Pa.
Nordyke & Marmon Co., 1101 Morris, Indianapolis, Ind.
Owens, J. L. Co., Minneapolis, Minn.
Portland Iron Works (the Eureka), Portland, Oreg.
Prinz & Rau Mfg. Co. (Iron Prince Scourer), Milwaukee, Wis.
Stevens Mfg. Co., Joliet, Ill.

Grain Elevator Machinery & Appliances

American Cushion Elbow Co., 81 Fulton, N. Y.
Barnard-Syphers Machinery Co., Spokane, Wash.
Barry-Wehmiller Mach. Co., 21st & Walnut, St. Louis, Mo.
Caldwell, H. W. & Son Co., 17th & Western av, Chicago
Des Moines Mfg. & Supply Co., 101 E. Court av, Des Moines, Ia.
Diamond Iron Works, Minneapolis, Minn.
Dodge Mfg. Co., Mishawaka, Ind.; 166 S. Clinton, Chicago; 45 Dey, New York; 128 W 3d, Cinn., O., & 137 Purchase, Boston, Mass.
Ehrsam, J. B. & Sons, Enterprise, Kan.
Gill, Thos. H. & Sons, Lorraine & Otsego, Brooklyn, N. Y.
Globe Machinery & Supply Co., 414 W Court av, Des Moines, Ia.
Great Western Mfg. Co., Leavenworth, Kan.
Holbrook, C. D. & Co., 305 3d, S, Minneapolis. Minn.
Howes, S. Co., Silver Creek, N. Y.
JEFFREY MFG. CO., Columbus, O.; 41 Dey, New York, & Equitable bldg, Denver, Colo. (See adv. index, end of book)
Link Belt Engineering Co., Nicetown, Pa.; Park bldg, Pittsburg, Pa., & 49 Dey, N. Y.
Marseilles Mfg. Co., Marseilles, Ill.
MEY CHAIN BELTING ENGINEERING WORKS, 14 Perry, Buffalo, N. Y. (See adv. index, end of book)
MINNEAPOLIS STEEL & MACHINERY co., Minneapolis, Minn. (See adv. index, end of book)
Moore & Lorenz Co., 115 S Clinton, Chicago, Ill.
Poole Engineering & Machine Co., Woodbery Station, Baltimore, Md.
Robins Conveying Belt Co., 15 Park Row, N. Y.
Skillin & Richards Mfg. Co., 147 Fulton, Chicago, Ill.
WEBSTER MFG. CO., 1075 W 15th, Chicago, & 38 Dey, New York. (See adv. index, end of book)
WELLER MFG. CO., 118 North av, Chicago. (See adv. index, end of book)
Willamette Boiler Works, 123 N 3d, Portland, Oregon
York Fdry. & Machine Wks, York, Neb.

Granite Column Cutting Machines

St. Cloud Iron Works, St. Cloud, Minn.

Granulating Machines

Colton, Arthur, 184 Brush, Detroit, Mich.
Mulford, H. K. Co., 412 S 13th, Phila., Pa.

Grape Stemmer & Crushing Machines

Klotz Machine Co., Sandusky, O.

Grate Slat Cutting Machines

Trevor Mfg. Co., Lockport, N. Y.

Gravity Incline Machines

Wellman-Seaver-Morgan Co., Cleveland, O., & Akron, O.
Webster, Camp & Lane Co., Akron, O.

Green Pea Cleaning & Grading Machines

Howes, S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.
Invincible Grain Cleaner Co., Silver Creek, N. Y.
SPRAGUE CANNING MACHINERY Co. ("Clipper," "Eureka" & "Monitor"), 42 River, Chicago, Ill. (See adv, index, end of book)

Grinding Machinery

See Grinders.
Also Mills, Grinding.
Also Paint Grinding & Mixing Machinery.
Also Pulverizing Machinery.

Grinding & Polishing Machines

Diamond Machine Co. (Swing Frame), Providence, R. I.

Grommet Machines

BUDA FOUNDRY & MFG. CO., Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
Stimpson, Edwin B. & Son, 14 Spruce, New York

Grubbing Machines

Caward, R. S., Cresco, Ia.
Morrison, S. M. Mfg. Co., Denver, Col.
New Century Mfg. Co. ("Steel Giant"), Rochester, N. Y.
Smith, W. Grubber Co., La Crosse, Wis.

Gruffing Machines

Caward, R. S., Cresco Ia.

Gun Barrel Drilling Machinery

Diamond Machine Co., Providence, R. I.
Niles-Bement-Pond Co., 136 Liberty, New York Works: Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Pratt & Whitney Co., Hartford, Conn.
Reed, Francis Co., Worcester, Mass.

Gun Barrel Reaming Machines

Diamond Machine Co., Providence, R. I.

Gun Loading Machinery

Ideal Mfg. Co., New Haven, Conn.

Gun Powder Machinery

Allentown Foundry & Machine Works Co., Allentown, Pa.
Scott, Olin, Bennington, Vt.
Vulcan Iron Works, Wilkesbarre, Pittston & Tamaqua, Pa.

Gutter Forming Machines

Double Truss Cornice Brake Co., Buffalo, N. Y.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. (See adv. index, end of book)

Hair Washing Machines

Baker, G. W. & Co., Wilmington, Del.

Hand Bending Machines

Estep & Dolan, Sandwich, Ill.
Freeman, A. W., 67 R. R. av. Newark, N. J.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. (See adv. index, end of book)

Hand Hole Cutting Machines

Fisher Machine Works (Automatic for Wood), 345 S Canal, Chicago, Ill.

Hand Milling Machines

(See Milling Machines, Hand.)

Hand Shearing Machines

Kidder, R. E., 2 Hermon, Worcester, Mass.
New Doty Mfg. Co., Janesville, Wis.
Niles-Bement Pond Co., 136 Liberty, New York. Works: Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Pels, Henry & Co., 68 Broad, New York
Pratt & Whitney Co., Hartford, Conn.

Hand & Foot Power Machinery

(See Woodworking Machinery, Hand & Foot Power.)

Handle Blank Sawing Machines

Trevor Mfg. Co., (Automatic), Lockport, N. Y.

Handle Tumbling Machines

Trevor Mfg. Co. (For Smoothing Handles), Lockport, N. Y.

Handle Turning Machinery

(See Lathes, Handle Turning.)

Hardware Machinery

Herrick & Cowell, New Haven, Conn.

Harness Machinery

Randall & Co., Cincinnati, O.
Ross-Moyer Mfg. Co., Cincinnati, O.

Harvesting Machinery

(See Harvesters, Various, Kinds.)

Hatters' Machinery

Almond, David, Newark, N. J.
Dubrow & Hearne Mfg. Co., 12 Wooster, N. Y.
McGall-Ives-Agar Hat Curling Machine Co., 17 Wash'n pl, New York
Morelock & Husk, Danbury, Conn.
Muller, Fred, 249 Plane, Newark, N. J.
New Machine Co., Danbury, Conn.
Newark Hat Block & Machine Co., Newark, N. J.
Reed, Chas., Danbury, Conn.
Turner Machine Co., Danbury, Conn.
Yule & Carley Mfg. Co., Newark, N. J.

Haulage Machinery (Endless Rope)

Robinson Machine Co., Monongahela, Pa.

Hide & Leather Working Machinery

Baker, G. W. & Co., Wilmington, Del.
Boyle, John Machine Co. (Shaving Machines), Peabody, Mass.
Bowers, Albert M. (Paddle Tubs, Tanning Mills, Finishing Machines, Stretching Frames, etc.), 6 Laundry pl, Newark, N. J.
Evans', John Sons, 13th & Buttonwood, Phila., Pa.
Freeman, J. T. & Co. (Whitening Machines, Stuffing & Fanning Mills, Wash Wheels, etc.), Woburn, Mass.
Hide & Leather Wrkg. Machine Co., Milwaukee, Wis.
Holmes, Chas. Machine Co., 299 Marginal, E. B, Boston
International Harness Machine Co. (Harness & Leather Working Machinery), 630 Sycamore. Cincinnati, O.
Martin, Wm. F. (Tan Presses, Finishing Machines, etc.), Salem, Mass.
Seymour & Whitlock (Splitting Machines), Newark, N. J.
Slocomb, F. E. & Co. (Stalking & Glazing), Wilmington, Del.
Vaughn Rood Co., Peabody, Mass.

Hinge & Butt Machinery

Ferracute Machine Co., Bridgeton, N. J.
Waterbury Farrell Foundry & Machine Co., Waterbury, Conn.

Hod Hoisting Machines

(See Elevators, Hod.)

Hoisting Machinery

(See Cranes; also Derricks; also Hoisting Engines; also Hoists of Various Kinds; also Wire Rope Tramways, etc.)

*Hoisting & Conveying Machines for Trench Work

CARSON TRENCH MACHINE CO., 16 Dorrance, Chsn., Boston, Mass., & 22 So Water, Cleveland, O. (See adv. index, end of book)

Hollow Building Block Machinery

(See also Brick Machinery, also Brick Press Machines.)

American Clay Working Machinery Co., Bucyrus, O., & Willoughby, O.
Bonnot Co., Canton, O.
Brady Cement Stone Machine Co. (Ltd.) (Cement), Jackson, Mich.
Brewer, H. & Co., Tecumseh, Mich.
Freese, E. M. & Co., Galion, O.
GOODWIN, H. C., 208 Blake, Indianapolis, Ind. (See adv. index, end of book)
MACKAY, A. D. & CO. ("Winget"), Cham. of Com. bldg, Chicago, Ill. (See adv. index, end of book)
Michigan Brick & Tile Machine Co., Morenci, Mich
National Hollow Concrete Block & Fire-Proofing Co., 921 F, N W, Washington, D. C.
Stewart Cement Block Machine Co., Waterloo, Ia.
Turner, Vaughn & Taylor Co., Cuyahoga Falls, Ohio

Hook & Eye Machinery

Blake & Johnson, Waterbury, Conn.
Manville, E. J. Machine Co., Waterbury, Conn.
Nilson, A. H. Machine Co., Bridgeport, Conn.
Special Machinery Co. (Automatic), Bridgeport, Conn.

Hoop Machinery

(See also Barrel Machinery.)

Bartlett, A. F. & Co., Saginaw, Mich.
Defiance Machine Works, Defiance, O.
Merritt Mfg. Co. ("Trautman," It Saws., Planes, Points & Laps), Lockport, N. Y.
Michels, J. & Co., Deroit, Mich.

Hoop Nailing Machines

Holmes, E. B. Machinery Co. †"Trauthan"), Buffalo, N. Y.

Horse Clipping Machines

Chicago Flexible Shaft Co., La Salle av. & Ontario, Chicago
Gillettet Clipping Machine Co., 114 W 32d, New York

Horse Collar Machinery

Randall & Co., Cincinnati, O.

Horseshoe Machinery

Diamond State Steel Co., Wilmington, Del.; 29 B'way, N. Y., & Phila., Pa.
Dora Fdry Car Wheel & Mach. Co., Pulaski, Va.

Hot Rolled Stock Straightening & Cutting Machinery (Automatic)

SHUSTER, F. B. CO., New Haven, Conn. (See adv. index, end of book)

Hot Sawing Machines

(See also Metal Sawing Machines.)

Lewis Foundry & Machine Co., 1001 Bingham, Pittsburg, Pa.
Phila. Roll & Machine Co. (For Hot Metal), S 22d & Wash'n ac, Phila., Pa.
Scaife Foundry & Machine Co., 28th & Smallman, Pittsburg, Pa.
United Engineering & Foundry Co. Farmers' Bank bldg, Pittsburg Pa., & Youngstown, Ohio

Hub Boxing Machines

Silver Mfg. Co. ("Dole & Silver"), Salem, O.

Hub, Spoke & Rim Machinery

Abbott & Co. (Hub Borers), Hudson, Mich.
American Tool Works Co., 6th & Eggleston av, Cincinnati, O.; 120 B'way, New York, & Frick bldg, Pittsburg, Pa.
American Woodworking Machine Co., 136 Liberty, New York; 45 S Canal, Chicago, Ill., & Williamsport, Pa.
Bentel & Margedant Co., Hamilton, O.
Conrad, I. N. & A. C., Mt. Pleasant, Mich.
Cordesman Machine Co. (Boring), 25 Butler, Cincinnati, O.
Defiance Machine Works, Defiance, O.
Fay, J. A. & Egan Co., cor Front & John, Cincinnati, O.
Gleason Spoke, Lathe & Machinery Co., N 2d & Diamond, Phila., Pa.
Kane & Roach (Boring), Niagara & Shonnard, Syracuse, N. Y.
Klotz Machine Co., Sandusky, O.
Moyer, H. A., Syracuse, N. Y.
Ober Mfg. Co. (Spoke), Chagrin Falls, O.
Silver Mfg. Co. (Tenon Machines), Salem, Ohio
Smith, H. B. Machine Co., Smithville, N. J., & 121 Liberty, N. Y.
Stearns, E. C. & Co., 100 Oneida, Syracuse, N. Y.

Hydraulic Machinery

(See Accumulators, Hydraulic.)
Also Compressors, Air.
Cranes, Hydraulic.
Dredging Machinery, Hydraulic.
Gauges, Hydraulic.
Hydraulic Rams.
Jacks, Hydraulic.
Lifts, Hydraulic.
Presses, Hydraulic, Various Kinds.
Pumps, Hydraulic.
Punches, Hydraulic.
Riveting Machines, Hydraulic.

Ice Elevating Machinery

Klotz Machine Co., Sandusky, O.

Ice Handling Machinery

BARTH MFG. CO., 15th & St. Paul av, Milwaukee, Wis. (See adv. index, end of book)
Haughton Elevator & Machine Co., Toledo, O.
HOISTING & CONVEYING MACHINEry Co., 44 N Elizabeth, Chicago, Ill. (See adv. index, end of book)
Interstate Engineering Co., Cleveland, O. Works, Bedford, O.
Klotz Machine Co., Sandusky, O.
Link Belt Enginering Co., Nicetown, Phila., Pa.; 47 Dey, New York, & Park bldg, Pittsburg, Pa.
Link Belt Machinery Co., W 39th & Stewart av, Chicago, Ill.
MEY CHAIN BELTING ENGINEERing works, 14 Perry, Buffalo, N. Y. See adv. index, end of book)
Williamsport Clutch & Pulley Co., Williamsport,, Pa.

Ice Machines, Portable

Barber, A. H. Mfg. Co., 229 S Water, Chicago, Ill.
Krocschell Bros. Ice Machine Co. ("North Pole," Miniature), 31 Erie, Ccicago, Ill.
Lapham & Schroeder Mfg. Co., Newark, N. J.
Murray Iron Works Co., Burlington, Ia.
Tropical Ice Machine Co., 126 Liberty, N. Y.
United Iron Works Co., Springfield, Mo.

Ice Recording Machines

Stevenson Co. (Ltd.), Chester, Pa.

Ice & Refrigerating Machines

Allen Ice Machine Co., 33 Degraw, Brooklyn, N. Y.
Alamo Iron Works (Inc.), San Antonio, Tex.
American Linde Refrigeration Co., 120 Liberty, New York
Arctic Machine Co., Canton, O.
Atlanta Machine Works, Atlanta, Ga.
Barber, A. H. & Co., 229 S Water, Chicago, Ill.
Behlen, Chas. F., 72 Trinity pl, New York
Brown-Cochran Co. (Carbonic Anhydride System), Lorain, O.
Buffalo Engine Co., Buffalo, N. Y.
Buffalo Refrigerating Machine Co., 141 B'way, New York
Buffalo Steam Pump Co., N Tonawanda, N. Y.
Callahan, W. P. & Co., Dayton, O.
Carbondale Machine Co. (the Heidrick), Carbondale, Pa.
Case Refrigerating Machine Co., 31 Main, Buffalo, N. Y.
Castle Ice Machine Co., Indianapolis, Ind.
Columbus Iron Works Co., Columbus, Ga.
Creamery Package Mfg. Co., 149 Superior, Chicago, Ill., & Kansas City, Mo., & Waterloo, Ia.
De La Vergne Refrigerating Co., ft E 138th, New York
Featherstone Foundry & Machine Co., 348 N Halsted, Chicago, Jll.
Frick Co., Waynesboro, Pa.
Goldens' Fdry. & Machine Co., Columbus, Ga.
Healy Ice Machine Co., 641 30th, Chicago, Ill.
Hercules Ice Machine Co. (E. A. McDonald), Monadnock blk, Chicago, Ill.
Holden Regealed Ice & Machine Co., 1336 Beach, Phila., Pa.
HOWARD IRON WORKS, 287 Chicago, Buffalo, N. Y., & 126 Liberty, New York. (See adv. index, end of book)
Huetteman & Cramer Co., 65 Catharine, Detroit, Mich.
Ice & Cold Machine Co., 912 N Main, St. Louis, Mo.
Imperial Ice Machine Co., 11 B'way, New York
Kroeschell Bros. Iice Machine Co., 31 Erie, Chicago. Ill.
MARINE ENGINE & MACHINE CO., Main Office, 1123 B'way, New York. Works, Harrison, N. J. (See adv. index, end of book)
Maynard, J. F. (for Brewers, Packers, Confectioners & Dairies), 122 Geyer av, St. Louis, Mo.
Meese & Gottfried Co. (Linde System), 167 Fremont, San Francisco, Cal.
Moore, E. J. Machine & Foundry Co. ("Edward Barrath" Patents, Fifty Cents a Ton Guaranteed Cost), 2227 Wood, Phila., Pa.
Murray Iron Works Co., Burlington, Ia.
Newburgh Ice Machine & Engine Co., Newburgh, N. Y.
Ott, Geo. F., 209 Buttonwood, Phila., Pa.
Platt Iron Works Co., Dayton, O., & 93 Liberty, New York
Pennsylvania Iron Works Co., Land Title bldg, Phila., Pa., & 277 B'way, New York
Remington Machine Co., Wilmington, Del.
Philper, H. H., 2620 S 13th, St. Louis, Mo.
Riverside Iron Works Co., Kansas City, Kan.
Ruemmeli-Dawley Mfg. Co., 3900 Chouteau av, St. Louis, Mo.
Seekamp, H. D. Machine Co., 119 N 7th, St. Louis, Mo.
Steele & Condict, 70 Pearl, Jersey City, N. J.
Sterling Iron Works, Springfield, Mo.
Triumph Ice Machine Co., 610 Baymiller, Cincinnati, O.
Tropical Ice Machine Co., 126 Liberty, N. Y.
United Iron Works Co. (1-4 to 50 Tons Per Day), Springfield, Mo.
Van Zandt-Moore Iron Works, Ft. Worth, Tex.
VILTER MFG. CO., 1046 Clinton, Milwaukee, Wis. (See adv. index, end of book)
Viter Mfg. Co., 854 Clinton, Milwaukee, Wis.
Vogt, Henry Machine Co., 10th & Ormsby av, Louisville, Ky.
Vulcan Iron Works, 505 Mission, San Francisco, Cal.
Wolf, Fred. W. Co. ("Linde"), 141 Rees, Chicago
York Mfg. Co., York, Pa., No. American bldg, Phila., Pa., & 11 B'way, N. Y.
Zero Refrigerating Machine Co., 206 B'way, N. Y.

Incandescent Lamp Making Machinery

York Electric Machine Co., York, Pa.

Ink Grinding Machines

Black & Clawson Co., Hamilton, O.

Insulator Pin, Bracket & Cross Arm Machinery

Chattanooga Machinery Co., Chatttanooga, Tenn.
Defiance Machine Works, Defiance, O.

Ironing Machines

STEEL ROLL MACHINE CO., 8 S Canal, Chicago, Ill. (See adv. below)

Irrigating Machinery

(See Pumps, Irrigating.)

Keyhole Boring & Lock Mortising Machines

Corbin Cabinet Lock Co. (Mortising for Locks & Keyhole Boring), New Britain, Conn.

Key-Seating Machines

Baker Bros. (Colburn), Toledo, O.
Burr, John T. & Sons, 385 Kent av, Brooklyn, N. Y.
Crompton & Knowles Loom Works, Worcester, Mass.
Chattanooga Machinery Co. (The "Catlin"), Chattanooga, Tenn.
Davis, Geo. E., Dubuque, Ia.
Davis, W. P. Machine Co., Rochester, N. Y.
Hill Tool Co., Anderson, Ind.
Lapointe Machine Tool Co., 32 Atlantic av, Boston, Mass.
Mitts & Merrill (The Giant), Saginaw, Mich.
Morton Mfg. Co., Muskegon Heights, Mich.
Nazel Machine Tool Works (Portable), 1042 Ridge av, Philadelphia, Pa.
Niles-Bement-Pond Co., 136 Liberty, New York. Works: Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.

Key-Way Machines

Baker Bros. ("Colburn"), Toledo, O.
Davis, W. P. Machine Co., Rochester, N. Y.
Hill, Clarke & Co., 156 Oliver, Boston, Mass.; 12 S Canal, Chicago, Ill., & 123 Liberty, New York
Morton Mfg. Co., Muskegon Heights, Mich.
Niles-Bement-Pond Co., Main Office, 136 Liberty, New York. Works: Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.

Kindling Wood Machinery

Dedricks, P. K. Sons, Albany, N. Y.
Fay, J. A. & Egan Co., Front & John, Cincinnati, O.
Green Mfg. Co., 296 Oakland, Brooklyn, N. Y.
Spangler Mfg. Co., York, Pa.
Stauffer, Geo. E., East Stroudsburg, Pa.

Knife Balancing Machinery

Bentel & Margedant Co., Hamilton, O.
Defiance Machine Works, Defiance, O.
Fay, J. A. & Egan Co., Front & John, Cincinnati, O.

Knitting Machinery

(See Textile Machinery; for page number consult Index of Contents.)

Kraut Cutting Machines

Smith's, Jno. E. Sons Co., Buffalo, N. Y.

Labeling Machines

Bottlers' Special Machinery Co., 110 Indiana, Chicago, Ill.
Brooklyn Labeling Machine Co. ("Brooklyn, Bottle), 63 Clymer, Brooklyn, N. Y.
Burt Labeling Machine Co., 226 N Holliday, Baltimore, Md.
Girard Machine Works (Inc.), 2616 Girard av Philadelphia, Pa
Leffler, Chas. & Co. ("Brooklyn" Bottle, Can & Package), 63 Clymer, Brooklyn, N. Y.
National Labeling Machine Co. (Kramer Bros. Propts.), Dayton, O.
Royal Machine Co., 61 N. J. R. R. av, Newark, N. J.
SPRAGUE CANNING MACHINERY "Knapp" Tin Can), 42 River, Chicago, Ill. (See adv. index, end of book)

Laboratory Machinery

Colton, Arthur, 184 Brush, Detroit, Mich.
Day, J. H. Co., 1144 Harrison av, Cincinnati, O., & 76 Park pl., New York

Lacquering Machines

Hughlett & Scely, Blaine, Wash.

Lapping Machines

(See also Textile Machinery.)

Builders' Iron Foundry, Providence, R. I.
LeBlond, R. K. Machine Tool Co., 4609 Eastern av, Cincinnati, O.



IRONING MACHINES, Hand Power or Belt Power

For Use in RESIDENCES, HOTELS, INSTITUTIONS, Etc.

WRITE FOR CATALOGUE TO

STEEL ROLL MACHINE CO., Manufacturers of Laundry Equipment,

10 SOUTH CANAL STREET, CHICAGO, ILL.

Mitts & Merrill (for Band Saws), Saginaw, Mich
Niles-Bement-Pond Co., 136 Liberty, New York
Works: Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Northampton Emery Wheel Co., Leeds, Mass., & Northampton, Mass
Rhode Island Braiding Machine Co., Providence, R. I.

Last Machinery

Kimball Bros. & Sprague, Brockton, Mass.

Lath Mill Machinery

American Wood Working Machine Co., Williamsport, Pa.; 136 Liberty, N. Y., & 45 S Canal, Chicago
Bartlett, A. F. & Co., Saginaw, Mich.
Butterworth & Lowe, 801 W Green, Grand Rapids, Mich.
Cook, R. A., Stevens Point, Wis.
Curtis & Co. Mfg. Co., 2201 Wash'n av, St. Louis, Mo., & 42 S Canal, Chicago, Ill.
Diamond Iron Works, Minneapolis, Minn.
Garland, M. Co., Bay City, Mich.
Garvin Machine Co., 137 Varick, New York
Lane Mfg. Co., Montpelier, Vt.
Mitts & Merrill, Saginaw, Mich.
Smith, Myers & Schnier, 621 W Front, Cincinnati, O.
Southern Engine & Boiler Works (Inc.), Jackson, Tenn.
Stearns Mfg. Co., Erie, Pa.
Union Iron Works, Bangor, Me.
Wheland Machine Works, Chattanooga, Tenn.
Wickes Bros., Saginaw, Mich.

Laundry Machinery

(See also Laundry Dryers, Tubs, etc.)

Adams Laundry Machinery Co. ("Sharps" Washers, etc.), 1935 6th av, Troy, N. Y.
American Bell & Foundry Co. ("Gem" C. & C. Ironers, etc.), Northville, Mich.
American Laundry Machinery Co. (Mangles, Cylinder Washers, etc.), 42 Cortlandt, New York; 119 Franklin, Chicago, Ill., & Norwood, Cincinnati, O.
Antiaqua Co., 59 State, Albany, N. Y.
Arlington Machine Works (Mangles, etc.), Arlington Heights, Mass.
Barnes & Erb Co. (C. & C. Ironers, "Eclipse" Seam Dampeners, Reverse Body Ironers, etc.), 3336 Market, Phila., Pa.
Bishop, Geo. H. (C. & C. Strachers and Specialties), 59 W Washington, Chicago, Ill.
Boland & Gschwind Co., 1363 St. Thomas, New Orleans La.
Chicago Clothes Dryer Woks, Clothes Dryers, Steam, Hot Water or Gas), 346 Wabash av, Chicago, Ill., & 136 W 24th, New York
Cleveland Laundry Machinery Co., 124 Track, Cleveland, O.
Craw, J. W. Laundry Machinery Co., 123 Liberty, New York
Dawson, A. L. & Co., 29 W. Wash'n, Chicago, Ill.
Dewey, W. E., Rockford, Ill.
Economic Mfg. Co. ("Economic" Edgers, Starchers, etc.), East Orange, N. J.
Empire Laundry Machinery Co., 178 Purchase, Boston, Mass.
Grever, Kerhoff & Co. (Body Ironers), 59 Central av, Cleveland, O.
Hagen, A. T. Co. (Steam Mangles, etc.), Rochester, N. Y., & 26 S Clinton, Chicago, Ill.
Hansen, Jens (Shirt & Cuff & Collar Ironers, "Ideal" High Board Combined), 11 S Canal, Chicago, Ill.
Hendy, Joshua, Machine Works, 38 Fremont, San Francisco, Cal.
Henrici Laundry Machinery Co., Chelsea, Mass.
Hoyt Mfg. Co. (C. & C. & S. Ironers), 116 1st av, N, Minneapolis, Minn.
Kirby, J. W., 21 Park Row, New York.
Knudtson, T. L. Mach'y Mfg. Co. (Extractors, "Illini" Starchers, etc.), Chicago, Ill.
Lovewell-Henrici Co. (The "Henrici" Extractors, Dampening Presses, etc.), Chelsea, Mass.
Mahony Mfg. Co., Troy, N. Y.
Matcer, F. W. & Co. (Extractors, C. & C. Ironers, Cylinder Washers, etc.), Chicago, Ill.
Minenapolis Brass & Iron Mfg. Co., Minneapolis, Ind.
Nelson & Kreuter Co. ("Champion" C. & C. Ironers, Cylinder Washers, etc.), 44 S Clinton, Chicago, Ill.
New York Laundry Machinery Co. ("Annihilator" Mangles), 74 W Houston, N. Y.
Oakley & Keating, 673 Manhattan av, Brooklyn, N. Y.
Phillips, W. & Co. ("Jewell" C. & C. Ironers, etc.), Northville, Mich.
Poland Laundry Machinery Co., 41 Kemble, Boston, Mass.
Racine Mangle Co. (Cold Rolled Mangles), Racine, Wis.
Reed Mfg. Co. (Collar Shapers), Erie, Pa.
STEEL ROLL MACHINE CO., S S Canal, Chicago, Ill. (See adv. index, end of book)
Stone, C. F. Co., 46 S Clinton, Chicago, Ill.
Tolhurst, Wm. H. & Son, Troy, N. Y.
Troy Laundry Machinery Co., Ltd., Troy, N. Y.; 401 5th av, Chicago, Ill.; 33 Warren, New York, & 581 Mission, San Francisco, Cal.
U. S. Laundry Machinery & Supply Co., 408 E 2d, Cincinnati, O.
Warren Electric Mfg. Co., Sandusky, O.
Waters, Louis A. Laundry Supply Mfg. Co., 408 E 2d, Cincinnati, O.
Watkins Laundry Machinery Co. (C. & C. Ironers, "Hercules" Mangles, etc.), Alabama & Spring Grove av, Cincinnati, O.
Wilson Laundry Machinery Co. ("Hurry" Dryers, "F" C. & C. Ironers, etc.), Columbia, Pa.

Lead Pipe & Trap Machinery

Robertson, Jno. & Co. (also for Sheet Lead, etc.), 129 Water, Brooklyn, N. Y.

Leather Brushing Machines

Baker, G. W. & Co. (For Harness, Shoes, Russia & Shep Leather), Wilmington, Del.

Leather Calculating Machines

Baker, G. W. & Co., Wilmington, Del.

Leather Creasing Machines

Randall & Co., Cincinnati, O.

Leather Embossing Machines

Randall & Co., Cincinnati, O.

Leather Fleshing & Slating Machines

Baker, G. W. & Co. 'New National"), Wilmington, Del.

Leather Glazing Machines

Baker, G. W. & Co., Wilmington, Del.

Leather Measuring Machines

Baker, G. W. & Co. ("Sawyer's"), Wilmington, Del.

Leather Punching Machines

Randall & Co., Cincinnati, O.

Leather Riveting Machines

Sheehan Mfg. Co., Salem, O.

Leather Rolling & Stoning Machines

Baker, G. W. & Co., Wilmington, Del.

Leather Setting & Stoning-Out Machines

Baker, G. W. & Co. (Reversible Drum), Wilmington, Del.

Leather Shaving Machines

Baker, G. W. & Co., Wilmington, Del.

Leather Slitting & Finishing Machines

Randall & Co. (Power, Round Edge) Cincinnati, O.

Leather Splitting Machines

American Tool & Machine Co. (Belt Knife), 109 Beach, Boston, Mass.
Baker, G. W. & Co. ("Western Union"), Wilmington, Del.
Randall & Co., Cincinnati, O.

Leather Stacking Machines

Baker, G. W. & Co. ("Baker" & "Wilmington" Roller), Wilmington, Del.

Leather Stamping Machines

Baker, G. W. & Co. (For Hides, Skins & Leather), Wilmington, Del.

Leather Upper Machinery

Evans', Jno. Sons, 506 N 13th, Phila., Pa.

Leather Washing Machinery.

Freeman, J. T. & Co. (Wash Wheels), Woburn, N. Y.
Slocomb, F. F. & Co., Wilmington, Del.
Whitney Machine Co., Winchester, Mass.

Leather Whitening Machines

Baker, G. W. & Co. (For Splits & Harness Leather, etc.), Wilmington, Del.

Leather Working Machinery

(See Hide & Leather Working Machinery.)

Leveling Machines for Sheets

Poole, J. Morton Co., Wilmington, Del.

Lever Machines (Saw Mill)

Murray, D. J. Mfg. Co., Wausau, Wis.

Lidding Machines.

Girard Machine Works (Inc.), 2616 Girard av, Phila., Pa.

Linoleum & Floor Cloth Printing Machines

Moore & White Co., 15th & Lehigh av, Phila., Pa.

Linseed Oil Machinery

(See Cotton Oil Machinery.)

Lock Corner Box Machinery

Bentel & Margedant Co. (Single & Double End), Hamilton, O
Chase Turbine Mfg. Co. (Automatic Box Pressers), Orange, Mass
Ewart, Saml. F. (Automatic Cross-Cut Saws), Park bldg, Pittsburg, Pa
Fay, J. A. & Egan Co., Front & John, Cincinnati, O.
Morgan Machine Co., Rochester, N. Y.
Woods, S. A. Machine Co., 445 Dorchester av, Boston, Mass.

Log Hauling Machines

(See Log Hauls.)

Macaroni Machinery

Davenport Foundry & Machinery Co., Davenport, Iowa
Gunther Foundry Mach. & Supply Co., San Antonio, Tex.

Malt Cleaning & Polishing Machinery

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

Marble Mosaic Cutting Machines

Roussel, Chas. J., 524 W 50th, New York

Marble Moulding & Countersinking Machines

Olsen, Tinius & Co., 500 N 12th, Phila., Pa.
Riehle Bros. Testing Machine Co.. 1424 N 9th, Philadelphia, Pa., & 120 Liberty, N. Y.

Marble Oval Hole Cutting Machines

Holub & Dusha Co., 1801 1st av, New York

Marble Polishing Machines

(See Stone Polishing Machines.)

Marble Working Machinery

(See Stone Working Machinery, etc.)

Marking Machines

Dwight Slate Machine Co., Hartford, Conn.
Pratt & Whitney Co., Hartford, Conn.

Mashing Machines

Jochum, Andrew (Self Acting), 148 E 50th, New York
VILTER MFG. CO., 1046 Clinton, Milwaukee, Wis. (See adv. index, end of book)

Match Box Machinery

Reinhold Machine Co., Detroit, Mich.

Match Machinery

Amer. Match Machine Co., 29 B'way, N. Y.
Diamond Match Co., 56 Michigan av, Chicago, Ill., & Barberton, O.
Dietz Machine Works, 228 Cherry, Phila., Pa
Donnelly, Jos. C. (Half or Full Automatic), 427 N 13th, Philadelphia, Pa.
Herrick & Cowell, New Haven, Conn.
Match Machine Mfg. Co., Sprigfield, O.
Reinhold Machine Co., Detroit, Mich.

Matting Weaving Machines

Crompton-Knowles Loom Works (For Japanese Matting), Worcester, Mass.

Measuring Machines

Goodspeed Machine Co., Winchendon, Mass.
Rogers, Jno. M. Boat, Gauge & Drill Works (For Tool Room, Etc.), Gloucester City, N. J.
Syracuse Twist Drill Co., Syracuse, N. Y.

Metal Beading Machines

(See Crimping & Beading Machines.)

Metal Boring Machines

(See also Machine Tools; also Mills, Boring & Turning.)

American Tool Works Co., Cincinnati, O.
Baker Bros., Toledo, O.
Baush Machine Tool Co., Springfield, Mass.
Beaman & Smith Co., Providence, R. I.
Betts Machine Co., Wilmington, Del.
Bickford Drill & Tool Co., c Front & Pike, Cincinnati, O.
Blaisdell, P. & Co., Worcester, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Draper Machine Tool Co., Worcester, Mass.
Fitchburg Machine Works, Fitchburg, Mass.
Fox Machine Co., 127 W Front, Grand Rapids, Mich.
Garvin Machine Co., 137 Varick, New York
Harrington, E. Son & Co. (Inc.), 1515 Penn, Phila., Pa.
Heartley Machine Variety Iron & Tool Works, Henley, M. C., Richmond, Ind. Toledo, O.
Lucas Machine Tool Co., Robinson av, Cleveland, O.
MANNING, MAXWELL & MOORE, S5, 87 & 89 Liberty, New York, N. Y.; 22, 24 26 S Canal, Chicago; Park bldg, Pittsburg, Pa.; Williamson blk, Cleveland, O.; 728 Arch, Phila., Pa.; 305 Frisco bldg, St. Louis, Mo., & 126 Oliver, Boston, Mass. (See adv. index, end of book)
Meadville Vise Co. (The Barnett Cylinder), Meadville, Pa.
Moline Tool Co. (Gang Bores), Moline, Ill.
New Haven Mfg. Co., New Haven, Conn.
Newton Machine Tool Works (Inc.), 2343 Vine, Philadelphia, Pa.
Niles-Bement-Pond Co. (Cylinder, Crank, Chord. Portable, Horizontal & Vertical), 136 Liberty, New York Works: Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
PEDRICK & AYER CO., S5, S7, S9 Liberty, New York, N. Y. Works, Plainfield, N. J.
Pratt & Whitney Co., Hartford, Conn.
Prentice Bros. Co., Worcester, Mass.
Putnam Machine Co., Fitchburg, Mass.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Philadelphia, Pa.
Stow Flexible Shaft Co., 26th & Buttonwood, Philadelphia, Pa.
Stow Mfg. Co., Binghamton, N. Y.
Warner & Swasey Co., 73 E Prospect, Cleveland, O.

Metal Boring Machines, Horizontal

(See Boring & Drilling Machines.)

Metal Boring Machines, Vertical

American Tool Works Co., 6th & Eggleston av, Cincinnati, O.
Betts Machine Co., Wilmington, Del.
Bickford, H., Lakeport, N. H.
Bullard Machine Tool Co., Bridgeport, Conn.
Cornell, J. B. & J. M. Co., 26th & 11th av. New York
Niles-Bement-Pond Co., 136 Liberty, New York Works: Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Prentice Bros. Co., Worcester, Mass.

Metal Cutting-Off Machines

Baker-Resek Co., Cleveland, O.
Billings & Spencer Co. (Cold), Hartford, Conn.
Brown & Sharpe Mfg. Co., Providence, R. I.
Cleveland Punch & Shear Works Co. (Cold), 156 Case av, Cleveland, O.
Davenport-McCullough Mfg. Co., Blissfield, Mich.
Davis, W. P. Machine Co. (Cold), Rochester, N. Y.
Dwight Slate Machine Co., Hartford, Conn.
Fitchburg Machine Works, Fitchburg, Mass.
Ham, L. M. & Co. (Cold), 152 Portland, Boston, Mass.
Hurlbut-Rogers Machine Co. (Cold), South Sudbury, Mass.
Johnson, Prentice Co., Worcester, Mass.
Newton Machine Tool Works (Inc.), 2343 Vine, Phila., Pa.
Niles-Bement-Pond Co., 136 Liberty, New York. Works: Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Pels, Henry & Co., 68 Broad, New York
Putnam Machine Co. (Cold), Fitchburg, Mass.
Railway Appliances Co. ("Q. & C."), Old Colony bldg, Chicago
Western Mfg. Co., Springfield, O.

Metal Sawing Machines

(See also Hot Sawing Machines.)

Baker-Resek Co. ("B. & C." Cold Saws), 261 Quincy, Cleveland, O.
Bethlehem Foundry & Mach. Co., South Bethlehem, Pa.
Burr, Jno. & Sons (Cold Saws), 385 Kent av, Brooklyn, N. Y.
Cleveland Punch & Shear Works Co. (Cold), 156 Case av, Cleveland, O.
Cochrane-Bly Machine Works (Cold), Rochester, N. Y.
Diamond Drill & Machine Co. ("Wagner" Cold Sawing), Birdsboro, Pa.
Espen-Lucas Machine Works (Cold), Broad & Noble, Phila., Pa.
Ham, L. M. & Co. (Cold), 152 Portland, Boston, Mass.
Higley Sawing & Drilling Machine Co. (Cold), 8 Dey, N. Y.
Huther Bros., 229 Mill, Rochester, N. Y
Johnson, Israel H., Jr., Co., 1424 Callowhill, Philadelphia, Pa.
Kelley-Maus & Co. ("Morgan" Hand Power), 184 Lake, Chicago, Ill.
Keystone Machine Tool Works (Cold), Ridge av & Hamilton, Phila., Pa.
Newton Machine Tool Co. (Cold), 2343 Vine, Phila., Pa.
Niles-Bement-Pond Co. (Cold), 136 Liberty, N. Y. Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Nutter, Barnes & Co., 366 Atlantic av, Boston, Mass.
Pratt & Whitney Co. (Cold), Hartford, Conn.
Railway Appliances Co. ("Q. & C."), Old Colony bldg, Chicago, Ill.
Resek Machine Tool Co. ("B. & C."), Cleveland, O.
Scaife Foundry & Machinery Co. (Cold), 28th & Smallman, Pittsburg, Pa.
Tabor Mfg. Co., Phila., Pa.
Tindel-Morris Co. (High Duty Cold Saws), Eddystone, Pa., & 136 Liberty, New York

Metal Wheel Machinery

Heartley Machine Variety Iron & Tool Works (Metal Wheel Tools of all descriptions), Toledo, O.

Milk Condensing Machinery

Rogers, C. T. (and Factory Construction), 1440 Grand River av, Detroit, Mich.

Milling Machines

(See also Machine Tools.)

Adams Co. ("The Farewell Horizontal"), Dubuque, Ia.; 120 B'way, New York, & Empire bldg, Pittsburg, Pa.
American Tool Works Co., 6th & Eggleston av, Cincinnati, O.
Aurora Tool Works (Plain & Universal), Aurora, Ind.
Beaman & Smith Co. (Horizontal), Providence, R. I.

Baird Portable Machine Co., Topeka, Kans.
Becker-Brainard Milling Machine Co. (Horizontal, Plain, Vertical & Universal), Hyde Park, Mass.
Blake & Johnson (Vertical), Waterbury, Conn.
Brown & Sharpe Mfg. Co. (Universal, Plain, Hand & Vertical Spindle), Providence, R. I.
Burr, Jno. T. & Sons (Slab Miller), 385 Kent av, Brooklyn, N. Y.
Carter & Hakes Machine Co., Winsted, Conn.
Cleveland Machine Screw Co (Worm, etc.), Cleveland, O.
Cincinnati Milling Machine Co. (Plain & Universal), Cincinnati, O.
Clough, R. M. (Vertical), Tolland, Conn.
Cook, Asa S. Co. (the Colt & Cook), Hartford, Conn.
Dwight Slate Machine Co. (Plain), Hartford, Conn.
Fales & Jenks Machine Co., Pawtucket, R. I.
Fay & Scott, Dexter, Me.
Fox Machine Co. (Vertical, Hand, Light, etc.), 127 N Front, Grand Rapids, Mich.
Garvin Machine Co. (Universal, Plain, Vertical, Hand, Duplex, Double Face & Traverse Heads), 137 Varick, New York
Gould & Eberhardt (Horizontal, etc.), Newark, N. J.
Griswold, Geo. M., 35 Union, New Haven, Conn.
Hartford Machine Screw Co. (Small Bench), Hartford, Conn.
Hendey Machine Co. (Horizontal, Plain & Universal, Etc.), Torrington, Conn.
Hess Machine Co. ("Hess" Slab), Penna bldg, Phila., Pa.
Hibbard, Wm. H. (Vertical), 79 Wash'n, Brooklyn, N. Y.
Hilles & Jones Co., Wilmington, Del.
Horton, Jas. A., Greenfield, Mass.
Ingersoll Milling Machine Co. (Heavy, Horizontal or Vertical Spindle). Rockford, Ill.
James & Foote (Universal), 60 Canal, Chicago, Ill.
Kearney & Trecker. West Allis. Milwaukee, Wis.
Kempsmith Mfg. Co. (Plain, Universal & Lincoln Pattern), Linus & Woodward, Milwaukee, Wis.
Keystone Machine Tool Works (Plain Slab "Milers"), 1037 Ridge av, Phila., Pa.
Le Blond, R. K. Machine Tool Co. (Plain & Universal), 4609 Easton av, Cincinnati, O.
Lucas Machine Tool Co., Robinson av, Cleveland, O.
McCabe, J. J. (Plain & Universal), 14 Dey, New York
Mitts & Merrill (Keyseat), Saginaw, Mich.
Newton Machine Tool Works (Horizontal, Vertical & Universal), 2347 Vine, Phila., Pa.
Niles-Bement-Pond Co. (Horizontal, Plain, Vertical & Universal), 136 Liberty, New York. Works, Hamilton, O.; Phila., Pa.. & Plainfield, N. J.
Oesterlein Machine Co. (Plain & Universal), Elam & Garrard av. Cincinnati. O.
Owen Machine Tool Co. (Plain, Vertical & Universal), Springfield, O.
PEDRICK & AYER CO., 85, 87, 89 Liberty, New York. N. Y. Works, Plainfield, N. J. (See adv. index, end of book)
Pratt & Whitney Co. (Horizontal & Vertical), Hartford, Conn.
Putnam Machine Co.. Fitchburg, Mass.
Quint, A. D., 31 Wells, Hartford, Conn.
Sellers, Wm. & Co. (Inc.). 1600 Hamilton, Philadelphia, Pa.
SHUSTER, F. B. CO. (Double Head & Double End), New Haven, Conn. (See adv. index. end of book)
Sloan & Chace Mfg. Co. (Ltd.). Newark. N. J. adv. index. end of book)
STRONG, CARLISLE & HAMMOND CO., 61 Frankfort, Cleveleand, O. (See adv. index, end of book)
Sutton. C. E. Co., Toledo, O.
Thurston Mfg. Co. (Jewelers), Providence, R. I.
Tindel-Morris Co. (Double Head Crank, etc.). Eddystone, Pa.
Underwood, H. B. & Co. (Portable), 1025 Hamilton. Phila., Pa.
Waltham Watch Tool Co. (Van Norman Duplex Universal), Springfield, Mass.
Warner & Swasey (Valve), 57 E Prospect, Cleveland, O.
Whitney Mfg. Co. (Plain), Hartford. Conn.
Wickes Bros. (Heavy), Saginaw, Mich.

Milling Machines (Hand)

Ames Foundries, Chicopee, Mass.
Faneuil Watch Tool Co. (Bench), Boston, Mass.
Fox Machine Co. (Vertical), Grand Rapids, Mich.
Morton Mfg. Co., Muskegon, Mich.
Whitney Mfg. Co. (Bench), Hartford, Conn.

Mining Machinery

(See also Coal Mining Machinery.)

Albany Iron Works, Albany, Oregon
Allentown Rolling Mills, Allentown, Pa.
Allis-Chalmers Co., New York Life bldg, Chicago, Ill., & 71 B'way, New York. Works, Chicago, Scranton, Pa., & Milwaukee, Wis.
American Concentrator Co., Joplin, Mo.
Arizona & Sonora Mfg. Co., Nogales, Arizona
Ashland Iron Works, Ashland, Oregon
Aurora Foundry & Machine Works (Complete Line), Aurora, Mo.
Austin Mfg. Co., Manhattan bldg, Chicago, Ill.; Works, Harvey, Ill.
Bacon, Earle C., Havemeyer bldg, New York
Blue Mountain Iron Works, Baker City, Oregon
Bowes, F. K. & Co., Fisher bldg, Chicago
BRADLEY PULVERIZER CO. (The Griffin Mill), 92 State, Boston, & 120 Liberty, New York
Brown-Corliss Engine Co., Corliss, Wis.
Cartereville Foundry & Machine Works, Carterville, Mo.
CHICAGO TOOL & SUPPLY CO., 356 Dearborn, Chicago, Ill. (See adv. index, end of book)
Colorado Iron Works Co., 33d & Wynkoop, Denver, Colo.
Columbia Engineering Works, Portland, Oreg.
Crescent Iron Works, Springfield, Mo.
Currier, Cyrus & Sons, Newark, N. J.
Curry & Vannan, Danville, Pa.
Danville Foundry & Machine Co., Danville, Ill.
Davis, F. M. Iron Works Co., 8th & Larimer, Denver, Colo.
Denver Engineering Works Co. (Electric, etc.). Blake c 30th, Denver, Col.
Du Bois Iron Works, Du Bois, Pa.
Erie City Iron Works, Erie, Pa.
Escanaba Iron Works, Escanaba. Mich.
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av. Kansas City, Mo.; 234 E 3rd, St. Paul, 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S W Temple, Salt Lake City; 133 Liberty, New York; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Farrell Foundry & Machine Co., Ansonia, Conn.
Finch Mfg. Co., Scranton, Pa.
Freeman, J. W. Foundry & Machine Works, Joplin, Mo.
Fritsch, Arthur Foundry & Machine Co. (Jigs. Classifiers, Tables, Rolls, Crushers, Slag Pots, etc.). St. Louis, Mo.
Fulton Engine Works. Los Angeles. Cal.
Galena Iron Works Co., Galena, Ill.
Gardiner, Worthen & Goss Co., Tucson, Ariz.
Globe Iron Works (Inc.), Stockton, Cal.
Gold Pan Engineering & Mine Supply Co. Breckenridge, Colo.
Golden State & Miners Iron Works, San Francisco, Cal.
Goodman Mfg. Co. (Electric). 48th pl & Halsted. Chicago. Ill.
Great Lakes Engineering Works, Detroit, Mich.
Hamilton. Wm. Mfg. Co.. Peterboro, Ont., Can.
Hammond Mfg. Co.. Portland, Ore.
Harde-Tynes Foundry & Machine Co.. Birmingham, Ala.
Hardy, J. B., Tacoma, Wash.
Harron, Rickard & McCone (Inc.), San Francisco, Cal
Heintz, A. R. & Co.. Portland. Ore.
Hendrie & Bolthoff Mfg. & Supply Co., 1625 17th. Denver, Col
Hendy, Joshua Machine Works, San Francisco Cal.
Henshaw-Bulkley & Co., San Francisco, Cal.
Herzler & Henninger. Belleville. Ill.
Holthoff Machinery Co.. Cudahy. Wis.
INGERSOLL-SERGEANT DRILL CO., The, 26 Cortlandt, New York. Offices. Old Colony bldg, Chicago, Ill.; Williamson bldg. Cleveland, O.: Arcade bldg. Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston. Mass.; Fullerton bldg. St. Louis, Mo.: 1718 California, Denver, Colo.; 21 Fremont. San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.: 224 S. W. Temple. Salt Lake City, Utah; 300 Main, Butte, Mont.: 4th & Wacouta, St. Paul, Minn.; 310 1st av, Seattle, Wash.; Corestine bldg. Montreal, Canada; Mexico City, Calle 2a de Dolores No. 20, Mexico, D. F.; London, Eng., 114a Queen Victoria st; Paris, France, 51 Rue de la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence st, Kalgoorlis, burg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co.; Lima, Peru, W. R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv. index, end of book)
Jackson, Byron Machine Works, 411 Market
Jackson & Church Co. (Coal, etc.), Saginaw, Mich.
JEFFREY MFG. CO. (Coal, etc.), Columbus, O.; 41 Dey, N. Y., & Equitable bldg, Denver, Colo. (See adv. index, end of book)
Krogh Mfg. Co., San Francisco, Cal.
Lake Shore Engine Works (Coal, etc.), Marquette, Mich.
Lake Side Iron Works Co. (Coal, etc.), Marquette, Mich.
LESCHEN, A. & SONS ROPE CO., 920 N 1st, St. Louis, Mo.; 137 Lake, Chicago; 163 Wash'n, New York, & 1717-23 Arapahoe, Denver, Colo. (Se adv. index, end of book)
Leyner, J. Geo. Engineering Works Co., Denver, Colo.
Link Belt Machinery Co., 39th & Stewart av, Chicago, Ill.
Llewellyn Iron Works, Los Angeles, Cal.
Marine Iron Co., Bay City, Mich.
Marinette Iron Works Mfg. Co., Marinette, Wis.
Marshutz & Cantrell, Main & Howard, San Francisco, Cal.
Mecklenburg Iron Works (Gold, etc.), Charlotte, N. C.
Mine & Smelter Supply Co., Denver, Colo.; 139 Liberty, New York; El Paso, Tex., & Salt Lake City, Utah
Montgomery, J. H. Machinery Co. (New & Second Hand), 1220 Curtis, Denver, Colo.
Morgan-Gardner Electric Co. (Coal, etc.), 2640 Shields av, Chicago
Morris County Machine & Iron Co., Dover, N. J.
Mullen, John & Son (Coal, etc.), Shamokin, Pa.
National Iron Works, Spokane, Wash.
Newkirk, H. A. & Co., Monadnock bldg, Chicago, Ill.
Northwestern Iron Works, Seattle, Wash.
Ottumwa Iron Works (Coal, Gold & Silver), Ottumwa, Iowa
Pass City Foundry & Machine Co., El Paso, Tex.
Phoenix Iron Works, Portland, Ore.
Portage Lake Foundry & Machine Co., Hancock, Mich.
Portland Iron Works, Portland, Ore.
Prescott, D. Clint Co.. Menominee. Mich.
Prescott Supply Co., Marinette, Wis.
Prox & Brinkman Mfg. Co., Terra Haute, Ind.
Puget Sound Iron & Steel Works, Tacoma, Wash.
RAND DRILL CO., 128 B'way, New York, & Monadnock blk, Chicago. (See adv. index, end of book)
Raymond Bros. Impact Pulverizer Co., 143 Laflin, Chicago, Ill.
Risdon Iron & Locomotive Works, Steuart & Folsom, San Francisco, Cal.
Riverside Iron Works Co., Kansas City, Kan.
S. H. Supply Co., 22d & Larimer, Denver, Colo.
Salt Lake Engineering Works, Salt Lake City, Utah
Silver Bow Foundry & Machine Co., Butte, Mont.
Silver Bros. Iron Works Co., Salt Lake City, Utah
Snyder, Fred'k T. & Co. (Complete Plants), 324 Dearborn, Chicago
Sound Iron Works, Everett, Wash.
Stroh, W. H. (Est. of) (Coal, etc.), Mauch Chunk, Pa.
Strothman Iron Co., W Superior, Wis.
STROUD, E. H. & CO., 36 La Salle, Chicago, Ill.
STURTEVANT MILL CO., Clayton c Park. Dor.. Boston. Mass.
SULLIVAN MACHINERY CO., 7 Jackson boul, Chicago, Ill. (See adv. index, end of book)
Tamaqua Mfg. Co.. Tamaqua, Pa.
Union Foundry & Machine Co., 224 W Carson, Pittsburg, Pa.
Union Iron Works (Gold, Silver, etc.). 222 Market, San Francisco, Cal.
Union Iron Works (Inc.), Spokane. Wash.
Urie Boiler & Machine Co., 607 W 5th, Kansas City, Mo.
Vulcan Iron Works, San Francisco. Cal.
Vulcan Iron Works Co., Seattle, Wash.

Vulcan Iron Works, Wilkesbarre, Pa.
Wellman-Seaver-Morgan Co. (All Kinds), Cleveland, O., & Akron, O.
Whitcomb, Geo. D. & Co., 86 Ohio, Chicago
Willamette Iron & Steel Works, Portland, Oregon

Mining Machinery, Electric

(See Coal Mining Machinery, Electric.)

Mining Machines

(See Coal Cutting Machines.)

Mitreing Machines

Beach, H. W., Montrose, Pa.
Bentel & Margedant Co. (Spoke), Hamilton, O.
Brandon Machine Co. (Metreing) Machine & Vise Combined), Akron, O.
Chandler & Price Co. (For Printers' Brass or Metal Rule, etc.), Cleveland, O.
Fay, J. A. & Egan Co., cor Front & John, Cincinnati, O.
Fox Machine Co., 127 W Front, Grand Rapids, Mich.
Hoe, R. & Co., 504 Grand, N. Y.
Marsh, H. C., Rockford, Ill.
Power, L. & Co. (Mitre Saws), 20 S 23d, Phila., Pa.
Seymour & Whitlock (Foot & Hand Power), Newark, N. J.
Smith, H. B. Machine Co., Smithville, N. J., & 121 Liberty, N. Y.
Spilker, B. J. Mfg. Co., Cincinnati, O.
Walter's, Wm. P. Sons (and Vise Combined), 1233 Market, Phila., Pa.
Wesel, F. Mfg. Co., 82 Fulton, N. Y.

Mixing Machinery

(See Concrete & Mortar Mixers; also Paint Grinding & Mixing Machinery.)

Molding Machines (Foundry)

Adams Company ("The Farwell Universal Automatic & Multiple"), Dubuque, Iowa
Brass Founders' Supply Co. (For Brass Founders, etc.), Newark, N. J.
Bryant, O. Sons & Co., 1453 Niagara, Buffalo, N. Y.
Eddy, R. M. Foundry Co., 59 Indiana, Chicago, Ill.
Etting, Edw. J., Land Titie bldg. Phila., Pa., & 39 Cortlandt, New York
Gordon, F. C., Conneaut, O.
Heiman, Chas. & Sons, Allegheny, Pa.
Herman, Chas. & Son ("Herman" Jarring), Sharpsburg, Pa.
Lombard, E. K. ("Reid & Eddy"), Worcester, Mass.
Maywood Foundry & Machine Co., Tribune bldg, Chicago
McCormick, J. S. Co. (The "Herman" Automatic), 25th & A. V. Ry., Pittsburg, Pa.
Norcross Molding Machine Co., Terra Haute, Ind.
OBERMAYER, S. CO., 647 Evans, Cincinnati, O.; 18th & Rockwell, Chicago; Pittsburg, St. Louis, Detroit, Denver, Phila., & San Francisco. (See adv. index, end of book)
PAXSON, J. W. & CO., 1021 Delaware av., Phila., Pa. (See adv. index, end of book)
Pridmore, Henry E., 918 S Rockwell, Chicago
Racine Hardware Co., Racine, Wis.
Reynolds & Co., New Haven, Conn.
SMITH, J. D., FOUNDRY SUPPLY Co., 40 S Water, Cleveland, O., & 2143 Central av, Cincinnati, O. (See adv. index, end of book)
Syracuse Malleable Iron Works ("Burns Economic & Blake Roll-Over"), Syracuse, N. Y.
Taber Mfg. Co., 1742 Hamilton, Phila., Pa.

Molding Sander Machines

Austin & Eddy, 117 Broad, Boston, Mass.
Yerkes & Finan Wood Working Machine Co., St. Louis, Mo.

Monitor Machines

Pratt & Whitney Co. (Made Only to Order), Hartford, Conn.

Mortar Mixing Machinery

(See Concrete & Mortar Mixers.)

Mosaic Machinery

Patch, F. R. Mfg. Co. (For Cutting Mosaic Blocks), Rutland, Vt.

Mosaic & Tile Floor Polishing Machines

Patch, F. R. Mfg. Co., Rutland, Vt.

Muscle Testing & Lifting Machines

Rosenfield Mfg. Co., 585 Hudson, New York

Musical String Machinery

Leffler, Chas. & Co., 63 Clymer, Brookiyn, N. Y.

Nail Mill Machinery

Bates Machine Co. (Wire), Joliet, Ill.
Blake & Johnson (Wire), Waterbury, Conn.
Hogg, Geo. A. Iron & Steel Foundry Co., 24th & R. R., Pittsburg, Pa.
Kesty, Chas. C., Sunbury, Pa.
Kilby Mfg. Co. (Wire, etc.), Cleveland, O.
Kimball Bros. & Sprague (Cut Wire & Shoe), Brockton, Mass.
Miller's, H. J. Sons (Wire), Bridgewater, Mass.
National Machinery Co. (Wire), Tiffin, O.
Perkins, Henry Co. (Wire), Bridgewater, Mass.
Pittsburg Mfg. Co. (Cut), Pittsburg, Pa.
Sweetser, Wm. A. (Cut Wire & Shoe), Brockton, Mass.

Nail Pulling Machines

(See Pullers, Nail.)

Nailing Machines

(See Box Nailing Machines; also Hoop Nailing Machines.)

Name Plate Embossing Machines

Roovers Mfg. Co., 10 W 23d, New York
Simplex Mfg. Co., 11 E 14th, New York

Neck Yoke Machinery

Defiance Machine Works, Defiance, O.

Needle Forming Machines

SHUSTER, F. B. CO. (Lingoe & Jacquard, Automatic), New Haven, Conn. (See adv. index, end of book)

Notching Machines

American Can Co., Merchants' Loan & Trust bldg, Chicago, Ill., & 11 B'way, New York
Bliss, E. W. Co. (Armature Disk, etc.), 19 Adams, Brooklyn, N. Y.
Leffler, Chas. A. & Co. (also Bench Notching Machinery for Pieced Tin Ware, Can, Boxes, etc.), 63 Clymer, Brooklyn, N. Y.
Long & Allstatter Co. (Disc Armature with Turret Tools), Hamilton, O.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. (See adv. index, end of book)
Peck, Stow & Wilcox Co., Southington, Conn., & 27 Murray, N. Y.
West Mfg. Co., 374 7th, Buffalo, N. Y.

Novelty Rug Machines

Ross, E. & Co., Toledo, O.

Numbering Machines(Automatic)

Bates Machine Co., 346 B'way, N. Y.
Bates Mfg. Co., 83 Chambers, N. Y.
Butler, A. G., 284 Pearl, N. Y.
Haynes & Co., 81 N Main, Providence, R. I.
Smith, R. H. Mfg. Co., 293 Main, Springfield, Mass.
Stafford, N. Co., 66 Fulton, N. Y.

Numbering & Paging Machines

Latham Machinery Co., 199 S Canal, Chicago
Sheridan, T. W. & C. B. Co., 56 Duane, New York, & 413 Dearborn, Chicago, Ill.

Nut Blanking Machines

Garland Nut & Rivet Co., Frick bldg, Pittsburg, Pa. Works, West Pittsburg, Pa.
National Machinery Co., Tiffin, O.
Waterbury Farrell Foundry & Machine Co., Waterbury, Conn.

Nut Boxing Machines

Silver Mfg. Co., Salem, O.

Nut Facing Machines

Acme Machinery Co., Cleveland, O.
Detrick & Harvey Machine Co., 508 E Preston, Baltimore, Md.
National Machinery Co., Tiffin, O.
Newton Machine Tool Works (Inc.), 2343 Vine, Phila., Pa.
Niles-Bement-Pond Co., Main Office, 136 Liberty, N. Y. Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.

Nut Finishing Machines

Acme Machinery Co., Cleveland, O.
Garland Nut & Rivet Co., Frick bldg, Pittsburg, Pa. Works, West Pittsburg, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.

Nut Machinery

(See Bolt & Nut Machinery.)

Nut Machines (Hot Pressed)

Acme Machinery Co. (Automatic), Cleveland, Ohio
Ajax Mfg. Co. (Automatic), Cleveland, O.

Nut Milling Machines

National Machinery Co., Tiffin, O.
Newton Machine Tool Works Co. (Inc.), 2343 Vine, Phila., Pa.

Nut Tapping Machines

Acme Machinery Co. (Automatic), Cleveland Ohio
Brooks, Chas. J., 27 Artizan, New Haven, Conn.

Detrick & Harvey Machine Co., 508 E Preston, Baltimore, Md.
Eilers, H. P. Mfg. Co., 26 S Water, Cleveland, O.
Garland Nut & Rivet Co., Frick bldg, Pittsburg, Pa. Works, West Pittsburg, Pa.
HOWARD IRON WORKS, Buffalo, N. Y., & 126 Liberty, N. Y. (See adv. index, end of book)
Landis Machine Co., Waynesboro, Pa.
National Machinery Co., Tiffin, O.
Niles-Bement-Pond Co., 136 Liberty, N. Y. Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Norwalk Mfg. Co., Norwalk, O.
Pawtucket Mfg. Co. (2, 3, 4, 6 & 9 Spindles), Pawtucket, R. I.
Putnam Machine Co., Fitchburg, Mass.
Reliance Machine & Tool Co., 31 W Center, Cleveland, O.
St. Louis Machine Tool Co., 1114 S 8th st, St. Louis, Mo.
Webster & Perks Tool Co., Springfield, O.

Oat Meal Machinery

BARTLETT, C. O. & SNOW CO., French nr Columbus, Cleveland, O. (See adv. index, end of book)
Invincible Grain Cleaner Co. (Cleaning, Grading & Packing), Silver Creek, N. Y.
Willamette Iron & Steel Works, Portland, Oregon

Oats & Rice Clipping Machines

Huntley Mfg. Co. ("Monitor" Dustless), Silver Creek, N. Y.

Oil Cloth Machinery

Cnrrier, Cyrus & Sons, Newark, N. J.
Waldron, Jno. Co., New Brunswick, N. J.

Oil Mill Machinery

Bushnell, G. H. Press Co., Thompsonville, Conn.
Chickasaw Iron Works, Memphis, Tenn.
Hardie-Tynes Foundry & Mach. Co., Birmingham, Ala.
Lombard Iron Works & Supply Co., Augusta, Ga.
Platt Iron Works Co. (Cotton, Linseed, etc.), Dayton, O., & 93 Liberty, New York
Thornburgh, H. L. & Co., 245 S Jefferson, Chicago, Ill.

Oil Testing Machines

(See Testing Machines, Oil.)

Oil Well Machinery

(See Well Drilling Machinery.)

Ore Handling Machinery

BROWN HOISTING MACHINERY CO., Cleveland, O., & 26 Cortlandt, New York. (See adv. index, end of book)
Hoover & Mason, 9 Jackson boul, Chicago, Ill.
McMyler Mfg. Co., Cleveland, O.
Wellman-Seaver-Morgan Co., Cleveland, O., & Akron, O.

Ore Washing Machinery

Comstock, Geo. S., Mechanicsburg, Pa.
McLanahan Stone Machine Co., Hollidaysburg, Pa.
Mine & Smelter Supply Co., Denver, Col.; Salt Lake City, Utah; 139 Liberty, New York, & El Paso, Tex.
Scaife Foundry & Machine Co., Pittsburg, Pa.
Tamaqua Mfg. Co., Tamaqua, Pa.

Oyster Machinery (Canners')

SPRAGUE CANNING MACHINERY Co., 42 River, Chicago, Ill. (See adv. index, end of book)

Package Filling Machines

SPRAGUE CANNING MACHINERY Co., 42 River, Chicago, Ill. (See adv. index, end of book)

Package Handling Machinery (Dept Store)

Link Belt Engineering Co., Nicetown, Phila., Pa.; 49 Dey, N. Y., & Park bldg, Pittsburg, Pa.

Packing House Machinery

Brecht, Gus V. Butchers' Supply Co., 1201 Cass av, St. Louis, Mo.
Joslin, Schmidt & Co. (For Working up Waste Products), Cincinnati, O.
Murray Iron Works Co. (Choppers, Stuffers, Mixers, Rockers, Presses, etc.), Burlington, Iowa
Perrin, Wm. P. & Co., 46th & Loomis, Chicago, Ill.
Riverside Iron Works Co., Kansas City, Kas.

Packing Machines

(See also Bagging Machines.)

Barnard & Leas Mfg. Co. (Flour, etc.), Moline, Ill.
Girard Machine Works (Inc.), 2616 Girard av., Phila., Pa.
Howes, S. Co. (Cement), Silver Creek, N. Y.
Huntley Mfg. Co. ("Monitor" for Flour, Bran, etc.), Silver Creeek, N. Y.
Invincible Grain Cleaner Co., Silver Creek, N. Y.
Nordyke & Marmon Co. (Flour, etc.), 1101 W Morris, Indianapolis, Ind.
Ross, Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.

Pail Handle Machines

Kline, Lewis T., Alpena, Mich.

Pail Machinery

(See Tub & Pail Machinery.)

Paint Grinding & Mixing Machinery

See also Mills, Grinding.
Also Machinery, Pulverizing.

Acton, Jno., 116 John, B'klyn, N. Y.
BARTLETT, C. O. & SNOW CO., Cleveland, O. (See adv. index, end of book)
Berrill's, J. A. Sons, Waterville, N. Y.
Campbell, P. F., 55 Laurel, Phila., Pa.
Day, J. H. Co., 1146 Harrison av, Cincinnati, O. & 76 Park pl, New York
Holmes & Blanchard Co., 39 Washington, N, Boston, Mass.
Houchin & Huber, 35 53d, Brooklyn, N. Y.
Kaestner & Co. (Inc.), 245 S Jefferson, Chicago, Ill.
Kent Machine Wks., 250 Plymouth, B'klyn, N.Y.
Nebel, M. A., 72 Grand av, Brooklyn, N. Y.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Raymond Bros. Impact Pulverizer Co., 143 Laflin, Chicago, Ill.
Ross, Chas. & Sons Co., 148 Classon av, Brooklyn, N. Y.
Sprout, Waldron & Co., Muncy, Pa.
STROUD, E. H. & CO., 36 La Salle, Chicago, Ill.

Paint Roll Machines

Keene, Geo. C. & Co., 2327 Florence, Cincinnati, O.
Robinson, J. M. Mfg. Co., 2d & Central av, Cincinnati, O.

Paint Spraying Machines

Acorn Brass Mfg. Co., 51 N Peoria, Chicago Ill., & St. Louis, Mo
CHICAGO PNEUMATIC TOOL CO (Pnenmatic), Fisher bldg, Chicago, Ill.. 95 Liberty, New York. (See adv. index end of book
CHICAGO TOOL & SUPPLY CO (Pneumatic), 356 Dearborn, Chicago, Ill (See adv. index, end of book
Cleveland Pneumatic Tool Co. (Pneumatic) Cleveland, O
Hook-Hardie Co. (Pneumatic), Hudson, Mich
Humphreys Mfg. Co. (Pneumatic), Mansfield, O
MacLeod, Walter & Co. ("Buckeye"), 463 Front, Cincinnati O
Muralo Co. ("Cyclo"), New Brighton, Borough of Richmond, N. Y
Star Brass Works ("Binks"), 152 E Lake Chicago, Ill
Wallace Supply Co., 56 5th av, Chicago, Ill., 26 Cortlandt, New York
Water Paint Co. of America, 11 Pine, New York

Pamphlet Stitching Machines

Brown, R. H. & Co., New Haven, Conn.

Pan Forming Machines

NIAGARA MACHINE & TOOL WKS Buffalo, N. Y. (See adv. index, end of book

Panel Raising Machines

Andrew, M. L. & Co., 118 W 2d, Cincinnati,
Atlantic Works (Inc.), 23d & Arch, Phila., P
Bentel & Margedant Co., Hamilton, O.
Cordesman, Meyer & Co., 53 Central av, Cincinnati,
Fay, J. A. & Egan Co., cor Front & John Cincinnati,
Greenlee Bros. & Co., 227 W 12th, Chicago
Heath, W. A., Machine Co., Lestershire, N. Y.
Power, L. & Co., 20 S 23d, Phila., Pa.
Smith, H. B. Machine Co., Smithville, N. J., 121 Liberty, New York
Yerkes & Finan Woodworking Machine Co., Louis, M

Pantagraph Machines

Hope, John & Sons Engraving & Mfg. Co Providence, R.

Paper Bag Machinery

South Bend Machine Co., South Bend, Ind.

Paper Box Covering Machine

Hobbs Mfg. Co., Worcester, Mass.

Paper Box Machinery

American Box Machine Co., Amsterdam, N. Y
Blessing, Louis, Jackson, Mich.
Grammes, L. F. & Sons, Allentown, Pa.
Griswold, Geo. M., 35 Union, New Haven, Co
Herrick & Cowell, New Haven, Conn.
Hobbs Mfg. Co., Worcester, Mass.
Inman Mfg. Co., Amsterdam, N. Y.
Kingsbury & Davis Machie Co., 102 Pea Boston, Mass. Works, Contoocook, N.
Knowlton, M. D. Co., 29 Elizabeth, Rochest N.
Leffler, Chas. & Co. (Metal Edge), 63 Clym Brooklyn, N.
Lynn Box Machine Co., 76 Sagamore, Ly Ma
Marshall, Son & Co., 226 Purchase, Bost Ma
Metcalf, J. C. Paper Box Machinery Co., Pearl, Boston, Ma
National Metal Edge Box Co., 619 Cher Phila.,
Rau, Emanuel & Sons, 211 Center, New Y
Robinson, John T. & Co., Hyde Park, Mass.
Sheridan, T. W. & C. B. Co., 56 Duane, N Y

Paper Box Tapping Machines

Hobbs Mfg. Co., Worcester, Mass.

Paper Can Machinery

Chicago Paper Tube & Can Co. ("Williams" For Round Paper Cans & Boxes), 20 N May, Chicago, Ill.

Paper Clip & Fastener Machines

Special Machinery Co. (Automatic), Bridgeport, Conn.

Paper Cutting Machines

Challenge Machinery Co. (Lever & Power), Grand Haven, Mich.
Chandler & Price Co., Cleveland, O.
Child Acme Cutter & Press Co. ("Acme" Self-Clamping), Boston, Mass.
Fuller, E. C. Co. ("White"), 28 Reade, New York
Golding & Co., 540 Pearl, New York
Grammes, L. F. & Sons, Allentown, Pa.
Inman Mfg. Co., Amsterdam, N. Y.
Seybold Machine Co., Dayton, O.; 312 Dearborn, Chicago, Ill., & 70 Duane,, New York
Sheridan, T. W. & C. B. Co., 56 Duane, New York

Paper Folding Machines

(For Bookbinders, Printers, etc.)

Brown Folding Machine Co., Erie, Pa.
Chambers Bros. Co., N 52d bel Lancaster av, Phila., Pa.
Dexter Folder Co., Pearl River, N. Y.

Paper Napkin Machinery

Waldron, Jno. Co., New Brunswick, N. J.

Paper Punching Machinery

Tatum, Sam'l C. Co., 414 W Water, Cincinnati, O.

Paper Ruling Machines

Hickok, W. O. Mfg. Co., Harrisburg, Pa.
Keystone Type Foundry Co. ("Paragon"), 9th & Spruce, Phila., Pa.

Paper Slitting & Rewinding Machines

Hobbs Mfg. Co., Worcester, Mass.
Kidder Press Co., Dover, N. H., & 150 Nassau, New York

Paper Tarring Machines

Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.

Paper & Pulp Mill Machinery

Alsing, J. R. Co., 77 Guernsey, Brooklyn, N. Y.
Appleton Machine Co., Appleton, Wis.
Bagley & Sewall Co., Watertown, N. Y.
Bellows Falls Machine Co., Bellows Falls, Vt.
Beloit Iron Works, Beloit, Wis.
Bess Machine Co., Hamilton, O.
Black & Clawson Co., Hamilton, O.
Brownville Iron Works, Brownville, N. Y.
Cedar Point Foundry Co., Port Henry, N. Y.
Clark, H. C. & Son, Lee, Mass.
Currier, C. & Sons, Newark, N. J.
Davis, E. & Sons, Fitchburg, Mass.
Dayton Globe Iron Works Co., Dayton, O.
Dexter Folder Co., Pearl River, N. Y.
Dillon Machine Co., Lawrence, Mass.
Dilts Machine Works, Fulton, N. Y.
Downingtown Mfg. Co., Dowingtown, Pa.
Emerson Mfg. Co., Lawrence, Mass.
Farrell Foundry & Machine Co., Ansonia, Conn.
Friction Pulley & Machine Works, Sandy Hill, N. Y.
Goddard Machine Co., Holyoke, Mass.
Hamblet, Geo. W., Lawrence, Mass.
Hankey, A. & Co. (Paper Mill Engines, Bars & Plate), 2235 Vine, Phila., Pa.
Holyoke Machine Co., Holyoke, Mass., & Worcester, Mass.
Horne, J. H. & Sons Co., Lawrence, Mass.
Hutchinson, C. H., Manchester, N. H.
Improved Paper Machinery Co., Nashua, N. H.
JEFFREY MFG. CO., Columbus, O., 41 Dey, New York, & Equitable bldg, Denver, Colo. (See adv. index, end of book)
Jolly, J. & W., Holyoke, Mass.
Jones, E. D. & Sons Co., Pittsfield, Mass.
Kidder Machine Co., Franklin Falls, N. H.
Koegel, Chas. & Son, Holyoke, Mass.
Moore & White Co., 15th & Lehigh av, Philadelphia, Pa.
MORRIS MACHINE WORKS, Baldwinsville, N. Y. (See adv. index, end of book)
Nebel, M. A., 72 Grand av, Brooklyn, N. Y.
Noble & Wood Machine Co., Hoosick Falls, N. Y.
Penney, J. W. & Sons Co., Mechanics' Falls, Me.
Perkins, B. F. & Son, Holyoke Mass.
Poole, J. Morton Co., Wilmington, Del.
Portland Co., Portland, Me.
Portland Iron Works (Inc.), Portland, Oregon
Pusey & Jones Co., Wilmington, Del.
Rice-Barton & Fales Machine & Iron Co., Worcester, Mass.
Sandy Hill Iron & Brass Works, Sandy Hill, N. Y.
Scott, Olin, Bennington, Vt.
Smith & Winchester Co., South Windham, Conn.
Stillman, L. H., Brattleboro, Vt.
Thompson Mfg. Co., Lancaster, N. H.
Ticonderoga Machine Works, Ticonderoga, N. Y.
Townsend Foundry & Machine Shop Co., Albany, N. Y.
Trevor Mfg. Co., Lockport, N. Y.
Union Iron Works, Bangor, Me.
Union Machine Co., Fitchburg, Mass.
Valey Iron Works Co., Appleton, Wis.
Wetherill, Robert & Co., Chester, Pa.
Windsor Locks Machine Co., Windsor Locks, Conn.

Paraffining Machines

Waldron, Jno. Co., New Brunswick, N. J.

Paste Mixing Machines

Acton, Jno., 118 John, Brooklyn, N. Y.
Day, J. H. & Co., 1144 Harrison av, Cincinnati, O., & 76 Park pl, New York
Ross, Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.

Pattern Makers' Machinery

(See Lathes, Pattern Makers'.)

Pattern Shop Sawing Machines

Baker Bros., Toledo, O.

Paving Block Sawing Machines

Fischer Machine Works (Wood), 345 S Canal, Chicago, Ill.

Pea Harvesting Machinery

(See Harvesters, Bean & Pea.)

Pea Hulling Machinery

Chisholm-Scott Co., Niagara Falls, N. Y.

Pea Machinery (Canners')

SPRAGUE CANNING MACHINERY Co., 42 River, Chicago, Ill. (See adv. index, end of book)

Peach Pitting Macines

SPRAGUE CANNING MACHINERY Co. (For Canners), 42 River, Chicago, Ill. (See adv. index, end of book)

Peanut Machinery

Ayers, J. R., Petersburg, Va.
Cardwell Machine Co. (Pickers & Cleaners, Shellers & Separators), Richmond, Va.
Hench & Dromgold Co., York, Pa.
Johnson & Field Mfg. Co., Racine, Wis.
Malt-Wheat Biscuit Co. (Ltd.) (Coolers, Grinders, Pickers, Blanchers, Hullers, Roasters, etc.), Marshall, Mich.
Stratton & Bragg (Pickers, Cleaners, etc.), Petersburg, Va.
Straub, A. W. & Co., Phila., Pa.

Pearl Button Machinery & Tools

Holub & Dusha Co., 1801 1st av, New York

Perforating Machines

Bliss, E. W. Co., 17 Adams, Broooklyn, N. Y.
Burton's, A. G. Son, 46 S Clinton, Chicago, Ill.
Cross & Speirs Machine Co., Waterbury, Conn.
Cummins, B. F. Co. ("Chicago" Hand for Check, R. R. Ticket Dating, etc.), 42 W Jackson boul, Chicago, Ill.
Dewes, A., 243 Centre, N. Y.
Erdle & Schenck, Rochester, N. Y.
Latham Machinery Co., 199 S Canal, Chicago, Ill.
Long & Allstatter Co. (Sheet Metal), Hamilton, Ohio
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. (See adv. index, end of book)

Pharmaceutical Machinery

Colton, Arthur, 184 Brush, Detroit, Mich.
Hall, Albert B., Indianapolis, Ind.

Phosphate Mill Machinery

Bailey-Lebby Co., Charleston, S. C.
Kehoe, Wm. & Sons, Savannah, Ga.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Walker & Elliott, Wilmington, Del.

Photo Engravers Machinery

Royle, Jno. & Sons, Paterson, N. J.

Piano Action Machinery

Erlander, Julius, 172 Centre, N. Y.
Pryibil, P. (est. of), 512 W 41st, N. Y.

Piano & Music String Machinery

Leffler, Chas. & Co., 63 Clymer, Brooklyn, N. Y.

Picture Frame Machinery

McFarlan & Spiker Mfg. Co., 1652 Dorman, Cincinnati, O.
Shawver Company, Springfield, O.

Pig Iron Casting Machines

American Casting Machine Co., Pittsburg, Pa.
Weimer Machine Tool Co., Lebanon, Pa.

Pile Driving Machinery

AMERICAN HOIST & DERRICK CO. St. Paul, Minn. Branch Offices, 60 S Canal, Chicago, Ill.; Tremont bldg, Boston, Mass.; 39 Cortlandt, New York; Hennen bldg, New Orleans, La.; & Builders' Exchange, Baltimore, Md. (See adv. index, end of book)

Beatty, M. & Sons, Welland, Ontario, Can.
Bucyrus Co. (Railroad), S. Milwaukee, Wis.
Carlin Machinery & Supply Co., 103 Lacock, Allegheny, Pa.
Contractors' Plant Mfg. Co, Buffalo, N. Y.
Dupuis, A. J. Co., Chamber of Com. bldg, Detroit, Mich.
Industrial Works, Bay City, Mich.
LESCHEN, A. & SONS ROPE CO., 920 N 1st, St. Louis, Mo.; 137 E. Lake, Chicago; 163 Wash'n, New York, & 1717-23 Arapahoe, Denver, Colo. (See adv. index, end of book)
McMyler Mfg. Co., Cleveland, O.
MUNDY, J. S., 20 Prospect, Newark, N. J. (See adv. index, end of book)
RAWSON & MORRISON MFG. CO., Cambridgeport, Mass., & 11 B'way, New York. (See adv. index, end of book)
SHAW, WILLIS, 171 Lasalle, Chicago, Ill. (See adv. index ,end of book) Ill.
Toledo Foundry & Machine Co., Toledo, O.
Vulcan Iron Works, 63 Milwaukee av, Chicago, Ill.

Pill Coating Machines

Colton, Arthur (Gelatine, etc.), Detroit, Mich.

Pill Making Machines

Colton, Arthur (Automatic), 184 Brush, Detroit, Mich.
Day, J. H. & Co., 1144 Harrion av, Cincinnati, O., & 76 Park pl, New York

Pin Drilling Machines

Ajax Mfg. Co., Cleveland, O.

Pin Machinery

(See Hook & Eye Machinery.)

Pin Machines (Automatic)

Barr, H. G. & Co. (For Straight or Shoulder Pins), Worcester, Mass.

Pin Pointing Machinery

Manville, E. J. Machine Co., 176 Meadow, Waterbury, Conn.

Pineapple Machnery

SPRAGUE CANNING MACHINERY Co. (For Canners), 42 River, Chicago, Ill. (See adv. index, end of book)

Pinking & Scalloping Machines

Stimpson, Edwin B. & Son, 31 Spruce, New York

Pipe Bending Machines

Standard Engineering Co., Elwood City, Pa.
Walworth Mfg. Co., 132 Federal, Boston, Mass.

Pipe Calking Machines

Smith, A. P. Mfg. Co. (Automatic), Newark, N. J.

Pipe Cutting & Threading Machines

(See also Cutters, Pipe.)

Armstrong Mfg. Co., Bridgeport, Conn.
Belden Machine Co., New Haven, Conn.
Bignall & Keeler Mfg. Co., Edwardsville, Ill.
Clow, Jas. B. & Sons (Portable), 344 Franklin, Chicago, Ill.
Columbus Machine Co. (Hand & Power), 223 W Broad, Columbus, O.
Cox & Sons Co., 215 Race, Philadelphia, Pa.
CRANE CO., Chicago, New York, Philadelphia, St. Louis, Kansas City, Sioux City, Los Angeles, San Francisco, Omaha, Portland, Oreg.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Curtis & Curtis Co., Bridgeport, Conn.
Curtis & Wilson Machine Co., West Brighton, S. I., N. Y.
Detrick & Harvey Machine Co., 508 E Preston, Baltimore, Md.
Eaton, Cole & Burnham Co., 253 B'way, N. Y.
Fairbanks Co., 186 Elm, New York
701 Arch, Philadelphia, Pa.; 44 Pearl, Boston; 19 Light, Baltimore; 304 B'way, Albany, N. Y.; 610 Canal, New Orleans; 210 Main, Buffalo, N. Y.; 238 3d av, Pittsburg, Pa
Fox Machine Co. (Cutting Machines Only), 127 N Front, Grand Rapids, Mich.
Hart Mfg. Co., 22 Wood, Cleveland, O.
Jarecki Mfg. Co., Erie Pa., & Pittsburg, Pa.
Johnson, Israel H., Jr., Co., 1422 Callowhill, Philadelphia, Pa.
McWilliams & McConnell, Shamokin, Pa.
Merrill Mfg. Co., Toledo, O.
Morris, P. Hollingsworth, Phila. Bourse, Philadelphia, Pa.
National Machinery Co. (Pipe Threaders), Tiffin, O.
Niles-Bement-Pond Co. (Hand & Power), 136 Liberty, New York. Works: Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Oster Mfg. Co., 85 E Prospect, Cleveland, O.
Saunders, D. Sons, Yonkers, N. Y.
SIMMONS, JOHN CO., 110 Centre, New York
Smith, A. P. Mfg. Co. ("French" Pipe Cutting Machines), Newark, N. J.
Standard Engineering Co. ("Standard Wieland"). Elmwood City, Pa.
Stoever Fdy. & Mfg. Co., Myerstown, Pa.
Titusville-Iron Co., Titusville, Pa.
United Engineering & Foundry Co., Farmers' Bank bldg, Pittsburg, Pa., & Youngstown, Ohio
Walworth Mfg. Co., 132 Federal, Boston, Mass.
Williams Tool Co., Erie, Pa.

Pipe Flanging & Expanding Machines

Keystone Machine Tool Works, 1027 Ridge av, Phila., Pa.

Pipe Jointing Machines

Bertsch & Co., Cambridge City, Ind.

Pipe & Tube Mill Machinery

Fischer Foundry & Machine Co., S 21st & Mary, Pittsburg, Pa.
Taylor, Wilson & Co. (Ltd.), Allegheny, Pa.
Tyrone Foundry & Machine Co., Tyrone, Pa.
United Engineering & Foundry Co., Farmers' Bank bldg, Pittsburg, Pa., & Youngstown, Ohio

Pitching Machines

Foster Pump Works (Inc.), 224 Plymouth, Brooklyn, N. Y.
Gerlach, Peter & Co., 28 Columbus, Cleveland, Ohio
National Machine Works, Sheffield & North av, Chicago, Ill.
Rauch, Henry ("Universal"), 47 Centre, New York
Torchiani, H. ("Ideal"), 195 Water, New York

Placer Mining Machinery

Bucyrus Co., So. Milwaukee, Wis.
Risdon Iron Works, San Francisco, Cal.

Planing Machines

(See Planers, Various Kinds.)

Plaster Mill Machinery

Dunning, W. D. ("Broughton" Plaster & Cement Mixers, etc.), 300 N Water, Syracuse, N. Y.
Great Western Mfg. Co., Leavenworth, Kas.
Standard Sand & Machine Co. (For Wall Plaster), Cleveland, O.
Voglesong, J. W., Elyria, O.
Wood Fibre Machinery Co. (For Wood Fibre Plaster), Sandusky, O.

Plate Glass Machinery

Braddock Machine & Mfg. Co., Braddock, Pa.
Fischer Foundry & Machine Co., S 21st & Mary, Pittsburg, Pa.
Fritsch, Arthur Foundry & Machine Co., St. Louis, Mo.
West Penn Foundry & Machine Co., Avonmore, Pa.
Wickes, Bros., Saginaw, Mich.

Plate Scarfing Machines

Detrick & Harvey Machine Co., 508 E Preston, Baltimore, Md.

Plate Straightening Machinery

Diamond Drill & Machine Co., Birdsboro, Pa.
Hillis & Jones Co., Wilmington, Del.
Lewis Foundry & Machine Co., 1001 Bingham, Pittsburg, Pa.
Niles-Bement-Pond Co., 136 Liberty, N. Y. Works: Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Philadelphia Roll & Machine Co., S 23d & Wash'n av, Philadelphia, Pa.
Pittsburg Mfg. Co., Pittsburg, Pa.
Pittsburg, Pa.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Philadelphia, Pa.
Watson-Stillman Co., 46 Dey, New York
Wells Bros. Co., Greenfield, Mass.
Waterbury Farrell Foundry & Machine Co., Waterbury, Conn.

Plow Handle Machinery

Bentel & Margedant, Hamilton, O.
Defiance Machine Works, Defiance, O.
Root, M. B. Co., York, Pa.

Polishing Machines

(See also Buffing & Polishing Machines; also Wood Polishing Machines.)

Barnes, W. F. & Jno. Co., Rockford, Ill.
Best, Levi (Dealer), 45 Vesey, N. Y.
Bliss, E. W. Co., 19 Adams, Brooklyn, N. Y.
Brown & Sharpe Mfg. Co., Providence, R. I.
Buescher Mfg. Co., Elkhart, Ind.
Builders' Iron Foundry, Providence, R I.
Diamond Machine Co., Providence, R. I.
Florence Machine Co., Florence, Mass.
Gould & Eberhardt, Newark, N. J.
Greenlee Bros. & Co., 225 W 12th, Chicago, Ill.
Hanson & Van Winkle Co., Newark, N. J.; 136 Liberty, N. Y., & Chicago, Ill.
Niles-Bement-Pond Co., 136 Liberty, N. Y. Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Northampton Emery Wheel Co., Leeds, Mass.; Northampton, Mass., & 20 S Canal, Chicago, Ill.
St. Louis Machine & Tool Co., 1114 S 8th, St. Louis, Mo.
Spears & Riddle Co., Wheeling, W. Va.
Stimpson, Edwin B & Son (Zinc & Copper Plates, etc.), 31 Spruce, New York
Stow Flexible Shaft Co. (Portable. Wood & Metal). n 26th & Buttonwood, Phila., Pa.
Watson-Stillman Co., 210 E 43d, New York

Pop-Corn Machines

Deters, F. & Co., 906 Elm, Cincinnati, O.
Long, W. Z., Springfield, O.

Porch Column Boring Machines

Bentel & Margedant (For Columns 12 to 26 feet), Hamilton, O.

Post Boring Machines

American Wood Working Machine Co., 136 Liberty, N. Y.
Atlantic Works (Inc.), 23d & Arch., Phila., Pa.
Bentel & Margedant Co., Hamilton, O.
Cordesman Machine Co., 25 Butler, Cincinnati, Ohio
Cordesman, Meyer & Co., 51 Central av, Cincinnati, O.
Fay, J. A. & Egan Co., cor Front & John, Cincinnati, O.
Fox Machine Co., 127 N Front, Grand Rapids, Mich.
Smith, H. B. Machine Co., Smithville, N. J., & 121 Liberty, N. Y.
White, Jno. A. & Co., Dover, N. H.

Potato Harvesting Machinery

Dowden Mfg. Co., Prairie City, Ia.

Pottery Machinery

Adamson, Alex., Akron, O.
American Clay Working Machinery Co., Bucyrus, O., & Willoughby, O.
Bonnot Co., Canton, O.
Canton Pump Co., Canton, O.
Centre Foundry, Wheeling, W. Va.
Crossley Mfg. Co., Trenton, N. J.
Mackenzie, Duncan, Trenton, N. J.
Raymond, C. W. Co., Dayton, O.
Taplin, Rice & Co., Akron, O.
Thropp, Jno. E. Sons Co., ft of Lewis, Trenton, N. J.
Webster, Camp & Lane Machine Co., Akron, O.
Williams Foundry & Machine Co., Akron, O.

Powder Mill Machinery

(See also Gun Powder Machinery.)

BARTLETT, C. O. & SNOW CO., (Rifle & Blasting), French nr Columbus, Cleveland. O. (See adv. index, end o book)
Birmingham Foundry, Derby, Conn.
Kaestner & Co. (Inc.) (For Gun & Blasting), 241 S Jefferson, Chicago, Ill.
Treadwell, M. H. & Co., 95 Liberty, N. Y.

Power Transmitting Machinery

(See also Rope Transmitting Machinery.)
For Gears, Pulleys, Shafting, etc., see Index of Contents.
Aetna Foundry & Machine Co., Springfield, Ill.
Akron Electrical Mfg. Co., Akron, O.
Barnard & Leas Mfg. Co., Moline, Ill.
Braddock Machine & Mfg. Co. (for Rolling Mills, etc.), Braddock, Pa.
Brodesser Elevator Mfg. Co., 514 Commerce, Milwaukee, Wis.
BROWN, A. & F. CO., 25 Dey, New York. Works, Elizabeth, N. J. (See adv. front colored page)
Caldwell, H. W. & Son Co., 17th & Western av, Chicago, Ill.
CALDWELL, W. E. CO., Brandeis av & Brook, Louisville, Ky. (See adv. index, end of book)
Chain Belt Co., Milwaukee, Wis.
Cole Mfg. Co., Lakeport, N. H.
Columbia Bridge Co. (Forged Steel Shafting, Couplings, Hangers, Collars, Pulleys, etc.), Park bldg, Pittsburg, Pa.
Cook, R. R., Stevens Point, Wis.
Cresson, Geo. V. Co., Allegheny av W of 17th, Phila., Pa., & 141 Liberty, N. Y.
Davis, F. M. Iron Works Co., 8th & Larimer, Denver, Col.
Dayton Globe Iron Works Co., Dayton, O.
Diamond Iron Works, Minneapolis, Minn.
Dodge Mfg. Co., Mishawaka, Ind.; 43 Dey, N. Y.; 166 S Clinton, Chicago; 128 W 3d, Cincinnati, O., & 152 Purchase, Boston
Ellicott Machine Co. (Electrical), Bush & Severn, Baltimore, Md.
Estes Mfg. Co., 301 State, Rochester, N. Y.
Falls Rivet & Machine Co., Cuyahoga Falls, O., & 208 Fulton, New York
Farrell Foundry & Machine Co.. Ansonia, Conn.
Fulton Engine Works. Los Angeles, Cal.
GENERAL ELECTRIC CO. (Electric), Schenectady, N. Y., & 44 Broad, N. Y. City. (See adv. below)
Gill, Philip H. & Sons, Loraine & Otsego, Brooklyn, N. Y.
Golden's Foundry & Machine Co., Columbus, Ga.
Greenfield, I. & E. Co., 722 E Pearl, Cincinnati, O.
Hill Clutch Co., ft Waverly av, Cleveland, O.
Holthoff Machinery Co., Cudahy, Wis.
Holyoke Machine Co., Holyoke, Mass., & Worcester, Mass.
HOWARD IRON WORKS, Buffalo, N. Y., & 126 Liberty, New York. (See adv. index, end of book)
Hunt, Rodney Machine Co., Orange, Mass.
Hunter, Jas. Machine Co., North Adams, Mass., & 70 Kilby, Boston
Huntsville Foundry & Machine Works, Huntsville, Ala.
Hyatt Roller Bearing Co., Harrison, N. J.
Jacobson Machine Mfg. Co., Warren, Pa.
JEFFREY MFG. CO., Columbus, O.; 41 Dey, N. Y., & Equitable bldg, Denver, Col. (See adv. index, end of book)
Jones, E. D. & Sons Co., Pittsfield, Mass.
Jones, W. A. Foundry & Machine Co., 143 W North av, Chicago, Ill.
Jones & Laughlins Steel Co., Pittsburg, Pa.
Kaestner & Co. (Inc.), 241 S Jefferson, Chicago, Ill.
Klein, Chas. C., 2850 N Marshall, Phila., Pa.
Lane & Bodley Co., c John & Water, Cincinnati, O.
Link Belt Engineering Co., Nicetown, Phila., Pa.; Park bldg, & 49 Dey, N. Y.
Link Belt Machinery Co. (Manilla Rope, etc.), W 39th & Stewart av, Chicago, Ill.
McArdle-Parker Machinery Co., 514 Camp, New Orleans, La.
McMurray, C. F. Co. (Plain, Rigid & Chain Feed Lubricator, etc.), Troy, N. Y.
Marseilles Mfg. Co., Marseilles, Ill.
Medart Patent Pulley Co., 3500 De Kalb av, St. Louis, Mo.
Meese & Gottfried Co., 167 Fremont, San Francisco, Cal.
MINNEAPOLIS STEEL & MACHINEry Co., Minneapolis, Minn. (See adv. index, end of book)
Minster Machine Co., Minster, O.
National Foundry & Supply Co., Williamsport, Pa.
Naylor Bros., Peekskill, N. Y.
Nordyke & Marmon Co., Indianapolis, Ind.
NORWALK IRON WORKS CO., So. Norwalk, Conn. (See adv. index, end of book)
Phoenix Iron Works, Portland, Ore.
Pittsburg Pulley Co., Frick bldg, Pittsburg, Pa.
Platt Iron Works Co., Dayton, O., & 93 Liberty, New York
Plamondon, A. Mfg. Co., 57 S Clinton, Chicago, Ill.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Portland Iron Works (Inc.), 14th & Northrup, Portland, Ore.
Quaker City Electric Co., 2036 W Lippincott, Phila., Pa.
Savage, W. J., Knoxville, Tenn.
Sellers, Wm & Co. (Inc.), 1600 Hamilton, Phila., Pa.
Skillin & Richards Mfg. Co., 147 Fulton, Chicago, Ill.
Smith, Jas. & Co. (Inc.), 421 Race, Phila., Pa.
Smith, S. Morgan Co., York, Pa.
Sprout, Waldron & Co., Muncy, Pa.
Standard Roller Bearing Co. (Roller Bearing), N 48th & Girard av., Phila., Pa.
Stephens-Armstrong Mfg. Co., Aurora, Il.
Trump Mfg. Co., Springfield, O.
Twin City Iron Works. Minneapolis, Minn.
Valley Iron Works, Williamsport, Pa.
WEBSTER MFG. CO., 1075 W 15th, Chicago, & 38 Dey, New York. (See adv. index, end of book)
WELLER. MFG. CO., 118 North av, Chicago. (See adv. index, end of book)
Wickes Bros.. Saginaw. Mich.
Willamette Iron & Steel Works, Portland, Oregon
Williamsport Clutch & Pulley Co., Williamsport, Pa.
Wolf Co. (Inc.), Chambersburg, Pa.

Power Transmitting Machinery (Electric)

GENERAL ELECTRIC CO., Schenectady ,N. Y., & 44 Broad, N. Y. (See adv. below)
Quaker City Electric Co., 2036 Lippincott. Phila., Pa.
WESTINGHOUSE ELECTRIC & MFG. Co., Pittsburg, Pa. Distict Offices: New York, Atlanta, Dallas, Baltimore. Boston, Buffalo, Chicago, Cincinnati, Cleveland, Detroit, Los Angeles, Minneapolis, New Orleans, Philadelphia, Pittsburg, St. Louis, Salt Lake City, San Francisco, Syracuse, Seattle, Denver, Mountain Electric Co. Canada, Canadian Westinghouse Co., Limited, Hamilton, Ontario. Mexico, G. & O. Braniff & Co., City of Mexico. (See adv. index, end of book)

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Power Transmitting Machinery, Rope

(See Rope Transmitting Machinery.)

Printing Machines (Sack & Circular)

Ashtabula Specialty Co., Ashtabula, O.

Printing Presses & Machinery

Babcock Printing Press Mfg. Co., New London, Conn., & 38 Park Row, New York
Brown Cotton Gin Co., New London, Conn.
Campbell Printing Press & Mfg. Co., 1 Madison av, N. Y. Works, Taunton, Mass
Challenge Machinery Co. (Gordon, Cylinder, etc.), Grand Haven, Mich.
Chandler & Price Co., Cleveland, O.
Cottrell, C. B. & Sons Co., Westerly, R. I., & 41 Park Row, N. Y.
Duplex Printing Pess Co., Battle Creek, Mich.
Golding & Co., 540 Pearl, New York
Goss Printing Press Co., 732 S Paulina, Chicago
Harris Automatic Press Co. (High Sped, Self-Feeding), Niles, O.
Hoe, R. & Co., 504 Grand, N. Y.
Huber-Hedgman Co., Taunton, Mass.
Kelsey Press Co., Meriden, Conn.
Keltons, M. M. & Son, 124 Baxter, New York
Kidder Press Co., Dover, N. H., & 150 Nassau, N. Y.
Liberty Machine Co., 140 Nassau, N. Y.
Miehle Printing Press & Mfg. Co., 75 N Clinton, Chicago, Ill.
Meisel Press & Mfg. Co., Dorchester, Boston, Mass.
National Machine Co., Hartford, Conn.
Nichols & Langworthy Machine Co., Hope Valley, R. I.
Peerless Printing Press Co., Palmyra, N. Y.
Pollard-Alling Mfg. Co., 35 E 20th, N. Y.
Potter Printing Press Co., Plainfield, N. J.
Scott, Walter & Co., Plainfield, N. J., & 41 Park Row, N. Y.
Van Allens & Boughton, 59 Ann, N. Y.
Whitlock Printing Press Mfg. Co., Derby, Conn., & 41 Park Row, N. Y.
Ziegler, Robt. & Sons, St. Louis, Mo.

Profiling Machines

Garvin Machine Co., 137 Varick, New York
Pratt & Whitney Co., Hartford, Conn.

Pulley Balancing Machinery

Defiance Machine Works, Defiance, O.

Pulley Boring & Turning Machines

Jones, W. A. Foundry & Machine Co., 143 W Wash'n, Chicago, Ill.
Pond, L. W. Machine Co., Worcester, Mass.

Pulley Hub Drilling & Tapping Machines

Newton Machine Tool Works, 243 Vine, Phila., Pa.

Pulley Molding Machines

(See also Sand Molding Machines.)

American Foundry & Machine Co., Hanover, Pa.
Maywood Foundry & Machine Co., Tribune bldg, Chicago, Ill.
Pridmore, Henry E., 918 S Rockwell, Chicago
Woods, T. B. Sons, Chambersburg, Pa.

Pulley Mortising Machines

Austin & Eddy, 117 Broad, Boston
Empire Forge Co. (Quint), Troy, N. Y.
Sloan, Frank B. & Co., 10 S Charles, Baltimore, Md.
Smith & Phillips Mfg. Co., 97 W Adams, Chicago, Ill.

Pulp Making Machinery (Canners')

SPRAGUE CANNING MACHINERY Co., 42 River, Chicago, Ill. (See adv. index, end of book)

Pulp Washing Machines

Reisinger, Hugo, 11 B'way, N. Y.

Pulverizing Machinery

(See also Mills, Grinding.)

Acton, Jno. (Bogardus Centrifugal & Steel Roller Mills). 118 John, Brooklyn, N. Y.
Aero Pulverizer Co., 10 Wall, New York
Allis-Chalmers Co., New York Life bldg, Chicago, & 71 B'way, New York. Works, Chicago, Milwaukee, & Scranton, Pa.
Alsing, J. R. & Co., 15 Guernsey, Brooklyn, N. Y.
Atlas, M. & M. Co. (Crushing & Grinding), Lincoln, N. J., & 82 Pearl, New York
Bailey-Lebby Co. (mrfs. agents), Charleston, S. C.
BRADLEY PULVERIZER CO. (Griffin Mill), 92 State, Boston, Mass., & 120 Liberty, N. Y.
Burroughs, Chas. Co., 141 Commerce, Newark, N. J.
Cameron & Barkley Co. (Mfrs.' Agts.), Charleston, S. C.
Campbell, P. F. (For Fertilizer & Whiting Works, etc.), 55 Laurel, Phila., Pa.
Carey, Saml., 17 State, N. Y.
Clark, J. C., Box 525, Atlanta, Ga.
Day, J. H. Co., 1144 Harrison av, Cincinnati, O., & 76 Park pl, N. Y.
Fritsch, Arthur Foundry & Machine Co., 216 Gratiot, St. Louis, Mo.
Fernholtz Brick Machinery Co., St. Louis, Mo.
Garrison, A. Foundry Co. (Ore & Clay), Pittsburg, Pa.
Harron, Rickard & McCone (Inc.), San Francisco, Cal.
Holmes & Blanchard Co. (Fertilizing), 39 Washington, N, Boston, Mass.
Huntington Dry Pulverizer Co., 120 B'way, N. Y.
Kent Machine Wks., 246 Plymouth, Brooklyn, N. Y.
Kent Mill Co., 170 B'way, N. Y.
KIMPLEN CRUSHER & PULVERizer Co., 110 Wash'n, Chicago, Ill. (See adv. index, end of book)
McLauthlin, Geo. T. Co., 120 Fulton, Boston, Mass.
Nebel, M. A., 72 Grand av, Brooklyn, N. Y.
Nebel, M. A., 72 Grand av, Brooklyn, N. Y.
Nordyke & Morman Co., Indianapolis, Ind.
Parke & Lacy Co., San Francisco, Cal.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Raymond Impact Pulverizer Co. (Clay), 143 Laflin, Chicago, Ill.
Ross, Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.
Sackett, A. J. (Fertilizing), 5th av & 1st E, Baltimore, Md.
St. Louis Pulverizer Co., 416 N Main, St. Louis, Mo.
Schutz-O'Neill Co., Minneapolis, Minn.
Simpson Foundry Co., 30 Rodney, Brooklyn, N.Y.
Smidth, F. L. & Co. (Inc.), 39 Cortlandt, New York
Smith, Theodore & Sons Co., ft of Essex, Jersey City, N. J.
Stedman's Foundry & Machine Wks., Aurora, Ill.
STROUD, E. H. & CO. ("Cyclone"), 36 La Salle, Chicago, Ill.
STURTEVANT MILL CO., Clayton c Park, Dor., Boston, Mass.
Valk & Murdoch Iron Works, Charleston, S. C.
Van Winkle, E., Gin & Machine Works, Atlanta, Ga.
Walker & Elliott, Wilmington, Del.
West Pulverizing Machine Co., Jersey City, N. J.
Williams Patent Crusher & Pulverizer Co., St. Louis, Mo.

Pump Stock & Pipe Boring Machines

Bentel & Margedant Co., Hamilton, O.

Pumping Machinery

(See also Pumps, Steam.)

Allentown Foundry & Machine Works Co., Allentown, Pa.
Allis-Chalmers Co. ("Reynolds" Pumping Engines, Compound & Triple Expansion). Office, New York Life bldg, Chicago. Works, Chicago, Milwaukee & Scranton, Pa.
American Steam Pump Co., Battle Creek, Mich.
Barr Pumping Engine Co., 55 N 7th, Philadelphia, Pa.
Bliss, E. W. Co. (House, Railroad Tank, etc.), 19 Adams, Brooklyn, N. Y.
Camden Iron Works, 400 Chestnut, Phila., Pa., & Camden, N. J.
Canton Pump Co., Canton, O.
Climax Mfg. Co., Corry, Pa.
Cook Well Co. (Deep Well), St. Louis, Mo.
Davidson, M. T., 43 Keap, B'klyn, N. Y.; 30 Oliver, Boston, Mass., & 141 B'way, N. Y.
Dean Bros'. Steam Pump Works, Indianapolis, Ind.
d'Auria Pumping Engine Co., Drexel bldg, Phila., Pa.
Douglas, W. & B., Middletown, Conn., & 83 John, New York
Dow, Geo. E. Pumping Engine Co., 179 1st, San Francisco, Cal.
Edwards, Jos. & Co., 412 Water, New York
Epping-Carpenter Co. (Heavy Pumping Engines), Pittsburg, Pa.
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3rd, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S W Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E.; London, Eng. (See adv. index, end of book)
Gardner Governor Co., Quincy, Ill.
Guild & Garrison, Kent av c S 10th, Brooklyn, N. Y.
Goulds Mfg. Co., Seneca Falls, N. Y., & 16 Murray, New York
Heisler Pumping Engine Co. (High Duty), Westinghouse bldg, Pittsburg, Pa.
International Steam Pump Co., 114 Liberty, New York
Kilby Mfg. Co., Cleveland, O.
Lang, Goodhue Mfg. Co., Burlington, Vt.
Luitweiler Pumping Engine Co., Los Angeles, Cal.
McGowan, Jno. H. Co., 56 Central av, Cinnati, O.
Mietz, August (Gas or Kerosene), 128 Mott, New York
Morris County Machine & Iron Co., Dover, N. J.
Morris, I. P. Co. (High Duty), Beach & Ball, Phila., Pa.
National Steam Pump Co., Upper Sandusky, O.
Nordberg Mfg. Co., Milwaukee, Wis.
Platt Iron Works Co., Dayton, O., & 93 Liberty, New York
Providence Engineering Works (Pumping Engines), Providence, R. I.
Pulling, J. G. & Co., Columbus, O.
QUIMBY, WM. E. (INC.), 141 B'way, New York. (See adv. index, end of book)
Rarig Engineering Co., Columbus, O.
Redding Engineering Co., Pittsburg, Pa.
Rife's Hydraulic Steam Engine Co. (Automatic Hydraulic), Waynesboro, Va., & 126 Liberty, New York
Rider-Ericsson Engine Co., 35 Warren, New York
Roberts, Geo. J. Co., Dayton, O.
Roots, P. H. & F. M. Co., Connersville, Ind., & 120 Liberty, New York
Rumsey & Co., Ltd. (Inc.), Seneca Falls, N. Y.
Snider-Hughes Co., Cleveland, O.

Southwark Foundry & Machine Co., S 5th & Wash'n av, Phila., Pa.
Union Steam Pump Co., Battle Creek, Mich.
VILTER MFG. CO., 1046 Clinton, Milwaukee, Wis. (See adv. index, end of book)
Walker Mfg. Co., Fenton, Mich.
Warren Steam Pump Co., Warren, Mass.
Weimer Machine Works Co., Lebanon, Pa.
Wells, F. C. (Est. of), 122 S Clinton, Chicago, Ill.
Wetherill, Robt. & Co. (High Duty Compound Engines), Chester, Pa.

Pumping Machines (Gasoline)

AMERICAN WELL WORKS, Aurora, Ill., U. S. A.; Chicago, Ill.; Dallas, Tex., & 2 Stone, New York. (See adv. index, end of book)

Pumping Machines (Horse Power)

AMERICAN WELL WORKS, Aurora, Ill.; Chicago, Ill.; Dallas, Texas, & 2 Stone, New York. (See adv. index, end of book)
Anderson, Carl Co., Chicago, Ill.
Appleton Mfg. Co., Batavia, Ill.
Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
Deming Co., Salem, O.
Gould Mfg. Co., Seneca Falls, N. Y., & 16 Murray, New York
Myers, F. E. & Bro., Ashland, O.
Rumsey & Co. (Ltd.), Seneca Falls, N. Y.
St. Joseph Pump & Mfg. Co., St. Joseph, Mo.
U. S. Wind Engine & Pump Co., Batavia, N. Y.

Pumpkin Machinery (Canners')

SPRAGUE CANNING MACHINERY Co., 42 River, Chicago, Ill. (See adv. index, end of book)

Pumpkin Peeling & Seeding Machines

SPRAGUE CANNING MACHINERY Co., 42 River, Chicago, Ill. (See adv. index, end of book)

Punch & Die Grinding Machines

Diamond Machine Co., Providence, R. I.

Punching, Beveling & Trimming Machines

Long & Allstatter Co. (Combined for Boiler Plates, etc., with Automatic Space Table, Belt, Motor or Steam Driven), Hamilton, O.

Punching Machines (Boilermakers')

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Cleveland Punch & Shear Works Co., 156 Case av, Cleveland, O.
Henderer's, A. L. Sons (Cast Steel), Wilmington, Del.
Long & Allstatter Co. (Heavy Steam, Motor or Belt Driven), Hamilton, O.
Lovejoy, T. H., 90 Ohio, Chicago, Ill.
New Doty Mfg. Co., Jamesville, Wis.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Niles-Bement-Pond Co., 136 Liberty, New York Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Oswego Tool Co. (Steel Screw), Oswego, N. Y.
Reade Machinery Co. (Throat Punch), American Trust bldg, Cleveland, O.
United Engineering & Foundry Co., Farmers' B'k bldg, Pittsburg, Pa., & Youngstown, O.
Wals-King Tool Co., Winton Place, O.
Wickes Bros., Saginaw, Mich.
Williams Bros. ("Eagle," Power), Ithaca, N. Y.

Punching Machines (Disc)

Long & Allstatter Co. (Heavey, Belt, Motor, or Steam Driven), Hamilton, O.

Punching Machines for Light Metal, Paper, etc.

Crosby, G. A. & Co., 176 S Clinton, Chicago, Ill.
Erdle & Schenck, Rochester, N. Y.
Ferracute Machine Co., Bridgeton, N. J.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Tatum, Samuel C. Co., 414 W Water, Cincinnati, O.

Punching Machines (Gang)

Bliss, E. W. Co., 17 Adams, Brooklyn, N. Y.
Cleveland Punch & Shear Works Co., Cleveland, O.
Long & Allstatter Co. (Heavy, Double Gang, Punch, Belt, Motor & Steam Driven), Hamilton, O.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Williams, White & Co., Moline, Ill.

Punching Machines (Horizontal)

(See also Machinery, Punching & Shearing.)

Alliance Machine Co., Alliance, O.
Cleveland Punch & Shear Wks. Co., Cleveland, O.
Eppinstall, H. Forge Co., 47th & A. V. R. R., Pittsburg, Pa.
Lewis Foundry & Machine Co., Pittsburg, Pa.
Long & Allstatter Co. (Heavy, Belt, Motor & Steam Driven), Hamilton, O.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.
United Engineering & Foundry Co., Farmers' B'k bldg, Pittsburg, Pa., & Youngstown, O.
Whiting, Geo. Co., 428 N Halsted, Chicago. Ill.

Punching Machines (Hydraulic)

(See also Machinery, Punching & Shearing.)

Alliance Machine Co., Alliance, O.
Bethlehem Foundry & Machine Co., S. Bethlehem, Pa.
Dudgeon, Richard (Est. of), 24 Columbia, New York
Eppinstall, H. Forge Co., 47th & A. V. R. R., Pittsburg, Pa.
Henderer's, A. L. Sons, Wilmington, Del.
Long & Allstatter Co. (Belt, Motor & Steam Driven), Hamilton, O.
Morgan Engineering Co., Alliance, O.
Niles-Bement-Pond Co., 136 Liberty, New York. Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Phila. Roll & Machine Co., S 23d & Washington av, Philadelphia, Pa.
United Engineering & Foundry Co., Farmers' B'k bldg, Pittsburg, Pa., & Youngstown, O.
Watson-Stillman Co., 46 Dey, New York
Wood, R. D. & Co., 400 Chestnut, Philadelphia, Pa.
Wood, W. H., Media, Pa.

Punching Machines (Hydraulic, Flange or Angle

Bethlehem Foundry & Machine Co., South Bethlehem, Pa.

Punching Machines, I Beam

Hilles & Jones Co., Wilmington, Del.
Long & Allstatter Co. (Belt, Steam or Motor Driven), Hamilton, O.
New Doty Mfg. Co., Janesville, Wis.
Niles-Bement-Pond Co., Main Office 136 Liberty, N. Y. Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Pels, Henry Co., 68 Broad, New York
Reade Machinery Co., American Trust bldg, Cleveland, O.
United Engineering & Foundry Co., Farmers' B'k bldg, Pittsburg, Pa., & Youngstown, O.
Watson-Stillman Co., 46 Dey, New York
Whiting, Geo. Co. (Beam Coping), 428 N Halsted, Chicago, Ill.

Punching Machines (Multiple)

Alliance Machine Co., Alliance, O.
Cincinnati Punch & Shear Co., 1416 Plum, Cincinnati, O.
Cleveland Punch & Shear Works Co., 156 Case av, Cleveland, O.
Eppinstal, H. Forge Co., 47th & A. V. R. R., Pittsburg, Pa.
Hilles & Jones Co., Wilmington, Del.
Long & Allstatter Co. (Also Heavy Belt, Motor or Steam Driven for Splice Bars, etc.), Hamilton, O.
MANNING, MAXWELL & MOORE, 85, 87 & 89 Liberty, New York; 22, 24 & 26 S Canal, Chicago; Williamson bldg, Cleveland, O.; 128 Oliver, Boston, Mass.; 721 Arch. Phila, Pa.; 305 Frisco bldg, St. Louis, Mo., & Park bldg, Pittsburg, Pa. (See adv. index, end of book)
New Doty Mfg. Co., Janesville, Wis.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv .index, end of book)
Niles-Bement-Pond Co., Main Office 136 Liberty, New York. Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Philadelphia, Pa.
United Engineering & Foundry Co Farmers' B'k bldg, Pittsburg. Pa., & Youngstown, O.
Whiting, Geo. Co., 428 N Halsted, Chicago, Ill.
Williams, White & Co., Moline, Ill.

Punching Machines (Screw)

Barber Mfg. Co., Ashtabula, O.
Bethlehem Foundry & Machine Co. (Steel Screw Punch), South Bethlehem, Pa.
Henderer's, A. I. Sons (Cast Steel), Wilmington, Del.
Lovejoy, T. H. (Cast & Forged Steel). 90 Ohio, Chicago, Ill.
New Doty Mfg. Co. (Steel), Janesville, Wis.
Oswego Tool Co. (Boilermakers' Steel), Oswego, N. Y.

Punching & Shearing Machinery

See also Punching Machines, Various Kinds. Also Shears, Various Kinds.

Alliance Machine Co., Alliance, O.
American Tool Works Co., 6th & Eggleston av, Cincinnati, O.; 120 B'way, N. Y., & Frick bldg, Pittsburg, Pa.
Badger State Machine Co. (Hand & Belt Power), Janesville, Wis.
Beaudry & Co., 141 Milk, Boston, Mass.
Bertsch & Co., Cambridge City, Ind.
Bethlehem Foundry & Machine Co. (Hand or Power), South Bethlehem, Pa.
Bicknell Hardware Co., Janesville, Wis.
Birmingham Iron Foundry, Derby, Conn.
Bliss, E. W. Co. (Single & Double), 19 Adams, Brooklyn, N. Y.
Bremer Machine & Tool Co., 97 W Woodbridge, Detroit, Mich., & Kalamazoo. Mich.
Cincinnati Punch & Shear Co., 1416 Plum, Cincinnati, O.
Cleveland Punch & Shears Works Co., 156 Case av, Cleveland, O.
Eppinstall, H. Forge Co., 47th & A. V. R. R., Pittsburg, Pa.
Evans', Jno. Sons (Heavy), 13th & Buttonwood, Phila., Pa.
Heartley Machine, Variety Iron & Tool Works (Punches & Dies), Toledo, O.
Hilles & Jones Co., Wilmington, Del.

Johnson, Israel H., Jr., Co., 1422 Callowhill, Philadelphia, Pa.
Kane & Roach, Niagara & Shonnard, Syracuse, N. Y.
King & Walker Co., Madison, Wis.
Lewthwaite, T. H. (Hand & Power), 142 Centre, New York
Lockwood Mfg. Co. (Inc., for Machine & Blacksmith Shop), E. B., Boston, Mass.
Long & Allstatter Co. (Deep Throat, etc.), Hamilton, O.
Lord, Bowler & Co., 41 Center, Cleveland, O.
Luther Mfg. Co., Olean, N. Y.
Mackintosh, Hemphill & Co., ft. 12th st, Pittsburg, Pa.
Morgan Engineering Co., Alliance, O.
New Doty Mfg. Co. (Blacksmith & Carriage Builders), Janesville, Wis.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Niles-Bement-Pond Co., 136 Liberty, New York. Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Ohl, Geo. A. & Co. (Metal Workers), Newark, N. J.
Peck, Stow & Wilcox Co., Southington, Conn., & 27 Murray, New York
Pels, Henry & Co., 68 Broad, New York
Philadelphia Roll & Machine Co., S 23d & Wash'n av, Phila., Pa.
Pittsburg Mfg. Co. ("Cosgrove" Punching), 28th & R. R., Pittsburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Reade Machinery Co. (Punch & Shears Combined), Cleveland, O.
Robinson, J. M. Mfg. Co., Central av & 2d, Cincinnati, O.
Rock River Machine Co., Janesville, Wis.
Royersford Foundry & Machine Co. (Combined) Royersford, Pa
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Philadelphia, Pa.
Sutton, C. E. Co., Toledo, O.
Toledo Machine & Tool Co., Toledo, O.
United Engineering & Foundry Co., Farmers' Bank bldg, Pittsburg, Pa., & Youngstown, Ohio
Wais-King Tool Co. (Power), Winton pl, O.
Waterbury Farrell Foundry & Machine Co., Waterbury, Conn.
Watson-Stillman Co., 46 Dey, New York
West Mfg. Co., 374 7th, Buffalo, N. Y.
Whiting, Geo. Co., 428 N Halsted, Chicago, Ill.
Wickes Bros., Saginaw, Mich.
Williams, White & Co., Moline, Ill.
Wood, Wm. H., Media, Pa.
Young, W. C. Mfg. Co., Worcester, Mass.

Punching & Shearing Machines (Combined)

NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Reade Machinery Co., Am. Trust bldg, Cleveland, O.
Royersford Foundry & Machine Co. (Power) Royersford, Pa.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila. Pa.
Watson-Stillman Co., 210 E 43d, N. Y.

Quarrying Machinery & Supplies

(See the specific article required.)

Quartering Machines

Niles-Bement-Pond Co., Main office, 136 Liberty, New York. Works: Hamilton, O.; Philadelphia, Pa & Plainfield, N. J.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Philadelphia, Pa.

Rack Cutting Machines

Dwight Slate Machine Co., Hartford, Conn.
Fellows Gear Shaper Co., Springfield, Vt.
Gould & Eberhardt (Automatic & Semi-Automatic), Newark, N. J.
Le Blond, R. K. Machine Tool Co., Cincinnati, O.

Rail Bending & Straightening Machines

(See also Rail Benders.)

Niles-Bement-Pond Co., 136 Liberty, New York. Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.
Watson-Stillman Co. (Hydraulic), 46 Dey, New York

Rail Cutting Machines

Industrial Works, Bay City, Mich.
Niles-Bement-Pond Co., 136 Liberty, New York Works, Philadelphia, Pa.; Hamilton, O., & Chicago, Ill.
Pels, Henry & Co., 68 Broad, New York

Rail Ending Machines

Keystone Machine Tool Works, 1027 Ridge av, Philadelphia, Pa.
Newton Machine Tool Works (Inc.), 2343 Vine, Philadelphia, Pa.

Rail Punching Machines

Pels, Henry & Co., 68 Broad, New York

Rail Sawing Machines

Higley Sawing & Drilling Machine Co., 8 Dey, N. Y.
Newton Machine Tool Works, 2343 Vine, Philadelphia, Pa.
Railway Appliances Co., Old Colony bldg, Chicago, Ill.

Railroad Cross Tie Machines

Salem Iron Works (Inc.), Salem, N. C.

Railroad Ticket Printing Machines

Gould & Eberhardt (Four Plate Printing Presses), Newark, N. J.

Railway Track Laying Machines

Holman, D. F. Railway Tracklayer Co., 140 Dearborn, Chicago

Rattan Weaving Machinery

Leffler, Chas. & Co., 63 Clymer, Brooklyn, N. Y.

Reaming Machines

Niles-Bement-Pond Co., 136 Liberty, N. Y. Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Reed, Francis Co., Worcester, Mass.
Smith, E. G. (Power), Columbia, Pa.
Stow Mfg. Co., Binghamton, N. Y.

Reclamation Machinery

Krogh Mfg. Co., San Francisco, Cal.

Refrigerating Machinery

(See Ice & Refrigerating Machines.)

Rendering Machinery

Platt Iron Works Co. ("Potter" Process), Dayton, O., & 93 Liberty, New York

Re-Sawing Machines

(See Band Sawing Machines.)

Re-Seating Machines

Lagona Mfg. Co. (For Cleaning Faces, Nuts & Caps of Boiler Tubes), Springfield, O.
Liberty Mfg. Co. (For Cleaning Faces, Nuts & Caps of Water Tube Boilers), Pittsburg, Pa.

Rice Cleaning Machinery

(See Coffee & Rice Cleaning Machinery.)

Rice Mill Machinery

Nordyke & Marmon Co., Indianapolis, Ind.

Rim Machines

(See Hub, Spoke & Rim Machinery.)

Ring Forming Machines (Automatic)

SHUSTER, F. B. CO., New Haven, Conn. (See adv. index, end of book)

Ring & Loop Machinery

Special Machinery Co. (Automatic), Bridgeport, Conn.

Rip Saw Machines

American Woodworking Machine Co., 136 Liberty, N. Y.
Atlantic Works (Inc.), 28th & Gray's Ferry rd, Phila., Pa.
Barnes, W. F. & Jno. Co., Rockford, Ill.
Bentel & Margedant Co., Hamilton, O.
Berlin Machine Works, Beloit, Wis.; 60 S Canal, Chicago; 226 Market, San Francisco, Cal., & 85 Liberty, N. Y.
Codesman Machine Co., 25 Butler, Cincinnati, O.
Cordesman, Meyer & Co., 51 Central av., Cincinnati, O.
Fay, J. A. & Egan Co., c Front & John, Cincinnati, O.
Frank Machinery Co., 50 Mechanic, Buffalo, N. Y.
Garland, M. Co., Bay City, Mich.
Grammes, L. F. & Sons, Allentown, Pa.
Holmes, E. & B. Machinery Co., Buffalo, N. Y.
Marston, J. M. & Co. (Foot Power), 228 Ruggles, Boston, Mass.
Power, L. & Co. (Self-Feed), 20 S 23d, Phila., Pa.
Sinker-Davis Co. ("Hoosier" Self-Feed), 230 S Missouri, Indianapolis, Ind.
Woods, S. A. Machine Co., 445 Dorchester av, Boston, Mass.
Yerkes & Finan Woodworking Machine Co. (Iron Frame), St. Louis, Mo.

Rivet Heading Machines

Acme Machine Co., Cleveland, O.
Ajax Mfg. Co., c Lake & Wason, Cleveland, O.
Cook, Asa S. Co., Hartford, Conn.
McMyler Mfg. Co., 182 Columbus, Cleveland, Ohio
National Machinery Co., Tiffin, O.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Upham, V. B. & Bro., 30 Hudson av, Brooklyn, N. Y.

Rivet Machinery

Acme Machinery Co., Cleveland, O.
Blake & Johnson, Waterbury Conn.
Coulter & McKenzie Machine Co., Bridgeport, Conn.

Manville, E. J. Machine Co., Waterbury, Conn.
Morgan Engineering Co., Alliance, O.
National Machinery Co., Tiffin, O.
Pittsburg Mfg. Co., Pittsburg, Pa.
Waterbury Farrell Foundry & Machine Co., Waterbury, Conn.

Rivet Machines

SHUSTER, F. B. CO., New Haven, Conn. (See adv. index, end of book)

Rivet & Hoop Applying Machines

Tubular Rivet & Stud Co., Wollaston, Mass.

Riveting Machines

Abree, Chester B. Iron Works (Pneumatic), Allegheny, Pa.
Allen, Jno. F. (Pneumatic), 370 Gerard av, N. Y.
Bethlehem Foundry & Machine Co. (Vertical Gap or Portable Alligator), South Bethlehem, Pa.
Capital City Machine Works (For Patching Cotton, Tie Bands, etc.), Columbus, O.
Chambersburg Engineering Co., Chambersburg, Pa.
CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill., & 95 Liberty, New York. (See adv. index, end of book)
CHICAGO TOOL & SUPPLY CO., 356 Dearborn, Chicago, Ill. (See adv. index, end of book)
Cross & Speirs Machine Co. (Double Blow), Waterbury, Conn.
Draher, Jno., Waterbury, Conn.
Garvin Machine Co., 137 Varick, New York
Heartley Machine Variety Iron & Tool Works (for Metal Wheels), Toledo, O.
Hilles & Jones Co. (Power), Wilmington, Del.
R. I.
Hubbell, Harvey, Bridgeport, Conn.
Long & Alstatter Co., Hamilton, O.
Morgan Engineering Co., Alliance, O.
NIAGARA MACHINE & TOOL Works (Sheet Metal), Buffalo, N. Y. (See adv. index, end of book)
Niles-Bement-Pond Co., 136 Liberty, N. Y. Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Pawtucket Mfg. Co., Pawtucket, R. I.
PHILADELPHIA PNEUMATIC TOOL Co. (Pneumatic Yoke), 21st & Allegheny av, Phila., Pa.; Hamilton bldg, Pittsburg, Pa.; Marquette bldg, Chicago, Ill.; 150 Beale, San Francisco, Cal.; 185 Summer, Boston, Mass., & 149 B'way, N. Y. (See adv. index, end of book)
Port Huron Air Tool Co. (Ltd.), Port Huron, Mich.
Railway Appliances Co., Old Colony bldg, Chicago, Ill., & 114 Liberty, N. Y.
Root Bros. Co., Plymouth, O.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.
SHUSTER, F. B. CO. (Elastic Rotary Blow, etc.), New Haven, Conn. (See adv. index, end of book)
Stimpson, Edwin B. & Son (Leather), 14 Spruce, N. Y.
Toledo Machine & Tool Co., Toledo, O.
Watson-Stillman Co., 46 Dey, New York
Whiting, Geo. Co. (Power), 428 N Halsted, Chicago, Ill.
Wickes Bros., Saginaw, Mich.
Williams, White & Co., Moline, Ill.
Wood, R. D. & Co., 400 Chestnut, Phila., Pa.

Riveting Machines, Fire Door

Morgan Engineering Co., Alliance, O.

Riveting Machines (Hoop)

Strait, H. N., Kansas City, Mo.

Riveting Machines, Hydraulic

Alliance Machine Co., Alliance, O.
Chambersburg Engineering Co., Chambersburg, Pa.
Fisher Foundry & Machine Co., Pittsburg, Pa.
Morgan Engineering Co., Alliance, O.
Niles-Bement-Pond Co., 136 Liberty, N. Y. Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Pennsylvania Iron Works Co., 50th & Lancaster av, Phila., Pa.
Philadelphia Roll & Machine Co., S 23d & Wash'n av, Phila., Pa.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.
Watson-Stillman Co., 46 Dey, New York
Wickes Bros. (Portable), Saginaw, Mich.
Wood, R. D. & Co., 400 Chestnut, Phila., Pa.
Wood, W. H., Media, Pa.

Riveting Machines, Pneumatic

(See Pneumatic Riveters.)

Riveting Machines, Portable

Allen, Jno. F. (Pneumatic), 370 Gerard av,
Bethlehem Foundry & Machine Co. (Alligator, etc.), South Bethlehem, Pa.
CHICAGO PNEUMATIC TOOL CO. (Pneumatic), Fisher bldg, Chicago, Ill., & 95 Liberty, New York. (See adv. index, end of book)
CHICAGO TOOL & SUPPLY CO., 356 Dearborn, Chicago, Ill. (See adv. index, end of book)
RELIANCE PNEUMATIC TOOL CO., Channing & Franklin avs, St. Louis, Mo. (See adv. index, end of book)
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.
Wickes Bros., Saginaw, Mich.
Wood, Wm. H., Media, Pa.

Riveting Machines (Spoke)

Williams, White & Co., Moline, Ill.

Riveting Machines (Steam)

Bethlehem Foundry & Machine Co. (Vertical Gap or Portable Aligator), South Bethlehem, Pa.
Hillis & Jones Co., Wilmington, Del.
Morgan Engineering Co., Alliance, O.
Niles-Bement-Pond Co., 136 Liberty, N. Y. Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Pusey & Jones Co., Wilmington, Del.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.

Riveting Machines (Wheel)

Long & Allstatter (Belt, Motor & Steam Driven), Hamilton, O.

Road Making Machinery

See Asphalt Machinery.
Also Concrete and Mortar Mixers.
Also Ditching Machines.
Also Plows, Contractors'.
Also Road Machines & Graders.
Also Road Scrapers, Drag & Wheel.
Also Rock and Ore Crushers.
Also Rollers, Steam Road.

For all other Road Making Specialties see Index of Contents.

Rod, Pin & Dowel Machines

American Wood Working Mach. Co., 136 Liberty, N. Y.; Williamsport, Pa., & 45 S Canal, Chicago, Ill.
Atlantic Works (Inc.), 23d & Arch, Phila., Pa.
Baker Bros., Toledo, O.
Bentel & Margedant Co. (Power or Hand Feed), Hamilton, O.
Cordesman Machine Co., 27 Butler, Cincinnati, O.
Cowdrey, C. H. Machine Works, Fitchburg, Mass.
Fay, J. A. & Egan Co., cor Front & John, Cincinnati, O.
Goodspeed Machine Co., Winchendon, Mass.
Holmes, E. & B. Machinery Co., Buffalo, N. Y.
Merritt Mfg. Co., Lockport, N. Y.
Moshannon Mfg. Co., Philipsburg, Pa.
Smith, H. B. Machine Co., Smithville, N. J., & 121 Liberty, N. Y.
Trevor Mfg. Co., Lockport, N. Y.

Rod & Tube Pointing Machines

Excelsior Needle Co., Torrington, Conn.

Roll Grooving Machines

Pratt & Whitney Co., Hartford, Conn.
Seneca Falls Mfg. Co., Seneca Falls, N. Y.

Rolling Mill Machinery & Construction

(See also Tin Plate Mill Machinery, etc.)

Aetna Foundry & Machine Co., Warren, O.
Allentown Rolling Mills, Allentown, Pa.
Alliance Machine Co., Alliance, O.
American Foundry & Construction Co., Hazelwood av & B. & O. R. R., Pittsburg, Pa.
Bethlehem Steel Co., South Bethlehem, Pa., & 100 B'way, New York
Birmingham Iron Foundry, Derby, Conn.
Blake & Johnson, Waterbury, Conn.
Braddock Machine & Mfg. Co. (Bar, Sheet, Plate, Rod, Wire, Tin Plate & Mill Construction), Braddock, Pa.
Brown-Corliss Engine Co., Corliss, Wis.
BROWNING ENGINEERING CO., (Clutches Only), Cleveland, O. (See adv. index, end of book)
Canton Roll & Machinery Co., Canton, O.
Carlin, W. J. Co., Lewis blk, Pittsburg, Pa.
Centre Foundry Co., Wheeling, W. Va.
Cincinnati Punch & Shear Co., 1416 Pium, Cincinnati, O.
Curry & Vannan, Danville, Pa.
Davenport Foundry & Machine Co., Davenport, Ia.
Diamond Drill & Machine Co., Birdsboro, Pa.
Eppinstall, H. Forge Co., 47th & A. V. R. R., Pittsburg, Pa.
Farrell Foundry & Machine Co. (For Brass, Copper, Zinc, Britannia, etc.), Ansonia, Conn.
Fischer Foundry & Machine Co., S 21st & Mary, Pittsburg, Pa.
Garrison, A. Foundry Co., 9th & Bingham, Pittsburg, Pa.
Hogg, Geo. A. Iron & Steel Foundry Co., Pittsburg, Pa.
Hyde Park Foundry & Machine Co., Hyde Park, Pa., & Frick bldg, Pittsburg, Pa.
Kilby Mfg. Co., Cleveland, O.
Lewis Foundry & Machine Co., 1001 Bingham, Pittsburg, Pa.
Mackintosh, Hemphill & Co., ft 12th, Pittsburg, Pa.
Mahoning Foundry & Machine Co., Youngstown, O.
Marshall & Huschart Machinery Co., 62 S Canal, Chicago, Ill., & 24 Lake, Cleveland, O.
Mesta Machine Co., Pittsburg, Pa.
Morgan Construction Co., Worcester, Mass.
Morgan Engineering Co., Alliance, O.
Newbold, R. S. & Son Co., Norristown, Pa.
Penna. Engineering Works, New Castle, Pa.
Phila. Roll & Machine Co., S 23d & Wash'n av, Phila., Pa.
Phillips, F. R. & Sons, Penna bldg, Phila., Pa.
Phillips & McLaren, 24th & Smallman, Pittsburg, Pa.
Reading Iron Co., Reading, Pa.
Scaife Foundry & Machine Co., 28th & Smallman, Pittsburg, Pa.
Seaman Sleeth Co. (Sand & Chilled Rolls Only), 41st & A. V. Ry., Pittsburg, Pa.
Sennett, Geo. B. Co., Youngstown, O.
Southwark Foundry & Machine Co., 5th & Wash'n av, Phila., Pa.
Standard Machinery Co., Providence, R. I.
Stevenson Co., Wellsville, O.
Thompson, Hugh L., 57 Main, Waterbury, Conn.
Tod, William Co. (Engines, etc.), Youngstown, Ohio
Trethewey, Samuel & Co. (Ltd.), 47th nr Butler, Pittsburg, Pa.
Tyrone Foundry & Machine Co., Tyrone, Pa.

United Engineering & Foundry Co., Farmers' Bank bldg, Pittsburg, Pa., & Youngstown, Ohio
Variety Iron Works Co., Cleveland, O.
Vulcan Foundry & Machine Co., New Castle, Pa.
Waterbury, Farrell Foundry & Machine Co., Waterbury, Conn.
Weimer Machine Works Co., Lebanon, Pa.
Wellman-Seaver-Morgan Co., Cleveland, O., & Akron, O.
West Penn Foundry & Machine Co., Avonmore, Pa.
Wheeling Mold & Foundry Co., Wheeling, W. Va.
Wolf Co. (Inc.), Chambersburg, Pa.
Youngstown Foundry & Machine Co., Youngstown, O.

Rolling Mill Plants, Continuous

Morgan Construction Co., Worcester, Mass.

Roofing Machines

American Clay Working Machinery Co., Bucyrus, O., & Willoughby, O.
Dwight Slate Machine Co., Hartford, Conn.
Lyon, Conklin & Co., 31 Light, Baltimore, Md.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
White, Robert, ft Columbia, Brooklyn, N. Y.

Roofing Tile Machinery

American Clay Working Machinery Co., Bucyrus, O.
Raymond, C. W. Co., Dayton, O.

Rope Transmitting Machinery

(See also Power Transmitting Machinery.)

Barnard & Less Mfg. Co., Moline, Ill.
BROWN, A. & F. CO., 25 Dey, New York. Works, Elizabeth, N .J. (See adv. front colored page)
Caldwell, H. W. & Son, 17th & Western av, Chicago, Ill.
Cresson, Geo. V. Co., Allegheny av W of 17th, Phila., Pa., & 141 Liberty, N. Y.
Dodge Mfg. Co., Mishawaka, Ind.; 43 Dey, N. Y.; 166 S Clinton, Chicago; 128 W 3d, Cinn., O., & 137 Purchase, Boston, Mass.
Downie-Wright Mfg. Co., York, Nebr.
HOWARD IRON WORKS, Buffalo, N. Y., & 126 Liberty, N. Y. (See adv. index, end of book)
JEFFREY MFG. CO., Columbus, O.; 41 Dey., N. Y., & Equitable bldg, Denver, Col. (See adv. index, end of book)
Link Belt Engineering Co. (Manilla Rope, etc.), Nicetown, Phila., Pa.; 47 Dey, New York, & Park bldg, Pittsburg, Pa.
Kenney & Co., Scottdale, Pa.
Link Belt Machinery Co. (Manilla Rope, etc.), W 39th & Stewart, Chicago, Ill.
MINNEAPOLIS STEEL & MACHINE- ry Co., Minneapolis, Minn. (See adv. index, end of book)
Nordyke & Marmon Co., Indianapolis, Ind.
Tamaqua Mfg. Co., Tamaqua, Pa.
Tate, Jones & Co., Empire bldg, Pittsburg, Pa.
WEBSTER MFG. CO., 1075 W 15th, Chicago, & 38 Dey, New York. (See adv. index, end of book)
WELLER MFG. CO., 118 North av, Chicago, Ill. (See adv. index, end of book)
Wood's, T. B. Sons, Chambersburg, Pa.

Rope & Twine Machinery

(See Cordage Machinery.)

Rosette & Corner Block Machines

American Steam Pump Co., Battle Creek, Mich.
Pringle & Brodie Machinery Co., 277 S Canal, Chicago, Ill.

Rotary Printing & Rewinding Machines

Kidder Press Co., Dover, N. H., & 150 Nassau, N. Y.

Round Cornering Machines

Southward Bros. (The Sterling), Portland, Me.

Routing Machines

Bentel & Margedant Co., Hamilton, O.
Cordesman Machine Co., 25 Butler, Cincinnati,
Royle, Jno. & Sons (Inc.), Paterson, N. J.
Smith, H. B. Machine Co., Smithville, N. J., & 121 Liberty, N. Y.

Routing & Mortising Machines (Gang)

Bentel & Margedant Co., Hamilton, O.

Rubber Machinery

Adamson, Alex., Akron, O.
Aiton Machine Co. (Rubber Mills, Driers, Vulcanizers & Machines), 39 Cortlandt, New York
Akron Engineering Co., Akron, O.
American Tool & Machine Co. (Spreaders & Mixers), 109 Beach, Boston, Mass.
Atlas Foundry & Machine Co., Belleville, N. J.
Birmingham Iron Foundry, Derby, Conn.
Currier, Cyrus & Sons, Newark, N. J.
ELMES, CHAS. F. ENGINEERING Works, c Fulton & N Sagamon, Chicago, Ill. (See adv. index, end of book)
Excelsior Machine Works, Akron, O.
Farrell Foundry & Machine Co., Ansonia, Conn.
Mackenzie, Duncan, Hamilton av, Trenton, N. J.
National Water Tube Boiler Co. (Grinders, Washers, Calenders, etc.), New Brunswick, N. J.
Philadelphia Roll & Machine Co., S 23d & Wash'n av, Phila., Pa.
Royle, Jno. & Sons, Paterson, N. J.
Thropp, Jno. E. Sons Co., ft of Lewis, Trenton, N. J.
Turner, Vaughn & Taylor Co., Cuyahoga Falls, O.
Williams Foundry & Machine Co., Akron, O.

Safety Pin Machinery

Wilson, A. H. Machinery Co., Bridgeport, Conn.

Salt Making Machinery

Bartlett, A. F. & Co., Saginaw, Mich.

Salt Well Machinery

Bartlett, A. F. & Co., Saginaw, Mich.
Garland, M. Co., Bay City, Mich.
Great Western Mfg. Co. (for Salt Mills), Leavenworth, Kan.
Jackson & Church Co., Saginaw, Mich.
Manistee Iron Works Co., Manistee, Mich. index, end of book)
Smalley Bros. & Co., Bay City, Mich.
WARSAW ELEVATOR CO., Warsaw, N. Y., & Erie Co. B'k bldg, Buffalo, N. Y. (See adv. index, end of book)

Sand Blast Machines

Astle, H. J. & Co., Providence, R. I.
Honey, Jno. F., ft. E 109th, N. Y.
Nash, Geo. & Co., 24 S Clinton, Chicago
PAXSON, J. W. CO. ("Paxson-War- ren" for Cleaning Steel & Castings), 1021 N Delaware av, Phila., Pa. (See adv. end of book)
Stehn Mfg. Co. (for Founders), Sheboygan, Mich.
Tilghman-Brooksbank Sand Blast Co., 409 Commerce, Phila., Pa.
Ward, Edgar T. Sons, 23 Purchase, Boston, Mass.

Sand Brick Machines

STANDARD SAND & MACHINE CO. ("Simplicity" for Pressed Sand Brick), Cleveland, O. (See adv. index, end of book) end of book)

Sand Drum Machines

Bentel & Margedant Co., Hamilton. O.

Sand Mixing Machines

Obermayer, S. Co., 647 Evans, Cincinnati, O.
PAXSON, J. W. CO., 1021 N Dela- ware av, Phila., Pa. (See adv. index, end of book)
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.
Sly, W. W. Mfg. Co. ("Sly" Incorporator), Cleveland, O.
SMITH, J. D. FOUNDRY SUPPLY CO., 40 S Water, Cleveland, O., & 2143 Central av, Cincinnati, O. (See adv. index, end of book)
Standard Sand & Machine Co. (Mixer & Screen Combined), 1509 St. Clair, Cleveland, O.

Sand Molding Machines

(See Molding Machines, Foundry.)

Sand Papering Machines

American Wood Working Machine Co., 136 Liberty, New York; 45 S Canal, Chicago, & Williamsport, Pa.
Atlantic Works (Inc.), 23d & Arch, Phila., Pa.
Bentel & Margedant Co., Hamilton, O.
Berlin Machine Works, Beloit, Wis.; 60 S Canal, Chicago; 226 Market, San Francisco, Cal., & 85 Liberty, N. Y.
CHICAGO PNEUMATIC TOOL CO., (Pneumatic), Fisher bldg, Chicago, & 95 Liberty, New York. (See adv. index, end of book)
Cordesman Machine Co., 25 Butler, Cincinnati, O.
Defiance Machine Works, Defiance, O.
Doig, Wm. S. (Est. of) (For Boxes, etc.), 54 Franklin, Brooklyn, N. Y.
Fay, J. A. & Egan Co., Front & John, Cincinnati, O.
Grammes, L. F. & Sons, Allentown, Pa.
Greenlee Bros. & Co., 225 W 12th, Chicago, Ill.
Hayes Machine Co. (Inc.), 108 West, Brooklyn, N. Y.
Moore Carving Machine Co. ("Victor Imperial"), 1921 Portland av, Minneapolis, Minn.
Ober Mfg. Co. (Handles, Poles, etc.), Chagrin Falls, O.
Power, L. & Co., 20 S 23d, Phila., Pa.
Seelye Mfg. Co., 118 South, Boston
Smith, H. B. Machine Co., Smithville, N. J., & 121 Liberty, N. Y.
Waldron, Jno. Co., New Brunswick, N. J.
White, Jno A. & Co., Dover, N. H.
Winship Mfg. Co., Racine, Wis.

Sand Sifting Machines

OBERMAYER, S., CO., 647 Evans, Cincinnati, O.; 18th & Rockwell, Chicago; Pittsburg, St. Louis, Detroit, Denver, Philadedlphia, Pa., & San Francisco, Cal. (See adv. index, end of book)

Sander & Boring Machines

Bentel & Margedant Co. (Flexible Arm), Hamilton, O.

Sanding & Polishing Machinery

Bentel & Margedant, Hamilton, O.
West St. Louis Machine & Tool Co., 606 Manchester av, St. Louis, Mo.

Sash, Door & Blind Machinery

American Wood Working Machine Co., 136 Liberty, New York, & 45 S Canal, Chicago, & Williamsport, Pa.
Bentel & Margedant Co., Hamilton, O.
Berlin Machine Works, Beloit, Wis.; 60 S Canal, Chicago; 226 Market, San Francisco, Cal., & 85 Liberty, New York

Fay, J. A. & Egan Co., c Front & John, Cincinnati, O.
Frank Machinery Co., 50 Mechanic, Buffalo, N.Y.
Greenlee Bros. & Co., 225 W 12th, Chicago
Hayes, E. B. Machine Co., Oshkosh, Wis.
Hendy, Joshua Machine Works, San Francisco, Cal.
Holmes, E. & B. Machinery Co., Buffalo, N. Y.
Power, L. & Co., 20 S 23d, Phila., Pa.
Smith, S. B. Machine Co., Smithville, N. J., & 121 Liberty, New York
Yerkes & Finan Woodworking Machine Co., St. Louis, Mo.

Sash Grooving Machines

Smith & Phillips Mfg. Co., 97 W Adams, Chicago

Sash Trimmer Machines

Heald Machine Co. (for Diamond & Irregular Sash), Worcester, Mass.

Saw Filing & Slitting Machines

Cunningham, E. E., Worcester, Mass.
Detrick & Harvey Machine Co., 508 E Preston, Baltimore, Md.

Saw Fitting Machinery

Oldham, Joshua & Sons (Inc.), 112 26th, Brooklyn, N. Y.

Saw Mill Machinery

(See also Saw Mills, Various Kinds.)
Also Shingle Mill Machinery.

Adams, W. T. Machine Co., Corinth, Miss.
Alabama Iron Works, Mobile, Ala.
Albany Iron Works, Albany, Ore.
Allis-Chalmers Co., New York Life bldg, Chicago, & 71 B'wy, New York. Works, Chicago, Ill.; Scranton, Pa., & Milwaukee, Wis.
American Saw Mill Machinery Co., Hackettstown, N. J.
Ashland Iron Works, Ashland, Ore.
Atlanta Machine Works, Atlanta, Ga.
Aultman & Taylor Machinery Co., Mansfield, O.
Bartlett, A. F. & Co., Saginaw, Mich.
Bartley, Wm. & Son, Bartley, N. J.
Bartlett-Tewksbury Machine Mfg. Co., Birmingham, Ala.
Bass Foundry & Machine Co., Fort Wayne, Ind.
Beggs, Jas. H. Co. (Dealers), 109 Liberty, New York
Brown Corliss Engine Co., Corliss, Wis.
Brownell Co., Findley & 1st, Dayton, O.
Burnett Foundry & Machine Works, Ltd., Petoskey, Mich.
Camden Machinery & Supply Co., Camden, Ark.
Chambersburg Engineering Co., Chambersburg, Pa.
Chandler & Taylor Co., Indianapolis, Ind.
Chapman, T. M. Sons Co., Old Town, Me.
Chase Turbine Mfg. Co., Orange, Mass.
Chattanooga Machine Co., Chattanooga, Tenn.
Chickasaw Iron Works, Memphis, Tenn.
Clark Bros., Belmont, N. Y.
Clark Machine Co., Turner's Falls, Mass.
Cole Mfg. Co., Lakeport, N. H.
Columbia Engineering Works, Portland, Ore.
Cook, R. A., Stevens Point, Wis.
Corinth Engine & Boiler Works, Corinth, Miss.
Curtis & Co. Mfg. Co, 2201 Wash'n, St. Louis, Mo., & 42 S. Canal, Chicago, Ill.
Davenport Foundry & Machine Co., Davenport, Ia.
Davis, Geo. E., Dubuque, Ia.
De Loach Mill Mfg. Co., Atlanta, Ga.
Des Moines Mfg. & Supply Co., Des Moines, Ia.
Diamond Iron Works (Full Line), Minneapolis, Minn.
DuBois Iron Works, DuBois, Pa.
Enterprise Mfg. Co., Columbiana, O.
Escanaba Iron Works, Escanaba, Mich.
Eureka Bark Mill Co., Lancaster, Pa.
Farquhar, A. B. Co. (Ltd.), York, Pa.
FILER & STOWELL CO., Becher & Ziemer, Milwaukee, Wis. (See adv. index, end of book)
Fisher & Davis, 1024 N. Main, St. Louis, Mo.
Fort Wayne Foundry & Machine Co., Fort Wayne, Ind.
Franklin, W. H. Corvallis, Ore.
Frick Co., Waynesboro, Pa.
Fulton Engine Works, Los Angeles, Cal.
Gaar, Scott & Co., Richmond, Ind.
Gainesville Iron Works, Gainesville, Ga.
Garland, M. Co., Bay City, Mich.
Geiser Mfg. Co., Waynesboro, Pa.
Georgia Iron Works, Augusta, Ga.
Hanchett, Jno. & Bro., Big Rapids, Mich.
Hayes, F. B. Machine Co., Oshkosh, Wis.
Heilman Machine Works, Evansville, Ind.
Hench & Dromgold Co., York Pa.
Heintz, A. R. & Co., Portland, Ore.
Henderson, W. K. Iron Works & Supply Co., Shreveport, La.
Hendy, Joshua Machine Works, San Francisco, Cal.
Holshaw-Bulkley & Co., San Francisco, Cal.
Hill, W. E. & Co., Kalamazoo, Mich.
Honeyman, J. & Co., Portland, Ore.
Howell, R. R. & Co., Minneapolis, Minn.
Jackson & Church Co., Saginaw, Mich.
June, D. & Co., Fremont, O.
Kehoe, Wm. & Sons, Savannah, Ga.
Kilgore Machine Co. (Quick Acting), Minneapolis, Minn.
Kline, Lewis T., Alpena, Mich.
Kingsland Mfg. Co., 1521 N 5th, St. Louis, Mo.
Klotz Machine Co., Sandusky, O.
Knight Mfg. Co., Canton, O.
Knoxville Foundry & Machine Co., Knoxville, Tenn.
Lake Shore Engine Works, Marquette, Mich.
Lane & Bodley Co., cor John & Water, Cincinnati, O.
Larzelere Machine Co., Williamsport, Pa.
LESCHEN, A. & SONS ROPE CO., 920 N 1st, St. Louis, Mo.; 163 Wash'n, New York; 137 E Lake, Chicago, Ill., & 1717-23 Arapahoe, Denver, Colo. (See adv. index, end of book)
Lexington Engine & Saw Mill Works, Lexington, Ky.
Liddell Co. (Inc.), Charlotte, N. C.
Lister, S. G., Olympia, Wash.
Lombard Iron Works & Supply Co., Augusta, Ga.
McDonough Mfg. Co., Eau Claire, Wis.
Mallary Bros. Machinery Co., Macon, Ga.
Manistee Iron Works Co., Manistee, Mich.
Marinette Iron Works Mfg. Co., Marinette, Wis.
Mason, C. Z., Olympia, Wash.
Mecklenburg Iron Works, Charlotte, N. C.
Moltz, Jacob J., Williamsport, Pa.
Moravia Mfg. Co., Moravia, N. Y.
Morgan & Vorce (Portable), Warwick, Mass.
Murray, D. J. Mfg. Co., Wausau, Wis.
Murray Iron Works Co., Burlington, Ia.
New, Birdsall Co., Auburn, N. Y.
North Alabama Engineering Co., New Decatur, Ala.
Nove Mfg. Co., 50 Lakeview av, Buffalo, N. Y.
Ocala Foundry & Machine Works, Ocala, Fla.
Oneida Iron Works, Oneida, N. Y.
Petersburg Iron Works Co., Petersburg, Va.
Phoenix Iron Works, Portland, Oregon
Phoenix Mfg. Co., Eau Claire, Wis.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Portland Iron Works, Portland, Ore.
Prescott, D. Clint Co., Menominee, Mich.
Prescott Supply Co., Marinette, Wis.
Robinson & Co. Richmond, Ind.
Russell & Co., Masillon, O.
Salem Iron Works, Winston-Salem, N. C.
Sinker-Davis Co., Indianapolis, Ind.
Smith, Myers & Schnier Co., 621 W Front, Cincinnati, O.
Southern Engine & Boiler Works (Inc.), Jackson, Tenn.
Soule Steam Feed Works (Steam Feeds, Dogs, Dollies, Stackers, Conveyors, etc.), Meridian, Miss.
Standard Saw Mill Machinery Co., Erie, Pa.
Stearns Mfg. Co., Erie, Pa.
Struthers-Wells Co., 26 Cortlandt, New York, & Pittsburg, Pa. Works, Warren, Pa.
Trevor Mfg. Co. (Short Log, Dimension, etc.), Lockport, N. Y.
Union Iron Works, Bangor, Me.
Vulcan Iron Works, 505 Mission, San Francisco, Cal.
Vulcan Iron Works Co., Seattle, Wash.
Watertown Engine Co., Watertown, N. Y.
Wheland Machine Works, Chattanooga, Tenn.
Whitney & Whitney (Portable), Warwick, Mass.
Wickes Bros., Saginaw, Mich.

Saw Setting Machines

New Britain Machine Co., New Britain, Conn.

Saw Sharpening Machines

Atlantic Works (Inc.), 23d & Arch, Phila., Pa.
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Covel Mfg. Co., 8 S Canal, Chicago
Crown Iron Works Co., Minneapolis, Minn.
Diamond Machine Co., Providence, R. I.
Fairbanks, E. & T. Co., St. Johnsbury, Vt.
Disston, Henry & Sons (Inc.), Tacony, Phila., Pa., & 75 W Wash'n, Chicago, Ill.
Higley Sawing & Drilling Machine Co., 8 Dey, N. Y.
Keystone Machine Tool Works (Automatic), 1037 Ridge av, Phila., Pa.
Niles-Bement-Pond Co., 136 Liberty, New York. Works: Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Rogers, S. C. & Co., 10 Lock, Buffalo, N. Y.

Scratching & Overhauling Machines

Cross & Speirs Machine Co. (for Removing Bad Spots from Brass Plates, etc.), Waterbury, Conn.

Screening Machinery

JEFFREY MFG. CO., Columbus, O.; 41 Dey, New York, & Equitable bldg, Denver, Colo. (See adv. index, end of book)

Screw Cutting Machines

Costilo, Jas. E., 60 Centre, New York
Geometric Dril Co., New Haven, Conn.
Wells Bros. Co., Greenfield, Mass.
Wiley & Russell Mfg. Co., Greenfield, Mass.

Screw Heading Machines

Manville, E. J. Machine Co., Waterbury, Conn.

Screw Machines

(See also Machine Tools.)

American Tool Works Co., 6th & Eggleston av, Cincinnati, O.; 120 B'way, N. Y., & Empire bldg, Pittsburg, Pa.
Automatic Machine Co. (Automatic), Greenfield, Mass.
Brown & Shrape Mfg. Co. (Plain, Wire Feed, Automatic, etc.), Providence, R. I.
Costilo, Jas. E. (Automatic), 60 Centre, New York
Cleveland Automatic Machine Co. (Automatic), 131 2d av, Cleveland, O.
Draper Machine Tool Co., Worcester, Mass.
Draher, John, Waterbury, Conn.
Dreses Machine Tool Co., Cincinnati, O.
Flather & Co., Nashua, N. H.
Foster-Kimball Machine Co., Chicago, Ill.
Garvin Machine Co., 137 Varick, New York
Hartford Machine Screw Co. (Automatic), Hartford, Conn.
Jones & Lamson Machine Co., Springfield, Vt.
Johnson, Israel H., Jr., Co., 1422 Callowhill, Phila., Pa.
National Acme Mfg. Co. (Multiple Spindle, Automatic), Cleveland, O.
New Britain Hardware Mfg. Co. (Special), New Britain, Conn.
NIAGARA MACHINE & TOOL WKS., (Sheet Metal), Buffalo, N. Y. (See adv. index, end of book)
Niles-Bement-Pond Co. (Automatic). Main office, 136 Liberty, N. Y. Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Pawtucket Mfg. Co. Pawtucket, R. I.
Pratt & Whitney Co. (Automatic Shaping), Hartford, Conn.
Spencer Automatic Machine Screw Co., Hartford, Conn.
STRONG, CARLISLE & HAMMOND CO., 61 Frankfort, Cleveland, O. (See adv.
Warner & Swasey Co., 57 E Prospect, Cleveland, O.
Windsor Machine Co. (Automatic), Windsor, Vt.

Screw Polishing Machines

Brown & Sharpe Mfg. Co., Providence, R. I.

Screw Shaving Machines

American Tool Work Co., 6th & Eggleston av, Cincinnati, O.; 120 B'way, New York, & Frick bldg, Pittsburg, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pratt & Whitney Co., Hartford, Conn.

Screw Slotting Machines

(See also Slotting Machines.)

American Tool Works Co., 6th & Eggleston av, Cincinnati, O.; 120 B'way, New York, & Frick bldg, Pittsburg, Pa.
Brown & Sharpe Mfg. Co., Providence, R. I.
Dwight Slate Machine Co., Hartford, Conn.
Garvin Machine Co., 137 Varick, New York
Hartford Machine Screw Co., Hartford, Conn.
Hubbell, Harvey, Bridgeport, Conn.
Manville, E. J. Machine Co., Waterbury, Conn.
National Machinery Co., Tiffin, O.
Pratt & Whitney Co., Hartford, Conn.

Screw Thread Rolling Machines

Blake & Johnson, Waterbury, Conn.
Cross & Speirs Machine Co., Waterbury, Conn.
Leffler, Chas. & Co. (For Sheet Metal Screws, etc.), 63 Clymer, Brooklyn, N. Y.
Manville, E. J. Machine Co., Waterbury, Conn.
Waterbury Farrell Foundry & Machine Co., Waterbury, Conn.

Screw Wrench Machinery

Gould & Eberhardt (Upsetting, Heading, Broaching, Double Head & Bar Milling Machines, etc.), Newark, N. J.

Scroll Sawing Machines

Atlantic Works (Inc.), 28th & Gray's Ferry rd, Phila., Pa.
Barnes, W. F. & Jno Co. (Foot & Power), Rockford, Ill.
Beach, H. W., Montrose, Pa.
Bentel & Margedant Co., Hamilton, O.
Colladay, Jos. O., 624 Race, Phila., Pa.
Fay, J. A. & Egan Co., Cincinnati, O.
Frank Machinery Co., 50 Mechanic, Buffalo, N. Y.
Power, L. & Co., 20 S 23d, Phila., Pa.
Seneca Falls Mfg. Co. (Foot & Power), Seneca Falls, N. Y.
Seymour & Whitlock, Newark, N. J.
Yerkes & Finan Woodworking Machine Co., St. Louis, Mo.

Seat Back Bending Machinery

Bentel & Margedant Co., Hamilton, O.

*Sewer Cleaning Machines

HEALEY, P. J. & CO., 231 Washington, Boston, Mass. (See adv. below)

*Sewer Excavating Machinery

(See Sewer & Trench Excavating Machines.)

Sewer Pipe Machinery

Akron Engineering Co., Akron, O.
American Clay Working Machinery Co., Bucyrus, O., & Willoughby, O.
Davis-Price Fdy. & Machine Co., New Cumberland, W. Va.
Freese, E. M. & Co., Galion, O.
Means Foundry & Machine Co., Steubenville, O.
Stevenson Co., Wellsville, O.
Taplin, Rice & Co., Akron, O.
Turner, Vaughn & Taylor Co., Cuyahoga Falls, O.
Webster, Camp & Lane Machine Co., Akron, O.

Sewer & Trench Excavating Machines

Austin Mfg. Co., Manhattan bldg, Chicago, Ill. Works, Harvey, Ill.
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Shaft Boring Machines

Pratt & Whitney Co., Hartford, Conn.

Shaft Polishing Machines

Brightman Mfg. Co., Shelby, O.

Shaft Straightening Machines

Betts Machine Co., Wilmington, Del.
Brightman Mfg. Co., Shelby, O.
Fitchburg Machine Works (Shaft, etc.), Fitchburg, Mass.
Gould & Eberhardt, Newark, N. J.
New Haven Mfg. Co., New Haven, Conn.
Niles-Bement-Pond Co., 136 Liberty, New York Works: Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Philadelphia Roll & Machine Co., S 23d & Wash'n av, Phila., Pa.
Putnam Machine Co., Fitchburg, Mass.
Sellers, Wm. & Co. (Inc.), (Hand or Power), 1600 Hamilton, Phila., Pa.
Watson-Stillman Co., 210 E 43d, New York

Shaft Turning Machines

(See Lathes, Shaft Turning.)

Shaft & Pole Machinery

Defiance Machine Works, Defiance, O.

Shafting Machinery

Brightman Mfg. Co., Shelby, O.
Franklin Machine Co., Providence, R. I.

Shaping Machines

(See also Machine Tools.)

American Tool Works Co. (Crank & Geared), 6th & Eggleston, Cincinnati, O.; 120 B'way, N. Y., & Empire bldg, Pittsburg, Pa.
Barker, Wm. & Co. (Crank & Geared), c Pioneer & Culvert, Cincinnati, O.
Boynton & Plummer (Hand & Power), Worcester, Mass.
Cincinnati Shaper Co. (Crank, Geared & Traversed Head), Garrard av c Elam, Cincinnati, O.
Fay & Scott, Dexter, Me.
Fellows Gear Shaper Co. (Gear), Springfield, Vt.
Fitchburg Machine Works, Fitchburg, Mass.
Flather & Co., Nashua, N. H.
FOX MACHINE CO., 127 N Front, Grand Rapids, Mich. (See adv. index, end of book)
Garvin Machine Co., 137 Varick, New York
Gould & Eberhardt (& Drill Press Combined; also Double Triple Quick Stroke, Extension Base & Regular Style Shapers), Newark, N. J.
Hendey Machine Co., Torrington, Conn.
Kelly, R. A. Co. (Crank), Xenia, O.
MANNING, MAXWELL & MOORE, 85, 87 & 889 Liberty, New York, N. Y.; Park bldg, Pittsburg, Pa.; Williamson blk, Cleveland, O.; 22, 24 & 26 S Canal, Chicago, Ill.; 728 Arch, Phila., Pa.; 305 Frisco bldg, St. Louis, Mo., & 126 Oliver, Boston, Mass. (See adv. index, end of book)
Morton Mfg. Co. (Draw Cut), Muskegon Heights, Mich.
New Haven Mfg. Co., New Haven, Conn.
Newton Machine Tool Works, 2343 Vine, Phila., Pa.
Niles-Bement-Pond Co., 136 Liberty, N. Y. Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Perkins Machine Co., 105 M st, S Boston, Mass.
Potter & Johnston Mach. Co. (Universal), Pawtucket, R. I.
Pratt & Whitney Co., Hartford, Conn.
Putnam Machine Co., Fitchburg, Mass.
Queen City Machine Tool Co., Cincinnati, O.
Reed, J. B. (Triple Gear, etc.), Cairo, Ill.
Rhodes, L. E. (Crank), Hartford, Conn.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.
Shepard Lathe Co., 129 W 2d, Cincinnati, O.
Smith & Mills (Crank & Geared), c Spring Grove av & Township, Cincinnati, O.
Springfield Machine Tool Co. (Crank & Geared), Springfield, O.
Steptoe, Jno. Shaper Co. (Crank & Geared), 2949 Colerain av, Cincinnati, O.
Stockbridge Machine Co., Worcester, Masss.
Walcott, Geo. D. & Son (Geared & Crank), Jackson, Mich.

Shaping Machines (Wood)

(See also Wood Carving Machines.)

American Steam Pump Co. (Spindle Shapers, etc.), Battle Creek, Mich.
American Woodworking Machine Co., 136 Liberty, N. Y.; 45 S Canal, Chicago, & Williamsport, Pa.
Atlantic Works (Inc.), 28th & Gray's Ferry rd, Phila., Pa.
Bentel & Margedant Co., Hamilton, O.
Colladay, Jos. O., 656 Race, Phila., Pa.
Cordesman Machine Co., 25 Butler, Cincinnati, O.
Cordesman, Meyer & Co., 53 Central av, Cincinnati, O.
Defiance Machine Works, Defiance, O.
Fay, J. A. & Egan Co., c Front & John, Cincinnati, O.
Frank Machinery Co., 50 Mechanic, Buffalo, N. Y.
Hayes, E. B. Machine Co. (Double End), Oshkosh, Wis.
Heath, W. A. Machine Co., Lestershire, N. Y.
Klotz Machine Co., Sandusky, O.
Moshannoz Mfg. Co. (and Carved), Philipsburg, Pa.
Ober Mfg. Co. (Combined Shaper, Saw & Jointer), Chagrin Falls, O.
Power, L. & Co., 20 S23d, Phila., Pa.
Ober Mfg. Co., Chagrin Falls, O.
Porter, C. O. & A. D., Grand Rapids, Mich.
Smith, H. B. Machine Co., Smithville, N. J., & 121 Liberty, N. Y.
Yerkes & Finan Woodworking Machine Co. Double Spindle Shaper, etc.), St. Louis, Mo.

Shearing Machines (Double)

Long & Allstatter Co. (Heavy, Belt, Motor or Steam Driven), Hamilton, O.

Sheep Shearing Machines

Allen Sheep Shearing Machine Co., 11 Exchange av, U. S. Stock Yards, Chicago
American Shearer Mfg. Co., Nashua, N. H.
Chicago Flexible Shaft Co., La Salle av & Ontario, Chicago
Cooper Sheep Shearing Machine Co., 142 Illinois, Chicago
Gillette Clipping Machine Co., 114 W 32d, New York

Sheet Lead Rolling Machines

Farrell Foundry &Machine Co., Ansonia, Conn.

Sheet Metal Lath Machines

Ohl, Geo. A. & Co., Newark, N. J.

Sheet Metal Workers' Machines & Tools

(See also Punching Machines, Various Kinds.)
Also Presses, Various Kinds.
Also Shears, Various Kinds.

Adriance Machine Works, 254 Van Brunt, Brooklyn, N. Y.
American Can Co., 11 B'way, New York, & Merchants Loan & Trust bld, Chicago, Ill.
American Hdw. Mfg. Co., Ottawa, Ill.
Ayars Machine Co., Salem, N. J.
Berger Bros. Co., 237 Arch, Phila., Pa.
Bethlehem Foundry & Machine Co., South Bethlehem, Pa.
Bliss, E. W. Co., 17 Adams, Brooklyn, N. Y.
Bertsch & Co., Cambridge City, Ind.
Brown, F. S. & G. L., 20 E Fort av, Baltimore, Md.
Burritt, O. W. & Bros., Weedsport, N. Y.
Consolidated Press & Tool Co., 98 N Clinton, Chicago, Ill.
Double Truss Cornice Brake Co., Buffalo, N. Y.
Dreis & Krump 3214 S Halsted, Chicago, Ill.
Dwight Slate Machine Co. (Double Seamers), Hartford, Conn.
Eclipse Machine Co., 677 River, Troy, N. Y.
Ferracute Machine Co., Bridgeton, N. J.
Gohlke, Theo., 12th & Locust, St. Louis, Mo.
Gordon, W. J., 235 Bread, Philadelphia, Pa.
Heartley Machine Variety Iron & Tool Works, Toledo, O.
Keene, Geo. C. & Co., 2327 Florence, Cincinnati, O.
Leffler, Chas. & Co., 63 Clymer, Brooklyn, N. Y.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. below)
Ohl, Geo A. & Co., Newark, N. J.
Packham-Crimper Co., Mechanicsburg, O.
Peck, Stow & Wilcox Co., 27 Murray, N. Y., & Southington, Conn.
Pels, Henry & Co., 68 Broad, New York
Pocock, Oliver (Forming Machine), 1042 Harriet, Cincinnati, O.
Pearman Mfg. Co., Piqua, O.
Robinson, J. M. Mfg. Co., 2d & Central av, Cincinnati, O.
Swaine, Fred J. Co., St. Louis, Mo.
Toledo Machine & Tool Co., Toledo, O.
V. & O. Press Co., Glendale Station, N. Y.
V. & O. Press Co., Brooklyn, N. J.
Weiss, H. & Co., 20 Cliff, N. Y.
West Mfg. Co., 374 7th, Buffalo, N. Y.
Wold, Torris & Co., 66 N Jefferson, Chicago, Ill.

Sheet Mill Machinery

Aetna Foundry & Machine Co., Warren, O.
Braddock Machine & Mfg. Co., Braddock, Pa.
United Engineering & Foundry Co., Farmers' Bank bldg, Pittsburg, Pa., & Youngstown, Ohio

Sheet Paper Cutting Machines

Kidder Press Co., Dover, N. H., & 150 Nassau, N. Y.

Shingle Mill Machinery

Adams, W. T. Machine Co., Corinth, Miss.
Austin & Son, Grand Rapids, Mich.
Bartlett, A. F. & Co., Saginaw, Mich.
Butterworth & Lowe, Grand Rapids, Mich.
Challoner's, Geo. Sons Co., Oshkosh, Wis.
Chase Turbine Mfg. Co., Orange, Mass.
Clark Machine Co., Turner's Falls, Mass.
Cook, R. A., Stevens Point, Wis.
Curtis & Co. Mfg. Co., 2201 Wash'n av, St. Louis, Mo., & 42 S. Canal, Chicago, Ill.
Davis, Geo. E., Dubuque, Ia.
De Loach Mill Mfg. Co., Atlanta, Ga.
Farquhar, A. B. Co. (Ltd.), York, Pa.
FILER & STOWELL CO., Becher & Ziemer, Milwaukee, Wis. (See adv. index, end of book)
Georgia Foundry & Machine Works, Rome, Ga.
Gerlach, Peter & Co., 28 Columbus, Cleveland, O.
Hendy, Joshua Machine Works, San Francisco
Jackson & Church Co., Saginaw, Mich.
Lane Mfg. Co., Montpelier, Vt.
Lovell, F. S. Machine Works, Fitchburg, Mass.
Mason, C. Z., Olympia, Wash.
Michigan Iron Works, Grand Rapids, Mich.
Murray, D. J. Mfg. Co., Wausau, Wis.
Oram, Jno. S., Cleveland, O.
Perkins & Co., Grand Rapids, Mich.
Phoenix Mfg. Co., Eau Claire, Wis.
Portland Iron Works, Portland, Oregon.
Rochester Barrel Machine Works, Rochester, N. Y.
Southern Engine & Boiler Works (Inc.), Jackson, Tenn.
Standard Saw Co. (Shingle Saws only), Bradford, Pa.
Trevor Mfg. Co., Lockport, N. Y.
Union Iron Works, Bangor, Me.
United States Machine Co., Williamsport, Pa.
Vulcan Iron Works Co., Seattle, Wash.
Wheland Machine Works, Chattanooga, Tenn.
Wickes Bros., Saginaw, Mich.
Willamette Iron & Steel Works, Portland, Ore.

Shipping Tag Machines

Toledo Machine & Tool Co., Toledo, O.

Shoe Box Framing Machines

Doig, Wm. S. (Est. of), 54 Franklin, Brooklyn, N. Y.

Shoe Machinery

Adams, Jno. J., Worcester, Mass.
Allen Machine Co., Haverhill, Mass.
Automatic Heel Machinery Co., Lynn, Mass.
Bresnahan Shoe Machinery Co., Lynn, Mass.
Carver Cotton Gin Co., East Bridgewater, Mass.
Champion Shoe Machinery Co. (Wax Thread Sewing Machine, etc.), St. Louis, Mo.
Cilley, W. W. & Co. (Stitchers), Lynn, Mass.
Coffin & Shrives (Stitchers), Lynn, Mass.
Emerson, Geo. W. & Co., Lynn, Mass.
Freeman & Duckworth, Lawrence, Mass.
Freeman, Louis G., 212 E 9th, Cincinnati, O.
Heald Machine Co. (Crimping Machines), Worcester, Mass.
Keighley, Wm. B., Vineland, N. J.
King, L. B. (Stitchers), Lynn, Mass.
Osborne, J. W. & Co. (Stitchers), Lynn, Mass.
Ross-Mayer Mfg. Co., Cincinnati, O.
Seelye Mfg. Co., 118 South, Boston, Mass.
Stanbon, Chas. P & Co., Lynn, Mass.
Stimpson, Edwin B. & Son (and Supplies), 31 Spruce, N. Y.
Stanley Mfg. Co., Lawrence, Mass.
Sweetser, Wm. A., Brockton, Mass.
Tower Bros., Hudson, Mass.
Treen, Wm. H. (Stitchers), Lynn, Mass.
United Shoe Machinery Co., 205 Lincoln, Boston, Mass. Works, Lynn, Mass., & Winchester, Mass.
Wellman Sole Cutting Machine Co., Medford, Mass.

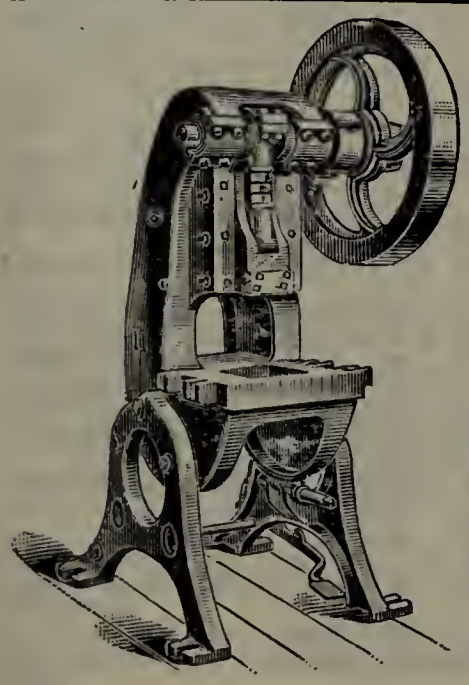
Shoe Peg Machinery

Humphrey Machine Co., Keene, N. H.

Shop Sawing Machines (Iron)

See also Metal Sawing Machines.

BUDA FOUNDRY & MFG. CO. (Rail & Shop), Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
Clark, Jas., Jr., & Co. ("Willey," Electrically Driven), 313 W Main, Louisvile, Ky.
Cleveland Punch & Shear Works Co., 156 Case av, Cleveland, O.
Higley Sawing & Drilling Machine Co., 8 Dey, N. Y.
Industrial Works, Bay City, Mich.
Newton Machine Tool Works, 2347 Vine, Philadelphia, Pa.
Niles-Bement-Pond Co., 136 Liberty, New York. Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Railroad Supply Co. (Pewer & Portable), Bedford bldg, Chicago, Ill., & 143 Liberty, New York
Woods, S. A. Machine Co. (Automatic Railway Cut-Off), 445 Dorchester av, Boston, Mass.



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Side Path Machines

Acme Road Machinery Co., Frankfort, Ky.
Ross, Chas. & Son Co., 148 Classon av, Brooklyn, N. Y.

Sifting Machinery

Great Western Mfg. Co. (for Flour Mills), Leavenworth, Kans.
Ross, Chas. & Son Co., 148 Classon av, Brooklyn, N.Y.
Richmond City Mill Works, Richmond, Ind.
Sprout, Waldron & Co., Muncy, Pa.

Sifting Machines (Automatic)

Clark & Mills Electric Co. (for Separating Dust from Broken Stone), 543 Boyleston, Boston, Mass.

Sizing or Spooling Machines

Lang, E. M. Co. (Canners), Portland, Me.

Skewer Machinery

Smith, H. B. Machine Co., Smithville, N. J.

Slabbing Machines

Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.

Slag & Cinder Machines

Heyl & Patterson (for Blast Furnaces), 51 Water, Pittsburg, Pa.

Slate Machinery

Flory, S. Mfg. Co., Bangor, Pa.
Lincoln Iron Works (Rubbing Beds Only), Rutland, Vt.
Maynard, C. T. & Co., Fairhaven, Vt.
Patch, F. R. Mfg. Co., Rutland, Vt.
Ruggles Machine Co. (Planers, Saws, Groovers, Trimmers, Drills, etc.), Poultney, Vt.

Slate Sawng Machines

Ruggles Machine Co., Poultney, Vt.

Slicing Machines (Bread, Meat, Etc.)

Arcade Mfg. Co. (also for Vegetables, Fruits, etc.), Freeport, Ill.

Slitting Machines

Bethlehem Foundry & Machine Co., So. Bethlehem, Pa.
Blake & Johnson, Waterbury, Conn.
Bliss, E. W. Co., 17 Adams, Brooklyn, N. Y.
Cross & Speirs Machine Co. (Gang, etc.), Waterbury, Conn.
Heartley Machine Variety Iron & Tool Works, Toledo, O.
Kidder Press Co., Dover, N. H.
Kimball Bros. & Sprague, Brockton, Mass.
Leflier, Chas. & Co. (For Can Makers, etc.), 63 Clymer, Brooklyn, N. Y.
National Machinery Co., Tiffin, O.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Norton & Jones Machine Tool Works, Plainville, Conn.
Toledo Machine & Tool Co., Toledo, O.
Waterbury Farrell Foundry & Machine Co., Waterbury, Conn.
Waterbury Machine Co. (Gang Slitters for Brass Goods, etc.), Waterbury, Conn.

Slot & Vending Machines

Rosenfield Mfg. Co., 585 Hudson, New York
White Mfg. Co., Chicago Ridge, Ill.

Slotting Machines

(See also Screw Slotting Machines)

Betts Machine Co. (from 2 to 8-inch stroke), Wilmington, Del.
Costilo, Jas. E., 60 Centre, New Lork
Dill, T. C. Machine Co. (Inc.), Phila., Pa.
Garvin Machine Co., 137 Varick, New York
Gould & Eberhardt, Newark, N. J.
Grant Mfg. & Machine Co., Bridgeport, Conn.
Hartford Machine Screw Co., Hartford, Conn.
Hendy, Joshua Machine Works, San Francisco, Cal.
Hendey Machine Co., Torrington, Conn.
Hewes & Phillips Iron Works, Newark, N. J.
Keystone Machine Tool Works, 1627 Ridge av, Phila., Pa.
New Haven Mfg. Co., New Haven, Conn.
Newton Machine Tool Works, 2343 Vine, Phila., Pa.
Niles-Bement-Pond Co. (Crank, Geared & Frame), 136 Liberty, N. Y. Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Pratt & Whitney Co., Hartford, Conn.
Putnam Machine Co., Fitchburg, Mass.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.
Tindel-Morris Co. (Cold Saw), Eddystone, Pa.

Smashing Machinery

Sheridan, T. W. & C. B. Co. (Bookbinders), 56 Duane, New York, & Chicago, Ill.

Smelting Machinery

Allis-Chalmers Co., New York Life bldg, Chicago, & 71 B'way, New York. Works, Chicago, Milwaukee, & Scranton, Pa.
Colorado Iron Works Co., Denver, Col.
Fulton Engine Works, Los Angeles, Cal.
Hendy, Joshua Machine Works, San Francisco, Cal.
Salt Lake Engineering Works, Salt Lake City, Utah

Smoke Test Machines

Bailey-Farrell Mfg. Co., 3d av & Ross, Pittsburg, Pa.
Gunster & Forsyth Mfg. Co., Scranton, Pa.
Knapp Mfg. Co., 22 Frankfort, N. Y.
Vanderman Plumbing & Heating Co., Willimantic, Conn.

Snuff Factory Machinery

Girard Machine Works (Inc.), 2616 Girard av, Phila., Pa.

Snuff Packing Machines (In Bottles)

Girard Machine Works (Inc.), 2616 Girard av, Phila., Pa.

Soapmakers' Machinery

Dopp, H. Wm. & Son, 522 Ellicott, Buffalo, N. Y.
Hersey Mfg. Co., 314 W 2d, Boston, Mass.
Houchin & Huber, 39 53d, Brooklyn, N. Y.

Soldering Machinery

Astoria Iron Works (Inc.) (Side Seam, Chain & Special), Astoria, Oreg.
Benedict, L. ("Leiger" Lock Seam Body Forming & Soldering Machines), 128 S Clinton, Chicago, Ill.
Crosby, G. A. & Co., 176 S Clinton, Chicago
Ferracute Machine Co., Bridgeton, N. J.
Hibbard, Wm. H., 79 Wash'n, Brooklyn, N. Y.
Lang, E. M. Co. (Wire, Drop & Stick, Single & Double Wire & Segment), Portland, Me.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
West Mfg. Co., 374 7th, Buffalo, N. Y.

Sole Leather Rolling Machines

Baker, G. W. & Co., Wilmington, Del.

Solid Die Hot Rivet Heading Machines

Ajax Mfg. Co. (Only Makers), Cleveland, O.

Spacing Machines

Grove, Jno. W. Co. ("Conley"), Farmers' B'k bldg, Pittsburg, Pa.

Special Machinery

Adriance Machine Works, 254 Van Brunt, Brooklyn, N. Y.
Alliance Machine Co., Alliance, O.
American & British Mfg. Co., Providence, R. I., & Bridgeport, Conn.
American Can Co., Merchants' Loan & Trust bldg, Chicago, Ill., & 11 B'way, New York
Atlantic Works, East Boston, Boston, Mass.
Atlas Foundry & Machine Co., Belleville, N. J.
Automatic Machine Co., Bridgeport, Conn.
Bair & Gazzam Mfg. Co., Pittsburg, Pa.
Baker Bros., Toledo, O.
Barbour-Stockwell Co., Cambridgeport, Mass.
Barr, Henry G. & Co. (Light Machinery & Tools), Worcester, Mass.
Beaman & Smith Co., Providence, R. I.
Bender, Ph. J. & Sons, 87 Frankfort, N. Y.
Bethlehem Stel Co. (Heavy), South Bethlehem, Pa., & 100 B'way, New York
Bentel & Margedant Co., Hamilton, O.
Bigelow Co. (Special Heavy), New Haven, Conn.
Bilgram, Hugo, 12th & Noble, Phila., Pa.
Birmingham Iron Foundry (Heavy, All Kinds), Derby, Conn.
Black & Clawson Co., Hamilton, O.
Bliss, E. W. Co., 19 Adams, Brooklyn, N. Y.
Blount & Lovell, 100 High, Boston, Mass.
Brandt, Edw. J. Dent Co. Watertown, Wis.
Bridgeford, Chas. (Heavy), 225 Mill, Rochester, N. Y.
Brooks, Chas. J., 27 Artizan, New Haven, Conn.
Brown, F. S. & G. L., 20 E Fort av, Baltimore, Md.
Brown Machine Co. (Light), Winsted, Conn.
Brown Specialty Machinery Co., Jackson boul & Clinton, Chicago, Ill.
Brown & Sharpe Mfg. Co., Providence, R. I.
Buchel Machine Works, 827 Conti, New Orleans, La.
Buescher Mfg. Co., Elkhart, Ind.
Builders' Iron Foundry, Providence, R. I.
Burgess, E. A. (Est. of) (& Inventions Perfected), New Haven, Conn.
Burroughs, Chas., 141 Commerce, Newark, N. J.
Butler Mfg. Co., Rochester, N. Y.
Cady, Franklin P., 1227 Euclid av, Cleveland, Ohio
Cameron-Tennant Machine Works, Richmond, Va.
Carroll Foundry & Machine Works, Bucyrus, O.
CARRON, A. M. & CO. (Light Machinery & Tools), 108 Market, Pittsburg, Pa. (See adv. index, page 1200)
Carter & Hakes Machine Co., Winsted, Conn.
Coffee, R. W. & Sons (Inc.), Richmond, Va.
COLLINS, EMMONS, 20 W Randolph, Chicago, Ill. (See adv. index, end of book)
Cook, Asa S. Co., Hartford, Conn.
Cook, Henry C. Co., Ansonia, Conn.
Cornell, J. B. & J. M. Co., 26th & 11th av, New York
Costilo, Jas. E., 60 Centre, New York
Coulter & McKenzie Machine Co., Bridgeport, Conn.

Cowdrey, C. H. Machine Works, Fitchburg, Mass.
Crescent Novelty Mfg. Co. (also Experimental), 703 S B'way, St. Louis, Mo.
Davis, W. P. Machine Co., Rochester, N. Y.
Davenport Machine Works (Heavy, all kinds), Davenport, Ia.
Detrick & Harvey Machine Co., 508 E Preston, Baltimore, Md.
Diamond Drill & Machine Co., Birdsboro, Pa.
Diescher Coupler Co., 41st & A. V. Ry., Pittsburg, Pa.
Dillon Machine Co., Dallas, Tex.
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y., & 42 Dey, New York. (See adv. index, end of book)
Dodge Bros., Detroit, Mich.
Dodge Machine Works, Syracuse, N. Y.
Downie-Wright Mfg. Co., York, Pa.
Dwight Slate Machine Co., Hartford, Conn.
Eagle Tool & Machine Co. (Special Machinery & Tools), 120 Sandusky, Allegheny, Pa.
Eastwood Wire Mfg. Co. (Heavy & Finc), Belleville, N. J.
ELMES, CHAS. F. ENGINEERING Works (Mills, Linseed & Oil Machinery), Fulton, c N Sangamon, Chicago. Il. (See adv. index, end of book)
Enterprise Machine Works, Richmond, Va.
Eppinstall, H. Forge Co., 47th & A. V. R. R., Pittsburg, Pa.
Fenn-Sadler Machine Co., Hartford, Conn.
Fischer Foundry & Machine Co. (Heavy), Pittsburg, Pa.
Fitchburg Machine Works, Fitchburg, Mass.
Foote Bros. Gear & Machine Co. (Gears Cut, etc.), 24 S Clinton, Chicago, Ill.
Franklin Machine Co., Providence, R. I.
Freeman, Walter K. (Devices & Apparatus of Precision), 403 E 23d, New York
Geometric Drill Co., New Haven, Conn.
Girard Machine Works (Inc.), (Automatic & Special), 2616 Girard av, Phila., Pa.
Gould & Eberhardt, Newark, N. J.
Griswold, Geo. M., 187 St. John, New Haven, Conn.
Harman-Cogger Co., Bloomsburg, Pa.
Harrington, Edwin Son & Co. (Inc.), 1515 Penn, Phila., Pa.
Hartz, Henry V. & Co., Cleveland, O.
Heartley Machine Variety Iron & Tool Works, Hoefer Mfg. Co., Freeport, Ill. Toledo, O.
Hogg, Geo. A. Iron & Steel Foundry Co. (for Rolling Mills, etc.), 24th & R. R., Pittsburg, Pa.
Houchin & Huber, 35 53d, Brooklyn, N. Y.
HURD & CO. (Automatic Machinery & Experimental Work & Models), 304 Hudson, New York. (See adv. index, end of book)
Johnson, Israel H. Jr., Co., 1426 Callowhill.
Kane & Roach, Niagara & Shonnard, Syracuse, N. Y.
Keagy & Lear Machine Co., Coshocton, O.
Kent Machine Works, 248 Plymouth, Brooklyn, N. Y.
Keystone Machine Tool Works, 1037 Ridge av, Phila., Pa.
KIDDER, R. E., 2 Hermon, Worcester, Mass. See adv. index, end of book)
Kilby Mfg. Co. (Heavy), Cleveland, O.
Konigslow, E. Stamping & Tool Works (Light), 184 Champlain, Cleveland, O.
Leader Mfg. Co., Decatur, Ill.
Leffler, Chas. & Co. (Experimental), 63 Clymer, Brooklyn, N. Y.
Leland & Faulconer Mfg. Co., Detroit, Mich.
McCarthy Bros. & Ford (Electrical), Buffalo, N. Y.
McKibbin, G. N. Mfg. Co., South Norwalk, Conn.
Mansfield Engineering Co. (of all kinds), Mansfield, O.
Manville Bros. Co., 25 Benedict, Waterbury, Conn.
Mergenthaler-Ott Co. (Inc.) (Specialty Automatic Machines), Baltimore, Md.
Moline Tool Co., Moline, Ill.
Montague Iron Works, Montague, Mich.
Morris, I. P. Co. (Heavy), Beach & Ball, Phila., Pa.
Morris, P. Hollingsworth (Heavy, Hydraulic & High Speed, etc.), 1501 S Front, Phila., Pa.
Morton Mfg. Co., Muskegon Heights, Mich.
Mossberg, Frank Co.(Light Machinery & Tools), Attleboro, Mass.
Mount Carmel Bolt Co. (Small), Mount Carmel, Conn.
National Automatic Tool Co., Dayton, O.
National Machine Co., Hartford, Conn.
Nazel Machine Tool Works, 1042 Ridge av, Phila., Pa.
Newbold, R. S. & Son Co., Norristown, Pa.
Newport Mfg. Co., Newport, R. I.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Niles-Bement-Pond Co., 136 Liberty, New York Works: Hamilton, O.: Philadelphia, Pa., & Plainfield, N. J.
Norton & Jones Machine Tool Works, Plainville, Conn.
Pacific Iron Works (Inc.), Bridgeport, Conn.
Penna. Iron Works Co., Phila., Pa., & 277 B'way, New York
Phillips & McLaren, 24th & Smallman, Pittsburg, Pa.
Phila., Roll & Machine Co., S 23d & Wash'n av, Phila., Pa.
Poole, J. Morton Co., Wilmington, Del.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Pratt & Whitney Co., Hartford, Conn.
Pringle & Brodie Machinery Co., 277 S Canal, Chicago
Queen City Engineering Co., 49 Illinois, Buffalo, N. Y.
Redington, F. B. & Co., 34 W Monroe, Chicago
Richard Mfg. Co., Bloomsburg, Pa.
Rittenhouse, Frank, Norristown, Pa.
Robinson, Jno. T. & Co., Hyde Park, Mass.
Royal Machine Co., 61 N. J. R. R. av, Newark, N. J.
Royersford Foundry & Machine Co., Royersford, Pa.
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
Salem Iron Works (Inc.), (Also Experimental, Including Details, Drawings, etc.), Winston-Salem, N. C.
Schutte, L. & Co., 1251 N 12th, Phila., Pa.
Seekamp, H. D. Machine Co., 119 N 7th, St. Louis, Mo.
Seifert, C. H. (Textile, etc.), 306 Master,
Sellers, Wm. & Co., 1600 Hamilton, Phila., Pa.
Shawver Co., Springfield, O.
SHUSTER, F. B. CO., New Haven, Conn. (See adv. for particulars regarding the manufacture of all kinds of special machinery)
Sigourney Tool Co., Hartford, Conn.
Simonds Mfg. Co., Pittsburg, Pa.
Sipp Electric & Machine Co., Paterson, N. J.
Skidmore, P. H. & Sons, Bridgeport, Conn.
Standard Machine Works, Newark, N. J.
Stellman, L. H., Battleboro, Vt.
Tacony Iron Co., 713 Chestnut, Phila., Pa.
Tannewitz, Edw., Grand Rapids, Mich.
Taunton Locomotive Mfg. Co., Taunton, Mass.
Taylor, Wilson &Co. (Ltd.), Allegheny, Pa.
Thurston Mfg. Co., Providence, R. I.
Tod, Wm. Co. (Hydraulic & Special), Youngstown, O.
Torrington Mfg. Co. (Dies & Tools), Torrington, Conn.
Trask, Chas. A., Jackson, Mich.
Trump Bros. Machine Co. (Light), Wilmington, Del
United Engineering & Foundry Co., Farmers' Bank bldg, Pittsburg, Pa., & Youngstown, Ohio
United States Rapid-Fire & Gun Powder Co. (Heavy), Derby, Conn.
V. & O. Press Co., Glendale Station, L. I., N. Y.
Van Dorn & Dutton Co., 1796 E Madison av, Cleveland, O.
WARSAW ELEVATOR CO., Warsaw, N. Y., & Erie Co. Bk bldg, Buffalo, N. Y. (See adv. index, end of book)
Washburn Shops of the Polytechnic Institute, Worcester, Mass
Waterbury Farrell Foundry & Machine Co., Waterbury, Conn.
Webster & Perks Tool Co., Springfield, O.
Wellman Sole Cutting Machine Co. (Automatic Machinery Designed & Constructed), Medford, Mass.
Williams, White & Co., Moline, Ill.
Wilson, J. E., 145 Stratford av, Bridgeport, Conn.
Wilson, W. A. Machine Co., Rochester, N. Y
Wishart, Jno. Machine Works, 39 S Canal, Chicago, Ill.
Wold, Torris & Co. (for Sheet Metal), 66 N Jefferson, Chicago, Ill.
Wolf & Colthar, Springfield, O.

Spike Machinery

Hogg, Geo. A. Iron & Steel Foundry Co., 24th & R. R., Pittsburg, Pa.
National Machinery Co. (Hand Feed, etc.), Tiffin, O.
Pittsburg Mfg. Co., Pittsburg, Pa.

Spindle Carving Machines

Porter, C. O. & A. D., Grand Rapids, Mich.

Splitting Machines

Long & Allstatter Co. (& Cross-Cutting Shears for Plate & Round or Flat Bar Iron or Steel, Belt, Motor or Steel Driven), Hamilton, O.
Seymour & Whitlock, Newark, N. J.
Stimpson, Edwin B. & Son (for Leather, etc.), 31 Spruce, N. Y.

Spoke Machinery

(See Hub, Spoke & Rim Machinery.)

Spool Machinery

Defiance Machine Works, Defiance, O.
Goodspeed Machine Co., Winchendon, Mass.
Kline, Lewis T. (General Line), Alpena, Mich.

Spraying Machines

Field Force Pump Co. (Hand & Horse Power), Elmira, N. Y.
Nixon Nozzle & Machine Co. ("Climax"), Dayton, O.

Spring Bed Machinery

Hoefer Mfg. Co., Freeport, Ill.
Houchin & Huber, 39 53d, B'klyn, N. Y.

Spring Coiling Machines

American Can Co., Merchants' Loan & Tr. bldg, Chicago, & 11 B'way, New York
Blake & Johnson, Waterbury, Conn.
Coulter & McKenzie Machine Co., Bridgeport, Conn.
Evans', Jno. Sons (Light & Heavy), 13th & Buttonwood, Phila., Pa.
Garvin Machine Co., 137 Varick, New York
Hoefer Mfg. Co. (Automatic, Furniture Spring), Freeport, Ill.
Pratt & Whitney Co., Hartford, Conn.

Spring Knotting Machines

Hoefer Mfg. Co., Freeport, Ill.

Stair Routing Machines

Smith & Phillips Mfg. Co., 97 W Adams, Chicago, Ill.

Stamping Machines (Adjustable)

Smith, Ira B. (for Stamping Name on Spoons & Metal), Bristol, Conn.

Staple Machines

Acme Staple Co., 500 N 12th, Phila., Pa.
Bates Machine Co., Joliet, Ill.
Hoefer Mfg. Co., Freeport, Ill.
SHUSTER, F. B. CO. (Shear & Barbed Point, Automatic), New Haven, Conn. (See adv. index, end of book)
Special Machinery Co. (Special Automatic), Bridgeport, Conn.
Sweeter, Wm. A., Brockton, Mass.

Stapling Machines

Saranas Mfg. Co. (Butter Dish, Fruit Package, etc.), St. Joseph, Mich.
Stimpson, Edwin B. & Sons, 31 Spruce, N. Y.

Starch Factory Machinery

Kaestner & Co. (Inc.), 241 S Jefferson, Chicago, Ill.
Nordyke & Marmon Co., Indianapolis, Ind.
Remmers, B. & Sons (Consulting & Construct-in Engineers, Complete Equipments), Bourse bldg, Phila., Pa.
Straub Machinery Co., 1956 W 6th, Cincinnati, O.

Static Electric Machines

A. & C. Mfg. Co., Cleveland, O.
Birtman, C. F. Co., 35 Randolph, Chicago, Ill.
Dodd & Struthers, Des Molnes, Ia.
Electro-Therapeutic Mfg. Co., Indlanapolis, Ind.
Engeln, H. P. & Co., Rose bldg, Cleveland, O.
Harvard Electric Co., 224 S Clinton, Chicago, Ill.
Knott, L. M. Apparatus Co., 15 Harcourt, Boston, Mass.
McElliott, D. P., 37 State, Chicago, Ill.
McIntosh Battery & Optical Co., 39 W Randolph, Chicago, Ill.
Nelson, N. O. & Co., 247 N Wells, Chicago, Ill.
QUEEN & CO. (Inc.), 1010 Chestnut, Phila., Pa., & 59 5th av, N. Y. (See adv. index, end of book)
Swett & Lewis Co., 657 Wash'n, Boston. Mass.
Van Houten & Tenbroeck ("Norton"), 300 4th av, N. Y.
Wagner, R. V. & Co., 308 Dearborn, Chicago, Ill.
Walte & Bartlett Mfg. Co. ("Ranney"), 217 E 23d, N. Y.

Stave Jointing Machines

Mack & Co., Rochester, N. Y.

Stave & Heading Machinery

(See Barrel, Keg, Stave & Heading Machinery.)

Staybolt Breaking Machines

Baird Portable Machine Co., Topeka, Kans.

Staybolt Threading Machines

Acme Machinery Co., Cleveland, O.

Steel Shank Machinery

Sweetser, Wm. A., Brockton, Mass.

Stencil Cutting Machines

Bradley Stencil Machine Co., St. Louis, Mo., & 101 Beekman, N. Y.
Gibbs-Brower Co. (Elliott), 150 Nassau, New York

Stereoscopic Machines

Rosenfield Mfg. Co. ("Victoria," Automatic), 585 Hudson, New York

Stone Channeling Machines

INGERSOLL-SERGEANT DRILL CO., The (Steam or Air, Bar, Track & Undercutting), 26 Cortlandt, New York. Offices, Old Colony bldg, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 1st av, Seattle, Wash.; Corestine bldg, Montreal, Canada; Mexico City, Calle 2a de Dolores No. 20, Mexico, D. F.; London, Eng., 114a Queen Victoria st; Paris, France, 51 Rue de la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S.W., 187 Clarence st; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co.; Lima, Peru, W. R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv. index, end of book)
Lord, Bowler & Co., 41 Centre, Cleveland, O.
New Albany Mfg. Co., New Albany, Ind.
RAND DRILL CO., 128 Monadnock bldg, Chicago, & 128 B'way, New York. (See adv. index, end of book)
SHAW, WILLIS, 171 Lasalle, Chicago. (See adv. index, end of book)
SULLIVAN MACHINERY CO., 7 Jackson boul, Chicago, Ill. (See adv. index, end of book)
Steam Stone Cutter Co. ("Wardwell" Single & Double Gang, etc.), Rutland, Vt.

Stone Cutting Machines

CHICAGO TOOL & SUPPLY CO., 356 Dearborn, Chicago, Ill. (See adv. index, end of book)
Gilmour, J., 99 Nassau, New York
Lincoln Iron Works, Rutland, Vt.
New Albany Mfg. Co., New Albany, Ind.

Stone Gadder or Drilling Machines

Steam Stone Cutter Co. ("Standard" for Quarrying Stone), Rutland, Vt.

Stone Gang Sawing Machines

Flory, S. Mfg. Co., Bangor, Pa.
Hinds, Thomas, Malone, N. Y.
Lincoln Iron Works ("Merriman" Screw Feed, etc.), Rutland, Vt.
Lord, Bowler & Co., 41 Centre, Cleveland, O.
Mine & Smelter Supply Co., Denver, Colo.
New Albany Mfg. Co., New Albany, Ind.
Stone Working Machine Co. ("Thomson" Patent Parallel Motion Gang & Rip Saw), 11 Wall, New York

Stone Planing Machinery

(See Planers, Stone.)

Stone Polishing Machinery

Badger Bros., West Quincy, Mass.
Concord Axle Co. ("Jenny Lind"), Penacook, N. H.
Easton Foundry & Machine Co., Easton, Pa.
Hinds, Thos., Malone, N. Y.
Lane, W. A. ("Granite City"), Barre, Vt.
Meyers, W. F. (Marble Polishing), 14th & Vernon av, L. I. City, N. Y.
Olsen, Tinius & Co., 500 N. 12th, Phila., Pa.
Patch, F. R. Mfg. Co., Rutland, Vt.
St. Cloud Iron Works, St. Cloud, Minn.
Smith, Thos. W. & Co., 131 Water, Quincy, Mass.
Smith, Whitcomb & Cook Co., Barre, Vt.
Whitcomb Bros. (Granite), Barre, Vt.

Stone Sawing Machinery

Beatty, M. & Sons, Welland, Ontario, Canada
DALLETT, THOS. H. CO. (Pneumatic), York & Sedgley av, Phila., Pa. (See adv. index, end of book)
Farrell Foundry & Machine Co. (Planers, Headers, Diamond Saws, etc.), Ansonia, Conn.
Flory, S. Mfg. Co. (also Slate), Bangor, Pa.
Frenier, J. H., Cleveland av nr Oak, Rutland, Vt.
Gilmour, J., 99 Nassau, New York
Gordon Fdry. & Mach. Co., St. Joseph, Mo.
Hawley, E. J. & C. H., Manchester, Vt.
Hinds, Thos., Malone, N. Y.
Jamison-Combe Iron Works, St. Joseph, Mo.
Lincoln Iron Works, Rutland, Vt.
Lord, Bowler & Co. (Rubbing Beds, Gang Saws, etc.), 41 Center, Cleveland, O.
New Albany Mfg. Co., New Albany, Ind.
Patch, F. R. Mfg. Co., Rutland, Vt.
Pattin Bros. Co., Marietta, O.
St. Cloud Iron Works, St. Cloud, Minn.
Seward & Co., Bloomington, Ind.
Stone-Working Machine Co. ("Thomson" Parallel Motion Gang and Rip Saw), 41 Wall, New York
Union Machine & Boiler Co., 108 River, Cleveland, O.
United States Rapid-Fire Gun & Powder Co., Derby, Conn.
Walton, P. M., 1023 Gtn av, Phila., Pa.

Stone Sifting Machines

Clark & Mills Electric Co., 543 Boylston, Boston, & Cambridge, Mass.

Stone Surfacing Machines

CHICAGO TOOL & SUPPLY CO., 356 Dearborn, Chicago, Ill. (See adv. index, end of book)
DALLETT, THOS. H. CO. (Pneumatic), York & Sedgley av, Phila., Pa. (See adv. index, end of book)

Stone Working Machinery

CHICAGO TOOL & SUPPLY CO., 356 Dearborn, Chicago, Ill. (See adv. index, end of book)
DALLETT, THOS. H. CO. (Pneumatic), York & Sedgley av, Phila., Pa. (See adv. index, end of book)
Farrell Foundry & Machine Co. (Planers, Headers, Diamond Saws, etc.), Ansonia, Conn.
Flory, S. Mfg. Co., Bangor, Pa.
Hawley, E. J. & C. H., Manchester, Vt.
INGERSOLL-SERGEANT DRILL CO., The, 26 Cortlandt, New York. Offices, Old Colony bldg, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 1st av, Seattle, Wash.; Corestine bldg, Montreal, Canada; Mexico City, Calle 2a de Dolores No. 20, Mexico, D. F.; London, Eng., 114a Queen Victoria st; Paris, France, 51 Rue de la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence st; Kalgoorlls, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co.; Lima, Peru, W. R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv. index, end of book)
Jamison-Combe Iron Works, St. Joseph, Mo.
Lincoln Iron Works, Rutland, Vt.
Maynard, C. T. & Co., Fairhaven, Vt.
New Albany Mfg. Co., New Albany, Ind.
Patch, F. R. Mfg. Co., Rutland, Vt.
Pelkey, W. H., Fair Haven, Vt.
RAND DRILL CO., 128 B'way, New York, & Monadnock blk, Chicago, Ill. (See adv. index, end of book)
Seward & Co., Bloomington, Ind.
SHAW, WILLIS (New & Second Hand), 171 La Salle, Chicago. (See adv. index, end of book)
Smith, Whitcomb & Cook Co., Barre, Vt.
STONE-WORKING MACHINE CO. 41 Wall, New York
Union Machine & Boiler Co., 108 River, Cleveland, O.
United States Rapid-Fire Gun & Powder Co., Derby, Conn.

Straightening Machines

(See Shaft Straightening Machines; also Wire Cutting & Straightening Machines.)

Straightening & Cutting Machines, Strip Metal.

American Tube & Stamping Co., Bridgeport, Conn.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)

Street Railway Sweeping Machines

(See also Plows, Snow.)

Brill, J. G. Co., 62d & Woodland av, Phila., Pa.
Brooklyn Railway Supply Co., Mianus, Conn.
Indiana Road Machine Co., Ft. Wayne, Ind.
McGuire-Cummings Mfg. Co., 122 N Sangamon, Chicago, Ill.
Smith & Wallace (Electric), Woburn, Mass.
Taunton Locomotive Mfg. Co., Taunton, Mass.
Van Dorn & Dutton Co., Cleveland, O.

Street Sweeping Machines

Abbot, Downing Co., Concord, N. H.
Acme Road Machinery Co., Frankfort, N. Y.
American Bridge & Scraper Co., Anderson, Ind.
American Road Machine Co. ("Oastler, A. B. C."), 156 5th av, N. Y. Works, Groton, N. Y.
Austin Mfg. Co. (Steel, etc.), Manhattan bldg, Chicago, Ill. Works, Harvey, Ill.
BARTLETT, C. O. & SNOW CO., French nr Columbus, Cleveland, O. (See adv. index, end of book)
Good Roads Machine Mfg. Co., Kennett Square, Pa.
Greene Mfg. Co., Springfield, O.
Hyass, Chas., 509 E 18th, New York
Kisinger-Ison Co., 466 Pioneer, Cincinnati, O.
STROUD, E. H. & CO. (One Man Power), 36 La Salle, Chicago, Ill.
Studebaker Bros. Mfg. Co., So. Bend, Ind.; 48th & B'way, N. Y., & 378 Wabash av, Chicago
Walker, H. B. ("Iron Clad"), Dayton, O.
Western Wheeled Scraper Co., Aurora, Ill.

Stucco Machinery

Butterworth & Lowe (Inc.), Grand Rapids, Mich.
Des Moines Mfg. & Supply Co., 121 E. Court av, Des Moines, Ia.
Ehrsam, J. B. & Sons, Enterprise, Kas.

Sugar Machinery

(All machinery and appliances for the manufacture of Beet and Cane Sugar will be found under the heading Sugar Machinery, followed by sub-classifications in the letter "S." For page number see Index of Contents.)

Suppository Machines

Colton, Arthur (Cold Compressed), Detroit, Mich.

Surface Grinding & Polishing Machines

Diamond Machine Co., Providence, R. I.

Swaging Machines

American Tube & Stamping Co., Bridgeport, Conn.
Bliss, E. W. Co. (For Sheet Metal), 19 Adams, Brooklyn, N. Y.
Excelsior Needle Co. (The Dayton), Torrington, Conn.
Iroquois Machine Co., Providence, R. I., & 150 Nassau, New York
Swaine, F. J. Co., St. Louis, Mo.
Waterbury Farrell Foundry & Mach. Co., Waterbury, Conn.
Waterbury Machine Co., Waterbury, Conn.
Williams, White & Co., Moline, Ill.

Syrup Filling Machines (Canners')

SPRAGUE CANNING MACHINERY Co., 42 River, Chicago, Ill. (See adv. index, end of book)

Tablet Machines

Colton, Arthur, 184 Brush, Detroit, Mich.
Day, J. H. & Co., Cincinnati, O.
Hall, Albert B., Indianapolis, Ind.
Hess & Barker ("Richard's" Universal Automatic), 605 Sansom, Phila., Pa.
Mulford, H. K. Co., 412 S 13th, Phila., Pa.

Tack Machinery

Kimball Bros. & Sprague, Brockton, Mass.
Miller's, H. J. Sons, Bridgewater, Mass.
Perkins, Henry Co. ("Improved Perkins"), Bridgewater, Mass.
Rittenhouse, C. & Sons, Norristown, Pa.
SHUSTER, F. B. CO., New Haven, Conn. (See adv. index, end of book)
Sweetser, Wm. A. (G. H. Ryan's Patent), Brockton, Mass.

Tag Machinery

American Machine Co. ("The Denny"), Newark, Del.
Hobbs Mfg. Co. (Stringing), Worcester, Mass.
Rittenhouse, Frank, Norristown, Pa.

Talking Machines

Ohio Talking Machine Co., Toledo, O.
Victor Talking Machine Co., Camden, N. J.

Tan Bark Packing Machines

Eureka Bark Mill Co., Lancaster

Tannery Machinery

Baker, G. W. & Co., Wilmington, Del.
Du Bois Iron Works, Du Bois, Pa.
Eureka Bark Mill Co., Lancaster, Pa.
Hide & Leather Working Machinery Co., Milwaukee, Wis.
Horn, Wm. H. & Bro. (Bark Mills, Splitting Machines & Tanners' & Curriers' Tools), 451 N 3d, Phila., Pa.
Moore Leather Machinery Co., Peabody, Mass.
Myrick Machine Co., Olean, N. Y.
Shapley & Wells, Binghamton, N. Y.
Slocomb, F. F. & Co., Wilmington, Del.
Smith's, Jas. E. Sons Co. (Steam Jacket Kettles, Stuffing Mixers, Rendering Tanks, etc.), Buffalo, N. Y.
Stauffer, Geo. E., Stroudsburg, Pa.
Thornburgh, H. L. & Co., 245 S Jefferson, Chicago, Ill.

Taper Rolling Machines

Coulter & McKenzie Machine Co., Bridgeport, Conn.
Williams, White & Co., Moline, Ill.

Taper Threading Machines

Acme Machinery Co., Cleveland, O.

Tapping Machines

(See also Nut Tapping Machines; also Tapping Machines for Gas & Water Mains.)

Baker Bros., Toledo, O.
Beaman & Smith Co., Providence, R. I.
Brown & Sharpe Mfg. Co., Providence, R. I.
Costilo, Jas. E., 60 Centre, New York
Garvin Machine Co. (Automatic, etc.), 137 Varick, New York
Gould & Eberhardt (Horizontal & Automatic Upright), Newark, N. J.
Grant Mfg. & Machine Co., Bridgeport, Conn.
Hartford Machine Screw Co., Hartford, Conn.
Hubbell, Harvey, Bridgeport, Conn.
Manville, E. J. Machine Co., Waterbury, Conn.
Newton Machine Tool Works (Inc.), 2343 Vine, Phila., Pa.
Niles-Bement-Pond Co., 136 Liberty, N. Y. Works, Hamilton, O.; Philadelphia, Pa.
Pratt & Whitney Co., Hartford, Conn.
Prentice Bros. Co., Worcester, Mass.
Quint, A. D., Hartford, Conn.
Sloan & Chace Mfg. Co. (Ltd.), 1110 Harrison av, Newark, N. J.
Streit, A. Machine Co., 110 Harrison av, Cincinnati, O.
United Engineering & Foundry Co. (for Tuge Mills), Farmers' Bank bldg, Pittsburg, Pa., & Youngstown, O.
Warner & Swasey Co., 57 E Prospect, Cleveland, O.
Western Automatic Machine Screw Co., Elyria, Ohio

Tapping Machines (Dry Pipe)

Mueller, H. Mfg. Co., Decatur, Ill.

Tapping Machines, Gas & Water Mains

Boust, A. C., Northumberland, Pa.
Carr, Chas., 7 Exchange pl, Boston, Mass.
Fisher, Governor Co., Marshalltown, Iowa.
Hardesty, J. M. & Son, Tamaqua, Pa.
Lennox Machine Co. (for Tapping Water Mains Under Pressure), Marshalltown, Ia.
Mueller, H. Mfg. Co., Decatur, Ill.
Saunders, D. Sons, Yonkers, N. Y.
Smith, Anthony P. Mfg. Co., Newark, N. J.
Walworth Mfg. Co., 132 Federal, Boston.

Tapping Machines, Horizontal

Pratt & Whitney Co., Hartford, Conn.

Tapping Machines, Nut

(See Nut Tapping Machines.)

Tapping & Reaming Machines, Pneumatic

(See Hammers, Pneumatic.)

Tapping & Reaming Machines, Portable

Chicago Flexible Shaft Co., La Salle av & Ontario, Chicago
Stow Flexible Shaft Co., N 26th & Buttonwood, Philadelphia, Pa.
Stow Mfg. Co., Binghamton, N. Y.

Tenoning Machines

(See Wood Working Machines.)

Testing Machines

Buffalo Scales Co., Buffalo, N. Y.
Fairbanks Co., 186 Elm, New York; 701 Arch, Phila., Pa.; 44 Pearl, Boston; 19 Light, Baltimore; 364 B'way, Albany, N. Y.; 610 Canal, New Orleans; 210 Main, Buffalo, N. Y.; 238 3d av, Pittsburg, Pa.
Olsen, Tinius & Co., 500 N 12th, Phila., Pa.
Riehle Bros. Testing Machine Co., 1424 N 9th, Philadelphia, Pa., & 120 Liberty, N. Y.
WHITING FOUNDRY & EQUIPMENT Co. (Axle, Draw-Bar, etc.), Harvey, Ill. (See adv. index, end of book)

Testing Machines, Axle, Draw-Bar, Etc.

WHITING FOUNDRY EQUIPMENT Co., Harvey, Ill. (See adv. index, end of book)

Testing Machines (Brick)

Strait, H. N. Mfg. Co., Kansas City, Mo.

Testing Machines, Can

Ayars Machine Co., Salem, N. J.
Benedict, L. ("Leiger" Automatic Body Forming & Soldering Machines), 128 S Clinton, Chicago, Ill.
McDonald Machine Co. (Automatic), 40th & Wentworth av, Chicago, Ill.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
SPRAGUE CANNING MACHINERY Co., 42 River, Chicago. (See adv. index, end of book)

Testing Machines (Car)

Toledo Machine & Tool Co., Toledo, O.

Testing Machines (Car Wheel)

BROWNING ENGINEERING CO., Cleveland, O. (See adv. index, end of book)
WHITING FOUNDRY & EQUIPMENT Co., Harvey, Ill. (See adv. index, end of book)

Testing Machines (Cement)

Clark & Mills (Also for Testing Stone & Road Materials), 543 Boylston, Boston
Fairbanks Co., 186 Elm, New York; 364 B'way, Albany, N. Y.; 19 Light, Baltimore, Md.; 44 Pearl, Boston, Mass.; 210 Main, Buffalo, N. Y.; 610 Canal, New Orleans, La.; 701 Arch, Philadelphia, Pa.; 238 av, Pittsburg, Pa.
Olsen, Tinius & Co., 500 N 12th, Phila., Pa.
Riehle Bros. Testing Machine Co., 1424 N 9th, Philadelphia, Pa., & 120 Liberty, New York

Testing Machines (Chain)

Olsen, Tinius & Co., 500 N 12th, Phila., Pa.
Turner, Vaughn & Taylor Co., Cuyahoga Falls, Ohio

Testing Machines (Emery)

Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.

Testing Machines (Hydraulic)

Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Philadelphia, Pa.

Testing Machines (Oil)

ASHCROFT, MFG. CO., THE, 85, 87 & 89 Liberty, New York, & 22, 24 & 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.
Pratt & Whitney Co. (The "Thurston"), Hartford, Conn.

Testing Machines (Pipe)

Watson-Stillman Co., 46 Dey, New York

Testing Machines (Power)

Perkins, B. F. & Son, Holyoke, Mass.

Testing Machines (Spring)

Evans', Jno. Sons, 13th & Buttonwood, Phila., Pa.

Testing Machines (Stone)

Clark & Mills Electric Co., 543 Boylston, Boston, Mass.

Testing Machines (Traction)

Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Philadelphia, Pa.

Testing Machines (Wire)

Coldwell-Wilcox Co., Newburgh, N. Y.
Morgan Construction Co., Worcester, Mass.
Olsen Tinius & Co., 500 N 12th, Phila., Pa.

Textile Machinery

(For Page Number See Index of Contents.)

Thread Cut-Off Machines

Morley Button Sewing Machine Co. (Automatic for Bars & Tacks in Shoes & Clothing), 68 Essex, Boston, Mass.

Thread Cutting Machines

Pratt & Whitney Co., Hartford, Conn.

Thread Tool Grinding Machines

Dwight Slate Machine Co., Hartford, Conn.

Threshing Machinery

(See Threshers.)

Thumbhole Cutting Machines

Hobbs Mfg. Co. (For Paper Box Makers), Worcester, Mass.

Tile Ditching Machines

Bennett, H. L. & Co., Westerville, O.
Mlli, Jas. B. (Traction), Deshler, O.
MUNICIPAL ENGINEERING & CONTRACTING CO., 315 Dearborn, Chicago. & 150 Nassau, New York. (See adv. index, end of book)

Tile Facing Machines

Lincoln Iron Works, Rutland, Vt.

Tile Making Machinery

Bonnot Co., Canton, O.
Hill, Jas. B. (Traction), Deshler, O.
Crossley Mfg. Co., Trenton, N. J.
Michigan Brick & Tile Machine Co., Morenci, Mich.
Raymond, C. W. Co., Dayton, O.

Tile Sizing Machines

Lincoln Iron Works, Rutland, Vt.

Timber Graining Machines

American Wood Working Machine Co., 136 Liberty, New York, & 45 S Canal, Chicago
Berlin Machine Works, Beloit, Wis., & 149 B'way, N. Y.
Fay, J. A. & Egan Co., Front & John, Cincinnati, O.

Tin Foil Machinery

Blake & Johnson, Waterbury, Conn.
Farrell Foundry & Machine Co., Ansonia, Conn.
Waterbury Farrell Foundry & Machine Co., Waterbury, Conn.

Tin Plate Mill Machinery & Construction

(See also Rolling Mill Machinery, etc.)

Aetna Foundry & Machine Co., Warren, O.
Anderson Foundry & Mach. Works (Pickling & Tinning Machines, Branners, Dusters, etc.), Anderson, Ind.
Braddock Machine & Mfg. Co., Braddock, Pa.
Canton Roll & Machinery Co., Canton, O.
Cincinnati Punch & Shear Co., 1416 Plum, Cincinnati, O.
Diamond Drill & Machine Co., Birdsboro, Pa.
Elwood Iron Works, Elwood, Ind.
Hogg, Geo. A. Iron & Steel Foundry Co., 24th & R. R., Pittsburg, Pa.
Mesta Machine Co., Lewis blk, Pittsburg, Pa.
Newbold, R. S. & Son Co., Norristown, Pa.
Phila. Roll & Machine Co., S 23d & Washington av, Phila., Pa.
Phillips, F. R. & Sons Co., Penna bldg, Philadelphia, Pa.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Stevenson Co., Wellsville, O.
Swindell, Wm. & Bros., German Nat. Bank bldg, Pittsburg, Pa.
United Engineering & Foundry Co. (Rolling Mill Machinery), Farmers' Bank bldg, Pittsburg, Pa., & Youngstown, O.
Vulcan Foundry & Machine Co., New Castle, Pa.
West Penn Foundry & Machine Co., Avonmore, Pa.
Wheeling Mold & Foundry Co., Wheeling, W. Va.

Tinners' Grooving Machines

Barber Mfg. Co., Ashtabula, O.

Tinners' Tools & Machinery

(See Sheet Metal Workers' Machines and Tools.)

Tinning Machinery

Union Foundry & Machine Co., 224 W Carson, Pittsburg, Pa.

Tipping Machines

Kester Electric Mfg. Co. (Improved Automatic), 251 S Jefferson, Chicago

Tire Bolting Machines

Bentel & Margedant Co. (& Bolt Clipping), Hamilton, O.
National Steam Pump Co. (Combination Bolt Clipper, Bolt Wrench & Tire Bolt Holder), Upper Sandusky, O.

Tire Welding Machines

Heartley Machine Variety Iron & Tool Works, Toledo, O.
Long & Allstatter Co., Hamilton, O.
Williams, White & Co., Moline, Ill.

Tobacco Farming Machinery

Ball, Mitchel & Co., Maysville, Ky.
Belcher & Taylor (Ridgers), Chicopee Falls, Mass.
Cardwell Machine Co., Richmond, Va.
Fuller & Johnson (Hoes), Madison, Wis.
Iowa Farming Tool Co. (Hoes), Ft. Madison, Ia.
Nagley Mfg. Co. (Spears), Lyons, N. Y.
Phoenix Foundry & Mfg. Co. (Steamer & Tank Screws), Ripley, O.
Rochester Agricultural Works (Scrap Cutter), Rochester, N. Y.
Union Mfg. Co., Toledo, O.

Tobacco Hoeing Machines

Allen, S. L. & Co., 1017 Market, Phila., Pa.
Belcher & Laylor Agr'l Tool Co., Chicopee Falls, Mass.
Fuller & Johnson Mfg. Co., Madison, Wis.

Tobacco Knife Grinding Machines

Diamond Machine Co., Providence, R. I.

Tobacco Manufacturers' Machinery

Adams Tobacco Press Co., Quincy, Ill.
Adt, Jno. B., 332 N Holliday, Baltimore, Md.
Buckeye Iron & Brass Works (Cutting), Dayton, Ohio
Cardwell Machine Co. (Granulators, Packers, Dyers, Cutters, Shapers or Moulds & Casing Machines), Richmond, Va.
Erie Specialty Co., Erie, Pa.
Ermold, Edw., 652 Hudson, New York
Jewell Machine Wks., 305 Pearl, N. Y.
Keyes, F. R. & Co., Binghamton, N. Y.
Laidlaw-Dunn-Gordon Co., 211 W 4th, Cincinnati, O.
McGowan, Jno. H. Co., 54 Central av, Cincinnati, O.
Mayo, Hysore & Co., Richmond, Va.
Miller, Dubrul & Peters Mfg. Co., 507 E Pearl, Cincinnati, O.
Patton, J. & Co., Richmond, Va.
Petersburg Iron Works Co., Petersburg, Va.
Phila. Textile Machinery Co. (Automatic Dryers, Coolers, Orderers & Softeners, etc.), Phila., Pa.
Titus, E. E., Petersburg, Va.
Warwick Bros., Richmond, Va.
Westbrooks, J. B. Foundry & Machine Co., Danville, Va.

Toilet Paper Machines

Dietz Machine Works, 228 Cherry, Phila., Pa.

Toilet Soap Machinery

Houchin & Huber, 35 53d, Brooklyn, N. Y.

Tomato Machinery (Canners')

SPRAGUE CANNING MACHINERY Co., 42 River, Chicago, Ill. (See adv. index, end of book)

Tomato Transplanting Machines

SPRAGUE CANNING MACHINERY Co., 42 River, Chicago. Ill. (See adv. index, end of book)

Tool Grinding Machinery

(See Grinders, Plain Tool.)

Tow Mill Machinery

New Winona Mfg. Co. ("Diamond" for Coarse, Fine or Medium Tow), Winona, Minn.

Towing Machines

American Ship Windlass Co. (Automatic Steam), Providence, R. I.
Chase Machine Co. (Automatic Steam), 111 Elm, Cleveland, O.

Trench Machines

(See Sewer & Trench Excavating Machines.)

Tripping Machines

Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.

Trunk Machinery

Titus, E. E., Petersburg, Va.

Tub & Pail Machinery

Gerlach, Peter & Co., 28 Columbus, Cleveland, Ohio
Goodspeed Machine Co., Winchendon, Mass.
Humphrey Machine Co., Keene, N. H.

Tube Mill Machinery

(See Pipe & Tube Mill Machinery.)

Tube Rolling Machinery

Birmingham Iron Foundry, Derby, Conn.
Toledo Machine & Tool Co., Toledo, O.

Tube Rolling & Cutting Machines (Paper)

Chicago Paper Tube & Can Co. ("Williams"), 20 N May, Chicago, Ill.

Tube Tapering Machines

Excelsior Needle Co., Torrington, Conn.

Tumbling Machines for Smoothing Handles

Trevor Mfg. Co., Lockport, N. Y.

Type Setting & Type Distributing Machines

Brown, R. H. & Co., New Haven, Conn.
Empire Machine Corporation, 203 B'way, N. Y.
Lanston Monotype Machine Co. (Typesetting), 1 Madison av, New York
Mergenthaler Linotype Co., Tribune bldg, New York
Unitype Co., 150 Sands, Brooklyn, N. Y.

Universal Grinding Machines

(See Grinders, Universal)

Upsetting Machines

Acme Machinery Co., Cleveland, O.
Ajax Mfg. Co. (Axle), Lake & Wason, Cleveland, O.
Fulton Iron & Engine Works, 128 Brush, Detroit, Mich.
National Machinery Co., Tiffin, O.
Niles-Bement-Pond Co., 136 Liberty, New York. Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Pawtucket Mfg. Co., Pawtucket, R. I.

Valve Inserting Machines

Smith, A. P. Mfg. Co. ("Trench" & "Sherred"), Newark, N. J.

Valve Re-Seating Machines

Barnum, W. P. (The Standard), Fredonia, N. Y.
Draper Mfg. Co. (Facing Tools), Port Huron, Mich.
Franklin, Benj., Rochester, N. Y.
Hall, C. F. & Son, Syracuse, N. Y.
Howes, S. Co., Silver Creek, N. Y.
Leavitt Machine Co. (the Morse & Dexter), Orange, Mass.
Long, Adam A., 13 Graves, Rochester, N. Y.
Quincy Valve & Mfg. Co. ("Huxley" Valve Remodeler), Quincy, Ill.
Tower, H. R., Holyoke, Mass.
Underwood, H. B. & Co., 1025 Hamilton, Phila., Pa.

Valve Seat-Milling Machines

AMERICAN TOOL & MACHINE CO., 109 Beach, Boston, Mass.
Baker-Resek Co. (Two Spindle), 261 Quincy, Cleveland, O.
Underwood, H. B. & Co., 1025 Hamilton, delphia, Pa.

Valve Seat Planing Machines

Niles-Bement-Pond Co., 136 Liberty, New York. Works, Hamilton, O.
Stow Flexible Shaft Co., N 26th & Buttonwood, Philadelphia, Pa.

Variety Moulding Machines

American Steam Pump Co., Battle Creek, Mich.
Bentel & Margedant Co., Hamilton, O.
Carey, W. W., Lowell, Mass.
Pryibil, P., 506 W 41st, New York

Variety Sawing Machines

Bentel & Margedant Co., Hamilton, O.
Cordesman Machine Co., 25 Butler, Cincinnati, Ohio
Greaves, Klusman & Co., c Cook & Alfred, Cincinnati, O.
Yerkes & Finan Woodworking Machine Co., St. Louis, Mo.

Varnish Makers' Machinery

Kent Machine Works, 250 Plymouth, Brooklyn, N. Y.

Varnishing Machines

Chambers Bros. Co., 52nd bel. Lancaster av, Philadelphia, Pa. delphia, Pa.
Currier, Cyrus & Sons, Newark, N. J.

Vegetable Cutting Machines

Smith's, Jno. E. Sons Co., Buffalo, N. Y.

Vending Machines

Mills Novelty Co., 11 S Jefferson, Chicago, Ill.
Waddell Woodenware Works Co., Greenfield, O.

Veneer Cutting Machines

Bentel & Margedant Co. (Rip & Cross Cut Saws), Hamilton, O.
Capitol Machine Works, Indianapolis, Ind.
Carpenter, Thos. D., 93 Pearl, Brooklyn, N. Y.
Coe Mfg. Co. (Rotary), Painesville, O.
Farrell Foundry & Machine Co., Ansonia, Conn.
Frank Machinery Co., 50 Mechanic, Buffalo, N.Y.
Hayes Machine Co. (Inc.), 108 West ,Brooklyn, N. Y.
Hubbard's, Norman Sons ("Rochow"), 265 Water, Brooklyn, N. Y.
Merritt Mfg. Co. (Rotary, a Six-Bearing Veneer Lathe & Direct Feed Automatic Veneer Clipper), Lockport, N. Y.
St. Joseph Iron Works (Veneer Lathes), St. Joseph, Mich.
Titus, Elmer E., Petersburg, Va.
Trevor Mfg. Co., Lockport, N. Y.
White-Blakeslee Mfg. Co., Birmingham, Ala.

Veneer Dying Machines

Coe Mfg. Co. (Automatic), Painesvile, O.

Vinegar Machinery

Kaestner & Co. (Inc.), 241 S Jefferson, Chicago, Ill.

Voting Machines

Abbott Voting Machine Co., Hudson, Mich.
Bardwell Votometer Co., 17 Park Row, N. Y.
Davis Voting Machine Co., 15 Park Row, N. Y.
Grant Mfg. & Machine Co., Bridgeport, Conn.
U. S. Standard Voting Machine Co., Rochester, N. Y. Works, Jamestown, N. Y.
Winslow Voting Machine Co., Cleveland, O.

Wagon Builders' Machinery

(See Carriage Builders' Machinery.)

Wall Paper Machinery

Waldron, Jno. Co., New Brunswick, N. J.

Washer Cutting Machines

National Machinery Co., Tiffin, O.
Pawtucket Mfg. Co., Pawtucket, R. I.

Washing Machines

American Woodenware Mfg. Co., Toledo, O.
Froelich Mfg. Co., St. Paul, Minn.
STEEL ROLL MACHINE CO., 8 S Canal, Chicago, Ill. (See adv. below)
Nineteen Hundred Washer Co., Allegheny, Pa.
Royal Washing Machine Co., Allegheny, Pa.
Schriver, O. P. & Co. ("I. X. L."), 208 Elm Cincinnati, O.

Waste Product Machinery for Packing Houses

Joslin, Schmidt & Co. (Glue Works, Soap Factories, etc.), Cincinnati, O.

Water Cooling Machinery

Newburgh Ice Machine & Engine Co., Newburgh, N. Y.
Pennsylvania Iron Works Co., 51st & Lancaster av, Philadelphia, Pa., & 621 B'way, New York

Wax Working Machines

Houchin & Huber, 35 53d, Brooklyn, N. Y.

Weighing Machines, Automatic

Automatic Weighing Machine Co., Jersey City, N. J.
National Automatic Weighing Machine Co., Mt. Kisco, N. Y.
New England Automatic Weighing Machine Co. (for Weighing & Bagging Cement, etc.), 275 Congress. Boston
Pratt & Whitney Co. (for Granular Materials), Hartford, Conn.
RICHARDSON SCALE CO., 15 Park Row, New York, & 47 Plymouth pl, Chicago, Ill.
Streeter-Amet Weighing and Recording Co., Chicago, Ill.

Weighing Machines for Filled Cans

SPRAGUE CANNING MACHINERY Co., 42 River, Chicago, Ill. (See adv. index, end of book)

Weighing, Packing & Bagging Machines (Automatic)

Automatic Weighing Machine Co., Jersey City, N. J.

Well Drilling Machinery.

Alamo Iron Works, San Anonio, Tex.
AMERICAN WELL WORKS, Aurora, Ill.; Chicago, Ill.; Dallas, Tex., & 2 Stone, New York. (See adv. index, end of book)
Austin Mfg. Co., Manhattan bldg, Chicago. Works, Harvey, Ill.
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
Brockett, C. A. Cement Co., 121 W 8th, Kansas City, Mo.
Collins, F. F. Mfg. Co., San Antonio, Tex.
Cook Well Co., 15 S 4th, St. Louis, Mo.
Cyclone Well Drilling Machine Co., Orrville, O.
Davis, Geo. E., Dubuque, Ia.
Dedrick, Z. P., Sherman, Tex.
Dempster Mill Mfg. Co., Beatrice, Neb.
Flint & Walling Mfg. Co., Kendallville, Ind.
Fort Worth Machine & Foundry Co., Fort Worth, Tex.
Freeman, J. W., Joplin, Mo.
Fulton Engine Works (Oil Well, etc), Los Angeles, Cal.
Hardy Machine Co. (Oil & Gas), North Baltimore, O.
Howell, R. R. & Co., Minneapolis, Minn.
Kalamazoo Tubular Well Co. (A. R. Trowbridge, Prop.), Kalamazoo, Mich.
Keystone Driller Co., Beaver Falls, Pa.
Kelly & Taneyhill Co., Waterloo, Iowa
King & Walker Co., Madison, Wis.
Knoxville Foundry & Machine Co., Knoxville, Tenn.
La Crosse Well Drill Works, La Crosse, Wis.
LESCHEN, A. & SONS ROPE CO., 920 N 1st, St. Louis, Mo.; 163 Wash'n, N. Y.; 137 E Lake, Chicago, Ill., & 1717-23 Arapahoe, Denver, Colo. (See adv. index, end of book)
Loomis Machine Co., Tiffin, O.
National Drill & Machine Co., Barberton, O.
Needham Waterworks Co., 66 W Lake, Chicago, Ill.
Pech, Gus Fdy. & Mfg. Co., Le Mars, Iowa
Pierce Well Engineering & Supply Co., 136 Liberty, N. N.; & Works, 156 Bay, Jersey City, N. J.
Powers Mfg. Co., Clarinda, Iowa
Powers & Son, St. Joseph, Mo.
Presler-Crawley Mfg. Co., 219 W 2d, Cincinnati, O.
St. Louis Well Machine & Tool Co., Wabash R. R. & S., Newstead av, St. Louis, Mo.
Safety Steel Derrick Co., Deshler, Ohio.
Sherman Iron Works, Sherman, Tex.
Sparta Iron Works Co., Sparta, Wis.
Star Drilling Machine Co., Akron, O.
Trobridge, A. R., Kalamazoo, Mich.
Van Zandt-Moore Iron Works, Fort Worth, Tex.
Williams Bros., Ithaca, N. Y.

Well Drilling Machinery (Adamantine Coring)

AMERICAN WELL WORKS, Aurora, Ill., U. S. A.; Chicago, Ill., Dallas, Texas, & 2 Stone, New York. (See adv. index, end of book)

Well Drilling Machinery (Rotary Boxing)

AMERICAN WELL WORKS, Aurora, Ill., U. S. A.; Chicago, Ill., Dallas, Texas, & 2 Stone, New York. (See adv. index, end of book)

Wet Machines (Paper Mill)

Friction Puliey & Machine Works, Sandy Hill, N. Y.
Sandy Hill Iron & Brass Works, Sandy Hill, N. Y.

Wheel Facing Machines

Bentel & Margedant Co., Hamilton, O.

Wheel Machinery.

Bentel & Margedant Co., Hamilton, O.
Cordesman Machine Co., 25 Butler, Cincinnati, O.
Defiance Machine Works, Defiance, O.
Fay, J. A. & Egan Co., cor Front & John, Cincinnati, O.
Flickinger Co., Galion, O.
Klotz Machine Co., Sandusky, O.

Wheel Polishing Machines

Bentel & Margedant Co., Hamilton, O.

Wheel-Rim Turning Machines.

Pratt & Whitney Co., Hartford, Conn.

Wheel Tenoning Machines

Bentel & Margedant Co., Hamilton, O.

Wheel Thread Sanding Machines

Bentel & Margedant Co., Hamilton, O.

Whip Makers' Machinery

Moore, M. E. & Son, Westfield, Mass.

White Lead Machinery

Campbell, Peter F., 51 Laurel, Phila., Pa.
Cresson, Geo. V. Co., Allegheny av W of 17th, Phila., Pa., & 141 Liberty, N. Y.
Kaestner & Co. (Inc.), 241 S Jefferson, Chicago, Ill.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Thompson & Campbell, 1030 Germantown av, Phila., Pa.

Whitewash Spraying Machines

(See Paint Spraying Machines.)



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Whiting Works Machinery

Campbell, P. F., 55 Laurel, Phila., Pa.

Wine Making Machinery

Emery, G. J. (Cider Mill Machinery), Fulton, N. Y.
Hydraulic Press Mfg. Co., Mt. Gilead, O.
Klotz Machine Co., Sandusky, O.
Krogh Mfg. Co., San Francisco, Cal.

Window Frame Machinery

Smith & Phillips Mfg. Co., 101 W Adams, Chicago, Ill.
Wachusett Machine Co., Fitchburg, Mass.

Wiping & Packing Waste Machinery

Ford, H., Springfield, Mass.

Wire Barbing Machines

Bates Machine Co., Joliet, Ill.
Braddock Machine & Mfg. Co., Braddock, Pa.

Wire Cloth Measuring Machines

Schriver, O. P. & Co. ("I. X. L."), 208 Elm Cincinnati, O.

Wire Cloth Weaving Machines

Diamond Wire Co., Columbus, O.

Wire Covering Machinery

(See Wire & Cable Covering Machinery.)

Wire Crimping Machines

Hayes Machines Co. (Inc.), 108 West, Brooklyn, N. Y.

Wire Drawing Machinery

Armstrong Mfg. Co., Bridgeport, Conn.
Bates Machine Co., Joliet, Ill.
Birmingham Iron Foundry, Derby, Conn.
Braddock Machine & Mfg. Co., Braddock, Pa.
Gould & Eberhardt, Newark, N. J.
Iroquois Machine Co. (For Brass, etc.), Providence, R. I., & 150 Nassau, N. Y.
MacKenzie, Duncan, Trenton, N. J.
Morgan Construction Co., Worcester, Mass.
Spencer, J. E., 123 Railroad, Bridgeport, Conn.
Turner, Vaugh & Taylor Co., Cuyahoga Falls, O.
Waterbury Farrell Foundry & Machine Co., Waterbury, Conn.
Waterbury Machine Co., Waterbury, Conn.

Wire Forming Machinery

Adriance Machine Works, 254 Van Brunt, Brooklyn, N. Y.
Automatic Machine Co., Bridgeport, Conn.
Blake & Johnson, Waterbury, Conn.
Bliss, E. W. Co., 19 Adams, Brooklyn, N. Y.
Cady, Franklin P. (Automatic), Cleveland, O.
Collins, Emmons, 20 W Randolph, Chicago, Ill.
Coulter & McKenzie Machine Co., Bridgeport, Conn.
Cross & Speirs Machine Co., Waterbury, Conn.
Garvin Machine Co., 137 Varick, New York
Hoefer Mfg. Co., Freeport, Ill.
Manville, E. J. Machine Co., Waterbury, Conn.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Nilson, A. H. Machine Co., Bridgeport, Conn.
SHUSTER, F. B. CO. (Automatic), New Haven, Conn. (See adv. below)
Up-to-Date Mfg. Co., Terre Haute, Ind.
Waterbury Farrell Foundry & Machine Co., Waterbury, Conn.
Waterbury Machine Co. (For Brass, etc.), Waterbury, Conn.
Wilson, J. E., 145 Stratford av, Bridgeport, Conn.

Wire Galvanizing Machinery

Bates, Machine Co., Joliet, Ill.
Morgan Construction Co., Worcester, Mass.
Turner, Vaughn & Taylor Co., Cuyahoga Falls, O.

Wire Hinging Machines

Williams Wire Hinging Machine Co. (For Wire Hinged Boxes), 30 Greenwich av, New York

Wire Insulating Machinery

(See Also Wire & Cable Covering Machinery)

Aiton Machine Co., 39 Cortlandt, New York bldg, Chicago, Ill., & 11 B'way, N. Y.
Farrell Foundry & Machine Co., Ansonia, Conn.

Wire Machinery

American Can Co., Merchants' Loan & Trust bldg, Chicago, Ill.
Bates Machine Co., Joliet, Ill.
Birmingham Iron Foundry, Derby, Conn.
Blake & Johnson, Waterbury, Conn.
Braddock Machine & Mfg. Co., Braddock, Pa.
Hinkley, A. H., 71 Bassett, Providence, R. I.
Koegel, Chas. & Son, Holyoke, Mass.
Kilby Mfg. Co., Cleveland, O.
Mackenzie, Duncan (Draw Benches & Annealers), Trenton, N. J.
Manville Bros. Co., Waterbury, Conn.
Manville, E. J. Machine Co., Waterbury, Conn.
Morgan Construction Co., Worcester, Mass.
SHUSTER, F. B. CO., New Haven, Conn. (See adv. below)
Thompson, Hugh L. (Brass & Copper, also for Rods & Sheets), Waterbury, Conn.
Turner-Vaughn & Taylor Co. (Wire Mill), Cuyahoga Falls, O.
Waterbury Farrell Foundry & Mach. Co., Waterbury, Conn.
Waterbury-Machine Co., Waterbury, Conn.

Wire Mattress Machinery

Houchin & Huber, 35 35d Brooklyn, N. Y.

Wire Measuring Machines

Aiton Machine Co., 39 Cortlandt, New York
Anderson, Homer, Peekskill, N. Y.
Jones, J. & Son, 62 Vesey, N. Y.
Minneapolis Electric & Construction Co., Minneapolis, Minn.
New England Butt Co., Providence, R. I.

Wire Nail Barbing Machines

Bates Machine Co., Joliet, Ill.
Miller's, H. J. Sons ("Improved Perkins"), Bridgewater, Mass.

Wire Nail Cleaning Machines

Spicer Mfg. Co., New Philadelphia, O.

Wire Nail Machinery

Bates Machine Co., Joliet, Ill.
Blake & Johnson, Waterbury, Conn.
Miller's, H. J. Sons ("Improved Perkins"), Bridgewater, Mass.
National Machinery Co., Tiffin, O.
Perkins, Henry Co. ("Improved Perkins"), Bridgewater, Mass.
Sweetser, Wm. A., Brockton, Mass.
Walton & Macke, Kokomo, Ind.

Wire Pointing Machinery

(See also Swaging Machines.)

Bates Machine Co., Joliet, Ill.
Excelsior Needle Co., Torrington, Conn.
Goodyear, S. W. (By Compression or Cold Swaying), Waterbury, Conn.



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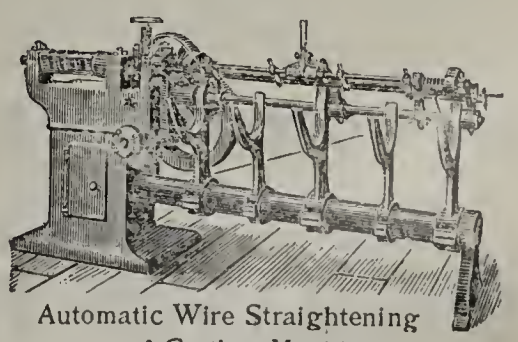
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Automatic Labor Saving Machinery for Wire and Sheet Metal Goods a Specialty.

BUILDERS OF MACHINERY FOR HARDWARE MANUFACTURE.

Butt Milling Machinery. Butt Drilling Machinery. Foot Presses. Riveting Machines Sprue Cutters, etc. Wire Straightening Machines.

Hoop Rounders, Buckle Tongue Machines,
Cold Roll Pointing Machines,
Needle Forming Machinery, Lingoe & Jacquard.
Ring Forming Machines, Staple Machinery,
Tack Machinery, Cotter Pin Machinery,
Sheet Metal Straighteners and Cutters.
Hot Rolled Stock Straighteners and Cutters.
Foundry Machinery.
Drawings and Patterns for Machinery for innumerable sundry Articles, which may be altered to suit special requirements.



Automatic Wire Straightening and Cutting Machine.

Manville, E. J. Machine Co., Waterbury, Conn.
Morgan Construction Co., Worcester, Mass.
Trenton Iron Co., Trenton, N. J., & 17 Burling slip, New York
Waterbury Farrell Foundry & Mach. Co., Waterbury, Conn.

Wire Rope Making Machinery

Aiton Machine Co., 39 Cortlandt, New York

Wire Spooling Machines

Hoefer Mfg. Co., Freeport, Ill.

Wire Stapling Machinery

Cobden Machine Works, Cobden, Ill.
Merritt Mfg. Co., Lockport, N. Y.
St. Joseph Iron Works (for Baskets, Packages, etc.), St. Joseph, Mich.

Wire Stitching Machines

Brown, R. H. & Co., New Haven, Conn.
Latham Machinery Co. ("Monitor"), 199 S Canal, Chicago, Ill.
Saranac Machine Co. ("Advance" for Books & Pamphlets), St. Joseph, Mich.
Sheridan, T. W. & C. B. Co., 56 Duane, New York, & Chicago, Ill.

Wire Straighteners (Roll & Rotary)

SHUSTER, F. B. CO., New Haven, Conn. (See adv. preceding page)

Wire Straightening & Cutting Machines

Belden Machine Co., New Haven, Conn.
Chandler & Farquhar Co., 36 Federal, Boston, Mass.
Cross & Speirs Machine Co. (Automatic), Waterbury, Conn.
Hoefer Mfg. Co., Freeport, Ill.
Manville, E. J. Machine Co., Waterbury, Conn.
Nilson, A. H. Machine Co., Bridgeport, Conn.
SHUSTER, F. B. CO. (Automatic), New Haven, Conn. (See adv. preceding page)
Turner, Vaughn & Taylor Co., Cuyahoga Falls, Ohio
Waterbury Farrell Foundry & Mach. Co., Waterbury, Conn.

Wire Testing Machines

(See Testing Machines, Wire.)

Wire Twisting Machines

Bates Machine Co., Joliet, Ill.

Wire Weaving Machinery

Crompton & Knowles Loom Works, Worcester, Mass.

Wire Working Machinery

United States Rapid-Fire Gun & Powder Co., Derby, Conn.

Wire & Cable Covering Machinery

(See Also Wire Insulating Machinery)

Aiton Machine Co., 39 Cortlandt, New York
Brooks, Chas. J., 27 Artizan, New Haven, Conn.
Miller-Knohlock Electric Mfg. Co., South Bend, Ind.
New England Butt Co., Providence, R. I.
Rhode Island Braiding Machine Co., Providence, R. I.
Royle, Jno. & Sons (Inc.) (Rubber Tuhing & Insulating), Paterson, N. J.
Textile Machine Works, Reading, Pa.
Watson-Stillman Co. (Cable Covering), 46 Dey, New York

Wood Band Sawing Machines

(See Band Sawing Machines.)

Wood Barking Machines

Holyoke Machine Co., Holyoke, Mass.
Sandy Hill Iron & Brass Works, Sandy Hill, N. Y.
Scott, Olin, Bennington, Vt.
Trevor Mfg. Co., Lockport, N. Y.
Valley Iron Works Co., Appleton, Wis.
Webber & Philbrick, Waterville, Me.

Wood Bending Machines

Bancroft & Rich, Gardner, Mass.
Dann Bros. & Co., New Haven, Conn.
Defiance Machine Works (Rim, Felloe, etc.), Defiance, O.
Fay, J. A. & Egan Co., Cincinnati, O.
Holmes, E. & B. Machinery Co., Buffalo, N. Y.
Root, M. B. Co., York, Pa.
Superior Iron Works, Superior, Wis.

Wood Boring Machines

Ajax Mfg. Co. (Automatic Self-Withdrawing), Allegheny, Pa.
American Wood Working Machine Co., 136 Liberty, N. Y., & 45 S Canal, Chicago
Andrew, M. L. & Co. (Multiple Spindles), 118 W 2d, Cincinnati, O.
Atlantic Works (Inc.), 28th & Grays Ferry rd, Phila., Pa.
Bentel & Margedant Co., Hamilton, O.
Berlin Machine Works, Beloit, Wis.; 60 S Canal, Chicago; 226 Market, San Francisco, Cal., & 85 Liberty, N. Y.
Carey, Wilson W., 225 Mt. Vernon, Lowell, Mass.
CHICAGO PNEUMATIC TOOL CO. (Pneumatic), Fisher hldg, Chicago, & 95 Liberty, New York. (See adv. index, end of book)
CHICAGO TOOL & SUPPLY CO., 356 Dearhorn, Chicago, Ill. (See adv. index, end of book)
Cordesman Machine Co., 25 Butler, Cincinnati, O.
Cordesman, Meyer & Co., 53 Central av, Cincinnati, O.
Cowdrey, C. H. Machine Works, Fitchburg, Mass.
Defiance Machine Works, Defiance, O.
Dennis Machine Co., Jackson, Mich.
Erie Machine Shops, Erie, Pa.
Fay, J. A. & Egan Co., c Front & John, Cincinnati, O.
Fitchburg Machine Works, Fitchburg, Mass.
Frank Machinery Co., 50 Mechanic, Buffalo, N. Y.
Garvin Machine Co., Varick & Spring, N. Y.
Greenlee Bros. & Co., 225 W 12th, Chicago, Ill.
Heath, W. A. Machine Co., Lestershire, N. Y.
Hobbs Mfg. Co., Worcester, Mass.
Holmes, E. & B. Machinery Co., Buffalo, N. Y.
Millers Falls Co., Millers Falls, Mass., & 28 Warren, N. Y.
Nash, J. M. (Universal Multiple), 129 Ferry, Milwaukee, Wis.
New York Agricultural Co. (Hand), 81 Fulton, New York, & Boonton, N. J.
Ober Mfg. Co. (Combined Boring & Chucking), Chagrin Falls, O.
Power, L. & Co. (Est. of), 20 S 23d, Phila., Pa.
Pringle & Brodie Machinery Co. (Multiple Spindle, Vertical & Horizontal), 277 S Canal, Chicago
Seymour & Whitlock, 43 Lawrence, Newark, N. J.
Smith, H. B. Machine Co., Smithville, N. J., & 121 Liberty, N. Y.
Terwilliger Mfg. Co., 3 W 23d, New York
White, Jno. A. Co., Dover, N. H.
Woods, S. A. Machine Co., 445 Dorchester av, Boston
Yerkes & Finan Woodworking Machine Co., St. Louis, Mo.

Wood Boring Machines, Pneumatic

(See also Tools, Pneumatic.)

CHICAGO PNEUMATIC TOOL CO., Fisher hldg, Chicago, & 95 Liberty, N. Y. (See adv. index, end of book)
CHICAGO TOOL & SUPPLY CO., 356 Dearhorn, Chicago, Ill. (See adv. index, end of book)
PHILADELPHIA PNEUMATIC TOOL CO., 21st & Allegheny av, Philadelphia; Farmers Bank hldg, Pittshurg, Pa.; Marquette hldg, Chicago, Ill.; 150 Beale, San Francisco, Cal., & 149 B'way, New York. (See adv. index, end of book)
Standard Railway Equipment Co., National Bank of Commerce bldg., St. Louis, Mo.

Wood Bundling Machines

Green Mfg. Co., 296 Oakland, Brooklyn, N. Y.

Wood Carving Machines

American Steam Pump Co., Battle Creek, Mich.
American Wood Working Mach. Co., 136 Liberty, New York; 45 N Canal, Chicago, Ill., & Williamsport, Pa.
Fay, J. A. & Egan Co., Cincinnati, O.
Moore Carving Machine Co. ("Lochman Moore") Minneapolis, Minn.
Moshannon Mfg. Co. (Shaper & Carver Combined), Philipshurg, Pa.
Porter, C. O. & A. D., Grand Rapids, Mich.
Yerkes & Finan Woodworking Machine Co., St. Louis, Mo.

Wood Cutting-Off Machines

Adams, W. T. Machine Co., Corinth, Miss.
American Wood Working Machine Co., 136 Liberty, N. Y.; 45 S Canal, Chicago, Ill.
Atlantic Works (Inc.), 28th & Grays Ferry rd. Phila., Pa.
Barnes, W. F. & John Co., Rockford, Ill.
Bentel & Margedant Co., Hamilton, O.
Butterworth & Lowe (Band), Grand Rapids, Mich.
Cordesman Machine Co., 25 Butler, Cincinnati, O.
Cordesman, Meyer & Co., 53 Central av, Cincinnati, O.
Fay, J. A. & Egan Co., c Front & John, Cincinnati, O.
Fischer Machine Works (Automatic Cut-off Saws), 345 S Canal, Chicago, Ill.
Frank Machinery Co., 50 Mechanic, Buffalo, N. Y.
Grammes, L. F. & Sons, Allentown, Pa.
Hall & Brown Wood Working Machine Co. (Carriage Cut-off Sawing Machines), 1917 N B'way, St. Louis, Mo.
Hayes, E. B. Machine Co., Oshkosh, Wis.
Hobbs Mfg. Co., Worcester, Mass.
Holmes, E. & B. Machinery Co., 57 Chicago, Buffalo, N. Y.
Hurlbut, Rogers Machine Co., S Sudbury, Mass.
Lane Mfg. Co., Montpelier, Vt.
Lovell, F. S. Machine Works, Fitchburg, Mass.
Luther, B. G. & Co. (Double Cut-off), Worcester, Mass.
Marston, J. M. & Co. (Hand), 228 Ruggles, Boston, Mass.
Mecklenburg Iron Works, Charlotte, N. C.
Power, L. & Co., 20 S 23d, Phila., Pa.
Pratt & Whitney Co., Hartford, Conn.
Smith, H. B. Machine Co., Smithville, N. J., & 121 Liberty, N. Y.
Union Iron Works, Bangor, Me.
Wickes Bros., Saginaw, Mich.
[illegible]ton, Mass.
Woods, S. A. Machine Co., 445 Dorchester av,
Yerkes & Finan Woodworking Machine Co., St. Louis, Mo.

Wood Dish Machinery

Defiance Machine Works (For Oval Wood Dishes), Defiance, O.

Wood Embossing Machines

(See Embossing Machines.)

Wood Fibre Machinery

Ohio Fibre Machinery Co. (For Wood Pulp Plaster, etc.), Elyria, O.

Wood Flooring Machines

American Wood Working Mach. Co., 136 Liberty, N. Y.
Fay, J. A. & Egan Co., Cincinnati, O.
Hall & Brown Wood Working Machine Co., 1917 N B'way, St Louis, M.
Holmes, E. & B. Machinery Co., Buffalo, N. Y.
Lane Mfg. Co., Montpelier, Vt.
Moltz, Jacob J., Williamsport, Pa.
Power, L. & Co., 20 S 23d, Phila., Pa.
Smith, H. B. Machine Co., Smithville, N. J., & 121 Liberty, N. Y.
Woods, S. A. Machine Co., 445 Dorchester av, Boston, Mass.

Wood Fluting Machines

Shawver Co., Springfield, O.

Wood Gang Sawing Machines

Bentel & Margedant Co., Hamilton, O.

Wood Mitreing Machines

McFarlan & Spilker Mfg. Co., 1652 Dorman, Cincinnati, O.

Wood Mortising Machines

American Wood Working Machine Co., 136 Liberty, N. Y.; 45 S Canal, Chicago, Ill.
Atlantic Works (Inc.), 28th & Grays Ferry rd, Phila., Pa.
Barnes, W. F. & Jno. Co. (Hand & Foot Power), Rockford, Ill
Bentel & Margedant Co., Hamilton, O.
Berlin Machine Works, Beloit, Wis.; 85 Liberty, N. Y.; 226 Market, San Francisco, Cal., & 60 S Canal, Chicago, Ill.
Cordesman Machine Co., 25 Butler, Cincinnati, Ohio
Cordesman, Meyer & Co., 53 Central av, Cincinnati, O.
Defiance Machine Works, Defiance, O.
Fay, J. A. & Egan Co., cor Front & John, Cincinnati, O.
Frank Machinery Co., 50 Mechanic, Buffalo, N. Y.
Gould & Eberhardt (Foot), Newark, N. J.
Greenlee Bros. & Co., 225 W 12th, Chicago
Health, W. A., Machine Co. (Chair), Lestershire, N. Y.
Hobbs Mfg. Co., Worcester, Mass.
New Britain Machine Co. (Chair Saw), New Britain, Conn.
Power, L. & Co., 20 S 23d, Phila., Pa.
Seneca Falls Mfg Co. (Hand & Foot Power). Seneca Falls, N. Y.
Seymour & Whitlock, 43 Lawrence, Newark. N. J.
Smith, H. B., Machine Co., Smithville, N. J., & 121 Liberty, N. Y
STRONG, CARLISLE & HAMMOND CO., 61 Frankfort, Cleveland, O. (See adv. index, end of book)
Woods, S. A., Machine Co. (Hollow Chisel), Boston, Mass.
Yerkes & Finan Woodworking Machine Co. (Cabinet, Hollow, Chisel, etc), St. Louis, Mo.

Wood Moulding Machines

American Steam Pump Co., Battle Creek, Mich.
American Wood Working Machine Co., 136 Liberty, N. Y., & 45 S Canal, Chicago, Ill.
Barnes, W. F. & Jno. Co. (Hand & Foot Power), Rockford, Ill.
Bentel & Margedant Co., Hamilton, O.
Berlin Machine Works, Beloit, Wis.; 60 S Canal Chicago; 226 Market, San Francisco, Cal., & 85 Liberty, N. Y.
Colloday, Jos. O., 626 Race, Phila., Pa.
Cordesman Machine Co., 25 Butler, Cincinnati, O.
Cordesman, Meyer & Co., 53 Central av, Cincinnati, O.
De Loach Mill Mfg. Co., Atlanta, Ga.
Fay, J. A. & Egan Co., c Front & John, Cincinnati, O.
Frank Machinery Co., 50 Mechanic, Buffalo. N. Y.
Gleason Works, Rochester, N. Y.
Gleason Spoke, Lathe & Machinery Co., 2d & Diamond, Phila., Pa.
Hobbs Mfg. Co., Worcester, Mass.
Hall & Brown Wood-Working Machinery Co., 1913 N B'way, St. Louis, Mo.
Holmes, E. & B. Machinery Co., Buffalo, N. Y.
Power, L. & Co. (Est. of), 22 S 23d. Phila., Pa.
Seneca Falls Mfg. Co. (Hand & Foot Power). Seneca Falls, N. Y.
Seymour & Whitlock, 43 Lawrence, Newark. N. J.
Shawver Co. (Twist Moulding, etc.), Springfield, O.
Smith, H. B. Machine Co., Smithville, N. J., & 121 Liberty, N. Y.
Tabor Mfg. Co., 1742 Hamilton, Phila., Pa.
Thomson, W. S., 418 W 27th, N. Y.
White, Jno. A. & Co., Dover, N. H.
Woods, S. A. Machine Co., 445 Dorchester av, Boston, Mass.
Woods, T. B. Sons, Chambersburg, Pa.
Yerkes & Finan Wood Working Machine Co., 3143 N 9th, St. Louis, Mo.

Wood Paneling Machines

American Steam Pump Co., Battle Creek, Mich.

Wood Pipe Boring Machines

Bentel & Margedant Co., Hamilton, O.

Wood Polishing Machines

American Wood Working Machine Co., 136 Liberty, N. Y., & 45 S Canal, Chicago, Ill.
Bentel & Margedant Co., Hamilton, O.
Berlin Machine Works, Beloit, Wis.; 85 Liberty, N. Y.; 60 S Canal, Chicago, & 226 Market, San Francisco, Cal.
Builders' Iron Foundry, Providence, R. I.
Defiance Machine Works (Also Handle, Felloe, etc.), Defiance, O.
Fay, J. A. & Egan Co., Cincinnati, O.
Greenlee Bros. & Co., 225 W 12th, Chicago, Ill.
Klotz Machine Co., Sandusky, O.
Nash, J. M., 129 Ferry, Milwaukee, Wis.

Wood Printing Machines

(See Box Board Printing Machines)

Wood Ring & Valve Handle Machines

Pringle & Brodie Machinery Co., 277 S Canal, Chicago, Ill.

Wood Rubbing Machines

Moore Carving Machine Co. ("Victor Imperial"), Minneapolis, Minn.

Wood Sawing Machines

(See also Cord Wood Sawing & Splitting Machines.)

Althouse-Wheeler Co. (Sawing Machines with Swing Saw Table), Waupun, Wis.
American Steam Pump Co. (Shop Saws), Battle Creek, Mich.
Bentel & Margedant Co., Hamilton, O.
Burlingame, A. Co., Worcester, Mass.
Comstock, Geo. S., Mechanicsburg, Pa.
Davis, Geo. E., Dubuque, Ia.
Farquhar, A. B. Co. (Ltd.), York, Pa.
Globe Foundry & Machine Co. (Circular & Pole Saw for Cord Wood), Sheboygan, Wis.
Gowanda Agricultural Works Co. (Wood Mill with Jack), Gowanda, N. Y.
Hemingway, Jno., Lynn, Mass.
Hildreth Bros., Harvard, Mass.
Hill, W. E. & Co. (For Pulp Mills), Kalamazoo, Mich.
Huntsville Fdy. & Machine Works, Huntsville, Ala.
Marseilles Mfg. Co., Marseilles, Ill.
Messinger Mfg. Co. (Swinging & Sliding Table), Tatany, Pa.
New Winona Mfg. Co. (Portable Wood Saws of Various Kinds). Winona, Minn.
Port Huron Engine & Thresher Co. (Sawing Only), Port Huron, Mich.
Sandwich Mfg. Co. (Sawing), Sandwich, Ill.
Spangler Mfg. Co. (Quickel's Splitting), York, Pa.
Sweetser, Wm. A. (Splitting), Brockton, Mass.
Thompson, J. & Sons, Mfg. Co., Beloit, Wis.
Wheland Machine Works, Chattanooga, Tenn.

Wood Screw Machinery

Cook, Asa S. Co., Hartford, Conn.
Fay, J. A. & Egan Co., Front & John, Cincinnati, O.

Wood Shaping Machines

(See Shaping Machines, Wood.)

Wood Surfacing Machines

American Woodworking Machine Co., 134 Liberty, New York, & 45 S Canal, Chicago
Atlantic Works (Inc.), 28th & Grays Ferry rd, Phila., Pa.
Bentel & Margedant Co., Hamilton, O.
Connell & Dengler Machine Co., Rochester, N. Y.
Cordesman Machine Co., 25 Butler, Cincinnati, O.
Cordesman, Meyer & Co., 53 Central av, Cincinnati, O.
Dennis Machine Co., Jackson, Mich.
Fay, J. A. & Egan Co., Cincinnati, O.
Fischer Machine Works (Double Roll), 345 S S Canal, Chicago, Ill.
Hobbs Mfg. Co., Worcester, Mass.
Power, L. & Co., 20 S 23d, Phila., Pa.
STRONG, CARLISLE & HAMMOND CO., 61 Frankfort, Cleveland, O. (See adv. index, end of book)

Wood Tenoning Machines

American Wood Working Machine Co., 45 S Canal, Chicago, & 136 Liberty, New Yerk
Atlantic Works (Inc.), 28th & Grays Ferry rd, Phila., Pa.
Barnes, W. F. & John Co. (Foot Power), Rockford, Ill.
Bentel & Margedant Co., Hamilton, O.
Cordesman Machine Co., 25 Butler, Cincinnati, O.
Cordesman, Meyer & Co., 53 Central av, Cincinnati, O.
Defiance Machine Works, Defiance, O.
Fay, J. A. & Egan Co., c Front & John, Cincinnati, O.
Frank Machinery Co., 50 Mechanic, Buffalo, N.Y
Greenlee Bros. & Co. (Car Tenoner, etc.), 225 W 12th, Chicago, Ill.
Hayes, E. B. Machine Co. (Double End), Oshkosh, Wis.
Heath, W. A. Machine Co., Lestershire, N. Y.
Hobbs Mfg. Co., Worcester. Mass.
Kane & Roach, Niagara & Shonnard, Syracuse, N. Y.
Klotz Machine Co., Sandusky, O.
Power, L. & Co., 20 S 23d, Phila., Pa.
Smith, H. B. Machine Co., Smithville, N. J., & 121 Liberty, N. Y.
STRONG, CARLISLE & HAMMOND CO., 61 Frankfort, Cleveland, O. (See adv. index, end of book)
Yerkes & Finan Woodworking Machine Co., St. Louis, Mo.

Wood Trimming Machines

Adams, W. T. Machine Co., Corinth, Mass.
Chattanooga Machinery Co. (Ironsides), Cattanooga, Tenn.
FOX MACHINE CO., 127 N Front, Grand Rapids, Mich. (See adv. index, end of book)
Fraser Mfg. Co., Beloit, Wis.
Holmes, E. & B. Machinery Co. (Two Saw), Buffalo, N. Y.
Lane Mfg. Co., Montpelier, Vt.
Lane & Bodley Co. (Two Saw), cor John & Water, Cincinnati, O.
Leland & Faulconer Mfg. Co., Detroit, Mich.
Oliver Machinery Co. ("The Olicer"), Grand Rapids, Mich.
Stutzman-Cutter Head Co., Williamsport, Pa.
Tyler, J. L. (Combination Trimmer & Mitre Cutter), 533 Wash'n, Lynn, Mass.
Washburn Shops of the Polytechnic Institute, Worcester, Mass.

Wood Twisting Machines

Shawver Co., Springfield, O.

Woodenware Machinery

Gerlach, Peter Co. (Pail, Tub, Churn, Keg, etc.), Cleveland, O.

Woodworking Machinery

Advance Machinery Co., Toledo, O.
American Woodworking Machine Co., 136 Liberty, N. Y.; 47 S Canal, Chicago, Ill., & Williamsport, Pa.
Andrew, M. L. & Co. (Boring), 118 W 2d, Cincinnati, O.
Atlantic Works (Inc.), 28th & Grays Ferry rd, Phila., Pa.
Barnes Tool Co. (Foot Power Machinery), 958 Grand av, New Haven, Conn.
Barnes, W. F. & John Co. (Hand and Foot Power), Rockford, Ill.
Bartlett, A. F. & Co. (Planing Mill), Saginaw, Mich.
Beach, H. W., Montrose, Pa.
Bentel & Margedant Co., Hamilton, O.
Berlin Machine Works, Beloit, Wis.; 85 Liberty, N. Y., 226 Market, San Francisco, Cal., & 60 S Canal, Chicago
Carey, W. W., 514 B'way, Lowell, Mass.
Central Machine Works Co., 1234 Central av, Minneapolis, Minn.
Chapman, T. M. Sons Co., Oldtown, Me.
Chattanooga Machinery Co. (Stave Jointers & Bolters, etc.), Chattanooga, Tenn.
Clarke Machine Co., Turner's Falls, Mass.
Colladay, Jos., 625 Race, Phila., Pa.
Concord Machine Co., Concord, N. H.
Connell & Dengler Machine Co., Rochester, N. Y.
Cordesman Machine Co., 25 Butler, Cincinnati, O.
Cordesman, Meyer & Co., 53 Central av, Cincinnati, O.
Cowdrey, C. H., Fitchburg, Mass.
Crescent Machine Co., Leetonia, O.
Dannis Machine Co., Jackson, Mich.
Defiance Machine Works, Defiance, O.
Dodds, Alex., Grand Rapids, Mich.
Dupont Mfg. Co., St. Johnsburg, Vt.
Embossing Art Die & Machine Co., 140 S Capitol av, Indianapolis, Ind
Empire Machine Works, Mt. Morris, N. Y.
Fay, J. A. & Egan, Front & John, Cincinnati O.
FILER & STOWELL, Becher & Ziemer, Milwaukee, Wis. (See adv. index, end of book)
Fischer Machine Works, 345 S Canal, Chicago, Ill.
Fisher & Davis, 1024 N Main, St. Louis, Mo.
FOX MACHINE CO., 127 N Front, Grand Rapids, Mich. (See adv. index, end of book)
Francis, C. E. & Bro., 423 E 8th, Cincinnati, O.
Francis, G. W., 126 Carpenter, Reading, Pa.
Gerlach, Peter & Co., 28 Columbus, Cleveland, O.
Goodspeed Machine Co. (For Tub, Keg, Barrel, etc.), Winchendon, Mass.
Greaves, Klusman & Co., Cook c Alfred, Cincinnati, O.
Greenlee Bros. & Co., 229 W 12th, Chicago, Ill.
Griffin, G. W. & Co., Franklin Falls, N. H.
Hall & Brown Wood Working Machine Co., 1913 N B'way, St. Louis, Mo.
Hayes, E. B. Machine Co., Oshkosh, Wis.
Heath, M. A. Machine Co., Lestershire, N. Y.
Hinds, Thos., Malone, N. Y.
Hobbs Mfg. Co., Worcester, Mass.
Hollingsworth, W. T., Covington, Ky.
Holmes, E. & B. Machinery Co., 59 Chicago, Buffalo, N. Y.
Holt, Shattuck & Co., 45 Wash'n, N, Boston, Mass.
Humphrey Machine Co., Keene, N. H.
Indiana Machine Works Co., Fort Wayne, Ind.
Jenkins Machine Co., Sheboygan, Wis.
Kidder, R. E., 2 Hermon, Worcester, Mass.
Lane Mfg. Co., Montpelier, Vt.
Linderman Mfg. Co., Whitehall, Mich.
Linham Dado Machine Co., Mansfield, O.
Lombard Iron Works & Supply Co., Augusta, Ga.
Luther, B. G. & Co., Worcester, Mass.
McKnight, L. G. & Son, Gardner, Mass.
Marston, J. M. & Co. (Foot Power), 228 Ruggles, Boston, Mass.
Merritt Mfg. Co., Lockport, N. Y.
Michels, J. & Co. (Hoop Machinery, etc.), Detroit, Mich.
Moore Mfg. Co., Springfield, Mo.
Merritt Mfg. Co., Lockport, N. Y.
Morison, W. K. & Co., 247 Nicollet av, Minneapolis, Minn
Moshannon Mfg. Co., Philipsburg, Pa.
New Britain Machine Co., New Britain, Conn.
Oliver Machinery Co., Grand Rapids, Mich.
Ober Mfg. Co., Chagrin Falls, O.
Packard, O. L. Machinery Co., Milwaukee, Wis.
Parks, Ball Bearing Machine Co., Knowlton, & C. H. & D. R. R., Cincinnati, O.
Peerless Mfg. Co., Springfield, O.
Phoenix Mfg. Co., Eau Claire, Wis.
Porter, C. O. & A. D., Grand Rapids, Mich.
Power, L. & Co., 20 S 23d, Phila., Pa.
Preble Machine Works, 9035 Chicago av, Chicago, Ill.
Purdy Machine Co., Ghent, O.
Putnam Machine Co., Fitchburg, Mass.
Prybill, P. (Est. of), 512 W 41st, N. Y.
Ricker, T. H. & Sons, Harrison, Me.
Rogers, J. F., 44 Dey
Ross, Josiah, 1459 Niagara, Buffalo, N. Y.
Salem Iron Works, Salem-Winston, N. C.
Seneca Falls Mfg. Co. (Foot Power), 276 Water, Seneca Falls, N. Y.
Seyfert's, L. F. Sons, 437 N 3d, Phila., Pa.
Seymour & Whitlock, 43 Lawrence, Newark, N. J.
Shawver Co., Springfield, O.
Smith, H. B. Machine Co., Smithville N. J.; 121 Liberty, New York & Chicago, Ill.
Smith-Courtney Co., Richmond, Va.
Smith & Phillips Mfg. Co., 97 W Adams, Chicago, & La Grange, Ill.
Stamm Machine Works, Aurora, Ind.
Stevens Machine Co., Winooski, Vt.
STRONG, CARLISLE & HAMMOND CO., 61 Frankfort, Cleveland, O. (See adv. index, end of book)
Stutzman-Cutter Head Co., Williamsport, Pa.
Superior Iron Works, Superior, Wis.
Towsley, John T. Mfg. Co., Evans nr Gest, Cincinnati, O.
Trevor Mfg. Co., Lockport, N. Y.
Union Embossing Mach. Co., Indianapolis, Ind.
Union Iron Works, Bangor, Me.
United States Machine Co., Williamsport, Pa.
Vance, J. A. & Co., Winston-Salem, N. C.
Wachusett Machine Co., Fitchburg, Mass.
White, John A. & Co., Dover, N. H.
Whitney, Baxter D. & Son, Winchendon, Mass.
Wickes Bros. Saginaw, Mich.
Williams, White & Co., Moline, Ill.
Winship Mfg. Co. (Sand Papering), Racine, Wis.
Wright, Chas. A., New Orange, N. J.
Willebrands, Geo. W. & Bro., 52 Jefferson av, Detroit, Mich.
Woods, S. A. Machine Co., 445 Dorchester av, Boston, Mass.
Wormer, C. C. Machinery Co., 99 W Woodbridge, Detroit, Mich.
Wright & Colton Wire Cloth Co., Worcester, Mass.
Yerkes & Finan Wood Working Mach. Co., 3145 N 9th, St. Louis

Woodworking Machinery, Hand & Foot Power

Barnes Tool Co., 958 Grand av, New Haven, Conn.
Barnes, W. F. & Jno. Co., Rockford, Ill.
Crescent Machine Co., Leetonia, O.
Marston, J. M. & Co., 228 Ruggles, Boston, Mass.
Parks Ball Bearing Machine Co., Knowlton & C. H. & D. R. R., Cincinnati, O.
Seneca Falls Mfg. Co., Seneca Falls, N. Y.

Woolen Machinery

(See Textile Machinery; for page number consult Index of Contents.)

Woven Wire Fence Machines

Kitselman Bros., Muncie, Ind.
Peerless Fence Co., Holly, Mich.

Woven Wire Mattress Machinery

Eriandsen, Julius, 172 Centre, N. Y.

Wrapper Cutting Machines

Shirk, P. E., Blue Ball, Pa.

END OF MACHINERY

Machinery Dealers

ALABAMA.

ANNISTON—Annniston Supply Co.
BIRMINGHAM—Birmingham Machine & Foundry Co.
Hardie-Tynes Mfg. Co.
†Johns & Steward Machine Co.
Hood Machine Co.
Lum, Geo. E. Machinery & Supply Co.
Means & Fulton Iron Works, c Av A & 17th
Milner & Kettig Co.
Moore & Handley Hardware Co. (Engines, Boilers, Pumps, etc.)
Shook & Fletcher (Machinery, Boilers, etc.)
Williamson Iron Co., 1420 18th av
Yates, J. A. & Co.
CULLMAN—Ehrenspeger, H.
GADSDEN—Gadsden Car & Machine Co.
MOBILE—Alabama Iron Works
Barney, Cavanagh Hdw. Co.
Mellett, Richard
Zelnicker, Walter A. Supply Co. (of St. Louis, Mo.) (Saw Mills, Engines, Boilers, Cranes, etc.)
MONTGOMERY—Janney, A. A. & Co.
Liddell Machinery & Supply Co.
Lum Machinery Co. (Engines, Boilers, Pumps, etc.)
NEW DECATUR—North Alabama Engineering Co. (Engines, Boilers, Saw Mill & Cane Mill Machinery, etc.)
SELMA—Union Iron Works Co.

ARIZONA.

PHOENIX—Standard Iron Works
TUCSON—Gardiner, Worthen & Goss Co.

ARKANSAS.

CAMDEN—Camden Machinery & Supply Co.
DARDANELLE—Cox, Thos. Mfg. Co.
LITTLE ROCK—Dickinson, W. W. Hardware Co.
Jones, D. E. Co.
Rosenbaum, C. E. Machinery Co.
Wehrfritz, E. C. Mach'y & Supply Co.
MAGNOLIA—Davis & Warnock
MORRILTON—Delong Machinery Co.
PINE BLUFF—Dilley Foundry Co.

CALIFORNIA.

LOS ANGELES—Baker Iron Works, 950 Buena Vista
Booth, Levi & Sons (Inc.), 334 N Main

Busch, A. H. & Co., 150 N Los Angeles
FAIRBANKS, MORSE & CO. (Engines, Boilers, Pumps, etc.), 136 Los Angeles. (See adv. index, end of book)
Fulton Engine Works (Engines, Boilers, Mining, Saw Mill)
Harper & Reynolds Co.
Harron, Richard & McCone (Inc.) (Engine, Electrical, Woodworking, Machinery, etc.), 21 Fremont
Henshaw, Bulkley & Co., Fremont and Mission
Luitwieler Pumping Engine Co., 405 N Main
Machinery & Electrical Co., 353 N Main
Pacific Coast Mfg. Co.
Smith, Samuel J. Mach. Co., 230 E 4th
Stearns, F. L., 729 E 12th
Union Iron Works, 406 E 1st
Wickson, G. G. & Co., 111 S B'way
SACRAMENTO—Cunningham, Mrs. Jno. A.
SAN DIEGO—Sterne Bros. Co.
SAN FRANCISCO—Baker & Hamilton (Engines, Boilers, etc.), c Davis & Pine
Bay City Eng. & Supply Co., 322 Howard
California Mach. Works, 139 1st
Cameron Bros. & Co., 132 Market
Compressed Air Machinery Co., 24 1st
Doble, Abner Co., 200 Fremont
Dunham, Carrigan & Hayden Co. (Hydraulic, etc.), 18 Main
Eby Machinery Co., 17 Main
FAIRBANKS, MORSE & CO. (Engines, Boilers, Pumps, etc.), 310 Market. (See adv. index, end of book)
Fish, A. L., 41 1st
Garratt, W. T. & Co., Inc. (Engines, Boilers, Pumps, etc.), 138 Fremont
Globe Engineering Co., 146 1st
Harron, Rickard & McCone (Inc.) (Mining, Saw Mill, Woodworking, Engines, etc.), 21 Fremont
Hendy Joshua Machine Works (Engines. Pumps & Mining Machinery), 40 Fremont
Henshaw, Bulkley & Co., c Fremont & Mission
Judson Mfg. Co., Beale & Howard
Krogh Mfg. Co., 519 Market
Livermore, Norman B. & Co. (Engines, Boilers, Pumps, Steam Shovels, Dredges, etc.), Rialto bldg
McIntosh & Wolpmann, 195 Fremont
McMaster-Pieper Machine Co., 512 Folsom
Marwedel, C. W., 58 1st
Moore, Chas. C. & Co., 63 1st
O'Brien, M. (Flour Mill, Brewery, etc.), 142 1st
Pacific Tool & Supply Co. (Metal Working Mach'y & Supplies), 104 1st
Risdon Iron Works, Steuart & Folsom
San Francisco Engineering Co., 634 Howard
Tatum & Bowen, 36 Fremont
Tracy Engineering Co., 151 Fremont
Wagner, Jos. Mfg. Co. (Flour Mill, etc.), 101 Mission
Ward, Fred & Son, 112 1st
White, H. S. Machinery Co., 130 Beale
Wickson, G. G. & Co. (Creamery & Farm Machinery), 34 Main
Wolfrom, F. D. & Co., 225 Mission
Worthington, Hy. R., 148 1st
SAN JOSE—Wight, David, Pierce av

COLORADO.

DENVER—Card & Weber Machine Co., 1443 Blake
Colorado Iron Works (Mining, etc.), 33d & Wynkoop
Crow, Thos. Machinery Co., 1712 Blake
Davis, F. M. Iron Works Co., 723 Larimer
Denver Engineering Works Co., c Blake & 30th
FAIRBANKS, MORSE & CO. (Enginer, Boilers, Pumps, etc.), 1600 17th. (See adv. index, end of book)
Fielding, Thomas, 1711 Tremont
Flint Lomax Electric & Mfg. Co., 1400 Delgany
Hendrie & Bolthoff Mfg. & Supply Co. (Engines, Boilers, Pumps, etc.), 1625 17th
Mine & Smelter Supply Co. (Engines, Boilers, Pumps, etc.), 17th & Blake
Montgomery, J. H. Machinery Co., 1220 Curtis
Scott Supply & Tool Co. (Engines, Boilers, Pumps, etc.), 1725 Blake
S. H. Supply Co. (Mining Machinery, Engines, etc.), 31st & U. P. Tracks
S. S. Machinery Co., 2464 Larimer
Stearns-Roger Mfg. Co., 1718 California
Wilkes, Gilbert & Co., 435 17th
LEADVILLE—McCarty & Moore

CONNECTICUT.

BRIDGEPORT—Coulter & McKenzie Machine Co.
HARTFORD—Pickering, W. H. & Co., 110 Commerce
NEW HAVEN—Harrison, Leonard D. (Engines. Boilers, etc.)
MacKenzie, G. M., Walter c East
WINSTED—Brown Machine Co.

DELAWARE.

WILMINGTON—Delaware Electric & Supply Co. (Engines, Pumps, etc.)
Speakman Supply & Pipe Co., 113 Market

DISTRICT OF COLUMBIA.

WASHINGTON—Littlefield, Alvord & Co., 1227 Pa. av, N. W.

FLORIDA.

JACKSONVILLE—Christopher, Jno. G.
Florida Electric Co. (Engines, Boilers. Dynamos, etc.)
Hubbard, S. B. Co.
LAKE CITY—Johnson, L. W. & Bro.
OCALA—Ocala Foundry & Machine Works (Engines, Boilers, Pumps, etc.)

GEORGIA.

ATHENS—Athens Foundry & Machine Works
ATLANTA—Atlanta Supply Co., 29 Forsyth
Avery & Co. (Saw Mill, etc.), 51 S Forsyth
Campbell Machine & Mfg. Co., 16 E Mitchell
De Loach Mill Mfg. Co., Highland av & So. Ry
Malsby & Co., 41 S. Forsyth
Richards Machine Co. (Woodworking, etc.),
Seitzsinger, Thos. F., 459 Marietta
AUGUSTA—Georgia Iron Works
Lombard Iron Works & Supply Co. (Engines, Boilers, Saw Mills, etc.)
BRUNSWICK—Bay Iron Works
COLUMBUS—Columbus Iron Works Co.
Golden Foundry & Machine Co.
MACON—Findlay Iron Works Co. (Inc.)
Mallary Bros. Machinery Co. (Engines, Boilers, Cotton Gins, Saw Mill Machinery, etc.)
Scofield's, J. S. Sons Co. (Engines, Pumps, Saw Mills, etc.)
ROME—Battey Machinery Co.
SAVANNAH—Georgia Supply Co.
Hartfelder-Garbutt Co. (Engines, Boilers, Kehoe, Wm. & Sons etc.)
Rourke, Jno. & Sons
TOCCOA—Simpson, D. J.
WASHINGTON—Holland, E. L.
WEST POINT—West Point Iron Works

ILLINOIS.

ARLINGTON HEIGHTS—Kolling, John & Sons
BLOOMINGTON—Keiser-Van Leer Co. (Engines, Pumps, etc.)
Loudon, Robt.
CAIRO—Reed J. B. (Iron Working Tools, etc.)
CHICAGO—Adkins, Young & Allen, 14 N. Canal
AMERICAN HOIST & DERRICK Co., 60 S Canal. (See adv. index, end of book)
Barber, A. H. & Co., 229 S. Water
Board-Crosby Co., 66 S Clinton
Camp Eng. Co., 49 W. Lake
CARPENTER, GEO. B. & CO. (Hoisting Machinery & Contractors' Supplies), 202 S Water. (See adv. index, end of book)
Carse Bros Co. (Gas & Gasoline Engines, Steam Hammers & Hoisting, Hydraulic & Woodworking Machinery), 64 Wabash av
Castle, A. M. & Co., 55 N Jefferson
Chicago Brick Machinery Co., 225 Dearborn
Chicago Engineer Supply Co., 112 Lake
Chicago House Wrecking Co., W 35th & Iron
Chicago Machine Tool Co., 12 S Canal
CONTRACTORS SUPPLY & EQUIPment Co. (Engines, Pumps, Rock Crushers, etc.), Old Colony bldg. (See adv index, end of book)
Cook & Chick Co., 253 Kinzie
Curtis & Co. Mfg. Co., 42 S. Canal
Davis-Johnson Co., 47 S. Canal
Dawson, Jno. H. Mach'y Co., 41 S Canal
Edwards Machine Co., 34 W Wash'n
Erwin & Co., 37 S Canal
FAIRBANKS, MORSE & CO., Franklin & Monroe. (Engines, Boilers, Pumps, etc.). (See adv. index, end of book)
Gould Co., 24 N Canal
Gregory Electric Co. (Electric), 58 S. Clinton
Greiner Mfg. Co., 72 S Canal
Gump, B. F. Co. (Elevator & Power Transmitting Appliances), 222 Washington
Harris, Sam'l & Co. (Machine Shop Machinery, Tools, etc.), 25 S Clinton
Henion & Hubbell (Pumps, Steam, Power, Electric, Hand, etc.), 63 N Jefferson
Illinois Maintenance Co. (Inc.), 204 Dearborn
Kaestner & Co. (Inc.) (Engines, Boilers, Pumps, Power Transmission, Shafting, Pulleys, etc.), 241 S Jefferson
Latham Machinery Co., 199 S Canal
McDowell-Stocker Co., 59 S Canal
Machinery Exchange, 13 N Canal
Machinists Supply Co. (Machine Shop Machinery, Tools, etc.), 16 S. Canal
MANNING, MAXWELL & MOORE, 22, 24 & 26 S Canal. (See adv. index, end of book)
Marshall & Huschart Machinery Co, 62 S Canal
Milwaukee Machinery Co., 62 S Canal
Packard, O. L. Machinery Co., 34 S Canal
Peerless Machinery Co., 193 Lake
Price Machinery Co. (Woodworking Machinery, etc.), Northern bldg
Plamondon, A., Mfg. Co., 57 S Clinton
Rich, Fred A. (Woodworking, etc.), 18 S Clinton
Sargent & Lundy, Railway Ex. bldg
SHAW, WILLIS (New and Second Hand), 171 La Salle. (See adv. index, end of book)
Skillin & Richards Mfg. Co. (Engines, Boilers, Pumps, Grain Elevator Machinery & Supplies), 127 Fulton
Street, R. R. & Co. (Engines, Boilers, etc.), 184 Washington
Thornburgh, H. L. & Co., 251 S Jefferson
Trench, Den'l G. & Co., 42 River
Van Siclen, A. & Co., 8 S. Canal
Wilard, C. P. & Co., 24 W Randolph
Williams, E. O. (Engines, Pumps, etc.), 66 S Clinton
Yeomans, Edw., Monadnock blk
DECATUR—Union Iron Works
ELGIN—Hawthorne Hdw. Co.
HOOPESTON—Sprague Canning Machinery Co.
MENDOTA—Mendota Mfg. & Transfer Co.
PEORIA—Armstrong, Jas. C. (Engines, Pumps, etc.), 830 S Wash'n
Peoria Belting Co., 717 S Adams
ROCKFORD—Savage & Love Co.
STERLING—Emmitt & Richardson

INDIANA.

BLOOMINGTON—Seward & Co. (Engines, Pumps, etc.)
EVANSVILLE—Grote Mfg. Co., 116 Fulton av
INDIANAPOLIS — **FAIRBANKS, MORSE** & Co., 140 S Meridian. (See adv. index, end of book)
Indiana Machine & Supply Co., Ingalls blk
Nordyke & Marmon Co. (Engines, Boilers, Pumps & Power Transmission, etc.)
Vonnegut Hardware Co.
LAFAYETTE—Wallace Mach. & Fdry Co.
PRINCETON—Maddocks & Herschell

IOWA.

CEDAR RAPIDS—Carmody, J. T.
Fawcett, C. E.
COUNCIL BLUFFS—Sprague Foundry & Mfg. Co.
DAVENPORT—Quirk, P. D.
DES MOINES—Beckman Bros.
Des Moines Mfg. & Supply Co.
Globe Machinery & Supply Co. (Engines, Boilers, Pumps, etc.)
Iowa Machinery & Supply Co.
LE MARS—Trenery, C. L. & Co.
MARSHALLTOWN—Lennox Machine Co.
MASON CITY—Hathorn Foundry & Machine Co.
OTTUMWA—Fair-Williams Bridge & Mfg. Co.
McDaniel, C. E.
ROCKFORD—Ayres, C. E.
SIOUX CITY—Baker Gas Engine & Supply Co., 412 Water

KANSAS.

ENTERPRISE—Ehrsam, J. B. & Sons Mfg. Co.
LEAVENWORTH—Fisher Machine Works Co.
WICHITA—Baker Implement Co.

KENTUCKY.

FRANKLIN—Harris & Crowdus
LOUISVILLE—American Machine Co., 524 E Main
CALDWELL, W. E. CO., 200 E Brandeis. (See adv. index, end of book)
Economy Machine Co., 523 E. Market
FAIRBANKS, MORSE & CO. (Engines, Boilers, Pumps, etc.). (See adv. index, end of book)
Grainger & Co., 129 10th
Joseph, Herman, 312 E. Main
Kockenrath, C. A., 311 E. Main
McWilliams, Jos. & Co. (Engines, Pumps, Boilers, etc.), 323 W. Main
Pyne, Harry B. & Co., 1109 W. Main
Pyne, W. T., Mill & Supply Co., 1301 W Main
Vogt Machine Co., 10th & Ormsby av
OWNESBORO—Guenther Wright Machine Co. (Engines, Boilers, Saw Mills, etc.)

LOUISIANA.

NEW ORLEANS—**AMERICAN HOIST &** Derrick Co., Hennen bldg. (See adv. index, end of book)
Baldwin, A. & Co. (Ltd.), 114 Camp
Boland & Gschwind Co. (Engines, Pumps, etc.), 1063 St. Thomas
Burt, C. S. & Co. (Ltd.) Engines, Boilers, Cotton Gins, Ginning Plants, etc.), 726 Gravier
Edwards, Danl. (Engines, Boilers, New & Second Hand Machinery), 1305 Canal
Fairbanks Co., 610 Canal
Gibbens & Stream, 213 Canal
Haubtman & Loeb Co. (Ltd.) (Engines, Boilers, Pumps, etc., New & Second Hand), 222 St. Peters
McArdle-Parker Machinery Co., 518 Camp
Murphy, Jno. H. (Engines, Boilers, Pumps, & Sugar & Saw Mill Machinery, etc.), 643 Magazine
Payne & Joubert, 423 Carondelet
Zelnicker, Walter A. Supply Co. (of St. Louis, Mo.) (Saw Mills, Engines, Boilers, Cranes, etc.). 531 Canal
SHREVEPORT—Henderson, W. K. Iron Works & Supply Co.

MAINE.

CALIAS—Elliott, Geo. E.
GARDINER—Holmes, P. C. Co.
Robbin's, C. A. Son (Engines, Boilers, Pumps, etc.)
LEWISTON—Carman-Thompson Co. (Engines, Boilers, Pumps, etc.)
PORTLAND—Barbour, J. & E. R. (Engines, Pumps, etc.)
Dunton-Chenery Co. (Engines, Flour & Saw Mill Machinery, etc.), 82 Union
Portland Co., 58 Fore

MARYLAND.

BALTIMORE—Aumen & Garrett, 211 North
Basshor, Thos. C. Co. (Engines, Pumps, etc.), 220 W Pratt
Carey Machinery & Supply Co. (Engines, Pumps, etc., & Metal & Woodworking Machinery), 117 S Fremont
Coggins & Owens, 102 N Frederick
Crook, Horner & Co.. (Engines, Pumps, Machinery Tools, etc.), 301 N Howard
Cuyler & Mohler (Machine Tools, etc.), 611 William
Dugan, Cumberland & Co., 619 S Caroline
Fadum, Fred'k, 408 W. German
Mallory, Jeremiah D. (Engines, Pumps, Machine Tools, etc.), 410 E Cross
Meyer, Henry H. (Engines, Boilers, Pumps & Contractors' Machinery etc.), 110 S Howard
Murray, Jas. & Son, 102 E York
Stebbins, Wallace & Sons, Charles & Lombard
Zies, Chas., 316 Fremont av

MASSACHUSETTS.

ARLINGTON—Birch, A.
BOSTON—Bond, Harold L. & Co. (Engines, Pumps, etc.), 140 Pearl
Byers & Smith, 103 Haverhill
Carver, Geo. G., 44 Kilby
Chandler & Farquhar (Machine Tools, etc.), 36 Federal
Exeter Machine Works, 32 Oliver
Fairbanks Co. (Machine Tools, Machinery, etc.), 42 Pearl
Firth, Wm. Co. (Textile), Equitable bldg
Franklin, Albert B., 165 Ft. Hill sq
Hill, Clarke & Co. (Machine Tools, etc.), 156 Oliver
Hoey, Thos. Supply & Equipment Co., 399 Atlantic av
Holmes & Blanchard Co., 37 Wash, N
Holt, S. L. & Co., 191 High
Holt, Shattuck & Co. (Engines & Woodworking Machinery), 45 Wash'n, N
Houghton, J. H., 77 Oliver
Jarvis Engineering Co. (Engines, Boilers, etc.), 61 Oliver
McLaughlin, Geo. G. Mfg. Co., 812 E 6th
MANNING, MAXWELL & MOORE, (All Kinds), 128 Oliver. (See adv. index, end of book)
Mason, J. M., 81 Haverhill
Moore, Frank K. Woodworking), 145 Oliver
Morton, A. M. & Co. (Engines, Boilers, etc.), 25 Wash'n
Perrin, Seamans & Co., 57 Oliver
Plummer, Harold H. (Woodworking), 30 Pratt, R. W., 111 Haverhill Oliver
Prentiss Tool & Supply Co. (Machine Tools), 145 Oliver
Ridlon, Frank Co. (New & Second Hand Dynamos, Motors, Engines, Pumps, etc.), 200 Sumner
Riley, C. E. & Co. (Textile), 65 Franklin
Roberts, Jas. H. & Co. (Engines, Boilers, etc.), 135 Portland
Sampson, Geo. H. Co. (Rock Drills, Air Compressors, etc.), 13 Pearl
Sherburne & Co. (Hydraulic Machinery, etc.), 53 Oliver
Smith & Thayer Co. (Engines, Boilers, etc.), 236Congress
Stoddard, Haserick, Richards Co. (Textile), 152 Congress
Thayer & Co., Tremont bldg
Walworth Mfg. Co., 130 Federal
CAMBRIDGEPORT—Worthen, Geo. E.
FALL RIVER—Dunn, Wm. J., 239 Central
FITCHBURG—Wachusett Machine Co. (Iron & Woodworking)
LOWELL—Scannell Boiler Works
LYNN—Dwyer Machine Co
MALDEN—Greene, Frank P.
PITTSFIELD—Howard & Morrow, 59 North
Robbins, Gamwell & Co. (Engines, Pumps, etc.)
SPRINGFIELD—Ford, H. (Engines, Pumps, Brick Machinery, etc.), 964 Main
Hannan & Finton, 19 Sharon
Russell, Jno. W. (Engines, Shafting, Pulleys), 47 Taylor
TAUNTON—Capron, F. S. & Son, 5 Hill
WORCESTER—Knight, E. O., 70 Central

MICHIGAN.

ALMA—Montingel, J. M.
ALPENA—Kline, Lewis T.
BAY CITY—Meister, R. & Sons
DETROIT—Commercial Supply Co. (Electrical, New & Second Hand), 104 Wayne
Detroit Shipbuilding Co. (Brass Dept.), 72 Orleans
FAIRBANKS, MORSE & CO. (Engines, Boilers, Pumps, etc.), 89 Jefferson. (See adv. index, end of book)
Harvey's, A. Sons Mfg. Co., 28 1st
Mitshkun, M. Co. (Engines, Boilers, Pumps, etc.), Chamber of Commerce bldg
Strelinger, Chas. A. & Co. (Machinery), 98 Bates
Wain, Chas. E. & Co. (Engines, Pumps, etc.), 9 Jeff'n av
Wormer, C. C. Machinery Co. (Engines, Boilers, Pumps, Iron & Wood Working, etc.), 97 Woodbridge, W.
Wray-Austin Machinery Co. (Engines, Machinery, etc.). 173 Woodbridge
GRAND RAPIDS—Adams & Hart, 12 W Bridge
Denison & Dykema, 666 Wealthy av
ISHPEMING—Cole, W. T.
JACKSON—Hutchison, Jno. Mfg. Co.
OWOSSO—Steggall, A.
SAGINAW—Heginbottom, S. H.
Jackson & Church Co.

MINNESOTA.

CANNON FALLS—Peters, O. F.
DULUTH—Duluth Machinery Co.
MINNEAPOLIS—Enterprise Machine Co., 1114 S 3d
FAIRBANKS, MORSE & CO. (Engines, Boilers, Pumps, etc.), 220 Nicollet av. (See adv. index, end of book)
Harris Machinery Co., 1025 S E Wash'n av
Howell, R. R. & Co., 124 3d av, N
Kilgore Machine Co., Kasota bldg
Midland Mach'y Co., 412 S 3d
Moulton & Evans (Engines, Dynamos, Grain Elevator, General Machinery & Supplies), 909 E 18th
Neidhardt, S. G., 1028 Delaware
Northern Machinery Co., 213 S. 3d
Otto Gas Engine Works, 318 S 3d
ST. PAUL—**FAIRBANKS, MORSE & CO.** (Engines, Boilers, Pumps, etc.), 234 E 3d. (See adv. index, end of book)
Kenny Bros., 351 E 4th
Roberts-Goss Co., 4th & Pine
Robertson, J. G., 90 E 5th
Robinson & Carey Co., 4th & Wacouta
South Park Foundry & Machine Co., 11 Gilfillan blk
Taylor & Hough, 282 E 6th
Waterous Engine Works Co., 62 S Robert

MISSISSIPPI.

CORINTH—Adams, W. T. Machine Co.
GRENADA—Grenada Machine Works
MERIDIAN—Hyde, Chas. J.

MISSOURI.

JOPLIN—English Iron Works Co.
Freman, J. W. (Engines, Boilers, Pumps & Mining Machinery)
Manley & Landruth
Moore & Co.
KANSAS CITY—Black, F. B. Co.
Borden & Selleck Co.. 114 W 3d
Burton, C. A. Machine Co., 306 Delaware
CONTRACTORS' SUPPLY & Equipment Co. (Engines, Pumps, Rock Crushers, etc.), 507 W 5th. (See adv. index, end of book)
Creamery Package Mfg. Co., 1215 W 10th
English Iron Works Co., 1215 W 10th
FAIRBANKS, MORSE & CO. (Engines, Boilers, Pumps, etc.), 1217 Union av. (See adv. index, end of book)
Great Western Mfg. Co., 1221 Union av
Lewis Supply Co., 1225 W 10th
Liggett. J. W. & Son, Main & Delaware
U. S. Water & Steam Supply Co., 1311 W 12th
MOBERLY—Faessler, J. Mfg. Co.
NEOSHO—Rogers, J. A.
ROCKVILLE—Meyer & Walker
ST. JOSEPH—Richardson, Geo. O. Machinery Co.
ST. LOUIS—Barry-Wehmiller Machinery Co., 21st & Walnut
Bowman, Albert B. (Metal Working Machinery of all Kinds, Cranes, etc.), 720 N 2d
Brown Machinery Co., 934 N 1st
Colcord, W. R. Machinery Co. (Machine Tools & Machinery), 823 N 2d
Curtis & Co. Mfg. Co., 2201 Wash'n av
Ellison. Wm. & Sons Mfg. Co.. 1018 N 6th
FAIRBANKS, MORSE & CO. (Engines, Boilers, Pumps), 8th c Clark av. (See adv. index, end of book)
Fisher & Davis (Engines, Boilers, Pumps, etc.), 1024 N Main
Gruendler Machine Co., 928 N Main
Houston-Stanwood & Gamble, 715 N 2d
Huff, C. H. & Son, 913 S 12th
Johnson, M. P. Machinery Co., 715 N 2d
Josnson, Wm. C. & Sons, 513 N 3d
Kingsland Mfg. Co., 1521 N 11th
MANNING, MAXWELL & MOORE, (All Kinds), 305 Frisco bldg. (See adv. index, end of book)
Nelson, N. O. Mfg. Co., 8th & St. Charles
Pratt, D. W., 618 N 3d
Rumsey, L. M. Mfg. Co. (Engines, Pumps, Machine Tools, etc.), 806 N 2d
Rumsey & Sikemeier Co., 1900 Pine
St. Louis Belting & Supply Co., 509 S 4th
St. Louis Machinists' Supply Co. (Machine Tools), 421 Franklin av
St. Louis Steam Engine Co., 16 S. Commercial
Teuscher & Son Machinery Supply Co., 930 N 2d

Thompson, C. A. (Iron Workers Tools. etc.), 516 N 3d
Western Iron & Supply Co., 940 N 2d
Willey, G. A., 316 S 8th
Wright, J. W. & Co., 800 N 2d
Yerkes & Finan Woodworking Machine Co. (Engines, Boilers & Woodworking Machinery)
Zelnicker, Walter A. Supply Co. (Saw Mills, Engines, Boilers, Cranes, etc., 408 N 4th
SPRINGFIELD—United Iron Works Co. (Engines, Boilers, Heaters, Pumps, etc.)

MONTANA.

ANACONDA—Anaconda Copper Mining Co.
BUTTE—Anaconda Copper Mining Co.
Montana Hardware Co.
HELENA—Holter, A. M. Hdw. Co.

NEBRASKA.

LINCOLN—Cooper & Cole Bros.
Hedges, C. E.
Smith, R. L. Machine Works
OMAHA—**FAIRBANKS, MORSE & CO.**, (Engines, Boilers, Pumps, etc.), 1102 Farnum. (See adv. index, end of book)
Lehmer, Jos. R. (Engines, Boilers, Pumps, etc.), 1212 Farnum
U. S. Supply Co., 1108 Harney
Western Electrical Co., 1510 Howard

NEW HAMPSHIRE.

CLAREMONT—Burns, Jno. W.
LANCASTER—Thompson Mfg. Co.
MANCHESTER—Hutchinson, C. H.

NEW JERSEY.

NEWARK—Benisch & Son, 7 N. J. R. R. av
McCune, P. & Sons, 334 Ferry
Millington & Bradshaw, 69 N. J. R. R. av
Newark Machinery Depot, 111 Hamilton
Newark Second Hand Machinery Co., 245 N. J. R. R. av
Walsh's Sons & Co., 260 Washington
PATERSON—Van Winkle, J. A. Co. (Engines, Boilers, etc.)
TRENTON—McFarland Foundry & Machine Co.

NEW YORK.

ALBANY—Albany Brass & Iron Co. (Engines, Boilers, Shafting, etc.), 174 B'way
Nicholson, Aaron, 11 Church
BINGHAMTON—Gaylord & Eitapence Co. (Engines, Boilers, etc.)
Sharpley & Wells
Winkler, A., 148 State
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Alberger, J. L. & Son, Ellicott sq
Buffalo Machinery Co. (Engines, Boilers, Pumps, etc.), 24 Burwell pl
Buffalo Tool & Machinery Co. (General Dealers), 176 Terrence
Fairbanks Co., 210 Main
Johnson, Chas. F. (Engines, Boilers, Pumps, etc.), Ellicott sq
Learmouth, Robt., White bldg
Queen City Engineering Co., 49 Illinois
Railway & Electric Equipment Co., Ellicott sq
Stimson, Henry B., 137 Wash'n
Whitman Mfg. Co., 178 Ohio
JAMESTOWN—Nichols, Benj. & Son
KINGSTON—Lawton, Wm.
MALONE—Hinds, Thos.
MIDDLETOWN—Coleman, Galen

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Brown, Jas. H. (and Second Hand Machinery), 7 Wash'n av
Smith, Thos. & Son (Second Hand), 445 Leonard
Ward & Upright Engineering Co., 41 York

Boroughs of Manhattan & Bronx.

NEW YORK—Alexander, Leo & Co. (Purchasing Agents & Exporters), 17 State
American Machinery & Export Co. (Purchasing Agents & Exporters), 114 Liberty
Bacon, Earle C. (Rock Crushers. Hoisting & Mining Machinery), 26 Cortlandt
Beggs, Jas. & Co. (Engines, Pumps, etc.), 109 Liberty
Behlen, Chas. (Engines, etc.), 72 Trinity pl
Bennett, Chas. A., 120 Liberty
Bennett, Geo. L. (Metal Working), 113 Liberty
Bethune Bros., 128 Pearl
Briggs, Marvin (Engines & Boilers, Pumps. etc.), 17 Battery pl
Commercial Railway Equipment Co. (Hoisting & Stationary Engines, Boilers & Steam Shovels), 42 B'way
CONTRACTORS' SUPPLY & Equipment Co. (Engines, Pumps, Rock Crushers, etc.), 170 B'way. (See adv. index, end of book)
Copleston & Saxelsby (Watertown Engine Co.'s Boilers, Engines, etc.), 39 Cortlandt
Donegan & Swift (Engines, Boilers, Pumps, Blowers, etc.), 6 Murray
Dustin, Chas. E. Co. (Electrical, etc.), 11 B'way
Eddy, Geo. B., 398 Madison
Fairbanks Co., 183 Elm
FAIRBANKS, MORSE & CO. (Engines, Boilers, Pumps, etc.), 133 Liberty. (See adv. index, end of book)
Francis Bros. & Jellett (Inc.), 47 E 18th
Garvin Machine Co. (Metal Working, etc.), 139 Varick
Granger, A. D. & Co. (Engines, etc.), 95 Liberty
Hampson, Edw. P. Co. (Engines, etc.), 26 Cortlandt
Haring, Wm. F., 120 Liberty
Humbert, J. S. (Pumping, etc.), 111 Cedar
Iredell, F. W., 26 Cortlandt
Leonard & McCoy ((Engines, Boilers, Pumps, etc.). 161 Wash'n
Love, W. & G. W., 175 Grand
McCabe, Jas. J. (Machine Tools), 14 Dey
McClave, Hamilton & Co., 85 Liberty
McSwegan, Frank & Sons, 1 New York & Brooklyn Bridge
MANNING, MAXWELL & MOORE, (All Kinds), 85, 87 & 89 Liberty. (See adv. index, end of book)
Miller, J. D. & Co., 39 Cortlandt
Mine & Smelter Supply Co., 139 Liberty
Montgomery & Co. (Machinery & Tools), 105 Fulton
Motley, Green & Co., 68 Broad
Niles, Bement, Pond Co. (Machinery, Tools, etc.), 136 Liberty
Olney & Warrin, 36 Dey
Patterson, Gottfried & Hunter, Ltd. (Machinery & Tools, etc.), 146 Centre
Payne Engineering Co. (Engines, etc.), 26 Cortlandt
Prentiss Tool & Supply Co., 115 Liberty
Roberts, Geo. I. & Bros., 471 4th av
Rossiter, McGovern Electric Co. (Engines, Boilers, Pumps, etc.). 17 Battery pl
Scholl, Julian & Co., 126 Liberty
Sullivan, Jno. W. (Engines), 385 South
Thayer & Co. (Inc.), 39 Cortlandt
Todd, Jos. C., 203 B'way
Verdon, F. A. Co., 25 Pine
Wachs, E. H. Co. (Engines), 39 Cortlandt
Watson, Benjamin (Second Hand), 66 Beaver
Wells Engineering Co., 136 Liberty
Wickes Bros., 95 Liberty
Wilson & Roake, 261 Front
Woolston & Brew (Engines), 152 W 56th

END OF NEW YORK CITY.

PEEKSKILL—Naylor Bros.
ROCHESTER—Belting & Machinery Co.
Hey & Co., 429 State
Michel, Geo. J. Co., 25 S Water
SYRACUSE—Syracuse Supply Co.
TROY—Tolhurst, W. H. & Son (Engines, Boilers, etc.)

NORTH CAROLINA.

CHARLOTTE—Alexander & Garsed
Charlotte Supply Co. (Engines, Boilers, Cotton Mill Machinery, etc.)
Liddell Co.
Mecklenburg Iron Works
Robbing, O. A.
Southern Hdw. Co.
Tompkins, D. A. Co. (Wholesale Dealers)
Washburn, A. H.
GOLDSBORO—Dewey Bros.
NEWBERN—Hyman Supply Co.
SALISBURY—Thompson, P. H.
WILMINGTON—Whitlock, Chas. M.

OHIO.

CINCINNATI—Barnes, Chas. Co., 55 Main
Economy Machinery Co. (Engines, Boilers, Pumps, etc.) (Jno. H. Flynn, Prop.), 428 E Pearl
FAIRBANKS, MORSE & CO. (Engines, Boilers, Pumps, etc.), 307 Walnut. (See adv. index, end of book)
Johnston, Wm. T. Co. (Engine Pumps, Blowers, etc.), 522 Main
Kinsey, E. A. Co. (Metal Working Machinery, etc.), 331 W. 4th
Marshall & Huschart Machinery Co., 31 W 4th
Norton & Cole Machinery Co., Perin bldg
Queen City Supply Co. (Machine Tools & Machinery), 201 W Pearl
Randle Machinery Co. (All Kinds of New & Second Hand Re-Built Machinery), Cumminsville
Rugg, J. K. & Co., Commercial Tribune bldg
CLEVELAND—**BARTLETT, C. O. &** Snow Co. (See adv. index, end of book)
Bowler, Geo. H. & Co. (All Kinds), Williamson bldg
FAIRBANKS, MORSE & CO. (Engines, Boilers, Pumps, etc.), 99 Water. (See adv. index. end of book)
Kaltenbach & Griess, Williamson bldg
MANNING, MAXWELL & MOORE, (All Kinds). Williamson bldg. (See adv. index, end of book)
Manning-Stovering Co., 110 Merwin
Marshall & Huschart Machinery Co., 119 Bank
Pattison, W. M. Machinery Co. (Engines, Boilers, etc.). 263 St. Clair
Randall, J. F. & Co., 166 Euclid av
Reade Machinery Co. (New and Second Hand),
STRONG, CARLISLE & HAMMOND Co. (Machine Tools, Engines, etc.), 61 Frankfort. (See adv. index, end of book)
Worthington, Geo. Co., 99 St. Clair
COLUMBUS—Andrews & Barnes (Mining Machinery, etc.), 45 W. Broad
Eaton Machine Works, 98 W Broad
Miller, W. H. Co., 33 W Broad
Sackett Mine Supply Co. (Mining Machinery, etc.)
Weinman Machine Works, 21 N Scioto
DAYTON—Patterson Tool & Supply Co. (Machine Tools & Machinery)
GREENVILLE—Ross Supply Co. (Gasoline Engines, Pumps, Wind Engines, etc.)
MARIETTA—Ohio Valley Supply Co.
Pattin Bros. Co.
MARION—Marion Supply & Oil Co.
SPRINGFIELD—Casey, D. L. Machine Co. (Second Hand), 74 E Wash'n
TOLEDO—Arbuckle, Ryan & Co. (Engines, Boilers, Pumps, etc.)
National Supply Co.
Shaw-Kendall Engineering Co. (Engines, Boilers, etc., New & Second Hand), 3 St. Clair
Toledo Supply Co. (Engines. Boilers, Pumps, etc.)

OKLAHOMA TERRITORY.

OKLAHOMA—Sherman, N. S. Machinery Co.

OREGON.

CANBY—Kocher, Andrew
PORTLAND—Arthur, J. M. & Co., 40 1st
Bell & Wildman, 29 1st, N.
Christenson Machinery Co., E Water
Crofut, McAyeal Machinery Co.
Dayton Hdw. Co., 192 1st
FAIRBANKS, MORSE & CO. (Engines, Boilers, Pumps, etc.), 1st & Stark. (See adv. index, end of book)
Gauld & Kline Co. (Engines, Pumps, etc.), 44 1st
Heintz, A. R. & Co., Burnside Bridge
Honeyman, Jno. & Co., 301 Front

Mitchell, Lewis & Staver Co., 1st c Taylor
Poole, Mrs. Jno., Ft. Morrison
Portland Iron Works, 495 Northrup
Tatum & Bowen, 29 1st
Willamette Boiler Works, 123 N 3d
OREGON CITY—Roake, J. & Son

PENNSYLVANIA.

ALLEGHENY—Bradley, C. H. Jr. & Co., Penna & Grant av
Carlin Machinery & Supply Co. Lacock & Sandusky
Carlin's, Thos. Sons Co., 1600 River av
Young, Jno. S., 108 Parkway
ALLENTOWN—Allentown Foundry & Machine Works
Taylor, Wm. H. & Co. (Engines, Boilers, Pumps, etc.)
Yeakel, S. H.
BLUE BALL—Shirk, P. E.
BRADFORD—Bovaird & Seyfang Mfg. Co.
McElwaine Co.
DOYLESTOWN—Rufe Bros.
ERIE—Erie Machine Shops, 13th & Peach
Erie Mfg. & Supply Co. (Engines, Boilers, etc.)
Link, E. M. Machinery Co. (Engines, Boilers, Saw Mill Machinery, etc.)
HARRISBURG—McKillips, A.
Mather, Edmund
HAZLETON—Hazleton Machy & Supply Co.
HOLLIDAYSBURG—McLanahan Stone Machine Co.
LANCASTER—Best, Jno. (Est. of) (Engines, Pumps, etc.)
Central Machine Works
LATROBE—Saxman, P. H.
MAUCH CHUNK—Stroh, W. H. (Est. of)
OIL CITY—Logan, Abraham W. (Engines, Boilers & Machinery)
Logan, Bobt.
PHILADELPHIA—Baily, R. M. & Co. (Locomotive Cranes, Steam Shovels, Hoisting Engines, Boiler Making, Ship Building, Structural Work, Machinery, etc.), Arcade bldg
Bond, Chas. (Power Transmitting, etc.), 520 Arch
Borton & Tierney Co., Girard bldg
Bowman, H. L. & Co., Frankfort & Worrell
Burchfield, T. T. Co., Betz bldg
Campbell, T. J., 974 Beach
Conard, Thos. P. (New & Second Hand), 119 S 4th
Eckbold's, Wm. Sons, 707 E. Girard av
Fairbanks Co., 701 Arch
Fidelity Machine & Metal Co. (New & Second Hand Engines, Boilers, etc.), 1406 Wash'n av
Francis Bros. & Jellett (Inc.), 245 N Broad
Frick, Horace E. Co. (Engines, Boilers, Pumps, etc.), 715 St. James
Gifford, C. H. & Co., 135 N 3d
Girard Machine Works (Inc.), 2616 Girard av
Greaves, Chas., 109 N Front
Haddock, Chas., 343 N. 3d
Henning, Jno. & Son, 1016 E Susquehanna av
Hoffman, Morris (New & Second Hand), 413 S 8th
Jefferson, Edw. & Bro. (Machine & Mill Furnishers), 127 S 2d
Kaiser, A. V. & Co., 222 S 3d
Lamb, J. K. Textile Machinery Co. (Textile), 246 Chestnut
Latimer, R. L. & Co. (Engines, Bolers, Pumps, etc.), 31 N Front
Lovegrove & Co. (Engines, Boilers, Machinery & Machine Tools), 143 N 3d
MANNING, MAXWELL & MOORE (All Kinds), 721 Arch. (See adv. index, end of book)
Mitchell, J. H., 821 N 13th
Muckle, M. R., Jr. & Co., Stephen Girard bldg
Nuttall, Jno., 1723 N 5th
Purves Machinery & Iron Co., South c Water
Rich, Wm. D., 418 N. 3d
Rich, J. & G., 120 N 6th
Scattergood, D. & Co., 301 Arch
Schmitt, Jos. L., 1501 N 2d
Schrader, Jno. J., 908 Beach
Sciple Boiler & Engine Co., 301 Arch
Scott, Jas., 241 Chestnut
Seyfert's, L. S. Sons, 437 N 3d
Shipley, Wm. E., The Bourse
Smith, Geo. A. Machinery Co., 415 Arch
Thayer & Co. (Inc.), Land Title bldg
Thomas, Ervin, 1114 Frankford av
Toomey, Frank (Engines, Pumps & Machinery), 127 N 3d
Watt's, Jno. M. Sons, 123 S 2d
PITTSBURG—Atwell Machinery Co. (Engines, Boilers & Machinery), Farmers' Bank bldg
Baird Machinery Co., 123 Water
Dravo, Doyle & Co., Lewis blk
Force Machinery Co. (F. J. Force Prop.), (Woodworking), House bldg
Foster & Green, Farmers' Bank bldg
Frick & Lindsay Co. (Engines, Boilers, Pumps, etc.), 109 Wood
Hyde Bros. & Co., Empire bldg
Iron City Engineering Co., Frick bldg
McIlwain, J. D. & Co., 208 3d av
MANNING, MAXWELL & MOORE (All Kinds), Park bldg. (See adv. index, end of book)
Pittsburg Boiler & Engine Co. (Engines, Boilers, etc.), Park bldg
Pittsburg Gauge & Supply Co. (Engines, Pumps, etc.), 309 Water
Rees, Jas. & Sons Co., 18 4th
Renton, Wm., 101 Water
Russell Machine Co., 28th & A. V. Ry.
Sheriff Machinery & Supply Co. (Engines, Boilers, Pumps, etc.), 206 2d av
Smith, Chas. G. Co.
Somers, Fitler & Todd Co., 327 Water
POTTSVILLE—Sparks & Parker
READING—Seibert, Jno. H. (Engines, Pumps, etc.), 116 Water
Xander Machine & Supply Co. (Ltd.)
SCRANTON—Scott; Chas. B., 119 Franklin
Scranton Mercantile Co.
Scranton Supply & Machinery Co. (Engines, Boilers, Pumps, etc.), 131 Wyo. av
SMITHS FERRY—Childs, Jno. (Oil & Gas Well, etc.)
TUNKHANNOCK—Billings, Paul & Sons
WILKESBARRE—Penn Supply Co. (Engines, Boilers, Pumps, etc.)
WILLIAMSPORT—Darling Pump & Mfg. Co.
Moltz, Jacob J.

RHODE ISLAND.

PROVIDENCE—Brown Bros. Co., 62 Exchange pl
Burton, David, 25 Page
Colvin, R. N., 165 Orange
Thomas & Lowe Machinery Co.
Thornton Machinery Co.

SOUTH CAROLINA.

CHARLESTON—Bailey-Lebby Co., 213 Meeting
Cameron & Barkley Co. (Engines, Pumps & Machinery), 162 Meeting
Charleston Iron Works (Engines, Pumps & Machinery)
Pitcher, C. S. (Engines, Boilers, Pumps, & Machinery)
Riverside Iron Works
Valk & Murdock Iron Works (Engines, Boilers, Pumps, etc.)
COLUMBIA—Gibbes Mach. Co.
SPARTANSBURG—Morgan Wood & Iron Works
Spartansburg Machinery Co. (Engines, Boilers, Pumps, etc.)

SOUTH DAKOTA.

RAPID CITY—Congdon, G. S. Hdw. Co.

TENNESSEE.

CHATTANOOGA—Chattanooga Machinery Co. 1315 Market
James & Co., 101 W. 8th
Walsh & Weidner Boiler Co., Montgomery av & Ash
KNOXVILLE—Ruof, Wendell
Southern Brass & Iron Co.
MEMPHIS—Chickasaw Iron Works (Engines, Pumps & Machinery)
Riechman-Crosby Co. (Pumps, Logging Tools & Lumber Mfrs. Supplies, etc.)
NASHVILLE—Dale, Jno. P. (Engines, Pumps, etc.)
Nashville Machine Co.
Stewart & Bruckner

TEXAS.

BASTROP—Cropton, J. B.
BEAUMONT—Wilson, E. L. Hdw. Co.
BRENHAM—Roff & Miller
BRYAN—Chatham Machinery Co.
CUERO—Runge, H. & Co.
DALLAS—Adams, W. T. Machinery Co., 111 S Market
American Well Wks., 123 Main
Aultman & Taylor Machinery Co., Pacific av c Camp
Briggs-Weaver Machinery Co.
Dallas Mill & Gin Supply Co., 175 Elm
Dillon, I. H. Machine Co.
Graber, H. W. Machinery Co.
Keating Implement & Machine Co., 106 N Jeff'n
Mosher Mfg. Co., 313 S Lemar
Wolfe, Ben F. & Co., 175 Commerce
Young, Heintz & Co., 181 Elm
EL PASO—Mine & Smelter Supply Co.
FT. WORTH—Abbott, Jno. T. Mach'y Co. (New & Second Hand)
Axtell, Fred. W. (Wind Mills, Tanks, etc.)
Brown, T. M. & Co. (Wind Mills, Pumps, Tanks, etc.)
Southern Trading Co.
Texas Mfg. Co.
Van Zandt-Moore Iron Works (Engines, Boilers, Pumps, Dynamos, Motors, etc.)
Wares, Dudley & Co. (Engines, Pumps, Saw Mils. etc.)
GALVESTON—Astall Iron Works Co.
HOUSTON—Barden Electric & Machine Co.
Hartwell Iron Works
Heitmann, F. W. & Co., 113 Main
Smith, Howard Co. (Engines, Boilers, Pumps, etc.)
PALESTINE—Dilley, Geo. M. & Son
PARIS—Collins & Dulaney
SAN ANTONIO—Alamo Iron Works
Collins, F. F.
Gunther Foundry, Machine & Supply Co.
San Antonio Machine & Supply Co.
TYLER—Connally, Walter & Co.
Smith-Palmore Machinery Co.
WACO—Kellett-Chatham Machinery Co.

UTAH.

SALT LAKE CITY—FAIRBANKS, MORSE & CO. (Engines, Boilers, Pumps, etc.), 218 S. W. Temple. (See adv. index, end of book)
Mine & Smelter Supply Co.
Salt Lake Hdw. Co.
Scott, Geo. M., Strevell Hdw. Co., 168 S. Main
Silver Bros. Iron Wks. Co.
Trent Engineering & Machinery Co.
Utah Mining Machinery & Supply Co.

VERMONT.

BENNINGTON—Scott, Olin
BURLINGTON—Lang & Goodhue Mfg. Co. (Engines, Pumps, etc.)
CHESTER—Stearns, F. H. Mfg. Co.

VIRGINIA.

NORFOLK—Duvall, Geo. W. & Co., 380 Water
Kearns & Armstrong, Chamberlain bldg
Lumley-Dodson Co. (Engines, Boilers, Pumps, etc.)
Mayer & Co. (Engines, Boilers, etc.), 74 Commercial pl
Perry, Theo. A., 301 Water
Porter-McNeal Co., 283 Water
Price, S. M. Machinery Co.
Walke, Henry Co. ,Engines, Boilers, etc.), 286 Water
Westbrook, Jno. D., 265 Water
PETERSBURG—Stratton, Bragg Co.
RICHMOND—Frischkorn, Hunter B., 812 E Cary
Grant, W. E. (Broker) (Engines, Pumps, Machinery, etc.)
Smith-Courtney Co. (Engines, Boilers, etc.), 1418 E Carey
Talbott & Sons, 9 S 14th
Virginia Machine Co.

WASHINGTON.

OLYMPIA—Mason, C. Z.
SEATTLE—Alaska Co. (Inc.)
Caldwell Bros. Co.
Campbell, Wm. & Sons
Hallidie, Henshaw, Bulkley Co. (Engines, Boilers, Pumps, etc.), 315 2d av, S
Mitchell, Lewis & Staver Co.
Moore, Chas. C. & Co.

Perkins, Wm. D. & Co. (Engines, Boilers, Pumps, etc.), New York blk
Puget Sound Machinery Depot
Star Machinery Co.
Western Machinery Co.
Wittler-Corbin Machinery Co.
SPOKANE—Bradley Engineering & Machinery Co.
Case, J. I. Threshing Machine Co.
Mitchell, Lewis & Staver Co.
National Iron Works
Spokane Hardware Co.
Union Iron Works (Inc.), (Mining Machinery, Engines, etc.)
TACOMA—Caldwell Bros. Co. (Mine Waterworks, etc.)
Keith, P. R. & Co.
Puget Sound Dry Dock & Machine Co.
Puget Sound Metal Works

WEST VIRGINIA.

CHARLESTON—Capitol City Supply Co.
South Side Foundry & Mach. Works
CLARKSBURG—Osborn's, J. F. Sons
HUNTINGTON—Miller Supply Co.
WESTON—Danser, W .C.
WHEELING—Howe, A. D. Machinery & Supply Co.

WISCONSIN.

ASHLAND—Bretting C. G. Mfg. Co. (Mill Machinery, etc.)
BARABOO—Farnum, Chas. H.
MADISON—King & Walter Co. (Engines, Pumps & Machinery)
MILWAUKEE—Galland - Henning Pneumatic Malting Drum Mfg. Co., Mitchell bldg
Grotenrath, Fred, 111 W. Water
Holbrook Co., Muskego av & S Canal
Lauson, C. P. & J. (Mill Machinery), 103 W Water
Milwaukee Machinery Co., 3015 Walnut
Mooers, H. Co., 114 2d
Packard, O. L. Machinery Co. (Wood & Iron Working Machinery), 133 W Water
Vaughn Machine Co., 348 Milwaukee
Weiss, Fred W., 502 Wells
Wisconsin Machinery & Mfg. Co., S Canal nr Muskego av
Yale, H. P. & Co., 3011 State
PINE RIVER—Kimball, A. M. & Son
STEVENS POINT—Cook(R. A.
WAUSAU—Murray, D. J. Mfg. Co.

Machinists & Founders

*Indicates Machinists.
†Indicates Founders.
*†Indicates Machinists & Founders.
§Indicates Brass & Composition Founders.

All manufacturers of machinery, castings, etc., who have a machine shop or foundry are classified under this heading and sub-classified in other parts of the book under the specific article they produce, such as:

Agricultural Implement Mfrs.
Brick Machinery, etc.
Cars, various kinds.
Cast Iron Pipe, various kinds.
Castings, various kinds.
Cranes, various kinds.
Drills, various kinds.
Dynamos & Motors.
Elevators.
Engines, various kinds.
Flour Mill Machinery.
Founders. Malleable Iron.
Gears, various kinds.
Grinders, various kinds
Hammers, various kinds.
Harrows, sub-classification of Agl. Implts.
Ice & Refrigerating Machinery.
Lathes, various kinds, sub-classification of Mach. Tools.
Machine Tools.
Mining Machinery.
Paper & Pulp Mill Machinery.
Plow Mfrs., sub-classification of Agl. Implts.
Plumbers' Brass Goods.
Presses, various kinds.
Radiator Mfrs.
Rolling Mill Machinery.
Saw Mill Machinery.
Special Machinery.
Stove Mfrs.
Textile Machinery.
Valve Mfrs., various kinds.
Wheels, various kinds, and hundreds of other articles too numerous to mention.
Woodworking Machinery.

For correlative trades not included under head of Machinists & Founders see:

Automobile Builders.
Boilers, Steam, etc.
Bolt, Nut & Rivet Mfrs.
Bridge Builders, Steel.
Chains, various kinds.
Cornices, Galvanized Iron, etc.
Cutlery Mfrs.
Forgings, various kinds.
Furnace Mfrs., Hot Air, etc.
Gas Machines, various kinds.
Gas & Electric Fixture Mfrs.
Hardware Mfrs.
Heaters, Steam & Hot Water.
Iron & Steel Structural Work.
Nuts. various kinds.
Rolling Mills & Steel Mfrs.
Saw Mfrs.
Screw Mfrs.

For all other kindred classifications consult Index of Contents.

ALABAMA

ALEXANDER CITY—*†Douglas-Stewart Foundry & Machine Co.
ANNISTON—*†Alabama Frog & Switch Co. (Frogs, Switches & Crossings)
†Central Foundry Co. (See New York)
†Hercules Iron & Supply Co. (Soil Pipe, etc.)
*†Kilby Locomotive & Machine Works (Logging Locomotives, Cars, Wheels & Axles)
*Lewis Iron Works (Iron Founders & Machinists)
†U. S. Cast Iron Pipe & Foundry Co. (See New York)
Weller Rolling Mill & Forge Co.
ATTALLA—*†Attalla Foundry & Mach. Co. (Iron Fdrs. & Machinists)
AVONDALE—*†Avondale Stove & oundry Co. (Stoves)
BESSEMER—*†Bessemer Foundry & Machine Co.
†Bessemer Soil Pipe Co.
†Central Foundry Co. (See New York)
†U. S. Cast Iron Pipe & Foundry Co. (See New York)
BIRMINGHAM—†American Casting Co. (Founders)
†§Andrews, G. L. (Brass Fdry.)
Bartlett-Tewksbury Machine Mfg. Co.
†§Bates Metal Co. (Brass Founders)
*Beatty Bros. (Machinists)
†Beggs Pipe & Foundry Co. (Cast Iron Pipe)
*†Birmingham Machine & Foundry Co. (Steam Engines, etc.)
†Birmingham Pipe & Casting Co. (Soil Pipe & iFttings & Castings)
*Birmingham Rail & Locomotive Co.
*†Caldwell-Watson Fdry. & Mach. Co.
*†Continental Gin Co. (Cotton Gins, etc.)
*†Decatur Car Wheel & Mfg. Co.
*†Dimmick Pipe Co. (Cast Iron Pipe for Gas & Water, Hydrants, Valves, etc.)
*†Eureka Fdry. & Machine Co. (Fdrs. & Machinists)
§Gibb, Valentine & Co. (Brass Foundry)
*†Hardie-Tynes Mfg. Co. (Corliss Engines, etc.)
*†Hood Machine Co. (Fdrs. & Machinists)
*Means & Fulton Iron Works
*Sloss-Sheffield Steel & Iron Co. (Also Mfrs. of Iron & Steel)
†Southern Pipe & Fdry. Co. (Cast Iron Pipe)
*†Standard Stove Works (Stoves, etc.)
*†Stockham Pipe & Fittings Co.
*†Strickland Machine Co. (Machinists & Fdrs.)
*†Tennesee Coal, Iron & R. R. Co. (Steel Castings, etc.)
*†Union Foundry & Machine Co.
*White, Blakeslee Mfg. Co. (Veneer Cutting Machines, etc.)
*†Williamson Iron Co. (Engines, Builders' Castings, etc.)
*†Wulbern Machine & Foundry Co.
BRIDGEPORT—*†Gunter Stove Works (Stoves)
COLUMBIA—*†Jones, A. A.
CULLMAN——*§Ehrensperger, H. (Brass Fdry. & Machinist)
DECATUR—*†Jervis Foundry & Machine Co.
ENSLEY—*†American Steel & Wire Co. (See Chicago, Ill.)
*†Empire Plow Co. (See Cleveland, O.
*†Tenn. Coal, Iron & R. R. Co.
FLORENCE—†Thoele, Henry (Foundry)
FORT PAYNE—*†Standard Stove Works
†Valley Foundry Co.
GADSEN—*†Agricola, Otto Mfg. Co. (Stoves)
*†Gadsden Car & Machine Co. (Mining Cars, Wheels, etc.)
*†Gadsden Pipe & Foundry Co. (Soil Pipe, etc.)
*†Ward-Weller Mfg. Co.
*Weller Rolling Mill & Forge Co. (See Anniston)
GREENVILLE—*Henderson, C. C. Machine Co.
HUNTSVILLE—*†Huntsville Foundry & Machine Works (Iron & Brass Fdrs.)
MOBILE—*†§Alabama Iron Works (Iron & Brass Fdrs.)
†Bailey Iron Works
*Bay City Machine Works
*†Home Industry Iron Works
*†Louisville & Nashville R. R. Foundry & Machine Shops
*†Mahler & Ollinger (Fdy. & Machinists)
*†Mobile Stove & Pulley Mfg. Co.
MONTGOMERY—*Capitol City Machine Works
*†Hartley Boiler Works
*†Janney, A. A. & Co. (Engines, Saw Mills, Grate Bars, Castings, etc.)
NEW DECATUR—*†North Alabama Engineering Co. (Engines, Castings, etc.)
PELL CITY—*†Pell City Mfg. Co.
SELMA—*†Peacock Iron Works Co. (Engines, Cars, etc.)
*†Union Iron Works Co. (Engines, Locomotives Re-Built, etc.)
SHEFFIELD—*†King Bee Stove Works
†Sheffield Iron Works
*†Sheffield Stove & Foundry Co. (Stoves)
TUSCUMBIA—*†Rowland, T. T. & Son (Cultivators)
*†Strickland Bros. Machine Co.

ARIZONA

CLIFTON—*†Arizona Copper Co.
DOUGLAS—*†Copper Quen Consolidated Mining Co.
JEROME—*†United Verde Copper Co.
NOGALES—*†Arizona & Sonora Mfg. Co. (Mining Machinery, Castings, etc.)
PHOENIX—†Standard Iron Works
†Williscroft & Carpenter
TUSCON—*†Gardiner, Worthen & Goss Co.

ARKANSAS

BLACK ROCK—†Garner, W. L.
BRINKLEY—*†Brinkley Car Works & Mfg. Co.
CAMDEN—*†Waters, J. H.
CLARENDON—*†Galloway, J. B. Co. (Plow Beams, etc.)
DARDENELLE—*†Partin, W. E.
FAYETTEVILLE—*†Fayetteville Iron Works & Machine Shops
*McLendon, J. W.
FORT SMITH—*†Burke, M. W.
*†Foundry Gin & Machine Co.
*†Ketchum Iron Co. (Engines, etc.)
*†Mehlberger Iron Co.
HARRISON—*†Harrison Foundry & Machine Co.
LITTLE ROCK—*†§Thomas-Fordyce Mfg. Co. (Iron & Brass Fdrs., etc.)
*Wehrfritz, E. C. Machine & Supply Co. (Engines, etc.)
*†Wing & Stephens Co. (Engines, etc.)
MAGNOLIA—†Miller, Geo.
MORRILLTON—*†De Long Machinery Co.
PARAGOULD—*†Coffman, W. S.
PINE BLUFF—*†Dilley Foundry Co. (Saw Mill Machinery, Castings, etc.)
*†§Pine Bluff Iron Works (Iron & Brass Fdrs.)
TEXARKANA—*De Marce, Mrs. A. (Engines, Castings, etc.)
*†Texarkana Iron Works
*†Twin City Foundry & Machine Co.
VAN BUREN—†Morell, Jas.

CALIFORNIA

ALVARADO—*†Tay, Geo. H. Co. (Stoves, etc.) (See San Francisco)
BAKERSFIELD—*†Bakersfield Iron Works (Inc.)
†Webster, A. J.

BENECIA — *†Benicia Agricultural Works (Plows, Cultivators, Harrows, etc.)
CHICO—*†Mery, M. L.
COLUSA—*†Wulff, Frank
DOWNIEVILLE—*†Forbes, Robt.
EMERYVILLE—*†Judson Mfg. Co. (See San Francisco)
EUREKA—†Eureka Foundry Co.
*Paul, J. E. & Son (Machinists)
FRESNO—*†Porteous, Ja. (Plows etc.)
*†Traves, Chas. E. (Machinist & Foundry)
*†Valley Foundry & Machine Works
*Woodward Bros. (Machinists & Agricultural Imp.)
GALT—*†Ames, A. T. (Pumps, Wind Mills, etc.)
GILROY—*Robins, Jos B. (Machinist)
GRASS VALLEY—*†Lakeman, J. M.
†Taylor Bros.
GREENVILLE—*†Anderson, Alex.
HANFORD—*†Isaac, F. N. (Agl. Imp., etc.)
HEALDSBURG—*†Priest, W. H.
KESWICK—*†Mountain Copper Co.
LOS ANGELES—*†Advance Machine Co.
*†§Axelson Machine Co. (Brasss Fdrs. & Machinists)
*†Baker Iron Works
*Enterprise Machine Works
*†§Fulton Engine Works (Inc.) (Mining, Oil Well & Saw Mill Machinery & Iron & Brass Castings, etc.)
†§Hutchinson, W. G. Co. (Brass Fdrs. etc.)
*Johnson, Geo. C. (Machinist)
*§Jones, Jas. Co. (Brass Fdrs.)
*†Keystone Iron Works
†Lacy Mfg. Co. (Iron Pipe, etc.)
*†§Llewellyn Iron Works (Iron & Brass Fdrs., etc.)
†Los Angeles Foundry Co.
*§Los Angeles Gas & Eelc. Fixture Mfg. Co. (Brass Fdrs., etc.)
*Los Angeles Well Tool Works
*Luitweiler Pumping Engine Co. (Pumping Machinery, etc.)
*McCabe, P. B. & Co. (Concentrators)
*Machinery & Electrical Co.
*†Pacific Coast Mfg. Co.
*†Pacific Electric Railway Co.
*†Pacific Stove Co. (Stoves, etc.)
*Parker, F. M. (Oil Well Pumps)
*Pioneer Boiler & Machine Works (Machinists)
*South Los Angeles Machine Co. (Machinists)
*§Standard Iron & Brass Works
*Stearns, Frank L. (Engines, Plows & Pumps)
*†Union Iron Works
†United Steel Casting Co. (Steel Castings)
†Van Vorst & Berman
†Washington Iron Foundry
*†Western Iron Works
MARYSVILLE—*†Empire Foundry & Harvester Works (Harvesters, Castings, etc.)
*Ogden, Jas. G. (Machinist)
NAPA—*Jacobson, J. C. (Machinist)
NEVADA—†Allen, A. D. (Foundry)
†Martin-Muir Co. (Foundry)
OAKLAND—*†Dalton, Henry & Sons Co.
*†Judson Mfg. Co. (See San Francisco)
*†§Matthews, F. I. (Iron & Brass Fdr. & Machinist)
*†Phoenix Iron Works
*†United Iron Works
*§Young, R. S. Supply Co.
OROVILLE—*Hill, J. & Sons
PASADENA—*Hodge Bros. Co.
*Lincoln, E. W.
PLACERVILLE—†El Dorado Foundry Co.
POMONA—*†Lindsay & Addison
RED BLUFF—†Hammer, H. H.
*†Sierra Lumber Co. (Office, San Francisco)
REDDING—*†Redding Iron Works
REDLANDS—*†Gaylord & Co.
*†Osborn & Parker
RICHMOND—*†Richmond Fdry. & Mfg. Co. (Gray Iron Castings & Hdw. Specialties). See San Francisco
RIVERSIDE—*†California Iron Works
*Miller, A. W. Mfg. Co.
††Riverside Fdry. & Machine Works
SACRAMENTO—*†Baker & Hamilton. (See San Francisco)
*Byrte, M.
†Chapin, W. W.
*†Cunningham, Mrs. Jno. A.
*†Root, Neilson & Co. (Founders & Machinists)
*†Sacramento Foundry & Machine Works
†Schaw-Batcher Co. (Cast Iron Pipe)
SALINAS—*Iverson Bros. (Machinists, etc.)
SAN BERNARDO—*California Iron Works
*†Griffith & Middleman
†Hanford, J. J.
†Parker Iron Works
*§Santa Fe R. R. Co.'s (Brass Fdry)
*†Southern Pacific Railroad Foundry
SAN DIEGO—*†Clark & Brant
†McCoy, Thos. & Sons
*†Standard Iron Works
*†Sterne Bros. Co.
SAN FRANCISCO—†Alvarado Foundry (Iron Founders). 49 1st
*American Balance Valve Co. (Valve Mfrs.), 120 Montgomery
*†Anderson, Brower & Leishman
*Atlas Pipe Wrench Co. (Pipe Wrenches) etc.), 410 Sacramento
*†Axford Bros (Stove Mfrs.). 2256 Harrison
*§Burtchaell, J. W. (Gas & Electric Fixtures)
*†Benicia Agricultural Works (Inc.) (Agricultural Implements), Pine & Davis. Works, Benicia, Cal.
*Bennett, Edward O. (Eng. & Machinist), 112 Fillmore
*Bertrand & Pryds (Machinists), 635 California
*Bigelow, Jno. K. (Machinery). 23 Jessie
*Binns, Wm. H. (Machines & Tools), Howard & Fremont
†Birmingham & Drew (Iron Founders), 309 Folsom
*Blennerhassett, R. J. (Presses, Dies, Canning, Printing Machinery), 221 1st
*†Bluxome Street Foundry (Engines, Iron Founders, etc.), 155 Bluxome
Boole, W. A. & Son (Inc.) (Ship Builders), Works, Oakland, Cal.
*†Brode & Clark Iron Works (Founders & Machinists), 621 Howard
*Buffalo Machine Works (Machinery). 521 Mission
*Burton, Isaac L. (Engines, Pumps, etc.). 44 Main
*Cahill & Hall Elevator Co. (Elevators, Hoists, etc.), 135 Beale
*California Electrical Works (Dynamos & Motors, Elevators, etc.), 547 Mission
*California Machine Works (Engines, Machinery, etc.), 137 1st
*California Motor Co. (Motors, Bicycles, etc.), 2212 Folsom
*California Saw Works (Saws & Machinery), 208 Mission
*California Tool Works (Machinists & Dies & Models, etc.), 143 Beale
*California Wire Works (Coal & Ore Handling Machinery), 46 Fremont
†Central Iron Works (Iron Founders, etc.), 151 Beale
*Clot & Crist Machine Co. (Steam Pumps, etc.), 137 Beale
*Columbia Machine Works (Machinists), 203 Main
*Compressed Air Machinery Co., 24 1st
*Cyclops Iron Works (Brewery Machinery, Printing Presses, etc.), 223 Main
*Cyclops Machine Works (Engines, Ice & Refrigerating), 115 Beale
*Davis Tool & Stamping Co. (Machinists & Tools, Dies, etc.), 536 Mission
*§Day, Thos. Co. (Brass Fdrs. & Finishers)
*Dibert Mfg. Co., 225 Mission
*†Doble, Abner Co. (Machinery), 200 Fremont
*†Dow, Geo. E. Pumping Engine Co. Pumps & Hydraulic Machinery, etc.), 179 1st
*Dyer Bros. (Bldrs. Iron Work), 360 2d
†Enterprise Foundry (Iron Foundry), Main & Folsom
*Evans, C. H. & Co. (Engines, Pumps, etc.). 181 Fremont
*Fisher, Geo. E. (Tools, Dies & Special Machinery). 2035 Howard
*†Fulton Engineering & Ship Building Works (Engines, Ship Builders, etc.), 15 1st
*Galli Machine Works (Machinists), 512 Sacramento
*†Garratt, W. T. & Co. (Brass & Bell Founders & Machinists), 138 Fremont
*§Globe Brass & Bell Foundry (Bell Fdrs. & Mfrs.), 128 Main
†Golden Gate Foundry (Iron Fdrs.), 1715 Bay
*†Golden State & Miners Iron Works (Engines & Mining Machinery), 231 1st
*†Graham, Jas. Mfg. Co. (Stove & Range Mfrs. & Light & Grey Iron Castings), 14 2d
*Gray, J. A. Co. (Presses, Dies, Tools, etc.), 213 Mission
*§Greenberg's, M. Sons (Brass Foundry & Plating Works), 225 Beale
*Griffitts Machine Works (Eng. & Machinists), 87 Fremont
*Hall, Robt. (Machinist), 108 Main
*†Hammond, J. & Co. (Car Bldrs., Electric Elevators, Machine Work, etc.), 101 Townsend
†Hansen & Bain (Stoves, Ranges & Castings), 244 Townsend
*Harding Machine Works (Gas & Gasoline Engines, etc.), 226 Fremont
*Hedges, Geo. W. (Machinist), 323 Mission
*Hemenway, Melville D., 36 Geary
*†Hendy, Joshua Machine Works (Engines, Mining & Woodworking Machinery, Castings, etc.), 38 Fremont
*Henshaw, Bulkley & Co. (Elevating & Conveying), Fremont & Mission
*Hercules Gas Engine Works (Gas Engines), 217 Bay
*Herzog & Dahl (Electric Machinery, etc.), 105 Main
*Hicks, Jas. L. (Gasoline Engines, etc.), 667 Mission
*Holtz, T. F. (Machinists), 623 Mission
*Howlett, J. C. (Machinist), 256 Fremont
*†Ils, Jno. G. & Co. (French Ranges, etc.), 814 Kearney
*†Jackson, Byron Machine Works (Engines, Agr'l Imp.), 411 Market
*†Jardine Machine Works (Eng., Machinists & Founders), 220 Fremont
*Jenkins, Wm. M. (Machinist), 132 Beale
*†Judson Mfg. Co. (Machine & Bridge Work & Castings), Howard & Beale
*†Kingwell, Vincent Brass & Bell Fdry., 228 Fremont
*Krajewski, Fred'k (Machinists), 520 5th
*Krogh Mfg. Co. (Irrigating, Mining, Mill & Wine Making Machinery, etc.), 9 Stephenson
†Liberty Iron Works (Iron Founders), 229 Main
†Lutge, Richard (Iron Founders), 2307 Folsom
†McCormick Bros. Iron Works (Iron Founders), Main & Folsom
*McIntosh & Wolpmann (Machinists), 195 Fremont
*McNicoll, A. J. Elevator Co. (Elevators, etc.), 207 2d
†Macauley, H. C. & Co. (Iron Founders), 153 Bluxome
*Main Street Iron Works (Engines, etc.), 131 Main
*†Marshutz & Cantrell (Mining Machinery, Engines, etc.), Main & Howard
†Mechanics' Foundry (Iron Fdrs.), 213 1st
*Meese & Gottfried Co. (Engines, Ice Machines, Power Transmitting, etc.), 167 Fremont
*§Merle & Co. (Art Metal Works, etc.)
†Metropolitan Foundry, 204 Townsend
*†Mission Foundry & Stove Works
*Murch, Jno. H. (Machinist & Tool Maker), 502 Mission
*Murray Bros. (Engines, etc.), 231 Folsom
†Noble, Patrick (Bldrs.' Iron Work, etc.), 519 Mission
*North Machine Co. (Eng. & Machinists), 115 Beale
Ornamental & Structural Iron Works, 559 Howard
*Orton, C. K. Machine Co. (Eng. & Machinists), 315 Fremont
†Pacific Foundry Co. (Iron Fdrs.), 18th & Harrison
*Pacific Gear & Tool Works (Gear Cutting & Machinists), 523 Mission
*Pacific Tank Co. (Mining Machinery), 301 Market
*†Pelton Water Wheel Co. (Water Wheels for Power, etc.), 125 Main
†Ralston Iron Works (Builders' Iron Work & Castings), 222 Howard
*†Richmond Foundry & Mfg. Co. (Gray Iron Castings & Hdw. Specialties, etc.), 517 Market. Works, Richmond, Cal.
†Rincon Foundry Co. (Iron Fdrs.), 309 Folsom
*†Risdon Iron Works (Engines, Dredging & Mining, Sugar, etc.), Steuart & Folsom
*Rix Compressed Air & Drill Co. (Rock Drills, Air Compressors, etc.), 396 Mission
*Rossi, Arthur (Machinists), 804 Sansome
*§Roylance, J. Brass Works (Brass Fdrs. & Finishers)
*San Francisco Engineering Co. (Eng. & Machinists), 634 Howard
*San Francisco Iron Works (Engines, etc.), 223 Folsom
*San Francisco Tool Works, 27 Stevenson
*Schilling, Adam & Sons (Machinists), 211 Main
*Schoenstein, Ferdinand B. (Machinist), 511 Fulton

*†Schrock, W. A. (Iron Bedsteads, etc.),
*Smith, Leonard F. (Eng. & Machinist), 172 Highland av
*Speck Mfg. Co. (Machinists), 628 Bryant
*†Steiger & Kerr Stove & Fdy. Co. (Stoves & Castings, etc.)
*Swain Hadwen Mfg. Co. (Engines & Machinery), 215 Spear
*†Tay, Geo. H. Co.
*Taylor, P. T. & Co. (Machinists & Gear Cutting), 523 Mission
†Thompson Bros. (Iron Fdrs.), 127 Beale
*Thompson, Wm. F. (Machinists), 40 Main
*Toulouse & Delorieux (Machinists), 620 Commercial
*Tucker, E. W. & Co. (Eng. & Machinists), 130 Main
*Union Gas Engine Co. (Gas & Gasoline Engines), 244 1st
*†Union Iron Works (Ship Bldrs., Mining Machinery, etc.), 222 Market
*Union Machine Co. (Eng. & Machinists), 130 Main
*United Engineering Works (Ship Builders, Marine Engines, etc.), 254 Spear
*Van Drake, Alfred J. (Machinists), 308 Mission
*†Vulcan Iron Works (Engines, Ice & Refrigerating, Mining & Saw Mill Machinery), 505 Mission
*Wagner, Jos. Mfg. Co. (Floor Mill, etc.), 101 Mission
*Webber & Aicher Machine Works (Gas Engines, etc.), 27 Beale
†Western Foundry (Iron Foundry), 215 Harrison
*†Western Iron Works, 123 Beale
*Western Machine Works (Safes, Bank Vaults, etc.), 25 Jessie
*Yeatman, Jno. A. & Co. (Pumps, Dredges, etc.), 503 1-2 Broderick

SAN JOSE—*†Anderson-Barngrover Mfg. Co. (Fruit Grading & Packing Machines)
*†Caton's Foundry & Machine Co.
†Enterprise Mfg. Co. (Founders)
*Kuchenbeiser, F. & Son
†San Jose Foundry
*†§Wait & Walker (Brass Founders & Machinists)
*Wight, David (Machinist)
SAN LEANDRO—*†Best Mfg. Co. (Harvesters, Binders, Traction Engines, etc.)
SAN LUIS OBISPO—*Waite, H. H. (Machin-
SANTA ANA—*Cherry, W. S.
*†McClay & Turner
SANTA BARBARA—*†Gates, L. D.
SONORA—†Paterson, David & Son
STOCKTON—*†Globe Iron Works, Inc. (Engines & Dredging Machinery)
*†Holt Mfg. Co. (Harvesters, Binders, Traction Engines, etc.)
*†Houser & Haines Mfg. Co. (Harvesters, Grain Drills, etc.)
*†Stockton Iron Works
SUTTER CREEK—*†Knight & Co. (Water Wheels, 100 to 2500 h. p., Castings, etc.)

COLORADO

ASPEN—Mellor, Jos.
BOULDER—†Develine, J. W.
CENTRAL CITY—*†McFarland & Co. (Mining Machinery, etc.)
COLORADO SPRINGS—*†§Hassell Iron Works Co. (Rock & Ore Crushers, Horse Power Hoists & Iron & Brass Castings, etc.)
DELTA—†Mundry, Peter
DENVER—*Althoff, Wm. F. & Son (Refrigerating Machinery & Supplies), 1530 16th
*Card & Weber Machine Co. (Special Machinery & Centrifugal Sand Pumps), 1443 Blake
†Central Foundry, 1345 13th
*Clara, G. W., 1621 Blake
†Clark, J. S., 725 Champa
*†Colorado Fuel & Iron Co. (also Steel Mfrs.), Boston bldg
*†Colorado Iron Works Co. (Mining Machinery, etc.), 33d & Wynkoop
†Cox, Thos & Son
*†§Creswell, Jos. Mfg. Co. (Brass Fdrs. & Plumbers' Supplies), 1634 Blake
*†Davis, F. M. Iron Works Co. (Mining & Power Transmitting), 8th & Larimer
*†De Lange, F. E., 1314 Larimer
*§Denver Brass Works Co. (Brass Fdrs. & Finishers), 1307 Lawrence
*†Denver Engineering Works Co. (Mining Machinery, etc.), 30th & Blake
*†Denver Iron Works & Foundry Co., 1827 Wynkoop
†Denver Iron & Wire Works Co., 1401 Market
§Desserich, Jacob (Brass Foundry), 1440 Blake
*Dillon Iron Works Co., 1825 Blake
*Doig & Stivers, 1932 Curtis
†Enz & Orr (Iron Fdry.), 1741 Blake
*§Flint-Lomax Electric & Mfg. Co. (Brass Fdrs. & Electrical Machy., etc.), 1400 Delgany
*Gair & Binderup, 1434 Blake
*Gartman, C. E. (Machinist), 1414 15th
*†Griffin Wheel Co. (Car Wheels, etc.), (See Chicago)
*Havens, Herbert, 1618 Wazee
*Hendrie & Bolthoff Mfg. & Supply Co. (Mining & Mill), 1621 17th
*Jackson, Frank, 1220 Curtis
*Leyner, J. Geo. Engineering Works Co. (Rock Drills & Compressors), 501 17th
*†McFarlane & Co., 1734 15th
§McNamara, Jno. C. (Brass Fdry.), 1431 Blake
*†Midland Fdy. & Mach. Works Co. (Fdrs. & Machinists), 2156 15th
*†Mine & Smelter Supply Co. (Mining Machy. & Castings), 17th & Blake
*Mitchell, J. L. (Machinist), 1225 8th
*Modern Machine Works Co. (Machinists), 2031 Curtis
*Montgomery, J. H. Machinery Co. (Mining Machy., etc.), 1220 Curtis
*Nock & Garside (Machinists), 1850 Wazee
†Pittsburg Foundry Co. (Founders), 1358 Larimer
*†Queen City Foundry Co., 4th & Wazee
*Sachs-Lawlor Machine & Mfg. Co., 1543 Larimer
*Scott, W. E. (Machinist), 1520 18th
*Shaw, C. H. Pneumatic Tool Co. (Pneumatic Tools), Wazee cor 35th
†Slack, B. F. (Brass Fdry.), 1638 Blake
§Somerville, Geo. (Brass Fdry.), 1749 Blake
*†Stearns-Roger Mfg. Co. (Fdrs. & Machinists), 1718 California
†Tetrault, Alexis, 8 S 12th
*Truax Mfg. Co. (Steel Ore & Service Cars)
*Vulcan Iron Works Co., 1722 Wazee
†Western Foundry Co.

DURANGO—†Vulcan Foundry Co.
GUNNISON—*†Burnett, Walker (Stoves, etc.)
LEADVILLE—*†Engelbach Machine Mfg. Co.
*†McCarty & Moore
MONTE VISTA—†Elliott, D. J.
PUEBLO—*†American Automatic Switch Co. (Malleable & Steel Castings, etc.)
*†Colorado Fuel & Iron Co. (See Denver)
†Iron City Mfg. Co.
*Mead Hay Press Co. (Harrows, Cultivators, etc.)
*§Ortner, Geo. J. (Brass Fdry., etc.)
*†Pueblo Foundry & Mach. Co.
*†Stearns-Rogers Mfg. Co.
TRINIDAD—*†Trinidad Fdry. & Machine Works
VICTOR—*†McCool, Robt.

CONNECTICUT

ANSONIA—*§Ansonia Brass Fdry. Co.
*Ansonia Electrical Co. (Electrical Specialties)
*Cameron, H. P. Elec. Mfg. Co. (Electrical Specialties)
*Cook, Henry C. Mach. Co. (Special Machinery)
*†Farrell Foundry & Machine Co. (Paper & Pulp Mill, Rolling Mill, Rubber, Stone
*§Ansonia Mfg. Co. (Brass Goods) ties) Sawing, Veneer Cutting, Wire Insulating, Wire Straightening & Cutting, Machinery, etc.)
*§Excelsior Faucet Co.
†Phelps, H. D. (Brass Fdry.)
*§Phelps & Bartholomew Co. (Brass Fdrs. & Clock Movements)

AVON—*Climax Fuse Co.
BANTAM—*Bantam Mfg. Co. (Ball & Roller Bearing, Motors & Motor Vehicles, etc.)
BEACON FALLS—*§Bronson, Homer D. Co. (Brass Hinges & Electric Bronze Art Work)
BRANFORD—*†Malleable Iron Fittings Co. (Steam Fittings, etc.)
*†New York Lock Co. (Locks & Hardware)
BRIDGEPORT—*Acme Shear Co. (Shears, etc.)
*Acme Oil Engine Co. (Oil Engines)
*Adams, A. L. (Corset Machiny.)
*§American Graphophone Co.
*American Tube & Stamping Co. (Dies, Tools & Automatic Machy.)
*†American & British Mfg. Co. (Machinery & Ordinance). See also Providence, R. I.
*Armstrong Mfg. Co. (Pipe Cutting & Threading Machines, etc.)
*Automatic Machine Co. (Automatic & Special Machy.)
*Baker, Wm. H. (Machinist)
*Beaudin, Mcdrick H. (Machinist)
*§Belknap Mfg. Co. (Brass Fdrs. & Brass Goods for Steam, Gas & Water)
*Bradley, H. C. (Woodworking Machy.)
*§Bridgeport Brass Co.
§Bridgeport De-Oxidized Bronze & Metal Co.
*Bridgeport Forge Co. (Machine Jobbing)
*†Bridgeport Foundry & Machine Co.
*Bridgeport Gun Implement Co. (Gun Implements, etc.)
†Bridgeport Malleable Iron Co.
*Bridgeport Motor Co. (Gasoline Motors, etc.)
*Bridgeport Safety Emery Wheel Co. (Emery Wheel Machy.)
*Bryant Electric Co. (Electrical Specialties)
*Bullard Machine Tool Co. (Machine Tools, etc.)
*§Burns, Silver & Co. (Elec. Ry. Specialtics, etc.)
*Connecticut Tool Co. (Stocks & Dies)
*§Consolidated Safety Valve Co.. Office, 85 Liberty, New York
*Cornwall & Patterson Mfg. Co. (Piano Hdw., etc.)
*†Coulter & McKenzie Machine Co. (Rivet & Spring Machy., Presses, Punches, Shears, Drop Hammers, etc.)
*Curtis & Curtis Co. (Pipe Cutting & Threading Machines, etc.)
§Donovan, P. J. (Brass Fdry.)
*†§Eaton, Cole & Burnham Co. (Iron & Brass Founders, Valves & Steam Specialties, etc.). Main office, 253 B'way, New York
*Fowler, F. G. & Co. (Specialties)
*Fray, Jno. S. & Co. (Ratchet & Drill Braces & Tool Sets)
*Grant Mfg. & Machine Co. (Screw Slotting Machines & Tool Post Grinders, etc.)
§Hamilton, Jno. (Brass Fdry & Finisher, Plumbers' Brass Goods)
*Hatheway Mfg. Co. (Dies, Tools, etc.)
*Hubbell, Harvey (Machy., Tools & Dies)
*Knapp & Cowles Mfg. Co. (Screw Drivers, etc.)
*Model Machine Co. (Light Machy.)
§Monumental Bronze Co. (Bronze Monuments, etcc)
*Nilson, A. H. Machine Co. (Automatic Machinery, etc.)
*†Pacific Iron Works (Inc.) (Steam Engines & Castings)
†Parsons, R. E. Co. (Gray Iron Castings, etc.)
†Pequonnock Foundry Co. (Gray Iron Castings)
*Platt, O .S. (Electrical Specialties & Light Machine Work)
*§Rowell, W. G. & Co. (Brass Fdrs. & Finishers)
*Royal Equipment Co. (Gasoline Engines, etc.)
*§Sanford, David C. Co.
*Seaside Model Co. (Special Machy. & Tools)
*Smith & Egge Mfg. Co. (Hdw. Specialties, etc.)
*Special Machinery Co. (Automatic Machy., etc.)
*Springfield Mfg. Co. (Emery Wheel Machinery)
*†Standard Coupler Co. (Car Couplers & Steel Platforms)
*Swinnerton & Sniffen Mfg. Co. (Special Machy.)
*Walter, Edw. P. (Metal Plating & Shaping Machines, etc.)
*Weld Mfg. Co. (Air Compressors, Automatic Machy.)
*†Wheeler & Wilson Co. (Sewing Machines)
*Yates & Underhill (Machinists)

BRISTOL—*§Bristol Brass Co. (Brass & Bronze Fdrs.)
*Desmaris & Co. (Gasoline Motors)
*Horton, Everett (Clock Machinery & Dies)
*Horton Mfg. Co. (Steel Fish Rods, etc.)
*§Hough, E. A. (Brass Fdry.)
*Ingraham, E. Co. (Clock Mfrs.)
*Ladd, W. C. (Clocks, Bells & Light Hdw.)
*§Liberty Bell Co. (Bells, etc.)
*§New Departure Mfg. Co. (Bell Founders & Mfrs.)
*Root, C. J. (Registering Machines, Wrought Brass Hinges, etc.)
*Royal Equipment Co. (Marine Gasoline Engines)

†Sessions Foundry Co. (Gray Iron Castings)
*Sessions, J. H. & Son (Trunk & Cabinet Hdw.)
*Smith, Ira B. (Dies, Punches & Tools)
*Thompson, H. C. Clock Co. (Clock Movements)

COLLINSVILLE—*†Collins Co. (Axes, etc.)

COS COB—*Palmer Bros. (Gasoline Motors, etc.)

CROMWELL—*§Stevens, J. & E. Co. (Toys, Hardware, etc.)
*Warner, M. R. & Son (Riveting, etc.)

DANBURY—*Bacchus, Wm. F. (Machinist)
§Henebry, Thos. F. (Brass Foundry)
*Morlock & Husk (Machinists)
*New Machine Co. (Machinists)
*†Turner Machine Co. (Hat Machy.)

DERBY—§Birmingham Brass Co.
*†Birmingham Iron Foundry (Punching & Shearing, Rolling Mill, Rubber Tube, Rolling Wire Machinery, etc.)
*†Graham Mfg. Co. (Hdw. & Locksmiths' Supplies)
*O. K. Tool Holder Co. (Tool Holders, etc.)
*United States Rapid Fire Gun & Power co. (Ordnance & ammunition & Special Heavy Machinery)
*†Whitlock Printing Press Mfg. Co. (Printing Presses)
*Williams Typewriter Co. (Typewriters)

EAST HAMPTON—*†Bevin Bros. Mfg. Co. (Bell Fdrs. & Mfrs.)
*Brown, H. B. & Co. (Bolt & Nut Machy.)
*§East Hampton Bell Co. (Bell Fdrs. & Mfrs.)
*§Gong Bell Mfg. Co. (Bell Fdrs. & Mfrs.)
*§Hill, N. N. Brass Co. (Bell Fdrs. & Bell Mfrs.)
*§Starr Bros. Bell Co. (Bells, etc.)

GUILFORD—†Spencer's, I. S. Sons (Grey Iron Castings, etc.)

HARTFORD—*American Cycle Repair Co., 436 Capitol
*†Billings & Spencer Co. (Machine Tools, etc.), 142 Russ
§Blake, T. J. & Son (Brass, Phosphor & Manganese Bronze Castings, etc.), 141 Commerce
†Carleton Foundry Co. (Castings of all Kinds)
*Clark, Edw. W. & Son (Light Machy. & Presses, etc.), 31 Wells
*†Colts Patent Fire Arms Mfg. Co., 17 Vandyke
*Cook, Asa S. & Co. (Wood Screw Machy., etc.), 80 Huyshope
*Cushman Chuck Co. (Lathe & Drill Chucks, etc.), 189 Allyn
*Davis, I. B. & Son (Pumps, etc.), 40 Cushman
*Dwight Slate Machine Co. (Machine Tools, etc.), 516 Asylum
*Fenn-Sadler Machine Co. (Bench Lathes, Spindle Drills), 734 Main
*Gray & Prior Machine Co. (Universal Joints, etc.), 28 High
*Hart Mfg. Co. (Electric Switches, etc.), 103 Allyn
*Hart & Hegeman Mfg. Co. (Electric Switches, etc.), 32 Union
*†Hartford Blower Co. (Blowers, Fans, Furnace Feeders, etc.), Windsor & Suffield
*†Hartford Foundry Corporation (Gray Iron Castings, etc., "Duplex" Catch Basins). 618 Windsor
*Hartford Machine Screw Co. (Automatic Screw Machy., etc.), 476 Capitol
*†Hartford Woven Wire Mattress Co.
*Henry & Wright Mfg. Co. (Light Machy., Dies & Tools), 133 Sheldon
*§Howard, Jas. L. & Co. (Brass Founders & Finishers, Plating, Polishing, Lacquered, etc.), 438 Asylum
*Jacobs Mfg. Co. (Drill Chucks, etc.)
*†Johns-Pratt Co. (Asbestos Packing & Electrical Goods), 555 Capitol
*Johnson, M. Carlyle Machine Co. (Friction Clutches, etc.), 352 Asylum
†Laragy, P. (Gray Iron Castings), 114 Grove
*Lee, H. K. (General Machine Work), 223 State
*Merrow Machine Co. (Textile Machy.), 26 Laurel
*Mutual Machine Co., 25 Wells
*Organ Power Co. (Organ Motors, etc.), 28 High
§Phenix Brass Foundry Co. (Brass Founders), 223 State
*†Phoenix Iron Wks. Corporation (Bleaching, Dyeing, Drying & Finishing Machy.), 54 Arch
*Phoenix Mfg. Co. (Century Machines)
*Pickering, W. H. & Co. (Eng. & Machinists), 110 Commerce
*Pope Mfg. Co. (Bicycles, Motor Bicycles & Automobiles), 436 Capitol
*†Pratt & Cady Co. (Brass & Gray Iron Castings, etc.)
*†Pratt & Whitney Co. (Machine Tools & Small Tools, etc.), 556 Capitol
*Quint, A. D. (Machine Tools, etc.), 8 Clinton
†Riverside Machine Works, 40 Perry
*Sigourney Tool Co. (Machine Tools & Special Machy., etc.), 9 Sigourney
*Spencer Automatic Machine Screw Co. (Machine Tools, etc.), 111 Sheldon
†Standard Foundry Co.
*Sterling Blower & Pipe Mfg. Co. (Blowers, Fans, etc.), 60 Huyshope av
*Thomson, John Press Co., 70 Huyshope
*Tucker, W. W. & C. F. (Oil Hole Covers & Cups, etc.), 302 Asylum
*Vanderbeek Tool Works (Machine Tools, etc.), 490 Capitol
*†Veeder Mfg. Co. (Cyclometers, Counters & Castings), 20 Sargeant
*Whitney Mfg. Co. (Machine Tools, etc.), 80 Huyshope
Woodward & Rogers Co. (Printing & Hydraulic Presses, etc.)

HIGGANUM—*†Cutaway Harrow Co. (Harrows, etc.)
*Scoville, D. & H. (Planters, Hoes, etc.)

IVORYTON—*Behrens & Bushnell (Machinists)

LEBANON—*Spencer, W. L. L. (Machinist)

LIME ROCK—*†Barnum-Richardson Co. (Car Wheels, Castings, etc.)
*†Contracting Chill Co. (Castings, etc.)
*Tire Setting Machine Co.

MANCHESTER—*Lydall, H. & Foulds (Machine Needles, etc.)
*Norton Elec. Instrument Co. (Elec. Instruments, etc.)

MERIDEN—*†§Bradley & Hubbard Mfg. Co. (Gas Fixtures, Iron, Bronze & Brass Work)
*Foster Bros. (Ice Machinery)
*§Foster, Merriam & Co. (Cabinet Hardware, Brass Fdrs., etc.)
*Kelsey Press Co. (Printing Presses, etc.)
*Manning, Bowman & Co. (Bottlers' Machinery, etc.)
*Meriden Machine Tool Co. (Machine Tools, etc.)
*Merriman, A. H. (Punching Presses, etc.)
*§Miller, Edw. & Co. (Brass Fdrs., Hardware, Lamps, etc.)
*Parker Bros. (Guns, etc.)
*†Parker, Chas. Co. (Coffee & Spice Mills, Firearms, etc.)
†Parker Clock Co.
*Schenck Governor Co. (Water Wheel Governors, etc.)
*†§Schenck, M. B. Co. (Casters & Iron & Brass Fdrs.)
*Wheeler, Frank & Son (Power Presses)

MIDDLETOWN—*Baker Mfg. Corporation (Motors)
†Chapman, W. H. Co. (Saddlery Hdw.)
*†Douglas, W. & B. (Pumping)
*†§Wilcox, Crittenden & Co. (Marine Hdw. & Brass & Gray Iron Castings)

MOODUS—*Brockway & Meckinstrum

MOUNT CARMEL—*Mount Caramel Bolt Co. (Small Special Machinery)
*§Woodruff, Walter W. & Sons Co. (Brass Fdrs., etc.)

MYSTIC—†*Standard Machinery Co. (Book Binders' Machy.)

NAUGATUCK—†Naugatuck Malleable Iron Co.

NEW BRITAIN—*†§Corbin, P. & F. (Builders' Hdw., etc.)
*†§Humason & Beckley Mfg. Co. (Brass & Iron Fdrs. & Hardware)
*†Judd, Oliver S. (Builders' & Saddlery Hardware)
§Kinne, W. A. (Brass Fdry.)
§†*Landers, Frary & Clark (Brass & Iron Fdrs., Hardware, Cutlery, etc.)
†Malleable Iron Works (Malleable & Gray Iron Castings)
*§New Britain Hardware Mfg. Co. (Brass Fdrs. & Hardware Specialties)
*†New Britain Machine Co. (Engines & Wood Working Machy.)
*†North & Judd Mfg. Co. (Saddlery, Hardware Fdrs., etc.)
*†§Russell & Erwin Mfg. Co. (Builders' Hdw., etc.)
*Skinner Chuck Co. (Chucks, etc.)
*†§Stanley Works (Hardware Specialties & Iron & Brass Founders, etc.)
*†Union Mfg. Co. (Chucks, etc.)
†Vulcan Iron Works (Malleable & Gray Iron Castings, etc.)

NEW HAVEN—*Acme Cash Railway Co. (Cash Carriers)
*Barnes Tool Co. (Pipe Cutters, Hand Sawing Machines, Wrenches & Tools, etc.), 958 Grand av
†Barnum, S. H. (Iron Fdrs., Gray Iron Castings, etc.), 20 Whitney av
*Belden Machine Co. (Dies & Models, Tools & Hdw. Specialties, etc.), Tyron & Whalley av
*Bishop, Walter S. (Electro Plating Machinery, etc.), 1 Atwater blk
*Brooks, Chas. J. (Wire Covering Machy., Nut Tappers & Special Machy.)
*Brown, R. H. & Co. (Chucks, Machy. & Hdw. Specialties), 169 Ashmun
*Burgess, E. A., Est. of (Special Machy., Dies, Box Nailing & Trimming Machy., etc.), 67 Court
*Colburn, Albert L. (Drilling & Grinding Machy., Etc.), 20 Artizan
*Dann Bros. & Co. (Wood Bending Machines, etc.), 80 Franklin
*†Eastern Machinery Co. (Brick Machy., Friction Clutches, etc.), 144 Ashmun
*Elm City Engineering Co. (Electric Metal Separators & Special Elec. Machy.), 61 Orange
*†Fitch, W. & E. T. Co. (Sash Locks, Malleable Iron Castings & Carriage Hdw. etc.), 1-51 East
*†Fosket & Bishop Co. (Steam Traps & Steam Specialties, etc.), Grand & R. R. avs
*Foster, Chas. W. (Yacht Propellors, etc.), 31 Crown
*Gale, W. W. & Co., Inc. (Electric), 64 Center
*Geometric Drill Co. (Special Machy., Screw Cutting, Die Heads, Hollow Milling Tools, etc.), Blake & Valley
§Graham, Jas. & Co. (Brass Fdrs.), 293 Wooster
*Greist Mfg. Co. (Sewing Machine Attachments, etc.), Westville
*Griswold, Geo. M. (Paper Box Machy., Dies, Tools, etc.), 35 Union
*†Hendryz, Andrew B. Co. (Brass & Bronze Fdrs.), 80 Aubudon
*Henn, A. S. & Co. (Punches, Dies, etc.), 155 Union
*Herrick & Cowell (Paper Box, Hardware, Electrotype & Special Machy.), 39 Artizan
§Hill, Albert M.
*Hoggson & Pettis Mfg. Co. (Chucks, Dies, Tools & Special Machy., etc.), 64 Court
†Holaday, A. E. Mfg. Corporation
*Ideal Mfg. Co. (Gun Loading Presses, etc.) 187 St. John
*§Ives, Hobart B. Co. (Brass & Bronze Fdrs. & Bldrs.' Hdw. Specialties), 15 Artizan
*†McLagon Foundry Co. (Iron Fdrs. & Machinists, Machine Moldede Pulleys, Furnace & Machy. Castings, etc.), 96 Audubon
*MacKenzie, Geo. M. (Elevators, Engines, etc.), Water & East
§Magnus Metal Co. (Bearing Metal & Bearings)
*†§Mallory, Wheeler & Co. (Padlocks & Hardware), ft of Green
*Miner & Peck Mfg. Co. (Drop Presses & Drop Hammers, etc.), 419 Chapel
†National Steel Foundry Co. (Steel Castings)
*New Haven Clock Co. (Clock Movements, etc.), 133 Hamilton
*†New Haven Mfg. Co. (Machine Tools, etc.), 50 Whitney av
*Norman Printers' Supply Co., 393 State
*†North, O. & B. Co. (Saddlery & Carriage Hardware & Malleable Iron Fdrs.)
*Ochsner, A. & Son (Carriage Locks & Specialties), 1060 State
*Peck, J. L. & Co., 419 Chapel
*†§Peck Bros. & Co. (Brass Fdrs. & Plumbers' Brass Goods & Supplies)
*Pfleghar, F. P. & Son, 74 Crown
*Reynolds, Jas. Mfg. Co. (Sand Molding Machines), 99 Mill River
*†Rostond Mfg. Corp.
*Rowland, F. C. & A. E. (Steam Engines), 411 Chapel
*Reeves Mfg. Co. (Clock & Meter Movements & Machine Screw Work)
*†§Sargent & Co. (Bldrs.' Hdw.), Water & Wallace
*Schollhorn, Wm. Co. (Pliers, Nippers, Punches & Hdw. Specialties), Wooster & Wallace
*Scranton & Co. (Machy. & Hardware), 39 Church

*SHUSTER, F. B. CO. (Machine Tools, etc.), 133 Mill River. (See adv. index, end of book)
*Smith, Hobart E. (Machinist), 29 Artizan
*Smith & Twiss (Machinists), 116 Commerce
*Snow, L. T. (Yacht, Cannon, Nail Pullers & Hdw. Specialties), 698 Chapel
*†Stannard Iron Fdy. Co. (Gray Iron & Builders' Castings), 30 Artizan
*§Stiles, A. C. Metal Co. (Brass Fdy. & Mfg. Heavy Machy.), 200 Boulevard
*Thompson, Henry G. & Son Co. (Saw Machinery), 6 Elm
*Twiss, Nelson W. (Steam Engines, etc.), 28 Whitney av
*†Warner, G. F. Mfg. Co. (Gray Iron Castings, etc.), James & East
*Werle, Albert W. (Carriage Hardware, etc.), 44 Wooster
*West Haven Mfg. Co. (Hack Saws & Hdw. Specialties), West Haven
*Winchester Repeating Arms Co. (Fire Arms), Winchester av
*†Yale Safe & Iron Co. (Iron Fdrs. & Bldrs.' Iron Work), West Haven
NEW LONDON—*Babcock Printing Press Mfg. Co. (Printing Presses, etc.)
*†Brown Cotton Gin Co. (Cotton Gins & Printing Presses, etc.)
*†Hopson & Chapin Mfg. Co. (Heating Apparatus ,Grey Iron Castings, etc.)
*†Morgan Iron Works (Fdrs. & Machinists)
*United States Steam Turbine Co. (Steam Turbines, etc.)
*†Whiton, D. E., Machine Co. (Machine Tools, etc.)
NORWALK—(See South Norwalk)
NORWICH—*†American Woodworking Machine Co.
*Barber, M. A. (Cork Cutting)
*Crescent Fire Arms Co. (Fire Arms)
*Davenport, W. H. Fire Arms Co. (Fire Arms)
*Hopkins & Allen Arms Co. (Fire Arms)
*†Isham Co. (Ship Builders)
*†Kelley-Richmond Co. (Stoves, Furnaces & Heating Apparatus)
*Lester & Wasley (Envelope Mach'y)
§National Steam Economizer Co. (Smoke Consumers, etc.)
*§Norwich Nickel & Brass Co. (Brass Goods)
*†Page, W. H. Boiler Co.
*Thames Arms Co.
§Tracy, C. Oscar (Brass Fdr.)
†Vaughn Foundry Co. (Gray Iron Castings)
OAKVILLE—*†Baird Machine Co. (Bottlers' Machy.)
*†Oakville Co. (Wire & Metal Goods)
PEQUABUCK—†Terry, Andrew Co. (Iron Fdrs.)
PLAINVILLE—§Elm City Brass & Rivet Co.
*Norton & Jones Machine Tool Works (Machine Tools, etc.)
*Trumbull Electric Mfg. Co. (Electric Specialties)
PORTLAND—*Anderson Coupling Co.
*†§Pickering Governor Co. (Governors)
PUTNAM—*†Putnam Foundry & Mach. Co. (Machine Tools)
ROCKVILLE—†Murlless. H. B.
ROCKY HILL—*†Champion Mfg. Co. (Gray Iron Castings, etc.)
SAUGATUCK—*Smith, E. C.
SEYMOUR—*§Matthews, H. H. Mfg. Co. (Bicycle Parts & Stove Trimmings)
SOUTHINGTON—*†§Peck, Stow & Wilcox Co. (Mach'y & Hardware, etc.)
SOUTH NORWALK—†Arnold & Co. (Iron Fdrs.)
§Artistic Bronze Co. (Bronze Specialties)
*Automatic Tool Co. (Machinists)
*†Colonial Fdry. & Machinery Co. (See New York)
*Hotchkiss, E. H. Co. (Special Machy.)
*Le Count, Wm. G. (Lathe Dogs, etc.)
*†Lockwood Mfg. Co. (Hardware, etc.)
*†Meeker's Union Fdry. Corp.
*Miller, Julius W. (Machinist)
§Norwalk Brass Co. (Brass Fdrs.)
*†NORWALK IRON WORKS CO. (Air Compressors, etc.)
*†Norwalk Lock Co. (Hardware, etc.)
†United States Fdry. & Sales Co. (Grey Iron Castings for all Purposes)
†Wheeler Bros. (Iron Fdry.)
SOUTHPORT—*Jeliff, C. O. & Co. (Harrows, etc.)
SOUTH WINDHAM—*Jones, F. A. Co. (Paper Cutting Machy.)
STAFFORDVILLE—†Amidon, S. B.
STAMFORD—§Brown, Christian (Brass Fdry.)
†Davenport & Tracey Co.
*†International Power & Vehicle Co.
*§Stamford Foundry Co. (Stoves, etc.)
*Stamford Motor Co. (Gasoline Engines)
*†Standard Gas Stove Co.
*†§Yale & Towne Mfg. Co. (Builders' Hdw.)
STONINGTON—*†Atwood, Morrison Co. (Silk & Spool Cotton Machy.)
†Miller, A. B. Sons
TERRYVILLE—*†§Eagle Lock Co. (Locks, etc.)
†Terry, Andrew Co. (Malleable Iron Fdrs.) (See Pequabuck, Conn.)
THAMESVILLE—(See Norwich)
THOMPSONVILLE—*†Bushnell, G. H. Press Co. (Cotton Seed Oil Presses, etc.)
TOLLAND—*Clough, R. M. (Machine Tools)
TORRINGTON—*Excelsior Needle Co. (Wire Rod & Tube Pointing Machy., etc.)
*†Hendey Machine Co. (Machine Tools, etc.)
*Perkins, E. A. Electric Co.
*†Turner & Seymour Mfg. Co.
UNIONVILLE—*Upson Nut Co.
WALLINGFORD—*†Judd, H. L. Co. (Small Hardware)
WATERBURY—§American Brass Co.
*§American Pin Co.
*§American Ring Co. (Rings, etc.)
§Benedict & Burnham Mfg. Co. (Brass Mfrs.)
*Blake & Johnson (Power & Foot Presses, Rivet, Bicycle, Milling & Wire Forming Machinery, etc.)
*§Bristol Co. (Recording Instruments, etc.)
§Chase Rolling Mill Co. (Brass Mfrs.)
*Cross & Spiers Machine Co. (Brass Working Mach'y & Power, Foot & Drop Presses, etc.)
*Draher, Jno. (Power Presses, Rivet, Block, Screw & Button Mach'y Dies, etc.)
†Fry, B. H. & Co. (Iron Founders)
*Henderson Bros. (Machinists & Tumbling Barrels)
§Holmes, Booth & Hayden Co. (Brass Mfrs)
†§Manufacturers Foundry Co. (Gray Iron & Brass Castings, etc.)
*Manville Bros. Co. (Power Presses, Watch Machy. & Special Automatic Machy.)
*Manville, E. J. Machine Co. (Power Presses, Wire Working, Rivet or Heading Machinery)
§Matthews & Willard Mfg. Co. (See Scovill Mfg. Co.)
§Novelty Mfg. Co. (Brass Goods)
§Platt Bros. & Co. (Buttons ,etc.)
§Randolph & Clowes Co. (Brass Mfrs.)
*†§Scovill Mfg. Co. (Gray Iron & Serni Steel Castings, etc.)
*§Steele & Johnson Mfg. Co.
§Waterbury Brass Co.
§Waterbury Clock Co. (Clock Mfrs.)
*Waterbury Electric Co. (Punches, Dies, & Tools, etc.)
*†Waterbury Farrell Foundry & Machine Co. (Drop, Power, Hydraulic & Foot Presses, Brass & Copper Rolling Mill Mach'y, etc.)
§Waterbury Mfg. Co. (Brass Goods)
*Waterbury Machine Co. (Wire Drawing Mach'y, Presses, Dies & Special Mach'y)
*Waterbury Wire Co. (Dies, etc.)
WEST MYSTIC—*Hasbrouck Motor Works (Gasoline Marine Motors, etc.)
WILLIMANTIC—*†Vanderman Plumbing & Heating Co. (Castings & Plumbing Specialties)
*†Willimantic Machine Co. (Silk & Thread Mach'y, etc.)
WINDSOR LOCKS—*†Horton, E. & Son Co. Lathe Chucks, etc.)
*Windsor Locks Machine Co. (Paper & Pulp Mill Mach'y)
WINSTED—*Brown Machine Co. (Cutlery & Light Machy.)
*Carter & Hakes Machine Co. (Machine Tools)

DELAWARE

DOVER—*Forbes & Forbes (Machinists)
*†§Jones, E. L. &Co. (Machy.)
MILFORD—*†Matthew, Isabella
NEW CASTLE—†Brylgon Steel Casting Co. (Castings)
SEAFORD—†Stewart, W. J.
WILMINGTON—*†American Car & Foundry Co. (See St. Louis, Mo.)
*American Machine Co. (Hot Air Pumping Engines, etc.)
*Baker, G. W. & Co. (Leather Working Machinery)
*†Betts Machine Co. (Machine Tools, etc.)
*Brandywine Machine Works
§Carter, J. D. & Co. (Brass Fdrs.)
†Crescent Foundry Co. (Cast Iron Pipe)
*Delaware Machine Works (Gasoline Marine Motors)
*†Delaware Marine Supply Mfg. Co.
*Diamond State Car Spring Co.
*†Diamond State Steel Co.
*Edge Moor Iron Co.
Green Elevator Co.
*†Harlan & Hollingsworth Co. (Steel Ships, Marine Engines, Car Builders & Rough Finished Castings, etc.)
*Henderer's, A. L. Sons Co.
*†Hillis & Jones Co. (Machine Tools, etc.)
*†Johnson Forge Co. (Axles, etc.)
*†Lobdell Car Wheel Co. (Paper & Pulp Mill, Car Wheels, etc.)
*†Poole, J. Morton Co. (Paper Mill Mach'y & Castings, etc.)
*†§Pusey & Jones Co. (Iron & Brass Fdrs., Engines, Paper Mill Machy., Steel Steamboats, etc.)
*†§Remington Machine Co. (Iron & Brass Fdrs., Engines & Ice & Refrigerating, etc)
*Shaw, Benj. F. Co. (Steam Fitters, etc.)
*†Seidel & Hastings Co.
*Slocomb, F. F. & Co. (Leather Working Mach'y & Pneumatic Tools, etc.)
*§Speakman Supply & Pipe Co. (Brass Fdrs. & Machinists)
*Stowe, F. D. Co. (Morocco & Special Mach'y)
*Trump Bros. Machine Co. (Textile Mach'y, etc.)
*Walker & Elliott (Phosphate Mill)
*Wilmington Machine Co.
*†Wilmington Malleable Iron Co.

DISTRICT OF COLUMBIA

WASHINGTON—§Beckman, Cicero (Fdry.), 2918 K, N W
*Carl, Frederick (Insts. & Modelmaker), 631 G, N W
*Catlin, E. H. & Co., 407 13½, N W
*†Cragg, H. C. & Co., 407 13 1-2, N W
*Doremus Machine Co. (Machinists), 300 13 1-2, N W
*Forsberg & Murray (Machinists), 526 13th, N W
*Gichner, Fred S. (Iron Fdry), 310 12th, N W
*†Gray, E. N. & Co. (Iron Fdrs. & Machinists), 316 Maine av, N W
*Hurley, Jno. E. (Machinist), 1219 Ohio av, N W
†Jorss, A. Fred (Iron Fdry.), 315 13th, N W
*Kaufman, Jos. (Machinist), 432 11th, S E
*Kleinhenn, A & Son 323 McDermott av, N W
*Larman, Wm. H. (Machinist), 69 U, N W
*Nichols, Frank L. (Model Maker & Machinist), 815 G, N W
†Pruett, Jno. (Iron Fdry.), 442 7th, S W
*†Schneider's, C. A. Sons (Fdrs. & Machinists), 212 12th, N W
*§Somerville, Thos. & Sons, 316 13th, N W
*†Springman, J. T., Jr., & Bro. (Iron Fdrs.), 7th & 1st, S W
*Stansbury, Forrest E. (Machinist), 1206 9th, N W
*Sutherland & Carr (Electricians), 1202 D, N W
*Thomas, Richard (Machinist), 104 11th, S E
†White, Chas. & Co. (Iron Fdrs.), 418 O, N W
†White, Fred J. (Iron Fdry.), 470 Maine av, S E

FLORIDA.

LAKE CITY—*†Johnson, Lott W. & Bro.
LIVE OAK—*†Robbins & McGehee
JACKSONVILLE—*†Florida Machine Works
*†Murphy, Timothy
OCALA—*†Ocala Foundry & Machine Works (Saw Mills & Fertilizing Machinery)
ORLANDO—*†South Florida Fdry. & Mach. Works
PALATKA—*†Hanley, R. H.
PENSACOLA—*†Sweeney, C. M.
TAMPA—*Chase & Walsh
*Excelsior Machine Works
*†Tampa Foundry & Mach. Co.

GEORGIA

ALBANY—*†Bacon & Collins Supply Co.
*†Pattison's, Thos. Sons
ATHENS—*†Athens Foundry & Mach. Works
*Umbach, F. G. (Harrows, etc.)

ATLANTA—*Ashley, H. F., 27 S Forsyth
*†Atlanta Agricultural Works
*†Atlanta Car Wheel & Mfg. Co. (Car Wheels, etc.), Bishop & Belt Line Ry.
*Atlanta Machine Works (Ice & Refrigerating, etc.), King & Ga. R. R.
*†Atlanta Plow Co. (Plows, etc.), 1200 Marietta
*†Atlanta Stove Works (Stoves), Irwin & Krog
*Atlanta Supply Co. (Principally Mach'y Dealers), 31 S Forsyth
*Avery & McMillan (Principally Machinery Dealers), 51 S Forsyth
*Buchanan, J. T., 128 Marietta
*Campbell Electric Co., 18 E Mitchell
*†Clark, J. C. (Pulverizing), Eng.-Am. bldg
*†Continental Gin Co. (See Birmingham, Ala.)
*Cramer, H. M., 557 Marietta
*†De Loach Mill Mfg. Co. (Flour & Saw Mill, etc.), Highland av & Sou. R. R.
*†Fulton Fdry. & Machine Works, 490 Marietta
†Gate City Foundry Co.
§Georgia Brass & Bronze Fdry.
*†Georgia Car Co.
*Houchin Mfg. Co., 115 Garnett
*Malsby & Co. (Principally Machy. Dealers), 41 S Forsyth
*†Richards Machine Co., 64 S Forsyth
*Schroeter, J. H. & Bro., 44 W Mitchell
*Seitzinger, T. F., 459 Marietta
*Shearer Machine Works, 180 Venable
*Southern Saw Works, 98 S Forsyth
*†Van Winkle, E. Gin & Machine Works (Cotton Seed Oil, Ice & Refrigerating, Sugar, etc.), 84 Marietta
†Walker, H. H., 178 S McDaniel
*†§Withers Foundry & Machine Works (Iron & Brass Fdrs.), 1225 Empire
AUGUSTA—*†Georgia Iron Works (Saw Mill Machy., etc.)
*†Lombard Iron Works & Supply Co. (Engines & Saw Mill Machy., etc.)
BRAINBRIDGE—*†Sutherland, D. T.
BRUNSWICK—*†Bay Iron Works
CEDARTOWN—*†Alabama & Georgia Iron Co.
COLUMBUS—*†Columbus Iron Works Co. (Ice & Refrigerating Machy., etc.)
*†Golden Foundry & Machine Co. (Power Transmitting, etc.)
*†Lummus, F. H. Sons & Co. (Cotton Gins, etc.)
*†Pekor Iron Works (Inc.)
*Sauls Bros. (Machinists)
*†Southern Plow Co. (Cultivators, Plows, etc.)
COMMERCE—*†Gibbs, W. A. (Fdrs. & Machinists)
CORDELE—*†Tomlin-Harris Machine Co.
DALTON—*†Dalton Fdry. & Machine Works
DOUGLAS—*†Douglass Fdry. & Machine Works
EAST POINT—*†Atlanta Utility Works (Hay Presses, etc.)
FITZGERALD—*Burkhart, J. & H. A.
*†Fitzgerald Iron Works
FORT VALLEY—*Anthoine, J. W. (Machinist)
†Martin, A. S.
GAINESVILLE — *†Gainesvile Iron Works (Fdrs. & Machinists)
GRIFFIN—†Gresham Planing Mill Co.
JESSUP—*†Jessup Mfg. Co.
MACON—*†Findlay Iron Works Co.
*†Mallary & Taylor Iron Works
*†Schofield's, J. S. Sons Co. (Sugar Machinery, etc.)
MANASSAS—*Grimes Co. (Machinists.
MARIETTE—*†Glover Machine Works
MEIGS—*Dyson, T. F. (Machinist)
MORELAND—*Camp, E. N. & Son
MOULTRIE—*†Moultrie Iron Works
NEWMAN—*†Cole, R. D. Mfg. Co. (Engines, etc.)
ROME—*†Bowie Stove Co. (Stoves)
*†Davis Fdry. & Machine Works
*†Geogia Fdry & Machine Works (Shingles & Saw Mill, etc.)
*†Hanks Foundry Co.
*†Southern Co-operative Fdry. Co. (Stoves)
*†Standard Scale Co.
*†Towers & Sullivan Mfg. Co. (Cultivators, Harrows, Plows ,etc.)
SAVANNAH—*Davis & Forrest
*†§Kehoe, Wm. & Sons (Iron & Brass Fdrs. & Saw & Phosphate Mill Machy., etc.)
§O'Mara, M. & Co. (Brass Fdry.)
*§McMillan Bros.
*Mingledorff & Co.
*Rourke, Jno. & Sons (Sugar, etc.)
*†Savannah Locomotive Works & Supply Co. (Locomotives Rebuilt, etc.)
STATESBORO—*Davis, W. D.
TALLAPOOSA—*†Greene, M. A.
*†Southern Car Wheel & Iron Co.
THOMASVILLE—*†Thomasville Iron Works
VALDOSTA—*†Valdosta Fdry. & Mach. Co.
WAYCROSS—*†Gillon, J. H. Machine Co.
†South Atlantic Car Mfg. Co. (Car Bldrs.)
WEST POINT—*†West Point Iron Works

IDAHO

BOISE—*†Baxter, Jas. & Co.
MOSCOW—†Rhodes Iron Works
NAMPA—*†Nampa Fdry. & Machine Works
POCATELLO—*†Union Pacific R. R. Shops
WALLACE—†Coeur d'Alene Hadware Co.

ILLINOIS

ALLENVILLE—*†Ideal Car Loader Co.
ALTON—*Beall Bros. (Inc.) (Miners' Tools & Specialties)
*†Duncan Fdry. & Machine Co.
*†Hapgood Plow Co. (Agl. Implts., Plows, Drills, Planters, etc.)
*Hayden, Geo. D. Machine Co.
*Sparks, C. F. Machine Co.
AMBOY—*Jacobs Bridge & Iron Works (Inc.)
ARCOLA—*Curtis, F. W.
AURORA—*†**AMERICAN WELL WKS.** (Well Machinery & Air Compressors), (See adv. index, end of book)
†Aurora Foundry Co.
*†§Aurora Metal Co. (Brass & Bronze Castings & Metallic Piston Packing)
§C. B. & Q. R. R. Co. (Brass Shops)
†Cassidy's Sons
†Love Bros.
*Phillips, T. L. (Feed Mills, Hot Water Heaters, etc.)
*†Rathbone, Sard & Co. (Stoves, etc.)
*Richards Mfg. Co. (Door Hangers)
*†Standard Brake Shoe Co.
*†Stephens-Adamson Mfg. Co. (Power Transmitting Machy.)
*Udstad, S. (Machinist)
*Western Wheeled Scraper Co. (Street Sweeping Machines & Road Scrapers, etc.)
BATAVIA—*†Appleton Mfg. Co. (Agl. Implts.)
*Batavia Windmill Co.
*†Challenge Windmill & Feed Mill Co. (Feed Mills & Cutters, Corn Shellers, Windmills, etc.)
*Newton Wagon Co. (Heavy Farm Wagons, etc.)
†Shumway, C. W. & Son (Foundry)
*Snow Mfg. Co. (Pumps, Windmills, etc.)
†Sperry, D. R. & Co.
*†U. S. Wind Engine & Pump Co. (Wind-Mills, Pumps, Feed Mills & Corn Shellers, etc.)
BELLEVILLE—†Belleville Foundry Co. (Iron Fdry.)
*†Belleville Pump & Skein Works (Coal & Mining Mach'y, etc.)
*†Belleville Stove Works (Stoves)
*Born, J. C. & Bro. (Machinist)
†Crown Foundry Co. (Iron Fdrs.)
*†Eagle Foundry Co. (Stoves)
*§Ehret, Jacob & Co. (Machinist & Brass Founders)
*†Enterprise Foundry Co. (Iron Fdrs.)
*†Excelsior Foundry Co.
*†Gundlach-Rompel Fdry. Co.
*†Harrison Machine Works (Threshers & Engines)
*Herzler-Henninger Machine Works (Machinists)
*†Queen City Stove & Range Co.
†Richland Foundry Co. (Iron Fdrs.)
†St. Clair Foundry (Iron Fdrs.)
*Schwartz, Jos. & Son (Machinists)
*†Snyder & Baker Stove Co. (Stoves)
*Sucker State Drill Co. (Grain Drills, Harrows, etc.)
*Wilson Steel Range Co. (Stoves)
BELVEDERE—*†Columbia Heating Co.
*†National Sewing Machine Co.
BLOOMINGTON—†§Allen & Harwood
*†American Foundry & Furnace Co. (Hot Air Furnaces & Castings, etc.)
*†Bloomington Stove Co. (Stoves)
*†Chicago & Alton R. R. (Iron Fdry.)
*†Co-Operative Stove Co. Stoves)
†Ma Girl, P. H.
BRADLEY—*†Bradley, David Mfg. Co. (Plows, Cultivators, Planters, etc.)
*†Burrell Mfg. Co.
*†Turk, Jos. Mfg. Co. (Iron Beds, etc.)
CAIRO—*†McCarthy & Malinski
*†Reed, J. B. (Machine Tools & Castings, etc.)
*†Rennie, Jno. T.
CANTON—*†Parlin & Orendorff Co. (Plows, Cultivators, Planters, Listers, etc.)
*†Savill, J. M. & Son (Stoves, etc.)
CARBONDALE—†Brainerd, F. E. & S. L.
CARBON HILL—*†Wilmington Foundry & Machine Co. (Iron Fdrs. & Machinists). (See Chicago)
CARPENTERSVILLE—*†Illinois Iron & Bolt Co. (Copying Presses, Post Drills, etc.)
*†Star Mfg. Co. (Steel Castings & Plows)
CENTRALIA—*Benson, Jas. (Harrows, etc.)
CHAMPAIGN—*†Burr, E. M. & Co.
CHESTER—*†Baronowsky's, J. Sons
CHICAGO—*§Acme Metal Bearing Co. (Brass Fdrs.), 47 S Canal
*†Acorn Brass Mfg. Co. (Soda Fountain Fixtures & Brass Fdrs. & Finishers), 51 N Peoria
*Adams Bros. (Machinists), 911 N Kedzie av
*§Adams & Westlake Co. (Railroad Specialties & Brass Founders, etc.), Ontario & Franklin
*Adapt Machinery Co. (Special Machinery), 1630 Wabash av
*Advance Machine Co. (Slot Machines), 194 S Clinton
*†Aermotor Co. (Windmills), Fillmore & Rockwell
*Alexander & Crouch (Machinists), 68 W Monroe
*§Allen, W. D. Mfg. Co. (Brass Founders' Brass Specialties), 151 Lake
*†§Allis-Chalmers Co. (Iron & Brass Fdrs., Mining Machinery, Corliss Engines, Rock Crushers, etc.), New York Life bldg
AMERICAN BRAKE SHOE & Foundry Co. (Brake Shoes & Castings), (See Mahwah, N. J.)
†§American Bronze Foundry Co. (Bronze Founders & Tablets, etc.), 73d & Woodlawn av
*†American Can Co., 2812 Logan
*†American Radiator Co. (Radiators, etc.), 284 Michigan av
*†American Car & Foundry Co., Blue Island av & Paulina. (See St. Louis, Mo.
§American Iron & Wire Works, 575 Carroll av
†American Steel Casting Co. (Steel Castings), 277 Dearborn
§Anderson Bros. (Brass Founders), 107 W Monroe
*Anderson Bros. (Machinists), 399 Dearborn
*Anderson, Carl Co. (Gas & Gasoline Engines), 25 N Clinton
*Andrews & Johnson Co. (Blowers, etc.), 256 Washington boul
*Armstrong Bros. Tool Co. (Machine Tools), 617 Austin av
*Arnold, Schwinn & Co. (Bicycles, etc.), 945 N 43d
*†Art Bedstead Co., 37th & Rockwell
*Austin Mfg. Co. (Road Grading & Well Drilling Mach'y), 315 Dearborn, Works, Harvey, Ill.
*Automatic Machine & Tool Co. (Coin Operating Machines), 45 S Canal
*Automatic Racking Machine Co., 28th & Groveland av
*Ayes & Co. (Machinists & Bicycle Parts), 59 Ellen
*Barber, A. H. Mfg. Co. (Ice & Refrigerating Mach'y & Dairy Supplies), 229 S Water
†Barnum & Richardson Mfg. Co. (Car Wheels, Railroad & Elevator Castings, etc.), 64 S Jefferson
†Barr Foundry Co. (Iron Founders), 774 Carroll av
†Barton & Maas Foundry Co. (Iron Founders), 19th & Rockwell
*§Bastian, Chas. L. Mfg. Co. (Brass Founders & Finishers), 76 Illinois
*Berry Iron Works Co., 90 Ohio
*Bergbom & Roberg (Machinists & Tool Makers), 26 Michigan
*Blomfeldt & Rapp (Special Mach'y, etc.), 39 W Randolph
*Blum Bros. Co. (Machinists), 1197 N California av
*Boland, W. J. (Machinist), 209 S. Clinton
*Boller & Bartels (Machinists), 30 W Randolph
†Bolter's, A. Sons (Inc.) (Iron Founders, etc.), 84 La Salle
*Bottlers' Specialty Mfg. Co. (Labelling Machines), 24 Michigan
†Brady, Jas. A. Foundry Co. (Iron Foundry, Grey Iron Castings), 2842 Archer av
*Brady, Jno. F. Turbine Co. (Turbine Engines), 45 Fulton
*Breitenstein, Julius G. (Button Machines), 403 Division
†Brighton Foundry Co. (Iron Fdry.), S Western av, boul & 33d

*†Brown Bros. Mfg. Co. (Builders' Iron Works & Castings & Sidewalk Lights), W 22d & Campbell av
†Brucker, Michael (Fdry. & Stove Repairs), 325 N Lincoln
*†**BUDA FOUNDRY & MFG. CO.** R. R. Specialties), 9 Jackson boul. Works, Harvey, Ill. (See adv. index, end of book)
*Buissono Bros. (Machinists), 3146 Wentworth av
*†§Burdett-Rowntree Mfg. Co. (Brass Bronze &Aluminum Castings & Elevator Fixtures), 85 W. Jackson boul
*Burton's, A. G. Son (Safes, Locks, etc.), 46 S Clinton
†Butler St. Foundry & Iron Co. (Iron Fdry.), 3422 Butler
*†Caldwell, H. W. & Son Co. (Elevating & Conveying, Grain Elevator & Power Transmitting Machinery), Western av & 17th
*Camp, Robt. D. (Special Machinery & Mechanical Expert), 90 Ohio
†Carroll Iron Works (C. L. Rowles, Prop.), (Cast Iron Pipe, etc.), 719 Carroll av
*Cavanaugh & Darley (Gas Engines), 30 W Randolph
†Central Foundry Co. (Cast Iron Pipe, etc.), Carroll av & N May
*†Challenge Machinery Co. (Printers' & Binders' Machinery), 2529 Leo av
†Charleston Foundry Co. (Iron Fdrs.), 241 26th
§Chicago Art Metal Works (Brass Ornaments, etc.), 67 Lake
*Chicago Bridge & Iron Co., Troop & W 105th
*†Chicago Car & Locomotive Works
†Chicago Car Wheel & Foundry Co.
*†Chicago City Railway Co., 77th & Wentworth av
†Chicago Die & Electric Co. (Electric Goods), 87 W Lake
*†Chicago Drop Forge & Foundry Co. (Forgings, Castings, etc.), 115th pl nr M. C. R. R. (P.)
*Chicago Experimental Works (Machinists), 295 5th av
*§Chicago Faucet Co. (Brass Fdrs. & Finishers), 200 S Clinton
*Chicago Flexible Shaft Co. (Flexible Shafts, etc.), La Salle av & Ontario
*†§Chicago Hardware Foundry Co. (Iron & Brass Fdrs.), 45 W Washington
*Chicago Machine Tool Co. (Machine Tools), 12 S Canal
†Chicago Malleable Castings Co., W 120th & Centre av
§Chicago Nut Co., 207 S Canal
*†Chicago Ornamental Iron Co. (Builders' Iron Work & Castings, etc.), 37th & Stewart
*Chicago Pneumatic Tool Co. (Pneumatic Tools, etc.), Fisher Bldg.
*†Chicago Pulley & Shafting Co. (Power Transmitting Appliances), 51 S Canal
*†Chicago Railway Equipment Co., W 40th nr Wentworth av & Great Northern Bldg.
*Chicago Scale Co. (Scales, etc.), 292 W Jackson boul
*†Chicago Ship Building Co. (Marine Engineers, Ship Builders, etc.), 101st & Calumet river
*†§Chicago Spring Butt Co. (Hardware Specialties & Brass Fdrs.), 491 Carroll av
*†Chicago Stove Works (Stoves, etc), Blue Island av & W 22d
*†Chicago Stove & Range Co. (Stoves & Ranges), 237 E 26th
*Chicago Stump Machine Co. (Stump Pullers, etc.), 100 Indiana
*Chicago Water Motor & Fan Co. (Water Motors, etc.), 22 S Canal
*Chicago Writing Machine Co. (Typewriters), 94 Wendell
*†Chisholm, Boyd & White Co. (Brick Machinery, etc.), W 57th & Wallace
*Christopher Bros. (Machinists), 1049 Sheffield av
†Cleveland & Barr Foundry Co. (Iron Fdrs.), 36 Erie
§Clow, Geo. E. & Co. (Metal Specialties(, 72 W Wash'n
*†§Clow, Jas. B. & Sons (Inc.) (Cast Iron Pipe & Plumbers' Supplies), 342 Franklin
*Clyde Machine Works (Crank Pin Machinery, etc.), 3913 Union av
*Colborne Mfg. Co. (Gas Engines, etc.), 31 Indiana
*Consolidated Press & Tool Co. (Machinists & Special Mach'y), 96 N Clinton
*Cook & Chick Co. (Machinists, etc.), 255 Kenzie
*Cooper Sheep Shearing Machine Co. (Sheep Shearing Machines), 142 Illinois
*Covel Mfg. Co. (Saw Sharpening & File Room Mach'y), 8 S Canal
*Cowper Mfg. Co. (Cain Operating Machines), 166 S Clinton
*†§**CRANE CO. (Steam Specialties** & Cast Iron & Brass Goods), 10 N. Jefferson. (See adv. index, end of book)
*Crary, Hamilton (Crary Machine Works), 31 Indiana
*†Creamery Package Mfg. Co. (Ice & Refrigerating Machines & Creamery Supplies), 182 E Kinzie
*†Cribben & Sexton Co. (Stoves & Plumbers' Enameled Ware, etc.), 50 Erie
*Cross Press & Sign Co. (Wood Printing Machines), 57 Dayton
*Cummins, B. F. Co. (Check Perforators, etc.), 42 W Jackson boul
*Daly & Anderson (Millwrights & Machinists), 74 W Monroe
*Dart Mfg. Co. (Machinists), 526 Sheffield av
*†**DAUCHY IRON WORKS (Builders'** Iron Work, Castings & Vault Lights), 84 Illinois. (See adv. index, end of book)
*†Davis, G. M. Regulator Co. (Steam Specialties, etc.), 144 Milwaukee av
*†Davis, Jno. Co. (Steam Specialties, Cast Iron Fittings, etc.), Halsted, 22d & Union
†Davis & Ludwig Foundry Co. (Iron Fdry.), 256 Root
*†Davis & Horwich (Iron Beds), 420 Maxwell
†Davison, Orin H. (Light & Heavy Gray Iron Castings, etc., Manhole & Conduit Covers, Catch Basins, etc.)
Dawson Bros. (Grates & Metal Trimmings), Halsted & Milwaukee av
*†Dearborn Foundry Co. (Builders' Iron Work & Castings), 1525 Dearborn
*†Deering Works, Branch International Harvester Co. (Agl. Implts.), 7 Monroe
*Delano, E. A. Co. (Machinists), 50 S Clinton
*Delivouk & George (Dies, Tools, Special Machinery, etc.), 133 S Clinton
De Ward, Peter (Machinist), 1095 S Robey
*†Dickinson, Paul (Railway Supplies), Churchill & Hoyne avs
*Drake Standard Machine Works (Brick Machinery & Concrete Mixers, etc.), 298 W Jackson boul
*Dreis & Krump (O. K. Cornice Brake, etc.), 3214 S Halsted
†Duffin, Dan'l (Builders' Iron Work), 4001 Wentworth av
*†Eaton, W. T. Mfg. Co. (Steam Engines & Castings), 4 Sherman. Works, Libertyville, Ill.
*Eaton & Prince Co. (Elevators, etc.), 72 Michigan st
*Eckman, Carl F. (Machinist), 6340 Emerald av
*†Eddy, R. M. Foundry Co. (Boiler Fronts, Grate Bars, Castings, etc.), 61 Indiana
*Edmond-Metzel Mfg. Co. (Machinists), 153 S Jefferson
*Eldred Mfg. Co. (Electric Specialties, etc.), 419 W Clark
†Elizabeth Street Foundry (Iron Fdry.), 5837 S Elizabeth
*†**ELMES, CHAS. F. ENGINEERING** Works (Hydrauiic, Fire Boat & Rubber Machinery), Fulton & Sangamon. (See adv. index, end of book)
§Empire Brass Works (Brass Founders), 109 Jefferson
*Emrath, Louis (Machinist), 82 Market
*Enterprise Tool & Metal Works (Machinists), 141 S Clinton
*Enterprise Vending Machine Co., 28 N Desplaines
Erb, W. B. & Co. (Machinists), 224 S Clinton
*Excelsior Steel Furnace Co., 38 W Monroe
*Fanning Mfg. Co. (Hot Air Pumping Engines), Morgan, Pratt & Superior
§Faunt Bros. (Brass Founders), 163 Randolph
*†Featherstone Foundry & Machine Co. Corliss Engines, Ice Machines, Grey Iron Castings, etc.), 348 N Halsted
*Federal Mfg. Co. (Vehicle Gears, etc.), 6106 La Salle, also Cleveland, O.
†Ferguson & Lange Foundry Co. (Iron Fdrs.), Willow nr Hawthorne av
*Fischer Machine Works (Woodworking Machinery), 345 S Canal
*Fisher, A. J. (Air Compressors, etc.), 51 S Clinton
*Fisher, Theo. (Brass Founders), 3804 S Halsted
*Folding Sawing Machine Co., 16 S Clinton
*†Foley & Williams Mfg. Co. (Sewing Machines), 48 Jackson boul
*Fort Dearborn Mfg. Co. (Special Mach'y, etc.), 58 N Jefferson
†Fortiner, J. C. (Grey Iron Founders), 315 Dearborn
*Foster-Kimball Machine Co. (Machinists), 73 Fulton
†Frake, Jas. (Iron Fdry.), 459 W Kinzie
†Francis & Nygren Foundry Co. (Iron Fdrs.), 1201 Fillmore
*Franke, Frank (Tools & Machinist), 128 S Clinton
†Franklin Foundry Co. (Iron Fdry.), 1155 S Paulina av
*Frazier, Wm. B. (Machinist), 28 N Desplaines
*Gallaher & Speck (Machinist), 295 5th av
*Ganschow, Wm. (Gears, etc.), 12 S Clinton
*†Garden City Fan Co. (Iron Fdrs. & Blowers, Fans, etc.), 42 S Clinton. Works, Niles, Mich.
†Garden City Foundry (Iron Founders), 62 W Washington
*Gates, E. L. Mfg. Co. (Gas Engines), 15 W Madison
*Glader, Wm. (Machinists), 160 S Clinton
*§Goetz & Flodin Mfg. Co. (Brass), 133 W Chicago av
*Goodman Mfg. Co. (Electric Mining Machinery), S Halsted & 48th pl
*†Goss Printing Press Co. (Printing Presses), 16th & Ashland av
*†Gould Coupler Co. (Car Couplers & R. R. Specialties), Rookery Bldg.
*§Graham, Jno. I. (Brass Founder & Finisher), 164 S Clinton
*Greenlee Bros. & Co. (Woodworking Machinery), 225 W 12th
†Greenlee Foundry Co. (Iron Fdrs.), 142 Bunker
*Gregory Electric Co. (Electric Machinery), 54 S Clinton
*Greiner Mfg. Co. (Dies, Tools, etc.), 72 S Canal
*†Griffin Wheel Co. (Car Wheeels), 138 Jackson boul, Works, Sacramento av & C. & N. W. Ry.
*Griffiths, J. R. & Co. (Machinists), 112 Michigan
*Grotnes, Chas. (Machinist), 28 W Washington
*Gruendel, Geo. (Machinist), 18 S Canal
*Guarantee Electric Co. (Dynamos & Motors), 153 S Clinton
*Gump, B. F. Co. (Flour Mill Elevator & Power Transmitting Appliances), 53 S Canal
†§Hall, Miller & Son (Iron & Brass Bedstead), c Taylor & Rockwell
*Haller Machine Co. (Special Machinery & Hardware), 127 Fulton
†Hallett Iron Works, 92 W Polk
*Hammar, Herman (Machinist), 7452 S Chicago av
§Hanfstengel, Jos. T. Brass Founders), 66 W Lake
*Hanna, Elmer E. (Air Hoists, Vises, etc.), 820 Elston av
†Hansell-Elcock Co. (Iron Founders & Builders' Iron Works), Butler & Archer
*Hansen, Jens (Shirt, Cuff & Collar Ironing Machy.), 15 S Canal
*Hanson & Tunelius Machine Co. (Machinists), 232 S Clinton
*Hardinge Bros. (Sensitive Drills & Watchmakers' Tools, etc.), 1036 Lincoln av
*§Harris, Geo. P. & Bro. (Brass Founders & Finishers), 44 N Curtis
*Hartwig, Henry (Machinist), 776 W 22d
*Harvard Electric Co. (Electrical Specialties), 60 W Vanburen
*†Hawley Down Draft Furnace Co. (Mechanical Stokers' Melting Furnaces, etc.), Superior & Townsend
*Healy Ice Machine Co. (Ice Machines & Steam Engines), 641 30th
*Helmold, J. F. & Bro. (Machinists), A, N E c Dominick
*Hennebohle, Frank (Steam & Hydraulic Specialties), S Chicago & Erie avs
*§Hewitt Mfg. Co. (Brass Founders & Finishers), 4041 Emerald av
*Heyser, Christian B. (Machinists), 42 S Clinton
§Hills, Robt. E. (Brass Founder & Finisher), 157 N Wells
§Hine-Watt Mfg. Co. (Brass Fdrs.), 60 Wabash av
*Hoeft & Moore (Machinists), 85 5th av
HOISTING & CONVEYING MA-CHINERY CO., 45 N Elizabeth. (See index, end of book)
*§Holland, Wm. (Brass Foundry & Finisher), 54 S Canal

*Holliday Mfg. & Eng. Co. (Gasoline Engines), 160 Bunker
*Holmes Bros. (Machinists), 218 Washington
†Holmes, Pyott & Co. (Builders' Iron Work & Foundry & Machinists), 13 N Jefferson
*†Home Stove Works (Stoves), W 18th & Rockwell
*Hydraulic Engineering Works (Hydraulic Press and Pumps), 15 S Canal
*Ideal Mfg. Co. (Special Mach'y, etc.), 18 W Randolph
§Illinois Brass Foundry Co. (Brass & Bronze Fdrs.), 99 Bunker
*†Illinois Machine & Foundry Co. (Iron Fdrs.), 1125 W 21st
*†§Illinois Malleable Iron Co. (Iron & Brass Fdrs., Pipe Fittings & Plumbers' Supplies), 30 W Monroe
*†Illinois Sewing Machine Co. (Sewing Machines, etc.), 35 Randolph. Works, Rockford, Ill.
*†§International Harvester Co. (Agricultural Implements), 7 Monroe
*James & Foote (Machine Tools & Gear Cutting, etc.), 24 S Clinton
*Jansen, Henry (Special Machy. & Tools), 200 S Clinton
†Johnston & Jennings Co. (Iron Fdrs.), S Morgan & W 38th
*†Jones, W. A. Foundry & Machine Co. Power Transmitting Machinery & Castings), 142 W North av
*Joy, Chas. H. (Slot Machines), 251 S Jefferson
*Kaestner & Co. (Elevators, Brewers' & Malsters' Paint Grinding & Mixing Machinery), 241 S Jefferson
*†Kellogg-Mackey-Cameron Co. (Radiators & Heaitng Apparatus), Lake & Franklin
†Kent, W. D. Iron Co., 216 N Union
*†Kimball & Chappell Co. (Metal Bedsteads, etc.), 2834 Loomis
*Klemm, Emil R. (Stone Jacks), 107 W Monroe
*Kling Bros. (Punches, Shears, Plate Rolls & Boilermakers), 287 Hawthorne
*Klipfel & Thomas Co. (Steam Traps, Valves, Regulators, etc.), 74 W Lake
*Knapp, Fred H. Co. (Labeling Machines), 80 Wabash av
*Knudtson, T. L. Machinery Co. (Machy. Mfrs.), Monadnock blk
*Kohler Die & Specialty Co. (Tools, Dies, Presses, etc.), 50 W Washington
*Kreiter, Louis & Co. (Machinists), 68 W Monroe
*Kroeschell Bros. Ice Machine Co. (Ice Machines, etc.), 31 Erie
†Kurtz Foundry Co. (Iron Fdrs. & Fine Gray Iron Castings, etc.), N Claremont av & Kinzie
*Lammert & Mann (Gas & Gasoline Engines, etc.), 155 S Jefferson
*Lamson Cutter Head Co. (Machinists), 27 S Canal
*Lang, J. Electric Co. (Elec. Machy.), 178 E Indiana
*Lange, Henry G. (Glass Beveling & Coffee Roasting Machinery), 22 N May
*Latham Machinery Co. (Bookbinders' Wire Stitching & Perforating Machines, etc.), 199 S Canal
*Lathey Steel Type Co. (Steel Type, etc.), 161 Superior
*†Latrobe Steel & Coupler Co., Old Colony bldg
*Lemley & Schultz (Machinists), 570 Elston av
*Lindahl, Henry (Machinist), 39 W Washington
*†Link-Belt Machinery Co. (Fdrs. & Machinists' Power Transmitting, Link Belting, etc.), W 39th & Stewart
*§Liquid Carbonic Co. (Soda Fountains), 67 N Wells
§McAndrews, Wm. T. (Brass Fdry.), 12 N Rockwell
*McCanna, Jno. F. Co. (Lubricators, etc.), 153 W Jackson boul
*†McCord & Co. (Railroad Specialties), Old Colony bldg
*McCrea, Jas. & Co. (Steam Specialties & Boring Machines for Electric Wiring), 67 W Washington
*McDonald Machine Co. (Can Making Machinery), 3949 Wentworth av
*McDowell Stoker Co. (Mechanical Stokers), 59 S Canal
†McGreevy & Hagerty (Iron Fdrs.), 46 Michigan
*†McGuire-Cummings Mfg. Co. (Railroad Specialties), 122 N Sangamon
§McMorran, E. E. & Co. (Metal Specialties), 15 N Clinton
*Machine Perfecting & Mfg. Co. (Machinists), 147 S Clinton
§Magnus Metal Co. (Railroad Brasses, etc.), 43d & Union. (See Buffalo, N. Y.
§Mahoney, P. F. (Brass Founders), 39 W Washington
†Mahr & Frieberitz Foundry Co., 950 W 49th
*Marine Iron Works (Paddle Wheel & Marine Machy.), Clybourn & Southport avs
*Marsh, Jas. P. & Co. (Steam Gauges, etc.), 224 Wash'n
*Martenson, L. (Machinist), 146 Monroe
*Martin & Anson Co. (Air Compressors), 2332 Cottage Grove av
*Massay Vise Co. (Vises, etc.), 110 E Indiana
*Mathison, A. O. Machine Co. (Machinists), 1231 Wabansea av
*Midland Machine Co. (Slot Machines), 85 Madison
*Miller Chemical Engine Co., 149 Huron
*Mitchell, Frank C. (Machinist), 31 S Canal
*†Mitchell, W. B. Skein & Foundry Co. (Iron Fdrs.), 74th & I. C. R. R. Grand Crossing
*MONIGHAN'S MACHINE WORKS, (Hoisting Engines, etc.), 813 Carroll av. (See adv. index, end of book)
*†Morden Frog & Crossing Works (Frogs, Crossings & R. R. Castings), Rookery bldg
*Morgan-Gardner Electric Co. (Electric Mining Machinery), 2642 Shields av
*†Mudd Mfg. Co., Hanson Park
†Munro, Daniel (Iron Fdrs.), 234 S Jefferson
*Murray, W. B. (Gas Engines), 1253 Milwaukee av
*Nagel-Collins Mfg. Co. (Machinists), 249 S Jefferson
§National Brass & Iron Works (Brass Fdrs.), 179 Lake
*National Brazing Co., 52 W Adams
*National Car Coupler Co. (Car Couplers, Buffers, Steel Platforms, etc.), Monadnock blk. Works, Converse, Ind.
*†National Drill & Mfg. Co. (Rock Crushers & Road Grading Machy.), Pullman bldg. Works, Barberton, O.
*National Hoist & Machine Co. (Derricks & Fittings, Elevators, etc.), 463 W 22d
*National Machine Works (Brewers' & Malsters' Machy.), Sheffield & North av
†National Malleable Castings Co., W 26th nr Western av
*†National Stamping & Electrical Works (Electric & Special Machinery), 133 S Clinton
*National Vending Machine Co. (Coin Machines), 2333 Wabash av
*Nelson & Le Moon (Machinists), 88 W Monroe
†Northwestern Foundry Co., 1125 W 21st
*Nugent, W. W. & Co. (Oiling Devices, etc.), 20 W Randolph
*Nye Steam Pump & Machy. Co., 70 W Wash'n
*Oliver Typewriter Co. (Typewriters), 168 Wabash av. Works, Woodstock, Ill.
*Ostrander-Seymour Co. (Printing Machy.), 143 Dearborn
*†Otis Elevator Co. (Elevators), 16th & Laflin
§Owens Brass & Copper Works (Brass Fdrs.), 188 N Union
*†Paige Iron Works (Inc.), (Frogs, Switches, Crossings, etc.), 637 Railway Exch.
*Parmelee Wrench Co. (Wrenches, etc.), 1056 W Monroe
*Partridge, Edw. O., 74 W Lake
*Peerless Electric Co. (Dynamos & Motors), 141 S Clinton
§Perrin, Wm. R. & Co. (Packing House Machinery, Presses, Pumps, Filters & Brass Fdrs.), 46th & Loomis
*Peterson, C. E. (Machinist), 1766 N Clark
*Pettibone, Mulliken & Co. (R. R. Frogs, Crossings, Switches, etc.), Marquette bldg
†Phoenix Foundry Co. (Iron Fdrs.), 586 S Jefferson
*Plaisted, Jno. A. Co. (Machinists), 278 63d
*†Plamondon, A .Mfg. Co. (Power Transmitting Machy., etc.), 57 S Clinton
*†Plano Mfg. Co. (Agl. Implts.), West Pullman. See International Harvester Co.
*Plunket, Jas. E. (Machinist), 119 W Washington
*Pratt, Henry Boiler & Machine Co. (Machinists & Boiler Makers), 877 S Halsted
*†Preble Machine Works (Woodworking Machinery, etc.), 9035 S Chicago av
*†Pridmore, Henry E. (Molding Machines), 918 S Rockwell
*Pringle & Brodie Machinery Co. (Lathes & Special Machinery, etc.), 277 S Canal
*Printers' Chase & Machine Works (Special Machy.), 43 S Canal
*†§Pullman Co. (Car Builders, etc.), Pullman bldg. Works, West Pullman, Chicago
†Purcell, N. F. & Co. (Archl. Iron Work), 231 S Clinton
†Pyott Foundry Co. (Iron Fdrs. & Bldrs.' Iron Work), 75 N Morgan
*Quadriga Mfg. Co. (Special Machy.), 18 S Canal
*Railroad Supply Co. (Railroad Specialties), 215 Dearborn. Works, Chicago Heights, Ill.
*Railway Appliances Co. (Railroad Specialties), Old Colony bldg
†Ramsay, Jno. & Co., 16th & Laflin
*Raymond Bros. Impact Pulverizer Co. (Brick, Cement, Mining, Paint, Pulverizing, etc.), 143 Laflin
*Rebsamen & Almereth (Machinists), 1071 Elston av
†Reder Foundry Co. (Iron Fdrs.), 183 Newburry av
*Redington, F. B. & Co. (Special Machy., Gears, etc.), 107 S Sangamon
*†REEDY, J. W. ELEVATOR MFG. Co. (Passenger & Freight Elevators & Iron Fdrs.), 91 Illinois. (See adv. index, end of book)
*Rich, Geo. R. Mfg. Co. (Machinists), 171 S Canal
†Robinson Furnace Co., 109 Lake
†Roos, Henry Foundry Co. (Iron Fdry.), 985 Kimball av
*Roth Bros. & Co. (Dynamos & Motors & Electric Drives), 27 S Clinton
*Rouse & Knoll (Machinists & Printers' Tools), 158 Huron
*Rowe, Jas. (Machinists), 241 S Jefferson
*†Rubel & Co. (Ranges, Heaters, etc.), 438 W Lake
*§Ryan, J. J. & Co. (Brass Founders & Finishers), 68 W Monroe
Saladin Pneumatic Malting Construction Co. Brewers' & Malsters' Machy.), 57 S Clinton
*Savage Bros. Co. (Confectionery Mach'y), 42 Michigan
*Schaefer Bros. Co. (Electrical Machy.), 14 Julius
*Schindler, Andrew J. (Machinist), 441 21st
*Schultz, Jno. (Machinist), 103 S Canal
*Schureman, J. L. & Co. (Elec. Specialties), 139 S Clinton
*Schwabe & Son (Machinists), 55 W Washington
*Scott Valve Co. (Valves, etc.), 32 W Randolph
*Scovil Machine Co. (Machinists), 2427 Calumet av
†Sheffield Foundry Co. (Iron Fdrs.), Clybourn av & Herndon
§Shonk, Chas. W. Co. (Sheet Metal Signs, etc.), 629 N Wood
*Simplex Railway Appliance Co. (Railway Specialties), 279 Dearborn
*†Skillin & Richards Mfg. Co. (Grain Elevator Machinery), 127 Fulton
†Smith, Chas. Co. (Furnaces, etc.), 101 Lake
*Smith, F. H. Mfg. Co. (Machinists), 24 W Randolph
*†§SMITH, E. P. WIRE & IRON Works (Bldrs.' Ornamental & Cast Iron &Bronze Work), 100 Lake. (See adv. index, end of book)
*Smith & Phillips Mfg. Co. (Woodworking Machy. , 99 W Adams. Works, La Grange, Ill.
*Smurr & Kamen (Machinists & Special Machy.), 97 S Clinton
†South Halsted Street Iron Works (Fdrs.' & Bldrs' Iron Work), 2611 S Halsted
*†Sprague Canning Machinery Co. (Caning Machy.), 42 River. Works, Hoopeston, Ill.
*Standard Car Truck Co. (Car & Locomotive Trucks, etc.), 84 Vanburen
*Standard Diamond Drill Co., 431 Chicago Stock Exch.
*§Star Brass Mfg. Co. (Brass Founders), Fisher bldg
*§Star Brass Works (Brass Founders), 154 Lake

*Staver Carriage Co. (Feed Mills, Carriages, etc.), 76th & Wallace
*Stearnes Steel Range Co. (Steel Ranges), 31 Market
Steel Ball Co. (Steel Balls, etc.), 840 Austin av
§Sterion Copper, Brass & Bronze Co. (Brass Founders), 61 Ashland av
*†Stier, Herman Mfg. Co. (Brass Founders), 560 N. Halsted
*§Street & Kent Mfg. Co. (Brass Fdrs., Plumbers' Brass Specialties), 51 Fulton
*Strohm, W. A. & Bro. (Machinists), 588 W Lake
*Strube Machine Works (Machinsts), 455 25th
*Sullivan Machinery Co. (Mining Machinery, etc.(, Railway Exch.
*Superior Machine Works (Machinists), 196 W 12th
*Superior Machine & Boiler Works (Machinists), 133 W Superior
*†Tarrant Foundry Co. (Iron Fdrs., Light & Heavy Gray Iron Castings, etc.), 46 Indiana
*Tarrant, Robt. (Marine Engines, etc.), 56 Illinois
*†Temple Pump Co. (Engines, Pumps, & Windmills), 28 W 15th
*Templeton, Kenly & Co. (Track Jacks, etc.), Rookery bldg
*§Thomas Bros. Mfg. Co. (Brass Founders & Hardware Specialties), Fillmore & Rockwell
*Thomas Elevator Co. (Hod Hoisting Machy., etc.), 135 S Hoyne
*§Turner Brass Works (Make & Finish Anything in Brass; also Brass Castings, etc.), Franklin & Michigan
*Uhri, Jacob (Machinist), 73 W Washington
*Union Drop Forge Co. (Drop Forging & Machinists), 66 E Ohio
*Union Elevator & Machine Co. (Elevators & Machinery), 144 Ontario
*†Union Foundry Works (Iron Fdrs.' & Bldrs.' Iron Work), 1st National Bank bldg
*Union Special Sewing Machine Co. (Sewing Machines), 75 E Kinzie
†Union Wire Maottress Co., 112 Sacramento
†§Vanderpoel Co. (Iron Fdrs.), 497 W 22d
*†§Vierling-McDowell Mfg. Co. (Founders' & Bldrs.' Iron Work), 23d & Stewart av
*†§Vulcan Iron Works (Fdrs. & Machinists, Dredging & Pile Driving Machinery), 59 Milwaukee
*Wachs, E. H. Co. (Machinists), 158 Indiana
*†Walsh Brake Shoe & Foundry Co., 39th & Emerald av
*Walworth, Asa O. & Co. (Machinists), 5110 Calumet av
*Warrington Iron Works (Marine Engines, Yacht Builders, etc.), ft W Wellington
*Watling Mfg. Co. (Coin Operating Machines), 155 W Jackson
*†**WEBSTER MFG. CO. (Elevating, Conveying Power & Transmitting Machinery).** (Sec adv. index, end of book)
*†§Weir & Craig Mfg. Co. (Steam Specialties, etc.), 2439 Wallace
*†**WELLER MFG. CO. (Elevating & Conveying, Grain Elevator, Power Transmitting Machinery, etc.),** 118 North av. (See adv. index, end of book)
*Wells, F. O. (Est. of) (Steam Pumps), 116 S Clinton
*§Western Brass Mfg. Co. (Hardware Mfrs., Brass & Bronze Castings, etc.), 63 S Canal
*†§Western Electric Co. (Electric Machinery & Specialties), 259 S Clinton
†Western, Foundry Co. (Iron Fdrs., Soft Gray Iron Castings), 3632 S Albany av
†Western Iron & Steel Co. (Iron Fdrs., Gray Iron Castings), 40th & Union av
*†Western Steel Car & Foundry Co. (Iron Fdrs., Steel Cars, Railroad Castings & Forgings), Old Colony bldg. Works, Hegewisch, Ill.
*Western Tool Works (Machinists & Tool Mfrs.), 120 W Jackson boul
§Western Tube Co. (Cast, Malleable Iron & Brass Fittings & Iron & Brass Cocks, Valves, etc.), 204 Dearborn
*Westinghouse Machine Co. (Machinery), Bloomingdale av & N 49th av
*Wethey, John R. (Machinists), 174 W Jackson boul
*Whitcomb, Geo. D. Co. (Mining Machy., etc.), 86 Ohio
*White Bros. (Machinists), 1347 Fulton
*§White Mfg. Co. (Brass & Plumbers' Furnaces & Tools, etc.), 192 Mich
§Whiteford, Jos. G., 13 S Canal
*†Whitman & Barnes Mfg. Co. (Agl. Implts., Twist Drills, Wrenches, etc.), 66 S Canal
*Whiting, Geo. Co. (Punching & Shearing Machy.), 428 N Halsted
*Willard Sons & Bell Co. (Steam Forging & Machinists), 98th & Erie av
*Wilson Paper Box Machinery Co., 133 S Clinton
*†§**WINSLOW BROS. CO. (Builders' Iron & Bronze Work, Iron, Brass & Bronze Castings),** 368 Carroll av. (See adv. index, end of book)
*WINSLOW ELEVATOR & MACHINE CO. (Elevators), 98 N Clinton. (See adv. index, end of book)
*Wishart, Jno, Machine Works (Special Machinery, Etc.), 43 S Canal
*Wold, Torris & Co. (Canners' & Special & Experimental Machy. & Models), 68 N Jefferson
*†Wolf, Fred W. Co. (Ice & Sugar Machinery & Engines, Etc.), 141 Rees
*†§Wolff, L. Mfg. Co. (Iron & Brass Fdrs., Plumbers' Supplies, Cast Iron Pipe & Plumbers' Brass Goods, Etc.), 93 W Lake
*Wood, Morris & Sons (Moulding & Carving Machines), 33 S Canal
*Worth, Jas. M. (Gas Engines, etc.), 2949 Groveland, av
*Wrigley, Thos. & Co. (Machinists), 302 Dearborn
*Young, Jas. W. (Machinist), 73 W Jackson Booul
*Zoeller, Wm. F. (Machinist), 11 S Canal

CHICAGO HEIGHTS—*†American Brake Shoe & Foundry Co. (Brake Shoes, Steel Castings, etc.) Main Office, Mahwah. N. J. (See also Chicago)
*†American Founrdy & Machine Co. (Sugar Machinery, Etc.).
*†Bonnet-Nance Stove Co. (Stoves, Ranges, etc.)
*†Canedy, Otto Mfg. Co. (Anvils & Vises, Etc.).
†King & Andrews Co. (Steel Castings & Iron Founders, Etc.).
*†Marinette Gas Engine Co. (Gas & Gasoline Engines, etc.)
*†Quaker Mfg. Co.
*†Railway Appliances Co. (Pneumatic Tools, etc. (See Chicago.)
*Wood, Smith & Co. (Carriage Axles, Etc.).

CHILLICOTHE—*Slinn, H. H. (Machinist)
CHICAGO RIDGE—*†White Mfg. Co. (Slot & Vending Machines, Iron & Brass Castings, etc.)
CLAYTON—*†Birkett, A. S. & Co.
COBDEN—*Ede, Geo. A. (Machinist)
COLLINSVILLE—*†Bernhardt & Nieuhaus
†Blum Mfg. Co. (Stock Bells, etc.)
CORDOVA—*Williams Bros. (Machinists)
COULTERSVILLE—*Miller, A. (Machinist)
DANVILLE—*†Danville Fndry & Machine Co.
*§Fairweight Standard Scales Co.
DECATUR—*Beall Improvement Co. (Flour Mill Machinery)
*Bold, Wm. M. (Machinist)
*Brett, Wm. P. (Machinist)
†Central Malleable Iron Co. (Malleable Iron Castings)
*Chambers-Bering-Quinlan Co. (Agl. Implts)
*†§Faries Mfg. Co. (Special Machy. & Hdw. Specialties, etc.)
Hartley, C. J. Co (Machinists)
*†Haworth & Sons Mfg. Co. (Agl. Implts., Plows, etc.)
*†Leader Iron Works (Clay Working Machinery.)
*Matchless Machine Co (Machinists)
*§Mueller, H. Mfg. Co. (Drilling & Tapping Machines, Brass Fdrs & Plumbing Gds))
*†Oakes, Wm L (Engines, Grey Iron Castings, Etc.).
*†Tait, F. B. Mfg Co (Corn Planting Mach'y, Etc.).
*†Union Iron Works (Flour Mill Mach'y, Corn Shellers, Etc.).

DE KALB—*†De Kalb Fence Co. (Wire Stretchers, etc.)
†Haish Wire & Implement Co.
*Union Fence Co (Wire Stretchers, Etc.).

DE SOTO—†Mostoller, A. (Plows, Wagons, etc.)
DES PLAINES—†Garland, Geo. M. Co.
DIXON—*Gaulrupp & Hamblock (Machinists)
*†Grand Detour Plow Co (Agrl Implts, Plows, Etc.).
*Miller-Gantz Co. (Gas & Gasoline Engines)

DOWNERS GROVE—*Dicke Tool Co (Lineman's Construction Tools, Etc.).
DU QUOIN—*†Blakeslee Mfg. Co. (Steam Pumps, etc.)
DWIGHT—*†Spencer, J. A. (Hay Presses, etc.)
EAST MOLINE—Fuller Mfg. Co. (Grain Drills & Disc Plows
*†Root & Van Der Voort Eng. Co. (Gas Engines)
†Union Malleable Iron Co.

EAST ST. LOUIS—†American Steel Foundries Co (See N Y City)
*East St. Louis Locomotive & Machine Shop Co. (Locomotives & Steam Shovels, etc., Rebuilt)
*†Elliott Frog & Switch Co. (Frogs, Switches, Railroad Specialties, Etc.)
*†Excelsior Tool & Machine Co.
*†MacGowan & Finnigan Fdy & Machine Co (See St Louis)
†Missouri Malleable Iron Co
*†Pioneer Machine Co.
§Pittsburg Reduction Co. (See Pittsburg, Pa.)
†Railway Steel Spring Co
*St. Louis Steam Forge & Iron Works
*†Standard Railway Equipment Co.
*†Symonds Mfg. Co. (Registers)
†Western Forge Co (See St Louis)
*†Western Supply & Mfg. Co. (Plumbers & Steam Supplies)

EDWARDSVILLE—*†Bignall & Keeler Mfg. Co. (Pipe Cutting, Threading & Shaping Machinery)
*Desmond, Michael (Machinist)
*Dunstedler, J. (Machinist)
*§Edwardsville Brass Co. (Brass Fdrs & Plumbers' Brass Goods)

ELDORADO—*†Glasscock & Clark (Fdrs & Machists)
ELGIN—*†Elgin Mfg Co (Fdrs & Machinists)
*Elgin National Watch Co (Watch & Watch Case Mrfs)
*Elgin Wind Power & Pump Co (Windmills & Pumps)
*†Fauber Mfg Co (Automobile Parts & Castings, Etc.).
*Mosely Lathe Co. (Watchmakers' Machine Tools)
†Woodruff & Edwards Co (Fdrs)

EUREKA—*Jacobs & Morceau (Machinists)
EVANSTON—*†Mark Mfg Co, Will (Drilling Tools & Supplies)
*†Roth-McMahon Co (Cracker & Biscuit Mach'y)

FAIRFIELD—*Herdinger Machine Works (Machinists)
FARMINGTON—*Morse, E. E. (Machinist)
FRANKLIN PARK—†Frost, Waterbury & Co. (Malleable Iron Fdrs)
FREEPORT—*†Arcade Mfg Co (Light Grey Non Castings & Hardware Specialties)
*Hoefer Mfg Co (Machine Tools, Etc.).
*Johnson, R, Mfg Co (Machinists)
*Kochsmeier, H P (Machinist)
*Ritchie & Lukerman (Machinists)
*§Stover Machine Works (Gasoline En-
*†Stover Mfg Co (Hdw Specialties, Windmills, Pumps & Light Grey Iron Castings, Etc.).
*†§Woodmanse Mfg. Co. (Pumping & Power Steel Windmills & Iron & Brass Fdrs)

GALENA—*§Galena Iron Works Co. (Iron Founders & Mining Machinery, etc.)
*†Westwich, Jno, & Son (Machinists & Fdrs)

GALESBURG—*†Colton, G. D. & Co. (Agrl Implements, Feed Mills, Hay Presses, Etc.)
*†Frost Mfg. Co. (Steam Engines, Brick Mach'y, Etc.).
Galesburg Machine Works (Machinists)
*May Bros (Windmills, Etc.).
*Walton-Van Huffel Mfg. Co. (Machinists)

GALVA—*†Collinson, Frak J. (Fdry & Machsts)
*†Hayes Pump & Planter Co (Pumps, Cultivators, Planters, Etc.).
*†Mulford Heater Co. (Steam Heaters & Corn Planters)
*†Wistrand Mfg. Co. (Pumps, Corn Planters, Etc.)

GENEVA—†Howell, W. H. Co (Fdry)
GIBSON—*†Gibson Iron Works (Radiators & Iron Fdrs)
GRANITE — *American Pneumatic Railway Ditcher & Grader Co. (R. R. Ditchers & Graders)
*†American Steel Foundries (Steel Cars, Trucks & Castings) (Sec St. Louis, Mo.)
†Commonwealth Steel Co (Steel Castings, Car Tracks, Etc.). (See St. Louis, Mo.)
§National Enameling & Stamping Co.

GREENVILLE—*Kruger, P. J. (Machinist)
HARVARD—*†Hunt-Helm-Ferris & Co. (Haying Tools, Etc.)
*Stevenson & Beck (Land Rollers)

HARVEY—American Stove Co (of St Louis), (Stoves, Steel Ranges, Etc.).
*†Austin Mfg. Co. (Road Making & Well Drilling)
*Bliss & Laughlin (Key Seating & Shafting)
*§**BUDA FOUNDRY & MFG. CO.** (R. R. Specialties). (See adv. index, end of book)
*Enterprise Foundry
*†Strang Engine Co.
*†**WHITING FOUNDRY EQUIPMENT** Co. (Fdry Equipments, Elec. Cranes, etc.). (See adv. index, end of book)
HAVANA—*†Ashurst Press Drill Co.
*†Havana Metal Wheel Co (Metal Wheels, Plow Shares, Cultivators, Shovels, Etc.).
HIGHLAND—*Hegleutwiler Bros. (Machinists)
HOOPESTON—*†Sprague Canning Machinery Co. (See Chicago)
JACKSONVILLE—*Illinois Bridge & Machine Co.
*†C. P. & St. Louis Railway Shops
*Kellogg Bros. & Co. (Machinists)
JOLIET—*†Bates Machine Co (Corliss Engines & Wire Mill Mach'y, Etc.).
*Hardy, Wallace L. (Machinist)
†Holsworth, Edwin A.
*†Humphrey & Sons (Agrl Implts, Iron Fdrs & Machinists, Etc.).
*†Illinois Steel Co. (See Chicago)
Joliet Bale Tie Co (Wire Working Mach'y)
*Joliet Bridge & Iron Co
*†Joliet Mfg. Co. (Corn Shellers, Etc.)
*†Joliet Stove Works (Stoves
†Pratt, Wm. E. Mfg. Co. (Hardware Specialties)
KANKAKEE—*†Beaumont, Richard (Valves, Hydrants, Etc.).
KEWANEE—*†Kewanee Boiler Co. (Heating
*†§Western Tube Co. (Cast, Malleable Iron
*†Peters Pump Co (Agrl Implts, Pumps, Etc.).
*†§Western Tube Co. (Cast, Malleable Iron & Brass Fittings, Iron & Brass Cocks, Valves, Etc.).
LA GRANGE—*†Smith & Phillips Mfg Co (Woodworking Mach'y)
LA SALLE—*Western Clock Mfg Co (Clock Mfrs, Etc.).
LEROY—*Jones, Chas. D. (Machinists)
LINCOLN—†Iles, Edw (Foundry)
*Mohn, H. & Son (Machinists)
*Moos, Jno. (Machinist)
LITCHFIELD—*†Litchfield Fndry & Machine Co (Machinery & Grey Iron Castings)
LOCKPORT—*†§Barrows Lock Co. (Bldrs.' Hardware & Specialties)
MACOMB—*†Fisher, Arch (Fndry & Machinist)
MARENGO—*†Collins & Burgie Co. (Stoves)
MARION—*†Crain, Benj. (Machinist & Fdry)
*†Gemmer Engine & Mfg. Co. (Gas, Etc.)
MAROA—*†Maroa Mfg Co (Agrl Implts, Cultivators, Car Loaders, Etc.).
MARSEILLES—*†Marseilles Mfg Co (Agrl Implts, Etc.).
MARTINSVILLE—*Rowe, M. A. (Machinist)
MASON CITY—*Heckman, A. L. (Machinist)
*Kern, Geo. N. (Machinist)
MATTOON—†Charleston Foundry Co.
*†Chuse Engine & Mfg. Co. (Engines, Fdrs, Machinists, Etc.)
MAYWOOD—*†Davidson, O. H.
*Stephens & Westcott Co. Steam Separators, Etc.)
MELROSE PARK—*†Featherstone Fdy & Machine Co. (See Chicago)
*†Latrobe Steel & Coupler Co. (See Chicago & Phila. Pa.)
MENARD—†Menard Mfg. Co. (Hollow Ware)
MENDOTA—*Black Bros Machinery Co
†Mendota Mfg. & Transfer Co.
*†Tower, J. D. & Sons Co (Agrl Implts)
MOLINE—*†Barnard & Leas Mfg. Co. (Flour Mill & Grain Elevator Mach'y)
*†Cooper, H. W. (Saddlery, Hdw., etc.)
*†Deere & Co (Inc.) (Agrl Implts)
*†Deere & Mansur Co (Agrl Implts)
*Lockhart Heating, Plumbing & Mfg. Co.
*Mandt Wagon Co (Farm Wagons, Etc.).
*†Moline Elevator Co (Elevators, Etc.).
*Moline Platform Co
*†Moline Plow Co (Agrl Implts, Plows, Etc.).
*†Moline Pump Co (Pumps, Windmills, Etc.).
*†Moline Scale Co. (Platform & Wagon Scales, Etc.).
*Moline Tool Co (Drills, Lathes, Etc.).
*†Moline Wagon Co (Farm & Heavy Wagons, Etc.).
*†Root-Vandervoort Gasoline Engine Co. (Gasoline Engines & Fdrs)
*§Schmidt, Henry (Brass Fdrq & Finishers)
*Sechler, D. M. Carriage Co (Carriages, Etc.).
*†Williams, White & Co. (Inc.), (Heavy Mach'y)
MONMOUTH—*†McIntosh Fdry & Machine Works
*Milne Mfg Co (Stump Pullers, Etc.).
*†Monmouth Plow Co.
*†Pattee Plow Co. (Agrl Implts, Plows, Etc.).
MORRIS—*†Coleman Hardware Co (Door Hangs & Bldrs Hdwre, Etc.).
*Ferguson, C. D. (Machinist)
*†Morris Fdry & Machine Co.
*†Nickel Mfg Co (Hdwre Specialties & Grey Iron Castings)
*Rickley, Geo. C. (Machinist)
MT. CARMEL—*†Mason, H. H.
MT. VERNON—*†Mt. Vernon Car Mfg Co (Cars, Car Wheels, Castings, Etc.).
MURPHYSBORO—*†Southern Illinois Machine & Fdry Co
NAPERVILLE—*Goetsch & Son (Plows, etc.)
NEW ATHENS—*†New Athens Foundry (F. W. Oberbeck, Propt) (Stoves)
NORTH AURORA—†Sperry, D. R. & Co (Fdry. Etc.).
NORTH CHICAGO—§Chicago Hardware Co.
*†Chicago Hardware Fdry Co.
O'FALLON—*†Eureka Steel Range Co.
OLNEY—*Remy, N. T. (Machinist)
OTTAWA—*American Hdw Mfg Co (Hdw Specialties, Etc.).
*King & Hamilton Co (Agrl Implts, Etc.).
*†Knowles, W. H. (Fdry & Machinists)
*†Porter, J. E. Co (Pumps — Haying Tools, Etc.).
PARIS—†Reese, F. W. (Fdry)
PAXTON—*Stromberg & Anderson (Machinists)
PEKIN—*§Duesdieker Fdry & Mach'y Co.
*Joerger, Geo. (Machinist)
*†Pekin Plow Co. (Agrl Implts, Plows)
*Smith, T. & H. & Co (Heavy Wagons, Etc.).
PEORIA—*†Acme Harvester Co (Agrl Implts). S Bartonville
*Acme Railway Signal & Mfg Co, E Peoria
*Armstrong, Jas. C. (Flour Mill Mach'y)
*†Avery Mfg Co (Agrl Implts, Engines, Cultivators, Stackers, Etc.).
*§Bartholomew Co. (Coffee & Peanut Roasting Machines & Automobiles)
*§Brass Foundry & Heating Co. (Brass Fdrs. & Machinists)
*†Buckley, R. C. (Plows, Etc.).
*Clark, Quien & Morse (Cream Seperators, Washing Machines, Etc.).
*†Colean Mfg. Co. (Threshing Mach'y, Traction Engines, Etc.).
†Excelsior Foundry Co (Grey Iron Castings)
†Globe Foundry Co (Iron Fdry)
*†Hamburg Heater Co.
*†Harms, Daniel G. (Plows & Cultivators)
*Hart Grain Weigher Co
*Herschel, R. Mfg Co (Agrl Implts)
*Illinois Electric Mfg. Co.
*†Kingman Plow Co. (Agrl Implts, Plows, Etc.)
*†§Kinsey & Mahler Co. (Steam Specialties & Brass Fdrs.)
*†Lucus, Adam & Sons (Iron Fdrs, Builders' Iron Work & Machinists)
*McAleenan Boiler Co (Boiler Makers' Machinery)
*Marcus, Jas. V. (Machinist & Blacksmith)
*Meyer Furnace Co. (Hot Air Furnaces & Fdrs, Etc.).
*†O'Brien Bros. (Founders, Steam Fittings & Hot Air Furnaces)
†O'Rorke & Co (Iron Fdrs)
*Oltmanns & Schmidt (Machinists)
*Peoria Coal, Drill & Hardware Co.
†Peoria Foundry Co (Iron Fdrs, Bldrs' Castings, Etc.)
*Royal Electric Co. (Dynamos & Motors, Etc.)
*Schneider, Jno & Co (Machinists)
*†Selby, Star & Co. (Agl Implts)
*Smith & Carpenter (Machinists)
*Struthers & Schnoebelen (X-Ray Apparatus, Etc.)
*Tichnor, F. C. (Machinist)
*Tichenor, F. C. (Machinist)
*†Western Stove Works (Stoves & Ranges)
*Wright Machine Co (Threshing Machines, Saw Mills, Etc.)
PEOTONE—*Fahs, C. L.
PERU—*†Brunner, Chas. (Gas Engines, Scales & Castings)
*†Peru Plow & Wheel Co (Agrl Implts, Plows, Etc.)
PINCKNEYVILLE—*†Eaton Plow Works (V. A. Stookey & Son, Props.) (Plow Mrfs, Etc.)
*†Eureka Mfg. Co. (Grain Drills, Etc.)
PLANO—*†Earl Metal Bed Co.
*†Sears, A. H. (Agrl Implts, Etc.)
PONTIAC—*Roth, Wm. H. (Machinist)
*†Smith, Jno. W. Fdry & Machine Works
PRINCETON—*Star Ball Bearing Axle Co
Maddock & Herschell (Flue Welding Machines)
QUINCY—*Adams Tobacco Press Co (Tobacco)
*Barmier, B (Machinist)
*§Bush, Clement (Iron & Brass Castings)
*†Central Iron Works (Gas & Gasoline Engines, Castings, Etc.)
*†Channon-Emery Stove Co (Stoves, Etc.)
*†Collins Plow Co (Plows, Hay Presses, Etc.)
*†Comstock-Castle Stove Co (Stoves)
*†Electric Wheel Co. (Metal Wheels, Cars, Carts, Etc.)
*Ertel, Geo. Co (Hay Presses, Etc.)
*†Excelsior Stove & Mfg Co (Stoves, Etc.)
*†Gardner Governor Co (Steam Pumps, Governors, Etc.)
*†Gem City Stove Mfg. Co. (Stoves, Etc.)
*Little, J. R. Metal Wheel Co. (Metal Wheels, Etc.)
*Massie, S. B. & Son (Machinists)
*†§Modern Iron Works (Iron & Brass Goods, Plumbers, Contractors & Water Works, Castings, Etc.)
*†Quincey Corn Planter Co (Corn Planters,
*†Quincey Engine Works (Steam Engines, Electric Pumps, Heavy Machinery & Special Castings)
*†Quincy Foundry & Novelty Co (Stoves,
*†Quincy Stove Mfg Co (Stoves) Etc.)
§Reese, W. J. Brass Fdry
*†Reliable Foundry Co (Mach'y, Castings, Etc.)
*†Sheridan Stove Mfg Co (Stoves)
*Stahl, Wm. (Metal Wheels, Etc.)
*†Van Doorn Co (Fdrs & Machinists)
*†White, Thos. Stove Co (Stoves)
ROBINSON—*†Reese, A. H.
ROCK FALLS—*Eureka Co (Working Machines,
*Ulrich, F. W. (Agrl Implts)
ROCKFORD—†American Foundry Co (Iron Fdrs)
*†Barnes, B. F. Co. (Hach Tools, Etc.)
*†Barnes, W. F. & Jno. Co (Mach Tools & Woodworking Mach'y)
*Burson Mfg Co (Kniting Machines)
*Cormack & Co (Gasoline Engines)
*Dickenson, H. G. (Jobbing Machinist)
*§Dobson Mfg. Co. (Iron Fndrs.)
*East Rockford Machine Works (Machinists)
*†Emerson Mfg Co (Agrl Implts, Mowers, Plows, Cultivators, Etc.)
*Forest City Bit & Tool Co
†Greenlee Bros. & Co.
*†Illinois Sewing Machine Co. (See Chicago)
*Ingersoll Milling Machine Co (Mach Tools)
*†Love, M. A. Mfg Co (Pumps, Fdrs & Machinists)
*Marsh, H. C. (Mitre Machines, Etc.)
*Mechanics Machine Co. (Machine Tools)
*National Engine Co (Gasoline Engines, Etc.)
*Redin, Jno E. (Light Mach'y & Tools)
*§Rookford Brass Works (Brass Fdrs, Etc.)
*Rockford Folding Machine Co
†Rockford Malleable Iron Works (Iinc)
*†Rockford Mfg Co (Agrl Implts, Plows, Harrows, Etc.)
*†Rockford Well Drill Co. (Well Drilling Mach'y)
*Savage & Love Co. (Gas & Gasoline Engines, etc.)
*Spengler Bros. (Machinists)
*†Trahern Pump Co (Pump Mfrs, Etc.)
*†Ward Pump Co (Pumps, Hydraulic Rams & Castings, Etc.)
*Woodward Governor Co (Water Wheel Governors, Etc.)
ROCK ISLAND—*Griswold, M. O. & Co (Slot Machines)
*†Rock Island Plow Co (Agrl Implts, Plows, Etc.)
*†Rock Island Stove Co (Stoves, Etc.)
ST. CHARLES—§Crown Electrical Mfg. Co. (Chandeliers, Bicycle Chains, Etc.)
*Leader Fence Machine Mfg. Co.
†Moline Malleable Iron Co
*Swetzer, W. R. (Machinist)
SANDWICH—*†Enterprise Windmill Co.
*Estep & Dolan (Angle Benders, etc.)
*†Sandwich Mfg Co (Agrl Implts, Harvesters, Mowers, Etc.)

SAVANNA—*Stransky & Oyster (Agl. Implts.)
SENECA—*Shaw's, J. L. Sons (Machinists)
SHAWNEETOWN—†Quick, Jas. A.
SHELBYVILLE—*†Sturgis, W. B. & Son Plows, Etc.)
SPARTA—*†Crothers, F. R. & Co. (Plows, Harrows, Etc.)
*†Sproul, Matt (Stoves & Argl Implts)
SPRINGFIELD—*†Aetna Fdry & Machine Co (Power Transmitting Machinery, Castings, Etc.)
*Ansell, Oscar (Machinist)
*Bleser, Jacob (Machinist)
*Carbon Drill Co.
*†Ide, A. L. & Sons (Steam Engines, Etc.)
*†Sangamon Mfg. Co (Water Meters)
*†Springfield Boiler & Mfg Co (Dredging Mach'y
STEGER—†Steger & Sons Piano Mfg. Co.
STERLING&*Bauder, Ervin (Machinist)
*†Charter Gas Engine Co (Gas Engines)
*Frantz, Peter (Machinist)
*†Keystone Co. (Agrl Implts)
*†Lawrence Bros. (Door Hangers, Hdwre, Etc.)
National Mfg. Co. (Hdw. Specialties, etc.)
*Novelty Iron Works
†Sterling Foundry Co.
†Sterling Mfg Co (Agrl Implts)
STREATOR—*Iwan Bros. (Ditching Tools, etc.)
†Patch, S. B. & Sons (Castings, Machinery, Etc.)
*†Wenzelmann Mfg. Co. (Hdw Specialties)
SYCAMORE—†Patten, Frank C. Co.
*Sycamore Machinery Co.
TAYLORVILLE—*Hollis, N. F. (Machinist)
URBANA—*†C. C. C. & St. Louis R. R. Shops
*†Leavitt Mfg. Co. (Cattle Dehorners)
*†University of Illinois
VANDALIA—*†Cracroft, Berry (Brick Machy. & Foundry)
WAUKEGAN—*†§Thomas Brass & Iron Co. (Iron & Brass Founders & Steam Specialties)
*†Wright, Wm. (Fdy & Machinist)
WAVERLY—*Rodgers, H. J. (Machinist)
WEST CHICAGO—†Nickelson Foundry Co.
WHITE HALL—*†Winn Bros. (Machinists)
WINTHROP HARBOR—*†Willard, Chas. P. & Co. (of Chicago)
WOODSTOCK—*Abbott & Hollister
*Gribel Bros (Machinists)
*Oliver Typewriter Co. (See Chicago)
XENIA—*Peirce, Jno A. (Machinist)

INDIANA

ALEXANDRIA—†Markley & Jones (Iron Fdrs.)
*†Republic Iron & Steel Co. (See Chicago)
ANDERSON—*Anderson Bridge & Scraper Co. (Road Scrapers, Etc.)
*Anderson Forging Co.
*†Anderson Foundry & Machine Works (Tin Plate Mach'y, Etc.)
*Anderson Knife & Bar Co.
*Anderson Tool Co.
*Elwood Iron Works
*†Gould Steel Co. (Car Couplers & Steel Castings) (See N Y City)
*†Hill Machine Co. (Pumping Machinery)
*Hill Tool Co. (Lathe Dogs, Key-seating Machinery, Etc.)
*Johnson-Reynolds Co. (Gas Regulators)
*Lambert Gas & Gasoline Engine Co. (Engines & Well Mach'y, Etc.)
*§Laville Foundry Co. (Brass Fdrs)
*National Wrought Iron Annealing Box Co.
*Reliable Machine Co. (Machinists)
§Schneider Bros.
*Westerfield Motor Co.
*†Woolly Foundry & Machine Works. (Gas Engines, Brick Presses & Castings)
ANGOLA—*†Angola Engine & Foundry Co.
†Angola Furnace Co.
*Cary, Chas. (Machinist)
ATTICA—†Attica Bridge Co.
AUBURN—*Zimmerman Mfg. Co. (Windmills, Pumps, Etc.)
AURORA—*Aurora Tool Works (Milling Machines, Upright Drill Presses, Etc.)
*Stamm Machine Works (Stave Rejoiners & Woodworking Machinery)
*†Stedman Foundry & Machine Works (Crushing & Pulverizing Mach'y)
BEDFORD—*†Bedford Fdry & Machine Works
BLOOMFIELD—*†Bloomfield Mfg Co.
BLUFFTON—*†Bluffton Mfg. Co. (Corn Planters, Washing Machines, Etc.)
*†Grimes, Geo. W. (Engines & Fdry, Etc.)
BRAZIL—*†Crawford & McCrimmon Co. (Mining Mach'y & Castings, etc.)
*Shaw & Biddle (Machinists)
BREMEN—*May, Wm. (Machinist)
BUTLER—*†Butler Co. (Windmills, Wind Engines, Etc.)
CAMBRIDGE CITY—*†Bertsch & Co. (Punching, Shearing, & Sheet Metal Workers' Mach'y)
*National Drill Co. (Cultivators, Grain Drills, Etc.)
CANNELTON—†Cannelton Iron Works
CLINTON—*Hopkins, Geo. R. (Machinist)
COLUMBIA CITY—*Columbia Machine Works
COLUMBUS—*†Caldwell & Drake Iron Works (Iron Fdrs & Bldrs Iron Work)
*Columbus Machine Works
*Keller, C. M. (Coal & Coke Crushers, Etc.)
*National Machine Co. (Band Cutters & Feeders)
*†Reeves & Co. (Agrl. Implts, Saw Mills, Etc.)
CONNERSVILLE—*Ansted Spring & Axle Co. (Carriage Springs, Etc.)
*†Connersville Blower Co. (Pumps, Rotary Blowers, Etc.)
*Harrisons, J. I. Sons (Machinists)
*†Root, P. H. & F. M. Co. (Pumps & Rotary Blowers, Etc.)
*†Wainwright, W. W. (Fdry & Machinist)
CONVERSE—*†National Car Coupler Co. (Car Couplers, Buffers, Steel Platforms, Etc.) (See also Chicago)
CRAWFORDSVILLE—*Birch & Birch (Machiunists)
†Lyle & Reynolds (Foundry)
CROWN POINT—*†Crown Point Mfg. Co. (Feed Mills, Etc.)
DECATUR—*†Van Camp, Anson (Flour Mill Mach'y)
DUBLIN—*Morgan, E. S. (Machinist)
EAST CHICAGO—*†Famous Mfg Co. (Agrl Implts, Hay Presses, Etc.)
ELKHART—*Automatic Heat Regulator Co. (Heat Regulators, Etc.)
*§Buescher Mfg. Co. (Special Mach'y, Brass & Aluminum Castings, dics, etc.)
*§Chicago Telephone Supply Co.
*§Conn, Chas. G. (Band Instruments, Etc.)
*§Elkhart Brass Mfg. Co. (Brass Fdrs & Finishers)
*Elkhart Bridge & Iron Co.
*†Elkhart Frog & Crossing Works (Frogs, Switches & R. R. Crossings, Etc.)
*Elkhart Steel Range & Furnace Co.
*Gardner & Stenberg (Machinists)
†Kelley, Edw., Foundry Co. (Iron Fdry)
*Kuhlman Electric Co. (Electrical Specialties)
*Lakon Co. (Electric Transformers, Fuse, Junction Boxes, Etc.)
*Noyes Carriage Co. (Agrl Implts & Carriages)
ELWOOD—Elwood Fdry & Machine Co.
*†Elwood Iron Works (See Anderson, Ind.)
*Elwood Lawn Mower Co. (Lawn Mowers)
EVANSVILLE—*Bernardin Bottle Cap Co. (Bottlers' Mach'y)
*†Blount, H. F. (Agrl Implts, Plows, Etc.
§Evansville Brass Works
*†Evansville Foundry Ass'n (Stoves, Ranges & Hollow Ware)
*†Evansville Stove Works (Stoves, Ranges & Hollow Ware)
*†Evansville Tool Works (Axes, Hammers, Picks, Etc.)
*†Grote Mfg Co. (Iron Fdrs, Bldrs Iron Work, Etc.)
*†Hartig-Becker Plow Co. (Plows, Cultivators, Etc.)
§Healey, Peter (Brass Fdry)
*†Heilman Machine Works (Engines, Saw Mills, Threshers, Etc.)
*†Holtz, Ferd (Iron Fdry.)
*†Indiana Stove Works (Stoves, Ranges & Hollow Ware)
*Jack, Alex (Machinist)
*†Mesker, Geo. L. & Co. (Iron Fdrs & Bldrs Iron Work)
*†Southern Stove Works (Stoves, Ranges & Hollow Ware)
*†Vulcan Plow Co. (Plows, Etc.)
FAIRMOUNT—*†Fairmount Machine & Tool Works
FERDINAND—*†Kitten, F. (Threshers, Etc.)
FORT BRANCH—†Lintz Bros.
FT. WAYNE—†Central Foundry Co.
*†§Fort Wayne Electric Works (Dynamos Motors, Etc.)
*†Ft. Wayne Foundry & Machine Co. (Engines, Saw Mills, Etc.)
*Fort Wayne Steam Specialty Co. (Machine Repairing, Etc.)
*Haberkorn Engine Co. (Gas Engines)
*Hanna Brackenridge Co. (Machinists)
*§Hattersley, A. & Sons
*Horton Mfg. Co. (Agrl Implts, Corn Planters, Etc.)
*Indiana Road Machine Co. (Road Making Mach'y)
*†Kerr-Murray Mfg Co. (Gas Works Apparatus & Mach
*†Knott-Van Arnam Mfg. Co. (Woodworking Mac
*§Kunkle, E. B. & Co. (Brass Fdrs & Machinists, Safety Valves, Etc.)
†Menefee Foundry Co. (Iron Fdrs)
*†Western Gas Construction Co. (Gas Works Apparatus & Mach'y)
FRANKFORT—*Eldridge & Smith (Machinists)
*†§Frankfort Brass Works (Brass Fdrs)
*§Frankfort Brass Works (Brass Fdrs)
*Model Machine Works (Machinists)
*†Wallace Mfg. Co. (Brick & Drain Tile Mach'y)
FRANKLIN—*†Sauer, Anton (Machinist & Fdry)
FRANKTON—†Frankton Furniture Co.
GAS CITY—*Indiana Edge Tool Co.
GOSHEN—§Harwood, L. A. (Brass Fdry)
*†Kelly Fdry & Mach Co (Boiler Fronts, Grate Bars, Etc.)
*†Pease Engine & Mach Works (Gas Engines)
*†Thomas-Albright Co. (Hydraulic Presses)
GREENCASTLE—*§Cole Bros. Lightning Rod Co.
GREENFIELD—*†Abbott, J. R. (Machinist)
GREENBURG—*†Skeen, W. P. & Co. (Machinists & Iron Fdrs)
†Watson, W. A. (Foundry)
HAGERSTOWN—*†Light Inspection Car Co. (Light Inspection Cars, Gas Engines, etc.)
HAMMOND—*Champion Potato Machinery Co. (Potato Mach'y)
†Chicago Steel Mfg. Co.
*†North Star Iron Works
*†Simplex Railway Appliance Co. (Car Bolsters, Roller Side Bearings, Etc.)
HARTFORD CITY—*†Bowen, W. J. & A. L. (Machinists & Iron Fdrs)
*†Jarecki Mfg. Co. (See Erie, Pa.)
*†Mock, Jas. F. (Brick Mach'y & Dryers)
HUNTINGTON—*Newcomb, C. E.
INDIANA HARBOR—*†Standard Forging Co.
*†Inland Steel Co. (of Chicago Heights, Ill.)
INDIANAPOLIS—*†American Car & Foundry Co. (See St. Louis, Mo.)
*†American Foundry Ca. (Iron Fdrs), Warman av & Vandalia R. R.
*Aneshaensel, Adolph J., 1011 S Senate av
*Atkins, E. C. & Co. (Saws, Tools & Mach'y), 402 S Illinois
*†Atlas Engine Works (Engines & Mach'y), 19th & Martindale av
*†Brown-Ketcham Iron Works (Castings & Structural Steel Work)
*Capital Machine Works, 502 S Penn
*Castle Ice Machine Co. (Ice Machinery), 19 W South
*Central Machine Works (Machinists & Portable Boring Bars, Etc.), 226 W Henry
*†Chandler & Taylor Co. (Engines & Saw Mill Mach'y, etc.), 740 W Wash av
*Columbia Voting Machine Co., 121 W Georgia
*Commercial Electric Co. (Dynamos & Motors), 21st & Northwestern av
*Crescent Machine & Tool Co. (Special Mach'y), 220 S Penn
*Dohn, Wm. (Mach'y & Repairing), 503 1-2 S Delaware
*Embossing Art Die & Machine Co. (Wood Embossing & Carving Machines), 140 S Capital
*†Enterprise Foundry & Fence Co. (Grey Iron Castings), 366 S Senate av
*Everly, Wm. (Machinist), 904 E Georgia
*†Ewart Mfg. Co. (Chain & Link Belting, Etc.)
*Federal Mfg. Co. (See Cleveland, O.)
*Green, Thos. L. & Co. (Bakers' Mach'y), 1510 W Wash
*Gurley, S. C. (Tablet Mach'y & Coffee Urns, Etc.), 113 W Georgia
*Hall, Albert B. (Laboratory Mach'y), Shelby & Sanders
*Hensley, Jas. W. (Clay Working Mach'y), Lemcke bldg
*†Hetherington & Berner Co. (Asphalt Mach'y & Foundry), 19 W South
*†Home Stove Co. (Stoves & Ranges), 117 S Meridian
*Howard, Michael E. (Machinist), 374 S Senate av
*Indiana Machine & Supply Co. (Mach'y),
*Indiana Mfg. Co. (Straw Stackers), State Life bldg

*†Indianapolis Foundry Co. (Light Grey Iron Castings), 131 Harding
*†Indianapolis Stove Co.
*Indianapolis Tool & Mfg. Co. (Special Machinery, Tools & Dies), 15 McNobb
*Jenney Electric Mfg Co. (Dynamos & Motors)
*Johnson, Jesse B. (Excelsior Machinery), 323 N Blackford
*§Keyless Lock Co. (Post Office Equipments, Etc.)
*Knight & Jillson Co. (Plumbing Specialties, Etc.)
*†§Langsenkamp Bros. Brass. Works (Brass Founders & Finishers), 138 E Georgia
*†Laycock, T. B. Mfg. Co.
†McNamara-Koster Foundry Co. (Grey Iron Castings), 408 S Penn
*Monarch Gas Engine Co., E New York & Belt R R
*Monarch Governor & Machine Co. (Monarch Governors, Etc.), 1261 Barth av
*†National Malleable Castings Co., Michigan & Holmes av
*†Noelke-Richards Iron Works (Builders Iron Work & Castings), Palmer & J. M. & I R R
*†Nordyke & Marmon Co. (Flour Mill Mach'y, Etc.), 1101 W Morris
†Over, Ewald (Grey Iron Castings), 426 S Penn
*†Parkhurst Bros. & Co. (Elevators & Machinists), 218 Kentucky av
†Peerless Foundry Co. (Castings & Stone Repairs), 710 E Maryland
*§Pioneer Brass Works (Brass Founders. Finishers & Plumbers' Goods), 418 S Penn
*Pneumatic Elevator & Weigher Co. (Grain Weighers, Etc.), 165 E Morris
*Potter Mfg. Co. (Trench Machinery, Etc.), 2010 Northwestern av
*†Potts, C. & A Co. (Clay Mach'y), 816 W Washington av
Rexroth, Louis (Machinist), 144 S Delaware
*†Rockwood Mfg Co. (Founders & Machinists), 1801 English av
*Russell Wind Stacker Co. (Straw Stackers), 1001 Shelby
*†Shirley Radiator & Foundry Co. (Radiators), Indiana Trust bldg
*Simon, Louis P. (Machinist), 371 S Meridian
*†Sinker-Davis Co. (Engines & Saw Mill Mach'y), 230 S Missouri
*Standard Dry Kiln Co. (Dry Kilns, Etc.), 629 S Penn
*Star Machine Works (Machinists), 1012 E Michigan
*Union Embossing Machine Co. (Wood Embossing Machines), 750 E Washington
*†Wagner Plow Co. (Plows, Etc.), Church av & Belt R. R.

JEFFERSONVILLE—*†American Car & Foundry Co. (Car Builders, etc.). (See St. Louis, Mo.)
*†Anderson, Geo. S. & Bro. Co. (Machine Work, Etc.)
†Indiana Mfg. Co. (Hollow Ware, Etc.)

KENDALLVILLE—*†Baker, J. R. & Sons Co. (Specialties)
*†Flint & Walling Mfg. Co. (Windmills, Engines, Pumps, Etc.)

KNIGHTSTOWN—*†Hussey Mower & Implement Co. (Agl. Implts.)
*Parker & Elbertson (Machinists)

KOKOMO—*Apperson, Elmer
†Columbia Pottery Co.
*†Ford & Donnelly (Castings & Jobbing)
*†Globe Stove & Range Co. (Steel Ranges, Etc.)
*†Haynes-Apperson Co. (Automobiles)
§Kokomo Brass Works (See Byrne & Ryan. Chicago)
*Kokomo Fence Machine Co. (Fence)
*Rockford Bit Co. (Bits)
*Standard Motor Co. (Gas Engines & Motors)
*Walton & Macke (Mfrs. Nail Machines)

LAFAYETTE—*†Barbee Wire & Iron Works (Bldrs Iron Work & Castings, Etc.)
*§Duncan Electric Mfg. Co. (Electric Meters)
†McGrath, R. H. (Iron Fdry.)
*Smith & Dienhart (Gas Engines)
*Sterling Electric Co. (Telephone Supplies, etc.)
*†Wallace Foundry & Machine Co. (Engine Bldrs. Castings, Etc.)

LA PORTE—*†Niles & Scott Co. Wheels, Etc.)
*†Rumely, M. Co. (Engines, Threshers, Stackers, Etc.)

LAWRENCEBURG—*†Cook, A. D. (Steam Pumps, Etc.)

LIBERTY—*†Rude Bros. Mfg Co. (Grain & Corn Drills, Cultivators, Etc.)

LOGANSPORT—*†Bridge City Construction Co.
*Dorner Truck & Fdry Co. (Car & Locomotive Axles, Etc.)
*†Dowling, Wm. & Co. (Water Wheels)
*†King Drill Co. (Grain Drills, Etc.)
*McAllister, E. A. (Jobbing, Etc.)
*†Western Motor Co. (Gas Motors, Etc.)

MADISON—*†Johnson Fdry & Machine Works
*Madison Machine Co. (Machinists)
*†Madison Machine Co. (Machinists)
*†Madison Stove Co. (Stoves)

MARION—*†Gemmer Engine Co. (Gas Engines)
*†Gillespie, L. W. & Co. (Castings & Parts for Dynamos, etc.)
*†Home Pride Range Co.
*†Hulley, Jos.
†Marion Grey Iron Fdy Co. (Grey Iron Castings, Etc.)
*†Marion Iron & Brass Bed Co.
*†Marion Machine Fdy & Supply Co.
†Marion Malleable Iron Works
*†Marion Stove Co. (Stoves)
*†National Sweeper Co.

MATTHEWS—†Matthews Steel Casting Co.

MICHIGAN CITY—*Eichstaldt, Roman (Machinist)
*†Haskell & Barker Car Co. (Car Bldrs)
*†Hillstrom Machine Co. (Machinists)

MISHAWAKA—*†Dodge Mfg Co. (Power Transmitting Mach'y)
*Landgraf Bros. (Machinists)
*†Perkins Windmill Co.

MONTEZUMA—*Montezuma Machine Works (Machinists)

MONTPELIER—*Bessemer Machine Co. (Machinists)
§Montpelier Cap & Metal Works
†National Steel Casting Co. (Open Hearth Steel Castings)

MT. VERNON—*†Keck, Gonnerman Co. (Iron Fdrs, Threshers, Etc.)

MUNCIE—*†American Lawn Mower Co. (Mowers & Castings)
*Carpenter, Albert (Machinist)
*†Muncie Fdy & Machine Co. (Gas House Mach'y, Castings, Etc.)
*Muncie Ga sEngine & Supply Co. (Gas Engines & Oil & Gas Well Supplies
†Murphy, Patrick (Castings)
*Warner Electric Co. (Electrical Specialties)
†Whitely Malleable Castings Co.
†Whiteley Steel Co. (Steel Castings)

NEW ALBANY—†Gardner, S. J.
*†Hegewald, Chas. Co.
*†Hickson Mfg. Co.
*†New Albany Mfg. Co. (Stone Working Machy)
Todd Mfg. Co. (Machinery, etc.)

NEW CASTLE—*†Anchor Stove & Range Co. Stoves, etc.)
*†Gohmann Bros. & Kahler Co. (Stoves, etc.)
*Hoosier Mfg. Co. (Grain, Separators, etc.)
†New Castle Foundry Co. (Iron Fdrs, Grey Iron Castings)
*New Castle Machine Works (Machinists)
*Shopp, W. A. & Co. (Machinists)

NEW MT. PLEASANT—Steed Bros.

NORTH MANCHESTER—*†Manchester Mfg. Co. (Boiler Cleaners)
*†Miller, Jesse E. (Pumps, etc.)

NORTH VERNON—*Hallawell, Jas. (Machinist)
*†Hicks, Harry (Machinist & Fdry.)

OSGOOD—*†King, H. P. (Machinist)

PERRYVILLE—†Cummingore, H. S. & Son

PERU—†Moseley, Orlando
*Peru Electric Mfg Co. (Elec. Specialties)
†Peru Steel Casting Co.
†Spaulding, Wm. & Son
*Spring Grain Drill Mfg Co. (Grain Drills, Etc.)

PETERSBURG—*Williams & Tislow (Machinists)

PLYMOUTH—*†Anderson, Isaac
*†Clizbe Bros. Mfg. Co. (Grinding Machines & Gasoline Engines)
*Keller & Jeffers (Machinsts)

PORTLAND—*Moffit, A. R. (Machinist)
†Sees, H. W. & Co. (Fdrs.)

PRINCETON—*†Maddocks & Herschell (Fine Welding Machinery)

RED KEY—*†Runyen Jas & Sons (Machinery)

RICHMOND—*†American Seeding Machine Co. (Agl. Implt.)
*§Chandelier & Art Brass Works
*Dille & McGuire Mfg. Co. (Lawn Mowers)
*Elliott & Reid Co. (Fence Machines, Etc.)
*Evans, Jno A.
*F & N Lawn Mower Co. (Lawn Mowers)
*†Gaar, Scott & Co. (Threshing Mach'y, Traction Engines & Saw Mills, Etc.)
*Kiser, Daniel (Machinist)
*Marlatt, Samuel (Machinist)
*Quaker City Machine Co. (Jno. A. Evans, Propt.) (Ventilating Apparatus, etc.)
*†Richmond City Mill Works (Flour Mill Mach'y)
*†Richmond Indiana Mfg. Co. (Iron & Brass Bedsteads, Carriage Lamps, Etc.)
*†Richmond Machine Works (Engines, Saw Mills, Etc.)
*†Robinson & Co. (Engines, Threshers, Beling Presses, Saw Mills, Etc.)
†*Starr, W .C. & Son
*†Wayne Works (Agrl Implts.)

RISING SUN—*†Clore's, Wm. Sons (Plows, Etc.)

ROCHESTER—†Ross, David S. (Iron Fdry)

ROCKPORT—*†Pfeifer, C. & Sons (Fdry & Mach)
*†Universal Machine Works (Fdry & Mach)

RUSHVILLE—*†Madden & Co. (Iron Fdrs., Tile & Brick Machinery)

SEYMOUR—*†Buhner, R. F. (Machinists & Iron Fdr.)

SHELBYVILLE—*†Shelbyville Fdry. & Mach. Co.(Founders & Machinists)

SHIRLEY—*†Shirley Radiator & Foundry Co. Radiators, etc.)

SOUTH BEND—*†Anderson Chilled Plow Co. (Plow Mfrs)
*†Birdsell Mfg. Co. (Clover Hullers, Straw Stackers, Wagons, etc.)
*†Bissell Chilled Plow Works (Plows, Etc.)
*†Bowsher, N. P. Co. (Fdrs & Machinists)
*†Coquillard Wagon Works (Heavy Wagons, Etc.)
†Green, Horace L. (Iron Fdry)
*Haberle & Graham (Machinists)
*†§Indiana Fdry. & Machine Co. (Iron & Brass Castings & Hdw. Specialties)
*Miller-Knoblock Elec. Mfg Co. (Electrical Mach'y & Specialties)
*†Oliver Chilled Plow Works (Plows, Etc.)
*†Sandage Steel Skein Co.
*†Sibley Machine Tool Co. (Mach. Tools, Power Drills, etc.)
*†Singer Mfg. Co. (Sewing Machines). (See New York City)
*†South Bend Chilled Plow Co. (Plows, Etc.)
†South Bend Foundry Co. (Grey Iron Castings, Stret & Building Castings, etc.)
*†South Bend Iron Bed Co.
*†South Bend Pulley Co. (Cast Iron Pulleys)
*†§Studebaker Bros. Mfg. Co. (Wagons, Carts, Automobiles, etc.)
*Westervelt, Herbert E. (Paper Bag Mach'y)

SULLIVAN—*Buettner & Shelbourne Mach'y Co.

TERRA HAUTE—*†American Car & Foundry Co. (See St. Louis, Mo.
†Cooper, B. H.
*Crown Machine Works (Inc.) (Cotter Pins, etc.)
§Denning, J. P. (Brass Fdry.)
*†Eagle Iron Works Co.
†Gartland Gray Iron Works (Gray Iron Castings, etc.)
*Hazledine, Edw T. (Machinist)
*Kester Electric Co. (Electric Motors)
*O'Neil & Son (Machinists)
*†Prox & Brinkman Mfg Co.
†Springer, A. H. & Co. (Iron Foundry)
*Standard Wheel Co. (Bicycles)
*§Terra Haute Bronze & Brass Co.
†United States Scale Co.

UNION CITY—*Backstay Machine & Leather Co. (Machinists)
*Smith Bros. (Machinists)

UPLAND—*Safe Glass Co. (Cannin Machy.)

VALPARAISO—*†Beach, M. J. (Pumps, etc.)
*†Patrick, J. H. & Son

VAN BUREN—*Van Buren Machine Co.

VERNON—*Reed & Rogers Mfg. Co. (Harrows & Rakes, etc.)

VINCENNES—†Central Foundry Co. (See New York City)
*†Hartman Mfg. Co. (Agl. Implts., Cultivators, etc.)
*†Recker, G. R. (Machinist & Iron Fdry.)
*†Star Shovel & Range Co. (Stoves, etc.)

WABASH—*†Lawton Mfg. Co.
*Standard Cash Register Co.

WARREN—*Warren Machine Co. (Machinists & Tools)

WARSAW—*Rouch, Henry (Machinist)
*†Werntz, O. W. (Fdry., etc.)

WASHINGTON—†Cole, W. E. (Fdry.)
*†Denver, Frank
*†Hatfield & Palmer Co. (Agl. Implts., etc.)

WATERLOO—*†Boozer & Gotshall Machy. Co. (Machinists)
WINCHESTER—*Carver, Edwin (Machinist)
*Fitzmaurice, Wm. (Machinist)
WOLCOTTVILLE—*†Morel, J. L. & Co.

INDIAN TERRITORY

COAL GATE—†Pounder, H. (Fdry.)
DURANT—*†Durant Fdry. & Machine Works
SOUTH McALESTER—*†Union Iron Works (Inc.) (Machinists)
*†Union Iron Works (Inc.) (Machinists)

IOWA.

AMES—†Roberson, Geo.
ANAMOSA—†Griffith, Jno. C.
ATLANTIC—†Atlantic Iron Works
AVOCA—†Jacobs Bros.
BELLE PLAINE—†Palmer Bros. (Fdry.)
BELLEVUE—*Brandt, J. M. (Gasoline Engines)
BOONE—†Sample, J. F. (Fdry.)
BRITT—†Interstate Drainage & Investment Co.
BURLINGTON—Champion Funding & Foundry Co.
*†Murray Iron Works Co. (Corliss Engines, Ice & Refrigerating Machy., etc.)
CEDAR FALLS—*†Clay, Christie, Co. (Gasoline Engines & Castings)
*Monarch Self-Feeder Co. (Straw Stackers, etc.)
CEDAR RAPIDS—*†Carmody, J. T. (Iron Fdy.)
*†Cedar Rapids Foundry & Mach. Co.
*†Cedar Rapids Pump Co. (Iron Pumps, etc.)
*†Chandler Pump Co. (Iron Pumps, etc.)
*§Dearborn Brass Co. (Brass Founders' & Finishers' Plumbing Goods, etc.)
Economy Furnace Co.
*Fawcett, C. E. (Machinists)
†Iowa Gate Co.
*†Iowa Windmill & Pump Co.
*†Monarch Self-Feeder Co. (Feeders & Stackers)
*Rabus & Toeller (Machinists)
*Schmidt, Geo. R. (Machinist)
*†Stary, F. (Iron Fdry)
CENTREVILLE—†Goss, Jos. & Son
†Kirchman. Wm. Foundry)
CHARLES CITY—*†Hart-Parr Co. (Traction, Stationary & Portable Gasoline Engines)
†Moss, W. E. (Iron Fdry.)
CLINTON—*†Clinton Bridge & Iron Works
*†Clinton Novelty Iron Works
*†Fish Bros. Mfg. Co. (Wagons, etc.)
COUNCIL BLUFFS—*†Kimball Bros. Co. (Elevator Scales)
*†Novelty Mfg. Co.
CRESCO—*†Caward, R. S. (Grubbing Machines & Plows)
†Swenson, Fred (Iron Fdrs.)
CRESTON—*Arnold, E. D. (Machinist)
DAVENPORT—*†Bettendorf Metal Wheel Co.
*†Davenport Foundry & Machine Co. (Rolling Mill & Sugar Mach'y, etc.)
*Quirk, P. D. (Machinist)
†Red Jacket Mfg. Co. (Pumps, etc.)
*†Wahle Fdry. & Machine Works
*Whitehead Machinery Co.
DECORAH—*Johnson, Peter & Son (Machinists)
DES MOINES—*†American Iron Works
*†Beckman Bros. (Pumps, Windmills, Scales, etc.)
*†Dempster Mfg. Co. (Pumps, Windmills, etc.)
*†Des Moines Bridge & Iron Works
*†Des Moines Mfg. & Supply Co. (Brick, Flour Mill, Grain Elevator, Mining, Stucco & Saw Mill)
*Des Moines Scale & Mfg. Co.
*Dodd & Struthers (Static Electric, etc.)
*†Eagle Iron Works (Brick, Mach'y, etc.)
*Eldridge, Geo. G. (Machinist)
*Globe Machinery & Supply Co. (Mill Machinery & Furnishings, etc.)
*†Green Fdry. & Furnace Works (Iron Founders, etc.)
*Hoopes Bros. (Machinists)
*Jewett Typewriter Co. (Typewriters)
*†Keith Furnace Co.
†Parington Mfg. Co.
*†Spieth, Gottleib F. (Plows, etc.)
*†Turner & Brownlie (Machinists & Frs.)
*†Viggers, Wm. (Steam Pumps & Castings)
†Western White Bronze Co.
*†Wood Bros. Steel Self-Feeder Co. (Cultivators, etc.)
DUBUQUE—*†Adams Co. (Machine Tools, Founders, etc.)
*†Cooper, A. A. Wagon & Buggy Co. (Plows, Cultivators, etc.)
*Davis, G. E. (Drop Hammers, etc.)
*†Iowa Iron Works Co. (Founders, etc.)
*†§McDonald, A. Y. & Morrison Mfg. Co. (Pumps, Brass Goods & Iron & Brass Founders)
*Ragatz, Geo. & Son (Machinists)
*Scheppele, Chas. A. (Machinist)
*Schreiber, Conchar & Westphall Co. (Hdw. Specialties, etc.)
*†Smedley Steam Pump Co. (Steam Pumps, etc.)
*†Vogenthaler, E. J. & Co. (Casting & Bldrs.' Iron Work, etc.)
*Zebetner, Frank (Machinist)
ELDORA—*†Brown Bros. Fdy. & Mach. Co.
*Edick, C. S. (Machinist)
FAIRFIELD—*†Louden Machinery Co. (Haying Tools, etc.)
†Iowa Malleable Iron Co.
FORT DODGE—†Fackler & McMullin (Fdrs.)
FORT MADISON—*†Fort Madison Fdry. & Mfg. Co.
*Iowa Farming Tool Co. (Haying Tools, etc.)
*†Morrison Mfg. Co. (Plows, Cultivators, Harrows, etc.)
GRINNELL—*†Koch Mfg. Co. (Blacksmiths' Tools, etc.)
HUMESTON—*†Humeston Mfg. Co. (Gas Plants, etc.)
INDEPENDENCE—*†Iowa Mfg. Co. (Feed
†Jones & Hovey Co. Powers, etc.)
IOWA CITY—*Kelly, O. S. Western Mfg. Co. (Threshers, Feed Mills, etc.)
*Schmidt, G. W. (Machinist)
†Tullos, I. E. (Fdry.)
IOWA FALLS—*†Gade-Hardenbrook Co. (Gasoline Engines)
KENSETT—*Locke, C. E. Mfg. Co. (Adding Machines)
KEOKUK—*†American Stove & Range Co. (Stoves)
†Decker Mfg. Co. (Hog Rings, Curry Combs, etc.)
*Garton-Daniels Co. (Elec. Specialties)
*†§Kollmyer & Talbot (Machinists & Fdrs.)
*†McElroy Iron Works Co.
§Ribyn. M. J. &Son (Brass Fdrs.)
*†Scott Mfg. Co. (Brick Presses, Castings, etc.)
*†Yager Bros. (Fdrs. & Mach.)
LAKE MILLS—*Giving, J. B.
Opdahl, Jno. O.
LAMA—*†Hawkeye Mfg. Co.
LONE TREE—*†Monarch Grubber Co. (Stump Pullers, Feed Mills & Wagon Scales)
LYONS—*†Pelton, T. C. & Son (Gasoline Engines)
*†U. S. Steel Lock Co.
MADRID—*†Norris Scale Co.
MARSHALLTOWN—*Fisher Governor Co. (Gas & Water Tapping Machines, Pump Governors, etc.)
*†Lennox Machine Co. (Gas & Water Tapping Machines & Gasoline Engines, etc.)
*†Shorthill, A. E. Co. (Iron Fdrs & Bldrs Iron Work, etc.)
MASON CITY—*Beecher, A. H. (Machinist)
*†Hathorn Fdy & Mach Co (Brick Cars, Grate Bars, Castings, etc.)
MONONA—†Weigand, C. H.
MONTICELLO—†Page, D. & Son (Iron Fdrs.)
MUSCATINE—*†Barry Mfg. Co. (Button Machinery)
*†Giesler & Co. (Malleable Iron Wagon Brakes, etc.)
*Miler, J. W. (Machinist)
*†Niver Iron Works Co. (Grey Iron Castings, Building Fronts, Machine Castings, etc.)
NEWTON—*†Parsons Hawkeye Mfg. Co. (Gasoline Engines & Self-Feeders, etc.)
*†Parson's Band Cutter & Self-Feeder Co.
†Skow Bros.
OELWEIN—*†Oelwein Fdry. & Mach. Co.
OSKALOOSA—*†Ideal Heating Co. (Heating Apparatus, etc.)
*†Iowa Mfg. Co. Heating Apparatus & Plumbers' Supplies)
*†Seivers Mfg. Co. (Bridge Contractors)
OTTUMWA—*†Dain Mfg. Co. (Hay Loader, Haying Tools, etc.)
*†Fair-Williams Bridge & Mfg. Co.
*Hardsocg Mfg. Co.(Coal Drills, etc.)
*†Janney Mfg. Co. (Corn Planters, Feed Mills, etc.)
*Johnston & Sharp Mfg. Co. (Ball Bearing Sash Pulleys & Hdw. Specialties, etc.)
*†McCarroll, Chas. T. (Stoves, etc.)
*†Ottumwa Box Car Loader Co. (Car Loaders)
*†Ottumwa Iron Works (Mining)
PELLA—*†Buerkens Mfg. Co. (Wagons, etc.)
PRAIRIE CITY—*†Dowden Mfg. Co. (Potato Harvesting Machy.)
RED OAK—†Kerrihard Co.
SAC CITY—*†Martin, G. A. &Son
SHENANDOAH — *†Swanson, T. Mfg. Co. Cultivators, Agl. Implts., etc.)
†Smith, Benjamin
SIOUX CITY—*Central Machine Shops
*Herman & Savage (Machinists)
*†Sioux City Fdry. & Mfg. Co.
Sioux City Plow Co. (Plows)
WATERLOO—*†Cascade Mfg. Co.
†Goodman, W. A.
†Headford Bros. & Hutchins Fdry. Co. (Iron Fdrs.)
*†Iowa Grinder & Steamer Works
*†Kelly & Taneyhill Co. (Iron Fdrs. & Well Drilling Machinery)
*†Kemp, J. S. Mfg. Co. (Manure Spreaders)
*†Litchfield Mfg. Co. (Farm Machinery)
*†Waterloo Motor Works (Gasoline Englnes & Automobile Mfrs.)
*Waterloo Threshing Machine Co. (Threshing Machy., etc.)
WEBSTER CITY—*†Webster City Steel Radiator Co.

KANSAS.

ABILENE—Shockey & Landis (Threshers & Implts.)
ATCHISON—*†Seaton Fdry. & Mach. Co.
*†Thayer, W. H.
BURLINGTON—†Reams, G. W. & Sons
CHERRYVILLE—*†Cherryville Iron Works
COFFEYVILLE—†Swiesker Bros.
ELF FALLS—*†Johnson Printing Press & Fdry. Co.
EMPORIA—†Jones, Jos. C. & Sons
ENTERPRISE — *†Barnard Machinery Co. (Flour Mill Machy.)
*†Ehrsam, J. B. & Sons Mfg. Co. (Cement, Flour Mill, Grain & Elevator, Stucco, etc.)
FORT SCOTT—*†Fort Scott Mfg. Co. (Feed
†Kite, M. T. Mills)
FREDONIA—*†Belt, P. P.
GIRARD—†Hitz, C.
HAYS—†Goodall, J. W.
JUNCTION CITY—†Pierce & Ziegler
KANSAS CITY—†Armourdale Foundry Co. (Iron Fdrs.)
*†Eagle Mfg. Co. (Implements)
*§National Brass Mfg. Co. (Brass Fdrs. & Finishers)
*†Riverside Iron Works Co. (Engines, Machinery & Castings)
*†Strait, H. N. Mfg. Co. (Scales, Hay Presses, etc.) (See Kansas City, Mo.
†West Side Foundry Co. (Iron Fdrs.)
LEAVENWORTH—*†Fisher Machine Works Co.
*†Great Western Mfg. Co. (Grain Elevator & Flour Mill Machy., etc.)
*†Great Western Stove Co. (Stoves)
*Hesse, W. G. & Son Mfg. Co. (Wagons, Hdw., etc.)
*†Tholen Bros. (Machinists & Fdrs.).
MANHATTAN—†Blue Valley Mfg. Co. (Agl. Implts.)
*†State Agicultural College
MARYSVILLE—*†Heinke, Fred (Machinist & Implts.)
OTTAWA—†Ottawa Foundry Co.
SALINA—*Salina Roll Corrugating Machine Co.
TOPEKA—†Capitol Iron Works Co.
*†Cofran, R. L. (Machinist & Fdry.)
†Millice & Holcomb
*Overton Mfg. & Engineering Co. (Elec. Machy., etc.)
WICHITA—*Brooks Tire Machine Co. (Mchsts.)
*†Moore Bros. (Iron Fdrs. & Stoves)
*Peerless Machine & Supply Co.
*†Southwestern Pump Co.
*†Watershied Bros. (Fdrs. & Machinists)
*†Wichita Bridge & Iron Co.

KENTUCKY

ASHLAND—*†Ashland Foundry & Machine Works
*†Ashland Iron & Mining Co.
*†Ashland Steel Co.
*†Norton Iron Works
*†Roberts, E. M. Co.
AUGUSTA—*†Augusta Stove & Range Foundry (See E. H. Huenefeld, Cincinnatl, O.)
BOWLING GREEN—*†Bowling Green Machine Co.
CATLETTSBURG—*†Wellman, H. P. Mfg. Co. Machinists & Fdrs.)

COVINGTON—*†Dean-Waterman Co.
*†Dean-Waterman Co
*†Germania Supply Co.
*Hollingsworth, W. T. (Maehine Tools, etc.)
*†Houston, Stanwood & Gamble Co. (Steam Engines)
*†Insuranee Stove, Range & Foundry Co.
*Sebastian Lathe Co. (Machine Tools)
†Star Foundry Co. (Stoves)
†Western Foundry Co.
EARLINGTON—*Earlington Iron Works
FULTON—†Webb, C. E. (Iron Fdry.)
HENDERSON—*†Delvan, Geo. H. (Maehinist)
*†Frayser Mfg. Co. (Fdrs. & Maehinists)
HICKMAN—*Buck, G. C. (Maehinist)
HOPKINSVILLE—*†Metealf & MeGrew (Machinists)
LEXINGTON—†American Metallic Paeking Co.
*†Lexington Engine & Saw Mill Works
*Timmons, Jos. (Maehinist)
§Tweedie, A. J. (Brass Fdry.)
LOUISVILLE—*†§Ahrens & Ott Mfg. Co. Steam & Plumbing Goods & Iron & Brass Fdrs.)
§Ameriean Brass Foundry (Brass Fdrs.)
*American Machine Co. (Machinists)
*†American Seeding Machine Co. (Agrl. Implements). (See Springfield, O.
*†Avery, B. F. & Sons (Agrl Implts., Plows, ete.)
*†Bridgeford & Co. (Stoves)
*†Brinly-Hardy Co. (Agl. Implts., Plows, ete.)
*†**CALDWELL, W. E. CO. (Machinery & Fdrs.).** (See adv. index, end of book)
*Clark, Jas., Jr. & Co. (Elee. Machy., etc.)
*Clark, Wm. K. & Co. (Machinists)
†Dow Wire Works Co.
*†Drummond Mfg. Co.
*Geiger, Fiske & Koop Co. (Maehinists)
*Gerdung, Geo. (Machinist)
*†Graf-Webb Iron Mfg. Co. (Stoves)
*†Grainger & Co. (Iron Fdy.)
*§Haight & Co. (Brass Fdrs., Finishers & Platers)
*†§Howe Mfg. Co. (Valves & Brass Fdrs., ete.)
§Jones, Arthur (Brass Fdry.)
*Kentueky Gear & Maehine Co. (Gear Cutting Machines, etc.)
*Kentueky Scales Co. (Scales, etc.)
*†Kentueky Stove Co. (Stoves)
*Louisville Bolt & Iron Co.
*Louisville Bridge & Iron Co.
*†Louisville Car Wheel & Railway Supply Co.
*†Louisville Tin & Stove Co (Stoves)
*†MeHenry Mfg. & Maehine Co.
*Moran Flexible Joint Co.
*†National Foundry & Maehine Co (Steam Pumps, Condensors, etc.)
*†O K Stove & Range Co (Stoves)
*†§Peerless Mfg. Co. (Iron & Brass Fdrs., Grates & Iron & Brass Goods)
*†Snead Archl. Iron Works (Iron Fdrs. & Bldrs Iron Work)
*†§Stege, E. A. Mfg. Co. (Brass Fdrs. & Finishers & Platers)
†Stiglitz Chas G & Sons (Iron Fdrs)
†United States Cast Iron Pipe Fdry. Co. (See New York City)
*†Vogt, Henry Machine Co. (Iee & Refrigerating Machy, etc.)
MADISONVILLE—*†Holland Ross Maehinery Co. (Maehinists & Fdrs.)
MAYFIELD—*†Mayfield Foundry & Machine Works
MAYSVILLE—*†Hall, Jas. H. Plow Co. (Plows etc.)
*†Maysville Fdy. & Machine Co.
NEWPORT—*Buecker, Henry
*Crawley E Sr & Co (Book Binders' Machy)
*†§Newport Iron & Brass Fdy. Co. (Iron & Brass Fdrs.)
*Roettinger & Son (Mehsts)
OWENSBORO—*†Guenther-Wright Machine Co. Ine. (Machinists & Fdrs.)
*Hill Wagon & Maehine Works
*Kentucky Electrical Co (Dynamos & Motors)
*†Lees Machine Works (Machinery)
†Southern Foundry Co. (Castings & Bldrs.' Iron Work, etc.)
PADUCAH—*†Jaekson Fdy & Maehine Co (Iron Fdrs & Machsts)
*†Shelton Bros. (Iron Fdry. & Machinists)
SHELBYVILLE—*Wayne & Crapster (Maehinists)
UNIONTOWN—*Uniontown Machine Works (Machinists)

LOUISIANA.

ALEXANDRIA—*†Alexandria Iron Works
BERWICK—†Watkins, Chas. & Bro.
CROWLEY—*†Acadia Iron Works (Ltd.)
*†Champion Iron Works Co. (Fdrs. & Machinists)
DONALDSONVILLE—†Allen, F. H.
*†Donaldsonville Iron Works
HAMMOND—*§Way, M. F. & Co.
JEANERETTE—†Moresi, Antoine (Iron Fdry., etc.)
JENNINGS—*†Heywood Bros. & Dobbins Iron Works
*Louisiana Machine & Well Works Co.
LAKE CHARLES—*Calcasieu Iron Works & Mill Supply Co.
*†Reiser C. (Est. of) (Fdy. & Maehinist)
LAKE PROVIDENCE—*†Richards Mfg. Co.
MINDEN—*†Robinson, J. M.
MONROE—*†§Sanders, J. G. (Iron & Brass Fdy. & Maehinists)
MORGAN CITY—*†Brown & Johnston Mfg. Co.
NEW IBERIA—*†Simon, Geo. (Fdy. & Maehinist)
*Wyche, J. W. Machinery Co. (Machinists & Maehy.)
NEW ORLEANS—*†Bancroft, Ross & Sinelair (Fdrs. & Maehinists)
*Bedell, Chas.
*Blaekadder, Jno. B. (Machinist)
*Boland & Gesehwind Co. (Ltd.) (Rice & Sugar Maehinery)
*Buchel Machine Works (Special Machinery)
*Burt, C. S. Co. (Sugar Machinery)
*†Connell, J. D. Iron Works (Iron Fdy., etc.)
*†§Hanna & Kalmbaeh (Iron & Brass Beds)
*§Haubtman & Loeb Co. (Brass Fdrs. ete.)
*Johnson Iron Works
*†Kelly, Jas. (Fdy. & Maehinist)
†Killeen's Foundry & Iron Works (Iron Fdy.)
*§Koertke, F. H. Brass Mfg. Co. (Brass Fdrs. & Finishers)
*Kron, Geo. F. & Bro. (Machinists, etc.)
*Lee, Robert E. (Machinist)
§Moore's Brass Foundry (Brass Fdy.)
*†Murphy, Jnó. H. (Sugar Maehinery & Castings)
*†Payne & Joubert (Sugar Maehinery, ete.)
†Sehwartz Foundry Co (Ltd.) (Iron Fdrs.)
*Simonds Mfg. Co. (Maehinery, ete.)
*†Standard Pulley Mfg. Co.
†Sutton, Jos. & Son (Iron Fdrs., etc.)
*†§Swoop, Julian M. (Iron & Brass Fdry.)
*†Whitney Iron Work Co. (Fdrs. & Machinists, Sugar Maehy, etc.)
SHREVEPORT—*†Henderson, W. K. Iron Works & Supply Co. (Saw Mill Machy., Castings, etc.)
PLAQUEMINE—†Nadler, Henry
SHREVEPORT—*†Henderson, W. K. Iron Works & Supply Co. (Saw Mill Maehinery. Castings, etc.)
*Means, J. L. Maehinery Co. (Gins, etc.)
†White Benj S (Iron Fdry)
THIBODAUX—†Jeffries Thos & Bro (Iron Fdrs)
†Keefe Lawrence (Iron Fdry)

MAINE

AUGUSTA—*Augusta Maehine Works
*†Edwards Mfg. Co.
*Fifield Bros
BANGOR—*†Noyes & Nutter Mfg Co (Stoves & Castings)
*†Penobscot Maehinery Co.
*†§Union Iron Works (Iron & Brass Fdrs. & Paper & Pulp Mill & Wood Working. etc.)
*†Wood & Bishop Co (Stoves, etc)
BATH—*†§Bath Iron Works (Ship Builders & Marine Engines & Iron & Brass Fdrs.)
*†Hyde Windlass Co (Windlasses, ete)
*†§Torrey Roller Bushing Works (Iron & Brass Fdrs. & Finishers, etc.)
*§Watson, Frye Foundry (Brass Founders & Finishers)
BELFAST—*†Duplex Roller Bushing Co.
BERWICK—*Brackett & Shaw (Gasoline Engines)
BIDDEFORD—*†Saeo & Pettee Machine Shops (Cotton Maehy). See Newton Upper Falls, Mass.
BRIDGTON—*†Bridgton Maehine Co. (Maehinists)
*Halkett J. H. (Maehinist)
BRUNSWICK—*Baxter, H. C. & Bro. (Machst)
†Goddard Silas & Son (Plows, etc)
*Whitney R S (Machst)
BUCKFIELD—*Damon Arlington (Machst)
CALAIS—*Elliott Geo E (Maehst)
†McCullough & Tait (Fdry)
CAMDEN—*Barstow Chas M (Machst)
*Howe W C (Machst)
*†§Knowlton Bros. (Brass & Iron Fdrs. & Maehinists)
DEXTER—*†§Fay & Scott (Machine Tools & Iron & Brass Fdrs.)
ELLSWORTH—*†Ellsworth Fdry & Machine Co
FARMINGTON—†Holley J P (Plows, etc)
*Spinney, Herbert I. (Machst)
GARDINER—*Holmes, P. C. Co.
*†Robbin's, Chas A. Son
HALLOWELL—*†§Fuller's, Geo. Sons (Brass & Iron Fdrs. & Maehinists, Engines, ete.)
*North Wayne Tool Co (Scythes, Axes & Tools, etc)
HARRISON—*†Ricker, T. H. & Sons (Wood Working Machy)
HOLLIS CENTER—*Colclough C A (Machst)
HOULTON—*Davis Isaac H (Maehst)
*†Houlton Fdry & Machine Co (Fdrs & Machsts)
KENNEBUNK—*Hartwell, N. W. (Machst)
†Varnay Geo (Iron Fdry)
LEWISTON—*†§Carman-Thompson Co.
†Maxwell Chas P (Iron Fdry)
*Rand & Harvey (Machsts)
LIBERTY—†Allen & Palmer (Iron Fdy)
LIVERMORE FALLS—*Allen, Albert (Machst)
*†Reeord Fdry & Machine Co.
MACHIAS—*†Sargent, Stone & Co. (Machinists)
MECHANIC FALLS—*†§Penney, J. W. & Sons Co. (Steam Engines & Iron & Brass Fdrs, etc.)
MILLTOWN—*MeDonald, Wm & Son (Machsts)
NORTH BERWICK—*†Hussey Plow Co.
NUMBER ONE—*Johnson, C. M. (Machst)
OAKLAND—*Dunn Edge Tool Co. (Axes, etc.)
*Emerson-Stevens Mfg. Co. (Axes, Seythes, etc.)
OLD TOWN—*†Chapman, T. M. Sons Co. (Wood Working Machy, etc.)
PORTLAND—*§Adde & Co. (Maehinists & Brass Fdrs)
*†§Babbitt, Chas. E. (Brass & Iron Fdrs & all Kinds of Copper Work)
*Babeock. Chas. P. (Machst)
*Barbour, J. & E. R., 8 Exehange
*Cobb, E. M. & Co. (Dies & General Machine Work)
*Conant, R. O. Co. (Canning Maehy, etc.)
*Dunn, M. E. (Maehst)
*Dunton-Chenery Co.
†Fleteher & Crowell Co. (Iron Fdrs & Bldrs Iron Work)
*Hayes Tool Co.
*§Knight Bros.
*†§Laughlin, Thos. Co (Marine Hdw, Iron, Brass & Bronze Castings)
*Lidback, Jno. A.
*Maine Eleetric Co. (Elec Motors, etc.)
*†§Megquier & Jones Co. (Bldrs Iron Work & Iron & Brass Fdrs.)
*Mills & Gilmour (Machsts)
*Orr & Jennings (Machsts)
*†§Portland Co. (Steam Engines, Paper & Pulp Maehy & Iron & Brass Fdrs, etc.)
*†Portland Stove Foundry Co. (Stoves, etc.)
*Sehumacher, Gustav W.
*Smith, Arthur N.
*Southworth Bros. (Printers' Machy)
*Stickney, Henry R. (Machst)
*Wallace, Frank
*Winslow, Daniel & Son (Machsts)
ROCKLAND—*†Camden Anchor Rockland Maehine Co.
*†§Torrey, Jos. G. & Son (Brass Fdrs. & Finishers)
SACO—*Gilman, A. H. (Mehst.)
SKOWHEGAN—*Allen, M. J. (Millwright, ete.)
*†Hackett & Witham (Machsts. & Fdrs.)
SOUTH BRIDGTON—*Berry A C Jr (Millwright, etc)
SOUTH PARIS—†Merrill, Freeman C.
WATERVILLE—*Claflin M T (Mchst)
*Lombard A O (Mchst)
*†Noyes Stove Co. (Stoves)
*†Webber & Philbrick (Wood Barking Machy & Iron Fdrs)
WESTBROOK—*†Foster & Brown Co. (Mchsts.)
†Jordan, Rufus K. (Iron Fdry.)
*Knowlton Jno J (Mchst)
WEST GARLAND—*Gordon H L (Mchst)

MARYLAND.

BALTIMORE—*Adt Jno B (Brewers & Malsters, Tobaeco Machy, etc.), 332 N Halliday
*†Atlantic Iron Works, 18 N High
*Aumen Machinery & Supply Co., 211 North
*Baltimore Arms Co (Hammerless Guns, etc.), 1300 S Sharp
*†Baltimore Car Wheel Co (Eleetrie Car Trucks & Wheels), Payson & Patterson
*Baltimore Machine & Elevator Works (Elevators, etc), 605 Water
†Baltimore Malleable Iron & Steel Casting Co, Charles & Wells

*†Bartlett, Hayward & Co (Sugar Machy), Scott & McHenry
Basshor, Thos. C. Co., 220 W Pratt
*§Boehm, H. E. & Co. (Brass Fdrs.), 207 North
*†Bibb, B. C. Stove Co. (Stoves, etc.)
*Burt Machine Co. (Labelling Machines, etc.). 226 N Holliday
†Carr Stuart R & Co (Iron Fdrs), Essex & Montford av
†Central Foundry Co., McShane Plant & Dundalk. (See New York)
†Chesapeake Iron Works (Builders Iron Work & Castings), Severn & Bayard
*§Coale Brass Mfg. Co. (Muffler Valves & Brass Fdrs., etc.), 1325 Guilford av
*†Codd, E. J. & Co. (Eng. & Machinist), 700 Caroline
*Coleman Jno T, 407 E Saratoga
*Cottingham, Harrison & Co (Canning Machy), 15 Postoffice av
*Cuyler & Mohler, 611 William
*†Detrick & Harvey Machine Co (Machine Tools, etc), 508 E Preston
†De Ved & Sons (Builders' Castings), 813 S Howard
†Dietrich Bros Iron & Bolt Works, 344 North
*Dix Mfg Co (Door Hangers & Hdw Specialties), Holliday & Hillen
*Ellerbrock & Hunter (Eng. & Machinists), 507 W Pratt
*Ellicott Machine Co. (Elevators, Cranes, etc.), Bush & Severn
*Fadum, Fred'k (Machinist), 408 W German
§Farrell, Edw. P. (Brass Fdry), 1412 Philpot
*†Flynn & Emrich Co. (Iron Fdrs. & Machinists), 301 N Halliday
*Frank, E. T. & Son (Ice & Refrigerating Mach'y, etc.), 426 W Pratt
*Friedenwald Bros. (Machinists), 216 N Holliday
*Friez, Julien P. (Elec. & Meteorological Insts., etc.), 1230 E Balto
*§Gibson & Kirk (Brass Fdrs., etc.), 45 Cheapside
*§Gisriel, Wm. & Son (Brass Fdrs. & Metal Goods), 1527 Guilford av
*†Greenmount Iron & Mfg. Co., 883 Greenmount av
*Hollingsworth, Wm. (Machinist), 227 N Holliday
*Hooper, F. X. (Wood Printing Machines). Continental Trust bldg
*†Hutchinson Bros. (Stoves, Furnaces, etc.)
†Jones Hollow Ware Co. (Hollowware)
*Kelley, John F. (Machinist), 121 Mercer
*Kemp, C. M. Mfg. Co. (Gas Machines, etc.), 1501 Guilford av
*Kennedy, Patricks
*§Kirk, R. F. Jr., Co. (Machinists, Brass Fdrs. & Hdw., etc.), 210 Patterson
†Krug, Gustav & Son (Bldrs.' Iron Work), 415 W Saratoga
*†Lacy, Jas. J. & Co., 1401 Block
*†Larrabee, H. C. & Co. (Iron Fdrs., etc.), 723 S Caroline
*Lawlor, Jno. M. (Machinist, Dies, etc.), 209 S Sharp
†Levering Bros. (Sash Weights)
§Liberty Brass Works (Brass Fdrs.), 305 W Lomabrd
*†Lorraine Foundry Co. (Gray Iron & Soft Castings, Builders' Castings, etc.), Bush & Wicomics
*McIntyre & Henderson (Ship Builders, etc.), ft E Montgomery
*†§McShane, Henry Mfg. Co. (Steam & Plumbing Specialties & Bell Founders), 441 North
*MacRae, Hector C. (Electrical Storage Batteries, etc.), 316 St. Paul
*Marquette, Jno. N. (Fertilizer, Mach'y, etc.), 118 W Falls av
*†Maryland Car Wheel Works (Car Wheels, etc.), 44 South
*†§Maryland Foundry & Machine Co. (Iron & Brass Fdrs. & Machinists, Elevators, etc.), 156 W West
*†Maryland Steel Co. (Iron & Steel Ship Builders), Sparrows Point
*Mergenthaler, Ott Co. (Machine Tools & Automatic Mach'y, etc.), Claggett & Allen
*Mitchel, Jno. R. (Machinist), 702 S Wash'n
*Murray, Jas. & Son (Clay Tempering & Pulverizing Mach'y, etc.), 102 E York
*Murrill & Keizer Co. (Machinists), 200 N Holliday
*Myer & Moran, 327 N Holliday
*§National Supply Co. (Bolts, Nuts, Rivets, Casters, Brass Fdrs. & Finishers, etc.). 7 W Lombard
Paxson, J. W. Co., 14 Flay
*†Poole Engineering & Machine Co. (Power Transmitting, Rolling Mill Mach'y, etc.), Woodberry Station
*§Regester's, J. Sons Co. (Steam Specialties, Brass Fdrs., etc.), 49 W Holliday
*Renneburg, Edw. & Son (Oyster & Fruit Packing Machines), 1917 Alicenna
*†§Richardson, Edro (Brass & Bell Fdy.), 316 N Holliday
*Roop, W. S., 327 N Calvert
*†Sackett, A. J. (Fertillizer Machy., etc.), 5th av & E 1st
*†Sadtler, J. P. B. & Co. (Heaters & Specialties), 231 Park av
*†Sexton, S. B. Stove & Mfg. Co. (Stoves, etc.), 7 S Gay Calvert
*Shaffer Mfg. Co. (Machinists & Pattern Makers), 211 N Calvert
*†Sheppard, Isaac A. & Co. (Furnaces, Stoves, etc.), Eastern av & Chester. See Phila., Pa.
*Sinclair-Scott Co. (Canning & Agl. Machy & Hdw. Specialties), Wells & Patapsco
*Slaysman & Co. (Machinists), 125 East Falls av
*Sloan, Frank B. & Co. (Sash, Pulleys, & Cabinet Hardware, etc.), 10 S Charles
*†Smyser's, E. G. Sons, 4 Light. (See York, Pa.)
*†§South Baltimore Steel Car & Foundry Co. (Castings of Every Description, Forgings, Freight & Contractors' Cars & Equipments & Iron & Brass Founders & Machinists)
*Spedden Ship Bldg. Co. (Ship Builders), 913 S B'way
*§Standard Mfg. Co. (Brass Fdrs. & Finishers, Plumbers' Brass Goods), 233 E Hamburg
*Starr, B. F. & Co. (Cement, Flour Mill & Rope Transmitting Mach'y), 455 North
*Stebbins, Wallace & Sons, Charles & Lombard
*Stevenson & Co. (Can Makers' Mach'y), 229 N Holliday
*Towson, W. W. & Co., 314 N Holliday
†Universal Seal & Stopper Co. (Bottle Stoppers)
*†Weiskittel, A. & Sons (Stoves & Plumbers' Enameled Iron Ware, etc.). Alicenna & Wash'n
*White & Middleton Gas Engine Co. (Gas Engines), Charles & Winder
*Zastrow, Geo. W. (Machinist), 1408 Thames
*Zies, Chas. N. (Eng. & Machinist), 318 S Fremont av

BUTLER—†Davis, T. W. (Iron Fdry.)
CARDIFF—*Roberts, Richard & Son (Machinists)
CENTERVILLE—*Cook, Jno. R. (Machinist)
CUMBERLAND—*†Cumberland Fdry. & Machine Co.
†Holmes Fdry. & Mach. Works
*†McKaig, Merwin (Iron Fdry. & Machinist)
EASTON—*Peerless Machine Co. (G. W. Wingard, Prop.)
*Withgott, W. H. & Co.
ELKTON—*McQuilkin, Geo. (Machinist)
†Powers, Jas. F. Fdry. Co. (Iron Fdry.)
ELLICOTT CITY—*Potapsco Elec. & Mfg. Co.
EMMITSBURG—†Fraley Bros. (Iron Fdry.)
FREDERICK—*Abbott, Jno. H. (Machinist)
*Gomber, Jno. (Machinist)
*†Montrose Iron Works
HAGERSTOWN—*†Foltz, H. C. (Iron Fdry. & Machinist)
†Hagerstown Foundry Co.
*†Hull, D. F. & Son (Agl. Implts.)
HANCOCK—*†Hancock Fdry. & Machine Works
HURLOCK—*Barber, Henry (Machinist)
JOHNSVILLE—*Devilbiss, D. M. (Machinist)
MANCHESTER—†Shower, Wm. H. (Iron Fdry.)
†Union Mining Co.
PERRYVILLE—*†Armstrong Stove & Mfg. Co. (Stoves)
PORT DEPOSIT—*†Bibb, B. C. Stove Co. See Baltimore, Md.
RANDALLSTOWN—*Clagett, J. A. (Machinist)
ROWLANDSVILLE—*West, Wm. T. & Co. (Machinists)
SAINT MICHAELS—*Lewis, S. F. (Machinist)
SALISBURY—*†Grier, F. A. & Son (Machinists & Fdrs.)
*†Grier, R. D. (Machinist & Fdr.)
*Wrought Iron Range Co.
SOUTH BALTIMORE—(See Baltimore)
SPARROWS POINT—(See Baltimore)
WALKERSVILLE—*Cramer, Wm. A. (Machinist)
WESTERN PORT—†White, P. F. (Iron Fdry.)
WESTMINSTER—*†Haller, L. .A (Machinist & Fdr.)

MASSACHUSETTS.

ABINGTON—*Buffum, H. H. Co.
ADAMS—*†Allen Iron Works (Machinists & Fdrs.)
ARLINGTON—*Birch, A. (Machinist & Machy)
ASSONET—*Davis, N. R. & Sons (Fire Arms, etc.)
ATHOL—*†Athol Machine Co. (Machinists' Fine Tools, etc.)
*Gay & Ward (Gear & Milling Cutters, etc.)
*Gerry, Geo. & Son (Textile Machy)
*Richardson-Oliver Co. (Machinists)
*Starrett, L. S. Co. (Machinists' Fine Tools, etc.)
ATTLEBORO—*Mossberg, Frank Co. (Dies, Punches, Tools & Special Mach'y)
AYER—*Chandler Co. (Machinists & Mach'y)
BALDWINSVILLE—*Taylor, Albert (Machinist)
BARRE—*Blakeley, T. P. (Machinist)
BEVERLY—*Naumkeag Buffing Machine Ass'n
*Scott Leather Machine Co. (Leather Working Mach'y). See New York City
*Smith, Ira A. (Machinist)
*Upton Machine Co. (Automobile Gears, etc.)
BOSTON—*Agnew Auto-Mailing Machine Co. (Mailing Machines), 156 Pearl
*†Allen & Lotts (Brass Specialties to Order), 169 Summer
§American Brass Foundry Co., 31 Milk
*American Soda Fountain Co., 278 Congress
*†§American Steam Gauge & Valve Mfrs. (Gauges, Valves, etc.), 208 Camden
*†§American Tool & Machine Co. (Centrifugals, Brass Workers' Lathes, Brass & Iron Castings ,etc.), 109 Beach
*American Warp Drawing Machine Co., 289 A
*†Ames Plow Co. (Agl. Implts. & Machines), Quincy Hall
*§Anderson, Albert & J. M. Mfg. Co. (Electric Ry. Light & Power Mach'y & Brass Fdrs., etc.), 289 A
*Anderson, Gustaf (Machinist), 19 Decatur
*Anthony, Benj. F. & Son (Machinists), 162 Ruggles
*Armstrong, F .A. W. Co., 358 Atlantic av
*§Ashton Valve Co. (Valves, Gauges, etc., & Brass Fdrs.), 271 Franklin
*†Atlantic Works (Ship Engine Builders), 72 Border, E. B.
*Barlow, T. L. (Brass Finishers), 40 Sudbury
*Barr, Jno. A. & Co. (Machinists), 533 Albany
*§Barrett, Jas. Mfg. Co. (Plumbers' Iron & Brass Specialties), 48 Pearl
*Barrett Bros. (Special Mach'y), 43 Haverhill
*Bartlett, Edwin E. (Machine Tools), 364 Atlantic av
*Bassett, Elmer C., Norfolk Downs, Mass.
*§Bassill, Louis (Brass Finisher), 160 Portland
*§Bay State Brass Foundry (Brass & Bronze Fdrs., etc.), 155 A, S B
*Beauregard, Victor Punches, Dies & Tools, etc.), 62 Sudbury
*Bertelsen & Petersen (Steam Engines, etc.), 140 Border
*Birch Bros. Co., 30 Kent, Somerville
*Blanchard Machine Co. (Air Compressors, Pulverizing Mach'y, etc.), 16 Harcourt
*Blount & Lovell (Machinists, Gear Cutting, etc.), 100 High
*§Boston Brass Andiron Co. (Brass Fdrs. & Finishers), 104 Utica
*§Boston Brass Co. (Brass Fdrs. & Finishers), 36 Oliver
*†§Boston Brass Andiron Co. (Brass Fdrs. & Finishers), 104 Utnca
*†§Boston Brass Co. (Brass Fdrs. & Finishers), 36 Oliver
*Boston Bridge Works, Inc. (Traveling Cranes, Turntables & Structural Steel Work), 47 Winter
*§Boston Coupling Co. (Machinists & Brass Finishers), 156 Pearl
*Boston Electric Co. (Elec. Specialties), 29 Harrison av
*Boston Gear Works (Gears & Pinions, etc.), 152 Purchase
*Boston Motor Co. (Machinists), 43 Columbus av
*Boston Printing Press Mfg. Co. (Printing Mach'y), 176 Federal

*§Boston Steam Specialty Co. (Steam Traps, Separators, Indicators, Lubricators, etc.), 168 Congress
*Boston Woodworking Machine Co. (Woodworking Machinery), 63 Haverhill
*Boston & Lockport Block Co. (Tackle Blocks, Diaphragm Pumps, Differential Hoists, etc.), 160 Commercial
*Bradley Pulverizer Co. (Cement & Pulverizing Machinery), 92 State
*Brainerd Steam Trap Co. (Steam Traps, etc.)
*Brigham, M. H. (Machinist), 63 Haverhill
*Brown & Henry (Machinists), 15 Chardon
*Burke, P. F. (Toe Calks, Vises, etc.), Door st, S B
*Burrington, Chas. M. (Machinist), 603 Rutherford av
*Carbee, M. Co. (Machinist), 87 Border
*Carpenter, Lewis A. (Machinist), 370 Atlantic av
*Carson Trench Machine Co. (Trench & Excavating Mach'y, etc.), 16 Dorrance
†Central Iron Foundry, 202 Border
*Chapman Double Ball Shaft Bearing Co. (Double Ball Bearings for Shafts), 185 Summer
†Chelmsford Foundry Co. (Bldrs.' Iron Work & Castings), 159 Devonshire
*†Chilson Furnace Co. (Furnaces, Stoves & Ranges), 88 Wash'n
*§Clark, D. W. & Co. (Brass Fdrs.), 280 W 1st, S B
*Clark, Edw. S. (Machinist), 274 Freeport
*†Coffin Valve Co. (Valves, Sluice Gates, etc.), Neponset
*†§Condor Iron Fdy. Co. (Iron & Brass, all Kinds), 96 Condor, E B
*Contractors Plant Co. (Portable Gravity Concrete Mixers, etc.), 37 Pittsburg
*Co-operative Machine Co., 52 Purchase
*§Crosby Steam Gauge & Valve Co. (Gauges, Valves, etc.), 93 Oliver
*Crowther, Joseph, 81 Haverhill
*Cuff, Jno. F., 101 Portland
*Cummings, H. H. & Co. (Machinists), 11 High
†Cunningham, J. H. Co., 269 Congress
*Dalrymple & Brissette (Machinists), 424 Atlantic av
*§Dalton-Ingersoll Co. (Plumbers' Brass Goods), 173 High
*Day, Geo. F. (Machinist), 21 Haverhill
*§D'Estes, Julian Co. (Steam & Plumbing Specialties & Brass Fdrs.), 24 Canal
*Dill Mfg. Co. (Machinists), 22 Medford
†Dodge Iron Foundry Co. (Iron Fdrs.), Locust st, S B
*†Edson Mfg. Co. (Diapharagm & Force & Lift Pumps, etc.), 255 Atlantic av
*Empire Laundry Machinery Co. (Laundry Mach'y), 178 Purchase. Works, Newton, Mass.
*†Estabrook's, R. Sons (Soil Pipe & Fittings & Castings, etc.). 201 W 1st, So B
*Faneuil Watch Tool Co. (Watchmakers' Eyelet Tool Co., 40 London
Lathes & Machinery), 1 Brooks
*Fifield Shoe Machinery Co. (Shoe Mach'y), 53 High
*Fischer, Wm. E. (Boot & Shoe Mach'y), 76 Sudbury
*Fitzhenry, E. L. & Co. (Yacht & Launch Engines, etc.), 36 Wash'n
*Foster, N. D. P. (Machinist), 48 Hanover
*Fowler, W. H. (Machinist), 38 Chardon
†Foxboro Foundry Co., 19 Congress
*§G. & P. Engraving Co. (Brass Fdrs.), 185 Franklin
†§Gibby Foundry Co., 98 Condor, E B
*§Gibby, Geo. H. (Brass Fdr.), 96 Condor
*§Gilchrist, Geo. E. Co. (Brass Fdrs. & Finishers), 106 High
*Gilmore Electric Co. (Elec. Bench Grinders & Elec. Lamps, etc.), 625 E 1st, S B
*Goodwill Machine Co., 62 Sudbury
*Gough, Jno. (Machinist), 38 Chardon
*§Granular Metal Co. (Brass Fdrs), Farnham & Gerard
*Grant Gear Works (Gears & Pinions, etc.), 6 Portland
Griffiths, Wm. H. (Metal Patterns & Machine Work), 62 Sudbury
*§Grundy, J. E. & Co. (Brass Fdrs. & Finishers), 90 Sudbury
*†Gurney Heater Mfg. Co. (Heaters, Radiators, etc.), 74 Franklin
†§Gurney, Jas. & Co. (Heavy Iron & Brass Castings, etc.), 202 Border
*§Hall, Wm. & Co. (Brass Fdrs. & Finishsrs), 82 Sudbury
*Ham, L. M. & Co. (Cold Iron Sawing & Coping Machines, etc.), 150 Portland
*§Hamlin & Emery Brass Co. (Brass Fdrs. & Finishers), 26 Island
*Hancock & Soule (Machinists), 36 Wash'n, North
*Hanks, H. W. & Co. (Machinists), 29 Lincoln
*Hansen Machine Co. (Machinists), 23 W 1st
*Harlow, Chas. F. (Machinst), 42 Warren Rox
*Hart Mfg. Co. (Special Machinery, etc.), 370 Atlantic av
*Hart, Thomas H. & Co., Mishawnan, Cshn.
*Hawkins, F. S. (Mach'y Designed & Built), 591 Atlantic av
*†Hayden & Derby Mfg. Co. (Injectors, Ejectors, etc.), 1 Watson
*†Hersey Mfg. Co. (Sugar & Soapmakers' Mach'y, etc.), 314 W 2d
*Hesse, Jos. J. (Machinist), 134 Elliott
*†Highland Foundry Co. (Stoves, Furnaces, etc.), 1301 Columbus av
*Highland Machine Co. (Machinists' & Pattern Makers', etc.), 56 Kemble
*§Hodgden Brass Works, 164 High
*§Hollings, Richard & Co. (Gas Fixtures), 39 Bedford
*Holmes, Chas. Machine Co. (Hide & Leather Working Machinery), 299 Marginal, E B
*Holmes & Blanchard Co. (Grain, Paint & Fertilizer Machinery, etc.), 39 Washington
*Holt, S. L. & Co. (Power Transmitting & Woodworking Mach'y), 191 High
*Horan, P. H. (Machinist), 379 Albany
†Howard Iron Foundry, Door st, E B
§Howard, J. P. & Co. (Brass Fdrs.), 7 Haverhill
*Howard & Bullough American Machine Co. (Ltd.), 65 Franklin
*Howe & Clausen (Machinists), 164 High
*Hoxie, E. E. (Machinist), 87 Lincoln
*Hunt, G. W., 1 1-2 Harrison av
*§Hunt, Harry (Brass Finisher, etc.), 97 Haverhill
†Hunt-Spiller Mfg. Co. (Iron Fdrs.), 383 Dorchester av
†Hunter, Jas. Machine Co., 70 Kilby
*Industrial Machine Tool Works (Machinists), 160 Congress
*International Machine & Screw Co., 68 Devonshire
*Kelley, Chas. H. (Machinist), 15 Foster's Wharf
*Kingsbury & Davis Machine Co. (Paper Box Machy), 102 Pearl. Works, Contoocook, N. H.
*Knapp, Gardner & Co., 62 Sudbury
†Krasser, F. & Co. (Iron Fdrs.), 100 Utica
*†Laconia Car Co. Works (Electric Cars & Trucks, Malleable Iron Castings), 131 State. Works, Laconia, N. H.
*Lang, J. A. & Sons (Dies, Tools & Light Machy.), 280 Dover
*Lapointe Machine Tool Co. (Key-Testing Machines, etc.), 32 Atlantic av
*Leavitt, Albert (Machinist), 133 Oliver
†Lincoln, Geo. H. & Co. (Iron Fdrs.), foot of Alger, S. B.
*†Lockwood Mfg. Co. (Marine Engines, Propeller Wheels, etc.), 85 Sumner, E.B.
*Lombard Governor Co. (Water Wheel & Engine Governors, etc.), 36 Whittier
*Long, J. H. Machine Co. (Machinery), 164 High
*Lundin Electric & Machine Co. (Electrical Specialties), 176 Federal
*§McCafferty, J. H. & Co. (Brass & Bronze Founders, etc.), 434 Harrison av
§McCaul, M. M. (Brass Fry.), 289 South
*McDowell, Thos. (Machinist), 1359 Columbus av
*§McGann, T. F. & Sons (Brass Fdrs. & Finishers), 104 Portland
*McKerrow, H. G. Co. (Textile Machinery), 31 State
*†McLauthlin, Geo. T. Co. (Machinery Builders), 120 Fulton
*McLean, Jas. & Co. (Machinists), 180 Washington
*†Magee Furnace Co. (Stoves, Furnaces, etc.), 32 Union
*§Marble, W. P. Co. (Brass Finisher), 15 Chordon
*Marcus, Israel (Machinist), 20 Cooper
*Marston, J. M. & Co. (Wood Working Machinery, etc.), 226 Ruggles
*Meisel Press & Mfg. Co. (Printing Presses, etc.), Dorchester & Crescent av, Dor.
*Metallic Heel & Counter Co., 100 Purchase
*Metcalf, J. C. & Co. (Paper Box Machy), 102 Pearl
*Miller Tying Machine Co. (Machinists), 289 A
*Milne, Frank, 28 New, E B
*§Mitchell, R. & Co. (Brass Finishers), 380 Atlantic av
*Moore, Geo. W. (Piano Hdw. & Tools, etc.), 15 Chardon
*Moore & Wyman Elevator & Macine Works, cor Granite & Richards
*§Morse, Andrew J. & Son (Fire Dept. Supplies & Brass Finishers), 140 Congress
*Morrison, Angus (Machinist & Elevators, etc.), 18 Harvard pl
*Morrison, Angus, 18 Harvard pl
*§Mowry & Phillips Co. (Brass Fdrs. & Finishers), 208 Camden
*Multi-Automatic Screw Machine Co., 409 Sudbury bldg
*§Murdock Corporation (Brass & Bronze Fdrs. & Finishers), 156 Murdock
*Murray & Tregurtha Co. (Steam & Gasoline Launch Engines). 340 W 1st
*National Machine & Tool Co. (Machy, Jigs, Tools, Dies, etc.), 253 A
*§New England Brass Works (Brass Finishers), 37 Pitts
*Newton, H. B. Machine Co. (Machinery), 100 Purchase
*Nicholas & Stephenson (Machinists), 208 Summer
§Non-Corrosive Metal Co. (Brass Fdrs.), 39 Pitts
*Norton, A. O. (Ratchet Screw & Track Jacks), 286 Congress
*Nutter, Barnes & Co. (Metal Saw Cutting-Off Machines, etc.), 364 Atlantic av
*O'Hara, T.C. (Printers' Machy), 51 Chordon
*Orieg, A., 17 Cooper
†Osgood & Witherly (Iron Fdrs.), Temple & Sherman, Chsn.
*Paine, Jas. H. & Son (Marine Engines, etc.), Park & Clayton, Dor.
*Palmer Jno. C., 263 Atlantic av
*†Perkins Machine Co. (Presses, Shaping Machines, etc.), K cor E 1st, S B
*Philbrick, Geo. W., 17 South
*Phillips Co. (Lubricators, Oil Cups, etc.), 164 High
*†Planters Compress Co. (Machinists & Founders), 131 State
*Pneumatic Scale Corporation (Automatic Machinery for Handling, Weighing & Packing, etc.), 311 Atlantic av
*Poland Laundry Machinery Co. (Laundry Machy), 49 Kemple, Rox.
*Pratt, W. E. & Co. (Machinists), 40 Sudbury
*Rawson & Morrison Mfg. Co., 45 Main, Cambridgeport
*Reynolds & Co. (Printers' Machinery), 416 Atlantic av
*Riley, C. E. & Co. (Textile Machinery), 65 Franklin
*Roberts, J. H. & Co. (Machinists), 137 Portland
*Robinson, F. S. (Machinist), 80 Portland
*Robson, R. S., 73 Cornhill
*Rodney Hunt Machine Co., 70 Kilby
*§Rogers, C. E. (Brass & Bronze Fdrv.), 34 Beach
*§Scrannage Bros. (Brass Fdrs. & Finishers), 77 Travers
Seelye Mfg. Co. (Shoe Machinery), 118 South
*§Seibert Cylinder Oil Cup Co. (Lubricators, Oil Cups, etc.), 53 Oliver
*Selman, A., 6 Minot
*†Smith, G. W. & F. Iron Co. (Iron Fdrs. & Builders' Iron Works), Gerard n Island
*Smith, J. S. & Co., 9 Quincy Row
*Smith, Lyman B., 62 Sudbury
*†§Smith & Anthony Stove Co. (Stoves & Plumbers' Supplies), 48 Union
*†Smith & Lovett Co., Inc. (Builders' Castings & Machine Work), 129 Albany
*†Smith & Thayer Co. (Steam Heating Apparatus), 234 Congress
†Somerville Iron Foundry, 88 Washington, Somerville
*Souther, John & Co. (Machinists), 671 Dorchester av
§Spear, Harry A., 130 Oliver
*†Standard Mfg. & Elevator Corporation (Elevators, Iron Fdrs. & Machinists), 106 Utica
*Stanley Mfg. Co. (Sewing Machines & Automobiles), 89 Beach; works, Lawrence, Mass.
*§Star Brass Mfg. Co. (Brass Fdrs. & Finishers, Steam Specialties, etc.), 108 E
*Star Roofing Co., 50 State
Dedham
***STEEL CABLE ENGINEERING** CO. (Elevating & Conveying Machy), 92 State
*Steers, Wm. (Experimental Machy), 97 Haverhill

*Stone, Henrie D. (Engineer & Machinist), 7 Sherman
*†§Strater, Herman & Sons (Brass Fdrs. & Finishers, Bar Fixtures, etc.), 74 Sudbury
*Stubbs, S. K. (Machine Knives, etc.), 30 Kemble
*§Sturtevant Mill Co. (Cement & Pulverizing Machinery), Dor.
*Tarbett-Phemister Co. (Machinists & Millwrights), 172 Oliver
*Thompson Mfg. Co. (Machinists), 49 Beverly
*§Union Brass Works (Brass Fdrs. & Finishers), 7 Sherman
*Union Special Sewing Machine Co. (Sewing Machines), 96 South
*§United Injector Co. (Injectors ,etc.), 1 Watson
*†United Shoe Machinery Co. (Shoe Machiery), 205 Lincoln
*Universal Winding Co. (Textile Machy.), 95 South
*Upton & MacAskill (Machinists), 36 Beach
*Wade, Jas. M. (Machinist), 101 Portland
*Waldron, Geo. F. (Machinists), 142 Kneeland
*Walker, G. A. Machine Co. (Machinists), 51 Chardon
*†Walker & Pratt Mfg. Co. (Stoves, Furnaces Radiators, Cooking Apparatus, etc.), 33 Union
*†§Walworth Mfg. Co. (Pipe Cutting & Threading Machines, Stocks & Dies, & Iron & Brass Fdrs., etc.), 132 Federal
*Welch, T. F. Mfg. Co. (Gears & Specialties), 55 Sudbury
*Wells Mfg. Co. (Machinists), 17 Chardon
*Whitney, Frank E. (Gas & Gasoline Engines), 65 Sudbury
*Whitney, Geo. E. (Machinist), 32 New
*†Whittier Machine Co. (Elevators, Iron Fdrs., etc.), 53 State
Wieck, John A. (Machinist), 45 Armandine,
*Willey, Fred, 65 Atlantic av Dor.
*Wold, Christian & Co. (Machinists), 25 W 1st
†Wollaston Foundry Co. (Machy., Piano Plate & Light Castings). 185 Summer Works, Wollaston, Mass.
*Woods, S. A. Machine Co. (Woodworking Machy, etc.), 415 Dorchester av
*Wyke, John & Co. (Machinists' Tools, etc.), 898 Saratoga

BRIDGEWATER—*†Bridgewater Fdy., Machine & Rolling Co.
*Continental Gin Co. (Cotton Gins, etc.)
Miller's, H. J. Sons (Wire Nail Machy)
*†Perkins, Henry Co. (Iron Fdrs. & Wire Nail Machy)

BROCKTON—*Bostock, Thos. & Sons (Machinists)
*Brocton Folding Machine Co.
*Burr & Smith (Machinists).
*Kimball Bros. & Sprague (Nail Mill & Tack Machy, etc.)
*Knight, Geo. & Co. (Machinists)
*Pickard Bros. (Machinists)
*Scott, Geo. V. Co. (Machinists)
*Sweetser, Wm. A. (Nail Mill, Rivet, Staple & Tack Machy)
*Tuck Mfg. Co. (Shoe Knives, etc.)
*†United Shoe Machinery Co. (Shoe Machy), see Boston, Mass.

BROOKLINE — *†Holtzer-Cobot Electric Co. (Electric Machy & Specialties)

CAMBRIDGE—*Axtman, Jno. (Machinist)
*†Barbour-Stockwell Co. (Electric Railway Specialties, etc.)
*†Blake, Geo. F. Mfg. Co. (Steam Pumps), (see International Steam Pump Co., N. Y.)
†Broadway Iron Foundry Co. (Iron Fdrs.)
*Bullock, O. S. Machine Co. (Machinists)
†Chelmsford Foundry Co. (see Boston)
*Clark & Mills Elec. Co. (Electric Specialties), see Boston
*Crest Mfg Co. (Motors, etc.)
*Davis, F. H. & Co. (Paper Mill Machy), see Boston
*Field, Walter W. (Hoisting Engines, etc.)
§Hayden, Geo. W. (Brass Fdry.)
*†Kendall, Edw. & Sons (Steam Engines,etc)
***RAWSON & MORRISON MFG. CO.** (Hoisting Engines, etc.) See adv index, end of book)
*†Roberts Iron Works Co. (Fdrs, etc.)
*Roberts, Jas. H. & Co. (Machinists)
*Simplex Electric Heating Co. (Electric Specialties)
*Worthen, Geo. E. (Machinist)

CANTON—*†Kinsley Iron & Machine Co.(Axles, Jacks, Vises, Castings, etc.)

CHELMSFORD—*†Chelmsford Foundry Co. (See Boston)
*Lowell Model Co. (Gasoline Engines)

CHELSEA—*†Griffin Wheel Co. (Car Wheels) (See Chicago, Ill.)
*International Heater Co. (see Utica, N. Y.)
*Lovewell-Henrich Co. (Laundry Machy)
*†Magee Furnace Co. (see Boston)

CHICOPEE—*§Ames Sword Co.
§Mosman, M. H. (Bronze Fdr.)

CHICOPEE FALLS—*†Belcher & Taylor Agricultural Tool Co. (Agrl. Implts. & Tools)
*†Lamb Knitting Machinery Co. (Textile Machy.)
*Page-Storms Drop Forge Co.
*Stephens, J. Arms & Tool Co. (Fire Arms & Machine Tools, etc.)

CLINTON—*†Clinton Foundry Co. (Builders' Iron Work & Castings)

CONCORD—*Black, Albert B. (Road-Making Machy, etc.)

DALTON—*Jordan, G. H. & Co. (Machinists)

DANVERS—*Fuller Farm Tool Mfg. Co. (Agl. Implts. & Farm Tools, etc.)

DEDHAM—*Shatswell, H. K. & Co. (Machinists & Power Launches)

EAST BRIDGEWATER—*†—Carver Cotton Gin Co. (Cotton Gins, etc.)
†Old Colony Foundry Co. (Iron Fdrs.)

EAST DOUGLASS—*American Axe & Tool Co. Axes, Edge Tools, etc.), see New York

EASTHAMPTON—†Easthampton Foundry Co. (Iron Fdrs.)

EASTON—†Belcher Malleable Iron Co.

EAST TEMPLETON—Bay State Metal Wheel Co

EVERETT—†Bent, G. W. & Co. (Bedsteads)
*Blount, J. G. & Co. (Machine Tools)
*†New England Structural Co. (Builders' Iron & Steel Work)
*Porter, Henry K. (Bolt Clippers, etc.)
†United States Steel Co. (Jupiter Steel Castings, etc.)

FAIRHAVEN—*†Fairhaven Iron Foundry Co. (Iron Fdrs. & Steam Motors, etc.)

FALL RIVER—*Albro, Gardner D. (Machinist)
*†Ashworth, Elijah (Card Machines, etc.)
*Bates, Geo. A. (Machinist)
*Covel Machine Co. (Machinists)
§Creighton, Thos. J. & Co. (Brass Fdrs.)
*Evans, Fraser & Blackway Co. (Machinists)
*†§Fall River Fdry. & Machine Co. (Iron & Brass Castings & Cotton Machy.)
*Fall River Steam & Gas Pipe Co. (Machinists, etc.)
*Kay, H. E. & Co. (Machinists, Lathes, Chucks, etc.)
*†Kilburn, Lincoln & Co. (Textile Machy., Looms & Water Wheels, etc.)
*†§Mechanics' Foundry & Machine Co. (Iron & Brass Fdrs. & Machinists)
*Paradox Gas Engine Co.
*Read Edmund V. (Machinist)
*Rich, A. E. (Machinist)
*Shea Bros (Machinists)
*Thurston, A. G. & Son (Machinists)

FISKDALE—*Snell Mfg. Co. (Augurs, Bits, Countersinks, Nails, etc.)

FITCHBURG—*Blake, W. H. Steam Pump Co.
*Brown, C. H. & Co. (Engines, etc.)
*Cowdrey, C. H. Machine Works (Woodworking Machy.)
*Deane, Herbert C. (Reducing Wheels, etc.)
*†Fitchburg Machine Works (Machine Tools, etc.)
*Fitchburg Steam Engine Co. (Engines, etc.)
†Goodnow, L. H. Foundry Co. (Iron Fdrs., Fly Wheels, Gray Iron Castings, etc.)
§Hardy, W. A. & Sons Co. (Brass Fdrs., etc.)
*Henneman Coffee Roaster Co. (Coffee Roasting Machy)
†Perault, Moses J. (Iron Fdry.)
*†Putnam Machine Co. (Machine Tools, Steam Engines, Etc.)
*Simonds Mfg. Co. (Saws, Machine Knives, etc.)
*Thomson, Alex. (Machinist)
*Tolman, C. S. & Co. (Machinery)
*Union Machine Co. (Paper Mill Machy.)
*Union Screen Plate Co.
*Waymoth, A. D. & Co. (Variety Wood-Turning Lathe)
§Welch, E. J. & Co. (Brass Fdrs.)
*Wilder, Chas. W. (Wood-Turning Lathes, etc.)
*Wilder, Levi (Lathes, etc.)

FLORENCE—*§Florence Machine Co. (Machine Tools, etc.)
*†Norwood Engineering Co. (Iron Fdrs. & Machinists, Fire Hydrants, Water Fittings for Mills, etc.)

FOXBORO—†Foxboro Fdry. Co.

GARDNER—*†Central Oil & Gas Stove Co.
†Gardner Foundry Co.
*Gardner Machine Works (Machinists)
†General Foundry Co.
*†Lockwood, Arthur L. (Machinist & Fdr.)
*McKnight, L. G. & Co. (Machinists)
*Siplex Time Recorder Co. (Time Recorders)

GLOUCESTER—*†Cape Ann Anchor Works.
*Cape Ann Machine Co. (Stearing Gears)
†Reed, Geo. A. & Son
*Stoddard, Adam P. & Co. (Machinists)
*Wheeler, Everett (Machinist)

GREAT BARRINGTON—*Dodds, R. S. (Machinist)

GREENFIELD—*American Tap & Die Co. (Taps, Dies, etc.)
*Automatic Machine Co. (Machine Tools)
*Butler Chuck Co.
*Goodell-Pratt Co. (Machinists' Fine Tools, etc.)
*Greenfield Machine Co. (Machine Tool Grinders)
*Horton, Jas. A. (Mailing Machines)
*Massachusetts Tool Co. (Surface Gauges, Micrometers, etc.)
†Noyes, B. B. & Co. (Iron Fdry.)
*Reese, E. F. Co. (Taps, Dies, Bolt Cutters, etc.)
*Wells Bros. Co. (Machine Tools, etc.)
*Wells, F. E. & Son (Stocks & Dies, etc.)
*†Wiley & Russell Mfg. Co. (Machine Tools, etc.)
†Wing, Chauncey (Iron Fdry, Pattern Works, etc.)

HATFIELD—*Shattuck, C. S. (Fire Arms, Hammerless, etc.)

HAVERHILL—*Allen Machine Co. (Shoe Machy)
*Busfield, Jas. (Machinist)
*Eureka Machine Co. (Machinists)
Holmes, M. S. (Structural Iron Work, etc.)
*Horne, Chas. D. (Machinist)

HAYDENVILLE—*§Haydenville Co. (Brass Fdrs. & Finishers, Plumbers' Brass Goods)

HOLYOKE—*†Coburn Trolley Track Mfg. Co.
*†Dean Steam Pump Co. (See International Steam Pump Co., New York City)
*Goddard Machine Co. (Surface Grinders)
†Higgins & Co. (Iron Fdrs.)
*Holyoke Bar Co. (Machine Knives, etc.)
*†Holyoke Machine Co. (Paper & Pulp Mill, Cotton Mill, Power Transmitting & Wood Barking Machy)
*†Holyoke Motor Works (Iron Fdrs., etc.)
*†Interational Steam Pump Co. (Deane Branch), see New York City
*†Jolly, J. & W. (Paper & Pulp Mill Machinery, etc.)
Judson & Williams (Screen Plates, etc.)
*Keeney, Marble D. (Paper Mill Machy)
*Koegel, Chas. & Son (Paper & Pulp Mill Machy, etc.)
*†Perkins, B. F. & Son (Paper & Pulp Mill Machy.)

HOPEDALE—*†Draper Co. (Textile Machy, Looms, etc.)

HUDSON—*Tower Bros. (Machinists)
*Woodward Machine Co. (Machinists)

HYDE PARK—*†§American Brass Foundry Co. (Brass Fdrs.)
*†American Tool & Machine Co. (See Boston)
*†Becker-Brainard Milling Machine Co. (Machine Tools, etc.)
*Boston Blower Co. (Blowers, Forges & Engines)
†New England Steel Casting Co.
*†Pope-Robinson Co. (Motor Vehicles)
*†§**STURTEVANT, B. F. CO. (Blowers, Fans, Motors, etc.)**
*Robinson, John T. & Co.(Paper Box Machy)

INDIAN ORCHARD—*†Chapman Valve Mfg. Co. (Valves, Hydrants, etc.)
*Metallic Drawing Roll Co. (Textile Machy, etc.)

KINGSTON—†Seaside Foundry

LAWRENCE—*Battles, Jos. (Machinist)
§Byron, Fred (Brass Fdy.)
†Davis Foundry Co. (Iron Fdrs.)
*Dillon Machine Co. (Paper Mill Machy.)
*§Emerson Mfg. Co. (Paper & Pulp Mill Machy.)
§Gallison Brass Foundry
*Hamblet, Geo. W. (Paper Mill Machy.) & Pumping Machy)
†Hart, W. R.
*†Horne, J. H. & Sons Co. (Paper Mill Machy, etc.)
*McCabe, E. & Co. (Machinists)
*McCaffrey, John (Machinist & Loose Pulleys, etc.)
*Mills Machine Co. (Machinists)
*Smith, Samuel (Machinist)
*Stanley Mfg. Co. (Sewing Machines & Automobiles, etc.) see Boston, Mass.
*§Watts Regulators Co. (Machinists & Brass Finishers)

LEE—*†Clark, H. C. & Son Machine Co. (Paper Mill Machinery, etc.)

LEEDS—Northampton Emery Wheel Co. (Emery Wheels & Grinding & Polishing Machy.)
LEOMINSTER—*Cook, F. H. & Co. (Machy, & Tools)
*Smith, A. A. (Machinist)
*Stowell, J. A. (Machinist)
LEXINGTON—*§Jefferson Mfg. Co. (Brass Fdrs., Flange Couplings, Pipe Unions, etc)
LOWELL—*American Bolt Co.
*Bagshaw, W. H. (Textile Machy, etc.)
*Barker, H. R. Mfg. Co. (Machinists)
*Cady, Geo. L. & Sons (Machine Tools, etc.)
*Carey, W. W. (Woodworking Machy.)
*Clark, Jeremiah Machine Co. (Machinists)
*Dennis, John & Co. (Textile Machy.)
*Dodge, Chas. S. (Textile Machy., Pick-
†Doherty Bros. (Iron Fdrs.) ers, etc.)
†Eagle Foundry Co. (Iron Fdrs.)
*Entwistle, T. C. Co. (Textile Machy)
*Fifield, Geo. W. (Heavy Lathes, etc.)
*Gee, Chas. E. (Machinist)
*Jaynes, J. S. Shuttle Co. (Shuttles, Bobbins, etc.)
*†Kitson Machine Co. (Textile Machy.)
*†Lowell Machine Shops (Cotton Machy)
*Middlesex Machine Co. (Machinists)
*New England Motor Co. (Dynamos &
†Nichols, Albert F. (Iron Fdry.) Motors)
*Perkins, Francis S. Co. (Machinists)
†Pevey Bros. (Iron Fdrs.)
†Ryan, John & Co. (Iron Fdrs.)
*Stott, Sam'l E. & T. (Machine Wool Combs & Textile Machy)
*Swain Turbine & Mfg. Co. (Water Wheels,
*Turner, John D. (Machinist) etc.)
*Upton & Gilman (Machinists)
*Wilson, D. H. & Co. (Textile Machy, etc.)
LYNN—*Austin, Frank R. (Machinist)
*Automatic Heel Machinery Co. (Shoe
*Bresnahan Shoe Machinery Co. Machy.)
*Carsley, Hiram (Cord Wood Sawing & Splitting Machy)
*Cilley, W. W. & Co. (Shoe Stitchers)
*Coffin & Shines (Shoe Stitchers)
*Dwyer, Chas. W. & Co. (Shoe Machy.)
*Ellison, Albert W. (Machinist)
*Embree, W. F. & Co. (Machinists)
*Emerson, Geo. W. & Co. (Shoe Machy)
*Essex Machine Co. (Machinists)
*Gallagher Mfg. Co. (Drills, etc.)
*Glazier & Briggs (Machinists)
Hart, T. F. (Machinist)
†Hayes, John A. Foundry Co. (Iron Fdrs.)
*Hemingway Machine Co. (Machinists)
*Holmes, E. M. (Machinist)
†Lynn Stall Co. (Stable Fittings, etc.)
*National Box Machine Co. (Paper Box Machy.)
*Osborne, J. W. & Co. (Shoe Stitchers)
*Power Eyeletting Machine Co.
*Riley, C. E. & Co. (Textile Machy.)
*Stanbon, Chas. P. & Co. (Shoe Machy.)
*Stephenson, Chas. H. (Plumbers' Specialties)
*Stewart Bros. (Machinists)
*Taylor & Gooding (Machinists)
*Thomson Electric Welding Co. (Elec. Welding Apparatus)
*Treen, Wm. H. (Shoe Stitching Machy.)
*Tyler, Jas. L. (Machinist)
*†United States Shoe Machinery Co. (see Boston, Mass.
*Winkley Engine Co. (Gasoline Engines)
MALDEN—*Greene, Frank P. (Brick Press Machy, etc.)
MANSFIELD—*Bay State Tap & Die Co. (Taps Dies, etc.)
*Card, S. W. Mfg. Co. (Dies, Taps, Ream-
†Central Iron Foundry ers, etc.)
*†Chilson Furnace Co. (Furnaces, Stoves & Ranges), see Boston
*Moorehouse, Wm. (Machinist)
†Shields Foundry Co. (Iron Fdrs.)
MARLBORO—*†Parsons, Henry & Son (Special Machy, etc.)
*Wheeler, O. D. & Co. (Machinists)
MEDFORD—*Wellman Sole Cutting Machine Co
MELROSE—*Smith Countershaft Co. (Reversing Countershafts)
METHUEN—*†Sanborn Furnace Co. (Hot Air Furnaces, etc.)
MIDDLEBORO—†Le Baron Foundry Co. (Iron Fdrs.)
MILFORD—*Damon, J. F. (Machinist)
*Mann, F. W. Co. (Machinists & Machry.)
†Milford Iron Foundry (Iron Fdrs.)
MILLBURY—*Buck Bros. (Edge Tools, etc.)
*Buck, Chas. (Edge Tools, etc.)
*Humphreys, Edw. J. (Machinist)
†Worcester Steel Foundry Co.
MILLERS FALLS—*†Millers Falls Co. (Machinists' Fine Tools & Hardware Specialties, etc.)
MILLVILLE—*Holman, I. T. (Machinist)
NATICK—*Brewer, A. G. (Machinist)
NEW BEDFORD—†Acushnet Iron Co.
*Baker Machine Co. (Machinists)
*Driggs, Jas. D. (Shipsmith, etc.)
§Gardner, R. M. & Co.
*§Hill, W. S. Electric Co. (Electrical Appliances)
*Lewis, Jos. S., Jr. (Machinist)
*Morse Twist Drill & Machine Co. (Twist Drills, etc.)
*New Bedford Boiler & Machine Co. (Valves & Machinists, etc.)
*†New Bedford Foundry & Machine Co.
*New Bedford Shuttle Co.
NEWBURYPORT—*Chase-Shawmut Co. (Electrical Specialties)
*†Russell, Albert & Sons Co. (Iron Fdrs. & Machinists)
*Sargent, Chas. R. Co. (Machinists)
NEWTON—*Empire Laundry Machinery Co. (Laundry Machinery), see Boston, Mass.
*Evans, Geo. F. (Friction Cones)
NEWTON UPPER FALLS—*Gamewill Fire Alarm Telegraph Co.
*†Saco & Pettee Machine Shops (Textile Machinery)
NORTH ADAMS—*Babcock, Eugene H. (Machinist)
*†Hunter, Jas. Machine Co. (Power Transmitting & Textile Machy.)
†Johnson, Wm. (Iron Fdry.)
*Stewart, E. C. (Machinist)
NORTHAMPTON—*Herrick, Chas. E. (Mchst.)
NORTH ANDOVER—*†Davis & Furber Machine Co. (Textile Machy.)
NORTH DIGHTON—*†North Dighton Co.Operative Stove Co. (Stoves)
NORTH PLYMOUTH—†Seaside Foundry Co. (Iron Fdrs.)
NORWOOD—†Plimpton, J. E. & Co. (Iron Fdrs)
ORANGE—*†Chase Turbine Mfg. Co. (Turbines & Shingle Mill Machy., etc.)
*†Hunt, Rodney, Machine Co. (Power Transmitting & Textile Machy.)
*Leavitt Machine Co. (Valve Re-Seating Machy.)
*†§New Home Sewing Machine Co. (Sewing Machines)
OSTERVILLE—†Leonard, J. M.
OTTER RIVER—*†Lord, Stone & Co. (Stoves, etc.)
PALMER—†Francis, Ralph B. (Iron Fdry.)
PEABODY—*American-Aron Electricity Meter Co. (Elec. Meters & Specialties)
*Boyle, John Machine Co. (Machinists)
*Helios-Upton Co. (Electrical Specialties,etc)
*Little, G. H. (Boiler Injectors, etc.)
*†Marine Hardware Co. (Marine Hdw., etc.)
*†Moore Leather Machinery Co. (Leather Machinery)
*Newell & Knowlton, Inc. (Grease Extractors, etc.)
*†Vaughn-Rood Co. Hide & Leather Machinery)
PEPPERELL—*Blake, H. & Son (Machinists)
PITTSFIELD—*Chapel, A. M. Machine Co. (Machinists)
*†Jones, E. D. & Sons Co. (Paper Mill & Power Transmitting Machy.)
*Robbins, Gamwell & Co. (Steam Fitters, etc.)
*Sampson-Alden Mfg. Co. (Machinists)
*†Stanley Electric Mfg. Co. (Generators, Elec. Machinery, etc.)
PLYMOUTH—*†Plymouth Stove Foundry Co. (Stoves, etc.)
QUINCY—*Badger Bros. (Machinists)
*†Fore River Ship & Engine Co. (Iron & Steel Ships & Marine Engines, etc.)
*How & Bassett (Textile Machy.)
*Kemp, J. Frank (Machinist)
*Lizotte, Jos. & Co. (Gas & Gasoline Engines)
READVILLE—*†Stafford, Geo. W. Co. (Textile Weaving Machinery, etc.)
REVERE—*Revere Drop Forge Co.
ROCHDALE—*Hankey, A. & Co., Inc. (Machines, Knives, etc.)
ROCK—*Vaughan, J. D. (Machinist)
§Waters, Andrew S. (Brass Fdry.)
SALEM—†Central Iron Foundry Co.
*Cressey, Wm. L. (Machinist)
*Dinsmore Mfg. Co. (Textile Machy.)
*†Essex Foundry & Machine Co. (Fdrs. & Machinists)
*Goodsell, Zina (Machinist)
*Lee, E. C. (Machinist)
*†Lockc Regulator Co. (Damper Regulators, etc.)
†McIntire, W. S. & Co. (Iron Fdrs.)
*Martin, Wm. F. (Machinist)
*Patten, Paul B. (Motors, Car Lifts, etc.)
§Salem Brass Foundry (Brass Fdrs.)
†Smith, A. H. (Iron Fdry.)
†Smith, H. N. (Iron Fdry.)
*§Spencer Regulator Co. (Brass Finishers, Regulators, etc.)
§Waters, Andrew S.
SAUGUS—*Bryer, S. G. (Rock Drills)
SAXONVILLE—*Saxonville Mills (Woolen Mfs.' Repair Shops)
SHELBURNE FALLS—*Ducharmes & Co. (Small Tools, etc.)
*Goodell Tool Co. (Small Tools, etc.)
SOMERSET—*†Somerset Stove Foundry Co. (Stoves)
SOMERVILLE—*Birch Bros. (Textile Machy.)
*Forg, Peter (Machinist & Machy.)
†Somerville Iron Foundry (Iron Fdrs, etc.)
SOUTHBRIDGE—*Putney, Newton E. (Machinist)
SOUTH CARVER—†Ellis Foundry Co. (Iron Fdrs.)
SOUTH EASTON—*White, F. H. & Co. (Machinist)
SOUTH EGREMONT—*Bliss Mfg. Co. (Machinists)
*Dalzell Axle Co. (Carriage Axles, etc.)
SOUTH FRAMINGHAM — *American Roller Bearing Co. (Roller Bearings, etc.)
†South Framingham Foundry Co.
SOUTH SUDBURY—*†Hulburt-Rogers Machine Co. (Machine Tools, etc.)
SPENCER—*Goddard, John E. (Machinist)
SPRINGFIELD—*Barney & Berry (Skates, etc.)
*†Baush Machine Tool Co. (Machine Tools, etc.)
*†Bemis Car Truck Co. (Electric Car Trucks, etc.)
*Bemis & Call Hardware & Tool Co.
*Blair Mfg. Co. (Lawn Mowers)
*Bullock Mfg. Co. (Watchmakers' Tools, etc.)
*Chamberlain, J. H. D. Co.
*§Chapman, J. B. & Co. (Brass Fdrs. & Finishers)
*†Confectioners' Machinery & Mfg. Co. (Confectioners' Machinery)
†Davitt, Hugh (Iron Fdry.)
*Eldredge Elec. Mfg Co. (Elec. Specialties)
*ELEKTRON MFG. CO. (Electric Elevators & Motors, etc.) (See adv. index, end of book)
*§Emory, P. P. Mfg. Co. (Brass Fdrs., etc.)
*Ford, Humphrey (Brick Press Machy, etc.)
*Gilbert & Barker Mfg. Co. (Gas Machines)
*§Hampden Brass Co.
*Hampden Corundum Wheel Co.
*Hannan & Finton (Machinists)
†Hawkins, R. F. Iron Works (Builders' Iron Work)
*Hopkinson Machine Works (Machinists)
*Johnson, Alonzo (Machinist)
*†Knox Automobile Co. (Automobiles)
*New England Roller Grate Co.
*Piper, E. J. (Paper Ruling Machines, etc.)
*Randall, P. D. & Co. (Bolt Cutters, etc.)
*Russell, John W. (Machinist)
*§Springfield Brass Co. (Brass Fdrs. & Finishers)
*†§Springfield Brass Co. (Brass Fdrs. & Finishers)
*Springfield Drop Forge Co.
*Springfield Electrical Mfg. Co. (Electrical Specialties)
*†Springfield Elevator & Pump Co. (Elevators, etc.)
*†Springfield Foundry Co. (Iron Fdrs. & Machinists, etc.)
*Springfield Machine Screw Co.
*§Stebbins, E. Mfg. Co. (Brass Fdrs. & Finishers, Plumbers' Brass Goods)
*United Special Machine Co.(Special Machy)
*†Walsh Boiler & Iron Works (Fdrs. & Machinists & Castings)
*Waltham Watch Tool Co. (Machine & Watchmakers' Tools, etc.)
*†Wason Mfg. Co. (Cars, Car Wheels, etc.)
STOCKBRIDGE—*Yale, L. M. (Machinist)
SUTTON—*Rice, H. F. (Mill Machy, etc.)
TAUNTON—*Foss Valve & Specialty Co. (Valves, etc.)
*†Huber-Hodgman Printing Press (Printing Presses)
*Lincoln & Wood Co. (Drills, etc.)
*†Mason Machine Works (Textile Machy.)
*†New England Stove Co. (Stoves)
*New Process Twist Drill Co. (Machine Tools)
*Strange, E. W. & Co. (Machinists)
*Strange's Machine Works (Box Makers', Stave & Heading Machy, etc.)
*†Taunton Locomotive Mfg. Co. (Special Machy., etc.)
*†Thomas, Oscar G. (Stoves & Iron Fdry.)
*§Trefethen, Dan'l A. (Brass Fdry.)
*†Weir Stove Co. (Stoves)
*†White-Warner Co. (Stoves, etc.)

TURNERS FALLS—*†§Turners Falls Machine Co. (Water Wheels, Paper Mill Machy. & Iron & Brass Castings)
WAKEFIELD—*†§Smith & Anthony Co. (Stoves, Ranges & Plumbing Specialties)
WALPOLE—*Fales, Lewis F. (Machinist)
WALTHAM—*American Watch Tool Co. (Watchmakers' Tools)
*Ames, B. C. & Co. (Machinists)
§Bond, G. W. (Brass Fdry.)
*†Davis & Farnum Mfg. Co. (Cast Iron Pipe, etc.)
*Stark Tool Co. (Machine & Watchmakers' Tools)
*Waltham Emery Wheel Co.
†Waltham Foundry Co. (Iron Fdrs.)
*Waltham Machine Works (Machinists)
*Waltham Mfg. Co. (Motor Cycles, etc.)
WARREN—*†Warren Steam Pump Co. (Steam Pumps, etc.)
WATERTOWN—*†Walker & Pratt Mfg. Co. (Stoves, Furnaces, Radiators, Cooking Apparatus, etc.); office, Boston
WEBSTER—*Bartlett, Geo. H. (Machinist)
*†§Prescott, J. B. & Son (Drilling Machy., Blacksmiths' Tools & Iron & Brass Fdrs.)
WEST BRIDGEWATER—†Alger Iron Foundry Co. (Iron Fdry.)
*Shipman, Geo. (Eyelet Machy.)
WESTFIELD—*Foster Machine Co. (Machinists & Textile Machy.)
*Lounsbury, John H. & Son (Machinists)
*Moore, M. E. & Son (Whip Machy.)
*Palmer, Henry A. (Machinist)
*†Smith, H. B. Co. (Steam Heating Apparatus, Radiators, etc.)
WESTFORD—*†Sargent's, Chas. G. Sons (Wool Working Machy.)
WEST MANSFIELD—*Richardson & Battomley (Shuttle Irons, etc.)
WEST WAREHAM—†Tremont Nail Co.
WEYMOUTH—*Champion Vending Machine Co.
WHITINSVILLE—*†Whitin Machine Works (Textile Machy.)
*Whitinsville Spinning Ring Co.
WHITMAN—*Pearson, Walter (Machinist)
WILLIAMSTOWN — *American Napping Machine Co. (Textile Machy.)
WINCHENDON — *Goodspeed Machine Co. (Woodworking Machy.)
†Hill & Bosley (Iron Fdrs.)
*New England Lock & Hinge Co.
*†Whitney, Baxter D. & Son (Woodworking Machy.)
WINCHESTER—*Goddu, Louis H. (Machinist)
*Whiting Machine Co. (Machinists)
WOBURN—*Freeman, J. T. & Co. (Hide & Leather Working Machinery)
*§Smith & Wallace (Elec. R. R. Supplies)
†Woburn Iron Foundry
*†Woburn Machine Co. (Machinists & Millwrights)
WOLLASTON—†Wollaston Foundry Co.
WORCESTER—*Adams, John J. (Dies, Shoe Machy., etc.), 81 Mechanic
†Allen Iron Foundry, 65 Green
*†Ames Plow Co. (Agl. Implts.) (See Boston)
*American Card Clothing Co. (Card Clothing & Textile Machy.), 518 Main
*†American Stecl & Wire Co., 94 Grove
†Arcade Malleable Iron Co. (Steel & Malleable Iron Castings), Washington sq
†Arnold & Pierce (Iron Fdrs.), Hammond & Railrooad
*Barker, Jno. A., 7 Wash'n sq
*Barr, H. G. (Machine Tools, etc.), Nebraska & Winona
*Bedard, Albert A., 19 Church
*Blaisdell, P. & Co. (Machine Tools, etc.), 62 Jackson
*Booth, Jas. (Comb Machy.), 11 Dewey
*Boynton & Plummer (Machine Tools, etc.), 52 Lagrange
*Bradley, Osgood & Sons (Cars & Car Wheels), 18 Grafton
*Brown, Josiah (Gear Cutting, etc.), 13 Cypress
*Brown, Wm. H. (Cardcrs' Tools), 81 Mechanic
*Brownell, G. L. (Spring Twisting Machy., etc.), 49 Union
*Buckley, T. H. Lunch Wagon Mfg. & Catering Mfg. Co. (Car Builders, etc.), 281 Grafton
*Burlingame, A. Co. (Corliss Engines, etc.), 22 Cypress
§Cahill, J. P. J.
*Carroll, W. T., 17 Hermon
*Chickering, W. F. (Speed Lathes, etc.), 152 Union
*†Cleveland Machine Works Co., 150 Harlow
***COES, LORING & CO., Inc. (Machine Knives, etc.).** (See adv. index, end of book)
***COES WRENCH CO. (Wrenches,** etc.), Coes sq. (See adv. index, end of book)
*Collier, F. W. & Co., 86 Foster
*Colvin, Caleb, Gold & Assonet
†Colvin, J. A. (Iron Fdry.)
*Copeland, Frank, 34 Berkmans
*Crompton-Thayer Loom Co. (Looms, etc.)
*†Crompton & Knowles Loom Works (Textile Machy), Grand & Tainter
*Curtis & Marble Machine Co. (Textile Machinery), 72 Cambridge
*Dawson Machine Co. (Repairing, etc.), 71 Winter
*Dean-Whiting Elevator Co. (Plunger Elevators, etc.), 44 School
*De Long, W. H., 81 Mechanic
*Draper Machine Tool Co. (Machine Tools, etc.), 130 Gold
*Dugar, Edelbert, 54 Hermon
*Economic Machinery Co., 91 Exchange
*Elliott & Hall (Folders), 54 Hermon
*Fairbanks, Geo. L., 166 Union
*Farwell, Theo. C. (Gas & Gasoline Engines), 10 Lincoln
*Fish, H. C. Machine Works Co. (Jobbing), 152 Union
*Gabrielson, Carl, 17 Hermon
*Gessner, David (Textile Machy.), 172 Union
*Greendale Gas Engine Co. (Gas & Oil Engines), W Boylston & Fales
*Harrington & Richardson Arms Co. (Fire Arms, etc.), 320 Park av
*Harwood & Quincy Machine Co., 50 Lagrange
*Heald Machine Co. (Tool Grinders, etc.)
*Hobbs Mfg. Co. (Woodworking Machinery)
*†Holyoke Machine Co. (Turbine & Power Transmitting Machy., etc.), 81 Thomas
*Jacques, John & Son (Shears & Cord Cutting Machy.). 95 Webster
*Johnson, Edwin E., 54 Hermon
*Johnson & Bassett, 114 Foster
.ohnson & Prentice (Machine Tools), 667 Cambridge
†Kabley Foundry Co. (Tool & Machy. Castings), 56 Gold
*Kent, Prentiss J., 17 Hermon
*Kidder, R. E. (Power Hammer & Sawing Machines ,etc.), 35 Hermon
§Kindred & Taylor
*Knight, E. O. (Machinist), 70 Central
*Knowles Loom Works (Textile Machinery) Grand & Tainter
*Lombard, E. K. Woolen Machinery), 64 School
*Luther, B. G. & Co. (Woodworking Machy., etc.), 91 Foster
*McMahon & Co. (Machine Tools), Water & Ledge
*Mason, Marcus & Co. (Coffee Machy.), 172 Union
*Matthews Mfg. Co. (Stove Trimmings & Bicycle Fittings), 104 Gold
*Merritt Air Brake Co., 25 Southgate
*†Morgan Construction Co. (Wire & Rolling Mill Mach'y, etc.), 21 Lincoln
*Morgan Spring Co. (Agl. & Mach'y Springs, etc.), W. Boylston, Barber's
*†Norton Emery Wheel Co. (Emery Wheels, Grinding & Polishing Mach'y, etc.), W. Boylston, Barber's
*Page Electric Co. (Dynamos & Motors, etc.), 24 Pearl
*Pender, H. E. Machine Co., 72 School
†Pero Prespey, 23 Hermon
†Pierce, E. B., 138 Mechanic
*Plunger Elevator Co. (Elevators), W. Boylston, Barber's
*†Pond, L. W. Machine & Foundry Co. (Machine Tools, etc.), Gold & Assonet
*Prentice Bros. Co. (Machine Tools, etc.), 667 Cambridge
*Ramsdell, F. M., W Boylston & Eames rd
*Reed, A. A. (Tools), 61 Myrtle
†Reed Foundry Co.
*Reed, Francis Co. (Machine Tools, Drills), 43 Hammond
*Reed, F. E. Co. (Machine Tools), 122 Gold
*†Rice, Barton & Fales Machine & Iron Co. (Paper & Pulp Mill Mach'y), 65 Tainter
*Richardson, Wm., 21 Cypress
*Robbins, L. (Mach. Tools), 42 Lagrange
*Roy, B. S. & Son (Textile Mach'y, etc.), 775 Southbridge
*Sawyer, Ezra (Magnetic Separators), 31 Hermon
*Sawyer, Thos. J., 47 Hermon
*Snyder, J. E. (Machine Tools), 100 Beacon
†Standard Foundry Co. (Mach'y Castings, etc.), Tainter & Gardner
*Steel, A. H. & Bro. (Textile Mach'y), 54 Hermon
*Stockbridge Machine Co. (Shaping Machines, etc.), 3 Maud
*Stowe, A. F. Mfg. Co. (Machinists), 11 Cypress
*Union Machine Co., 161 Union
*§Union Water Meter Co. (Meters, Regulators, etc.), 33 Hermon
*Walker, Oakley S. & Co. (Machine Tool Grinders), 156 Union
*†§Washburn Shops of the Worcester Polytechnic Institute (Machine Tools & Iron & Brass Castings, etc.), Boynton nr Highland
*Watson, John H. (Special & Experimental Mach'y), 91 Foster
*Watson & Mead, 54 Hermon
*Wesson, Sam'l (Light Mach'y), 34 Southbridge
*Wheeler, J. S. & Co. (Machinists), 100 Beacon
*Whitcomb Mfg. Co. (Machine Tools, etc.), 134 Gold
*Whittaker, Harry, 19 Church
*Windle, J. E. (Cloth Finishing Mach'y), 44 Vine
*Woodward & Powell Planer Co. (Machine Tools, etc.), 99 Webster
§Worcester Brass Co.
*Worcester Electric Mfg. Co. (Electric Switches, etc.), 43 Lagrange
*Worcester Ferrule & Mfg. Co. (Stove Trimmings & Auto & Bicycle Parts), 100 Beacon
*Worcester Machine Screw Co. (Machine Tools), 79 Beacon
†Worcester Malleable Iron Works, Albany & Muskeego
*Worcester Warp Compressing Machine Co., 91 Exchange
*Worcester Weighing & Lifting Machine Co., 518 Main
*Wright, Edward, 30 Bellevue
*Young, W. C. Mfg. Co. (Machine Tools), 17 Hermon
WRENTHAM—*Winter Bros. Co. (Taps & Dies, etc.)

MICHIGAN.

ADRIAN—*Bedel, A. & Son (Machinists)
*Bond Steel Post Co. (Steel Posts, etc.)
†Breedon, Jacob
*Church Mfg. Co. (Pumps, Gas Engines, etc.)
*†Kells Foundry & Machine Co. (Brick, & Drain Tile Machy., etc.)
*National Voting Machine Co.
†Page Woven Wire Fence Co.
ALBA—*Jones, W. E. (Machinist)
ALBION—†Albion Malleable Iron Co. (Agl. Implts. & Carriage Castings)
*†Cook Mfg. Co. (Gas & Gasoline Engines)
*†Gale Mfg. Co. (Agl. Implts., etc.)
*Prouty, T. C. Co. (Door Hangers, etc.)
ALLEGAN—*†Allegan Fdry. & Mach. Co.
ALMA—*†Montingel, J. M. (Machinist)
*†Schwartz, J. F. (Hot Air Furnaces)
ALMONT—†Lee, Robt. E. (Iron Fdry.)
ALPENA—*†Kline, Lewis T. (Steam Hammers, Excelsior Saw Mill & Spool Machy., etc.)
*†Warren, Chas. B.
ANN ARBOR—*†Ann Arbor Mach. Co. (Agl. Implts., Hay Presses, etc.)
*Bailey & Edwards
*Biermann, F. J.
*Wenk & Mast
BAD AXE—†Bad Axe Foundry Co.
BATTLE CREEK—*†Advance Thresher Co. (Agl. Implts, etc.)
*†American Steam Pump Co. (Steam Pumps, etc.)
*†Battle Creek Iron Works Co. (Fdrs. & Machinists)
*Bown Machine Co. (Machine Screw Work & Light Machinery)
*†Davis, W. T. & Co. (Engines, etc.)
*†Duplex Printing Press Co. (Printing Machinery)
*Hart, Russell A.
*†Johnson Fdy. & Machine Works (Fdrs. & Machinists)
*†Nichols & Shepard Co. (Agl. Implts.)
*§Sherman, H. B. Mfg. Co. (Brass Fdrs. & Finishers)
*†Union Steam Pump Co. (Steam Pumps, etc.)
†United States Register Co. (Hot Air Registers)
BAY CITY—*†Bay City Iron Co.
*Brookman, A. F. (Plows, etc.)
*†Garland, M. Co. (Saw Mill & Salt Well Mach'y, Steam Engines, Iron Fdrs., etc.)

*†Industrial Works (Industrial Cars, Cranes, Rail Drills, Shop Saws, etc.)
*§McCartney, Josiah (Bras Fdry. & Finisher)
*†MacKinnon Mfg. Co. (Marine Engines, Castings, etc.)
*†Marine Iron Co. (Mining Mach'y, Hoisting Engines, Iron Fdrs., etc.)
*†Smalley Motor Co. (Gasoline Engines)
†Valley Wind Engine & Iron Co.

BENTON HARBOR—*Benton Harbor Machine Co. (Brick, etc.)

BIG RAPIDS—*Hanchett Swage Works
*†Michigan Heater Co. (Stoves, Ranges & Furnaces)

BLAINE—†Fair, Geo. & Sons, (Plows)

BROOKLYN—†Aylesworth, Julian C. (Iron Fdr.)

BROWN CITY—.†McKnight, Jno. J. & Son (Fdrs. & Machinists)

BUCHANAN—*Black, Geo. H. (Garden Plows)

BURROAK—*†Sheffield Mfg. Co. (Corn Planters, etc.)

CADILLAC—*†Cadillac Machine Co. (Machinists)

CALUMET—§Calumet & Hecla Mining Co.

CAMDEN—*§Reek, Jno. (Machinist)

CARO—*†Riddle, Frank D. (Machinist & Fdy.)

CASS CITY—*†Cass City Fdry. & Machine Co. (Plows, etc.)

CASSOPOLIS—*†Cassopolis Mfg. Co. (Grain Drills, etc.)

CHEBOYGAN—*†§Blake, H. A. (Brass & Iron Fdry.)
*†Smith's, Thompson Sons

CHELSEA—†Glazier Stove Co. (Oil & Gas Stoves)

CHESANING—†Wilson & Co. (Iron Fdrs.)

COLDWATER—*Loring, Sanford (Machinist)
*Regal Gasoline Engine Co.
†Titus, Thurlow (Iron Fdry.)

COLUMBIAVILLE—†Olney, Chas. E. (Iron Fdry.)

COMSTOCK—*†Comstock Mfg. Co. (Steam Engines & Power Transmitting Mach'y.)

CONSTANTINE—*†George & Tweedle

DELRAY—†Michigan Malleable Iron Co. (See Detroit)

DETROIT—†Acme Foundry Co. (Gray Iron Castings), Beecher & M. C. R. R.

DETROIT—†Acme Foundry Co. (Iron Fdrs., Grey Iron Castings), Beecher & M C R R
*Adder Machine Co. (Adding & Listing Machines), 45 E Fort
*American Arithometer Co. (Machinists), 1310 Majestic bldg
*†American Blower Co. (Engines, Blowers, Fans, etc.)
*†American Car & Fdry. Co., 443 Ferry. (See St. Louis, Mo.)
*American Electrical Heater Co. (Elec. Heating Appliances), 19 Spencer
*†American Harrow Co. (Plows, Cultivators, Harrows, etc.), 1486 Hastings
*†§American Injector Co. (Injectors, etc.), Congress & Brooklyn avs
*§American Lubricator Co. (Lubricators & Brass Fdrs. & Finishers, etc.)
*†American Radiator Co. (Radiators & Heating Apparatus), Trombly av nr Russell. (See Chicago)
*†American Shipbuilding Co.
***AMOS, CHAS. & CO. (Builders'** Ornamental Iron & Brass Works), 94 W Larned. (See adv. index, end of book)
*†**ANDERSON, W. H. & SONS (Tool** Mfrs., Hammers, Picks & Forged Tools, etc.), 25 St. Aubin av. (See adv. index, end of book)
*†Art Stove Co. (Stoves, etc.), 1555 Russell
*Austin Separator Co. (Steam & Oil Separators, etc.), 99 W Woodbridge
*Bremer Machine & Tool Co. (Punches & Shears, etc.), 99 W Woodbridge. Works, Kalamazoo
*Briscoe Mfg. Co. (Machinists), 1427 Woodward av
*†Buhl Malleable Co. (Elevating & Conveying Machinery, Gray & Malleable Iron Castings, etc.)
*Buick Motor Co. (Gasoline Motors, etc.), 416 Howard
*Burr's Damascus Tool Works (Molders' Tools ,etc.), 68 E Fort
*†Byram & Co., Inc. (Foundry Mach'y. Cars, Cranes, Tumblings, Barrels, etc.), 435 Guoin
*Caille Bros. Co. (Coin Machines), 1300 2d av
*§Capitol Brass Works (Brass Fdrs. & Finishers, Plumbers' Brass Goods, etc.), 288 Rivard
*Central Machine & Engineering Co. (Machinists), 64 2d
***CHICAGO PNEUMATIC TOOL CO.** (Boyer Branch, Pneumatic Tools), 1301 2d av. (See Chicago, Ill.)
*†Chicago Railway Equipment Co. (Brake Beams & R. R. Equipments), River nr Louis av
*Clark, E. C. Machine Co., 624 River
*Colton, Arthur (Pharmaceutical & Special Light Mach'y), 188 Brush
*†Co-operative Foundry Co. (Castings for Water, Gas & Chemical Works, etc.), Junction av & Wabash R. R.
*Crescent Machine Co. (Machinists), 99 W Adams av
*Cross, M. O. Engine Co., 12 Atwater
*Detroit Automatic Stoker Co., North Grand boul nr Russell
*§Detroit Brass Works (Brass Fdrs. & Finishers, Plumbers' Brass Goods, etc.), 1306 Brooklyn
*Detroit Brass & Iron Novelty Co., 14 W Atwater
*Detroit Edge Tool Works (Edge Tools, etc.), Wight & Mt. Ellivet av
*Detroit Emery Wheel Co. (Emery Wheels & Emery Wheel Mach'y), Jefferson & Fields av
*Detroit Forging Co. (Forgings, etc.), 280 Jefferson av
*†§Detroit Fdry. & Mfg. Co. (Gray Iron Castings)
*Detroit Heating & Lighting Co. (Steam Heating Apparatus, Gas Machines, etc.), Wight & Leib
*§Detroit Lubricator Co. (Lubricators & Steam Separators), Hodges bldg
*Detroit Meter Co. (Gas & Electric Meters, etc.), 206 W Larned
*Detroit Motor Works (Motors, Spark Plugs & Gas Engine Specialties, etc.), 154 Jefferson av
*†Detroit Register Co. (Hot Air Registers, etc.) Works, Milan, Mich.
*Detroit River Iron Works (Steam & Gas Engines), 665 E Atwater
*Detroit Screw Works (Screws & Special Mach'y), 346 Franklin
*Detroit Separator Co. (Steam Separators, etc.), Home Bank bldg
*†Detroit Shipbuilding Co. (Iron & Steel Ships, Marine Engines & Iron & Brass Founders & Finishers), ft Orleans
†Detroit Steel Castings Co. (Steel Castings), 1245 Michigan av
*†Detroit Stove Works (Stoves, Ranges, etc.), 1328 Jefferson av
*Detroit Twist Drill Co. (Twist Drills, Chucks, Reamers, etc.), 226 21st
*†Detroit Vapor Stove Co., 411 Franklin
*Dodge Bros. (Special Mach'y), 234 Monroe av
†Enterprise Foundry Co. (Light Grey Iron Castings), Beaufait & Warren avs
*§Essex, G. B. Brass Co. (Lubricators & Brass Fdrs. & Finishers), 482 Franklin
*Fisher Electrical Works (Dynamos & Motors), 183 W Larned
*Fuller Co. (Engines & Electric Ventilating Apparatus, etc.), 1566 Russell
§Galvin Bros. (Brass Fdrs.), 131 Brush
*Gardner Elevator Co. (Elevators, etc.), 21st & River
*§Globe Brass Works (Brass Fdrs. & Finishers, Steam & Plumbing Goods), 15 Macomb
§Graebert & Purdie (Brass Fdrs.), 16 Sherman
*†§Great Lakes Engineering Works (Iron & Brass Founders & Marine Engines & Steel Shipbuilders), Rivard & Detroit River
*†Griffin Wheel Co. (Car Wheels, etc.), Beecher av & M. C. R. R. See Chicago, Ill.
*§Hardoin, Nicholas (Brass Fdry. & Finisher), 44 Randolph
*†Harvey's, A. Sons Mfg. Co. (Steam Heating Apparatus, etc.)
*Heath Electric Co. (Electric Bells & Elec. Specialties), 336 Grand River av
*Huetteman & Cramer Co. (Brewery & Refrigerating Machinery), Beaufait & Mack av
§†Ideal Mfg. Co. (Gas Stoves & Ranges, Plumbers' Brass Goods & Iron & Brass Fdrs.), 548 Franklin
*§Ireland & Matthews Mfg. Co. (Plumbers' Specialties, Stove Trimmings, Saddlery, Hdw., etc.), Wight & Mt. Elliott
*†Jenks & Muir Mfg. Co. (Brass & Iron Bedsteads)
§Johnston, Fredk. G. (Brass Fdry.), 56 2d
*†Kahl, Fred'k (Iron Fdry. & Machinist), 14 St. Aubin av
*§Kennedy & Greig Co. (Machinists & Brass Fdrs.), 211 2d
*Lauer, Jno. (Special Fine Mach'y, etc.), 110 St. Antoine
*Lauhoff Bros. (Flour Mill Mach'y), 29 Chene
*†Leland & Faulconer Mfg. Co. (Machine Tools, Motors & Grey Iron & Semi-steel Castings, etc.), Trombly av & D. G. H. & M R R
*Liebig, Wm. & Co. (Eng. & Machinists), 14 Macomb
*Limbacher, Jos. (Machinist), 60 Woodbridge av
*Lloyd Construction Co. (Gas Works Mach'y), 860 Greenwood av
*§McRae & Roberts Co. (Brass Fdrs. & Steam & Plumbing Brass Goods, etc.), 229 Campbell av
*Malcolm, Gilbert G. (Machinist), 273 Baldwin av
*§Marsh Valve Co. (Brass Fdrs. & Finshers, Valves, Ball Cocks, etc.), 204 Brush
*Marvin, B. W. (Machinist & Brass Finisher), 165 W Larned
*Mead & Co. (Machinists), 19th & Newark
*Michels, Jacob & Co. (Machinists), 308 Randolph
*†Michigan Bolt & Nut Works, ft Meldrum av
*§Michigan Lubricator Co. (Lubricators, etc.), 661 Beaubien
†Michigan Malleable Iron Co. (Malleable Iron Castings, etc.), Crossley & Anderson avs
*†Michigan Stove Co. (Stoves & Ranges), 1022 Jefferson av
*Middleditch, Benjamin (Machinist), 97 Meldrum av
*Mitchell, Robt. Machinery Co. (Shoe Machinery), 73 W Larned
§Moore, J. K. & Son (Brass Fdry.), 130 Beaubien
*§Mount, Jno. D. & Co. (Brass Fdrs. & Finishers, Plumbers' Brass Goods, etc.), 48 Porter
*Mueller, Chas. R. & Sons (Printing & Lithographing & Special Mach'y, etc.), 75 Shelby
†Murphy Iron Works, ft of Walker
*Murray Automatic Boiler Feed Co. (Boiler Feeders, etc.), 892 Scotten av
*§National Fulton Brass Mfg. Co. (Brass Fdrs. & Finishers, Brass & Bronze Castings & Bearings), 22 Brush
*Northern Engineering Works (Foundry Equipment, Cranes, Hoists, etc.), Chene & Atwater
*Northern Mfg. Co. (Automobile Motors, etc.), Champlain & Canton av
*†Northwestern Foundry & Supply Co. (Cast Iron Soil Pipe & Fittings, etc.), Orleans & Grand boul
*Oelman & Co. (Dough Mixing & Special Mach'y), 226 St. Antoine
*§Olds Motor Works. (Automobile Motors, Gasoline Engines & Brass Founders, etc.), Jefferson & Concord avs
*Osborn, F. C. Co. (Special Mach'y), 71 Shelby
*§Penberthy Injector Co. (Injectors & Brass Fdrs., etc.), 350 Holden av
*Peninsular Emery Wheel Co. (Emery Wheels & Emery Wheel Mach'y), 253 Meldrum
*†Peninsular Stove Co. (Coal & Gas Stoves, Ranges & Furnaces)
*Proctor-Raymond Mfg. Co. (Electric & Hdw. Specialties), 42 W Larned
*†Railway Steel Spring Co. (Railway Springs, etc.), Michigan & Hubbard avs. (See New York City)
*Raulet & Nicholson (Machinists), 24 E Park pl
*Reinhold Mfg. Co. (Ice Chopping Machines, etc.), 135 Beaubien
*Reliance Gas Engine Co. (Gas & Gasoline Engines), 139 Beaubien
*†Rice, D. E. & Co. (Combined Pump & Heater, etc.), 193 Atwater
*†**RUSSEL WHEEL & FOUNDRY** CO. (Iron Fdrs. & Builders' Iron & Steel Structural Work, Industrial Railways, Coal Handling Machinery, etc.), Jos Campau av & M. C. R. R. Belt Line. (See adv. index, end of book)
*Schiemer-Yates Co. (Coin Machines), 54 Champlain
*§Scully, W. J. Ventilator & Mfg. Co. (Brass Fdrs. & Finishers, Plumbers' Brass Goods), Beecher & M. C. R. R.
.Sherwood Brass Works (Brass Finishers, etc.), 1167 Jefferson av
*Smillie, C. M. & Co. (Machinists), 162 W Larned

*Smith, Jos. N. & Co. (Brass Finishers & Platers, Automobile & Bicycle Work, etc.), 31 W Larned
*§Standard Brass Works (Brass Fdrs., etc.), 528 E Woodbridge
*Standard Computing Scale Co. (Computing Scales). 46 Champlain
*†Standard Foundry Co. (Iron Fdrs. & Heaters, etc.), 432 Guoin
*†Standard Sanitary Mfg. Co. (Enameled Iron Bath Tubes & Plumbers' Enameled Ware), 944 Champlain. See Pittsburg, Pa.
*†Stephens, Roe Mfg. Co. (Brass Fdrs. & Finishers & Steam & Plumbers' Brass Brass Goods, etc.), 1072 McKinley av
*§Sterling & Skinner Mfg. Co. (Brass Fdrs. & Finishers & Steam Brass Goods), Russell & North Grand boul
*Stimpson, W. F. Co. (Computing Scales), 24 Antietam
*†Sun Stove Co. (Gas, Oil & Gasoline Stoves & Heaters, etc.), 1307 Bellevue av
*†§Thomas, C. W. (Brass & Iron Fdrs. & Finishers), West Detroit
*United States Heating Co. (Electric Heating Devices, etc.), 260 Randolph
*†United States Heater Co. (Steam & Hot Water Heaters, etc.), 257 Campbell av
*Voelkener & Reinke Mfg. Co. (Machinists & Special Mach'y, Cabinet Hdw. & Brass Goods). 125 W Woodbridge
*§Wain, Chas. E. & Co. (Machinists, Brass
§Walz, Christopher (Brass Fdry.), 278 Division
*Watson, Nelson M. (Machinery Specialties), 72 Brush
*†Whitehead & Kales Iron Works (Iron Fdrs. & Steel Structural Work), M. C. R. R. & Beecher av
*Woodbridge & Coelins Machine Co. (Fine Mach'y, etc.), 129 Brush
*Wright Mfg. Co. (Steam Traps & Steam Specialties), 99 W Woodbridge

DISCO—*†Munger, Jno.

DOWAGIAC—*†Beckwith, P. D. (Est. of) (Stoves)
*†Dowagiac Mfg. Co. (Agl. Implts., Seeding Machinery, etc.).
*Lee & Porter (Auto & Bike Parts & Ball Bearing Axles, etc.)

EAST JORDAN—†Malpass Bros.

EVART—Champion Tool & Handle Works
Evart Tool Co.
*†West, C. E. (Machinist & Founder)

FENTON—*†Walker Mfg. Co. (Pumping Engines & Castings, etc.)

FLINT—Armstrong, J. B. Mfg. Co. (Carriage Springs, etc.)
†Genesee Iron Works (Iron Fdrs.)

FRANKFORT—†Markham, F. E. (Iron Fdry.)

GALESBURG—*†Standard Windmill & Mfg. Co. (Gray Iron Castings, Pumps, etc.)

GLADSTONE—Marble Safety Axe Co.

GRAND HAVEN—†Campbell, Archie (Iron Fdy)
*Challenge Machinery Co. (Printing Presses, etc.)
*Dake Engine Co. (Pneumatic Cranes, Hoists & Motors, Stearing Gears, etc.)

GRAND LEDGE—*†Streeter, Hiram B.
Van Ator Edge Tool Works

GRAND RAPIDS—*†Aldine Grate & Mantel Co.
*Austin & Son (Saw Mill Mach'y, etc.)
*Baldwin, Tuthill & Bolton (Saw Mill Mach'y, etc.)
*†Butterworth & Lowe, Inc. (Iron Fdrs. & Mfrs. of Woodworking Mach'y)
*†Crescent Machine Works (Edw. Tannewitz, Prop.), (Fdry. & Machinist)
*Dodds, Alex. (Woodworking Mach'y, etc.)
*Elliott Machine Co.
*†Fox Machine Co. (Machine Tools, etc.)
*§Grand Rapids Brass Co. (Brass Fdrs. & Finishers)
†Grand Rapids Foundry Co. (Iron Fdrs.)
*†Grand Rapids Foundry & Machine Co. (Gasoline Engines, Light & Heavy Castings, etc.)
*Grand Rapids Gas Engine & Yacht Co. (Gas & Gasoline Engines)
*Grand Rapids Hdw. Co. (Sash Pulleys & Hdw. Specialties)
†Grand Rapids Malleable Co.
*†Haney School Furniture Co.
*§Harring-Attwood Brass Mfg. Co. (Brass Finishers, etc.)
*†Hartmann, Henry J. (Iron Fdry. & Machinist)
*§Keeler Brass Co. (Brass Fdrs. & Finishers, etc.)
*Knape, Jno. Machine Co. (Machinists)
*†Leitelt, Adolph (Iron Fdry. & Builders' Iron Work, etc.)
*†Michigan Stove & Caster Co. (Stoves, Furniture Casters, etc.)
Munson Co. (Edge Tools, etc.)
*Oliver Machinery Co. (Woodworking & Pattern Shop Machinery)
*†Perkins & Co. (Shingle Mill Mach'y.)
*Porter, C. O. & A. D. (Woodworking Mach'y.)
*Reliable Engine Co.
†Rempis & Gallmeyer Foundry Co. (Iron Fdrs., etc.)
†Rhodes Mfg. Co. (Hot Air Frnaces)
*Sintz, Claude (Gasoline Engines, etc.)
*Valley City Machine Works (Machinists)
*West Michigan Machine & Tool Co. (Machinists)
*Western Machine & Tool Co. (Machinists)
*Wilmarth & Morman Co. (Drill Grinders)
*§Wolverine Brass Works (Brass Fdrs. & Finishers)
*Wolverine Motor Works (Gas & Gasoline Engines & Motors)

GREENVILLE—*†Gordon, E. J. & Co. (Hollow Blast Grates)
*†Gordon Hollow Blast Grate Co. (Grates & Agl. Implts.)
*†Greenville Implement Co. (Agl. Implts.)
*†Moore Plow & Implement Co. (Agl. Implts., Plows, etc.)
*†Tower, R. J. (Fdry. & Machinist)

HANCOCK—*†Portage Lake Foundry & Machinery Co. (Mining Mach'y, Castings, Chilled Car Wheels, etc.)
§Ward, Williams & Cruse Co.

HARBOR BEACH—†Paddock & Lermont (Iron Fdrs.)

HARBOR SPRINGS—*Shay, E. & Son (Machinists, etc.)

HILLSDALE—*†Alamo Mfg. Co.
*Hillsdale Steel Boot Co. (Steel End Gates for Wagons, etc.)

HOLLAND—*†Buss Machine Works (Machinists)
*Huntley, Alfred (Machinist)
*Western Machine Tool Works (Machine Tools)

HOLLY—†McGonegal, Jas. & Son (Iron Fdrs.)

HOUGHTON—†Carroll Foundry & Machine Co. (Iron Fdrs.)

HUDSON—*Lane, N. (Machinist)

IONIA—*†Arnold's, G. W. Son (Agl. Implements, Castings, etc.)

ISHPEMING—*Walseth, Ole (Machinist, etc.)

ITHACA—*†Wells, Henry B. & Son (Fdrs. & Machinists)

JACKSON—*Aspinwall Mfg. Co. (Potato Machinery, Planters, Diggers, etc.)
*Austin-Tomlinson & Webster Mfg. Co. Wagon Springs, etc.)
*Blessing, Louis (Flour Mill & Paper Box Mach'y, etc.)
†Brady Cement Stone Machine Co. (Ltd.)
*Coltrin, R. B. Mfg. Co. (Hollow Block Cement Moulding Machinery)
*†Dennis Machine Co. (Iron Fdrs., Wood Working Mach'y, etc.)
*†Holton & Weatherwax (Iron Fdrs. & Machinists)
*†Hutchinhon, Jno. Mfg. Co. (Flour Mill Mach'y)
*Jackson Flue Scraper Co. (Boiler Flue Scrapers, etc.)
*Knickerbocker Co. (Flour Mill Mach'y)
*Lewis Spring & Axle Co. (Axles, Springs, etc.)
*McKercher Wrench & Tool Co. (Wrenches, Tools, etc.)
*†Novelty Mfg. Co. (Stoves, Hot Air Registers)
*Walcott, Geo. D. & Son (Machine Tools, Lathes, etc.)
*Witherington & Cooley Mfg. Co. (Garden & Farm Tools, etc.)

KALAMAZOO—*Bennett & Co. (Cigar Vending Machines)
*Burtt Mfg. Co. (Gasoline Engines, Tire Setters, etc.)
*†Clarage Fdry. & Mfg.Co. (Iron Fdrs. & Machinists, etc.)
*†Clarage, Thos. & Son (Iron Fdrs. & Machinists & dynamo & motors, etc.)
*†Clark Engine & Boiler Co. (Steam Engines, etc.)
*†Dutton, C. H. Co. (Steam Engines, etc.)
*General Gas Light Co. (Gas Lighting Appliances)
*Harrow Spring Co. (Harrow Springs & Teeth, etc.)
*Hicks, O. & W. D. & Co. (Agl. Implts., Faning Mills, etc.)
*†Hill, W. E. & Co. (Saw Mill Machinery. Pumps, etc.)
*Humphrey Co. (Instaneous Water Heaters, etc.)
*†Kalamazoo Fdry. & Machine Co. (Iron Fdrs. & Machinists & Dynamos & Motors etc.)
*†Kalamazoo Railway Supply Co. (Hand & Motor Cars & Railway Supplies, etc.)
*Kalamazoo Spring & Axle Co. (Carriage Springs & Axles, etc.)
*†Kalamazoo Stove Co. (Stoves, etc.)
*Merrill-Stevens Mfg. Co. (Steel Cattle Guards, Snow Shovels, etc.)
*†§Michigan Foundry Co. (Brass & Iron Fdrs. & Machinists)
§Model Brass Co.
*Newton Steel Wheel Co. (Steel Buggy Wheels, etc.)
*Phelps & Bigelow Windmill Co. (Windmills, Pumps, etc.)
*Power & Speed Regulator Mfg. Co. (Speed Regulators, etc.)
*Reed Mfg. Co. (Agl. Implts., Cultivators, Seeders, etc.)
†Riverside Foundry Co. (Iron Fdrs.)
*Root, Fred N. (Track Scrapers)
Shakespeare, Wm., Jr. (Fishing Reels, etc.)
*Smith & Pomeroy Windmill Co. (Wind Mills, Feed Mills, etc.)
*§Star Brass Works (Brass Fdrs. & Finishers)

KALKASKA—*†Case Fdry. & Machine Co.
*Johnson, E. F. (Machinist)

LANSING—*American Specialty Co. (Elec. Massage Machines)
*Bates & Edmonds Motor Co. (Gas & Gasoline Motors)
*Beilfuss Motor Co. (Gas & Gasoline Engines)
*Bidwell, C. H. (Bean Threshers, etc.)
†Capitol Casting Co.
*†Hildreth Motor & Pump Co.
*†Jarvis Engine & Machine Works (Engineers, Fdrs. & Machinists)
†Lansing Foundry Co. (Iron Fdrs.)
*Lansing Motor & Pump Co. (Gasoline Motors, etc.)
*†Lansing Wheelbarrow Co. (Gasoline Motors, etc.)
*†Maud, S. Windmill & Pump Co.
*†Olds Motor Works (Automobiles, Motors & Gas Engines)
Rork, J. & Bro. (Windmills, etc.)
*§Simon, Abram (Brass Fdry.)
*Thenan, Chas. (Punching Machines, etc.)

LAPEER—*†Bostick, A. & Son (Stoves & Castings)
*†McDonald's, Wm. Sons (Steam Engines)

LEWISTON—*Hadden, Robt.

LOWELL—Lowell Specialty Co. (Hardware Specialties, etc.)

LUDINGTON—†Industrial Iron Works

LYONS—*†Beach Mfg. Co. (Agl. Implts., etc.)

MANCELONA—*Eclipse Motor Co. (Gasoline Engines)

MANISTEE—Batty, Wm. (Saws, Tools, etc.)
*†Manistee Iron Works Co. (Saw Mill Mach'y, Steam Engines, Iron Fdry., etc.)

MARCELLUS—†Chapman Portage Forge Works

MARINE CITY—*†Wood, Jos. & Sons (Fdrs. & Machinists)

MARLETTE—*†Hood & Blake (Plows, etc.)

MARQUETTE—*†Lake Shore Engine Works (Marine & Stationary Engines, Iron Fdrs., etc.)

MARSHALL—*Chrystall, Andrew (Electrical Appliances)
Dobbins, J. L. Furnace Co.
*†Marshall Furnace Co.

MASON—†Fingerle, Jno. C. (Iron Fdry.)

MAYVILLE—*†Johnson, Wm. J.
*Markham, Geo. B.

MENOMINEE—*Dudley, A. Mfg. Co. (Tools, Wrenches & Bicycle Specialties)
*Henes & Keller Co. (Bottlers' Mach'y)
*†Prescott Co. (Saw Mill & Mining Machinery, Castings, etc.)

MIDLAND—*†Dent, Jno.
*†Powers, E. H. & Co.

MILAN—*†Detroit Register Co. (Hot Air Registers)

MONROE—*†Monroe Fdry. & Furnace Co. (Hot Air Furnaces & Castings, etc.)
*†Wilder-Strong Implement Co. (Agl. Implements, etc.)

MONTAGUE—*†Montague Iron Works Co. (Fdrs. & Machinists, Steam Engines, etc.)

MOORE PARK—*Fisher, F. R.

MORENCI—†Chappell Furnace Co.
*Clark, Jas. F. (Machinery)
*Goodyear, Dan'l C. (Machinist)
*†Michigan Brick & Tile Machine Co. Brick & Tile Mach'y & Iron Fdrs.)

MT. CLEMENS—*†Donaldson Bros. (Agl. Implements, Plows, Cultivators, Harrows, etc.)
*Phillips & McCreedy (Machinists)

MT. MORRIS—*†Hughes, Jno. (Fdry. & Machinist)
MUSKEGON—*Barcus Bros. (Saw Mfrs., etc.)
*Buss Mach'y Co. (Machinists)
†Clover, Chas. S. (Iron Fdry.)
*Electric Alarm Co. (Elec. Alarms, etc.)
§Enterprise Brass Works (Brass Fdry., etc.)
†Enterprise Foundry Co. (Machinery Castings, etc.)
*†Morton Mfg. Co. (Machine Tools, Woodworking Mach'y, etc.)
*Racine Boat Mfg. Co. (Launches, Engines, etc.)
*†Rodgers Iron Mfg. Co.
*Shaw Electric Crane Co. (Elcctric Cranes, etc.)
†Standard Malleable Iron Co. (Malleable Iron Castings)
NILES—*†Freeland Mfg. Co. (Tanks, Feed Cookers, etc.)
*†Garden City Fan Co. (See Chicago, Ill.)
*†Welling, A. H.
NORTH BRANCH—†Butler & Hagaman (Iron Fdrs.)
NORTHVILLE—*Rogers, C. T. Co. (Machinists & Machinery)
PAW PAW—†Snow Bros.
PETOSKEY—†Middleditch, P.
PINE RUN—†Tinker, Wm
PLYMOUTH—*†Daisy Mfg. Co. (Air Rifles)
*†§Hamilton, C. J. & Son (Air Rifles)
*†§Markham Air Rifle Co.
PONTIAC—*†Howland, E. & Sons (Fdrs. & Machinists)
*†Howland Mfg. Co. (Plows, Harrows, Cultivators, etc.)
*Pontiac Spring & Wagon Works (Wagon Springs, etc.)
*Vehicle & Implement Spring Co. (Wagon & Implement Springs)
PORT HURON—*Draper Mfg. Co. (Valve Facing Tools ,etc.)
*†Fitzgerald, J. H. & T. J.
*†Jenks Ship Building Co.
§Lec Mfg. Co. (Pneumatic Tools, Injectors, Valves, etc.), S Park
*†Port Huron Engine & Thresher Co. (Agricultural Implements, Traction Engines, etc.)
*Port Huron Saw Co. (Circular Saws & Gas Engines)
*Port Huron Steel & Screw Co. (Polished Steel Shafting, Bicycle Parts & Cap Screws)
†Rudge, Jno. (Iron Foundry)
ROCHESTER—†Jackson & Co.
ROMEO—*McClellan Mfg. Co. (Agl. Implts., etc.)
ROMULUS*†—Seestedt Bros. (Iron Fdrs. & Machinists)
SAGINAW—*†Allington & Curtis Mfg. Co. (Blowers, Exhausters, Dust Collectors, etc.)
*Ayres Gasoline Engine & Automobile Works (Gas & Gasoline Engines, etc.)
*†§Bartlett, A. F. & Co. (Engines, Mining, Salt Well & Saw Mill Mach'y & Iron & Brass Castings, etc.)
*Eureka Heating & Ventilating Co.
*Farmers' Handy Wagon Co. (Agl. Implts. & Farm Wagons, etc.)
Ferrell, A. T. & Co. (Fanning Mills, etc.)
*Heginbottom, Sam'l H. (Machinist)
Hurtibise, Alex. (Stump Pullers)
*†Jackson & Church Co. (Engines, Saw Mills, Mining Mach'y, Castings, etc.)
*§Koehler Bros. (Brass Fdrs. & Finishers, etc.)
*Ladd Bros. (Creamery Mach'y & Supplies)
*†Mershon, W. B. & Co. (Woodworking Mach'y, etc.)
*†Michigan Wheelbarrow & Truck Co.
*†Mitts & Merrill (Agl. Implts. & Fdrs. & Machinists, etc.)
*Moffett Vehicle Bearing Co. (Vehicle Bearings, etc.)
§Murray & Maruna (Brass Fdrs.)
*National Engineering Co. (Gasoline Engines, Windmills, etc.)
Presser, W. H. & Sons (Saws, etc.)
Stocker Bros. & Co. (Lumbermen's Tools, etc.)
*†Wickes Bros., Inc. (Steam Engines, Saw Mill Machinery, etc.)
ST. CLAIR—†Wonder Plow Co. (Plows, etc.)
ST. JOHNS—*Cooper, Geo. D. (Machinist)
*Mason, F. C. & Co. (Agl. Implts. & Parts)
*Richmond & Holmes (Steam Engines, etc.)
*†St. Johns Iron Works (Churns & Creamery)
ST. JOSEPH—*Engberg's Elec. & Mechanical Works (Machinists, etc.)
*†St. Joseph Iron Works (Iron Fdrs. & Machinists)
*Saranac Machine Co. (Stapling Machinery & Elec. Specialties, etc.)
*Spaulding Gas Engine Works (Gasoline & Marine Engines)
*†Truscott Boat Mfg. Co. (Marine Engines & Motors, etc.)
SAULT STE MARIE—*Chippewa Engine Wks.
*†Hickler Bros. (Machinists, etc.)
STANDISH—*†Standish Mfg. Co. (Agl. Implts.)
STURGIS—*†Freeland, B. F. & Son Co. (Iron Tanks, Heaters, etc.)
*†Miller-Hubbard Mfg. Co.
TECUMSEH*†—Brewer, Horace & Co., Inc. (Brick Presses & Clay Working Mach'y, etc.)
*†Hcesen Bros. & Co. (Feed Cookers, Hog Ringers, etc.)
THREE RIVERS—*Armstrong Machine Works (Wire Spokes & Nipples, etc.)
*†Roberts Car Wheel Co. (Inspection Cars, Light Car Wheels & R. R. Specialties)
*†Sheffield Car Co. (Inspection Cars & R. R. Specialties)
*†Three Rivers Fdry. & Machine Co. (Fdrs. & Machinists)
*†Three Rivers Railway Supply Co. (R. R. Specialties, etc.)
TRAVERSE CITY—*Jackson, Wm. (Machinist)
*Potato Implement Co. (Corn & Potato Planters, etc.)
†Rounds, Richard & Son (Iron Fdrs.)
*†Traverse City Iron Works (Iron Fdrs. & Machinists)
UNION CITY—*Green, B. F. (Machinist)
*Merrill, L. H. (Machinist)
VASSAR—*†Miller Co. (Fdrs. & Machinists)
*†Parker, Jno. (Plows, etc.)
VICKSBURG—*†Eclipse Governor Co.
*Spade Engine Co. (Gasoline Engines)
WAYLAND—†Clark, A. H.
WEST BAY CITY—*Davidson, Jas. (Shipbuilder)
†Excelsior Fdry. Co. (Iron Fdry.)
*West Bay City Ship Building Co. (Shipbuilders)
WEST BRANCH—*Grice, Wm. M. (Machinist)
WHITEHALL—*Linderman Mfg. Co. (Woodworking Mach'y)
WYANDOTTE—†Michigan Alkali Co. (Foundry Dept.)
YALE—†Menery, R. H.
YPSILANTI—*†McCulough, E. B.
*†Michigan Machinery Mfg. Co. (Machinists & Gray Iron Castings, etc.)
*Thompson, Oliver E. & Sons (Agl. Implements, etc.)
*†Ypsilanti Machine Works (Flour Mill Machinery, etc.)

MINNESOTA.

ALBERT LEA—*Edwards, C. D. (Stump Pullers & Ditching Machines)
*Hauge, G. A. (Plows, etc.)
*†Sharp Mfg. Co. (Pumps & Windmills)
*†Veness, J. W. (Machinist & Fdry.)
ARGYLE—*McKay, J. W. (Machinist)
AUSTIN—Carlson, C. A. (Machinist)
*†Hall, A. (Machinist & Fdry.)
*†Johnson & Smith Co. (Plows, Harrows, etc.)
*Keenan & Reilly Carriage & Machine Co.
BLOOMING PRAIRIE—*Srsen Bros. (Machinists)
BRAINERD—†Parker & Topping (Iron Fdrs., Light & Heavy Castings, etc.)
CALEDONIA—*Caledonian Wagon & Iron Wks.
CANNON FALLS—*Anderson, Jno. J. (Machinist)
CHASKA—*†Ess Bros.
COLOGNE—*Kohls, Wm. (Machinist)
CROOKSTON—†Espe, A. O.
*Maple Bay Wind Stacker Co. (Straw Stackers, etc.)
DULUTH—*†Clyde Iron Works (Inc.) (Fdrs. & Machinists, Concrete Mixed, etc.)
*§Duluth Brass Works (Brass Fdrs.)
*Duluth Stoker Co. (Automatic Stokers)
*Reliance Engineering Co. (Steam Traps,
†Thomsen, T. J. Valves, etc.)
EDGERTON—†Anderson & Collins
FARIBAULT—†Nutting Truck Co.
*†Rawson & Anderson (Machinists & Fdrs.)
*Winter, F. W. & Co.
FARMINGTON—*†Needham & Westcott
FERGUS FALLS—*†Fergus Iron Works Co. (Fdrs. & Machinists)
GLENCOE—*†Glencoe Fdry. & Machine Co.
HASTINGS—*†Chiquet Bros.
*†Stroud, H. K. & Son (Gasoline & Marine Engines, etc.)
HOPKINS—*†Minneapolis Threshing Machine Co.
HUTCHINSON—*†Hutchinson Mach. & Fdry. Co. (Fdrs. & Machinists)
KASSON—*†Johnson, A. A. (Fdry. & Machinist)
LA CRESCENT—*Smith, W. Grubber Co. (Stump Pullers, etc.)
LAKE CITY—*†Gillett & Eaton (Fdrs. & Machinists)
LITCHFIELD—*†P. & K. Iron Works (Fdrs. & Machinists)
LITTLE FALLS—*†Denis, Jno. (Fdry. & Machinist)
MANKATO—*†Mankato Mfg. Co. (Machinists & Founders)
*†Mayer Bros. (Trip Hammers, Castings, etc.)
MINNEAPOLIS—*†Aetna Machine & Iron Works, 1517 S 3d
*†American Bridge Co., 2d nr 6th av, S E
†Austin Foundry Co.
*§Baum's Brass & Model Works (Brass Fdrs. & Finishers), 244 S 3d av
*§Beebe Indelible Check Protector Co. (Brass Finishers & Machinists), 528 S 5th
*Bolton Lath & Shingle Machinery Co., 166 Western av
*Borreson Mfg. Co. (Machinists), 221 N 1st av
†Bryant, J. W. & Co. (Iron Fdrs.), 2601 University av, S E
*Canney, J. F. (Machinist), 315 S 3d av
*†Central Machine Works Co. (Woodworking Mach'y), 1234 Central av
*§Commutator Co. (Commutators, etc.), 121 N 1st
*†Crown Iron Works Co. (Iron Fdrs. & Builders' Iron Work), 109 2d av, S E
†De Shaw, Wm. D. (Iron Fdry.), 3007 Minnehaha av
*†Diamond Iron Works (Grain Elevator, Saw Mill Mach'y, etc.), 1800 N 1st
*Electric Heat Regulator Co., 706 E Lake
*Electric Machinery Co. (Electric Generators, etc.), 13th av & Polk, N E
*Enterprise Machine Co., 1118 S 3d
†Flour City Ornamental Iron Works, 2635 S 27th av
Fosston Windstaker Co., 406 N 1st
*Garbett & Schneider, Power bldg, Nicolett Island
*Hall, W. S. (Machinist), 420 S 2d
*†Howell, R. R. & Co. (Agl. Implts., etc.), 728 E 16th
*†Kinnard-Haines Co. (Hay Presses, etc.), N 44th av nr N Bryant av
*§Kriesel, G. F. (Brass Fdry. & Machinist). 129 S 5th av
*Lagerquist, Gus. (Elevators, etc.), 514 N 3d
†Lang Bros., 506 Central av
*†Lenhart Wagon Co.
Lloyd Mfg. Co. (Automatic Wire Mach'y), 1610 Central av
*Midland Machinery Co. (Flour Mill & Grain Elevator Mach'y), 412 S 3d
*†Minneapolis Bedding Co. (Brass & Iron Bedsteads)
*§Minneapolis Brass & Iron Mfg. Co. (Brass Fdrs. & Finishers), 116 N 1st av
Minneapolis Electric & Construction Co. (Wire Measuring, Medical Batteries, etc.), 15 S 4th
*Minneapolis Plow Works (Plows, Harrows, etc.), 116 N 3d av
*†**MINNEAPOLIS STEEL & MA**chinery Co. (Corliss Engines & Heavy Castings, etc.) (See adv. index, end of book)
*†Minneapolis Threshing Machine Co. (Agl. Implts., Threshers, etc.), 228 N 2d
†Minnesota Malleable Iron Co., Guaranty bldg
*†Monitor Drill Co. (Grain Drills, Cultivators, etc.). Works, St. Louis Park, Minn.
*Moore Carving Machine Co. (Woodworking Mach'y), 1919 Portland av
*§National Brass & Metal Co., Inc. (Brass Fdrs. & Finishers, Plumbers' Brass Goods), 256 S 3d av
§North Star Mfg. Co. (Brass Fdrs.) 21 High
*Northern Gas Machine Co., Northwestern bldg
†Northwestern Foundry (Iron Fdrs.), 312 S 10th av
*†Owens, J. L. Co. (Grain Cleaning Mach'y, etc.), Dartmouth av., cor Superior
*†Peteler Portable Railway Co.
Puffer-Hubbard Mfg. Co. (Trucks, etc.), 26th cor S 32d av
*Reid, Jno. (Machinist), 109 N 1st av
*†Salisbury & Saterlee (Iron Bedsteads)
*†Standard Fdry & Machine Shop, 1032 3d av N E

*Thompson & Hallickson, 43 S 4th st
*†§Twentieth Century Brass & Iron Works (Brass Fdrs. & Launch & Yacht Trimmings, etc.), 214 S 1st av
†Union Iron Works
*Valentine Bros. (Gas Engines, etc.), 118 N 1st av
*Wallof, E. G. (Machinist), 109 N 3d av
*†Washburn Company (Car Couplers & R. R. Specialties)
*Willford Mfg. Co. (Flour Mill Mach'y), 303 S 3d
*Woolman, Ellis (Railway Equipments, etc.)
MOORHEAD—Anderson, A. G.
NEW PAYNESVILLE—†Seavey, C. W.
NEW PRAGUE—†New Prague Foundry Co.
NEW RICHLAND—*Adams & Michaelis (Machinists)
NEW ULM—*Kobarsch, Theo. (Machinist)
†Leonhardt, Chas.
ORTONVILLE—*†Mullica, W. F.
OWATONNA—*†Owatonna Mfg. Co. (Grain Drills, Seed Sowers, etc.)
*Virtue & Pound (Gasoline Engines)
*†Washington Tool Co. (Tools & Mach'y)
RED WING—*†Densmore Bros. (Steam Sorghum Outfits & Castings, etc.)
*†Red Wing Boat Mfg. Co.
REDWOOD FALLS—*†Japs, Frank A.
RUSHFORD—*Hughes, J. H. (Machinist)
*McGregor, F. F. (Barrel Mach'y)
†Webster & James (Iron Fdry.)
ST. CHARLES—*Olson & Clement (Machinists)
ST. CLOUD—*†Aetna Iron Works, Inc. (Fdrs. & Machinists)
*†Dyer & Rosenberger (Fdrs. & Machinists)
ST. LOUIS PARK—*Martin, M. R. (Grinding Mills)
*†Monitor Drill Co. (Grain Drills, etc.)
ST. PAUL—*†American Grass Twine Co. (Mowers, Rakes, etc.), Mackubin & Front & White Bear Electric Line
*†**AMERICAN HOIST & DERRICK** Co. (Contractors' & Quarrymen's Mach'y & Tools), 63 S Robert. (See adv. index, end of book)
*†Buckeye Foundry Co. (Stove, Furnace & Builders 'Castings, etc.), Water & State
*Burucker, Fred'k J. (Machinist), 53 E 3d
*Carlsen, D. A. (Light Mach'y & Repairs), 840 Payne av
*Colestock & Son (Special Mach'y & Models, etc.), 202 W 3d
*Ferodowill, Jos. H. (Machinist), 86 W 7th
*Franklin Machine Works (Passenger & Freight Elevators, etc.), 2208 University av
*†Griffin Wheel Co. (Car Wheels), (see Chicago)
*Helwig Mfg. Co. (Pneumatic Motors, Bolt Clippers, etc.), 409 Nat'l G. A. Bank bldg
*†Herzog Iron Works (Ornamental Iron Work, Machinists, etc.), E 7th & Cypress
*Kahlert, G. P. (Machinist), 123 W 3d
*Lee & Hoff Mfg. Co. (Elevators & Machine Work), Fillmore av & Livingston av
§Northwestern Copper & Brass Works (Brass Fdrs.), 59 W 3d
*†Orme, Henry (Foundry), Washington & Eagle
*†Parker & Topping (Founders, etc.), Endicott Arcade
§Posch, Jos. (Copper & Brass Works)
*Ptacek, J. F. (Machinist), 390 Jackson
*Rinker, Wm. (Machinist), 324 Wabasha
*Roberts-Goss Co. (Machinists, etc.), 4th & Pine
*Robertson, J. G. (Machinist), 90 E 5th
*Rowe, W. C. (Machinist), 617 Miss
§St. Paul Brass Fdry. Co.
*†**ST. PAUL FOUNDRY CO. (Steel** Structures & Builedrs, Builders & Railroad Castings, etc.), Como av & Topping. (See adv. index, end of book)
*St. Paul Machine Works (Machinists), 123 W 3d
*Schell, Emil (Machinist), 569 Broadway
*†South Park Foundry & Machine Co. (Radiators, Castings, etc.), Gilfillan blk
*†Stickney, Chas. A. Co. (Gasoline Engines)
*Sunville, Chas. (Machinist), 66 W 4th
*Taylor & Hough (Machinists, etc.), 282 E 6th
*Twin City Fence & Wire Works, 223 E 6th
*§Union Brass & Metal Mfg. Co. (Plumbers' Supplies)
*†Valley Iron Works, 81 W St. Paul
*†Waterous Engine Works Co. (Engines), 62 W Robert
*Wolterstroff-Haskell Range & Furnace Co. (Stoves), 186 E 6th
SAUK CENTER—*†Keller Mfg. Co. (Agl. Implements, Harrows, etc.)
SHAKOPPE—*†Minnesota Stove Co. (Stoves)
SPRING VALLEY—*Kilburn, Edw. (Machinist)
*Tobler, J. G. (Machinist)
STEPHEN—†Stockland, C. K.
STILLWATER—*Atwood & Jones Mfg. Co. (Machinists)
*†Bronson, J. N. (Fdry. & Machinist)
*†Jesse, Aug. (Fdry., etc.)
*†Northwest Thresher Co. (Agl. Implts., etc.)
*†Swain, D. M. (Fdry. & Machinists)
VIRGINIA—†Virginia Iron Works
WADENA—†Gehr, H. W.
WARREN—*Swanson & Johnson
WASECA—*Lang, Thos.
†Reihold, Jno. (Fdry.)
WATERVILLE—†Spire & Son
WELLS—†Henjum, J. B. & Sons
WILLMAR—*†Willmar Gasoline Engine Works
WINONA—*Baldwin Bros. (Hand Fire Engines)
*Hardwick, Wm. L. (Machinist)
*†New Winona Mfg. Co. (Cotton Seed Hullers, Feed Mills, Corn Shellers, etc.)
*†Phenix Iron Works
†Tarras, L. C. (Fdry.)

MISSISSIPPI.

BATESVILLE—*†Panola Gin & Lumber Co. (Cotton Gins)
BILOXI—*Elder, G. B. & Co. (Machinists)
BOLTON—*Birdsong, Mason (Machinist)
BROOKHAVEN—*Brookhaven Mfg. & Improvement Co. (Cotton Compresseors)
*†Connolly, Jos. & Son (Fdrs. & Machinists)
COLUMBUS—*†Columbus Machinery Co.
*†Jacobs, F. M.
CORINTH—*†Adams, W. T. Machine Co. (Saw Mill Mach'y, Engines, etc.)
*†Corinth Engine & Boiler Works (Engines & Saw Mill Machinery)
GREENVILLE—*†Wall, Jos. (Fdry. & Machinist)
GREENWOOD—*†Kitchell, H G. (Fdry. & Machinist)
GULFPORT—*†Gulfport Fdry. & Mach. Works
HATTIESBURG—*†Komp Machine Works (Fdry. & Machinist)
*†Watkins Machinery & Fdry. Co.
JACKSON—*†McDonnell, Jno. & Son (Plows & Castings)
*†Miss Foundry & Mach. Co. (Fdrs. & Machinists)
LAURAL—†Kingston Lumber Co.
MERIDIAN—*Hyde, Chas. J. (Hay Presses, etc.)
*†Soule Steam Feed Works (Saw Mill Mach'y)
*†Wetherbee, C. P. & W. C.
*Williams-Cliff Machine Co. (Saw Mill Mach'y, etc.)
MOSS POINT—*†Blumer, Adam
NATCHEZ*†Shaw, C. P. (Fdry. & Machinist)
VICKSBURG—*American Machinery & Construction Co.
*Dutton & McMillan (Machinists)
†Foley, P. J. & Son
*†Robinson, B. J. (Machinist & Fdry.)
*Smith, John B. (Machinist)
*†Tickell, Jos. (Machinist & Fdry.)
WATERVALLEY—*†Hendricks, Wm. M. & Co.
YAZOO CITY—*Lynn, R. C.

MISSOURI.

AURORA—*†United Iron Works Co. (Enignes & Mining Machinery, etc.)
CAPE GIRARDEAU—†Fuerth, J. F.
CARROLLTON—*†Farm Tool Mfg. Co.
*Heins, W. F. (Pumps)
CARTERVILLE—*†Bryant, W. G.
CARTHAGE—*†Carthage Fdy. & Machine Wks.
CHILLICOTHE—*†Way, Frank Fdry & Mach. Co.
CLARKSVILLE—*†Fletcher, W. A.
CLINTON—*†Hall, Wm. F.
FREDERICKTOWN—*†Littleton, T. R. & Son
GARDEN CITY—†Kauffman, J. L.
GREENCASTLE—*†Ideal Pump Co.
GREENVILLE—†Holliday-Klotz Land & Lumber Co.
HANNIBAL—*†Duffy-Trowbridge Stove Mfg. Co. (Stoves)
*†Treat, C. A. Mfg. Co.
HARRISONVILLE—*†Sharp, I. M. (Machinist & Fdry.)
HIGGINSVILLE—*†Raasch, G. A.
HUNTSVILLE—*†Fleming & Sons Mfg. Co. (Rakes & Hay Stackers)
INDEPENDENCE—†Independence Foundry Co.
JEFFERSON CITY—*Star Dynamo Co. (Dynamos & Motors)
*†Tanner, Theo.
*†Vetter, H. J.
JOPLIN—*†Freeman, J. W. (Mining Mach'y & Castings)
*Hamm, Fred.
†Joplin Foundry Co.
*†Rogers-Conklin Mfg. Co.
KANSAS CITY—*Abney Automatic Belt Coupler Co. (Belt Couplers, etc.), 18 E 17th
*Aetna Machine Works (Machinists), 615 B'way
*American Scale Co. (Scales, etc.) Am. Bank bldg
*Brown Mfg. Co. (Brass & Iron Bedsteads, etc.), 4300 E 12th
*Caps Bros. Special Printing Machine Co. 317 S W boul
*§Central Brass Works (Brass Fdrs. & Finishers), Goodrich & Central
*Cookson Mfg. Co. (Elevators, Steam Pumps, Hay Presses), Studebaker bldg
*§Crampton-Farley Brass Co. (Brass Fdrs. & Finishers), 221 Main
*Darby's Kansas City Boiler Works, 25th, cor Summit
*Eagle Mfg. Co. (Plows, Cultivators, etc.), 1001 Hickory
*†English Iron Works Co. (Hydraulic Machinery)
†Enterprise Foundry Co. (Iron Fdrs.), 114 W 19th
*Garland, W. H. (Dies & Tools, etc.), 517 W 5th
*†Gate City Machine Works Co., 804 Santa Fe
*Hervey Machine Works (Special Mach'y, etc.), 408 Grand av
*Job, Geo. (Machinist), 804 Santa Fe
Kansas City Bolt & Nut Co., Inde av & Bristol
*Kansas City Elevator Mfg. Co. (Elevators, etc.), 105 W 19th
*†Kansas City Hay Press Co. (Hay Presses, Feed Mills, Haying Tools, etc.), 8th & Mill
*Kansas City Machine Works (Machinists), 8th & Bluff
*Kansas City Mfg. & Supply Co., 429 W 5th
*§Kansas City Wire & Iron Works (Iron & Brass Fdrs. & Builders' Iron & Wire Work), 1428 Oak
*Liggett, J. W. & Son (Machinists), Levee & Main
*Mathews, Hugh (Cylinder Boring Bars, etc.), 433 W 5th
*Missouri Iron Works (Machinists), 1910 Walnut
*Murray Machinery Co. (Machinists), 4th & B'way
*§National Brass Mfg. Co. (Brass Fdrs., etc.). See Kansas City, Kan.
†Phoenix Foundry (Iron Fdrs.), 808 N Prospect
*Pitt, Wm. (Machinist), 121 N 7th
*§Platt Mfg. Co. (Brass Fdrs. & Finishers) 21st & Campbell
*†Prest Furnace Co.
*Rams Mfg. Mach. Works, 1502 Main
*Ridley, C. J. F. (Machinist), 23d & Jefferson
*†Riverside Iron Works Co. See Kansas City Kan.
*†Smith & Sons Mfg. Co. (Plows, Hay Presses, Rakes, etc.), Guinotte & Lydia
*†Standard Scale & Fdry. Co. (Iron Fdrs. & Scales, etc.), 2116 Wyandotte
*†Strait, H. N. (Corliss Engines, Cooperage Machinery, Scales, Hay Presses, etc.), (See Kansas City, Kan.)
*§Thornburrow, W. D. & Co. (Brass Fdrs.) New Ridge bldg
*Urie Boiler & Machine Co. (Hoisting Engines, etc.), 603 W 5th
Vogl Tool Co. (Stonecutters' Tools, etc.), 1908 Walnut
*†Weber Gas & Gasoline Engine Co. (Gas & Gasoline Engines), 700 Del.
*†Witte Iron Works Co. (Gas Engines, etc.), 5th & Penn
KENNETT—*Shepherd & Anthony (Machinists)
KIRKSVILLE—*†Kochl & Cavett
MARYVILLE—†Armstrong, Wm. (Iron Fdry.)
MOBERLY—*Brooks, Jas. (Machinist)
*†Faessler, J. Mfg. Co. (Machine Tools, etc.)
*†Jacoby. Fdry. & Machine Co. (Iron Fdrs. & Machinists)
MONTGOMERY CITY—*Montgomery Boring Tool Co.
NEOSHO—*†Neosho Chilled Plow Works (Plows, etc.)
*†Rogers, Jno. A. (Iron Fdry., etc.)
NEVADA—†Woodhouse, J. W. (Iron Fdry.)

POPLAR BLUFF—†Brewer & Holcomb
ST. CHARLES—*†American Car & Foundry Co. (Cars, etc.). See St. Louis
ST. JOSEPH—*Acme Machine Co. (Machinists)
*†Ambrose Mfg. Co. (Iron Fdrs.)
*†Berry Foundry & Mfg. Co. (Iron Fdrs., Builders' Iron Work, etc.)
*Cartmell Machine Co. (Engines, Threshers & Sawmills)
*†Crowther & Rogers Mfg. Co. (Foundry & Machine Work)
*Garvey & Co. (Machinists, etc.)
*Jamieson-Combe Iron Works (Machinists, etc.)
*Richardson, Geo. O. Machinery Co. (Engines & Threshing Mach'y)
*†St. Joseph Plow Co. (Plows, etc.)
*St. Joseph Pump & Mfg. Co.
ST. LOUIS—*†Aetna Iron Works (Iron Fdrs. & Builders' Iron Work), 21st & Papin
*†American Bed Co. (Iron Bedsteads)
American Brake Co. (Car Brakes & Specialties), 1932 N B'way
*§American Brass & Mfg. Co., 419 Chestnut
*†American Car Co. (Electric Cars, etc.), 1527 Old Manchester Rd
*†American Car & Fdy. Co. (Cars, Cast Iron Pipe, etc.), 706 Chester
*American Furnace Co. (Hot Air Furnaces), 1911 Pine
†American Malleable Iron Co., 319 N 4th
*†American Radiator Co., 207 N 10th. Main Office, Chicago
*†American Steel Foundries, 318 N 8th. See New York City
*†American Stove Co. (Stoves, etc.), 414 N 6th
§Bajohr, Carl
Ball, Phil De C. (Ice Machines), 912 N Main
*†Banner Iron Works (Iron Fdrs. & Builders' Iron Work), Shaw av & Oak Hill Ry.
*Benbow-Brammer Mfg. Co. (Washing Machines, etc.), 509 Talcott av
*Brauer, A. G. (Stove Repairs, etc.), 318 N 3d
Brecht Butchers' Supply Co. (Packing House Machy., etc.), 12th & Cass av
*†Bridge & Beach Mfg. Co. (Stoves), 501 S Main
*Brownell Roller Ball Bearing Axle Co., 3111 N Grand av
*†Buck's Stove & Range Co. (Stoves, etc.), 3500 N 2d
*§Cahill Swift Mfg. Co. (Plumbers' Supplies & Brass Goods), 24 S 12th
†Carondelet Foundry Co. (Iron Fdrs.), 2123 S King's Highway boul
*§Central Union Brass Co. (Brass Fdrs. & Finishers), 11th & Mullanphy
†Century Iron Co. (Iron Fdrs.), 26 S 11th
*Champion Shoe Machinery Co. (Shoe Machinery)
*†Charteroak Stove & Range Co. (Stoves, etc.), 1440 N Main
*†Christopher & Simpson Arch'l Iron & Foundry Co. (Iron Fdrs. & Bldrs.' Iron Work), 811 Park av
*Climax Nut Lock & Mfg. Co. (Nut Locks, etc.), 1805 Choutcau av
*§Coleman & Messing (Brass Fdrs. & Finishers), 17 S 9th
*†Commonwealth Steel Co. (Steel Castings, Car Trucks, etc.), 420 Olive. Works, Granite City, Ill.
*Cook Well Co. (Pumping & Well Drilling Mach'y), 15 S 4th
*Cornelius Mill Furnishing Co., 1119 N 6th
*Crescent Novelty Mfg. Co. (Dies, Tools), 703 S Broadway
*†Curtis & Co., Mfg. Co. (Woodworking, Mach. Saws, etc.), 2201 Wash'n av
Damascus Brake Beam Co. (Brake Beams & R. R. Specialties), 527 N 2d. Works, Sharon, Pa.
*Davis Expansion Boring Tool Co., 3908 N Broadway
Deere, Jno. Plow Co. (Plows, etc.), 10th & Spruce
*§Degge & Musick (Brass Fdrs. & Nickel Plating, etc.), 717 Market
*Dehner-Wuerpel Mill Building Co. (Machinists), 1607 S 3d
*Deyherle, Fred'k C. (Machinist), 817 N 22d
*Dielectric Mfg. Co. (Machinists, etc), 224 S Vandeventer
*Dooly, Jno. Furnace Co. (Hot Air Furnaces, etc.), 1002 N Vandeventer
*Eagle Generator Co. (Acetylene Gas Generators, etc.), 1532 Pine
*Eclipse Electrical Co. (Dynamos & motors), 1124 Pine
*Ellison, Wm. & Sons Mfg. Co. (Machinists, Steam Engines, etc.), 1020 N 6th
*Emerson Electric Mfg. Co. (Electric Fans & Specialties, etc.), 2032 Wash'n av
*Enterprise Gas & Elec. Fixture & Brass Co., 1120 Pine
*Essmueller Mill Furnishing Co. (Flour Mill Mach'y), 605 S 6th
*Fernholtz Brick Machinery Co. (Brick & Pulverizing Mach'y, etc.), Old Manchester rd & Boyle av
*Fisher & Davis (Excelsior & Woodworking Mach'y), 1024 N Main
*Flori, Geo. (Machinist), 111 S 7th
*Frank & St. Gemme (Brass Finishers & Machinists), 817 Market
*†Fritsch, A. Foundry & Machine Co. (Iron Fdrs. & Machinists), 216 Gratiot
*†Fritz, Geo. J. Foundry & Machine Co. (Cotton Seed & Pulverizing Mach'y, etc.), 2008 S 3d
*Front Rank Steel Furnace Co. (Hot Air Furnaces), 2301 Lucas
*†Fulton Iron Works (Corliss Engines, etc), 2d & Carr
†Gerst Bros. Mfg. Co. (Iron Fdrs. & Bldrs.' Iron Work), 800 Cass av
§Gilbert, A. & Sons (Brass Fdrs., etc., 2024 Eugenia
*†Globe Iron & Foundry Co. (Iron Fdrs. & Bldrs.' Iron Work), 901 Victor
*Graf, Otto (Machinist), 3205 N B'way
*†Green's Car Wheel Mfg. Co. (Car Wheels, etc.), 3018 N B'way
*Griffiths Iron Works Co. (Builders' Iron Work, Engineers' Tools, etc.), 811 N 10th
*Gruendler Machine Co. (Machinists), 928 N Main
*†Hager, C. & Sons Hinge Mfg. Co. (Hardware & Specialties), 2427 De Kalb
*†Hagey Stove Co. (Stoves, etc.), 1122 S 12th
*Hall & Brown Woodworking Machine Co. (Woodworking Mach'y), 1913 N B'way
*†Hanpeter, Edw. C. (Iron & Brass Bedsteads, etc.), 220 Florida
*Havird, Lee & Co. (Machinists), 1815 Pine
§Hewitt Mfg. Co.
§Hoyt Metal Co. (Babbitt Metal, etc.)
International Steel Post Co., 719 Chestnut
*†Kay-Pim Mfg. Co. (Enginers, Founders & Machinists), 2300 N Broadway
†Kilpatrick, A. & Sons Foundry Co. (Iron Fdrs.), 1631 N 12th
†Kingsland Foundry (Iron Foundry), Mullanphy, 11th to 12th
*†Kingsland Mfg. Co. (Engines, Saw Mills, Threshers, Cotton Gins, Castings, etc.), 1513 N 11th
*§Knight, W. B. & Co. (Dies, Tools & Special Mach'y, etc.), 1518 Olive
†§Kraushaar Brass Mfg. Co. (Brass & Bronze Fdrs., Car Trimmings, etc.), 510 Elm
*§Kupferle Bros. Mfg. Co. (Brass Fdrs. & Machinists), 600 N 2d
*†Kupferle, Jno. C. (Hardware & Plumbers' Specialties), 2d & Mound
*Kupsch, August (Machinist & Model Maker), 209 S 3d
*§Laclede Brass Works (Brass Fdrs.), 307 Cedar
*Landis Machine Co. (Machinists, etc.), 1515 N 25th
*Latham, Edw. F. (Machinist), 822 Clark av
*Leupold, G. (Machinist), 4034 Nebraska av
*†Ludlow-Saylor Wire Co.
*McGoogan, W. J. (Machinist), 210 Morgan
*†MacGowan & Finnigan Fdy. & Machine Co. (Trip Hammers, etc.)
†Magnetite Foundry Co. (Iron Fdrs.), 3820 Manchester av
*†Majestic Mfg. Co. (Steel & Malleable Iron Ranges, etc.), 2018 Morgan
*Materne Mfg. Co. (Machinists, etc.), 800 S 18th
*Maynard, J. F. (Ice Refrigerating Machy.), 116 Geyer av
*†Medart Patent Pulley Co. (Iron Fdrs. & Machinists, Power Transmitting Machinery), 3500 De Kalb
*†Mellon, Peter H. Mfg. Co. (Bed Springs, etc.)
†Mesker & Bro. (Iron Fdrs. & Builders' Iron Work), 421 S 6th
*§Messmer, Ferd Mfg. Co. (Gears, Brass Fdrs., etc.), 10 S B'way
Miller Lock Co. (Lock Mfrs.), 219 N 4th
*Miller, W. A. Elevator Mfg. Co. (Elevators, etc.), 115 Pine
*Miller & Brockman (Machinists), 212 Lucas
§Missouri Brass Type Fdry. Co., 22d & Howard
Missouri Bridge & Iron Co., 715 Locust
*Mitchell-Parks Mfg. Co. (Flour Mill Machinery), 1234 S 7th
*Moloney Electric Co., 7th & Hickory
*Montgomery, Sam'l A. (Machinist), 2226 Washington av
***MOON ELEVATOR CO.** (Elevators, etc.), 8th & Mullanphy. (See adv. index, end of book)
*§More-Jones Brass & Metal Co. (Brass Fdrs., Bearings, etc.), 3144 N B'way
*Moxey, C. & Co. (Machinists), 926 N Main
*§National-Fulton Brass Mfg. Co. (see Detroit, Mich.)
†National Iron Works (Iron Fdrs.), 2708 N 25th
*†Nelson, N. O. Mfg. Co. (Plumbers' Specialties, Cast Iron Pipe, etc.), 8th & St. Charles
*Paragon Laundry & Machine Co., 3939 Olive
*Philippi, Alex. F. (Machinist), 308 Market
*†§Pleuger & Henger Mfg. Co. (Hardware, Water Works & Plumbing Specialties, Iron & Brass Fdrs., etc.), Herbert nr N 11th
*Progress Press Brick & Machine Co. (Brick Machy., etc.), Kings Highway & Scanlan av
†Railway Supply Foundry Co., 319 N 4th
*Ramming, John (Machinist, etc.), 300 S Main
*Ramsey, Wm. (Machinist), 308 Vine
*Ranz-Lambrecht Stamping Tool & Mfg. Co. (Special Machy., etc.), 522 Spruce
***RELIANCE MACHINE & TOOL** Works (Brick Press Machines & Pumps), 3333 Franklin av
Republic Railway Appliance Co., Lincoln Trust bldg
*Ross-Keller Triple Pressure Brick Machine Co. (Brick Machy.), Fullerton bldg
*Roth, B. Tool Co. (Machinists & Tools), 2122 Chouteau av
*†Ruemmeli-Dawley Mfg. Co. (Ice & Refrigerating Machy., etc.), 3900 Chouteau av
*†§Rumsey, L. M. Mfg. Co., 804 N 2d
*Rumsey & Sikemeier Co., 1900 Pine
§Ruppenthal, J. & Son (Brass Fdrs.), 1602 N Broadway
†St. Louis Architectural Iron Co.
†St. Louis Bell Foundry, 2836 S 3d
*§St. Louis Brass Mfg. Co. (Brass Fdrs. & Finishers), 1116 Market
*†§St. Louis Car Co. (Car Builders), 8000 N Broadway
*†St. Louis Car Wheel Co. (Car Wheels), Broadway & Olive
*St. Louis Gas & Gasoline Engine Co., 2519 S 2d
*St. Louis Iron & Machine Works (Corliss Engines, etc.), 126 Chouteau av
†St. Louis Malleable Casting Co. (Malleable & Gray Iron Castings), 7701 N Conduit av
*St. Louis Pneumatic Tool Co., 9th & Olive
*St. Louis Steam Engine Co. (Steam Engines), 16 S Commercial
*St. Louis Well Machine & Tool Co., Wabash R R & S 44th
*Sanitary Street Cleansing & Sprinkling Machine Co., Bremen & 2d
*Schilling, Chas. R. (Machinist), 110 N Main
*Schoelhorn-Albrecht Machine Co. (Machinists), 416 N Main
†Scullin-Gallagher Iron & Steel Co. (Open-Hearth Steel Castings, etc.), Kraft & Manchester av
*Sebastian-Clark Machinery Co. (Machinists), 1604 N Broadway
*Seekamp, H. D. (Machinist), 119 N 7th
§Seibel, Louis & Bro. (Brass Fdrs.), 623 S 2d
*§Seibel-Suessdorf Copper & Iron Mfg. Co. (Brewers' & Malsters' Machy.), 2d & Lombard
*Sinning, Chas. (Machinist), 244 Dickson
*†Smith & Davis Mfg. Co. (Iron Bedsteads)
*Snider Electric Co. (Dynamos & Motors), 1626 S Broadway
*†Sodeman Heat & Power Co (Radiators & Heating Apparatus), 1510 Clark av
†South St. Louis Foundry (Iron Fdrs. & Bldrs' Iron Work), 7514 S B'way
†Spuck Iron & Foundry Co. (Iron Fdrs.), Branch & 14th
*Standard Railway Equipment Co. (Pneumatic Tools), Nat'l Bank of Com. bldg
*§Stuckstede, H. Bell Foundry Co. (Bell & Brass Fdrs.), 1312 S 2d
Stupp Bros. Bridge & Iron Co., 202 N 9th
*Swaine, Fred J. Co. (Machine, Tools, etc.), 7th & O'Fallon
*Turley, Harvey G. (Machinist), 214 Locust
*†Union Iron & Foundry Co. (Iron Fdrs. & Builders' Iron Work, etc.), 1452 S 2d

*Van Dillen, J. T. (Machinist), 1625 N 7th
*Victor Mfg. Co. (Steam Separators, Engines, etc.), 305 Gratiot
*†Wagner Electric Mfg. Co. (Dynamos, Motors, etc.), 2013 Locust
*Wenger, Geo., Machinery & Supplies Mfg. Co. (Machinery & Castings, etc.), 1328 Merchant
*Werner, Dan'l. (Machinist), 3836 St. Ferdinand av
*†West St. Louis Machine & Tool Co. (Shovel Mach'y., etc.), 606 Manchester av
*Western Forge Co., 520 Olive
*†Western Foundry & Sash Weight Co. (Iron Fdrs.), 159 Miller
Western Railway Equipment Co., Olive & 7th
*Wetterhahn, Edw. (Punching & Shearing Machy., etc.), 3008 Chippewa
Wheeler Watch Machine Co., 821 Chestnut
*Whiteley Machine Co. (Agricultural Implements), 1113 N 6th
*†Whitman Agricultural Co. (Agl. Implts.), 6900 S Broadway
*Willard, W. G. (Ranges, etc.), 318 Chestnut
*Williams, Milton F. & Co. (Mill Wrights & Machinists), 2705 N Broadway
*Williams Patent Crusher & Pulverizer Co. (Pulverizing Machy), 2705 N. B'way
†Wilson, Jas. (Stove Mfrs., etc.), 2d & Florida
*†Wrought Iron Range Co. (Ranges, etc.), 1901 Washington av
*Yerkes & Finan Woodworking Machine Co. Woodworking Machy.), 3145 N 9th
*Ziegler. Robt. & Sons (Printing Presses, Bookbinders' Machy, etc.), 208 Vine
SAVANNAH—*Savannah Implement Co. (Harrows, etc.)
SEDALIA—*Barley, Thos. K. (Agrl. Implts., Harrows, Haying Tools, etc.)
*Economy Steam Heating & Electric Co.
*†Wells, Geo. (Fdry. & Machinist)
SPRINGFIELD—*Schmook, Harry B. (Machinist)
*†United Iron Works Co. (Ice Making, Mining & Cement Mach'y, Iron Castings. etc.)
*†Woods-Evertz Stove Co. (Stove Mfrs.)
SWEET SPRINGS—*Fischer, Conrad (Harrows, etc.)
TARKIO—*†Midland Mfg. Co. (Plows, etc.)
TRENTON—*Marsden Bros. (Jobbing)
WARRENSBURG—*Snoddy. J. W. (Machinist)
WEBB CITY—†Joplin Foundry Co. (See Joplin, Mo.)
*†Webb City Iron Works (Fdrs. & Machinists)
WELLSVILLE—*Smith, John X. (Machinist)

MONTANA.

BUTTE—*†Anaconda Copper Mining Co.
*†Montana Iron Works
*†Western Iron Works, Inc. (Castings & Mach. Work)
GREAT FALLS—*†Great Falls Iron Works, Inc. (Fdrs. & Machinists)
HELENA—*†Caird & Hanksworth (Stamp Mills & Castings, etc.)
*Hansen, C. L. (Machinist)
Montana Anchor Fence Co.
KALISPELL—*†Kalispell Iron Works (Fdrs. & Machinists)
PHILIPSBURG—*†Philipsburg Iron Works

NEBRASKA.

BEATRICE—*†Dempster Mill Mfg. Co. (Cultivators, Grain Drills, etc.)
*†Langdon, Horace
CLAY CENTER—*Clay Center Mfg. Co. (Grain Drills)
FAIRBURY—*†Fairbury Iron Works & Windmill Co.
FALLS CITY—†Taylor, Thos.
FREMONT—*†Fremont Fdry. & Machine Co.
GRAND ISLAND—†Lykke, C. E.
HASTINGS—*Brueningsen, F. (Machinist)
†Peters Bros.
HEBRON—*†Nickel, Chas.
HOLDREGE—Holquest Bros.
KEARNEY—*†Black & Kuhn Bros.
LINCOLN—†Capitol City Iron Works
*Cushman Motor Co. (Engines & Motors, Gasoline)
*Eureka Mfg. Co. (Grain Grading Machy.)
*Frishette, Isaac (Machinist)
*†Hedges, C. E.
†Reddig, Mossholder & Co.
*†Smith, R. L. Machine Works (Steam Pumps, Castings, etc.)
NEBRASKA CITY—*†King Drill Mfg. Co.
*Wale, John (Machinist)
OMAHA—*†American Smelting & Refining Co.
*Larson Ice Machine Co.
§McDonald Bros. (Brass Fdrs.)
*Melchiovs, Peter (Machinist)
*Omaha Electrical Works
*†Paxton & Vierling Iron Works (Iron Fdrs. & Builders' Iron Work)
*Sharp, L. C. (Machinists)
†Wearne Bros. (Iron Fdrs.)
*Western Electrical Co.
*†Western Furnace & Fdry. Co.
UTICA—Bereuter & Son
YORK—*†Downie-Wright Mfg. Co. (Elevating, Flour Mil & Rope Transmitting Mach'y & Castings up to 20,000 lbs.)
*†York Foundry & Engine Works (Engineers, Machinists & Founders, Grain Elevators, Conveying & Power Transmitting Machinery, etc.)

NEVADA.

RENO—*†Nevada Engine Works
TUSCARORA—†Dove, T. W.

NEW HAMPSHIRE.

ALSTEAD—†Cook, C. H.
BERLIN—†§Harkins & Mahern (Brass Fdrs.)
BRENTWOOD—*Robinson,/ A. J. (Water Wheels)
BRISTOL—*Holmes, Chas. W. (Machinist)
CANAAN—*Flint, Edwin (Machinist)
CHESHAM—*Russell, Edw. G. (Machinist)
CLAREMONT—*Burns, John W. (Jobbing)
*†Sullivan Machinery Co. (Rock Drills & Mining Machy., etc.)
CONCORD—†Concord Foundry & Machine Co. (Iron Fdrs.)
*Concord Machine Co. (Stone Polishing & Woodworking Machy.)
*Cushman Electric Co. (Dynamos & Motors)
*Fogg, Geo. L. (Machinist)
*†Ford, Wm. P. & Co. (Stoves)
*†§Ford & Kimball (Brass & Iron Fdrs.,
CONTOOCOOK—*Kingsbury & Davis Machine Co. (Paper Box Machy.)
DOVER—*Davis, Herbert M. (Machinist)
*†Kidder Press Co. (Printing Press es, etc.)
*†White, John A. Co. (Woodworking Machy.)
EAST ROCHESTER—*Shorley, John C. (Machinist)
EXETER—*†§Exeter Brass Works (Plumbing Specialties & Brass Fdrs.)
*†Exeter Machine Works (Heating Apparatus, etc.)
FRANKLIN FALLS—*Franklin Iron Works
*Griffin, G. W. & Co. (Woodworking Machy., Jig Saws, etc.)
*Haynes, E. W.
*†Kidder Machine Co. (Paper & Pulp Mill Machy)
*Mayo Knitting Machine & Needle Co. (Textile Machy)
HINSDALE—*Holman, Jason R. (Mahinist)
†Tilden, Frank W. (Iron Fdry.)
KEENE—*Hubbard, H. W. (Machinist)
*†Humphrey Machine Co. (Water Wheels, etc.)
LACONIA—*American Twist Drill Co. (Knitting Machines)
*†Esty Sprinkler Co. (Mach. & Fdry. & Fire Extinguishers)
*Esty, Wm. (Machinist, etc.)
*Huse, Warren D. & Sons (Knitting Machy.)
*†Laconia Car Co. (Cars, etc.)
†McGloughlin, Jas. (Iron Fdr.)
*Mayo, Geo. D. Machine Co. (Knitting Machines)
LAKEPORT—*†Cole Mfg. Co. (Iron Fdrs.,
*Crane Mfg .Co. (Knitting Machines)
*Dana, Rockwell N. (Machinist)
*Pepper Machine Works (Knitting Machy.)
Textile Power Transmitting & Saw Mill Machy)
LANCASTER—*Sleeper, C. W. (Engineer & Machinist)
*†Thompson Mfg. Co.
LEBANON—†Cole, S. & Son (Iron Fdrs.)
*Kendrick & Davis (Watchmakers' Tools & Electrical Specialties)
*Purmort, Martin V. (Band Saws, Planers, etc.)
LITTLETON—*Merrill, G. H. (Machinist)
MANCHESTER—*Adams, Dan'l. J. (Machinist)
*†American Locomotie Co. (See New York City)
†Amoskeag Mfg. Co.
*Corey, Wm. Co. (Knitting Machines, Needles, etc.)
*Dodge Needle Co. (Latch Needles for Knitting Machines, etc.)
*Fournier, Jos. A. (Machinist)
*†Hutchinson, C. H. (Iron Fdrs. & Paper Pulp Mill Machy.)
*Leighton Machine Co. (Knitting Mach'y)
*National Separator & Machine Co. (Turret Drill Presses, etc.)
Smith, John A. V. Co. (Fly-Frame Filers for Textile Mills)
NASHUA—American Shearer Mfg. Co. (Sheep Shearing Tools, etc.)
Eastern Forge Co. (Shafting Forgings, etc.)
*Flather, E. J. Mfg. Co. (Machine Tools)
†Flather Foundry Co. (Iron Fdrs.)
*Flather & Co. (Machine Tools, etc.)
Gay, Arthur E. (Jobbing)
*†Highton, Wm. & Son (Hot Air Registers, etc.)
*Improved Paper Machinery Co. (Paper & Pulp Mill Machy.)
†Nashua Co-Operative Iron Foundry Co.
*Nashua Machine Co. (Machinists)
*Nashua Novelty Works (Toys, etc.)
§Nassau Saddlery Hardware Co.
*Nichols. Albert F. (Machinist)
*Rollins Engine Co. (Engines, etc.)
*Spencer & Rideout (Power Cloth Presses, etc.)
*†White Mountain Freezer Co. (Ice Cream Freezers, Light & Heavy Gray Iron Castings, etc.)
*Whitney. Geo. F. (Water Wheels)
NEWFIELDS—*Wiggin. Geo. B. (Jobbing)
NORTH GROTON—*Kidder, Dan'l & Son (Machinists)
NORTH WEARE—*Hanson, Dan'l (Shoe Machinery)
PENACOCK—*†Concord Axle Co. (Stone Polishing Mach'y, Axles, Brass Castings, etc.)
*†§Whitney Electrical Instrument Co. (Elec. Instruments)
PETERBORO—*White, Sam'l G.
PORTSMOUTH—*Chadwick, Geo. B. & Co. (Machinists), (Expanding Reamers, etc.)
ROCHESTER—†Estes, Chas. (Iron Fdry.)
†Furnald, John C. (Iron Fdry.)
†*Rochester Fdry. & Machine Works
SALMON FALLS—*†Somersworth Foundry Co. (Stoves, Ranges, etc.)
SUNAPEE—*§Consolidated Hame Co.
*†Smith, N. A. (Fdry. & Machinist)

NEW JERSEY.

ALDENE—*†Watson-Stillman Co. (Hydraulic Mach'y), Office, New York City
ARLINGTON—§Hoyt Metal Co. (Babbitt Metal, etc.)
†§Lovell, F. H. & Co. (Brass & Copper Goods)
BARTLEY—*†Bartley, R. C. & Co. (Steam Heaters)
*†Bartley. Wm. & Sons (Saw Mill)
BAYONNE—*†Babcock & Wilcox Co. (Water Tube Boilers, etc.)
§Barnes Lock & Foundry Co.
*†§Goubert Mfg. Co. (See New York City)
BELLEVILLE—*†Atlas Fdry. & Machine Co. (Textile Machy., Power Presses, etc.)
*†§Eastwood Wire Mfg. Co. (Iron, Brass & Bronze Castings, Special Mach'y, etc.)
*Eck Dynamo & Motor Works (Generators & Motors)
BLOOMFIELD—*†American Brake Shoe & Foundry Co. (Brake Shoes, Steel Castings, etc.); Office, Mahwah, N. J.
*§Jenkins Mfg. Co. (Brass & Composition Castings of all kinds & Plumbers' Brass goods, etc.)
BOONTON—†Lincoln Iron Works.
*Standard Gas Fixture Co.
*Van Duyne, Simon (Machinist)
*Whitehead, Oscar P. (Machinist)
BOUND BROOK—*†American Engine Co. (Engines)
*§Graphite Lubricating Co.
BRIDGETON—§Acme Gas Fixture Co.
*Cox Bros. (Canning Mach'y, etc.)
*†Cox & Sons Co. (Engines & Heating Apparatus)
§Crescent Gas Fixture & Art Metal Co.
*Hettinger Engine Co.
BURLINGTON—†Delaware Foundry Co.
*†Devlin. Thos. Mfg. Co. (Saddlery Hardware, etc.) (See Phila., Pa.)
†Lindsay, John C. & Co.

*†Stuart & Peterson Co. (Enamcled Iron Ware, etc.)
†U. S. Cast Iron Pipe & Fdry. Co. (Cast Iron Pipe). Sce New York City
CAMDEN—*Blair Mfg. Co. (Machinists' Tools)
†Camden Foundry Co. (Iron Fdrs.)
*†Camden Iron Works (Pumping Machy., etc.) Sec Phila., Pa.
*†Dialogue, John H. & Son (Iron & Steel Ship Builders)
*Erdman, D. H. (Est. of)
*Estabrook Steel Pen Mfg. Co. (Steel Pens)
§Frand, Martin J. & Co. (Zinc & Copper Works)
*†§Fullmer, A. J. & Co. (Enameled Iron Sanitary Goods)
*Hunt, C. Howard Pen Co. (Steel Pens)
*Industrial Mfg. Co. (Sewing Machines)
*Mathis, John H. & Co. (Ship Builders)
*Morton, Wm. W. & Co. (Machinists)
*New Jersey Wire Stitching Machine Co.
*New York Ship Building Co. (Iron & Steel Ship Builders)
*Quigley, Davis & Dorp (Machinists & Ship Builders)
*Scarborough, J. H. (Machinists & Fitters)
*Smith & Sinclair (Machinists)
§Voigt Metal Co. (Brass Fdrs.)
*Wagner, Chas. W. (Machinist)
*Webster, Warren & Co. (Machinists & Feed Water Heaters, etc.)
CARLSTADT—*Bergen Mfg. Co. (Machinists)
CARTERET—*†Chromc Steel Works
*†Wheeler Condenser & Engineering Co. (Sce New York City)
CEDAR BROOK—*Bailey & Steele Mfg. Co. (Dyeing Machines, etc.)
DELAWANNA — *†Cooper-Wigand-Cooke Co. (Open Hearth Steel Castings, etc.)
DOVER—*McKiernan Drill Co. (See New York City)
*†Morris County Machine & Iron Co. (Mining & Pumping Machy., etc.)
*†Richardson & Boynton Co. (Stoves). See New York City
EAST NEWARK—†Hewitt, Thos. Sons Co.
ELIZABETH—Amcrican Gas Furnace Co.
American Swiss File & Tool Co.
†American Sanitary Co. (Plumbers' Supplies)
*Ball & Wood Co. (Steam Engines). See New York City
*Braunsdorf-Muller Co. (Tools, etc.)
*†Brown, A. & F. Co. (Power Transmitting Machy.) See New York City
*Diehl Mfg. Co. (Electric Fans, etc.)
*Duncan Bros. (Machinists)
Kullander, Chas. (Machinist)
*†§Singer Mfg. Co. (Sewing Machines & Special Machy.) See New York City
*Stephcnson, John Co. (Electric Cars & Trucks, etc.) Sec New York City
*Vantine Moulding Machine Co.
ELMER—Charlesworth, G. A. (Millwright & Machinist)
*Woollett, Chas. W. (Millwright, etc.)
FLEMINGTON—*†Floran Foundry & Mfg. Co. Fdrs. & Machinists)
*Hoffman, L. B. (Machinist)
FORT LEE—*Vogel, Chas. (File-Cutting Machines)
FREEHOLD—†Bawden, J. H. Co.
*Stokes Bros. Mfg. Co. (Rasps, Files, etc.)
GARWOOD—*†Garwood Foundry & Machine Co.
†§Graphinte Metal Co.
*Whitman Mfg. Co. (Clutches, etc.)
GLASSBORO—†Cornell, Wm. & Son (Iron Fdrs)
GLENLOCH—*†Batcman Mfg. Co (Agrl. Implements, etc.)
GLOUCESTER CITY—*†Rogers, John M., Boat Gauge & Drill Works
HACKETTSTOWN—†Bowcrs, R. Q. & Son (Iron Fdrs., etc.)
*†Drake. W. H. (Steam Heating Apparatus)
HAINESPORT—*†Ronalds & Johnson Co. (Plumbers' Goods). (See New York City)
HARRISON—*†American Radiator Co. (See Chicago, Ill.)
*Binsse Machine Co. (Machine Tools, etc.)
*General Electric Co. (See Schcnectady, N. Y.)
*Hyatt Roller Bearing Co.
*†§International Steam Pump Co. (See New York)
*†**MARINE ENGINE & MACHINE** CO. (Elcctric Elevators, Pumps, Castings & Machine Work of all Kinds, Castings 100 lbs. to 40,000 lbs.) (See adv. index, end of book)
***NATIONAL HOISTING ENGINE** Co. (Hoisting Engines & Contractors' Machincry.) (See adv. index, end of book)
†Reuther Bros. (Iron Fdrs.)
*Torrance Mfg. Co. (Machinists)

HASBROUCK HEIGHTS—*Olmstead, L. H. (Machinist & Power Hack Saws, etc.)
HIGH BRIDGE—*†Taylor Iron & Steel Co. (Stcel Castings & Stcel Specialties)
HIGHTSTOWN—*†Shangle, John R. (Agrl. Implements)
HOBOKEN—*Baker, Wm. C. (Car Heaters. etc.) (See New York City)
*Brunncr, Wm. (Machinist), 102 3d
*Consolidated Iron Works, 213 River
*†Fagan Iron Works (Founders & Machinists), 309 Jefferson
†Ferguson, F. M. & Son (Iron Fdry.), 1207 Park av
*†§Fletchcr, W. & A. Co. (Marine Engines, etc.), 14th & Hudson
*†Focht's, Geo. Sons (Fdrs. & Machinists), 119 Adams
*Huntcr, Wm. (Engineer & Machinist), 1120 Clinton
*§Keuffel & Esser Co. (Engineering Instrumcnts, etc.) (See New York
*†New York Switch & Crossing Co., 15th & Madison
*†Reedy Elevator Co. (See New York City)
*†Union Iron Works (Fdrs. & Machinists, Coal & Ore Handling Machy.), 601 Newark
HOPE—†Aten, Hcnry (Iron Fdry.)
IRVINGTON—Irvington Mfg. Co. (Tools, etc.)
§Mcrgott, J. E. &Co. (Brass Goods)
*Rademacher, A. E. (Scales, etc.)
*Tidey, Fred (Wood Working Machy.)
JERSEY CITY—§American Fixture & Brass Co. (Gas & Electric Fixtures)
§Atlantic Brass Co. (Brass Fdrs.), Com-Munipaw av & Phillip. (See New York)
*Automatic Weighing Machine Co. (Automatic Weighing Machines)
*Bayldon Machine & Tool Co. (Machinists), 18 Morris
†Berthc, Albert
*†Boynton Furnace Co. (Iron Fdrs., Furnaces, Rangers & Heaters), Pacific av opp. Bramhall av. (See New York City)
*§Brady Brass Co. (Brass Fdrs. & Finishers), 202 10th
*Cockburn Barrow & Machine Co., 234 11th
*†Columbia Iron Foundry Co. (Fdrs. & Machinists), 42 Morris
*Ernst, V. H. (Machinist), 163 1st
†Feudtncr, Jacob & Co. (Iron Railings, etc.)
§Garvey & Greenhalgh (Brass Fdrs.), 13 Sussex
*†Gibson Iron Works Co. (Fdrs. & Machinists, Dumping Grates, etc.), 170 1st
*†Gothberg, H. & E. (Brass & Bronze Finishers), 139 Cator av
*†Gould & Hedley (Engineers & Machinists). 113 Plymouth
*†Griffing, A. A. Iron Co. (Radiators & Heating Apparatus, etc.), 449 Communipaw av
*†Hitchings & Co., Inc. (Greenhouse Heating Apparatus, etc.), Garfield av & Union; office, New York
*James, C. R. & Co. (Machinists), 158 1st
*Jerscy Development Co. (Dies & Tools). 46 Morris
§Kato Mfg. Co. (Bronzes, etc.)
*Koven, Theo. (Machinist), 114 Webster av.
*Krom Machine Works (Machinists), ft of Essex
*McCabe, Jas. J. (Machine Tools), 10th &
*McLaughlin, Thos. (Machinist), 53 Essex Brunswick. (See New York)
*Mack, Thos. A. Mfg. Co. (Machinists), 401 St. Paul's av
*§Magnus Metal Co. (Brass Fdrs.), 9th & Brunswick
*†Marcy Stone Repair Co. (Sce New York City)
*Maslin, John & Son (Machinists), 165 1st
*§Mcscreau Metal Bed Co., 292 Johnston av
†Murphy, W. J.
*New York Metallic Bedstead Co., 184 Pacific av
*Owen & Thomas (Machinists), 95 Day
*Pilgram, Moritz (Machinist), 270 Griffith
*Rossiter, MacGovern & Co. (Machinists), ft of Morris
*Schroeder, Edw. (Brass Goods, Lamps, etc.), 716 Jersey av
†Smith, Geo. (Iron Fdry.), 167 1st
*†Smith, Theo. & Sons Co. (Machinists & Fdrs.), ft of Essex
†**SNEAD & CO. IRON WORKS** (Iron Founders & Builders, Iron & Steel Work), ft of Pine. (See adv. index, end of book)
*†Steel & Condit (Refrigerating Machinery)
†Thom, John K. (Iron Fdr.), 369 7th
†Vulcan Iron Works (Iron Fdrs.), 10 Morris
*West Pulverizing Machine Co., 40 Pollack av

*White, Geo. (Engincer & Machinist), 24 Morris
*§Williams, E. A. & Son (Brass & Bell Fdrs.), 105 Plymouth
KEARNEY—(See Arlington)
LAMBERTVILLE—†Coombe & Massey (Iron Fdrs.)
LEBANON—*†Sovcreign Foundry & Mfg. Co. Saw Mill Machinery, Castings, etc.)
MADISON—†Force, C. C. & Son
MAHWAH — *†**AMERICAN BRAKE** Shoe & Foundry Co. (Brake Shoes& Miscellaneous Iron & Steel & Gray Iron Castings, etc.) (See adv. index, end of book)
MATAWAN—†Matawan Steel & Iron Co.
MILLINGTON—*Nishwitz Mfg. Co. (Harrows,
MILLVILLE—*Owen, Isaac A. Jr. (Machinist) etc.)
*Thomas, Edw. L. (Machinist)
*†Wood, R. D. & Co. (See Phila., Pa.)
MORRISTOWN—*Dutton, Willis H. (Machinist)
*Genung & Hedges (Machinists)
MOUNT HOLLY—*†Risdon-Alcott Turbin Co. (Turbines, etc.)
*Storey, B. W. & Sons (Machinists)
MULLICA HILL—†Hoffman, J. M.
NEWARK—*Ahrend, Herman & Son (Locks, etc.), 179 Van Buren
*Albee Machine Co. (Machinists), 24 Boudinot
*Almond, David, Hedenberg Works (Machinists), 27 Hacket
*American Transformer Co. (Electrical Specialties), 46 Elm
*Arnold Sewing Machine Co. (Sewing Machines), High & Orange
§Art Metal Works (Bronzes, etc.)
*†Atha, Benjamin & Co., ft of Chapel
*Atha Tool Co. (Cast Steel Tools, etc.), ft. of Chapel
*Backus Water Motor Co. (Water Motors, etc.), 172 Penna av
†Ballard, Geo. M. (Iron Fdry.), 41 Hermon
†Barlow, Arthur E. (Iron Fdry.), 28 Orange
†Barnett, Oscar Foundry Co. (Iron Fdry.), 105 H'mlt'n
*Bernz, Otto (Plumbers' Tools & Specialties, etc.), 27 Ashland
*†Bless & Drake (Inc.) (Self-Heating Irons, etc.) (See New York)
§Brabson Bros. (Saddlery Hardware)
†Brass Foundry Supply Co.
*Brooks, E. J. & Co., Inc. (Railroad Specialties), 5th av & N 13th
*Burroughs, Charles (Machinist & Hydraulic Machy.), 141 Commerce
§Bushauer, Peter (Est. of) (Brass Fdry.)
Central Foundry Co. (Cast Iron Pipe), Lockwood & Morris Canal. (See New York)
*§Chambers & Ainslie (Brass Fdrs. & Finishers & Plumbers' Brass Goods), 2 Commerce
*Chapman, W. H. & Co. (Machinists)
*Chase, Edw. O. (Fine Machy.), 46 Lawrence
*†Clark, Jas. T. Co. (Edge Tools, etc.), 72 Adams
*Clawson Machine Co. (Slot Machines), 21 Hackett
*Continuous Rail Joint Co. of America (Rail Joints & Railroad Specialtics), 142 Market
*Crowell, H. M. Mfg. Co. (Jewelers'Machy.)
*†Currier, Cyrus & Sons (Machinists & Fdrs., Paper Mill Machy, etc.), 17 R. R Place
*Delany, D. & Son (Carriage & Wagon Springs, etc.), Hamilton & Liberty
*Diss, A. B. & Co. (Casters)
*Electric Motor & Equipment Co. (Motors, etc.), 13 Beaver
*Emory, Robt. J. & Co. (Machinists), 52 Lawrence
§Goldsmith, C. A. (Brass Fdry.), 43 Cutler
*†Gould & Eberhardt (High Class Machine Tools), 95 N. J. R. R. av
*§Gould's, M. & Son (Brass Goods, etc.), 61 Hamilton
*Guenther, Chas. (General Machinist), 26 Houston
*†Hanson & Van Winkle Co. (Platers' Machinery & Supplies)
*†Hay Foundry & Iron Works (Builders' Castings & Iron Work), Plum Point, la
*§Hedges & Bro. (Brass Castings & Finishers & Plumbers' Brass Goods), 10 R. R. pl
*Heller Tool Co. (Farriers' Tools, etc.), 876 Mt. Pros. av
*†Hewes & Phillips Iron Works (Steam Engines, etc.), Orange & Ogden
*Huebel Mfg. Co. (Padlocks, etc.), 103 Monroe
*Industrial Machine Co. (Machinists), 213 Mulberry

†Inslee, H. W. (Fdry.), 88 Warren
*†Isbell, Porter Co. (Machinists & Fdrs.), 46 Bridge. (See New York
*†Jost's, Edmund Sons (Machinists & Fdrs.), 352 Plane
*Klaus, J. J. & Co. (Machinists), 541 Ferry
*†**LAMBERT HOISTING ENGINE** CO. (Hoisting Engines & Contractors' Machinery. (Sec adv. index, end of book)
*†Lidgerwood Mfg. Co. (Hoisting Machinery, etc.)
*Lowentraut, P. Mfg. Co. (Skates, Tools, etc.), 36 Brenner
§McCarthy, John (Brass Fdry.), 745 N 6th
*McIntire, Chas. Co. (Electrical Specialties)
†Maher & Flockhart (Iron Fdrs.), 60 Polk
†Mecker, S. J. (Malleable Iron Fdry.), 95 Clay
†Metcalf & Morrison (Iron Fdrs., Light & Heavy Castings), 126 Polk
*Millington & Bradshaw (Machinists), 69 N J R R av
*Muller, Fred (Hat Machy.), 214 M & E R R av
*†**MUNDY, JOS. S. (Hoisting Engines & Contractors' Machy.)**, 22 Prospect. (See adv, front color page))
*National Dairy Machine Co. (Dairy Machinery), 116 William
*National Lock Washer Co. (Lock Washers etc.), 65 Johnson
*National Saw Co. (Saws & Sawing Specialties), 15 River
*†Newark Edge Tool Mfg. & Iron Foundry, 90 Adams
*§Newark Faucet Co. (Brass Finishers & Faucets, etc.), 245 N. J. R. R. av
†Newark Foundry Co., Malvern & Adams
*Newark Gas Engine Co. (Gas Engines) 676 N 6th
*†New Domestic Sewing Machine Co.
§New Jersey Aluminum Co.
*Noble & Hunt (Machinists), 359 Mulberry
*Ohl, A. Machine Works, 65 N. J. R. R. av
*Ohl, Geo. A. & Co. (Inc.) (Metal Workers' Machinery), 159 Oraton
*Osborne, C. S. & Co. †Inc.) (Tools, etc.), 96 Mechanic
§Phoenix Lock Works
*Plumb, David S. (Fine Machy.), 47 E Park
*Positive Lock Washer Co. of America, 181 Miller
*†Royal Machine Co. (Special Machinery, etc.), 61 N. J. R. R. av
§Riley-Klotz Mfg. Co. (Trunk & Bag Trimmings)
†Rudman Iron Foundry Co. (Gray Iron Castings), 49 Hermon
*Ruesch, Henry J. (Machinist), 22 Green
†Sacks, Louis Steel Heel Plate Co. (Gray Iron Castings), Hamburg pl & Ave L
*Sayre, L. A. & Co. (Tools, etc.), 332 Mulberry
*Seymour & Whitlock (Machinists), 43 Lawrence
§Shaw, W. & J. H. (Brass Fdrs.)
†Simmons Pipe Works (Cast Iron Soil Pipe, etc.)
*Skinner & Leary (Engineers & Machinists), 13 R R Place
*†§Smith, A. P. Mfg. Co. ((Brass Fdrs., Tapping Machines, Pipe Cutting Machines, etc.), Passaic av, ft Brill
*Standard Machine Works (Bag-Making Machinery, etc.), 65 N J R R av
§Steffens, A. T. & Co. Saddlery Hardware)
*Sterling-Meeker Co. (Fare Registers, Car Brakes, etc.), 420 Ogden
*†Thatcher Furnace Co. (Furnaces, Stoves, etc.) See New York City
*Tirrill's Gas Machine Lighting Co. (Gas Machines), 14 Commercial. (See New York
*†Traud, Alex. Co. (Embossing Machy.), 5 Maine
*†§Universal Caster & Foundry Co. (Iron & Brass Founders, Ball Bearing Casters, etc.) (See New York City)
*†Watts-Campbell Co. (Steam Engines, etc), 298 Ogden
*†§Weston Electrical Instrument Co. (Elec-Machy.), 120 Pacific. (See New York)
*White, Ira F. & Son (Hdw. Specialties, etc.)
*Williams, John R. Co. (Cigar-Makers' Machy.), 120 Pacific. (See New York)
*Wilmore Computing Scale Co.
*Wright, L. Jr. (Machine Works), 9 Alling
Yule & Carley Mfg. Co. (Hat Machy.), 28 Eagles
§Zusi, Edw. (Brass Fdry.), 78 Mechanic
§Zusi, Edw. A. (Brass Fdry.), 101 Monroe

NEW BRUNSWICK—*Consolidated Fruit Jar Co. (Metal Specialties)
*Crawford Mfg. Co. (Machinery Mfrs.)
†Empire Foundry Co. (Gray Iron Castings from 1 pound to 5 ton)
*Kilbourn Knitting Machine Co. (Knitting Machinery ,etc.)
*Lea, Thos. (Boring Tools, etc.)
*†National Water Tube Boiler Co.
*Neverslip Mfg. Co. (Horseshoes, etc.)
*†Waldron, Jno. Co. (Machinery & Castings)
NEW ORANGE—*†Wright, Chas. & Co. (Wood Working Machy.)
ORANGE—*Edison Mfg. Co. (Electrical Specialties)
*Orange Machine & Mfg. Co. (Machinists)
*Townsend, S. P. & Co. (Lawn Mowers)
OXFORD—Empire Steel & Iron Co.
†Janson Steel & Iron Co.
PASSAIC—†Binns, Henry (Iron Fdry.)
*De Vries Bros. (Machinists)
*Lyall, J. & W. (Textile Machy., Looms, etc.)
*†Robins Conveying Belt Co. (Conveying Machinery). (See New York City)
*Uehling-Decker Co. (Pyrometers, Surgical Instruments, etc.)
PATERSON—*†American Locomotive Co. (See New York City
*§Asbell, S. J. Co. (Brass Goods)
*§Atherton Machine Co. (Silk Machy.)
†Barker, Fred. Co. (Iron Fdrs.)
§Casson & Middleton (Brass Fdrs.)
*†Eastwood, Benj. Co. (Textile Machy., Castings, etc.)
*Gerber, Edw. (Est. of), (Machinist)
†Hilton, Saml.
*Jackson, Jas. & Sons, Inc. (Textile Machinery, etc.)
*King, Quick & Gerber Co. (Machinists)
*Knapp, C. H. (Textile Machy., etc.)
*§McNab & Harlin Mfg. Co. (Brass Fdrs. & Finishers, Plumbing & Steam Specialties, etc.) (See New York City)
*†Passaic Steel Co.
*†Paterson Machine Works (Silk Machy.)
*†Rogers Locomotive Works (Locomotives, etc.) (See New York City)
*Royle, John & Sons (Photo Engraving, Rubber & Textile Machy., etc.)
*Shaw & Croker Machine Co. (Silk Machy.)
*Sipp Electric & Machine Co. (Special & Electric Machy., etc.)
§Taylor, Robt. & Son (Brass Fdry.)
*Terhune, J. I. Machine Works (Silk & Velvet Finishing Machy. etc.)
*†Todd, Jos. C. (Jute Machy., etc.) (See New York City)
*†Watson Machine Co. (Cordage & Silk Mill Machy., Castings, etc.)
*Webendorfer Machine Co. (Machinists)
*§Wood Drill Works (Brass Fdry. & Finishers, Rock Drills, etc.)
PAULSBORO—*Cox, I. G. & Bro. (Ag'l. Implts, etc.)
PENNINGTON—*†Pennington Fdry. & Heater Co. (Steam Heaters, Castings, etc.)
PERTH AMBOY—*Dutton Engineering Co. (Gasoline Engines & Launches)
*Hibbard, Rodman & Ely Safe Co. (Bank Vaults & Safes)
*†Marcy Stove Repair Co. (Stove Repairers)
*Perth Amboy Dry Dock Co.
*Perth Amboy Shipbuilding & Engineering Co. (Ship & Engine Builders)
*†Schantz & Eckert (Machinery Builders)
*Smith, Blackburn Co. (Engineers & Machinists)
†White, P. & Sons (Castings, etc.)
PHILLIPSBURG—*†Warren Foundry & Machine Co. (Cast Iron Pipe & Water Works Specialties)
*Tippett & Wood
PLAINFIELD—*Hibbard, Rodman & Ely Safe Co. (Bank Vaults & Safes)
*†Niles-Bement-Pond Co. (Machine Tools, etc.) (See New York City)
***PEDRICK & AYER CO.** (Machine Tools, etc.)
*Plainfield Tool & Equipment Co. (Punches, Dies, etc.)
*†Potter Printing Press Co. (Printing Presses, etc.)
*†Scott, Walter Co. (Printing Presses, etc.)
*Welvant Mfg. Co. (Bookbinders' Machy.) (See New York City)
POTTERSVILLE—Excel Mfg. Co. (Grinding Mill, Crushers & Pulverizers)
RAHWAY—*†Gordon Press Works (Printing Presses, etc.)
RARITAN—*†Kenyon, D. R. & Son (Textile Machy.)
*†Roberts Safety Water Tube Boiler Co.
RIDGEFIELD PARK—†Riverside Boiler Works
RIEGELSVILLE—*Taylor, Stiles & Co. (Machine Knives, etc.)
ROCKAWAY—†Hoagland, M. Son Co. (Iron Fdrs.)
ROSENHAYN—†Sommers, E. F. (Iron Fdry.)
SALEM—*Ayars Machine Co. (Canning & Can-Making Machy., etc.)
*†§Salem Brass & Iron Mfg. Co.
SMITHVILLE—*†Smith, H. B. Machine Co. (Wood Working Machy., etc.)
SOUTH VINELAND—Bidwell, R. O. (Sand Washing Machy.)
SWEDESBORO—†Decker, E. D. (Iron Fdry.)
TRENTON—*Baker, Wm. H. (Machinist)
*†Billingham, P. & Co. (Fdrs. & Machinists)
*Butterworth, Wm. H. & Bros. (Ag'l Implts. etc.)
*†Crossley Mfg. Co. (Rubber & Pottery Machinery)
*†De Laval Steam Turbine Co. (See New York City)
*†Fisher & Norris (Knives, etc.)
*Logan, W. P. (Machinist)
*†McFarland Foundry & Machine Works
*†MacKenzie, Duncan Sons Co. (Pottery, Rubber & Wire Machy.)
†MacKenzie, Jos. W. †Iron Fdry.)
*†§Mott, J. L. Iron Works. (Sec New York City)
†New England Steel Casting Co.
*†Reeves Engine Co. (Steam Engines)
†Skillman Hardware Mfg. Co.
*Stahl, H. E. (Machinist)
*Steinert, Jos. (Machinist)
*Sutphin, E. E. (Machinist)
*†Thropp, J. E. Sons Co. (Marine Engines & Rubber Machy.)
*†Thropp, W. R.
*§Trenton Brass & Machine Co. (Brass Fdrs. & Finishers)
*†Trenton Iron Co. (Elevating & Conveying & Wire Pointing Machy. See New York)
§Trenton Lamp & Mfg. Co. (Lamps & Brass & Iron Beds)
†Trenton Malleable Iron Co.
*Watson, John (Axles & Machinist, etc.)
VIENNA—†Wolf, D. D.
VINELAND—*Blaisdell, Arlond H. Machinist)
*Keighley, Wm. B.)Shoe Machy.)
†Steward, Jas. L. (Iron Fdry.)
*§Weaber, Adam (Brass Fdry.)
WASHINGTON—†Bowers, R. Q. Jr. (Iron Fdry
WOODBURY—*Davis & Zimmerman (Machinists)

NEW MEXICO.

ALBUQUERQUA—*†Albuquerqua Fdry. & Machine Works
LAS VERGES—*†Adlon, J. C.
MESILLA—*†New Mexico College of Agriculture

NEW YORK.

ADDISON—*†Chatfield, E. S. (Machinist & AKRON—†Thayer, Theodore Fdry.)
ALBANY—*†§Albany Brass & Iron Co. (Engineers', Brewers' & Plumbers' Supplies & Brass Founders & Machinists), 174 B'way
†Albany Foundry Co. (Stoves), Van Rensselaer Isl.
*Albany Steam Trap Co. (Steam Traps, etc.), 60 Church
*†§Angus, C. H. (Iron, Brass, Bronze & Aluminum Castings, Finishing & Plating, etc.), 319 N Pearl
*Breslin Bros. (Machinists), 68 Church
*Burdick & Son (Stove Specialties, Dies, etc.), Hamilton cor Mosher
†Campbell, Harry E.
*†§Clark, John W. (Gray Iron, Brass, Bronze & Aluminum Castings & Light Machine Work), Pleasant nr Pearl
*†Consolidated Car Heating Co. (Car Heaters, etc.), 423 N Pearl
§Cox Brass Mfg. Co. (Valves, Pumps, etc.)
*Dederick's, P. K. Sons (Hoisting Engines, Baling Presses, etc.), Tivoli
§Fitzgerald, Jno. L.
*Gaynor, Peter F.
*Gledhill, Jas. (Machinist), 22 De Witt
†Hartnett, Jno. J. (Iron Foundry), 16 De Witt
*Kelly, Luke J. (Lifting Jacks, Windlasses, etc.), 307 N Pearl
*Kemp, Geo. E. & Son (Machinicts), 797 B'way
*Kemp, Jas. N. (Grinding & Polishing Machinery, etc.), 887 Broadway

*†Littlefield Stove Co. (Stoves & Ranges)
*†McKinney, Jas. & Son (Castings & Bldrs.' Iron Work), 925 Broadway
*Nicholson, Aaron (Machinist), 11 Church
*Pabst Automatic Machine Co., 411 B'way
†Page's, Isaiah Sons (Grey Iron Castings, etc.), 60 Liberty
*†Rathbone, Sard & Co., N Ferry & Rathbone
*Seifts, Edmond W. Machinist), 8 Liberty
*Skinner & Arnold Co. (Steam Engines, Propeller Wheels, etc.), 207 B'way
*†Thacher, Geo. H. & Co. (Car Wheels)
*†Townsend Foundry & Machine Shop Co. (Light & Heavy Machinery Castings, Paper Mach'y, Hydraulic Presses, etc.), Broadway & Rensselaer
*†Van Wormer, J. & Co. (Stoves), B'way & Arch

ALBION—†Bromley Foundry Co. (Iron Fdrs. & Plows, Cultivators, etc.)
*Edgar, M. & R. (Machinists)
*Warner, K. N.

ALFRED—*Rogers Machine Tool Co.

AMBER—*Kenyon, Wm. (Machinist)
*†Newman, Addison (Fdry. & Machinist)

AMENIA—Amenia Steam Heating Co. (Heating Apparatus, etc.)
*†Fry, B. H. (Stoves)

AMENIA UNION—†Buckley, Chas. E. (Plows, etc.)

AMSTERDAM—*American Box Machine Co. (Paper Box Machy.)
*Breedon's Wm. Sons (Machine Needles, etc.)
*†Inman Mfg. Co. (Paper Box Machy.)
*Johnson, C. P. (Machinist)
*†Klauder-Weldron Dyeing Machine Co. (Textile Mach'y)
*MacCordy Button Machine Co. (Button Mach'y, etc.)
†Perkins Foundry Co.
*Shuler, D. W. & Son (Elliptic & Coil Springs, etc.)
*†Smeallie Bros. (Pumps, Engines & Engravers' Mach'y, etc.)
*Terwilliger, W. H. & Co. (Machinists)
*Thomas & Shepard (Gears, etc.)

ANTWERP—†Hogan Bros. (Iron Fdry.)

ATHENS—*†Athens Fdy. & Mach. Shop Co. (Fdrs. & Machinists)

ATTICA—*Adams, C. E. (Machinist)
*Danley, F. R. (Machinist)

AUBURN—American Wringer Co. See New York City
*Bowen Mfg. Co. (Machine Screw Work & Oiling Devices, etc.)
*Bowen & Quick (Threshers, etc.)
*†Clapp, E. D. Mfg. Co. (Carriage Hdw., etc.)
*Conklin, E. D. (Machinist)
*†Crane, W. W. (Est. of) (Drop & Trip Hammers, etc.)
*Eccles, Richard Co. (Drop Forgings, Carriage Hdw., etc.)
*Henry & Allen (Machine Knives, etc.)
§Leather & Brass Mfg. Co. (Air Compressors, Bicycle Cranks, etc.)
*†McIntosh, Seymour & Co. (Engines, etc.)
*Meyer & Co. (Coil & Spiral Springs, Nuts, Axle Collars, etc.)
*†New, Birdsall Co. (Harvesting & Saw Mill Mach'y, Traction Engines, etc.)
*†Osborne, D. M. & Co. (Harvesting Machy, etc.)
*Wadsworth, David & Son (Scythes, etc.)

AVON—*†Champion Drill Co. (Grain Drills, Cultivators ,etc.)

BALDWIN—*Baldwin Motor Co. (Gaoline Motors)

BALDWINVILLE—*Fancher Machine Co.
*†**MORRIS MACHINE WORKS** (Steam Pumps & Steam Engines, etc.) (See adv. index, end of book)
*Young, Jno. M. (Machinist)

BALLSTON SPA—†Reynolds, Jno. W. (Iron Fdry.)
*†Uline Bros. (Machinists)

BATAVIA—*Baker Gun & Forging Co. (Shot Guns, etc.)
*Bidwell, C. H. (Bean Threshers, etc.)
*Cooley, R. L. (Machinist)
*†Johnston Harvester Co. (Agl. Implts.)
*Rowell Machine Co.
*†Wiard Plow Co. (Plows & Agl. Implts.)

BELMONT—*†Clark Bros. Co. (Steam Engines, Saw Mill Mach'y, etc.)

BERGEN—§Miller, Orville (Brass Fdry.)

BINGHAMTON—*American Fork & Hoe Co. (Forks, Hoes, etc.)
*Binghamton Machine Tool Co. (Machine Tools)
Bowers, L. M. & Co. (Anchors, etc.)
*Canfield, P. B. (Gas Engines)
†Crandal, Stone & Co. (Carriage Hardware, etc.)
*Gaylord & Eitapence (Machinists, etc.)
*Heath, Robt. S. (Machinist)
*§International Time Recording Co. (Time Recorders, etc.)
*†Jones of Binghamton (Scales, etc.)
*Marvin Electric Drill Co. (Electric Drills, etc.)
*Osgood Evolution Scale Co. (Scales)
*†Osgood Scale Co. (Scales, etc.)
*†Shapley & Wells (Steam Engines, etc.)
*Star Electric Co. (Electric Specialties, etc.)
*†Stow Mfg. Co. (Flexible Shafts & Electric Motors, etc.)

BOLIVER—*Beatty & Jordan (Machinists)

BRASHER FALLS—†Kennehan, P. E.

BROWNVILLE—*†Brownville Iron Works (Paper Mill Mach'y)

BUFFALO—*§Abel, Geo. L. (Brass Fdry.), 18 Elk
†Acme Steel & Malleable Iron Works (Steel & Malleable Iron Castings), 245 Military rd
*Aldrich Mfg. Co. (Copper & Brass Goods) 55 Illinois
*†American Brake Shoe & Fdry. Co., 1676 Bailey av
*†American Car & Foundry Co. (Iron), 80 Metcalf
*American Machine Co. (Flour Mill Machinery), 357 7th
*†American Radiator Co. (Radiators, etc.) See Chicago
*†American School Furniture Co., 824 Seneca
*American Shading Machine Co., 145 Mayer av
*†Bell, David Engineering Works (Ship Bldrs., Steam Hammers, etc.), 406 W Ferry
*§Bingham & Taylor (Brass & Iron Fdrs.), 218 Ellicott sq
*Blackhall Mfg. Co. (Bookbinders' Machinery), 10 Lock
*†Brown Car Wheel Works (Car Wheels, etc.), Howard & Thomas, Buffalo Dry
*Bryant, O. Sons & Co. (Special Machinery, etc.), Dewitt & Bradley
Buffalo Brake Beam Co., 92 Chandler
*†Buffalo Car Wheel Foundry Co. (Car Wheels, etc.), Scott & Larkin
*†Buffalo Co-operative Stove Co. (Stoves), Amherst & Tonawanda
Buffalo Dry Dock Co. (Shipbuilders)
*Buffalo Engine Co. (Engines, etc.), 272 Michigan
*Buffalo Engine Works (Ice & Refrigerating machines, etc.), 60 Indiana
*†Buffalo Forge Co. (Engines, Blowers, etc.), Broadway & Mortimer
†Buffalo Foundry Co. (Grey Iron & Semi-steel Castings up to 100 ton)
*Buffalo Gasoline Motor Co. (Marine & Automobile Motors), Niagara & Auburn av
*§Buffalo Meter Co. (Water Meters, etc.), 290 Terrace
*†Buffalo Pitts Co. (Agl. Implts., Steam Road Rollers, etc.), Carolina & 4th
*†Buffalo Scale Co. (Brewers & Malsters, Testing Machines, etc.), 81 Scott
Buffalo Specialty Mfg. Co. (Hardware Specialties, etc.), 375 Ellicott
*Buffalo Steam Roller Co. (Steam Road Rollers, etc.), Carolina & 4th
Buffalo Steel Shafting Works (Polished Steel Shafting, etc.), ft Baitz av
Buffalo Tool & Machine Co. (Woodworking Mach'y), 176 Terrace
*Cary Safe Co. (Safes & Locks), Chicago & Scott
*†§Case, W. A. & Son Mfg. Co. (Mfrs.', Plumbers' & Steam Fitters' Castings, etc.), 31 Main
*Centaur Motor Vehicle Co. (Gas & Electric Motors, etc.), 59 Franklin
*†Clark Mfg. Co. (Iron Fdrs. & Hardware Specialties), 260 Chandler
*†Contractors Plant Mfg. Co. (Contractors' Machy & Tools, etc.), 129 Erie
§Deck Bros. (Brass Fdrs.), 20 Indiana
De Laney Forge & Iron Co., 300 Perry
*Diamond Saw & Stamping Works (Power Hack Saws, Emery Wheel Dressers, etc.), 357 7th
*†Dopp, H. W. Co. (Bakers' & Confectioners' Machinery)
*Driscoll & Fletcher (Printing Presses, etc.), 164 Ellicott
†East Buffalo Iron Works, 9 Kent
*Eastman Machine Co. (Cloth Cutting Machines), 45 N Division
*Empire Machine & Stamping Co., 59 Terrace
*†Empire Metallic Bedstead Co.
Empire Shipbuilding Co., ft Genesee
†Ernst, Chas. F. (Iron Fdry. & Bldrs. Iron Work), 65 Lathrop
*†Farrar & Trefts (Steam Engines), 60 Perry
*Feine, August (Iron Fdry. & Bldrs. Iron Work), 152 Terrace
*†Fillmore Av. Foundry & Iron Works, 153 Fillmore av
Finley-Otten Foundry Co.
*Frank Machinery Co. (Woodworking Machinery), 50 Mechanic
§Fries & Co. (Brass Fdrs.), 89 Main
*†Frontier Engine Works (Steam Engines, etc.), ft Illinois
*†General Railway Signal Co. (Railway Signals, etc.), 1738 Elmwood av
*†Ginther's, J. Sons (Iron Fdrs. & Bldrs. Iron Work, etc.). B'way & Pratt
*Griffin, P. H. Machine Works, 15 Forest av
*Harrington, N. B. & Co., 106 Broadway
*Heiser, Wm. (Machinist), 114 Clinton
§Hickey, Michael J. (Brass Fdry.), 123 Auburn av
*Hoffeld, R. & Co. (Axle Washers, Mach'y & Tools, etc.), 69 Carroll
*†Holmes, E. & B. Machinery Co. (Wood Working Mach'y), 59 Chicago
*†**HOWARD IRON WORKS** (Elevators & Printers & Bookbinders Mach'y, etc.), 287 Chicago. (See adv. index, end of book)
*†International Steam Pump Co. (Snow Works). (See New York City)
*†Iroquois Iron Works (Steam Road Rollers, Asphalt Mach'y & Tools, etc.), 178 Walden av
Jetter Mfg. Co. (Hardware Specialties, Tools, Files, etc.), 861 Jefferson av
*†Jewett & Co. (Stoves, Ranges, etc.), 32 Mississippi
§Kast Copper & Sheet Iron Co. (Brass Fdrs.), 89 Main
*Keim, Jno. R. (Cycle Fittings & Hardware Specitlties, etc.), Kensington av & Erie tracks
†Kellog Iron Works (Arch. Iron & Steel Work), Illinois & Mary
*Kelsey Co. (Bicycle Parts & Sundries, etc.), 45 Niagara
*Keystone Mfg. Co. (Machinists' Tools, etc.), 45 Chandller
§King Iron Works ((Trout & Hickok, Props.), (Brass Fdrs., Marine Engines, etc.), 226 Ohio
*†Lackawanna Steel Co.
*Lake Erie Engineering Works, Chicago & Ferry
*†Lawler Iron Works, 214 Chicago
§Lawrence Brass Foundry Co.
*Lazier Gas Engine Co., Ellicott sq
*Lumen Bearing Co. (Babbitt Metals, etc.)
*§Magnus Metal Co. (Bearings, etc.), Fidelity Trust bldg
*Manzel Bros. (Automatic Oil Pumps, etc.), 46 B'way
*§Maute, Jacob & Sons (Brass Fdrs. & Machinists), 23 Kane
*McCarthy Bros. & Ford (Electrical Specialties, etc.), 45 N Division
§McCutcheon, C. H. (Brass Fdry), 18 Ohio
*†**MEY CHAIN BELTING ENGINEERING WORKS** (Chain Belting & Elevating & Conveying Mach'y, etc.), 14 Perry. (See adv. index, end of book)
*†New York Car Wheel Co. (Iron Fdrs., Car Wheels & Couplings, etc.), Niagara & Forest av
*†**NIAGARA MACHINE & TOOL WORKS** (Iron Fdrs., Punches, Presses & Sheet Metal Working Mach'y, etc.), Jefferson, Superior & Randall
*†Noye Mfg. Co. (Steam & Gas Engines & Flour Mill Machy.), 50 Lakeview av
*O. K. Machine Vo. (Machinists), 75 Ellicott
§O'Brien & Son (Brass Fdrs., etc.), 33 Indiana
*Olin Gas Engine Co. (Gas & Gasoline Engines), 12 Lock
*Oliver, W. W. Mfg. Co. (Jewelers' Tools & Mach'y, etc.), 1483 Niagara
*Pierce, Geo. N. Co. (Bicycles & Automobiles, etc.), 686 Main
*Pierce, Wm. B. Co. (Boiler Tube Cleaners), 327 Wash'n
†Pirkl, Jno. (Ornamental Iron), 240 N 10th
*†Pratt & Letchworth Co. (Steel & Malleable Iron Castings & Saddlery Hdw., etc.), 189 Tonawanda

*Queen City Engineering Co. (Steam Pumps, Engines, etc.), 49 Illinois
*§Ray, Geo. A. Mfg. Co. (Brass & Copper Goods), 1489 Niagara
*†Reading Car Wheel Co. (Car Wheels, etc.), Fidelity bldg; also Reading, Pa.
*Robertson Mfg. Co. (Hdw. Specialties, Grading Tools, etc.), 1455 Niagara
*Rogers, S. C. & Co. (Brazing & Excelsior Mach'y, etc.), 10 Lock
*†Ross, Josiah (Wood Working Machinery), 1443 Niagara
*Ruger, J. W. Mfg. Co. (Bakers' Mach'y, etc.), Perry & Chicago
§Schmahl, John H. (Brass Fdry. & Machinist), 471 Ellicott
*§Sherwood Mfg.† Co. (Brass Fdrs., Engine & Boiler Specialties, etc.), 34 Wash'n
*Smith, W. H. Mfg. Co. (Hot Air Engines), 8 Lock
*Smiths'. John E. Sons Co. (Tanners' & Butchers' Machinery, etc.). 50 B'way
*†§Stewart Heater Co. (Brass Fdry., Boiler Feed Heaters, Power Pumps, etc.), 389 Norfolk av
*Tabor Pump Co. (Steam Pumps, etc.), Swan & Ellicott
*Thomas, E. R. Motor Co. (Motor Bicycles, etc.)
*Throop Perforating Co. (Perforating Machines), 80 Terrace
†U. S. Cast Iron Pipe & Foundry Co., 280 Box av. See New York City
*†**WARSAW ELEVATOR CO.** (Elevators, Barrel Elevating & Conveying, Salt Well, Special, etc.) (See adv. index, end of book)
*Weeks Scale Works (Scales, etc.), 361 7th
*Wegner Machine Co. (Ice & Refrigerating Plants), Perry & Mississippi
*West Mfg. Co. (Sheet Metal Workers, Tools & Mach'y), 7th & Hudson
White, L. & I. J. Co. (Edge Tools, Machine Knives, etc.), Perry & Columbia
*Whitman Mfg. Co. (Machinists), 178 Ohio
*Wolfe, Arthur P., 23 Carroll
*§Zero Valve & Brass Mfg. Co. (Brass Fdrs. & Finishers), 296 Seneca

BURNT HILLS—Baker, B. F. Co. (Plows, etc.)

BYRON—†McElver, Jas. & Sons (Iron Fdrs.)

CALEDONIA—*Caledonia Bean Harvester Co. (Bean Harvesters, etc.)
*†Miller, F. W. (Agl. Implts.)

CALLICOON DEPOT—*Cook, T. A. (Creamery Machinery)

CAMBRIDGE—*†Lovejoy, H. H. & Son (Plows & Grey Iron Castings)

CAMDEN—*†Camden Water Wheel Works
*Hynes, Frank R.

CANANDAIGUA—*†Davidson, Alex. (Plows & Castings)
*Salnave, W. A. (Machinist)

CANASTOTA—*†Cady, C. N. (Machinist)
*Marvin & Casler Co. (Elec. Specialties)
*†Patten & Stafford (Rakes, Harrows, etc.)
*Watson Wagon Co. (Dump Wagons, etc.)

CANISTEO—*†Carter, W. D.

CANTON—*Dailey, Asa (Machinist)
†Dishaw Bros. (Iron Fdry.)

CARTHAGE—*†Carthage Machine Co. (Machinists)
*International Air Brake Co.
*†Ryther & Pringle Co. (Machinists)

CASTILE—Shumacher Bros. & Nixon (Agl. Implts.)

CATO—†Dutton, E. Q. & Co. (Iron Fdrs. & Plows, etc.)

CATSKILL—*†Catskill Fdry. & Machine Works (Machinists & Fdrs., Gears, Pinions, etc.)
*Gaylord, J. F. B. & S. (Spray Pumps, etc.)

CATTARAUGUS—*Milne Mfg. Co. (Plumbers' Supplies, etc.)
United States Edge Tool Co. (Axes & Edge Tools, etc.)

CENTRAL BRIDGE—†Keyes & Eckerson (Iron Fdrs., etc.)

CHAMPLAIN—*†Sheridan Iron Works

CHERRY CREEK—†Annis, A. W.

CHURCHVILLE—†Snyder & Hughes (Iron Fdry.)

CLIFTON SPRINGS—*Durkee, Geo. A.

CLYDE—*Rodwell, G. (Machinist)
*†Wood, S. W. & Son (Engines, etc.)

COBBLESKILL—*†Harder Mfg. Co. (Threshers, Clover Hullers, etc.)
†Rickard, Ira D. (Iron Fdry.)

COHOES—*Beattie, Wm. & Son (Textile Mach'y)
§Brown & Co. (Bell Fdrs., etc.)
*†Campbell & Clute Machine Co. (Textile & Knitting Machy & Grey Iron Castings)
*†§Cohoes Iron Foundry & Machine Co. (Slashing Machinery, Elevators & Brass & Iron Castings)
*†Cohoes Rolling Mill Co. (Textile Mach'y, etc.)
*Excelsior Machine Co. (Potato Diggers)
*Kennedy, Thos. (Textile Mach'y)
*McCreary, Edw. (Machinist)
*†Rensselaer Mfg. Co. (Valves, Hydrants, etc.) See Troy

COLD SPRING—*†Cornell, J. B. & J. M. Co. See New York City

COLUMBIAVILLE—*Downer, E. I.

COPAKE IRON WORKS—*†Columbia Plow Works (Plows, etc.)
†Copake Iron Co.

CORNING—*†Allen, E. R. Foundry Co. †Machinery & Bldrs.' Castings, etc.)
*†American Brake Shoe & Fdry. Co. (See Mahwah, N. J.)
*†Heermans & Lawrence (Fdrs. & Machinists)
*†Hood Furnace & Supply Co.
*†Symington, T. H. & Co. (R. R. Specialties)

CORTLAND—*†Cooper Bros. (Founders & Machinists)
*†Cortlandt Implement Co. (Agl. Implts.)

COXSACKIE—*†American Valve Co. (Valve Mfrs., etc.)
*†Kennedy Valve Mfg. Co. (Valves, Hydrants, etc.)
*†Newbury, J. G. (Grey Iron Castings & Steam Pipe Fittings, etc.)

CROTON FALLS—*Juengst, Geo. & Sons (Machinists)

CUBA—†Graves, A. H. (Iron Fdry.)

DANSVILLE—*†Ossian Street Fdy. & Mach. Co.
*†Sweet, Geo. Mfg. Co. (Mowers & Reapers, etc.)

DELHI—†Sturges & White

DEPEW—*†Gould Coupler Co. (Car Couplers & Malleable Iron Castings.) (See New York City
*†Gould Coupler Co. (Car Couplers & Malleable Iron Castings). See N. Y. City
*§Mangus Metal Co. (See Buffalo)
*Railway Steel Spring Co. (See New York City)

DEPOSIT—†Deposit Foundry Co. (Iron Fdrs.)

DESPATCH—*†Ontario Drill Co. (Grain Drills, etc.)

DOLGEVILLE — *Eaton, Wyman (Machinist, etc.)
*Menge, Wm. (Machinist)

DUNKIRK—*†American Locomotive Co. (See New York City)
*Flesher, Chas. H. (Machinist)
*Mulholland Co. (Carriage Springs, etc.)
*Romer Axe Co. (Axes & Edge Tools)
*†United States Radiator Co. (Radiators, etc.)

EAST AURORA—*†Peck, S. H. (Plows, etc.)
*Vogt, Jno. (Machinist)

EAST RANDOLPH—†Huntington, Chas.

EDMESTON—†Green, Nelson L.

ELBA—*†Barr, Newton L. (Fdry. & Machinist)

ELBRIDGE—*Elbridge Electrical Mfg. Co. (Dynamos & Motors, etc.)

ELLENVILLE—†Hoyt, Canner & Co. (Castings, etc.)

ELMIRA—*Cronk & Carrier Mfg. Co. (Hardware Specialties, Door Hangers, etc.)
*Elmira Saw & Machinery Works
*Moffat, Jas. W. (Machinist)
*†Payne Co. (Steam Engines)
*§Swift Lubricator Co. (Lubricators, Valves, etc.)
*Thomas, Chas. (Machinist)

FAYETTVILLE—*Syracuse Machine & Tool Co.

FISHKILL-O N-T H E-HUDSON — *†Dutchess Tool Co.
*†Fishkill Landing Machine Co. (Steam Engines, etc.)

FORT EDWARD—†Fort Edward Brass & Iron Works

FORT PLAIN—*§Yerdon, Wm. (Hose Bands. etc.)

FRANKFORT—*†Acme Road Machinery Co. (Road Machinery, etc.)
*Continental Tool Co.
*Pratt Chuck Co. (Chucks, etc.)
*Tisdale & Russell (Machinists)
*§Utica Steam Guage Co. (Steam Gauges. etc.)

FRANKLIN—†Pomeroy, Seymour (Iron Fdry.)

FRANKLINVILLE—*Ontario Knife Co. (Tools, etc.)

FREDONIA—*Barnum, W. P. (Valve Re-Seating Machines)

FRIENDSHIP—*†Drake Hdw. Co. (Stoves & Dairy Goods)

FULTON—*†Dilts Machine Co. (Paper Mill Mach'y, Castings, etc.)
*†Emeny, G. J. Co. (Ensilage Cutters, Cider Mill Machinery & Hot Air Furnaces)
*Foster Bros. & Chatillon Co. (Edge Tools, etc.)
*Hunter Arms Co. (Arms)
*Hunter Fan & Motor Co. (Water Motors, Fans, etc.)
*Parker, J. J. & Co. (Machinists)
*Taylor Bros. & Co. (Machine Knives, etc.)

GENESEO—*Barclay, Geo. P. (Machinist)

GENEVA—*†Catchpole Boiler, Fdry. & Mach. Co.
*Fay & Bowen (Gasoline Enines, etc.)
*Goodwin, David W. (Machinist)
*†Herendeen Mfg. Co. (Heating Apparatus)
*†New York Central Iron Works (Engines, Heaters & Castings)
*†Phillips & Clark Stove Co. (Stove Mfrs.)
*†Summit Foundry Co. (Stoves)

GLENS FALLS—*†Dix Foundry & Machine Co. Barrel Machinery & Castings, etc.)
*Lapham, Mortimer (Machinist)

GLOVERSVILLE—†Corey, W. J.
*Curtin-Hebert Mfg. Co. (Glove Machinery, Emery Wheel Dresses, etc.)
*Haag, Jacob Cutting Die Works (Glove Cutting Dies, etc.)
*†Mclius-Steel Machine Works (Machinists)

GOSHEN—†Newbury, Jay H. (Cast Iron Soil Pipe, etc.)

GOWANDA—*†Gowanda Agricultural Works Co. (Agl. Implts., etc.)
Smallwood, W. W. Mfg. Co. (Corrugated Steel Fasteners, etc.)
†Star Iron Works

GRASSY POINT—*†§Wiles, A. M. & W. H. Co.
(Brick Mach'y & Iron & Brass Castings)

GREENE—*†Lyon Iron Works (Fdrs. & Machinists, Feed Cutters, etc.)

GREEN ISLAND—*Clifford, Jas. J. & Co. (Machinists)
†Hymas, Pinkerton & Mull (Hot Air Furnaces)

GREENPORT—*Hedges, Sam'l P. (Machinist)

GREENWICH—*†Eddy, W. Plow Co. (Machinists, Founders & Plow Mfrs.)

GREENWOOD—*†Woodward, G. M. (Fdry. & Machinist)

GROTON—*†American Road Roller Co. (Steam Road Rollers, Rock Crushers, Castings, etc.). See New York City
*Crandell Typewriter Co. (Typewriters)
*National Bridge Supply Co.

GUILDERLAND—†Guilderland Foundry Co.

GUILFORD—*†Merchant, A. P. (Fdry. & Machinist)

HAMILTON—*†Graham, Dwight
*Peet, R. J. (Machinist)

HAMMOND—*†Evans Mfg. Co. (Agl. Implts.)

HAMMONDSPORT—*Zimmer, Philip G.

HANCOCK—†Stimson, T. F. (Iron Fdry.)

HAVERSTRAW—*†Waldron, Chas. (Machinist)

HERKIMER—*Clark, Jas. A. (Machinist)
*Klock, A. B. (Machinist)

HILLBURN—*†Ramapo Iron Works (Cars, Castings & General Track Equipments)

HOOSICK FALLS—*†Noble & Wood Machine Co. (Paper Mill Machy.)
*†Wood, W. A. Mowing & Reaping Machine Co.

HORNELLSVILLE—†Davis Fdy. (Inc.)

HONEOYE FALLS—†Yorke, W. R.

HORSEHEADS—*†Weller Hdw. & Foundry Co. (Grey Iron Castings & Hdw. Specialties)

HUDSON—*†Gifford Bros. (Ice Handling Machinery, Castings, etc.)

ILION—*Remington Arms Co. (See N. Y. City)
*†Ross, A. M. & Co. (Agl. Implts., Pumps, Plows, etc.)
*†Wyckoff, Seamans & Benedict (Typewriters). (See New York

IRVINGTON—*†Lord & Burnham Co. (Horticultural Builders & Greenhouse Heating Apparatus)

ITHACA—*Clinton, C. M. (Machine Work)
*†Godfrey, E. O. (Machine Work)
*Ithaca Gun Co. (Guns & Typewriters)
†Lang & Button (Founders)
*†Williams Bros. (Well Drilling Mach'y & Agl. Implt. Castings)

JAMESTOWN—*Anderson Bros. (Machinists)
*Blackstone Mfg. Co. (Corn Planters, Washing Machines, etc.)
*Danielson, J. P. & Co. (Special Machy., Tools, etc.)
*†Eagle Fdry. & Mach. Co. (Fdrs. & Machinists)
*†Engineering & Power Co. (Engines & Light Metallic Specialties)
*Gurney Ball Bearing Co.
Hjorth, Wm. & Co. (Wrenches, etc.)
*Huntington, Alfred (Machinist)
*Maddox Machine Co. (Woodworking Machinery)

*†Maher, Patrick (Machinist & Fdry.)
*Phillips Barrel Co. (Barrel Mach'y)
*Rushworth, Isaac (Machinist)
*United States Standard Voting Mach. Co. (Voting Machines)
Weber Mfg. Co. (Cabinet Hdw. & Specialties)
JOHNSTOWN—*Travis & Oezko (Machinists)
KINGSTON—*†Lawton, Wm. F. (Fdry. & Machinist)
†Millard, Jas. & Son (Iron Fdry.)
Moore, M. E. Bronze & Plate Co.
*†Peckham Mfg. Co. (Elec. Motor Wheels &Trucks)
*†Riddick, Robt. Co. (Fdry. & Machinist) (Wood Working Machy.)
LANCASTER—*Lancaster Machine & Knife Works (Bit Braces, Machine Knives, etc.)
†Lancaster Mallcable Iron Works (Castings, etc.)
†Maute, Frank (Iron Fdry.)
LEONARDSVILLE — *†Babcock Mfg. Co. (Plows, Cultivators, Harrows, etc.)
LE ROY—*† Le Roy Plow Co. (Plows, etc.)
LESTERSHIRE—*†Heath, W. A. Machine Co. (Woodworking Machy)
LIMA—*§Papec Machine Co. (Machinists, Feed Cutters, etc.)
LITTLE FALLS—*†Burrell, D. H. & Co. (Dairy Mach'y)
*Cheney, Henry Hammer Co. (Hammers, Tools, etc.)
†Reddy's, M. Sons (Castings, etc.)
*Snyder, Homer P. Mfg. Co. (Knitting Machinery)
*Stafford & Holt (Knitting Mach'y)
LIVONIA—*Nickerson, Jno O. (Machinist)
LOCKPORT—*†American District Steam Co. (Steam Traps, Regulators, Valves, etc.)
*†Boston & Lockport Block Co. (See Boston, Mass.)
†Bramley Bros. (Castings)
*Bryan Vacuum Moulding Machine Co.
†Gardner Foundry Works
†Hall Iron Works
*Holly-Carlos Co. (Machinists)
*†Holly Mfg. Co. (Pumps, etc.)
*Kolb, Edw. (Machine Work)
†McKim Foundry & Machine Co.
*†Merritt Mfg. Co. (Wood Working Machy)
*Nolan, Wm. (Machinist)
*†§Oliver Bros. Co. (Iron & Brass Bedsteads, etc.)
*†Richmond Mfg. Co. (Flour Mill Mach'y)
*Trevor Mfg. Co. (Paper & Pulp Mill, Wood Working, etc.)
*Ward & McLean (Looping Mach'y)
*Western Block Co. (Tackle Blocks, etc.)
LYNDONVILLE—†Gray, Wm.
LYONS—†Berns, Schlee & Bro. (Iron Fdrs.)
*Nagley Mfg. Co. (Tobacco Transplanters, etc.)
*Putnam, D. C. & Co. (Cooperage Machy.)
MACEDON—*†American Seeeding Machine Co. (Agl. Implts.)
MALONE—*†Hinds, Thos. (Stone Polishing & Stone Sawing Mach'y & Castings)
MAMARONECK—*†National Machine Co. (Machinists, etc.)
MANLIUS—§†Cheney, S. & Son (Iron Fdrs., Plow Castings, Stable Fixtures, etc.)
†Scoville, E. U.
MARATHON—*†Climax Road Machine Co. (Road Mach'y, etc.)
*†Livingston, Jas. (Machinist & Fdry.)
MASSENA SPRINGS—*Balch, F. (Machinist)
MATTEAWAN—*†§Corrigan Air Brake Co.
*†Green Fuel Economizer Co. (Fuel Economizers)
MEDFORD—Wellman Sole Cutting (Shoe & Special Machinery)
MEDINA—†Bignall Co.
*†Central Foundry Co. (Soil Pipe & Fittings). See New York City
*†Medina Foundry Co. (Soil Pipe & Fittings)
*†Swett, A. L. Iron Works
MELLENVILLE—†Smith, Webster
MERIDIAN—†Everts & Co. (Plows, etc.)
MEXICO—*Clark, Luther J. (Machinist)
MIDDLEPORT—*Lewis, E. J. (Canning Machinery)
†Sherwood, A. G. (Iron Fdry.)
MIDDLETOWN—*Clemsen Bros. (Saws, etc.)
*Coleman, Galen (Machinist)
†Martin, Jas. G. (Iron Work)
*Morgans & Wilcox Mfg. Co. (Printing Machinery)
*National Saw Co. (Saws, etc.)
MONROE—*†Newbury Mfg. Co. (Castings & Steam Fittings, etc.)
MONTOUR FALLS—*†**GENERAL PNEU**matic Tool Co. (Pneumatic Tools, etc.) (See adv. index, end of book)
MORAVIA—†Cady, Geo. S. & Co. (Fdrs.)
*Jewett, H. M. (Lawn Mowers)
MT. MORRIS—*Empire Machine Works (Wood Working Mach'y)
*†Genesee Valley Mfg. Co. (Grain Drills, Harrows, Corn Shellers, etc.)
MT. UPTON—*Willey, Leroy (Machinist)
MUNNSVILLE—*†Munnsville Plow Co. (Plows, etc.)
NAPANOCH—Pillsbury, M. M. (Edge Tools, etc.)
NASSAU—†Van Allen, Wm.
NEWARK—*†Hamer, T. L. (Castings & Plows)
NEWARK VALLEY—*†Kemp, J. S. Mfg. Co. (Manure Spreaders, etc.)
NEWBURGH—*†Abendroth & Root Mfg. Co. (Water Tube Boilers, Steam Engines, etc.)
*Chadbourne & Caldwell Mfg. Co. (Lawn Mowers)
*Coldwell Lawn Mower Co. (Lawn Mowers, etc.)
*†§Coldwell-Wilcox Co. (Valve & Water Works Appliances, Sugar Plantation Machinery, Iron, Bronze & Composition Castings, etc.)
***GREGG CO. (Sugar Cane Cars,** Unloaders, etc.) (See adv. index, end of book)
*Hyer-Sheehan Elec. Motor Co. (Elec. Motors)
§Kimball's, S. G. Son (Brass Fdr.)
*†Marvel, T. S. & Co. (Castings & Marine Railway)
*Mason, Geo. (Machinist)
§Monell, Geo. L. (Brass Finisher, etc.)
*†Newburgh Ice Machine & Engine Co. (Corliss Engines, Ice & Refrigerating Machines & Iron & Brass Castings)
NEW HAMBURG—*American Vacuum Drying Machine Co.
*†Stuart, R. J. (Compression Couplings, Castings, etc.)
NEW LISBON—*George, M. & R. L. (Steam Engines, etc.)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—†Acme Iron Foundry (Iron Fdry.), 280 N Henry
*Acton, Jno. (Machinist), 118 John
*Adriance, Benj., 111 Imlay
*Adriance Machine Works (Presses, Tools, Dies & Special Mach'y), 254 Van Brunt
*Almond, Thos. R. (Machinist, Drill Chucks, etc.), 83 Wash'n
*Alsing, J. R. Co. (Crushing, Grinding, Drying & Pulverizing Machinery), 75 Guernsey
*Ambrose Machine Co (Machinists, Metallic Packings, etc.), Eagle cor Provost
*American Air Compressor Works, Van Brunt & Summit. (See N. Y. City)
*†American Machine & Foundry Co. (Iron Fdrs. & Machinists), 346 Carroll
*American Stopper Co. (Bottlers Mach'y), 159 Water
*Anderson, Wm. (Machinist), 1 Jackson pl
*Andrews, Edw. N., 265 Wyckoff
*Atlantic Basin Iron Works, 11 Imlay
§Atlas Brass Foundry (Brass Fdrs.), 70 Frost
*†Auer, Jno., Jr. (Iron Fdry., etc.), 201 Middleton
*Baeuchle, Christian (Machinist), 133 Watkins
§Baker, Wm. (Brass Fdry.), 20 Dunham pl.
*Ball, Geo. M. & Son (Machinery), 56 Greenpoint av
*Ball & Jewell (Machinists), 26 Franklin
*Barber, Thos. (Machinist), 93 18th
*Barnes, David (Machinist), 916 Nostrand av
*Barrett, Jos. C. (Machinist), 176 N 4th
*Bate, Jas. (Machinist), 123 Nostrand st
Bates Machine Co. (Cash Registers), 706 Jamaica av
*Baylor, A., 287 Scholes
†Bay Ridge Industrial Iron Works, 1010 2d av
§Bell, Wm. & Son (Brass Fdrs.), 749 Hicks
†§Bell & Fyfe Foundry Co. (Brass & Iron Fdrs.), 28 S 11th
*Berger Bros. (Machinists), 36 Bridge
*Bergstrom & Bass, 84 3d
†Binney & Godfrey (Iron Fdrs., etc.), 40 Rodney
†Binns, David W. (General Iron Fdry.), 56 Sandford
*Blattner, Fred'k (Machinist & Millwright), 223 Maujer
*†Bliss, E. W. Co. (Sheet Metal & Plate Machy. Gears, etc.), 126 Front
§Bowie, Jno. L. (Brass Fdry.), 473 Hudson av
*§Brabson, T. & Co. (Brass Finishers), 473 Hudson av
*†Brass Goods Mfg. Co. (Brass Goods, etc.), Nevine c Union
*Brautigam & Hoelzlein (Machinists & Millwrights), 192 Bushwick av
*Brewster, J. N. & Co. (Machinists & Millwrights), 600 Kent av
*Briggs, Marvin (Mach'y), 155 6th
*Briggs & Contreras, 157 Ft. Greene pl
†Brooklyn City Foundry, Smith cor Creamer
*Brown, Chas. O. (Iron Work), 200 Bushwick av
*Brown, Geo. J. (Forgings & Machine Works), 75 West
*†Brown & Patterson (Machinists & Iron Fdrs.), 33 Marcy av
*Burns, C. O. Co. (Machinists), 432 Kent av
*†Burns Foundry & Machine Co. (Machinists & Iron Fdrs.), 62 Rutledge
*Burr, John T. & Sons (Machine Tools, etc.), 32 S 6th
†Burr & Houston Co. (Iron Fdrs., Electrical Work, Light Castings a Specialty), 33 Franklin
§Bush Brass Foundry (Brass Fdry.), 469 Malbone
*Busse & Lane, 478 Sumner av
*Cameron, Jas. A., 4th c Baltic
*Carpenter, Thos. D. (Mfr. Vacuum Pumps & Veneer Sawing Machines), 93 Pearl
†Chevalier Bros. (Piano Plates), 86 Quay
*Child, Wm. C. W. (Iron Fdry., Structural), 353 Kingsland av
*Christoffel's, A. Sons (Machinists), 277 Eldert
*†Chrome Steel Works (Chrome & Crucible Steel Castings, etc.), Kent av c Keap
*Clonbrock Steam Boiler Co. (Inc.), (Steam Generators), Court & Lorraine
*Columbia Engineering Works (Machinists), Imlay & Pioneer
*†§Columbia Machine Works & Malleable Iron Co. (Electric Railway Appliances & Malleable Iron & Brass Fdry.), 169 Chestnut
Congdon, Oliver (Machinist), 112 Front
*†Continental Iron Works (Iron Fdrs., etc.), 64 Calyer
§Coyne & Delany (Brass Fdrs.), 303 Rodney
*Creamer, W. G. & Co. (Mfrs.' Registers), Creamer & Smith
*Crowell, Gilmer (Mfrs. Tools & Mach'y), 294 Graham
*Currie, J. B. & Co. (Engineers & Machinists), 72 Adams
†Daley, John E. & Co. (Iron Fdrs.), 53 Dobbin
*Davidson, M. T. (Steam Pumps, etc.), 43 Keap
§Derham, Jos. F. (Brass Fdry.), 71st nr 1st av
*Doig, Wm. S. (Est. of), (Box Nailing Mach'y), 54 Franklin
†§Duffus, Wm. M. (Brass & Iron Fdry.), 19 Kent av
*Dukeshire, Wm. F. (Machinist), ft 19th
*§Durst, Wm. F. (Brass Fdr. & Finisher), 4 Water
†Eagle Iron Works (Inc.), (Frds.), 850 De Kalb
*Eggers, Wm. J. (Mould Mkr.), 292 Graham
†Ehrgott, Wm. A. (Iron Fdry.), 243 Greene
*Electrose Mfg. Co. (R. R. Supplies), 127 N 10th
*Ellworth, Stephen P., 42 S 8th
*Elsesser, Michl., ft Court
*Emmerich, Fred'k (Machinist), 403 Flushing av
*Engelbert, Oscar M. (Machinist), 1393 Putnam av
*Erlbeck, Anthony (Machinist), 108 Osborn
*Ey, Wm., 273 Lorimer
*Faas, M. & C. (Machinists), 32 S 6th
*Fanning, J. P. (Mould Making a Specialty), 678 Jeff av
*Faust Machine Works (Machinists), 113 8th
†Fischer, Henry C. (Iron Fdry.), 234 Greene
*Fogarty & Co. (Machinists), 38 Harrison
*Foster Pump Works, 224 Plymouth
*Fournier, Jules (Machinist), 7 Fulton
*Fowler & Cypher (Machinists), 55 Furman
*Francis Cycle & Motor Machine Co., 527 Glenmore av
§Franklin Brass Foundry (Brass Fdry.), 114 West

*Franklin Machine & Steam Boiler Works (Inc.) (Machinists, etc.), 13 Fulton
*Freese, Jno. S. (Machinist), 208 Montrose av
†Friberg, Chas. A. (Iron Fdry.), Driggs av cor N 13th
*†Fulton Foundry & Machine Co. (Machinists & Iron Fdrs.), 25 Furman
*Gage, Jas. P., 415 Prospect av
*Gaudron, Edw. N. (Machinist), 10 Clinton
*Geunard, Aug., 36 S 6th
*Gill, P. H. & Sons (Grain Elevators, Power Transmitting Machinery, etc.), 2 Lorraine
*Goetz, John P., Rogers av nr Butler
*§Graf, Jos. (Brass Finisher), 886 Park av 300 Oakland
*Greene Mfg. Co. (Kindling Wood Mach'y), 300 Oakland
*Gross, Albert, 72d c S 8th av
*†Guild & Garrison (Pumping & Sugar Mach'y, etc.), Kent av cor S 10th
*Hall, Thos. (Twist Drill Grinders, etc.), 215 39th
*Hall & Hurlburt, ft 24th
†Halloran, Thos. (Iron Fdry.), 884 Met av
§Hamilton, Robt. (Brass Fdry.), 23 Adams
*Hartley, James (Engineer & Machinist), 75 Delevan
Hay-Budden Mfg. Co. (Forgings, Anvils), 254 N Henry
*Hayes Machine Co. (Inc.) (Box Nailing & Box Printing Machinery, etc.), 108 West
*Hebert, J. R. Co. (Machinists), 256 St. James pl
†§**HECLA IRON WORKS (Brass,** Bronze & Iron Fdrs., Iron, Bronze & Brass Work, & Bldrs.' Iron, Brass & Bronze Work), N 11th & Berry. (See adv. index, end of book)
*Heinrich, Philip, r 16 E 3d
*Herbold, Fred'k & Co. (Machinists), 18 Beaver
*Herrman & Ulbricht (Machinists), 147 S 4th
*Hibbard, W. H. Mfg. Co. (Machinists), 79 Wash'n
§Hilton Brass Works, 30 Rock
*Hofmann, Adolph W., 83 Wash'n
†§Holdsmorth, Wm. H. & Son (Brass & Iron Fdrs.), 454 Rodney
*Holland, Frank, 679 Lorimer
*Hoole Machine & Engraving Works, 29 Prospect
*Horwitz, Max, 146 McKibbin
*Houchin & Huber (Candle & Special Machinery), 35 53d
*Hubbard's, Norman Sons (Vacuum Pump & Veneer Sawing Machines), 265 Water
§Huethwohl, Louis, 513 Flush. av
*Ibach, Gideon R. (Machinist), 894 Lorimer
Ideal Machine Works, 215 39th
*Industrial Machine Co., 302 Pearl
*International Postal Supply Co. (Machinists), 353 Jay
*Jackson Diamond Tool Works (Machinists), 416 3d av
*§Jefferson Brass Foundry, 209 King
*Johnson, Aug., 18 Dunham pl
*Johnson, C. J. Machine Co. (Dies, Presses, etc.), 114 Front
§Jones, Henry & Son (Brass Fdrs.), 467 Malbone
*Jones, Whitfield E. (Machinist), 14 Water
*Kelting, Albert J. (Machinist & Engineer), 459 Carroll
*Kent Machine Works (Paint Grinding Mach'y, etc.), 246 Plymouth
†Kings County Iron Foundry Co. (Sash Weights), N 13th & Berry
*Kirch, Carl (Machinist), 84 Suydam
*§Kleinschnitz, K. & Co. (Brass & Bronze Fdrs.), 61 Noble
†Knight, Jno. J. (Iron Fdry.), Albany & E. N. Yards
*Kolloff, Louis (Machinist), 176 5th av
*Krajewski-Pesant Co. (Machinists), 54 Beard
*Lee, Oackley T., 502 Coney Island av
†Lefferts, Chas. A. & Co. (Iron Fdrs., General Housework), 128 2d av
*Leffler, Chas. & Co. (Inc.), (Presses, Dies & Tools for Sheet Metal & Paper, etc.),
*Leisenheimer & Roth, 1111 Flush. av
*Leiser, Leopold, 297 Lorimer
*Leiser Mfg. Co., 431 B'way
*Leland, Waldo C., 469 Van Buren
*§Lieb, Thos. X. & Co. (Brass Fdrs. & Finishers), 84 Carlton av
*Lister & Fee, 35 S 5th
*†Logan Iron Works (Mfrs. & Contractors, Oil & Gas Works Complete), 42 Commercial
*Long Island Machinery Co., 7 Wash'n av
*Loughran, Michl. F., 82 Wyckoff av
*Lutz, Geo. A. & Co. (Gen'l Machinists), 292 Flushing av
*McCabe & Donohue, ft 26th
McSaveny, Robt. (Iron & Steel Forgings), 21 Franklin
*Markowitz, Moses (Machinist), Dumont av cor Osborn
*Marresford, Wm. F., 311 Jay
†May, John (Iron Fdry.), 260 Monitor
*§Mellish, Chas. (Brass Finisher), 870 Fulton
*†Merrill Bros. (Machine Tools), 465 Kent av
*§Metcalf, Saml. (Brass & Iron Fdry.), 25 Seabring
*Metropolitan Iron Fdry., 884 Met. av
*Milliken Bros., 79 Wash'n
*§Mills, Wm. J. (Brass & Bronze Fdrs. & Machinists), 423 Kent av
*†Morse Iron Works & Dry Dock Co. (Machinists & Shipbuilders), ft 57th
*†Morton Iron Works (Iron Fdrs. & Machinists), 114 Greene
*Mount, Mark, 15 Powers
*Mousette, O. (Tools, Dies, Presses & Special Machinery), 68 Richardson
*Muench, Bernard (Machinist), 176 N 4th
*Murray, Jas. (Machinist), 236 Jerome
*§Murray, John A. (Brass Finisher), 303 R. R. av
*Myers Machine Works (Machinists), ft 27th
*Nagel, C. Louis (Machinist), 65 Kent
*Nassau Machine Works (Machinists), 55 Furman
†National Bridge Supply Co., 225 Greenpt. av
†National Foundry Co. (Cast Iron Soil Pipe & Machy Castings), 32 Sanford
§National Smelting & Refining Works (Brass Fdrs. & Smelters & Refiners), 419 Marcy av
Nebel, Martin A. (Cement, Paint Grinding, Machy., etc.), 74 Grand av
*New York Gear Works (Gears & Cutting), 56 Greenpoint av
*Noebel, Jos. & Co. (Machinists), 381 Kent av
*Oakley & Keating (Laundry Machy), 673 Manhattan av
†§O'Donnell, Thos. (Brass Fdry.), 421 Union
†Olson Iron Works, 39 Union
*Parkes Machine Co. (Machinists), 290 Graham
§Patrick, Robt. (Brass Fdry.), 112 Front
§Paulson, Thos. (Brass Fdry.), 13 Fulton
†Petersen, Andrew N. (Iron Fdry), 372 Greenpt av
*Petersen, Chas. E. (Machinist), 97 Liberty
*§Phail, Geo. A. & Co. (Brass Fdrs. & Finishers), 68 West
*Phillips, Doup & Co. (Machinists), 56 Pearl
*Piel, Bernard F. (Millwright, Engineer & Machinist), 56 Humboldt
*Pioneer Iron Works (Asphalt, Paper Tarring, Sugar Machinery, etc.), 155 Pioneer
§Piske, Hy., 28 Lorimer
*Porter, Edgett, 88 Beard
*Poulson & Eger. (See Hecla Iron Works)
*Pringle, Thos. G. (Machinist), 403 Oakland
Purvis & Shelton (Steam Pipes, etc), 241 Plymouth
*Raskin, Philip, 470 Stone av
§Reid Brass Mfg. Co., 272 Kent av
§Renton, Geo. W., 431 B'way
*§Reynolds, Martin (Plumbers' Brass Works), 25 Centre
*§Riley, John J. (Iron & Brass Fdry.), Van Brunt & Summit
*Riley & Cowley (Dredging Machy, etc.), Richards & Bowne
*Robertson, John & Co. (Lead Pipe Machy), 127 Water
*Roehrich, Rudolph (Machinist), 37 Liberty
*Rogan, Aaron, 44 1-2 Meserole
§Roman Bronze Works (Bronze Fdrs.), Green & Provost
*Roovers Bros., 100 SChermerhorn
*†Ross, Chas. & Son Co. (Paint Grinding & Mixing Machy), 16 Steuben
*Rotary Filer & Machine Co., 589 Kent av
*Rowland, Chas. L., 114 Greene
*Rubinstein, Jacob, 152 Meserole
*†Simpson Foundry Co. (Pulverizing Machy), 26 Rodney
*Singleton, Clifford E. (Machinist), 196 Flatbush av
*Sittman & Pitt (Machinists), 227 State
*Slattery, Wm. H. (Machinist), 106 Guernsey
§Smack, Samuel J. & Bro. (Brass Fdry.), 739 3d av
*Smith, Wm. A., 70 Frost
*Smith, Jos., 155 Stagg
†Smith & Loughlin (Iron Fdrs.), Driggs av & N 5th
*Smyser Machine Works, 25 Jay
*Spahn, Rudolph (Machinist), 182 Bushwick av
§Staats, Geo. & Co., 252 Lorimer
*§Staats & Dillmeier Mfg. Co. (Brass Finishers), 34 S 1st
*Stanton, Henry W. (Machinist), 124 Newton
*Steam Boiler Equipment Co., 114 Front
*Success Machine Mfg. Co., 91 Orange
*Swanson Machine Works (Special Machy & Tools), 132 N 11th
*§Sweeny, W. H. Mfg. Co. (Brassware, etc.), 66 Water
†**TAYLOR & CO. (Machine Molded** Castings, etc.), Morgan & Norman avs. (See adv. index, end of book)
*Thomas, T., 104 Seigel
*Thomson Meter Co. (Water Meters), 79 Wash'n
*Tilton, Edwin (Machinist), 75 Clymer
*Townsend & Osberg (Machinists), Pier 2, Erie Basin
*†Tuttle-Bailey Mfg. Co. (Warm Air Registers, etc.), 83 N 10th
*Unitype Co. (Typesetting Machines), 150 Sands
†Universal Iron Foundry (Iron Fdry), 283 Scholes
*Vieillard & Osswald (Presses, Dies & Special Machy, etc.), 93 Pearl
*Vierengel, Matthew (Machinist), 36 S 6th
*Von Seydewitz, Fred'k (Machinist), 34 Marion
*Walker, Hy. F., 739 3d av
*Ward & Upright Eng. Co. (Machinists), 41 York
*Weisbecker, Francis A. & Sons (Machinists), 22 Frost
*Weiss, Louis T. (Machinist), 290 Graham
*Welmon, Bartlett, 61 Bartlett
*Wenstrom, Hy., Av C c Flatbush av
*Wenstrom, John (Machinist), 227 Flatbush av
*Wesel, F. (Printers' Machy.), 80 Cranberry
*Wetter Numbering Machine Co. (Machinists), 331 Classon av
*Whale Creek Iron Works, Calyer nr Whale Creek Canal
†§White, Robt. (Iron & Brass Fdr., Marnie Engines & Builders of Tug Boats, etc.), ft of Columbia
*Wikander & Johnson, 112 Front
†Williams, J. H. & Co. (Drop Forgings), 9 Richards
*Wilson & Co. (Trolley Pole Catchers), 114 Front
†Wilson, Peter, Arlington av c Shepherd av
*Wischerth Mfg. Co. (Machinists), 179 Boerum
§Wohlfarth, A. (Brass Works), 263 Scholes
§Wohlfarth, A. (Brass Works), 263 Scholes
*Wormwood & Shaw, 368 Cumberland
*Wright, Jas. K. (Machinist), 198 Huntington
*Zillich, Herman (Machinist), 851 Bedford av

Boroughs of Manhattan & Bronx

NEW YORK—*Abele, Chris (Machinist), 537 W 50th
*†Abendroth Bros. (Stoves, Furnaces, Cast Iron Pipe, etc.), 109 Beekman. Works, Port Chester, N. Y.
*Acme Brass Works (Brass Finishers), 147 Baxter
†*Acorn Engineering & Mfg. Co., 27 Thames
*Adreance, Garret, 173 Prince
*Aiken, Isaac D., 546 S Boulevard
§Allan, Andrew & Son (Brass Fdrs.), 1 Desbrosses
*Allen, John F. (Pneumatic Riveting Machy) 370 Gerard av
*Allgoever, Chas., 709 Elton av
*Allman Gas Engine & Machine Co., 29 Sullivan
*American Air Compressor Works (Air Compressors), 26 Cortlandt; works, Brooklyn, N. Y.
*†American Axe & Tool Co. (Axes & Edge Tool Mfrs., etc.), 253 B'way
*†American Car & Foundry Co., 25 Broad (See St. Louis, Mo.)
*American Chocolate Machy Co., 49 W 66th
*Am. Developing Co., 177 1-2 E 87th
*American Elevator Co. (Elevators), 113 Cedar

*†American Locomotive Co. (Locomotives, etc.), 25 Broad
*American Mineral Water Machine Co. (Mineral Water Machy), 305 E 43d
*†American Road Roller Co. (Steam Road Rollers, Road-Making Machy, Rock Crushers, Castings, etc.), 156 5th av; works, Groton, N. Y.
*†American Steel Foundries (Steel Cars, Trucks & Castings), 74 B'way (See also St. Louis, Mo.) Works, Granite, Ill.
*†American Stoker Co. (Automatic Stokers), 11 B'way
*†American Vacuum Drying Machine Co. (Vacuum Dryers & Pumps), 120 Liberty. Works, Long Island City, N. Y.
*†American Woodworking Machinery Co. (Woodworking Machy), 136 Liberty
*American Wringer Co., 99 Chambers, works, Auburn, N. Y.
*American Writing Machine Co. (Typewriters), 343 B'way
*Ams, Max (Car Makers' Machinery, etc.), 372 G'wich
*Anderson, Fred'k F., 116 Walker
*Andrews, Phalon & Co., 241 West
Antoine, Alois (Machinist), 13 Bleecker)
*Arthur Co. (General Machine Works), 188 Front
*Asen, Aaron (Bicycle Mfr.), 121 Broome
*Ash, J. Sewing Machine Co. (Sewing Machines), 221 Wooster
*Atha, Benj. & Co., 32 B'way
§Atlantic Brass Co. (Brass Fdrs.), 192 B'way. Foundry: Jersey City, N. J.
*Atticks & Bonuell, 14 Frankfort
*Aue, Ferdinand (Millwright & Machinist), 420 E 62d
*Automatic Target Machine Co., 62 Reade
*Ayers, John W. & Son, 144 Centre
*Aylward Bros., 161 Wash'n
*Bajett, Louis & Co. (Machinists), 456 W B'way
*Baker, Wm. C. (Car Heating, etc.), 143 Liberty
*Ball & Wood Co. (Steam Engines), 17 Battery pl. Works, Elizabeth, N. J.
*Barbey, Louis (Machinist), 170 Wooster
§Barker, Jas. S. (Fixtures), 168 Centre
§Bartley, Oliver A. (Brass Fdry.), 534 E 134th
*Bassemir, John & Son (Brass Finishers), 125 Worth
*Bauer, Richard F. (Machinist), 121 E 13th
*Becker, Louis & Co., 249 Division
†Beemer, Miles W., 49 Liberty
*Bemis Car Truck Co. (Elec. Car Trucks, etc.), 120 Liberty: works, Springfield, Mass.
*Bender, Ph. J. & Sons (Machinists, Presses, Dies, Tools & Special Mach'y), 87 Frankfort
*Benedict, B. & Co. (Mfg. Machinists), 47 Ann
*Benedict Machine Co., 124 Chambers
*Benton, Jas. O., 3 Bethune
*Bergeron, Celestin (Machinist), 110 W 29th
*Berggren & Pearson Machine Co., 173 Grand
*Best Mfg. Co., 39 Cortlandt
†Bethle Fdry. & Mach. Co., 25 Broad
*Beuhler, Jos. E., 53 E 130th
*Bierach Machine Co., 161 Mulberry
†Bigelow Co., 149 B'way
*Blackman Talking Machine Co., 19 Beekman
*Blaesius, Emile (Brass Finisher), 228 E 24th
*Blair Tool & Machine Works (Machinists, Electrical & Automatic Work), 24 West
*Blakeslee, G. S. Co. (Dish-Washing Machy), 260 W B'way
*Blickensderfer Mfg. Co. (Typewriters), 325 B'way
*Bliden, Louis, 36 E 8th
*Bock, Louis (Machinist), 67 W Houston
*Boettcher, Ludwig, 227 E 22d
*Bofird, Louis (Machinist), 197 Amsterdam av
*Borgfeldt, N. H. (Cigar Machy), 341 E 59th
*Bosch & Kretsch, 25 Bleecker
*Boyce, M. J. (General Machinist & Millwright), 584 Hudson
*†Boynton Furnace Co. (Hot Air Furnaces, etc.), 207 Water: works, Jersey City, N.J.
Brady & Hauptman (Arch'l Iron Work), 408 E 104th
*Braidwood, John (Machinist), 207 Water
*Bramberg, Chas. (Dies), 93 Cliff
*Brandon, Jas. (Machinist), 390 11th av
*Branustein, Herman (Machinist), 92 Att'y.
†Brinkerhoff's, J. P. Sons (Brass Fdrs), 183 G'wich
*Brooks, E. J. & Co., Inc. (Railroad Supplies, etc.), 51 Dey; works, Newark, N.J.
*†Brown, A. & F. Co. (Power Transmitting Machy), 25 Dey; works, Elizabeth, N. J.
*Brown, Herman (Machinist), 78 Bleecker
*Brust & Hedderich (Machinists), 319 E 94th
*Brustlein, Weaver & Brustlein (Machinists), 956 8th av
*Buchanan, Jas., 25 Thames
*§Buchschatz & Brendle (Brass Finishers), 212 E 37th
*Buckenburger, P., 161 E 107th
*Buehler, Jas. E., Jr., 53 E 130th
*Bulasky, Louis, 173 Prince
*Burns, Jabez & Sons (Machinists), 542 G'wich
†Burr & Houston Co., Franklin, Quay & Calyer
*Button Mach'y Co., 170 B'way
*Cairns, Wm. & Son (Machinists), 64 Elizabeth
*†Cameron Steam Pump Works (Steam Pumps), ft 23d
†Campbell, Harry E., 1123 B'way
*Campbell Printing Press & Mfg. Co. (Printing Presses, etc.), 1 Madison av
*Campbell & Co. (Engineers & Machinists), 300 E 64th
*Carbonating Machine Co., 445 Produce Ex.
†Carlin, Luke (Iron Fdry.), 312 W 40th
Cassidy & Son Mfg. Co. (Gas Fixtures), 128 W 24th
*Cavagnaro, John (Est. of) (Machinist), 141 Elm
*Cavo, J. & Son (Machinists), 140 Worth
†Central Foundry Co. (Cast Iron Soil Pipe, etc.), 116 Nassau
†Central Iron Works (Iron Fdrs), 420 E 48th
*Chappell, Geo. F. (Machinist), 86 Pike
†Chattauooga Pipe & Fdry. Co., 100 William
*Chertoff, N. (Blind Stitch Machines), 210 Canal
†Chevalier Bros (Piano Plates), 120 Front
†Child W. C. W., 1125 B'way
*Christie, Walter (Machinist), 519 E 18th
*Clark, Hopps & Zeidler (Laundry Machy.), 2424 1st av
§Claudat, Frank & Son (Brass & Bronze Fdrs), 446 W 16th
*Clemons, John L., 10 Barclay
†Clinton Foundry & Machine Co., 95 Liberty
†Clinton Iron & Steel Co., 71 B'way
*Coha, Chas., 135 W 26th
*Coin Operating Machine Co., 31 Union sq W
*†Colonial Foundry & Machinery Co., 251 W B'way; works, South Norwalk, Conn.
*Columbia Machine Works & Mfg. Co., 116 Walker
*Columbia Typewriter Mfg. Co. (Typewriters), 56 Reade
†Columbian Fdry., 17 State
*Cook, Thos. W. G. (Machinist), 6 Reade
*†§Cornell, J. B. & J. M. Co. (Brass & Iron Fdrs, Machinists, Sugar Machy, etc.), 26th & 11th av
†Corning Iron Works (Iron Fdrs.), 170 B'way
*Corotis, Ephraim (Machinist), 47 Norfolk
*§Cory, Chas. & Son (Brass Finishers), 278 Division
*Costilo Machine Works (Machine Tools), 60 Centre
*†Crane, Wm. M. Co. (Stoves, Grey Iron Castings, etc.). 1131 B'way. Works, Peekskill, N. Y.
†Creighton, Chas. Foundry Co. (Iron Fdrs.), 155th nr 8th av
*Crescent Brass Finishing Works (Brass Finishers), 145 Centre
*Creter, Geo. & Son (Machinists), 88 Walker
*Crumplen, Geo. C. (Pumps), 1437 3d av
§Cunningham, Wm. J. (Brass Fdry.), 671 Water
*Curtis, Chas. L. (Machinist), 143 Centre
*Curtis & Wilson Machine Co., 88 W B'way
*Davidson, M. T. (Pumping Machy), 141 B'way; works, Brooklyn, N. Y.
*Davis, Simon, 141 Centre
†Davies & Thomas Co., 26 Cortlandt
*Deferari, Sylvester (Machinist), 2 Watts
*Defiance Button Machine Co., 264 Greene
*†De Laval Steam Turbine Co. (Steam Turbines, etc.), 74 Cortlandt; works, Trenton, N. J.
†De La Vergne Machine Co. (Ice & Refrigerating Machines etc.), ft of E 138th
†Dempsey, Michl. J., 548 W 55th
*Diamond Stone Sawing Machine Co., 56 Wall
*Diehl & Herbst (Machinists), 163 Broome
*Diekhaus', H. Sons (Machinists), 222 Centre
*Dilge Mfg. & Trading Co. (Ice Breakers, Cutlery Polishers, etc.), 667 E 163d
†Dimond, Thos., 128 W 33d
*Dobbie Fdry. & Machine Co., 42 Dey
*Doering, Oscar A. (Machinist), 419 E 104th
*Donnelly, Blanthorn & Co. (Machinists), 528 W 28th
*Donohue, Margaret (Brass Finisher), 142 Centre
*Dorman, John H., 92 Fulton
*Dowdall, Chas. E. (Elevators), 152 W B'way
*Drescher, Louis (Machinist), 207 Centre
*Drucklieb, Chas., 69 Beekman
*§DuBois, F. W. & Co. (Plumbers' Brass Goods), 245 9th av
*Dudgeon, Richard (Hydraulic Jacks), 24 Columbia
*Duff & Boden (Machinists), 193 Centre
*Dunn, Mich'l F. (Machinist), 223 West
*Durand Kneading Machine Co., 168 Chambers
*Durbrow & Hearne Mfg. Co. (Duplicate Parts, Machinery, etc.), 12 Wooster
*Dustin, Chas. E. Co. (Electrical Mach'y, etc.). 11 B'way. Works: Orangeburg, N. Y.
†Duvinage, Pierre, 253 B'way
†East Buffalo Iron Works, 11 B'way
*Eastman Machine Co. (Machinists), 107 Walker
†Easton Fdry. & Mach. Co., 36 E 22d
*Eaton & Glover Co. (Engraving Machines), 106 6th av
*Ebert, J. S. & Sons (Machinists), 131 Worth
*Ecaubert, Fred'k (Machiuist), 18 Rose
*†Edwards, Jos. & Co. (Bridge Operating, Dredging, Irrigating, Pumping Machy, etc.), 414 Water
*Ehrenberg, Chas. F. (Brass Fiuisher), 219 Centre
*Eichel, Jas. (Machiuist), 224 W 26th
*Ellis, Wm. F. (Machinist), 174 Centre
*Elterich, Chas. (Tools, Taps & Dies), 173 Grand
§Empire Brass & Metal Works, 253 B'way
*Empire Machine Knife Works, 46 Centre
*Empire State Engineering Co. (Gear Cutting, Cylinder Boring, etc.), 553 E 116th
*Engessen, Jos., 928 E 151st
*Entwistle, Edmund & Co. (Machinists & Millwrights), 212 E 9th
†Erie Fdry Co., 39 Cortlandt
*Erlansen, Julius (Machiue Tools), 172 Centre
*Ermold, Edward (Machinist), 652 Hudson
*Errington, Franklin A. (Machine Tools), 39 Cortlandt
*Eustace, Edw. C., 54 Centre
*Excelsior Machine Works, 509 E 18th
*Excelsior Sewing Machine Co., 20 E 12th
§Eynon-Evans Mfg. Co., 32 B'way
†Farrel Fdry. & Mach. Co., 26 Cortlandt
§Federal Brass & Bronze Co., 1133 B'way
*Ferguson, Edw. L., 47 Broad
*Fink, John, 431 Broome
*Finkelstein, Jos., 54 Pike
*Fischler, Sam'l (Machines), 96 Forsyth
*Fisher, Chas. J. (Machinist), 40 John
*†§Fiske, J. W. Iron Works (Iron & Bronze Fdrs.), 39 Park pl
*Follett Mfg. Co. (Dating Machines), 240 W 23d
*Fowler & Rockwell (Machinists), 9 Elizabeth
*Fox, Herman (Machinist), 12 Bleecker
†Fox, John & Co., 253 B'way
*†§Fox's, Benj. Sons (Brass & Iron Fdrs. & Machinists), 513 W 34th
*§Frankel Display Fixture Co. (Brass Goods Mfrs.), 177 Hudson
*Franklin Typewriter Co., 812 G'wich
*Freeman, Walter K. (Special Mach'y & Devices & Apparatus of Precision), 403 E 23d
*Frelloehr, Julius, 722 E 11th
*Fried, Isaac (Bicycles), 93 Suffolk
*Friedman, Sam'l, 189 Christie
*Frucks, L. & Co. (Machiuists), 215 Chrystie
*Frucks, Nathan (Machinist), 83 E B'way
*Fuchs, Abraham (Machinist), 119 Att'y
†Fuchs, Gustav (Iron Fdry), 427 E 104th
*Fuchs & Lang Mfg. Co. (Castings, Machinery), 29 Warren
*Fyfe & Kennelly (Machinists), 806 11th av
§Gallagher's, James Sons (Brass Fdrs.), 87 Centre
*Gannon, Jas. J. (Brass Finisher), 87 Centre
*Gansert, Herman (Machinist), 103 Walker
*Ganz, Chas. (Machinist), 517 W 45th
*Gardam, Wm. & Son, Inc. (Automatic Machinery, etc.), 45 Rose

*Gardiner & Burton (Machinists), 60 Duane
*Gardner, John (Machinist), 441 Water
*Garvin Machine Co. (Machine Tools, etc.), 137 Varick
*§General Incandescent Arc Light Co. (Electric Lamps & Specialties, etc.), 502 1st av
*General Mfg. Co. (Machinists), 30 Greenwich av
*Genovese, Frank (Machinist), 416 E 11th
*Gerome, Tadina F., 73 Wash'n sq S
*Gibbons, John V. (Machinist), 133 G'wich
§Gillen, J. F. & Son, 2 Howard
*Gitzendanner, Paul (Machinist), 10 Vandewater
*Glasgow Iron Works & Supply Co., 28 West
*§Gleason, E. P. & Co., 20 W Houston
*Glover, C. G. & Co., 100 Nassau
*Goat & Hibbs (Machinists), 6 Reade
*§Goetz Mfg. Co. (Gas Fixtures), 249 3d av
*Goldberg Bros., 120 Sheriff
*Goldstein, Kolman, 91 Monroe
*Goldstein, J. & Co., 92 Chrystie
*Goodel-Pratt Co., 94 Reade
*Goodrick & Holland Co. (Machinery), 81 Centre
***§GORHAM MFG. CO. (Bronze** Fdrs., etc.), 19th & B'way. Works, Providence, R. I. (See adv. front stencil)
†Gotham Iron Works, 121 E 13th
*†§Goubert Mfg. Co. (Iron & Brass Fdrs., Steam Separators, Steam Specialties, etc), 85 Liberty. Works, Bayonne, N. J.
*Gould Coupler Co. (Car Couplers, Steel & Malleable Iron Castings, etc.), 1 W 34th. Works, Depew, N. Y.
*§Gould, Mersereau Co. (Brass Fdrs. & Finishers), 43 E 19th
*Grabo, E. O. (Machinist), 180 Centre
*§Graf, Frank H. (Brass & Bronze Fdry., etc.), 322 7th av
*†Graff Furnace Co. (Stoves, Furnaces, etc.), 208 Water
*Graham Bros. Co. (Machinists), 662 Hudson
*Graham, Wm., 145 Centre
§Gramercy Brass & Iron Works (Iron & Brass Fdrs.), 206 E 19th
*Gray, G. S., 14 Dey
*Greenlie, Wyatt & Co. (Machinists), 499 Water
*Grimm, John A., 220 Centre
*Grundfast, Mich'l (Machinist), 117 Greene
*Guarantee Sewing Machine Repairing Co., 100 Orchard
*Gullberg & Smith (Machinists), 478 Pearl
*Haase, G. J. (Iron Sashes & Church Ventilator Frames), 142 Centre
*Hagerty, Thos. F. & Co. (Accordian & Side Plaiting Machines, Fluting & Pinking Machines), 6 W 14th
***HAISS, GEO. MFG. CO. (Coal** Handling Machinery), Rider av & 141st. (See adv. index, end of book)
*Halle, Chas., 124 Essex
*Hallefas, Frank H. (Engineer & Machinist), 259 Front
*Hally, Thos. (Printers' Machinist), 10 Reade
*Hammond Typewriter Co. (Typewriters), 167 B'way
§Hampson, Wm. P. (Brass Fdry.) 520 W 22d
*Handloser, Thos. V. (Machinist), 1010 E 165th
*Hankin, John & Bro. (Heaters & Machinists), 119 E 13th
§Harper, Thos., 81 Centre
*Hatch, F. E. (Paper-Box Machinery), 91 Thompson
*Heather, H'y, 462 11th av
§Heidenreich, Ernest, 173 Grand
*Hepworth, S. S. Co. (Sugar Mach'y), 92 William
*Heyman, N. H. (Brewers' & Malsters' Machy), 438 E 59th
*Hibbs, John H. (Machinist), 6 Reade
*Hicks & Schmidt (Machinists), 587 G'wich
*Hildt, Aug., 116 Wooster
*Hill's, F. J. Sons (Machinists), 6 Howard
*Hillyard & Co. (Machinists), 75 Fulton
*Himhoff, Max (Tobacco Cutting Mach'y), 207 Centre
*Hinchcliff, H. C. (Automatic Wire Forming Machines, Tools, Dies & Machine Work), 193 Centre
*Hindle, Walter E. & Co. (Machinists), 9 Franklin
†Hinkle Iron Co. (Iron Fdrs.), 534 W 56th
*§Hinz, Alfred J. F. (Brass Finisher), 72 Cliff
*†Hitchings & Co. (Greenhouse Heating Apparatus & Bldrs.), 233 Mercer. Works, Jersey City, N. J.
*†Hobson & Co. (Agl. Implts., Stoves, etc.), 17 State. Works, Tatamy, Pa., & Phillipsburg, N. J.
*†Hoe, Robert & Co. (Printing Presses, Saws, etc.), 504 Grand
*Hoffmann, H'y, 167 Lincoln av
Holgan Bros., 3 Cedar
*Holmberg, August (Machinist), 46 Gold
*Holmes Mfg. Co. (Machinists), 211 Centre
*Holub-Dusha (Pearl Button Machinery & Tools), 1801 1st av
*Homan, J. & E. (Machinists), 378 W B'way
*§Huber, Henry Co. (Plumbing Specialties, Iron & Brass Fdrs, etc.), 244 5th av
*Hufeland & Vogel (Brass Finishers), 177 Grand
*Hug, Matthew (Machinist), 105 W B'way
*Hummel, C. & Sons (Machinists), 320 Pearl
*†Hunt, C. W. (Coal & Ore Handling Machy, etc.), 45 B'way; main office, West New Brighton, New York City
***HURD & CO. (Special Machines,** Models, etc.), 310 Hudson. (See adv. index, end of book)
*Husslein, Caspar, 343 W 37th
*Hyass, Chas. (Machinist & Street Sweeping Machines), 509 E 18th
*Hyman, Harry (Machinist), 311 Ellzabeth
*Ideal Opening Die Co. (Dies, Tools, etc.), 24 West
*§Iden & Co. (Gas & Electric Fixtures), 42 University pl
*Industrial Development Co. (Machinists), 511 W 21st
*†**INGERSOLL-SERGEANT DRILL CO., THE** (Rock Drills, Air Compressors, etc.), 26 Cortlandt. Works: Easton, Pa. (See adv. index, end of book)
†International Brake Shoe & Foundry Co. (Iron Fdrs.), 114 Liberty
*†International Steam Pump Co. (Steam Pumps, etc.), 114 Liberty
*Irwin & Miller (Bottling Machy), 81 Centre
*†Isbell-Porter Co. (Gas Mach'y), 7 Nassau works, Newark, N. J.
*Israel, Sigmund, 64 Elizabeth
*†**JACKSON, WM. H. CO., 29 E** 17th (Union Square). (See adv. index, end of book)
*Jahn & Hefftner, 53 Rose
*§Janusch, F. G. (Est. of) (Fire Place Finishings, Brass Fdry. & Finisher), 750 E 134th
*Jeffers, Warren H., 373 Canal
*Jewett Typewriter Co., 317 B'way
*Johnsen, John, 85 Centre
*Johnson, C. J. Mach. Co., 336 G'wich
*†Johnson, Isaac G. & Co. (Steel Castings & Specialties), Spuyten Duyvil
Johnson & Crowley (Printers' Machinists), 182 Centre
*†Judd, H. L. Co. (Brass Fdrs., Hardware, Iron & Brass Bedsteads, etc.), 87 Chambers
*Josenhans, Chas. (Machinist), 477 W B'way
*Judelshon & Rudolph (Machinists), 68 Spring
*Jungerman Bros. (Machinists), 240 W 27th
*Karow, Meyer (Machinist), 1663 3d av
*Karron, Hyman (Machinist), 22 Bayard
*Kasof, Abraham (Machinist), 116 Suffolk
*Katzenstein, L. & Co. (Machinists), 358 West
*Keating, Edw. F. (Est. of) (Machinist), 446 Water
*†Keil, Francis & Son (Bldrs' Hardware), 671 E 163d
*Kelle, Fred'k D., 224 Grand
†Kelly, John H. (Iron Fdry), 39 Cortlandt
*Kelton's, M. M. Son (Printing Presses), 124 Baxter
*†Kennedy Valve Mfg. Co. (Valves, Hydrants, etc.), 57 Beekman
*Kent Mill Co. (Grinding Machy, etc.), 170 B'way
*Keyes, Jas. A., 652 Hudson
†Kilbourne & Jacobs Mfg. Co., 65 Dey
*King, A. R. Mfg. Co. (Machinists), 532 W 22d
*Kirkegaard, Geo., 514 Pearl
Kislik, Alex., 174 Centre
*Kissinger, Jacob, 75 Fulton
†Kleb, Geo. (Brass Fdry), 143 Thompson
*Klein, Wm. (Machinist), 67 W Houston
*Knabe, Wm., 1112 1st av
*Knapp Mfg. Co. (Brass Finishers), 24 Frankfort
*Knickerbocker Machine Works, 8 Jones
†Knop & Christie, 318 E 98th
*Koberlein, Fred'k (Machinist), 508 W 24th
*Kolz, Robt. (Machinist), 100 W 45th
*Kraft, Philip (Machinist), 94 G'wich
*Kramer, Ludwig, 47 Grand
*Krajewski-Pesant Co. (Machinists), 32 B'way
*Kraushar, H'y, 209 G'wich
*Kuhfahl, Herman W. (Machinist), 438 E 85th
Kuhn, Conrad, 237 Centre
*Kurtz, Francis P. (Tools), 97 Cliff
*Lachner, John, 113 Reade
La Follette Coal, Iron & Ry. Co., 27 William
*Laing, Thos. J. (Machinist), 5 Bedford
†Lalance & Grosjean Co. (Hollowware, etc.) 19 Cliff
*Lancaster, Jas. H. Co. (Machinists), 14 Church
†Lappin Brake Shoe Co., 170 B'way
*Latham Machinery Co., 8 Reade
*Leavitt Machine Co., 49 Dey
†Le Baron Foundry Co. (Iron Fdrs), 625 6th av
†Lehigh Foundry Co. (Iron Fdrs.), 25 Broad Main Office & Works, Catasauqua, Pa.)
*Lehman, Adolph (Machinist), 120 Walker
*Leiman Bros. (Jewelers' Machinery), 143 Centre
*Lemmey, T. W. B. (Machinist), 410 W 54th
†Levering & Garrigues Co. (Iron Fdrs), 552 W 23d
*Lewin, Louis (Machinist), 123 Hester
*Lewthwaite, T. H. (Punching & Shearing Machy), 142 Centre
*Leyland Machine Works (Machinists), 497 E 140th
*Liden, Gustav W. (Machinist), 281 W B'way
*†**LIDGERWOOD MFG. CO. (Hoisting** Engines, Coal & Ore Handling, Elevating & Conveying, Pile Driving Machy, etc.), 96 Liberty. (See adv. index, end of book)
*Lindh & Teden (Machinists), 11 Vandewater
*Lindner & Vradenburgh (Machinists), 239 Centre
*Lispenard Machine Works (Machinists), 206 Canal
*Lorence, Otto, 64 Elizabeth
*Louis Mfg. Co. (Machinists), 141 W 24th
*Love, W. & G. W. (Machinists), 173 Grand
*§Lowe & Leveridge (Electrical Supplies), 183 G'wich
*Loyd, John Co. (Dies), 560 Water
*Luckhoff, Adolph (Machinist), 61 Frankfort
†Lynchburg Fdry. Co., 220 B'way
*M. M. Co., 239 E 41st
*McCabe, Jas. J. (Machine Tools), 14 Dey
***McCABE HANGER MFG. CO.** (Door Hangers, Ball-Bearing Wheels, Dies, etc.), 425 W. 25th. (See adv. index, end of book)
*McCann, Edw. (Engineer & Machinist), 37 Dey
*McCollough, Edw. (Machinist), 114 Centre
McCoy, J. B. & Son (Electric Fixtures), 124 W 33d
*†McDougall & Potter Co. (Drop Hammer Castings & Machy), 608 W 55th
*McGirr, Theo. G. & Co., 1 Howard
§McKenna, Jas. J. & Bro. (Brass, Comp., etc., Fdrs), 424 E 23d
*McKeon, John (Machinist), 85 Stanton
*†McKiernan Drill Co. (Rock Drills & Air Compressors), 170 B'way; works, Dover, N. J.
*†McLean, John (Fire Hydrants, Valves, etc.) 440 Water
*§McMann & Taylor (Steam Specialties), 42 Cliff
*†§McNab & Harlin Mfg. Co. (Brass Fdrs. & Finishers, Plumbing & Steam Specialties, etc.), 56 John. Works, Paterson, N. J.
*MacHale, R. L. (Bakers' Machy), 131 Mangin
†MacIntyre Iron Co. (Iron Fdrs), 26 Cortlandt
*§Magnolia Metal Co. (Anti-Friction Metal, etc), 260 W B'way
*§Manhattan Brass Co., 332 E 28th
*Manhattan Electrical Supply Co. (Electrical Supplies, Plumbers' Brass Goods, etc.), 32 Cortlandt; works, Jersey City, N. J.
*Mann, W. S. (Millwright & Machinist), 3 Bedford
*Mantel, Geo. (Machinist), 166 Duane
†Marcy Stove Repair Co. (Stove, Range & Heater Repairs), 74 Beekman
*Manufacturers' & Inventors' Electric Co., 82 Nassau. Factory, 29 Gold
***†MARINE ENGINE & MACHINE** Co. (Electric Elevators, Pumps, Engines & Machine Work of all Kinds, Castings, 100 lbs. to 40,000 lbs.), Main Office, 1123 B'way. Works: Harrison, N. J. (See adv. index, end of book)

*§Martin, B. M. (Brass Fdry. & Finisher), 473 W B'way
*Martin, Bryec. 6 Reade
*†Matthews, John Apparatus Co. (Soda Fountains & Apparatus), 449 1st av
§Maurer, Herman (Brass Fdry.), 458 Pearl
*§Mayor, Lane & Co. (Plumbers' Supplies), 128 White
*†Mead, John A. Mfg. Co. (Coal Handling Machy), 11 B'way
*Meltzer & Karron (Machinists), 43 Canal
*Mettauer, John (Machinist), 116 Wooster
*Mickley, Smith & Thomas (Machinist), 19 Thames
*†Mietz, August (Gas Engines, etc.), 128 Mott
*Miller, Henry (Machinist), 475 E 146th
*Miller, Henry J. (Bottling Machy), 81 Centre
§Miller, Wm. L. (Brass Finisher), 61 Centre
*Millers Falls Co. (Tools & Machy), 28 Warren. Works, Miller's Falls, Mass.
§Milwaukee Brass Mfg. Co., 48 Cliff
*Mischke, Kilian (Machinist), 302 E 86th
*Mitchell Co. (Machinists), 621 W 24th
*§Mitchell, Vance & Co. (Gas & Electric Fixtures), 836 B'way
*§Monds, Mary R. (Brass Finisher), 330 7th av
*Monetti, Jas., 384 Broome
*Mondchein, Max (Machinist), 424 E 86th
*Moore, Thos. (Machinist), 80 Elm
*†§Mott, J. L. Iron Works (Iron Fdrs. & Machinists), 90 Beekman. Works: 3d av & 133d
*Mueller, Edw. B., 229 E 89th
*Muller, Anton A. (Machinist), 136 Wooster
*Muller, Chas. A. (Machinist), 44 Centre
*Muller, H'y A., 57 Beekman
*Muller, Herman (Machinist), 207 Centre
*†Munsell, Eugene & Co. (Stoves, Furnaces, etc.), 207 Centre
*§Mullaney's, Jas. Sons, 141 E 25th
†Murray Hill Iron Works Co. (Iron Fdrs), 212 E 37th
*Nason Mfg. Co. (Machinists), 71 Fulton
*§Nathan Mfg. Co. (Steam Specialties. Brass Fdrs., etc.), 71 Fulton. Works, 416 E 106th
§National Car Wheel Co. (Car Wheels & Iron & Brass Castings), 35 Nassau
*National Elevator & Construction Co., 52 University pl
National Meter Co., 84 Chambers
*†§National Novelty Corporation (Brass, Bronze & Grey Iron Castings, Hardware, Toys, Specialties, etc.), 826 B'way
*Needham, A. W. (Machinist), 110 E 43d
*†§Nelson, Chas. (Brass & Iron Fdry.), 439 E 10th
*§Neptune Meter Co. (Water Meters), 15 Park row
*Nesor, John E., 2 7th av
*Newberger, S. (Machinist), 439 E 14th
*New Champion Press Co. (Machinists), 74 Wooster
*†New Jersey Foundry & Machine Co. (Iron Fdrs. & Machinists), 9 Murray
‡New York Agricultural Co. (Agricultural Implements, Grey Iron Castings, etc.), 81 Fulton
*†New York Air Brake Co. (Air Brakes & R. R. Appliances), 66 B'way
§New York Brass Foundry (Brass Fdrs.), 104 Centre
*†New York Car Wheel Co. (Iron Fdrs., Car Wheels, Couplings, etc.), 771 G'wich
*NEW YORK CONTINENTAL Jewell Filtration Co. (Water Filters, etc.), 15 Broad. Works, Jersey City, N. J. (See adv. index, end of book)
*New York Coupling & Supply Co. (Brass Finishers), 59 Ann
*New York Labeling Machine Co., 407 Broome
*New York Novelty Machine Works, 389 Broome
*New York Pattern Machine Die Co., 442 Water
†Nichols, D. M. Iron Works (Iron Fdr.), 2 Gouverneur pl
*Nielsen, Anton E. (Machinist), 42 Dey
*†Niles-Bement-Pond Co. (Machine Tools, etc.), 136 Liberty. Works: Plainfield, N. J.; Hamilton, O., & Phila., Pa.
*Ober & Degenhardt (Machinists), 124 Baxter
*Olmesdahl, Wm. (Machinist), 74 Wooster
†*Olsen, Andrew, 19 Whitehall
*Orth, Fred'k (Brass Finisher), 181 Prince
*†Otis Elevator Co. (Electric & Hydraulic Elevators, etc.), 17 Battery pl.; works, Yonkers, N. Y.
*Otto, Ernst (Machinist), 175 Prince
†Pacific Iron Works, 26 Cortlandt
*Page Machine Co. (Presses, Dies & Tools,), 812 Greenwich
*Palmer Machine Works (Machinists), 418 W 27th
*Palmer, Sidney P., 98 Fulton
*Paul, Herman L. (Machinist), 159 E 128th
*†Peckham Mfg. Co. (Motor Wheels & Trucks, etc.), 26 Cortlandt; works, Kingston, N. Y.
*Pedersen, J. T. (Machinist), 644 1st av
*PEDRICK & AYER CO. (Machine Tools, etc.), 85, 87, 89 Liberty. Works, Plainfield, N. J.
*Perdreaux, Emil (Machinist), 165 Wooster
*Persky & Sumergrade (Machinists), 51 Elizabeth
†Phenix Iron Works, 45 B'way
*Pincusowitz & Tuman (Machinists), 149 Madison
*Pollard-Alling Mfg. Co. (Addressing & Mailing Machines), 312 E 23d
*Post, Geo. (Machinist), 209 Centre
†Poulson & Eger (See Hecla Iron Works, Bor. of Brooklyn)
*Prentiss Vise Co. (Vises, etc.), 44 Barclay
*Prince, John A. (Machinist), 154 W 27th
*Pryibil, Paul (Machinist), 520 W 41st
*Puhatchka, David H. (Machinist), 3 Birmingham
*Purvis, Edw. & Son, 52 Park
*Quimby, Wm. E. (Pumping Machy), 141 B'way
*†Quintard Iron Works (Iron Fdrs & Machinists), 742 E 12th
†Radley, John J. & Co., Inc. (Iron Fdrs., Railings, Doors, Shutters, etc.), 624 E 19th
*Rae, Robt. (Machinist), 444 Water
*†Railway Steel Spring Co. (Railway Springs, Steel Tired Wheels, etc.), 71 B'way
*†Ramapo Iron Works (Cars, Castings & General Track Equipment), 170 B'way. Works, Hilburn, N. J.
*Ramsaier, Gustav (Machinist), 57 Beekman
*†RAND DRILL CO. (Rock Drills, Air Compressors, Pneumatic Tools, etc.), 128 B'way. Works, Tarrytown, N. Y. (See adv. index, end of book)
*RANSOME CONCRETE MACHINery Co., 11 B'way. (See adv. index, end of book)
*Rathbun & Bird Co. (Machinists), 33 Gold
*Rau, Emanuel & Sons (Envelope & Seed Bag Machinery), 137 Elm
*Rauch, Henry (Pitching Machines), 211 Centre
*Read, Julian B., 106 Liberty
*Reali, Louis, 219 Forsyth
*Redlich, Abraham (Machinist), 48 Cannon
*Rees & Co. (Machinist), 220 E 86th
*†Reedy Elevator Co., 31 10th av
*Regling, Hugo, 346 E 92d
*Reilly, Jas. Repair & Supply Co. (Machinists), 230 West
*Remaele, Leopold H. (Machinist), 210 Centre
*Remington Arms Co. (Rifles, Guns, etc.), 313 B'way; factory, Ilion, N. Y.
*Ricardo, Geo. (Machinist), 195 Water
*Richards, Francis H. (Automatic & Special Machinery, etc.), 15 Murray
*†Richardson & Boynton Co. (Stoves, Furnaces, Ranges, etc.), 232 Water; works, Dover, N. J.
*Rickenmann, Otto (Machinist), 1 Thompson
*†Rider-Ericsson Engine Co. (Hot Air Pumping Engines), 35 Warren
*Rilling, Chas. (Machinist & Millwright), 524 W 34th
*Rivers, Chas. N. (Machinist), 352 Pearl
*Rivet Machine Co., 157 E 31st
*†Robins Conveying Belt Co. (Brick, Cement, Coal & Ore Handling Mach'y), 15 Park Row. Works, Passaic, N. J.
*†Rogers Locomotive Works (Locomotives, etc.), 33 Wall. Works, Paterson, N. J.
*Rosenfield Mfg. Co. (Coin Operating Machines), 587 Hudson
*Rotholz, Aug., 1492 5th av
*Ruhle & Willaredt (Machinists), 341 W 37th
*Ryan, Thos., 6 Howard
*Sack, Geo. F., 262 W 35th
*†Safety Car Heating & Lighting Co. (Car Heating & Lighting Apparatus), 160 B'way
*Sauer, Chas., 507 W 30th
*Scherber, Wm. (Machinist), 438 E 89th
*Schmidt Bros. Machine Works, 223 Grand
*Schmitt Bros. (Registers), 175 Prince
*Schoek, Gustav (Machinist & Millwright), 341 E 59th
*Schodsky, Max, 368 Cherry
§Scholl, Adam (Brass Fdry.), 451 E 138th
*Schrader's, A. Son (Submarine Armor), 30 Rose
*Schreiber, W. (Machinist), 132 W. 49th
*Schwartz, Simon (Machinist), 320 E 74th
*Schwarz, Franz L. A. (Machinist), 217 Centre
*Schwarz. Mich'l, 47 Pike
†Schweike, Louis, 111 Charlton
*Scott Leather Machine Co. (Leather Workdorking Machy), 17 State; works, Beverly, Mass.
*Scott Shoe Machinery Co., 186 Grand
*Scott, Walter & Co. (Printing Machy), 41 Park Row. Works, Plainfield, N. J.
*Secly & Co., 116 Wooster
§Shapiro & Aronson (Gas Fixtures), 67 Centre
*Shaw, Alex R. (Machinist), 92 White
*Sheffler, Eugene (Machinist), 207 Centre
†Shepard, Louis A., 32 B'way
*†§Shriver, T. & Co. (Aluminum, Brass & Iron Fdrs., Filter Presses, Cranes, Gears, etc.), 333 E 56th
*Silverstone, Adolph (Brass Finisher), 62 Elizabeth
*Simenson, Louis, 48 Market
*Simon, Chas. (Machinist), 10 W 13th
*†Singer Mfg. Co. (Sewing Machines & Special Machy), 149 B'way; works, Elizabeth, N. J.
*Smith, Sidney (Machinist), 300 W 48th
*Smith, Wm. R., 262 W 52d
*Smith & Herlin (Machinists), 143 Centre
*†Southard-Robertson Co. (Stoves, etc), 255 Water; works, Peekskill, N. Y.
*Spoffard, Chas., (Machinist), 312 E 22d
*Sprague Electric Co. (Electric Mach'y, Hoists, etc.), 527 W 34th
*Stadtmuller, Peter, 513 W B'way
*Stalcy & Gillespie, 395 W B'way
*Starrett, L. S. Co., 123 Liberty
*Steinberg, Israel, 246 E 80th
*†Steinway & Sons (Piano Plates, etc.) 109 E 14th. Works, Astoria, Borough of Queens, New York City
*†Stephenson, John Co. (Electric Car Trucks, etc.), 27 Pine. Works, Elizabeth, N. J.
§Sterling Bronze Co. (Bronze Fdrs.), 12 E 30th
§Stevens, Howard A. (Brass Finisher), 156 W 27th
§Stillwaggon & Bechtold (Brass Fdrs.), 104 Centre
*Stoecklin, Ernest (Machinist), 603 W 44th
*Stone, Chas. B., 28 White
*Storer, John S. (Machinist), 106 W 11th
†Storm, Walter H. & Co., 26 Cortlandt
*Stoughton, Jos. M. (Machinist), 115 Cedar
*Stringer, Frank A., 380 Hudson
*Sullivan, John W. (Engines), 365 Front
*Taylor, Geo. (Brass Finisher), 97 Cliff
*†Thatcher Furnace Co. (Hot Air Furnaces, Stoves, etc.), 240 Water; works, Newark, N. J.
*Tierney, Edw. F. (Machinist), 881 3d av
*Tight Joint Co. (Tight Joint Fittings), 306 E 47th
*Tirrill Gas Machine Lighting Co., 441 B'way; works, Newark, N. J.
*Tisch, Louis, 175 Prince
*Toffler, Simon (Brass Finisher), 725 1st av
†Toop, Geo. H. (Iron Fdry), 406 E 91st
*†Treadwell, M. H. & Co. (Castings, Machine Work & Forgings), 95 Liberty
*†Trenton Iron Co. (Hoisting & Conveying, Cableways, etc.), 17 Burling slip. Works, Trenton, N. J.
*Tropp, Bernard, 198 Greenwich
*Troy Laundry Machinery Co. (Ltd.), 33 Warren: works, Troy, N. Y.
*Tuman, Harris, 149 Madison
*†Turl's, John Sons (Iron Fdrs. & Machinists), 534 W 28th
*Turner. Fred A. (Machinist), 46 Centre
*†§Tuttle & Bailey Mfg. Co. (Warm Air Registers, Fine Brass, Bronze & Iron Castings, Bronze Doors & Tablets), 83 Beekman; works, Brooklyn, N. Y.
§Union Equipment & Bronze Co., 520 W 36th
†Union Rolling Mill & Foundry Co. (Iron Fdrs), 71 B'way
*†Union Stove Works (Stoves, Furnaces, etc.), 70 Beekman. Works, Peekskill, N. Y.
*†U. S. Cast Iron Pipe & Foundry Co. (Cast Iron Pipe & Fittings), 80 B'way
†U. S. Foundry Co., 11 S William
†U. S. Foundry & Sales Co. (Iron Fdrs), 145 E 23d
*†Universal Caster & Foundry Co. (Iron Founders, Ball-Bearing Casters, etc.), 1170 B'way, New York. Works: Newark, N. J.

*Universal Talking Machine Mfg. Co., 28 Warren
*Van Allens & Boughton (Printing Presses), 59 Ann
*Van Loan, I. S. Co. (Electrical Repairers & Machinists), 463 G'wich
*Vecchio, John E. (Machinist), 64 Madison
*Vogel, Edw., 240 W 27th
*Vogt, Gustav, 674 E 163d
*Voss Ice Machine Works, 242 E 122d
†Vulcan Mfg. Co., 11 B'way
*Wagner, Chas. (Machinist & Millwright), 587 Hudson
*Ward, Thos. B. (Machinist), 10 Wooster
†Warren Fdry. & Mach. Co., 170 B'way
*Warshavsky, Morris, 45 Pike
*§Wasserstrom, Ignatz (Brass Founder & Finisher), 528 W 20th
*Watson-Stillman Co. (Hydraulic Machinery, etc.), 46 Dey. Works, Aldene, N. J.
*Watson, Thos. (Machinist), 551 W 35th
*Weinert, Ernest (Machinist), 245 W B'way
*Weiske, Sigmund (Machinist), 203 E 111th
*Weiss, B. & W. Erlich (Machinists), 456 W B'way
*Weiss, H. & Co. (Tinners' Machinery), 20 Cliff
*Wendtland, Wm. (Dies), 216 Centre
*Wenning, John, 223 E 106th
†Werkhaeuser, Wm., 894 Tinton av
*§Western Electric Co. (Electrical Machinery & Specialties), 57 Bethune
†Westervelt, A. B. & W. T. (Builders' Iron Work), 102 Chambers
†Wheeler Condenser & Eng. Co., 42 B'way
*†White Mfg. Co. (Iron Fdry.), 556 W 34th
§White, Samuel (Brass Fdry.), 529 W. 33d
*Whitford, Jas. F., 75 Fulton
*Wickwar, Jas. J. (Machinist), 254 W 126th
*Wiebke, Chas. (Machinist), 211 Centre
*Wiggenhauser, Charles (Machinist), 210 Centre
*Wilhelm, Jno. F. (Machinist), 513 W B'way
*Wilkins, M. P. (Machinist), 73 Watts
*Wilkinson, A. H. (Machinist), 1841 Park av
*Williams, A. E. (Elevators), 144 Centre
*†§Williams, John (Brass & Bronze Founders & Wrought Iron Work), 556 W 27th
*Williams Wire Hinging Machine Co., 30 Greenwich av
*Willis, Charles, 561 Courtlandt av
*Wolf, Jno. G. (Machinist), 185 G'wich
*Wolfson Bros. (Brass Finishers), 174 Centre
*Woodward, Marshall, 54 Vesey
†Woonsocket Fdry. & Mach. Co., 63 5th av
*Wurm, Alexius (Machinist), 53 Vesey
*†Yost Writing Machine Co. (Typewriters), 245 B'way
*Zacsek, Stephen, 133 Av B
*Zebro, Alois, 173 Grand
*Zimmerman, Herman O. (Machinist), 2590 3d av
*Zimmermann, Louis J. (Iron Railways, etc.), 513 E 148th
*Zucker & Levitt & Loeb Co. (Machine Tools), 528 W 25th

Borough of Queens

COLLEGE POINT—*Hesse, Gustav, 13th nr 7th av
*Koerber, Jacob (Machinist), 3d av nr 20th
*Reilly, Jno. (Machinist), 9th nr 1st
FLUSHING—*Bogert, Jno. L. (Turret Engine Lathes)
*Patterson, T. Sumner, 80 Lawrence
GLENDALE STATION—*Gibbs Engineering & Mfg. Co. (Automobiles & Machinery)
*V. & O. Press Co. (Presses, Dies, etc.)
LONG ISLAND CITY—American Vacuum Drying Machine Co. (Vacuum Dryers & Pumps)
*Beach, Arthur T. & Co. (Vacuum Pumps & Blowers), 109 6th
*Boyce, Alex. R. (Machinist), 203 Borden av
*Faubel, Chas. (Machinist), 643 Steinway av
§Gugel, August (Brass Fdry.), 182 B'way
*Leipert, Ludwig (Machinist), 103 Jackson av
*Leu & Co., 231 Vernon av
†McGee, Jos. Co. (Iron Fdry.), 51 6th
*§Rhoades, R. W. & Co.
†Russell, Fred'k (Iron Fdry), 51 6th
*†Steinway & Sons (Piano Plates, etc.)
*Sunlight Gas Machine Co., 113 6th
*Sweeney & Gray (Engineers & Machinists), 83 6th
MASPETH—(N. Y. City)—*†§**RICHEY,** Browne & Donald (Iron Arch'l & Ornamental & Castings)
METROPOLITAN—*§Schwarze, John (Brass Fdry), Gates av nr Forest av

Borough of Richmond

MARINERS' HARBOR—*Shakespeare, Wm. Jr. (Machinist), Washington av
PORT RICHMOND—*§Burlee Dry Dock Co.
*Clute, James M. (Machinist), Rich ter nr R. R. Station
PRINCE'S BAY—*Jewell, Edw. O., Prince's Bay av
*Verdon, Fred'k A. Co., ft. Burger av
STAPLETON—*Hohmann, Peter, 405 Rich'd rd, Concord
*Schluter, Henry (Machinist), 164 Canal
*Walther, Paul, Rich. rd nr Clove rd, Concord
TOTTENVILLE—*Murray Mfg. Co. (Machinists), Amboy rd
*Terrell, Thos. H., 20 Johnson av
WEST NEW BRIGHTON—*Charlestream Mfg. Co., 76 B'way
*Curtis & Wilson Machine Co.
*Fountain Gas Co., Carroll pl nr Westervelt av
*†Hunt, C. W. Co. (Automatic Coal & Ore Handling Machinery)

(END OF NEW YORK CITY.)

NIAGARA FALLS—*Carborundum Co. (Corundun Wheels & Machinery)
*†Central Machine Co.
*Chisholm-Scott Co. (Pea Hulling Machinery, etc.)
*†§**DOBBIE FOUNDRY & MACHINE** Co. (Hoisting Engines, Cars, Cranes, Hoists & Iron & Brass Castings, etc.) (See adv. index, end of book)
*Farrar, Frederick (Machinist)
†Kuhn, Jos. (Iron Fdry)
*Philpot & Leuppie (Machinists)
*†Ramapo Iron Works (Cars, Castings & General Track Equipment). Works, Hillburn, N. J.
NORTH TONAWANDA—*†American District Steam Co.
*†Armitage-Herschell Co. (Iron & Brass Founders, Carrousels, etc.)
*Buffalo Bolt Co.
*†Buffalo Steam Pump Co. (Steam Pumps, etc.)
*Herschell, Spillman & Co. (Machinists & Carrousels, etc.)
*†Niagara Radiator Co.
NORWICH—*Maydole, David Hammer Co.
NUNDA—*Foote Mfg. Co. (Concrete Mixing Machines)
OAKLAND—†Crozier, J. S.
OGDENSBURG—*§Linton, W. H. Co. (Brass Goods, etc.)
*†Nash Bros. & Co. (Stea mEngines, etc.)
OLD CHATHAM—*†Hulbert, Geo. A. (Plows & Castings)
OLEAN—*†Abbott, D. S. Co. (Machinists)
*†Carley Heater Co. (Tan Liquor Heaters & Coolers)
*Chamberlin Mfg. Co. (Screw Stump Machines)
*†Luther Mfg. Co. (Punching & Shearing Machinery, etc.)
†Myrick Machine Co. (Gas Engines, etc.)
†Troy, Edw.
ONEIDA—†Kelly, Thos. & Son (Iron Fdry)
*Oneida National Chuck Co. (Chucks, Mandrels, etc.)
*Smith, Frank (Machinist)
*Wescott Chuck Co. (Chucks, etc.)
ONEONTA—*Gorham, H. E. (Machinist)
†Mayne, Thos. E. (Iron Fdry)
ORANGEBURG—Dustin, Chas. E. Co. (Electrical Machinery). (See New York City)
*Empire Engine & Motor Co.
ORISKANY—†Oriskany Malleable Iron Co.
OSSINING—§Hub Foundry & Plating Co.
*Kipp, Abram, Jr. (Machinist)
OSWEGO—*†Ames Iron Works (Engines, Boilers & Boiler Fronts, etc.)
*Baker, Benj. (Machinist)
*§Cowmeadow, John Mfg. Co. (Plumbers' Brass Goods, etc.)
*Findley, Thos. (Machinist)
*Howard Thermostat Co. (Heat Regulators, etc.)
*†Kingsford Foundry & Machine Works (Steam Engines, etc.)
*Kitts Mfg. Co. (Steam Specialties, etc.)
*Oswego Machine Works (Machinists, etc.)
*Oswego Tool Co. (Tools, etc.)
*Railway Steel Spring Co. (See New York City)
*†Vulcan Iron Works Co.
OWEGO—*Champion Wagon Co. (Grain Drills, etc.)
†Owego Foundry Co.
*Stevens, Norton A. (Machinist)
OXFORD—*Butts-Nash Co. (Machinists)
PAINTED POST—†Allen, E. R. Foundry Co. (Iron Fdrs)
*†Imperial Engine Co. (Engines, etc.)
PALMYRA—Allen, Jos. (Scale Mfr.)
*†Chandler & Price Co. (Printing Presses)
*Cranston Printing Press Co.
*†Peerless Printing Press Co.
PARISHVILLE—*Robinson, Myron (Machinist)
PATCHOGUE—*Roe, Justus & Sons (Rowler Awning Fixtures. Tape Measures, etc.)
PEARL RIVER—*Braunsdorf, Jno. H. (Printing Presses)
*†Dexter Folder Co. (Paper & Pulp Mill Machinery)
PEEKSKILL—*Anderson Machine Works (Machinists)
*†Crane, Wm. M. Co. (Gray Iron Castings, etc.) (See New York City)
*†Naylor Bros. (Brick Machinery, etc.)
*†New York Stove Works(Stoves)
*†Southard, Robertson Co. (Stoves). (See New York City)
*†Union Stove Works (Stoves, Furnaces, etc.) (See New York City)
PHELPS—*†Crown Mfg. Co. (Grain Drills, etc.)
*†King Chill Plow Co. (Plow Mfrs.)
PHILMONT—American Raveler Co. (Textile Machinery)
PLATTSBURGH—*†Lozier Motor Co. (Gasoline Engines, etc.)
*†Plattsburg Foundry & Machine Co.
PORT CHESTER—*†Abendroth Bros. (Cast Iron Pipe, Stoves, Furnaces). (See New York City)
PORT JERVIS—*†Gordon & Malvin Co. (Stoves)
*†Swinton & Co., Inc. (Fdrs & Hardware)
POTSDAM—†Hughes, M. & Son
†Leete, Charles H. (Iron Fdry.)
POUGHKEEPSIE—*†Adriance, Platt & Co. (Agricultural Implements)
*Chapinville Wheel Co. (Rakes, Harrows, Seeders & Sowers, etc.)
*†De Laval Separator Co. (Dairy Implements, etc.)
*Hart, Frederick (Special Machinery)
*†Lane Bros. Co. (Door Hangers & Hardware Specialties)
*†Poughkeepsie Foundry & Machine Co.
PULASKI—†Olmsted, A. E. (Iron Fdry)
RANDOLPH—*†Pike, F. H. (Foundry & Machinist)
RAVENA—†Ravena Iron Co.
RICHMONDVILLE—*†Stevens, A. B.
RIPLEY—*Rumsey Mfg. Co. (Gas & Gasoline Engines)
ROCHESTER—†Anstice, Josiah & Co. (Hardware Specialties) 220 N Water
*Apex Wheel Co. (Bicycles), 322 South av
*Ashley Machine Works, 714 University av
*Auburn Ball Bearing Co. (Ball Bearings, etc.)
*Baxendale, T. R. (Machinist), 85 Allen
*Booth Bros. (Shoe machinery), 22 Brown's race
*Boulton, Geo., 140 Mill
*Bradshaw, Jas. E., 140 Mill
*Bridgeford, Chas. (Axle Turning & Engine Lathes), 225 Mill
*Bullis, Fred C., 27 N Wash'n
†Burke, W. B. (Grate Bars), 37 Mortimer mer
*Carlton Mfg. Co. (Metal Specialties), 40 Exchange
*Case Mfg. Co. (Machinists), 5 Lundy's lane
*Century Cement Machine Co., 181 Main W
*Clark, Jos. M. & Co. (Special Machinery, Punches, Dies, etc.), 18 Spring
*Clark Novelty Co. (Metal Specialties, Light Machinery, etc.), 380 Exchange
*Clement, Frank H. Co. (Woodworking), (Am. Woodworking Machy Co., Clement's Branch), 330 Lyell av
*§Clum & Atkinson (Brass Founders & Finishers), 575 Lyell av
*Cochran-Bly Machine Works (Cold Saw Cutting-off Machines, etc.), St. James
*†Connell & Dengler Machine Co. (Woodworking Machinery), 254 Mill
*†Co-Operative Foundry Co. (Stoves, etc.), 15 Hill
*Crane, Jos. A. (Grooving Machinery), 227 Mill
*Davis, W. P. Machine Co. (Machine Tools, etc.), 130 Mill
*Defiance Machine Co. (Check Protectors), 89 Main E
*Economy Gas Machine Co. (Gas Engines), 469 E Main
*Englert, Charles, 140 N Water
*†Enterprise Foundry Co. (Hot Air Furnaces, Soil Pipe & Castings), 48 Olean

*Erdle & Schenck (Machine Tools, etc.), Mill cor Factory
†Erie Foundry Co. (Iron Fdrs), 330 Lyell av
†Eureka Foundry Co. (Iron Founders, Heavy & Machinery Castings, etc.), Falls ft. of Brown
*Fitt, Jas. & Co., 106 Commercial
*Funck, Jacob F., 203 N Water
*Funck, Philip, 161 N Water
*†Galusha Stove Co. (Stoves), 167 Court
*Gauss, Lewis T. (Special Metal Working Tools & Machinery), 22 Mill
†Genesse Iron Works, 178 N Water
*§Genesee Metal Works (Brass Founders, Smelters & Refiners), 109 Hague
*Goette, Rudolph (Machinist), 293 Mill
†*Hagen, A. T. Co. (Laundry Machinery), 55 North
†Heughes, F. L. & Co. (Iron Founders & Builders' Iron Work), 190 South av
*Ingle Machine Co., 220 Mill
*†Jones, J. Emory (Foundry & Machinist), Brown's race, ft Furnace
*†Judson Governor Co. (Steam Engine Governors), Brown's race & Furnace
*Klip-Klip Co. (Nail Clippers), 574 Clinton av S
*Kneeland, Thos. W., 23 Edinburgh
*Knowlton, M. D. Co. (Paper Box Machinery), 29 Elizabeth
*Kohlmetz, Chas. E. & H. L. (Machinist, etc.), 178 N Water
*Kraft & Hess, 46 N Water
*Kron & Moore (Machinists), 13 Aqueduct
*La May, Arthur C., 293 Mill
*Long, Adam A. (Special Machinery, Tools & Dies), 13 Graves
*Mack & Co. (Edge Tools, Machine Knives), 18 Brown's race
*Miller-McIntyre Mach. Mfg. Co., Furnace cor Mill
*Modern Laundry Machinery Co. (Laundry Machinery), 123 Ames
*Morgan Machine Co. (Boxmakers' Machinery, etc.), 46 Platt
*Morse, Wm. F. (Engineer & Machinist), 191 State
*Mutschler Mach. Co., 77 N Water
*§National Brass Mfg. Co. (Metal Specialties), 193 Mill
*†§National Car Wheel Co., of New York (Car Wheels & Iron & Brass Castings). Works: Rochester, N. Y.
*Northway, Thos. J. (Machinist), 92 Exchange
*§Nunn Brass Works (Brass Founders & Finishers), 17 Wentworth
*†Otis Elevator Co. (Electric & Hydraulic Elevators, etc.), 198 Commercial. (See New York City)
*Otis, Frank H., 191 Mill
*Palmer, C. J. Co. (Special Machinery), 220 Mill
*Parry, Samuel R. (Paper Box Machinery), 191 State
*Patric & Snyder (Machinists, Punches, Dies, etc.), 18 Minerva pl
*†Pullman Mfg. Co. (Hardware Specialties, etc.), Pullman bldg
*Rochester Barrel Machine Works (Barrel & Shingle Mill Machinery, etc.), 224 Mill
*Rochester Ideal Specialty Co., 11 Aqueduct
*Rochester Machine Tool Works (Automatic Engines, etc.), 3 Frank
*Rochester Roll Grinding & Corrugating Co., 218 Mill
*Rochester Steam Motor Co., 149 Cady
*†§Sargent & Greenleaf Co. (Bank & Safe Locks, etc.), 176 Court
*Schaffer, Jno. T. Mfg. Co. (Hydraulic Presses, etc.), 21 Circle
*Schirck, Edw. (Machinist), 191 Main W
*†Sill Stove Works (Stoves), 524 Oak
*Sintzenich, E. B. (Machinist), 267 South av
*Stein, Wm. P. & Co., 41 Central av
*Sterling Lubricator Co., 3 Frank
*Stone, Asa B., 115 Mill
*Streeter, N. R. & Co. (Fruit Presses, etc.), 220 N Water
*§Stromberg-Carlson Mfg. Co. (Telephones, etc.)
*Taylor Bros. Co. (Barometers, Hydrometers, etc.), 29 Elizabeth
*Tibbils, Geo. (Slot Machinery), 13 Aqueduct
*Trebert, H. L. F. & Co. (Gas Engines), 13 Grant
*Truesdale, S. B. & Co. (Dies, Tools, etc.), 236 Mill
*Tucker, Geo. A. (Machinist & Small Machinery), 284 State
*†Union Foundry & Machine Co. (Baling & Packing Presses), 1020 University av
*U. S. Standard Voting Machine Co. (Voting Machines)
*Werner, John (Confectionery Machinery), 729 Lake av
*West Tire Setter Co. (Tire Setters, etc.), 509 E. & B. bldg
*Wilder, L. F., 291 Mill
*Wilson, W. A. Machine Co. (Machine Tools, etc.), 217 N Water
§Wray, Henry & Son (Brass Founders), 193 Mill

ROME—*†Adams, S. & Son
*§Doyle, W. J. (Light Machinery, Brass & Aluminum Castings, etc.)
*Harris, C. S. Co. (Power Hoisting & Carrying Machines)
†Maxwell Co. (Saddlery Hardware & Specialties)
*†Rome Locomotive & Machine Works
*†Rome Metallic Bedstead Co.
*†Rome Sanitary Works (Plumbers' Cast Iron Enameled Ware, etc.)
*Utica Industrial Co. (Machinists)
SACKET HARBOR—†MeKee, W. L.
ST. JOHNSVILLE—†Folmsbee, Hartley
SALAMANCA—*†Benedict Mfg. Co. (Engines, etc.)
SANDY HILL—*†Friction Pulley & Machine Works
*†§Sandy Hill Iron & Brass Works (Paper Mill Mach'y & Iron & Brass Castings)
SARATOGA SPRINGS—*†Baker & Shevlin Co. (Paper Mill Machinery)
SAUGERTIES—*†Canner, P. & Co. (Brick Machinery & Castings, etc.)
SCHENECTADY—*†American Locomotive Co. (See New York City)
*Dakin, Jno. H. (Machinist)
*Dorsch, H. S.
*†§**GENERAL ELECTRIC CO.** (Electric Generators & Machinery). (See adv. index, end of book)
*Meakin, Moses
*Phillips, S. C. (Broom Machinery)
*†Westinghouse Co. (Agricultural Implements, Threshers, Stackers, etc.)
SENECA FALLS—*†American La France Fire Engine Co. (Fire Engines & Apparatus). (See International Fire Engine Co., New York)
*§Climax Specialty Co. (Plumbing Specialties)
*Davis, E. C. & Co. (Plumbing Specialties)
*†Gleason, Bailey & Sciple Mfg. Co. (Gasoline Engines, Force Pumps, etc.)
*†Goulds Mfg. Co. (Steam Pumps, etc.)
*†Rumsey & Co. (Steam Pumps, Fire Engines, etc.)
*†Seneca Falls Mfg. Co. (Foot Power Machinery, etc.)
SHORTSVILLE—*§American Seeding Machine Co. (Grain Drills, etc.), (See Springfield, O.
SIDNEY—*Lakin, Bruce (Machinist)
SILVER CREEK—*Hammond-Homberger Co. (Mill Machinery)
*†Howes, S. Co. (Grain, Coffee & Rice Cleaning Machinery, etc.)
*†Huntley Mfg. Co. (Grain, Rice & Coffee Cleaning Machinery, etc.)
*†Invincible Grain Cleaner Co. (Flour Mill & Grain Cleaning Machinery, etc.)
SILVERNAILS—†Hicks, J. A.
SODUS—†Sodus Foundry Co. (Iron Foundry)
*†Tripp Bros. (Machinists & Founders)
SOUTHAMPTON—*Allen, J. S. (Machinist)
STAMFORD—†Cowley, Wm. A. & Son
SYRACUSE—*Auringer, Wm. D., 208 Cedar
*Baker, Geo. N., 345 W Lafayette
*Barber Bros. (Steam & Gasoline Sngines), 500 E Water
*†Boomer & Boschert Press Co. (Presses, etc.), 329 W Water
*†Bradley, C. C. & Son (Founders & Machinists), 432 N Franklin
*Breads, Fred A. (Machinists), 328 E Water
*Carr Bros. (Machinists), 107 N Franklin
*Central City Bolt Co. (Door Hangers, Bolts, Nuts, etc.), 1620 N Salina
*Crouse-Hinds Electric Co. (Electrical Specialties), 308 W Jefferson
*Curry, Geo. D. (Machinist), 500 E Water
*Dodge Machine Works (Machinists), 920 W Onondaga
*Doyle & Devereaus (Machinists), 107 N Franklin
*†Dunning, Wm. D. (Plaster Mixers & Pulleys, Shafting & Castings), 329 W Water
§Edwards, O. M. Co.
*†§Engelberg Huller Co. (Rice & Coffee Machinery, Grey Iron & Brass Castings), 831 W. Fayette
*§Franklin, H. H. Mfg. Co.
†Frazer & Jones Co. (Harness Hardware & Malleable Iron Castings), 351 W Fayette
*Frick Bros. (Machinist), 304 Pearl
*Gale, O. Milton (Machinist), 142 N Warren
*Gooley & Edlund, 901 W Fayette
*Herrick, Geo. S. (Machinist), 132 N Warren
*Houser Elevator Co. (Elevators), 314 E Water
*†Hyle Steel Tool Co. (Tool Steel Implts.), Greenway av nr West Shore R. R.
*Kane & Roach (Radial Drills & Carriage Machinery), Niagara & Shonnard
Kemp & Burpee Mfg. Co. (Manure Spreaders), 1117 W Fayette
*King & Zimmerman, 508 E Water
*Leighton, H. J. (Marine Gasoline Engines), 901 W Fayette
*Lipe, Chas. E. (Est. of) (Dies, Tools & Special Machinery), 208 S. Geddes
*McMillan Engine & Machine Co. (Turbine Expansion Engines), 1427 N Salina
§McVey & Kratz (Brass Founders), 116 Richmond av
*Moseley Machine Co. (Machinists), 107 N Franklin
*Moyer, Harvey A. (Hub Boring, etc.), 259 Wolf
*Myers Brake Finder Co. (Electrical Testing Instruments), 105 S Warren
§Oberdorfer, Moses L. (Brass Founder), 804 E Water
*Parrot Wrench Co. (Wrenches, etc.), 106 S State
§Phelps, Elmer E. (Brass Founder), 107 N. Franklin
†*Phoenix-Porter Fdry., 1421 N Salina
*†Pierce, Butler & Pierce Mfg. Co. (Radiators & Heating Apparatus), 236 James
†Plant, Levi (Gray Iron Castings), 325 Wolf
*†Powell, E. C. (Machinist), 352 W Fayette
†Reddin Iron Works (Iron Founders), 408 Marcellus
*Rogers, Jno. B. (Machinist), 1231 E Fayette
*Sanderson, Thos. W. & Bro. (Yacht Engines, Propeller Wheels, etc.), 307 W Willow
§Senk, John & Bro. (Brass Founders)
*Shaw Coupling Co. (Machinists), 803 W Fayette
*†Smith Premier Typewriter Co. (Typewriters), 301 E Genesee
†Smith & Caffrey (Grey Iron Castings), 1421 N Salina
*Standard Gauge Mfg. Co. (Steam Gauges, etc.), 107 N Franklin
*†Stearns, E. C. & Co.
*†Straight Line Engine Co. (Iron Founders), 218 S Geddes
*Syracuse Arms Co. (Hammerless Shot Guns, etc.), 1419 N Salina
*†Syracuse Chilled Plow Co. (Plows, Harrows, Cultivators, etc.), 111 Wyoming
*§Syracuse Faucet & Valve Co. (Brass Founders, Finishers & Plumbers' Brass Goods), 1620 N Salina
†Syracuse Foundry Co. (Iron Founders), W Towpath nr N Y C R R bridge
*Syracuse Heater Co. (Heating Apparatus), 511 S Clinton
†Syracuse Malleable Iron Works (Refined Air Furnaces & Iron Castings), 101 N Geddes
*†Syracuse Stove Works (Stoves, etc.), 100 N Geddes
*Syracuse Time Recorder Co. (Time Recorders), 225 Walton
*Syracuse Twist Drill Co. (Twist Drills, etc.), 936 Grape
Thelen Arch Iron Works Co. (Builders' Iron Work, etc.), 1427 N Salina

TARRYTOWN—*†**RAND DRILL CO. (See** New York City.) (See adv. index, end of book)
THERESA—†Wakefield, Jas. W.
TICONDEROGA—*†Ticonderoga Machine Works (Paper & Pulp Mill Machinery)
TONAWANDA—*Excelsior Steel Ball Co.
*Gillie, Geo. P. (Machinist)
*Gillie Engine & Machine Co. (Merry-Go-Rounds, etc.)
TROY—*Adams Laundry Machinery Co. (Laundry Machinery)
*†Bascom & Co. (Stove Patterns, etc.)
*Bernard, E. G. Co. (Dynamos & Motors, etc.)
*Bradt Mfg. Co. (Card Machines)
*Brockway, Geo. A. (Laundry Machinery, Turning Machines)
*Bunnell, L. S. (Machinist)
Burdon Iron Co. (Horse Shoes, etc.)
*†Burdett-Smith & Co. (Stoves)

Carr, Jos. B. Co. (Chains, etc.)
*Continuous Rail Joint Co. of America
*§Cox Brass Mfg. Co. (Beer Pumps, etc.)
*Eclipse Machine Co. (Sheet Metal Workers' Machinery & Tools)
*Eclipse Machinery Co. (Collar & Cuff Machinery)
*†Fales, A. B. (Stoves, etc.)
*†Fuller & Warren Co. (Stoves & Heating Apparatus)
*†Gold Coin Stove Co. (Stoves)
*Gormley, Robert W. & Co. (Machinists & Machinery)
*§Gurley, W. & L. E. (Surveying Instruments, etc.)
*Hammett, Hiram G. (Railroad Supplies)
*†Hislop, Jas. W. (Iron Foundry & Scale Mfr.)
*†Hughes, Bernard F. (Stoves)
*§Kemp, William & Son (Brass & Copper Founders, Railroad Castings, etc.)
*†Knowlson & Kelly (Corliss Engines, Castings, etc.)
*†§Ludlow Valve Mfg. Co. (Iron & Brass Founders, Valves, Fire Hydrants & Water Works' Supplies)
*†McMurray, C. F. Co. (Power Transmitting Machinery)
*†Mahony Mfg. Co. (Iron Founders, Builders' Iron Work, Hot Water & Steam Heaters, etc.)
*§Meneely Bell Co. (Bell Founders, etc.)
*§Meneely & Co. (Bell Founders, etc.) Watervliet
*Micrometer Balance Scale Co.
*Morey, Alex. W. (Machinist)
*National Machine Co. (Button Hole Machines, etc.) (See Mamaroneck, N. Y.)
*†Neemes Bros. (Machinery Castings, Shaking Grates, etc.)
†Palmer Hardware Co. (Hardware & Specialties)
†Phillips & Clark Stove Co. (Stoves). (See Geneva, N. Y.)
*Prankard, Chas. J. & Sons (Machinists)
*†Rensselaer Mfg. Co. (Iron Founders, Vales, Fire Hydrants & Waterworks Supplies)
†Reynolds Chalou Foundry Co. (Heavy Machinery & Small Grey Iron Castings)
*†Ross Valve Co. (Valves, Fire Hydrants, etc.)
*Shields, Wm. H. & Co. (Stove Trimmings, etc.)
*†Taylor Truck Co. (Electric Car Trucks, etc.)
*Tolhurst, W. H. & Son (Textile Machinery, etc.)
*Tompkins Bros. Co. (Textile Machinery)
*†Torrance Malleable Iron Co., Green Island
Trojan Button Fastener Co. (Inc.)
*†Troy Laundry Machinery Co. (Ltd.) (Laundry Machinery)
†Troy Malleable Iron Co. (Iron Founders)
*†§West Side Foundry Co. (Gray Iron & Brass Castings & Hot Air Furnaces, etc.)
*Whelan, Dennis J. (Machine Tools, etc.)
TRUMANSBURG—*†Almy, Samuel & Son
*†Morse Chain Co. (Transmission Chains)
UTICA—*§Blaiser, M. E. & Co. (Gas & Electric Fixtures)
*Bossert Electrical Construction Co. (Machinists & Electrical Specialties)
*Childs, Chas. H. & Co. (Cultivators, etc.)
*Coram, S. & W. C. (Machinists)
*Davidson Harrow Co. (Harrows, etc.)
*Eureka Mower Co. (Cultivators, Mowers, Planters, etc.)
*Fisher Knitting Machine Co. (Textile Machinery)
*†Foster Bros. Mfg. Co. (Iron Beds, etc.)
§Freeman, King H. (Brass Founder)
*†Giblin & Co. (Stoves, Furnaces, etc.)
*†Hart & Crouse Co. (Heating Apparatus, Hot Air Furnaces, etc.)
*†International Heater Co. (Heating Apparatus, Stoves, etc.)
*Johnson & Morton (Electrical Engineers & Electrical Specialties)
*Mallinson, James H. (Machinist & Gas Engines)
§Merriam, Frank M. (Brass Founders)
*†Munson Bros. Co. (Flour Mill Mach'y)
*†New York Radiator Co. (Radiators, etc.)
*†Palmer, C. F. (Builders' Castings, Vases & Lawn Furniture, etc.)
*Savage Arms Co. (Fire Arms, etc.)
*Schrier, Walter (Machinists & Elevators)
*Sherman, S. F. (Canning Machinery)
*†Standard Harrow Co. (Cultivators, Harrows, Corn Shellers, etc.)
§Utica Brass Works (Brass Founders)
*Utica Cycle Co. (Bicycles, Cycles, etc.)
*Utica Drop Forge & Tool Co. (Forgings, Hardware & Specialties, etc.)
*Utica Fire Alarm Telegraph Co.
*Utica Gas Engine Works (Gas Engines)
*§Utica Gas Fixture Co.
*†Utica Heater Co. (Heaters & Furnaces, etc.)
*†Utica Pipe Foundry Co. (Cast Iron Soil Pipe, etc.)
*†Utica Steam Engine & Boiler Works (Engines, Boilers & Machinery)
Weston-Mott Co. (Bicycle Wheels, etc.)
VERNON—*†Pohl, Geo. D. Mfg. Co. (Gasoline Engines, etc.)
VOORHEESVILLE — †Bloomingdale, Frank (Iron Fdry.)
WALDEN—*†Rider-Ericsson Engine Co. (See New York City)
WALTON—†Hoyt, L. E. Co. (Iron Fdry.)
WARSAW — *†**WARSAW ELEVATOR** Co. (Elevators, Barrel Elevating & Conveying, Salt Well, Special, etc.) (See adv. index, end of book)
*†Warsaw-Wilkinson Co. (Ensilage Cutters, etc.)
WARWICK—†Richardson, H. W. (Iron Fdry.)
WATERFORD—*†Eddy Valve Co. (Valves, Fire Hydrants, etc.)
*Holroyd & Co. (Stocks & Dies)
*King, J. M. & Co. (Stocks & Dies)
§Roberts & Holloway (Brass Fdry.)
*Snyder & Metcalf (Machine Tools)
WATERTOWN—*†Bagley & Sewell Co. (Iron Fdrs. & Paper & Pulp Mach'y)
*Barber-Weekes Electrical Co.
†Brownville Iron Works
*†Harmon Machine Co. (Machinists, etc.)
*†Lance, Geo. A.
*†Massey Machine Co. (Machinists)
*†New York Air Brake Co. (Air Brakes & R. R. Appliances). See New York City
*Randall-Faichney Co. (Thermometers, etc.)
*Stebbins Eng. & Mfg. Co. (Mill Machinery)
*Union Carriage & Gear Co.
*†Watertown Engine Co. (S. F. Bagg, Prop.), (Steam Engines, Saw Mills, etc.)
Watertown Spring Works
*Watertown Thermometer Co.
*§Wise, J. B. (Hdw. Specialties, etc.)
WATERVILLE—*†§Berrill's, J. A. Sons (Iron & Brass Fdrs., etc.)
*Daniels, Sam'l A. (Machinist)
*†Waterville Fdry. & Mfg. Co. (Fdrs. & Machinists)
WATERVLIET—*†Aird, Platt Mfg. Co. (Iron Fdrs. & Machinists)
†Covert Mfg. Co. (Saddlery Hdw., etc.)
*†Jones, J. M. Sons (Electric Cars)
*King Mfg. Co. (Waste Traps, etc.)
*†§Meneely, Geo. R. & Son (Car Bearings)
*§Meneely & Co. (Bell Fdrs.) See Troy, N.
*Sturgess Governor Engineering Co.
†Troy Malleable Iron Co. (See Troy, N. Y.)
*†West Side Foundry Co. See Troy, N. Y.
WATKINS—*†Frost, C. S. & C. H.
WAVERLY—*†Denslow, W. H. Co. (Heaters)
WAYLAND—*†Kiehl, Jno.
WEBSTER—*Jennings, E. M.
WEEDSPORT—*Burritt, O. W. & Bro. (Machine Tools, etc.)
WELLSVILLE—*†Clark & Norton Mfg. Co. (Engines, etc.)
*McEwen, D. S. (Machinist)
*†McEwen Bros., Inc. (Steam Engines, etc.)
WEST COXSACKIE—†Walther Bros.
WESTMORELAND—†Westmoreland Malleable Iron Co.
WEST ONEONTA—†Taber, Henry B.
WILLIAMSON—*Fuller & Cooper (Gas Engines)
WILSON—*†Barnum's Agricultural Works (Agl. Implements & Castings, etc.)
WINDSOR—*Anderson, B. S.
WOLCOTT—*†Curtis, O. M. (Machinist)
†Knapp, F. P. (Iron Fdry.)
YONKERS—†Allen, David E. (Iron Fdry.)
*Automatic Packing & Labeling Co. (Inc.) (Machinists)
*Chambers, David
*Conley, Jno. J. (Machinist & Millwright)
*Danner, Ad. (Machinist)
*Eickemeyer & Osterheld Mfg. Co. (Machinists)
*Hargreaves, Jno. D. (Machinists)
*Morris, Thos. (Machinist)
*Nepperhan Machine Co. (Machinists)
*†Otis Elevator Co. (Elevators)
*†Saunders', D. Sons, Inc. (Pipe Cutting & Threading Machines)
*Segschneider, Rudolph
*Shrive, William (Machinist)
*Skinner & Connolly (Machinists)
*§Terrace City Foundry (Brass & Iron Founders)
†Yonkers City Foundry (Iron Founders)
*Yonkers Machinery & Supply Co. (Engines & Boilers)
YOUNGSTOWN—*†Ripson, Wm. & Son (Iron Fdrs. & Plows, Cultivators, etc.)

NORTH CAROLINA.

ASHEBORO—†Asheboro Wood & Iron Co.
ASHEVILLE—*†Ashville Supply & Foundry Co.
*†Drummond Plow Co. (Plows, etc.)
BISCOE—*†Biscoe Foundry & Machine Co.
BURLINGTON—Petty-Foust Machine Co.
†Sykes Bros.
CHARLOTTE—†Charlotte Pipe & Foundry Co. (Cast Iron Pipe, etc.)
*†Cole Mfg. Co. (Cotton Planters)
*†Liddell Co. (Engines & Machinery & Castings)
*†Mecklenburg Iron Works (Saw Mill & Mining Mach'y, etc.)
*†Park Mfg. Co., Inc. (Belt & Power Elevators, etc.)
*†Tompkins, D. A. Co. (Steam Engines & Mach'y)
CONCORD—†Blume Bros.
*Dry, C. B.
*Pounds, J. T.
DUNN—*†McKay, J. A. Mfg. Co. (Edge Tools, etc.)
DURHAM—†Kerr, J. T.
FAYETTEVILLE—*†Carolina Machine Co.
*Clark, I. W.
†Ward, Thos.
GASTONIA—*†Gaston Iron Works
GOLDSBORO—*†Dewey Bros. (Iron Fdrs., etc.)
*†Wayne Agricultural Works (Plows, etc.)
GREENSBORO—*Clymer, L. M. (Mill Machy)
*†Glascock, G. T. & Sons (Stoves, Agl. Implements, etc.)
*Globe Plow Co. (Plows, etc.)
*Greensboro Machine Co. (Machinists)
*†Sergeant Mfg. Co. (Fdrs. & Machinists & Agl. Implts.)
*Wysong & Miles Co. (Woodworking Machinery)
GREENVILLE—*Humber, R. L.
HAWRIVER—†Thompson, J. & Son
HICKORY—*Latta-Martin Pump Co. (Pneumatic Pumps)
*†Piedmont Fdry. & Machine Co.
HIGHPOINT—*Highpoint Machine Works (Machinists)
*†High Point Metallic Bed Co.
KINGSTON—*†Hodges, E. M.
LAURINBURG—*Blue, Jno. (Machinist)
LEXINGTON — §Southern Brass Co. (Brass Fdrs.)
*†Thompson, C. M. (Plows, Corn Shellers, etc.)
NEWBERN—*†Williams & Crosby (Fdrs. & Machinists)
NORTH WILKESBORO—†Wallace, J. V.
RALEIGH—†Gill, J. H. (Iron Fdry.)
*†Raleigh Iron Works Co.
ROCKYMOUNT—*Rockymount Machine Co.
SALISBURY—*†Thompson, P. H. (Fdry. & Machinist)
SANFORD—*†Moffitt Bros. (Fdrs. & Machinists)
STAR—*†Star Machine Co.
STATESVILLE—*†Steele, J. C. & Son (Brick Mach'y, etc.)
THOMASVILLE—*McKnight, L. G. & Co. (Machinists)
WAKE FOREST—*†Dunn, W. B. Plow Co.
WASHINGTON—*†Mutual Machine Co. (Fdrs. & Machinists)
*†Pamlico Iron Works (Fdrs. & Machinists)
WILMINGTON—*Hanover Iron Works
†Wilmington Iron Works
WILSON—*†Davis, W. J. Machinery Co.
WINSTON-SALEM—†Cook, W. B. & Co.
†Link & Jess
*†Salem Iron Works (Engines, Saw Mills, Coffee & Rice Plantation Mach'y, etc.)
*†Vance, J. A. & Co. (Fdrs. & Machinists, Woodworking Mach'y, etc.)

NORTH DAKOTA

DEVIL'S LAKE—*†Dacotah Machinery Co.
GRAND FORKS—†Dow, Daniel (Iron Fdry.)
PARK RIVER—*Holland, Sam'l
VALLEY CITY—*Noxon Bros.
WAHPETON—†Richter, J. J.

OHIO.

ADDYSTON—†U. S. Cast Iron Pipe & Fdry. Co. See New York City

AKRON—*†Adamson, Alex. (Rubber Machinery, etc.)
*†Akron Cultivator Co. (Agl. Implts., Cultivators, etc.)
*Akron Electrical Mfg. Co. (Dynamos, Generators, etc.)
*†Akron Foundry Co. (Machinery Castings, etc.)
*†Akron Machine Co. (Cultivators, etc.)
†American Castings Co.
*†Aultman & Miller Buckeye Co. (Agl. Implts., etc.)
*Brandon Machine Co. (Mitering Machines, Mounting Presses, etc.)
*Bridgewater, H. H. (Machinist)
*Brooks, W. S.
*Burger Iron Co. (Bldrs. Iron Work)
*Burt Mfg. Co. (Oil Filters, etc.)
*Crown Drilling Machine Co.
Enterprise Mfg. Co. (Metal Specialties & Fishing Tackle, etc.)
*Excelsior Machine Works (Rubber Mach'y)
*Garl Electric Co. (Annunciators & Telephones & Apparatus)
*Harpham & Lutz (Machinists)
*Jones & Kuhlke (Machinists)
§Krisher, P. A. Brass Foundry
*May & Fieberger (Hot Air Furnaces)
*Niagara Fire Extinguisher Co. (Fire Extinguishers)
*†Star Drilling Machine Co. (Well Drilling Mach'y, etc.)
*†Summit City Machine Co. (Iron Fdrs.)
*†Taplin, Rice & Co. (Stoves, Brick & Pottery Mach'y, etc.)
*†Wellman-Seaver-Morgan Co. (Coal Handling, Mining & Pottery Mach'y, etc.). See Cleveland, O.
*†**WHITMAN & BARNES MFG. CO.** (Agricultural Implts., Twist Drills, etc.), See also Chicago, Ill. (See adv. index, end of book)
*†Williams Foundry & Machine Co. (Pottery & Rubber Machinery)
*Wise Furnace Co.

ALBANY—*McPherson & Dixon

ALLIANCE—*Alliance Machine Co. (Cranes, Riveters, Punches, Steam Hammers, Presses, Shears & Rolling Mill Mach'y)
†American Steel Foundries Co. (Open Hearth Castings). (See Chester, Pa.)
†Bauch, Fred'k (Iron Fdry.)
*†Morgan Engineering Co. (Cranes, Steam Hammers & Hydraulic & Rolling Mill Mach'y)
Transue & Williams Co. (Drop Forgings, etc.)

ASHLAND—*†Ashland Steel Range Co.
*Mohn & Hunter
*†Myers, F. E. & Bro. (Pumps & Agl. Implts., etc.)
*Safety Door Hanger Co.

ASHTABULA—American Fork & Hoe Co. (See Cleveland, O.)
*†Barber Mfg. Co. (Furnaces, Hdw. & Plumbers' Specialties & Iron Fdrs., etc.)
†Ideal Foundry Co. (Iron Fdrs)
*†McKinnon, W. S. (Iron Fdry., etc.)
*†Phoenix Iron Works (Iron Fdrs., etc.)

ATHENS—*†Athens Fdry. & Machine Co. (Fdrs. & Machinists)
*†Hudson School Furniture Co.

ATTICA—*†Attica Fdry. & Mach. Co.

BARBERTON—*†Diamond Match Co.
*†National Drill & Mfg. Co. (Rock Crushers & Road Making Machinery)
*†§Pittsburg Valve & Fitting Co. (Valves, Pipe Fittings & Iron & Brass Castings)
*†Stirling Co. (Boilers & Boiler Castings) (See Chicago, Ill.)

BARNESVILLE—*Hall & Outland
*†Watt Mining Car Wheel Co. (Mine Cars & Wheels, etc.)

BATAVIA—*Carroll & Jamieson Machine Co. (Machinists)

BELLAIRE—*†Bellaire Fdy. & Mach. Co.
*†Bellaire Stove Co. (Stoves)
†Dorer, C. L. Fdry. Co.
*†Mason Heater Co.
†National Steel Co. (Iron Frdy. Dept.)

BELLEFONTAINE—*†Bellefontaine Bridge & Iron Co.
*Hennesey, D. R.
*†Humphrey, Chas. S. (Iron Fdry., etc.)

BELLEVUE—*†Ohio Cultivator Co. (Agricultural Implts., etc.)

BEREA—*†Dunham, J. W. & Son (Harrows, Corn Shellers, etc.)
*Ray Automatic Machine Co. (Automatic Machinery, etc.)

BLUFFTON—*Bluffton Cream Separator Co.
†Courtad & Green (Iron Fdry.)
*†Klay, Andrew
*Sanitary Cream Separator Co. (Cream Separators)

BOWLING GREEN—*†Hickox, Mull & Hill Co. (Agl. Implts., etc.)

BRILLIANT—*Hunter & Son

BROOKVILLE—†Fox, Herman S.
*Wellbaum Bros. (Corn Harvesters, etc.)

BRYAN—*†Bryan Plow Co. (Plows, Harrows, etc.)

BUCYRUS—*†American Clay Working Machinery Co. (Brick & Clay Mach'y, etc.)
*Bucyrus Knitting Machine Co. (Textile Mach'y)
*†Carroll Fdry. & Machine Co. (Iron Fdry.)
*†Shunk Plow Co. (Plows, Cultivators, etc.)

CADIZ—*Ward, W. G. (Machinist)

CALDWELL—*†Caldwell Car & Mfg. Co. (Cars, etc.)

CAMBRIDGE—*†Cambridge Foundry Co. (Mine, Railroad & Machinery Castings)

CANAL DOVER—*†Dover Mfg. Co. (Sad-Irons, etc.)
*†Milner, A. R. Seating Co. (Fdrs. & Machinists)
*Wagner Bros.

CANAL FULTON—*†Fulton Machine Co. (Agl. Implements, Land Rollers, etc.)
*†Fulton Pitt Car Works (Industrial Steel Cars, etc.)
Fulton Tool Works

CANTON—*§Best Street Light Co. (Incandescent & Vapor Gas Lamps, etc.)
*§Bonnot Company (Brick, Clay Working & Cement Machinery, etc.)
*†Bucher & Gibbs Plow Co. (Agl. Implts., Plows & Cultivators)
*Buckeye Mfg. Co. (Cultivators, Plows, etc.)
*Canton Drop Forging & Mfg. Co. (Drop Forgings & Machinists)
*†Canton Foundry & Machine Co. (Light & Heavy Castings, etc.)
†Canton Malleable Iron Co.
*†Canton Pump Co. (Steam Pumps, etc.)
*†Canton Roll & Machine Co. (Rolling Mill Mach'y & Heavy Castings)
*†Canton Saw Co. (Grey Iron Castings & Special Mach'ly & Dies, etc.)
*†Cleveland Axle Mfg. Co. (Axles, etc.)
*Cleveland-Canton Spring Co. (Carriage Springs, etc.)
*Culp, T. S. (Gas Engines, etc.)
*Dick, Jos. Agricultural Works (Agl. Imps.)
*Diebold Safe & Lock Co. (Bank Vaults, Safes, etc.)
*Dueber Watchcase Mfg. Co. (Watch Cases, etc.)
*†Elbel Co. (Saddlery Hdw. & Castings)
§Frankham, Wm. (Patterns & Models, etc.)
*Gibbs Mfg. Co. (Hardware Specialties)
*Goughnour Electric Co. (Dynamos, etc.)
*Hampden Watch Co. (Watch Mfrs., etc.)
*Knight Mfg. Co. (Gas Engines & Saw Mill Mach'y, etc.)
*Kohler, F. E. & Co. (Agl. Implts. & Hdw. Specialties)
*†McLain, J. H. Co. (Heating Apparatus, Feed Mills, etc.)
*Miller Pasteurizing Machine Co.
Monnot, C. D. & Sons (Bicycles & Platers, etc.)
*Ney Mfg. Co. (Haying Tools, Carriers, etc.)
*Ney, V. L. Co. (Haying Tools, Carriers, Lawn Rakes, Post Hole Diggers, etc.)
*†Novelty Iron Co. (Radiators, Heating Apparatus. Castings, etc.)
*§Sun Vapor Street Light Co. (Incandescent & Vapor Street Lamps, etc.)
*Timken Roller Bearing Axle Co. (Roller Bearings for Vehicles, etc.)
†§Whiteman Mfg. Co. (Tumbler Washers, etc.)

CARTHAGE—See Cincinnati, O.

CELINA—*†Hanika, C. & Sons Iron Co. (Builders' Iron Work & Castings, Fire Escapes, etc.)
*†Struckman, Geo. W. (Machinist & Fdry.)

CHAGRIN FALLS—*†Ober Mfg. Co., Woodworking Machinery, Sad-Irons, etc.)
†Semi-Steel Co.) (See Cleveland, O.

CHATHAM—*Shaw, W. (Machinist)

CHILLICOTHE*†B. & O. South Western Railway (Shops)
*Deschler, August (Machinist)
*Schwartz, M. & Son (Lifting Jacks, etc.)
*†Woodcock Feed Mill Co. (Feed Mills, etc.)
*Young, Jno. (Machinist)

CINCINNATI — *§American Brass Works (Plumbers' Brass Work), 426 Plum
*American Gas Engine Co. (Gas Engines), Straight & Mass. av
*†American Laundry Machinery Co. (Laundry Mach'y, etc.), Norwood
*†American Tool Works Co. (Machine Tools, Lathes, Planers, Shapers, Drills, etc.), 6th & Eggleston av
*†§American Valve & Meter Co. (Water Cranes, R. R. Switches, Valves & Castings), 1125 Gest
*Andrew, M. L. & Co. (Woodworking Machinery, etc.), 118 W 2d
*Atlas Machine Tool & Die Works, 442 E 2d
*Automatic Injector Co. (Injectors, etc.), 12 E 3d
*Barker, Wm. & Co. (Machine Tools, etc.), Culvert & Pioneer
*Barnes, Chas. Co., 55 Main
*Belmer Machine Tool Co. (Machine Tools, Upright Drills, etc.), 2834 Western av
*Bickford Drill & Tool Co. (Machine Tools, Upright Drills, etc.), Front & Pike
*†Blettner, Jos. B. & Co. (Iron Fdrs., Brewery, Soap & Candle Mach'y, etc.), 1974 Central av
*Block-Pollak Co. (Open Hearth Steel Axles; also Axles), Carthage
*†Blymyer Iron Works Co. (Iron Fdrs., Sugar, Coffee & Rice Plantation Mach'y, etc.), Spring Grove av & Township
*Boss Washing Machine Co. (Washing Machines, etc.), Norwood
*†§Bourbon Coppper & Brass Works (Fire Hydrants, Stop Valves, Extension Valve Boxes & Iron & Brass Fdrs., etc.). 618 E Front
*Bradford Machine Tool Co. (Machine Tools, Engine Lathes, etc.), 657 Evans
†Buckeye Foundry Co. (Iron Fdrs., Machinery Castings, etc.), 2257 Buck
*†Bullock Electric Mfg. Co. (Dynamos, Generators, etc.), East Norwood
*Buob, Fred. Machine Co.)Machinists), 423 Home
*Carlisle & Finch Co. (Searchlights & Motors, etc.), 231 E Clifton av
*§Central Brass Works (Brass Fdrs. & Finishers), 322 W Pearl
*Chambers Machine Co. (Bakers' Mach'y, etc.), Spring Grove av & Township
*§Cincinnati Bell Foundry Co. (Bell Fdrs., etc.), Spring Grove av & Township
*Cincinnati Electrical Tool Co. (Machine Tools), 28 E 3d
*Cincinnati Elevator Works (Elevators, etc.), 216 W 2d
*Cincinnati Engine & Machine Co. (Engines), 3d & Walnut
*§**CINCINNATI MFG. CO. (Brass &** Bronze Fdrs. & Ornamental Iron, Brass & Bronze Works), 1243 W 6th. (See adv. index, end of book)
*Cincinnati Machine Tool Co. (Machine Tools), Spring Grove av & Township
*Cincinnati Milling Machine Co. (Machine Tools, etc.), Spring Grove av & Alfred
*Cincinnati Planer Co. (Machine Tools), Harrison & Queen City avs
*Cincinnati Punch & Shear Co. (Punching & Shearing Machinery, etc.), 1422 Plum
*Cincinnati Screw & Tap Co. (Taps, Screws, Nuts, etc.), 2442 Beekman
*Cincinnati Shaper Co. (Machine Tools, etc.), Elam & Garrard av
*Cincinnati Steel Range & Furnace Co. (Ranges, Furnaces, etc.), 115 W 5th
*Cincinnati Talking Machine Co., 1230 Vine
*Cincinnati Tool Co. (Machiuists' Fine Tools), Norwood
*Clawson Mfg. Co., 135 E 6th
†Columbia Foundry Co.
Columbia Iron Works (Bldrs.' Iron Work), 725 Reading Rd
*Consolidated Time Lock Co. (Time Locks, etc.), 315 W 4th
*Cordesman Machine Co. (Woodworking), Butler opp. P. C. C. & St. L. Ry.
*Cordesman, Meyer & Co. (Woodworking, etc.), 85 Central av
§Crane & Breed Mfg. Co., 1227 W 5th
†Cureton Foundry Co. of Mt., O., 1108 Traction bldg
*Curran, Jas. H. Elevator Co. (Elevators), 114 W 2d
*†Day, J. H. & Co. (Laboratory & Pulverizing Mach'y, etc.), 1144 Harrison av
*Day-Kincaid Stoker Co. (Locomotive Stokers, etc.), 1148 Harrison av
*§Deckebach, F. C. Sons Co. (Brass Fdrs. & Finishers), 123 W Court

*Deters, F. & Co. (Pop Corn Mach'y, etc.), 906 Elm
*Deutschle, Louis (Machinist, Lithographing & Printing Mach'y), 1017 Plum
*Dietz Machine Tool Co. (Lathes & Machine Tools), Elm & Garrard av
*§Douglas, Jno. Co. (Plumbing Goods)
*Dreses Machine Tool Co. (Machine Tools, etc.), 2261 Buck
*Drube, Adolph, 11 W 13th
*†Eagle Iron Fdry. & Machine Works, 933 Harriet
*Economy Machinery Co., 428 E Pearl
§Edna Smelting & Refining Co. (Brass Fdrs., etc.), 525 Reading rd
*§Electric Railway Equipment Co., 431 E Front
*§Ellerhorst, Jno. G. & Co. (Brass & Copper Work)
*§Enterprise Brass & Plating Co. (Carriage Mountings, Brass Finishers & Platers etc.), Clark & Harriet
*†Erhart, Chris. (Filter Presses, Castings of Every Description, etc.), 1237 W 6th
§Eureka Brass Works(Brass Fdrs.), 217 W 2d
†Eureka Foundry Co. (Iron Fdrs., etc.), 1110 Richmond
†Excelsior Iron Foundry, 637 W Front
*†Fay, J. A. & Eagan Co. (Woodworking Mach'y, etc.), Front & John
*§Fewless Leen Brass & Iron Co. (Brass Fdrs. & Finishers), 456 E 2d
*Fosdick Machine Tool Co. (Machine Tools), Blue Rock & Apple
*Francis, Chas. E. & Bro. (Woodworking Mach'y, etc.), 423 E 8th
*Franklin & Hamant Co. (Machine Tools), 2454 Beekman
*Freeman, Louis G. (Shoe Mach'y), 212 E 9th
*Frisbie Engine & Machine Co. (Engines, etc.), 33 E Water
*†Fritsch, Francis Mfg. Co. (Engineers, Millwrights, Founders & Machinists), 225 W McMicken av
*Gang, Wm. E. Co. (Machine Tools), 1543 Queen City av
*Geier, Jno. (Special Machinery), 325 W 2d
*†General Light, Heat & Power Co.
*German-Russell Co. (Machinists & Pipe Fitters), 222 E 9th
§Globe Brass Works, 62 Elm
†Globe Foundry Co., 121 W 2d
*Globe Machine Works, 118 W 2d
*Gray, G. A. Co. (Machine Tools), C. H. & D. R. R. & Gest
*Greaves, Klusman & Co. (Machine Tools & Woodworking Mach'y), Cook & Alfred
*†Greenwald, I. & E. Co. (Engines, Flour Mill Mach'y, etc.), 720 E Pearl
*Grimm, Andrew, 2207 Bogen
*Grimm, Ig & Co. (Bldrs.' Iron Work), 155 E McMicken av
***HALL SAFE CO. (Safes & Bank** Vaults), Spring Grove av & Kinney. (See adv. index, end of book)
†Haney & Spieker (Light & Heavy Gray Iron Castings), 127 W 2d
*Hardisty & Co. (Augers, Machine Knives, etc.), Harris & Peunna. R. R.
*Hasenzahl, Wm. (Diamond Rock Drills), 315 E 2d
§Hauck Mfg. Co., 322 W Pearl
†Haven Malleable Casting Co., Dane, Knowlton & C. H. & D. Ry.
*Hempelmann & Hector, 120 Opera pl
*Henrichson Scale Co. (Butchers' Scales), 1421 Walnut
*Hess Spring & Axle Co. (Carriage Springs & Axles, etc.), Carthage
*§Hesterberg, Robt. & Co. (Brass Fdrs. & Iron Fdrs., Brass & Iron Goods for Steam & Water, etc.), Spring Grove av & Garrard av
§ Hilb, L. (Smelting & Refining, etc.)
*Hilbert Machine Co., 20 W Canal
*Hisey-Wolf Machine Co. (Machine Tool Grinders, Drills, etc.), 79 Elm
§Hoffman-Ahlers Co. (Coppersmiths, etc.)
*Homan & Co. (Candle Moulding Mach'y, etc.), 214 E 7th
*Homann Model Works, 427 Main
*§Hoppe, Chas. & Co. (Brass Goods), 632 Main
*Huenefeld, Ernst H. (Steel Ranges, etc.), 223 E 9th. Works, Augusta, Ky.
*†Incandescent Light & Stove Co., 420 E Pearl
†Insurance Stove Range & Foundry Co., 15th nr Madison av, Covington
*International Harness Machinery Co. (Harness & Leather Working Mach'y), 630 Sycamore
†Iron Castings Co. (Iron Fdrs.), Gest & C. H. & D. Ry. & Depot
*Jantz & Leist Electric Co. (Dynamos, etc.), 808 Elm
†Johannigmann Foundry Co. (Iron Fdrs., etc.), 637 W Front
*Johnston, R. C. & Co. (Machinists & Engineers), 633 Walnut
*Johnston, Wm. T. Co., 520 Main
†Jones & Bruce (Iron Fdrs.), 956 Kenyon av
*Keene, Geo. C. & Co. (Sheet Metal Workers' Mach'y & Tools), 2327 Florence av 808 Elm
*King Machine Tool Co. (Machine Tools), Winton pl
Kingery Mfg. Co. (Confectioners' Machinery, etc.), 106 E Pearl
§Kinsley, J. R. (Brass Fdrs.), 115 E 6th
*§Kirkup, Robt. & Co. (Brass Fdrs. & Finishers, Plumbers' Brass Goods), 616 Lodge
*§Kisinger-Ison Co. (Brass Frs. & Street Sweeping Machines & Street Ry. Supplies), 472 Pioneer
*†Klaine, F. A. & Co. (Stoves), Front & Central
*§Klotter, Geo. F. Co. (Brass Frs., etc.), 1722 Central av
*Knecht Bros. Co. (Machine Tools), 2454 Beekman
†Knecht, Victor Co. (Iron Fdrs.), 819 Wade
*Koenigkramer, F. & F. (Machinists), 1140 York
*Kuehnle, Jno. & Son (Edge Tools, Machinists' Bits & Cuters for Woodworking Machinery), 60 Central av
*†Laidlaw-Dunn-Gordon Co. (Pumping & Tobacco Mach'y & Air Compressors, etc.), 211 W 4th. See International Steam Pump Co., New York
†Lambert Cast Iron Curve Pipe Machine, Johnston bldg
*†Lane & Bodley Co. (Air & Gas Compressors, Corliss & Slide Valve Engines, Steam & Hydraulic Elevators, etc.), John & Water
*Le Blond, R. K. Machine Tool Co. (Machine Tools, etc.), 4609 Eastern av
*†Limberg Foundry & Enameling Works (Enameled Iron Bath Tubs & Iron Castings, etc.), Florence av & Symmes
*§Lipp, Louis Co. (Plumbing Goods), Mitchell av & B. & O. S. W. R. R.
*Lodge & Shipley Machine Tool Co. (Machine Tools, etc.), 3055 Colerain av
†Lotze's, A. Sons & Co. (Steel Ranges, Hot Air Furnaces, etc.), N W c 8th & B'way
*†§**LUNKENHEIMER CO. (Brass &** Iron Fdrs., Steam, Water & Engineering Specialties), Waverly av & Beekman. (See adv. index, end of book)
*Lynn Filter Mfg. Co. (Water Filters), 3250 Spring Grove av
*McFarlan & Spilker Mfg. Co. (Picture Frame Mach'y, etc.), 1652 Dorman
*†§McGowan, Jno. H. Co. (Pumping & Tobacco Mach'y & Brass & Iron Fdrs., etc.), 54 Central av
*McKeown, H. J. (Machinist & Hoisting Mach'y), 612 E Front
*MacLeod, Walter & Co. (Paint Spraying Machines, Air Compressors, etc.), 457 E Front
*†Merrie Hugh (Plumbing Goods), 226 E 9th
*§Messmer, Andrew Co. (Brass Fdrs. & Finishers), Patterson & Bank
*Metzger, J. Mfg. Co. (Machinists), 2165 McLean av
*Meyer Machine Co., 212 Wade
*§Michaels, Lewis (Brass Fdry. & Finisher), 216 W Pearl
*Miles, C. W. (Machinist & Model Maker, etc.), 1670 Central av
*Miller, Du Brul & Peters Mfg. Co. (Cigar & Cigarette Mach'y, etc.), 507 E Pearl
*†Miller, L. J. (Corn & Cob Mill), 1233 Harrison av
*†Miller, Wm. Range & Furnace Co. (Ranges, Furnaces, etc.), 125 E 5th
*†Monarch Fdry. & Machine Co. (Iron Fdrs., etc.), 1726 Powers
†Morris, Jno. B. Foundry Co. (Iron Fdrs. & Machinists, Light Mach'y & Castings, etc.), 933 Harriet
*†Mowry Car Wheel Works (Car Wheels & Iron Castings), 2401 Eastern av
*Mueller Machine Tool Co. (Machine Tools), 216 W Pearl
*§Murdock, J. G. & Co. (Brass Fdry. & Finisher, Plumbers' Brass Goods), 426 Plum
*§National Brass Mfg. Co. (Furniture & Hearse Trimmings, etc.), 1115 Marshall av
*National Machine Tool Co. (Key Seat Millers, etc.), 2008 Lawrence
*†Newman-Kuhn Mfg. Co. (Brass Beds & Window Fixtures, etc.)
*§Nichol, Thos. J. & Co. (Brass Fdrs. & Finishers' Plumber Goods), Pearl & Ludlow
*Norton & Cole Machinery Co., Perin bldg
†Norwood Foundry, Forest av & C. L. & N. R. R., East Norwood
†Oberhelman, J. A. Foundry Co. (Iron Fdry.), Harrison av & Buck
*†**OBERMAYER, S. CO. (Sand** Molding), 647 Evans. (See adv. index, end of book)
*Oesterlein Machine Co. (Machine Tools, etc.), Elm & Garrard av
§Ohio Brass Foundry (Brass Fdrs. & Gun Metal & Bronze Castings), 207 Ludlow
*Ohio Knife Co. (Machine Knives, etc.), 9th & McLean av
Parks Ball Bearing Machine Co. (L. F. Parks, Prop.), (Woodworking Mach'y, etc.), Knowlton & Fergus
*Parks, L. F., Knowlton & Fergus
*†Peck-Hammond Co. (Hot Air Furnaces, etc.), 124 E Pearl
*†Peck-Williamson Heating & Ventilating Co. (Iron Fdrs.), 335 W 5th
*§Pfau Mfg. Co. (Plumbing Supplies), 536 Reading rd
*Pfister, Herman (Engineering & Surveying Instruments, etc.), 428 Plum
†Phoenix Iron Foundry, 819 Wade
*Pocock, Oliver (Sheet Metal Workers' Mach'y & Tools), 1042 Harriet
*Post-Glover Electric Co. (Electric & Elec. Railway Specialties), 314 W 4th
*†§Powell, Wm. Co. (Steam & Engineering Specialties & Brass Fdrs.), 2525 Spring Grove av
*Preslar-Crawley Mfg. Co. (Core Drills, Gas Engines, etc.), 219 W 2d
Queen City Forging Co. (Carriage Hdw. etc.), Tennyson & Dumont
*§Queen City Brass & Iron Works. (See Rob't Hesterberg & Co.), Spring Grove & Garrard av
†Queen City Foundry Co., Spring Grove av
*Queen City Machine Tool Co. (Machine Tools), Sycamore & Webster
*Rahn, Mayer, Carpenter Co. (Machine Tools), Spring Grove av & Garrard av
*Randall & Co. (Harness & Horse Collar Machinery), 802 W 6th
*†Randle Machinery Co. (All Kinds of New & Second Hand Re-Built Machinery), Cumminsville
*Rechtin, Louis E. & Bro. (Woodworking Mach'y), 412 E Pearl
*Reedy, H. J. Co. (Elevators), 65 Elm
*†Resor, William & Co. (Stoves, etc.), C. H. & D. Ry. No. of Gest
Rich Pump Co. (Pumps), 617 Carr
*§Ritcher & Co. (Brass Fdrs. & Finishers, Plumbers' Brass Goods), 210 E 9th
§Riegler, Alex., 316 Perry
*Robinson, J. M. Mfg. Co. (Sheet Metal Workers & Tools), 3125 W 2d
*Roos & Mill (Machinists & Manchinery), 2008 Central av
*Ross-Moyer Mfg. Co. (Boot, Shoe & Harness Machinery), 634 Sycamore
*Schacht Mfg. Co. (Mach'y Specialties), 2727 Spring Grove av
*Schellenbach & Radcliffe, 211 E 9th
*Schriver, O. P. & Co. (Hardware, etc.), 214 Elm
*§Schroder, J. B. & Co. (Builders' Hardware, etc.), 133 E 5th
*†Schreiber, L. & Sons Co. (Structural, etc.), 8th & Eggleston av
*†Schulte, Jno. H. & Co. (Stoves & Steel Ranges), 2619 Colerain av
*Schumacher & Boye (Machine Tools), 2245 Spring Grove av
*Sebastian Lathe Co., P. O. Box 729
*Shepard Lathe Co. (Machine Tools), 131 W 2d
*Sicking, Bernard, 1918 Freeman av
*Silk, P. P. Machine Tool Co. (Machine Tools), 415 E 2d
*Simmons & Kupferle (Machinists), 423 E Front
*Smith, Myers & Schnier (Steam Engines, Saw Mills, etc.), 621 W Front
*Smith & Mills (Machine Tools, Crank & Geared Sharpers, etc.), Spring Grove av & Township
*Smith, Myers & Schnier Co., 621 W Front
*Standard Electric Co. (Telegraph & Telephone Instruments), 113 W 3rd

Standard Iron Split Pulley Co., 128 W 3rd
*Steigert, Leopold (Machinist), cor Elder & Logan
*Stenger, Fred, 1333 Main
*Steptoe, Jno. Shaper Co. (Machine Tools, Shapers, etc.), 2949 Colerain av
†Sterling Foundry Co. (Fdrs. & Machinists), 940 W 5th
*Stewart Electrical Co. (Dynamos, etc.), 311 E 5th
*†Stewart Iron Works Co. (Castings & Builders' Iron Work), 716 E 3d
*Straub Machinery Co. (Flour Mill Mach'y, etc.), 1956 W 6th
*Streit, A. Machine Co. (Machine Tools), 1110 Harrison av
*Stuebing, Wm. & Co. (Machinists), 23 Gano
*†Tatum, Saml. C. Co. (Gray Iron Castings, Copying Presses, Binders & Printing Machinery), 414 W Water
*Towsley, Jno. T. Mfg. Co. (Woodworking Machy, etc.), Evans N of Gest
*Trautman, J. A. & Co. (Machinists & Millwrights), 322 W 3rd
*†Triumph Electric & Ice Machine Co. (Ice Machines, Dynamo & Motors, etc.), 610 Baymiller
*Tucker Machine Co. (A. P. Tucker, Prop.), (Tool Grinders, etc.), 224 E 9th
*Union Light & Heat Co. (Gas Machines & Stoves, etc.), 3 Masonic Temple
*†Van, Jno. Range Co. (Stoves, Ranges, etc.), 419 Elm
Vandewalle, Chas. & Co., Mt. Echo nr 6th
*†§Vanduzen, E. W. & Co. (Pumps, Bell Fdrs., Gongs & Brass Castings), 428 E 2d
§Varwig Mfg. Co. (Brass Fdrs.), 713 W Court
Victor Safe & Lock Co. (Safes, Bank Vaults, etc.), 320 E 8th
*Von Wyck Machine Tool Co. (Machine Tools), Elmore & C H & D R R
†Vulcan Foundry Co. (Iron Fdrs. & Machine Tool Castings, etc.), 1984 Central av
Walton Iron Co. (Bldrs.' Iron Work, etc.), Spring Grove av & Monmouth

***WARNER ELEVATOR MFG. CO.** (Electric & Hydraulic Elevators), Spring Grove av & Alfred. (See adv. index, end of book)

*Watkins, F. M. Mfg. Co. (Gas & Gasoline Engines, Laundry Machinery, etc.), 6th & Baymiller
*Watkins Laundry Machinery Co. (Laundry Machy), Spring Grove av & Alabama
*†Weir Frog Co. (Frogs, Switches, Crossings, etc.), Beach & Highland av, Norwood
†Wessling Bros. (Iron Fdrs.), McLean & Sherman avs
*Western Automatic Machine Co. (Slot Machines), 1012 Mercantile Library bldg
*Willard Machine & Tool Co. (Machinists), Pearl & Ludlow
*Wolf Electrical Promoting Co. (Cloth Cutting Machinery), 810 Main
*Wolff Machinery Co., 1080 Walnut
*Woodruff, Wm. N., Jr., 2125 Colcrain av
*Wooley, R. C. (Machinist), 721 Main

CIRCLEVILLE—*†McEwing, Jno.

CLEVELAND—*A. & C. Mfg. Co. (Elec. & Water Motors), 80 Seneca
*Abbott Eugene B. (Electrical Appliances), 41 Amesbury
§Acme Brass Works, 55 Herald
†Acme Foundry Co. (Fine Light & Medium Gray Iron Castings)
*Acme Machinery Co. (Bolt & Nut Machy), St. Clair & Belden
*§Adams-Bagnall Electric Co. (Arc Lamps, etc.), Stanton & C & P R R
*†Ajax Mfg. Co. (Bolt & Nut Machy), Lake & Wason
*Allright Mfg. Co. (Gas & Gasoline Stoves), 190 Superior. Factory, Ilmstead Falls, O.
§Allyne Brass Fdry Co. (Brass Fdrs., Aluminum, Brass & Bronze Castings), Schiely Ct nr E Prospect & C. & P. R. R.
§Aluminum & Bronze Casting Co. (Brass, Bronze & Copper Fdrs.), 1174 Hamilton
*American Ball Bearing Co. (Ball Bearings, etc.), Edgewater Park at L. S. & M. S. Ry.
*§American Brass Mfg. Co. (Brass Finishers, etc.), 97 Woodland av
*§American Bronze & Brass Co., Swecney nr Willson av
*†American Fork & Hoe Co. (Forks, Hoes, etc.), American Trust bldg
*†American Foundry & Machine Co., Williamson bldg
*American Machine & Mfg. Co. (Machinists, etc.), 972 Hamilton
*†American Range & Foundry Co.
*†American Ship Building Co. (Ship & Engine Builders), 120 Viaduct
*†American Steel & Wire Co. (See Chicago)
*†American Stove Co. (Steel Ranges & Gas, Gasoline & Oil Stoves), Perkins av & C & P R R. See St. Louis, Mo.
*Anderson, V. D. Co. (Dryers, Tanks, Steam Traps, etc.), Landon & Nickel Plate R R
†Atlantic Foundry Co. (Iron Fdrs., etc.), Morgan av, Erie R. R.
*Atlas Bolt & Screw Co. (Cars, Bolts, etc.), Marquette opp Hamilton
*Automatic Stamping Machine Co. (Machinists), 20 Noble
*Baker-Resek Co. (Machine Tools, etc.), 261 Quincy
§Bankers' Adding & Recording Machine Co., 160 Barrett
*Bardons & Oliver (Machine Tools, Turret Machines, etc.), 20 Water

***BARTLETT, C. O. & SNOW CO.** (Cement, Oat Meal & Paint Machy., etc.) (See adv. index, end of book)

*Benson, Arza M. (Barrel & Stave Machy), 1135 Central av
*Berkshire Mfg. Co. (Power)
*§Bishop & Babcock Co. (Brass Fdrs., Pumps, Air Compressors, Faucets & Brass Goods, etc.), Hamilton & Kirtland
*Bissett, Elder, 6 Eastdale
*Bissonett, Edw. (Machinist), 164 Bank
†Blakeslee Foundry Co. (Iron Fdrs.), 1158 Lake
*Blenkhorn, C. W. (Machinist), 1275 Euclid av
*Bollinger & Rieley (Machinists), 44 Columbus
*Bomgardner Lowering Device Co. 19 Bright
*†Born Steel Range Co. (Steel Ranges & Cooking Apparatus), 1984 Pearl
†Bowler Foundry Co. (Iron Fdrs.), 14 Winter
*Brew-Hatcher, 36 Columbus
*Bright, H. V. (Turnstiles, Ticket Canceling Machines, etc.), 66 Clarkwood av
*†Brightman Furnace Co. (Iron Fdrs), 648 B'way
*Brightman Machine Co. (Machinists, etc.), Quincy at C. & P. R. R.
†Broadway Foundry, 13 S Dille
†Brooks, T. H. & Co. (Iron Fdrs. & Bldrs.' Iron Work), 950 Lake
*§Brookside Brass Foundry & Mfg. Co. (Brass Fdrs. & Finishers), 21 Selzer
§Bronson-Walton Co. (Hardware Specialties. Coffee Mills. etc.), 119 Shore Line

***†BROWN HOISTING MACHINERY** Co. (Coal & Ore Handling Machinery, etc.), 1343 St. Clair. (See adv. index, end of book)

***BROWNING ENGINEERING CO.** †Cranes, etc.) (See adv. index, end of book)

§Buckeye Brass Foundry Co., 281 W River
*Bultman, F. H. & Co. (Gear Cutting Machines, etc.), 131 Viaduct
*Burke Machinery Co., 5 Power
*Burton & Johnson (Machinists), 107 W Center
*Cady, Franklin P. (Chain & Wire Forming Machinery, etc.), 1227 Euclid
*Carter, Wm. D., 24 Frankfort
*§Central Brass Mfg. Co. (Brass Fdrs. & Finishers, Plumbing Goods), 735 Cedar av
*Champion Steel Range Co. (Steel Ranges, etc.), 131 Viaduct
*Chandler & Price Co. (Printing Presses & Machy), 82 E Prospect
*Chase Machine Co. (Gasoline & Hoisting Engines, Fog Whistles, etc.), 111 Elm

***CHICAGO PNEUMATIC TOOL CO.** Pneumatic Tools). 1356 Lake. See Chicago Chisholm, Wm. & Sons (Coal & Ore Handling, etc.), 358 Case av. (See adv. index, end of book)

***†CHISHOLM & MOORE MFG. CO.** (Castings, Chain Hoists, etc.), Lake nr Kirtland. (See adv. index, end of book)

§City Brass Foundry Co., 1430 Superior
†City Foundry Co. (Castings up to 40 ton), 1151 Hamilton
*City Machine Co. (Special Machy), 31 Michigan
*Cleveland Armature Works, Coe & Hamilton
*Cleveland Automatic Machine Co. (Automatic, Chucking, Screw Machines, etc.), 131 2d av
*Cleveland Block Co. (Malleable Iron Tackle Blocks), 94 River
§Cleveland Brass Works (Brass Fdrs.), 226 Abbey
*§Cleveland Brass & Iron Bedstead Co., 152 Merwin
*§Cleveland Bronze & Brass Works (Brass Fdrs. & Plumbers' Brass Goods), 1138 Hamilton
*Cleveland Car Co. (Brick & Cement Machy, etc.), Lorain St. L. S. & M. S. Ry.
†Cleveland Chaplet & Mfg. Co., Gordon at L. S. & M. S. Ry.
*Cleveland City Forge & Iron Co., Case & Lake
*†Cleveland Co-operative Stove Co. (Stoves) Baden av, S E c Central av at C. & P. R. R.
*§Cleveland Faucet Co. Brass Fdrs., Faucets, Air Compressors, Pumps, etc.), 21 Frankfort
†Cleveland Foundry Co. (Oil & Gas Stoves, etc.), Platt & C. & P. R. R.
*Cleveland Frog & Crossing Co. (R. R. Frogs, etc.), Bessem & C. & P & Erie R.R.
*Cleveland Gas Meter Co. (Gas Meters, etc.) 42 Glendale av
*§Cleveland Gas & Electric Fixture Co. 78 Seneca
Cleveland Gear Works (Inc.) (Gears), 35 Michigan
*†Cleveland Hardware Co. (Founders & Hardware), Lake, Belden & Kirtland
*Cleveland Machine Knife Co., 5 West
*Cleveland Machine & Mfg. Co. (Machine Tools & Forgings), 1198 Hamilton
*Cleveland Pneumatic Tool Co. (Pneumatic Tools)
*Cleveland Punch & Shear Works Co. (Punching & Shearing Mach'y, etc.), 156 Case av
*Cleveland Sheet & Structural Co., 55 Gordon av
*Cleveland Steam Gauge Co. (Steam Gauges, etc.), 106 Merwin
†Cleveland Steel Casting Co., Burlington & Hubbard
*Cleveland Steel Range Co. (Steel Ranges, etc.), Detroit & State
*Cleveland Twist Drill Co. (Twist Drills, etc.), Lake & Kirtland
*Clough & Witt Machine Co. (Machinists), Leonard & Winter
*Cobb, Wm. B., 53 Vermont
*§Colonial Brass Co. (Brass Fdrs. & Finishers, Brass Goods for Alc& Beer, etc.)
*†Columbian Hardware Co. (Hdw. & Specialties), Coe & Hamilton
*Commercial Engraving & Machinery Mfg. Co., 124 Champlain
*Converse Mfg. Co. (Typesetting Machines), Society for Saving bldg
Cooper, Geo. & Co. (Carriage Springs, etc.), Western Reserve bldg
*Crown Dryer Co. (Drying, Heating & Calsinging Machy), New England bldg
*Cummer, F. D. & Son Co. (Asphalt, Brick machy, etc.), The Arcade
*Cuyahoga Boiler Works, 51 Main
*§Daykin Bros. (Pumps), 383 Pearl
*Dornbirer, Jas. G. (Machinists), 1260 Superior
*†Duplex Mfg. Co. (Catch Basins & Sewer Castings), New England bldg
*Dyer, E. H. & Co. (Sugar Machy), New England bldg
†East End Foundry Co., 155 E Madison av
*†Eberhard Mfg. Co. (Saddlery Hdw. & Specialties), Tennyson & C & P R R
*Eclipse Car Fender Co. (Car Fenders, etc.) 267 St Clair
*Eclipse Machine Co. (Machinists), 267 St St Clair
*Edmonds Elevator Co. (Elevators), 144 Champlain
*Electric Controller & Supply Co. (Magnetic Clutch Drives), Central & Giddings avs
*Elliott Bros. Electric Co. (Dynamos, etc.), 970 Hamilton
*Elliott, S. K. (Electrical Machy), 185 Champlain
*Ellsworth Bros. Co. (Soda Fountain, etc.), 1813 Superior
*Elwell-Parker Electric Co. (Generators & Motors, etc.), 1066 Hamilton
*§Empire Brass Mfg. Co. (Brass Fdrs. & Finishers, Plumbers' Goods), 181 Lake av
*†Empire Plow Co. (Plows), Tod & Roland
*Eureka Machine Co. (Brewers' & Malsters' Machinery). 961 Scranton av
*Ervin Machine & Stamping Co., 19 Michigan

*Evers Iron Works (Machinists, etc.), 63 S Water
*Excelsior Electric & Mfg. Co. (Electric Specialties), 404 Superior
†Fanner Mfg. Co., Pearl st, Bkln.
*§Farnan Brass Works (Brass Fdrs. & Finishers, Steam & Plumbing Goods), 23 Center
*†Ferrosteel Co. (Hot Air Registers, etc.), 34 Michigan
Fitzsimons & Co. (Polished Steel Shafting, etc.), 626 B'way
*Fix's, S. Sons (Steam, Flue Welding, etc.), Leonard & Winter
*Foote, Burt & Co. (Machine Tools), 1301 St Clair
*§Forest City Brass Works (J. V. Kennedy, Prop.) (Plumbers' & Steam Fitters' Brass Supplies), 90 Merwin
*§Forest City Electric Co. (Electric Specialties), 111 Windsor av
*†Forest City Fdy. & Mfg. Co. (Small Castings, Foundry Lamps, etc.), Winslow, Sycamore, Elm & Main
*Forest City Machine Works, Gordon av at L. S. & M. S. Ry.
*†Forest City Brass Works (Plumbers' & Steam Fitters' Brass Supplies)
*Foss Novelty Co. (Slot Machines), 45 Sheriff
*Francis, A. E. (Engraving Machines), 780 Cedar av
*Franke, H. Steel Range Co. (Steel Ranges, etc.), 1911 Harvard
*Frazer Machine Works, 14 Franklin
†Fulton Foundry Co. (Iron Fdrs.), Marquette & L. S. & M. S. Ry.
*Gardner Electric Drill & Machinery Co., Stanton & C. & P. R. R.
*Garry Iron & Steel Co. (Pneumatic Cranes, etc.), Coe & Lake
*§Gas Fixture & Brass Co., 114 Sheriff
*Gas Machinery Co. (Gas House Mach'y), Collinwood
*Gerlach, Peter Co. (Barrel & Shingle Mill Machinery, etc.), 28 Columbus
*Gibson, J. L. (Beer Pumps & Drawing Apparatus), 212 Seneca
*§Glauber Brass Mfg. Co. (Brass Fdrs. & Finishers, Plumbing Goods), 1643 Superior
*Globe Machine & Stamping Co. (Special Machy, Dies & Tools), 970 Hamilton
§H. & M. Brass Foundry Co., 1174 Hamilton
*Hagadorn, F. H. (Machinist), 137 Superior
*Harris Mfg. Co. (Acetylene Gas Generators, etc.), 40 Norman
*Hart Mfg. Co. (Stocks & Dies, etc.), Wood & St Clair
*Hartz, Henry V. & Co. (Special Machy, etc.), 89 2d av
*Hewitt, E. A. & Co. (Machinists), 49 Wood
*Hill Clutch Co. (Clutches & Power Transmitting), ft of Waverly av
*†Hoffman Hinge & Foundry Co. (Gray Iron, etc.), Hubbard. Porter & Burlington
*Hohlfelder, F. (Machinist, etc.), Gordon av & L. S. & M. S. R. R.
*Homer Commutator Co. (Commutators & Machinists), 108 Mason
*Horsburgh & Scott Co. (Gears & Pinions, etc.), 1246 Hamilton
§Hunger & Scheidegger (Brass Fdrs.), 31 Champlain
*Hunt & Dorman Mfg. Co. (Tin, Sheet Iron, Brass & Copper Work, etc.), 15 Bright
*Industrial Machine Works, 12 Frankfort
†Interstate Foundry Co. (Light & Heavy Castings), C. & P. R. R. cor Sheridan
*Jackson, C. E. & Co. (Machinists), 702 Seneca
†Johnston & Jennings Co. (Castings, etc.), E Madison av & L. S & M. S. Ry.
*Kaltenbach & Griess (Cranes. etc.), Williamson bldg
§Katz, A. B. (Brass Fdry.), 55 Herald
*†Kilby Mfg. Co. (Nail, Wire, Rolling Mill & Sugar Machinery. Heavy Castings, etc.), Lake & Kirtland
*Kimball Elevator Co. (Elevators, etc.), 47 Vincent
*King Bridge Co. (Coal & Ore Handling Machy), St Clair head of Ruskin
*Kirk, Latty Mfg. Co. (Bolts, Screws & Children's Steel Express Wagons & Velocipedes, etc.), Malcolm & Nickel Plate R. R.
*Knight, J. C. & Son, 42 Glendale
*Konigslow, E. Stamping & Tool Works (Dies. etc.), 184 Champlain
*Konigslow, Otto (Sheet Metal Stamping, etc.), 45 Michigan
*Laganke, Robt. F. (Machinist), 178 Huron
*Lane Tool Co. (Machine Tools & Steam Hammers), 1196 Hamilton
Langenau Mfg. Co. (Brass & Iron Hdw. Specialties), Franklin opp. Lowell
*Lincoln Electric Co. (Dynamos & Motors), 71 Ontario
*Locw Supply & Mfg. Co. (Bottlers' Machinery & Water Filters), Madison av & Kilburn
*Long-Arm System Co. (Ship Fittings, etc.) Lake & Wason
*Lord, Bowler & Co. (Stone Working & Wood Extract Machy, etc.), 33 Centre
*Lucas Machine Tool Co. (Machine Tools, etc.), Robison av at L. S. & M. S. Ry.
*McClellan Bros., 23 Michigan
*†McMyler Mfg. Co. (Quarry & Contractors' Machinery), bet Leonard & Voltaire
*†Macbeth Iron Co. (Iron, Steel & Brass Castings, etc.), W Center c Winslow
*Machinery Forging Co., Hamilton nr Marquette
†Madison Avenue Foundry Co. (Light & Heavy Machinery Castings, Grate Bars, Columns, Sewer Castings, etc.), 155 E Madison
*†Maher Wheel & Foundry Co. (Car & Engine Wheels, R. R. Machy & Castings), 20 Carter
*Manning Machine Co. (Machinists, etc.). 100 Merwin
*Marty, John M., 59 S Water
*Mather & Waechter (Machinists), 50 High
*Medric Co. (Machinists), The Arcade
*Meriam-Abbott Co. (Dynamos & Gas Engines), 60 E Prospect
Miller Chemical Engine Co., 3 S Water
*Moll, Wm., 57 Center
*§Monarch Brass Co. (Plumbers' Brass Goods), 1120 Payne av
*§Morreau Gas Fixture Mfg. Co. (Gas & Elec. Fixtures)
*Murphy & Donnelly Boiler Co., 123 Elm
*National Acme Mfg. Co. (Screen Machines) Stanton & C & P R R
*National Brass Works Co. (Brass Goods), 20 Noble
*†National Car Wheel Co. (Car Wheels & Iron & Brass Castings)
*National Computing Scale Co. (Computing Scales), 233 Bank
*National Malleable Castings Co., 92 Platt
*National Safe & Lock Co., 13 Craw av
*North Electric Co. (Switch Boards & Telephone Supplies), 149 St. Clair
*O'Donnell Elevator Co. (Elevators), 18 Johnson
*Ohio Blower Co. (Blowers, etc.), 43 Michigan
*§Ohio Brass & Iron Mfg. Co. (Brass Fdrs. & Finishers, Plumbers' Goods), 1199 Franklin av
*Ohio Ceramic Engineering Co. (Brick & Clay Machinery), L. S. & M. S. Ry.
*Ohio Electric Works (Dynamos, etc.), 76 Ellen
*Ohio Forge Co., Blackstone bldg
†Ohio Foundry Co. (Iron Fdrs.), Giddings av & C. & P. R. R.
*Oran, Jno. S. (Barrel, Stave & Heading Machy), 160 Coe
*Ord, Chas. E., City View av, S Bkln.
*Osborn Mfg. Co. (Hdw. Specialties & Foundry Supplies), 1331 Hamilton
*Oster Mfg. Co. (Pipe Cutting & Threading Machines), 85 E Prospect
*†Otis Steel Co. (Steel Castings, etc.), Lake & Lawrence
*†§Palmers & De Mooy Foundry Co. (Grey Iron & Brass Castings & Machine & Brass Pattern Shop), Leonard & Winter
*†Peck, Stow & Wilcox Co. (Hardware & Machinery), 776 Seneca
*§Peerless Motor Car Co., Lisbon st
§Pegg, Jas. (Brass Fdry.), 161 Alger
*Pettifer, Thos. & Co. (Machinists), 40 Sheriff
*Pittsburg Dryer Co., 50 Fall
†Pittsburg Valve Foundry & Const. Co., 654 Rose bldg
*†Raincy, W. J. Works, Mt. Braddock, Pa.
*Reade Machinery Co. (Punching & Shearing Machy.), Cham. of Com.
*Reliance Machine & Tool Co. (Machine Tools, etc.), 31 W Center
*Resek Co. (Metal Sawing Machines & Machine Tools), Quincy & Craw av
†Riverside Foundry Co. (Iron Fdrs), 26 Carter
*Round, David & Son (Hoisting Machy). 2285 B'way
*Ruefly, Louis (Machinist), 421 Columbus
*§Russ, A. E. Mfg. Co. (Anvils, Vises, Drills), 87 Wade Park av
*§Sanitary Co. (Brass Fdrs. & Finishers, Plumbing Goods), 5 Water
*Sawyer Gear Works, 227 St Clair
*†§Schneider & Trenkamp Co. (Gas Ranges, Brass Fdrs., etc.), 479 Case av
§Schroeder, Carl, 48 Lyman
*Scott Machine Works (Machinists), 26 Michigan
†Semi-Steel Co., New England bldg
*Smith, W. A. & Co. (Hot Air Furnaces), 120 Champlain
*Snider-Hughes Co. (Pumping), Sheridan & C. & P. R. R.
*Specialty Machine Co., 61 Middle
§Standard Brass Foundry Co. (Brass Fdrs.), 1155 Giddings av
*†Standard Car Wheel Co. (Car Wheels), Bessemer av nr Tod
*†Standard Foundry & Mfg. Co. (Light Grey Iron Castings, etc.), 99 Herald
*Standard Pump & Engine Co. (Gas & Gasoline Pumping Engines)
*†Standard Register & Mfg. Co., 117 Herald
Standard Steel Range & Mfg. Co., 117 Herald
*Standard Tool Co. (Twist Drills, etc.), 1260 Central av
*Stovering, John B., 38 S Water
†Superior Foundry Co. (Iron Fdrs), Echo nr Union
*†Taylor & Boggis Foundry Co. (Iron Fdrs), 521 Seneca
*Topliff, I. N. Mfg. Co. (Carriage Hdw., etc.), 85 E Prospect
*†Tyler, W. S. Co. (Foundry & Iron & Brass & Wire Work), 1150 St Clair
*Ulmer, J. C. & Co., 224 Champlain
*Union Machine & Boiler Co. (Steam Engines, etc.), 108 River
*§United Brass Mfg. Co., 958 Hamilton
*§United States Bronze Co., 149 Columbus
†U. S. Cast Iron Pipe & Foundry Co., ft of Alabama
*†Van Dorn Iron Works Co. (Structural & Cast Iron Work), 1793 E Madison av
*Van Dorn-Elliott Electric Co., 1796 E Madison
Vare, Thos. W. (Hardware Mfr., etc.), 781 Lake
*†Variety Iron Works Co. (Rolling Mill Machinery, Castings, etc.), Case av & Hamilton
*Waldeck, Anthony (Wire Dies, etc.), 2283 B'way
*†Walworth Run Foundry Co. (Warm Air Registers, Hdw. Specialties & Gray Iron Castings), 883 Empress
*Ward Machine Co. (Marine Work a Specialty), 19 Michigan
*Warner & Swasey Co. (Machine Tools, etc.), 55 E Prospect
*Weber, L. A. & Co. (Brass Goods, etc.). 48 Sheriff
*†Wellman-Seaver-Morgan Co. (Rolling Mill, Mining, Coal & Ore Handling & Hoisting Machinery, Corliss Engines, etc.), 1298 Central av c Giddings
*Werner, Emil (Machinist), 49 Wood
*†Westinghouse Electric & Mfg. Co., ft of Waverly av. See Pittsburg, Pa.
*†White Sewing Machine Co. (Sewing Machines, Automobiles, etc.), 23 Rockwell
*Williams-Abbott Electric Co., 10 Columbus
*Winslow Voting Machine Co. (Voting Machines), 283 St. Clair
*†§Winton Motor Carriage Co. (Automobile Builders)
*Worden Tool Co. (Machine Knives, Edge)

COLLINWOOD — *BROWNING ENGINEERING Co. (Cranes, Hoists, etc.) See adv. index, end of book)
*Kuhlman, G. C. Car Co. (Electric Car Builders)

COLUMBIANA—*†Columbiana Pump Co. (Steam Pumps, etc.)
*†Enterprise Mfg. Co. (Feed Mills & Saw Mills, etc.)

COLUMBUS—*Bauer, A. G. (Machinist), 376 S 3d
*Brown, Hinman & Huntington Co. (Corn & Cotton Planters, Agl. Implts., etc.), 198 N Scioto
§Buckeye Brass Foundry Co. (Brass Fdrs.), 115 Vine
*Capital City Machine Works (Riveting Machines, etc.), 118 W Spring
*†Case Mfg. Co. (Cranes & Flour Mill Mach'y, etc.), Curtis av nr Lexington av
*Central Supply & Const. Co., 306 N High

*†Chase Foundry & Mfg. Co. (Iron & Brass Fdrs. & Machinists, Grey Iron Castings, Force & Lift Pumps), Parsons av & H. V. R. R.
*§Columbus Brass Co. (Brass Fdrs. & Finishers, Plumbing Goods), 94 N 6th
*†§Columbus Carriage Hardware Co. (Brass Fdrs. & Carriage Hardware), 155 N Grant av
*Columbus Elevator & Iron Co. (Elevators, etc.), 161 N Wall
*Columbus Forge & Iron Co. (Machinists & Forging), ft of W 1st av
*†Columbus Foundry & Machine Co. (Concrete Mixers, etc.)
*†Columbus Hollow Ware Co., Ohio Penitentiary
*†Columbus Machine Co. (Gas Engines, etc.), 223 W Broad
†Columbus Malleable Iron Co., Curtis & Lexington avs
*†Columbus Plow Co. (Plows, etc.), 37 W Mound
*Columbus Pneumatic Tool Co., Parsons av bet Oak & Franklin av
*Columbus Screw & Machine Co., 244 Kaiser
†Columbus Skein & Iron Co.
*Columbus Steam Pump Works Co. (Steam Pumps, 85 W Broad
†Columbus Stove Co. (Stoves & Ranges), 310 Dublin av
*Eaton Machine Works (Repair Work of all Kinds), 98 W Broad
*Eclipse Machine Co., 955 S High
*Edwards, W. H., 631 E Main
*Elk Heater Mfg. Co. (Gas Heaters), 181 W Maple
*§Federal Mfg. Co. ((Brass Fdrs. & Finishers & Electro Platers, Arc Gas Lamps, etc.), 162 Long
†Gluth, Wm. C.
*§Hallwood Cash Register Co.
*†Hayden, P. Saddlery Hardware Co. (Iron Fdrs., Saddlery Hardware & Castings, etc.), 112 W Broad
*§Hearn. J. C. (Brass Fdry., etc.), 115 Vine
*†Hertenstein, M. Co. (Stoves), 1409 S High
*Hoover, J. B. (Machinists & Surgical Instruments), 621 N 4th
*†**JEFFREY MFG. CO. (Elevating** & Conveying, Grain Elevator Appliances, Mining, Phosphate Mill, Power Transmission, etc.), E 1st av & Big Four R. R. (See adv. index, end of book)
*†Kilbourne & Jacobs Mfg. Co. (Plows, Trucks, Carts & Road Scrapers, etc.), 560 N 4th
*†Kinnear Mfg. Co. (Rolling Steel Shutters, etc.)
*Leukart, Jacob (Machinist), 40 E Columbus
*§Lilley, M. C. & Co. (Regalia & Lodge Supplies)
*Loudenslager, H. Foundry Co., 465 S Canal
*Lowe Bros. (Machinists), 38 W Town
*†McDonald Bros. (Iron Fdrs. & Machinists, Sewer Castings, etc.), 108 Liberty
Midgley Mfg. Co. (Steel Tubular Wheels, etc.) , 200 W Mound
*Morris, C. E. & Co. (Elevators & Bldrs. Iron Work, etc.), 3d & Naghten
*Nye, C. G., 22 W Mound
*O'Brien Bros., 276 W Main
†Ohio Malleable Iron Co.
*§Ohio Pump & Brass Co. (Air Pumps, Brass, Bronze & Aluminum Castings), Oak & 18th
*Ohio Tool Co. (Tools, etc.), 63 N Scioto
Ohlen, Jas. & Sons Saw Mfg. Co. (Saws, etc.), West End, Buttles av
*Paulton, Edwin, 15 S Scioto
*†Peerless Stove & Range Co. (Stoves & Ranges), 310 W Dublin av
*†Rarig Engineering Co. (Engines, Compressors, Rolling Mill Mach'y, etc.), s s 5th av nr Alum Creek
*Reeves Bros., Broad & Levee
*Roberts, O. G. & Co., 152 N 9th
*Robinson & Tilton Mfg. Co., 515 W 1st
*Rockey, D. R. & Son (Pumps), 275 E Main
*Schreyer, Gottlieb (Stoves & Patent Axle Skeins), 210 W Broad
*Seagrave Co. (Fire Dept. Apparatus), High nr H. V. R. R.
†Shilling Foundry Co. (Iron Fdrs.), Henry & Poplar av
†Simpson Iron Co. (Iron Fdrs. & Machinists), West End Buttles av
*Smith & Williams (Machinists), 149 W State
*Standard Candy Machine Co. (Confectioners' Machinery)
*Sun Mfg. Co. (Cash Registers & Coffee Mills, etc.)
*Taylor, J. C. (Steam Pumps), 313 W Broad
*Tucker, J. P., 312 S 3d
†United States Cast Iron Pipe & Foundry Co. (Cast iron Pipe), ft of W Goodale. (See New York)
United States Wringer Co., 224 Niel
*Variety Iron Works, 447 N 4th
*Weiman Machine Works (Machinists), 21 N Scioto
*Woehlert, C. F. (Machinist), 312 S 3d
*Young Repeating Arms Co. (Repeating Guns, etc.), 272 N 4th
§Zinn, C. E., 19 S Scioto

CONNEAUT—*Webb, W. H. (Machinist)
CORNING—†Richardson, Jno. (Iron Fdry., etc.)
COSHOCTON—*Coshocton Machine Mfg. Co. (Machinery)
*†Hay, Houston Axle Co. (Carriage Axles, etc.)
*†Keagy & Lear Machine Co. (Carriage Axles & Special Machinery)
*†King, W. H. (Fdry. & Machinist)
CRESTLINE—*†Burch Plow Works Co. (Plows, etc.)
*†Crestline Mfg. Co. (Seamless Brass Pump Cylinders, etc.)
*†Schill Bros. Co. (Steel Ranges, Furnaces, Castings, etc.)
CRIDERSVILLE—*Bloom-Kloeb Mfg. Co. (Electric Specialties, etc.)
CUYAHOGA FALLS—Falls Hollow Staybolt Co. Staybolts, etc.)
*†Falls Rivet & Machine Co. (Power Transmitting Mach'y, etc.)
*†Turner, Vaughn & Taylor Co. (Brick, Cement, Chain, Rubber, Wire Mach'y, etc.)

DAYTON—*Amer, Fred C. (Machinist)
*†Barney & Smith Car Co. (Cars & Car Wheels, etc.)
*Bates, D. L. & Bro. Co. (Electric Fans & Motors, etc.)
*Booher Machine Works, 345 S William
*Boyer-Radford Mfg. Co. (Ratchet Screw Jacks, Traction Engines, etc.)
*†Brownell Co. (Engines, Saw Mills, etc.)
*†§Buckeye Iron & Brass Works (Brass & Iron Fdrs. & Oil Mill Mach'y)
*†Callahan, W. P. & Co. (Iron Fdrs. & Engines, Ice Machines & Oil Mill Mach'y, etc.)
*†Cast Steel Plow Co. (Plows, etc.)
*Computing Scale Co. (Computing Scales)
*†Craig-Reynolds Foundry Co. (Iron Fdrs. & Machinists, Furnaces, Heaters, etc.)
*Cunningham, Jno. (Elevators, etc.)
*†Davis Sewing Machine Co. (Sewing Machines & Bicycles)
§Dayton Aluminum Co. (Brass Fdrs., etc.)
*Dayton Electrical Mfg. Co. (Dynamos, etc.)
*Dayton Engine Works (Perrine & Sparks, Props.) (Engines, etc.)
*Dayton Fan & Motor Co. (Fans, Water Motors, etc.)
*†Dayton Foundry Co. (Iron Fdrs., etc.)
*Dayton Gas Engine Co. (Gas Engines)
*†Dayton Globe Iron Works Co. (Turbine Water Wheels & Paper & Pulp Mill Mach'y)
*Dayton Machine & Tool Works (Machine Tools)
*†Dayton Malleable Iron Co.
§Dayton Mfg. Co. (Brass Fdrs., Railroad Supplies, etc.)
*Dayton Pattern & Model Works (Models, etc.)
*Dayton Specialty Machine Co. (Machinists)
§Dennick, Wm. & Co. (Brass Fdrs.)
*Dickman, Herman
§Ebbers Bros. (Brass Fdrs.)
*Edgemont Machine Works
*Euchenhofer, E. E. (Machinist)
†Eureka Foundry Co. (Iron Fdrs.)
*Foglesong, W. (Machinist)
*Gem City Mfg. Co. (Gas Engines, etc.)
*†Gem City Stove Co. (Stoves)
*Gem Machine Co.
*Good Gas Engine Co. (Gas Engines)
*Grimes, Chas. D. Machine Works, (Machinists)
*Hill, C. M. (Machinist)
*†Joyce-Cridland Co. (Hydraulic Lever & Screw Jacks, etc.)
*†Kinsey Mfg. Co. (Stoves, etc.)
*Kiser & Co. (Automobiles, Motors, etc.)
*†Kramer Bros. (Iron Fdrs., Labeling Machines, etc.)
*†Kuhns Bros. (Iron Fdrs., Cast Iron Fittings, etc.)
*Leader Gas Engine Co. (Gas Engines)
*Legler, Grimes & Eilerman (Finished Metal Parts)
*Light, Geo. (Tapping Machines for Gas & Water)
*Mecker Mfg. Co. (Ball Bearing Axles)
*Mellinger, F. E. (Machinist)
§Miami Brass Foundry (Brass Fdrs.)
*Miami Valley Machine Tool Co. (Machine Tools)
*Millinger, F. E.
*National Automatic Tool Co. (Multiple Spindle Drills & Special Mach'y)
*†§National Cash Register Co. (Cash Registers, etc.)
*†New Era Iron Works Co. (Gas & Gasoline Engines)
*Nixon Nozzle & Machine Co. (Spraying Machines)
†Ohio Foundry Co. (Iron Fdrs.)
*Ohio Rake Co. (Agl. Implts., Sulky Rakes, etc.)
*Ohmer Fare Register Co.
*Parrott Mfg. Co. (Plows, etc.)
*Perrine & Sparks
*†Platt Iron Works Co. (Turbines & Mach'y, etc.)
*†Raymond, C. W. Co. (Clay Working Mach'y)
*Reichert, Carl O.
*Riley & Wayman Mfg. Co.
*Roberts, Geo. J. Co. (Steam Pumps, etc.)
*Saunders Mfg. Co. (Machinists)
*†Seybold Machine Co. (Bookbinding Machinery)
*Simonds, A. A. & Son (Planing Knives, etc.)
*Steiner, M. & Co.
*Sterling Elec. Motor Co. (Electric Motors)
*†Stoddard Mfg. Co. (Grain Drills, Cultivators, Rakes, etc.)
*Thresher Electric Co. (Dynamos & Motors)
*Volta & Muhlenberg
*Wave System Bolting Co. (Flour Mill Mach'y)
*Weiman, C. J. & Co. (Machinists)
*Wildeke, Gustave Co. (Boilmakers' Tools, etc.)

DEFIANCE—*†Clipper Plow Co. (Plows, Cultivators, Grain Drills, etc.)
*†Defiance Machine Works (Wood Working Coinage Bldrs.' Mach'y., etc.)
*Holmes, G. H. (Machinist)
DELPHOS—*Almy, Geo. F. (Bending Machines)
†Delphos Foundry Co.
DELTA—*Cottingham, Louis (Machinist)
DESHLER—*†Suber, A. A. (Iron Fdry. & Machinist)
DILLONVALE—*†Dillonvale Mine Supply & Mfg. Co.
DOYLESTOWN—§Buckeye Aluminum Co.
*†Sieberling & Miller Co. (Mowers, Reapers, etc.)
DRESDEN—†Doll, Jos.
EAST LIVERPOOL—*Cain Bros. & Co. (Machinists)
*Dean, E. G. (Machinist)
*†Patterson Fdy. & Machine Co. (Iron Fdrs. & Machinists)
*Rex, W. E. (Machinist)
EATON—*Ohio Iron & Brass Bed Co.
*Schurtz, Alexander & Christmas (Machinists)
EDISON—*†Edison Foundry & Machine Works
ELMORE—*Underwood Gas Engine & Motor Co.
ELYRIA—†Duplex Mfg. & Foundry Co. (Catch Basins, etc.)
*Elyria Gas Engine Co. (Gas & Gasoline Engines, etc.)
*†Elyria Machine Works (Road Scrapers, etc.)
*†§Federal Mfg. Co.
†Fox Furnace Co.
*Rawson Electric Co. (Telephones & Electrical Supplies)
*Weller Engineering Co. (Iron Fdrs. & Machinists)
*Western Automatic Machine Screw Co. (Tapping Machines, etc.)
*Worthington Mfg. Co. (Tricycles, Golf Goods, etc.)
FINDLAY—*†Adams Bros. Co. (Machinery & Oil & Gas Well Supplies)
*†Findlay Axe & Tool Co.
*†Findlay Foundry & Machine Co.
Findlay Sucker Rod Co.
*Marvin, D. E. (Machinist)
*†Marvin Machine Works (Iron Fdrs. & Machinists, Ditch Making Machy, etc.)
*†Van Buren, Heck & Marvin Co. (Iron Fdrs. & Machinists)
*Went Bros. (Machinists)
FOSTORIA—*†Atlas Safe Co. (Safes etc.)
*†Fostoria Foundry & Machine Co. (Gas & Gasoline Engines)
*Western Railway Signal Co. (Railway Signals, etc.)

FREDERICKSBURG—*Stophlet, M. L. (Machinist)
FREDERICKSTOWN—*†Foote, J. B. Foundry Co. (Bells & Hardware Specialties)
FREEPORT—*†National Light & Heating Co. (Stoves & Gas Generators)
FREMONT—*Anderson Shear Co. (Shears, etc.)
*Christy Knife Co. (Knives, etc.)
*Clauss Shear Co. (Shears, etc.)
*Herbrand Co. (Carriage Hardware & Forgings, etc.)
*International Cutlery Co.
*Jackson Knife & Shear Co.
*†Junc, D. & Co. (Engines & Saw Mill Mach'y)
*†Lehr Agricultural Co. (Cultivators, Harrows, etc.)
*†Lincoln Stove & Range Co. (Stoves, Ranges, etc.)
GALION—*†Freese, E. M. & Co. (Brick & Drain Tile, Machinery, etc.)
†Homer, J. R. (Iron Fdry.)
GALLIPOLIS—*†Gallipolis Foundry & Machine Co.
*†Kling Stove Co. (Stoves)
*†Lupton & Bell (Stoves, etc.)
*†Thompson & Francis Stove Co. (Stoves)
GENEVA—*Champion Safety Lock Co.
*†Geneva Metal Wheel Co.
*Geneva Tool Co. (Tools & Agl. Hand Implements, etc.)
*Throop, B. M. (Machinist)
GIRARD—*†Girard Foundry & Machine Co. (Grey Iron Castings & Machine Work)
GLENVILLE—*Lucas Machine Tool Co. (Machine Tools)
GREENSPRING—*Gale & Son (Machinists)
GREENVILLE—*†Lucas, C. O. & Co. (Iron Fdrs. & Machinists)
*†Royal Stove & Range Co.
*Wogoman Mfg. Co. (Gas Engines) (Drilling Tools, etc.)
GROVE HILL—*Busick, Wm. (Machinist)
HAMILTON—*Advance Mfg. Co. (Gas Engines)
§Aluminum & Bronze Casting Co. (Brass, Bronze, Copper & Aluminum Fdrs.)
*†American Foundry & Machine Co. (Iron Fdrs. & Machinists)
*American Frog & Switch Co. (Frogs, Switches, Switch Stands, Crossings, etc.)
*†Bentel & Margedant Co. (Wood Working Mach'y, etc.)
*Bess Machine Co. (Laundry Mach'y, etc.)
*†Black & Clawson Co. (Paper & Pulp Mill, Special Mach'y, etc.)
†Central Foundry Co. (Iron Fdrs., etc.)
*Empire Machine Co. (Traction Engines)
†Flum Bros. (Iron Fdrs.)
*†Hamilton Foundry & Machine Co. (Iron Fdrs. & Machinists)
*†Hamilton Machine Tool Co. (Machine Tools)
*§Hamilton Metal Pattern Co.
*†Herring-Hall-Marvin Safe Co. (Bank Vaults & Safes, etc.)
*†Kahn, F. & L. & Bros. (Stoves)
*Krauth & Benninghofen (Machinists)
*†Long & Allstatter Co. (Agrl. Implts. & Power Punching & Shearing Mach'y)
*Macneale & Urban Co. (Safes)
*Mosler Safe Co. (Bank Vaults & Safes, etc.)
*†Niles-Bement-Pond Co. (Machine Tools, etc.) (See New York City)
*†Sanitary Mfg. Co. (Plumbing Goods)
†Sohn & Rentscheler (Iron Fdrs., etc.)
*†Vulcan Foundry Co. (Light & Medium Gray Iron Castings)
HARRISON—*†Cincinnati Slating Co.
HILLSBORO—*†Bell, C. S. Co. (Cane & Feed Mills, Stoves, Farm Bells, etc.)
*†Gross Foundry & Machine Co.
IRONTON—*†Foster Stove Co. (Stoves)
*†Ironton Disc Plow Co. (Plows, etc.)
*†Ironton Engine Co. (Steam Engines)
*†Olive Foundry & Machine Co.
JACKSON—†Crown Casting Co. (Iron Fdrs.)
*†Jackson Foundry & Machine Co.
KENT—*§Miller Keyless Lock Co.
*Pardee, F. A. Co. (Stoves)
*†Peterson, A. F. (Iron Fdry. & Agrl. Implts., etc.)
KENTON—*†**CHAMPION IRON CO. (Iron** Fdrs. & Builders' Iron & Structural Steel Work. (See adv. index, end of book)
*Dow, Jas. M. (Machinist)
*†Kenton Hardware Mfg. Co. (Locks, Iron Toy, etc.)
*Kenton Machine Works (Machinists)
*Ohio Machine Tool Co. (Machine Tools, etc.)
LANCASTER—*†Acme Mfg. Co. (Fdrs. & Machinists)
*†Eagle Machine Co. (Agl. Implts)
*†Hocking Valley Mfg. Co. (Agl. Implts., etc.)
LEETONIA—*†Crescent Machine Co. (Wood Working Mach'y)
LEIPSIC—*Pfahler, W. Q. (Machinist)
LIMA—*Cook, E. W. (Machinist)
*†East Iron & Machine Co. (Gas Engines)
*Gollcy & Finley Iron Works (Engines, etc.)
*†Lima Locomotive & Machine Co. (Locomotives, etc.)
*McKibben Gas Engine & Electric Mfg. Co.
*Sinclair & Morrison Co. (Drilling Tools, etc.)
*†Swan, Jno. W. Co. (Machinists)
*Vicary, Geo. S. (Machinist)
LISBON—*Wright, Hugh & Sons (Machinists)
LOGAN—*†Logan Foundry & Machine Works Plows, etc.)
LORAIN—*†American Shipbuilding Co. (See Cleveland, O.)
*†Brown-Cochran Co. (Air Compressors, Gas & Gasoline Engines & Ice Machines)
*Brunk Machine & Forge Co. (Machinists, etc.)
*Lorain Heating & Mfg. Co.
*Lorain Machine & Forge Co.
*Thew Automatic Shovel Co. (Steam Shovels, etc.)
*§Union Brass & Iron Works (Iron & Brass Castings)
LOUISVILLE—*Buckeye Jack Mfg. Co. (Hoistings Jacks)
*†Wagner Steam Pump Co. (Steam Pumps, etc.)
M'CLURE—*Adams, S. S. (Machinist)
MADISON—†Genung, W. H. & Son (Iron Fdrs.)
MALVERN—*†Stoltz & Schreiber (Iron Fdrs.) & Machinists)
MANSFIELD—*†Aultman & Taylor Machine Co. (Agrl. Implts., Engines)
*†Barnes Mfg. Co. (Pumps, etc.)
*†Baxter Stove Co. (Stoves)
*†Eclipse Stove Co. (Stoves)
*†Fernyak Bros.
*†§Humphreys Mfg. Co. (Cast Iron Sanitary Enameled Ware, Pumps, Iron & Brass Fdrs., etc.)
*Ideal Electric Co. (Electrical Mach'y)
*Lean, Roderick Mfg. Co. (Harrows, Land Rollers, etc.)
*§Mansfield Tempered Copper Co.
*†§Ohio Brass Co. (Electric Railway & Steam Specialties)
*Phoenix Electric Mfg. Co. (Dynamos & Motors, etc.)
*†Union Foundry & Machine Works
MARIA STEIN—*†New Idea Spreader Co. (Agl. Implts., etc.)
MARIETTA—*Cline Bros. (Machinists)
*†Marietta Mfg. Co. (Stoves)
*†Nye, A. T. & Son (Stoves)
*Ohio Valley Supply Co. (Machinists & Oil Well Supplies)
*†§Pattin Bros. Co. (Steam Engines & Grey Iron & Brass Castings)
MARION—*†Fairbanks Co.
*†Huber Mfg. Co. (Agrl. Implts., Engines, etc.)
*†Marion Mfg. Co. (Agl. Implts.)
*†Marion Steam Shovel Co. (Dredging, Excavating, etc.)
*Strobel, Fred (Gas Engines & Washing Machines)
MARTINS FERRY—†Mann, Wm.
*†Riverside Bridge Co.
*†Spence-Baggs Stove Co. (Stoves)
MASSILLON—*†Harrison, W. R. & Co. (Fodder Cutters, etc.)
*†Heiman, A. & Bro. (Mine Cars, Wheels, & Tools)
*†Hess, Snyder Co. (Pumps, Stoves, Furnaces, etc.)
†Massillon Foundry Co. (Iron Fdrs.)
†Massillon Iron & Steel Co. (Pipe & Castings)
*†Russell Engine Co.
*†Russell & Co. (Engines, Threshers & Saw Mill)
MECHANICSBURG — *Packham-Crimper Co. (Sheet Metal Workers' Machinery & Tools)
MIAMISBURG—*§Allen, D. H. & Co. (Specialties)
*†Hoover & Gamble Co. (Twine & Cordage Machinery & Agl. Implts.)
†Miamisburg Foundry Co.
*Shuey, Frank (Machinists)
MIDDLEPORT—*†Ohio Machine Co. (Brick Machines, Mill & Furnace Castings, etc.)
MIDDLETOWN—*†McSherry Mfg. Co. (Agrl. Implts., Grain Drills, Disc Harrows, etc.)
*Miami Cycle & Mfg. Co. (Cycles, etc.)
*Middletown Machine Co. (Gas Engines)
*Miles Steel & Tool Co. (Dental Instruments)
*Ritter & Keutham (Iron Fdrs.)
MILLERSBURG—*†Millersburg Foundry & Machine Works
MINERAL RIDGE—*†Mineral Ridge Mfg. Co.
MINERVA—*Hostetter, A. F. (Machinist)
MINSTER—*†Minster Machine Co. (Power Transmitting, etc.)
MONTPELIER—*†Montpelier Foundry & Furnace Co
MT. GILEAD—*†Hydraulic Press Mfg. Co. (Presses, Sugar Mills, etc.)
MOUNT VERNON—†Black, E. L. Furnace Co.
*†Cooper, C. & G. Co. (Corliss Engines & Heavy Castings)
†Cureton Foundry Co. (Grey Iron Castings up to 6 tons)
NAPOLEON—*†Heller, Aller & Co. (Wind Mills, etc.)
*†Morningstar Mfg. Co. (Threshing Mach'y, Engines, etc.)
NELSONVILLE—*†Nelsonville Foundry & Machine Co. (Mining, Elevating & Conveying Mach'y)
NEWARK—*†Central City Stove Works (Stoves, etc.)
*†Jewett Car Co. (Car Builders, etc.)
*McNamar Machine Works
*†Newark Iron & Steel Co. (Open Hearth Steel Castings, etc.)
*†Newark Machine Co. (Agl. Implts., etc.)
*†Schneidler Machine Works Co. (Engines, etc.)
*†Simpson Heater Co. (Hot Air Furnace, etc.)
*†Thomas, Jas. E. & Co. (Ingot Molds, Castings, etc.)
NEW BREMEN—*†Laufersieck & Grothaus Co. (Agrl. Implts., Plows, etc.)
NEW COMERSTOWN—*†Clow, Jas. B. & Sons. (See Chicago, Ill.)
NEW LEXINGTON—*†Star Mfg. Co. (Agrl. Implts., Mine Cars & Wheels & Feed Grinders)
NEW LONDON—*†Arnold-Creager Co. (Brick & Clay Mach'y)
NEW PHILADELPHIA—*†Sharp Foundry & Machine Co.
*†Spicer Mfg. Co. (Agrl. Implts. & Iron Fdrs., etc.)
NEW PORTAGE—†Barberton Foundry Co.
NEW RICHMOND—*†Heinss, C. F. (Machinist)
NEWTON FALLS — *†Grinnell & Borland (Stoves)
NILES—*†Globe Foundry & Machine Works
*Harris Automatic Press Co. (Printing Presses)
Niles Boiler Co. (Iron Fdrs., Machinists & Boilermakers)
*Niles Car & Mfg. Co. (Car Builders)
*†Niles Mine & Mill Supply Co.
NORTH AMHERST—†Rice, J. J. (Iron Fdry.)
NORTH BALTIMORE—*†Hardy Machine Co. (Oil Well Mach'y, etc.)
*Miller-Kuchler Co. (Machinists)
*Modern Machine Co. (Machinists)
NORTH FAIRFIELD—*†Harvey, S. L. (Plows, etc.)
NORWALK—*Miller Anchor Co. (Anchors & Chains, etc.)
*†Norwalk Mfg. Co. (Iron Fdrs. & Machinists)
NORWOOD—(See Cincinnati, O.)
OAKHARBOR—*Bense, J. H.
OBERLIN—*Cook, Harry A.
*Shuart Grader Co. (Road Graders, etc.)
ORRVILLE—*Champion Thresher Co. (Agrl. Implts.)
*Cyclone Well Drilling Machine Co. (Well Drilling Machinery, etc.)
OTTAWA—*†Krebs, Oscar
PAINESVILLE—*Blackmore, Jno. (Machinist)
*Commercial Electric Co.
*†Geauga Mfg. Co. ,Hardware Specialties, etc.)
*Globe Mfg. Co. (Hardware Specialties, etc.)
*†Horton Mfg. Co. (Brick Mach'y, etc.)
PIONEER—*Smith, Guy E. & Co.
PIQUA—*†Bowdle Bros. (Machinists & Fdrs.)
†Enterprise Foundry Co. (W. J. Smith, Propr.)
*†Favorite Stove & Range Co. (Stoves)
*French Oil Mill Machinery Co.
†Smith, W. J. (Iron Fdry.)

PLYMOUTH—*§Plymouth Mfg. Co. (Cream Separators, etc.)
*†Root Bros. Co. (Lawn Mowers, Machines, etc.)
POMEROY—*†Pomeroy Machine Co. (Machinists & Fdrs.)
PORTAGE—*Union Motor Co. (Gasoline Motors)
PORTSMOUTH—*Brunner, Jacob (Machinists)
*Mitchell Mfg. Co. (Bending Machines)
*†Neill Stove Mfg. Co. (Stoves)
*†Ohio Stove Co. (Stoves)
*†Portsmouth Fdy. & Machine Co.
*†Portsmouth Steel Co.
*†Portsmouth Stove & Range Co. (Stoves,
QUAKER CITY—*Wright Bros. Co. (Machinists))
RAVENNA—*Brooke, Jas. C. (Machinist)
*†Byers, John F. Machine Co. (Hoisting Ma-
*Colonial Electric Co.
*†Williams, A. C. (Sad Irons, etc.)
RIPLEY—†Phoenix Foundry & Mfg. Co.
ST. MARYS—*Buehler Machine Co. (Machinists)
*Heisler Mfg. Co. (Air Compressors & Pumping Mach'y)
*†St. Marys Machine Co. (Machinists & Fdrs.)
Schroeder & Fischer (Washing Machines & Churns, etc.)
SALEM—*†Buckeye Engine Co. (Steam Engines, etc.)
*†Clark, W. J. Co.
*Davis, M. & Sons (Electrical Machinists)
*†Deming Co. (Steam Pumps, etc.)
Salem Tool Co.
*†Silver Mfg. Co. (Hub Boring Mach'y, Blacksmiths' Drills & Agl. Implts., etc.)
*†Victor Stove Co. (Stoves)
*†Woodruff, J. & Sons (Stoves, etc.)
SANDUSKY—*Baumeister, A. G. Mfg. Co.
*†§Klotz Machine Co. (Engines, Woodworking & Wine & Cider Making Mch'y & Iron & Brass Fdrs.)
*§**NATIONAL VALVE CO. (Waterworks Specialties, Gray Iron Castings)** etc.) (See adv. index, end of book)
*Ohio Motor Co. (Gas Engines)
*†Sandusky Fdy. & Machine Co. (Iron Fdrs. & Machinists)
*Sandusky Tool Co.)
*§Warren Electric Mfg. Co. (Dynamos, etc.)
SEBRING—*†Farmers Mfg. Co. (Feed Cutters, etc.)
SEVILLE—*†Overholt, I. M. (Iron Fdr. & Machinist)
SHELBY—*Brightman Mfg. Co. (Shafting
†Shelby Foundry Co. Mach'y)
*Shelby Stove & Mfg. Co. (Stoves & Furnaces)
*†Shelby Spring Hinge Co.
SHREVE—*†Wagner Mfg. Co. (Hollow Ware, etc.)
SIDNEY—*American Steel Scraper Co. (Road Scrapers)
*Sidney Steel Scraper Co. (Road Scrapers, etc.)
*Slusser & McLean Scraper Co. (Road Scrapers)
*†Smith, Philip Co.
SPENCERVILLE—Foster, Tobias
SPRINGFIELD—*American Engineering Co.
*†American Radiator Co. (See Chicago, Ill.)
*†American Seeding Machine Co. (Agrl. Impl's)
*Bauroth Bros. (Gas & Gasoline Engines)
*†Bettendorf Metal Wheel Co.
*Colthar, Wm. U.
*Electrical Construction Supply Co. (Elec. Specialities)
*†Fairbanks Machine Tool Co. (Machine Tools & Castings)
*Foos Gas Engine Co. (Gas Engines)
*†Foos Mfg. Co. (Ag'l Implements, Steam
*Funk, D. D. (Agrl. Implts.)
*†Grey Iron Casting Co. (Grey Iron Castings)
*Grove, E. E. Mfg. Co. (Machinist)
Hammers, Cottonseed Oil & Flour Mill Mach'y, etc.)
†Hennessy Foundry Co. (Grey Iron Castings)
Hoppes Mfg. Co. (Feed Water Heaters & Purifiers, etc.)
*Indianapolis Switch & Frog Co. (Frogs, Switches & Crossings, etc.)
*†International Harvester Co. (Agrl. Implements, etc.) (See Chicago)
*†Kelly, O. S. Co. (Traction Engines, Piano Plates, etc.)
*Krotz Mfg. Co. (Machinists)
*Lagonda Mfg. Co. (Boiler Flue & Tube Cleaners)
*†Leffel, Jas. & Co. (Turbines & Engines, etc.)
*Long, W. Z. (Confectioners' Mach'y, etc.)
*†Mast, Foos & Co. (Buckeye Lawn Mowers, Force Pumps, Wind Engines, etc.)
*†Mast, P. P. & Co. (Ag'l Impl'ts, etc.)
*Mentels, The (Gas Heating Stoves for Natural & Artificial Gas, etc.)
*Miller Improved Gas Engine Co. (Heavy Duty Gas Engines)
*§Nolte Brass Co. (Brass Fdrs. & Finishers)
*Owen Machine Tool Co. (Machine Tools)
*†Patric Furnace Co. (Hot Air Furnaces)
*Peters, E. E. (Machinist)
*Progress Furnace & Stove Co. (Furnaces & Stoves)
*†Robbins & Myers Co. (Light Iron Castings & Dynamos, Motors, etc.)
*Rogers, Geo. G. (Machinist)
*†Rogers Iron Co. (Bldrs.' Iron Work & Special Machy.)
*†Ross, E. W. Co. (Sugar Cane Mills & Fodder Cutters, etc.)
*Safety Emery Wheel Co. (Tools & Emery Grinders, etc.)
*Shawver Co. (Woodworking Mach'y)
*§Springfield Brass Co. (Brass Fdrs. & Finishers, Steam Specialties, etc.)
*Springfield Gas Engine Co. (Gas Engines)
*†Springfield Machine Tool Co. (Machine Tools, etc.)
†Springfield Malleable Iron Co.
*Superior Gas Engine Co. (Gas & Gasoline Engines)
*†Thomas Mfg. Co. (Ag'l Impl'ts, Pumps & Lawn Mowers, etc.)
*†Trump Mfg. Co. (Transmitting & Turbines, etc.)
*Voll, Henry (Machinist)
*Webster & Perks Tool Co. (Machine Tools, etc.)
*Western Mfg. Co. (Machine Tools)
*Western Tool & Mfg. Co. (Lathes, Tools, etc.)
*Whiteley Mfg. Co. (Ag'l Impl'ts)
*†Wickham, Chapman & Co. (Piano Plates & Piano Hdw.)
STEUBENVILLE—*†§Irvin, J. O. (Engines & Iron & Brass Castings)
*§King Lubricator & Brass Supply Co. (Brass Founders & Finishers, Lubricating Devices & Brass Goods)
*†La Belle Iron Works
*†§Means Foundry & Machine Co. (Brick Mach'y & Iron & Brass Castings)
†Sharp, Wm. L. & Son (Grates, etc.)
STOCKDALE—*Sampson, E. V., Jr. (Machinist)
SWANTON—*†Baker, A. D. Co. (Traction Engines & Metal Wheels, Etc.)
TIFFIN—*Klopp Bros. (Machinists)
*†Loomis Machine Co. (Well Drilling Mach'y)
*†National Machinery Co. (Bolt & Nut Mach'y, etc.)
*†Sterling Emery Wheel Mfg. Co. (Emery Wheels & Emery Wheel Mach'y)
*†Tiffin Wagon Co. (Brick Mach'y & Corn Shellers, etc.)
TOLEDO—*American Foundry Co. (Iron Fdrs.)
*American Pump & Supply Co. (Iron Pumps, etc.)
American Tubular Axle Co.
*Arbuckle-Ryan Co. (Machinery)
*†Baker Bros. (Key Seaters, Tapping & Boring Machines & Woodworking Mach'y)
*Bancroft & Co. (Machinists)
*Brunning Metal Wheel Works (Truck & Car Wheels, etc.)
*†Consolidated Pump Co.
*Craig Foundry Co. (Iron Fdrs.)
*†Craig Shipbuilding Co. (Heavy Castings,
*†Donovan Wire & Iron Co. etc.)
†Ensign Foundry Co. (Iron Fdrs.)
*†Foster, C. M. & Co. (Iron Fdrs., etc.)
†Harris Toy Co. (Cast Iron Toys, etc.)
*†Haughton Elevator & Machine Co. (Elevators, etc.)
*†Heartley, Geo. W. (Bicycle & Metal Wheel Mach'y, etc.)
*†Jones, S. M. Co. (Gas Engines & Oil Well Supplies)
*Keasey Pulley Co.
*Kent Machine Co. (Machinists)
*Kirk Mfg. Co. (Bicycles, etc.)
*Lawrence Mfg. Co. (Cream Separators & Dairy Mach'y)
*McLeary, Ed., Jr. (Machinist)
*Mellink Mfg. Co. (Tools, etc.)
*†Merrell Mfg. Co. (Pipe Cutting & Threading Mach'y, etc.)
*†Milmine, H. B. & Co. (Iron Fdrs., etc.)
†National Malleable Casting Co. (See Cleveland, O.)
*†§National Supply Co. (Oil Well Supplies, etc.)
*Ohio Steam Shovel Co. (Steeam Shovels, Dredges, etc.)
*Perry's Victory Machine Co.
*Pope Motor Car Co.
*†Ricard Boiler & Engine Co. (Engines, Castings & Dynamos)
*Ross, E. & Co. (Novelty Rug Machines)
*Ruembeli, Henry ,Machinists)
§Seeger, Valentine (Brass Goods)
*Shaw-Kendall Engineering Co. (Engineers & Machinists)
*Snell Cycle Fittings Co.
*§Toledo Brass & Novelty Works (Machinists, etc.)
§Toledo Bronze Co. (Aluminum, Brass & Bronze Fdrs., etc.)
†Toledo Castings Co. (Iron Fdrs.)
*§Toledo Chandelier Mfg. Co.
*Toledo Computing Scale Co. (Computing Scales, etc.)
†Toledo Co-operative Foundry Co.
*†Toledo Foundry & Machine Co. (Steam Shovels, Castings, Engines, Dredging Machinery, etc.)
*Toledo Machine & Motor Co. (Machinists)
*Toledo Machine & Tool Co. (Machine Tools, etc.)
*Toledo Metal Wheel Co. (Bicycles, Metal Wheels, etc.)
*Toledo Pipe Threading Machine Co.
*†Toledo Plow Co. (Plows, etc.)
*Toledo Safe & Lock Co.
*Toledo Saw Co. (Saws, etc.)
*Toledo Scenic Railway & Amusement Co.
*†Toledo Stove Co. (Stoves)
*Toledo Typesetting Co.
*Toledo Wire & Iron Works.
*Uhl Bros. Co. (Machinists)
*Union Fire Arms Co.
*United States Pump & Supply Co. (Windmills, Pumps, etc.)
*Universal Machine & Elevator Works
*†Vulcan Iron Works Co. (Steam Shovels & Dredges & Brass Castings)
*§Western Gas Fixture Co. (Gas & Elec. Fixtures, etc.)
†Wilkes Foundry Co. (Heavy Grey Iron Castings up to 40 tons)
*Yost Electric Mfg. Co. (Lawn Sprinklers, Lamp Sockets, etc.)
TORONTO—*†Toronto Machine Co. (Machinists)
TROY—*Hobart Electric Mfg. Co. (Dynamos, etc.)
*§Ohio Electric Specialty Mfg. Co.
*†Troy Foundry & Machine Co.
TYRELL—*Tyrell, A. H. & Son (Iron Fdrs.)
UPPER SANDUSKY—*†National Steam Pump Co.
URBANA—*†Crane, M. H. & Co. (Stoves, etc.)
*Stephan Bros. (Injectors, etc.)
VAN WERT—*†Spayd Bros.
VERMILION—*†Howard Stove & Mfg. Co. (Stoves, etc.)
WADSWORTH—*†§Ohio Injector Co. (Injectors, etc.)
WAPAKONETA—†Wapakoneta Hollow Ware Co.
WARREN—*†Aetna Fdy. & Machine Co. (Tin & Sheet Mill Mach'y & Castings)
*†Day-Ward Co. (Cast Iron Enameled Sanitary Bath Tubs, etc.)
*†§General Fire Extinguisher Co. (Fire Sprinklers). (See Providence, R. I.)
*†McMyler Mfg. Co. (Hoisting & Conveying Mach'y)
*Peerless Electric Co. (Dynamos & Motors & Transformers)
*†Trumbull Mfg. Co. (Gasoline Engines & Cylinders & Castings)
*Warren Electric & Specialty Co. (Motors, etc.)
WARWICK—†Warwick Furnace Co.
WASHINGTON C. H.—*†Swope, Geo. B.
*†Wonder Mfg. Co. (Stoves)
WAUSEON—*Burke-Bollmayer Mfg. Co. (Windmills, etc.)
†Schletz, Philip
WELLINGTON—Wellington Machine Co. (Brick Mach'y, etc.)
WELLSTON—Excelsior Machine Co. (Machinists)
*†Peck-Williamson Fdry. Co. (See Cincinnati, O.)
†Wellston Foundry Co.
WELLSVILLE—*†Menough Foundry Co. (Iron Fdrs.)
*†Stevenson Co. ((Brick Mach'y, etc.)
WESTPARK—*Cleveland Car Co.
*Norton Tool Co.

WICKLIFFE—*Cleveland Crane & Car Co. (Cranes, etc.)
WILLOUGHBY—*†American Clay Working Machinery Co. (See Bucyrus, O.)
American Fork & Hoe Co. (Forks, Hoes, etc.)
WILMINGTON—†Farquahar Furnace Co.
WOODSFIELD — Kavanaugh, Wm. & Co. (Drilling & Fishing Tools)
WOOSTER—*†Barrett's, B. Sons (Fdrs. & Machinists)
XENIA—*†Bockett, J. P. Machine Co. (Monarch Tool Grinders, etc.)
*†Kelly, R. A. Co. (Shaping Machines, Machine Tools, etc.)
YOUNGSTOWN—*§Falcon Bronze Co. Brass & Bronze Castings, Tuyeres & Coolers)
*Finished Steel Co. (Polished Steel Shafting)
*Hetherington, T. J. (Machinists)
*†Mahoning Fdy. & Machine Co. (Rolling Mill Mach'y)
*McKay, G. G. (Machine & Job Work)
*Pollock, Wm. B. Co. (Gas Works Mach'y, etc.)
*†Republic Iron & Steel Co. (Polished Shafting) (See Chicago)
*†Scholl, Semple & Jordan Co. (Founders & Machinists)
*†Sennett, Geo. B. Co. (Rolling Mill Mach'y & Castings, etc.)
*†Tod, Wm. Co. (Rolling Mill Engines, Converters, etc.)
*†United Engineering & Foundry Co. (Rolling Mill Mechy. & Castings). See Pittsburg, Pa.
*§Youngstown Bronze Co. (Brass & Bronze Small & Grey Iron Castings)
*†Youngstown Car Mfg. Co. (Freight Cars)
*†Youngstown Engineering Co. (Cranes, Castings, etc.)
*†Youngstown Foundry & Machine Co. (Rolling Mill Mach'y)
*†Youngstown Iron Sheet & Tube Co.
*†Youngstown Iron & Steel Roofing Co. (Stoves & Ranges)
*†Youngstown Steel Co. (Steel Castings)
ZANESVILLE—*§Dockary, H. V. Brass Co.
*†Griffith & Wedge Co. (Engines, etc.)
*†Jones, Chas. H. (Stoves)
*†Union Machine Co.
*†Weidig & Co.
*†Zanesville Malleable Iron Co.

OKLAHOMA TERRITORY

EL RENO—*†El Reno Foundry & Machine Co.
ENID—*†Enid Machinery & Supply Co.
*Young, John A. (Machinist)
GUTHRIE—*†Oklahoma Iron Works Co.
OKLAHOMA—*Jordan, W. M. (Est. of)
*†Oklahoma City Foundry & Iron Works
*†Sherman, N. S. Machinery Co.
SHAWNEE—Rodgers, E. C.
*†Wilkinson & Fisher

OREGON

ALBANY—*†Albany Iron Works (Flour Mill, Mining, etc.)
ASTORIA—*†§Astoria Iron Works (Inc.) (Engines, Canning Machinery & Iron & Brass Castings)
*†Pacific Iron Works (Machinists) (Mining & Saw Mill Mach'y, etc.)
BAKER CITY — *†Baker City Engineering Works
*†Schumacher, A. J. (Iron Fdry. & Machinist)
CORVALLIS—*†Franklin Iron Works Co.
DALLAS—*†Biddle, E.
EUGENE—*†Frazer, G. N. (Iron Fdry. & Machinist)
*†Gross Bros. (Fdrs. & Machinists)
MARSHFIELD—*†Nelson, F. E.
OREGON CITY—*Bucklein & Kleinsmith
*Roake, J. A.
PORTLAND—*Bell & Wildman (Machinists)
*†Columbia Engineering Works
*Crescent Mfg. Co. (Stamping & Mining Mach'y)
*Gill, A. J. & Co. (Machinists)
§Gray, Robt. (Brass Fdry.)
*Hammond Mfg. Co. (Dredging & Mining Mach'y, etc.)
*Hartmann, J. P. & Sons (Machinists)
*†Heintz, A. R. & Co. (Iron Fdrs. & Machinists)
*Hicks, Burt (Machinist)
*†Honeyman, Jno. & Co. (Iron Fdrs. & Machinists)
*Isensee, Wm. (Machinist)
*Kelly, J. B. (Machinist)
*†Leach Bros.
*†Loewenberg & Going Co. (Stoves, etc.)
*†Montag & Cleave (Stoves)
§Oregon Brass Works (D. M. Moore, Prop.)
*Oregon Foundry Co. (Iron Fdrs.)
†Oregon Iron & Steel Co.
*†Oregon Ry. & Nav. Co.'s Shops
*†Phoenix Iron Works
*†Portland Iron Works (Inc.) (Iron Fdrs. & Flour, Saw & Paper Mill Machy, Engines, etc.)
*§Prier Bros. Brass Co.
*†Smith & Watson Iron Works (Fdrs. & Machinists)
*Trenkman B. & Co. (Machinists)
*†Willamette Iron & Steel Works (Marine & Steamboat & Grain Elevator Machinery, etc.)
SALEM—*†Loewenberg & Going Co. (Stoves) (See Portland)
*Maurer, J. J. (Machinist)

PENNSYLVANIA.

ALFARATA—†Goss, J. D. & S. E.
ALLEGHENY—*§Adams Bros. Mfg. Co. (Gas Burners, etc.)
*Ajax Mfg. Co. (Saw Gummers & Feed Mills), 848 Jackson av
*Albree, Chester B. (Riveting Machines), 1115 Market
†Allegheny Fdry. Co., Bouquet & Grant av
*†American Locomotive Co. (Locomotives, etc.), 2101 Beaver av. (See New York City)
*Bradley Mfg. Co. (Steeam Engines), Penna. & Grant avs
*Carlin Machinery & Supply Co., Lacock & Sandusky
*†Carlin's, Thos. Sons Co. (Coal & Ore Handling, Pile Driving Mach'y, Castings, etc.), 1620 River
*†Central Pipe Valve & Construction Co. (Engineers & Contractors)
*Daflinger, Chas. A. (Machinist), 1220 Monterey
§Damascus Bronze Co. (Bronze Castings, Bearings, etc.), 928 South av
*Danver, R. H. (Machinist), 845 Penna. av
*Duff Mfg. Co. (Hydraulic Jacks, etc.), 302 Marion av
*†Eagle Foundry & Machine Co. (Iron Fdrs. & Machnists), 1022 Main
*†Eagle Tool & Machine Co. (Special Tools & Machinery), 519 Ann
*Eardley, Geo. (Machinist), 1595 Kansas
†Enterprise Fdry. Co. (Ltd.) (Castings, etc.) Nixon & Manhattan
*Federal Machinery Co. (Machinery), 916 Bouquet
*Fox, Frank P. Machine Co., 519 Ann
*Gillespie Mfg. Co., 100 Sandusky
*†Hall Steam Pump Co. (Steam Pumps & Air Compressors), 215 Grant av
*Hoerle, W. M. (Dies & Machine Specialties), 212 Sandusky
*†McKinney Mfg. Co. (Hinges, Butts, Hdw., etc.), 34 Market
*Melhorn & Co., 519 Ann
*†National Gear Wheel & Fdry Co. (Casting, Gears, Gas Engines, etc.), South av & Walker
*Nuttall-Hasley Machinery Co., 412 W Diamond
*†Penna. Car Wheel Co. (Car Wheels etc.), 499 Preble av
*†Penna. Castings & Machine Co., 507 Preble av
*§Penna. R. R. Co.'s (Brass Fdry., etc.)
Pittsburg Forge & Iron Co., 1542 Penn av
*§Pittsburg Lamp, Brass & Glass Co., Locust & River
*Pittsburg Machine Tool Co. (Machine Tools), 61 Darrah
*†Pittsburg Stove & Range Co. (Stoves, Ranges, etc.), Robinson & Darrah
*†Rosedale Fdry. & Machine Co. (Iron Fdrs., etc.), Washn & Preble avs
*Ruttkamp Bros. (Machinists), 839 O'Hara
*†§Standard Sanitary Mfg. Co. (Enameled Iron Sanitary Specialties) (See Pittsburg)
*Stephenson Mfg. Co. (Gas Stoves, Instantaneous Water Heaters)
*†Taylor, Wilson & Co. (Ltd.) (Iron Fdrs., Pipe, Mill & Special Machinery, Machine Molded Gears, etc.), 101 Grant av
*Ulrich, Stewart Mfg. Co. (Inc.), Braddock n Irwin av
*†Westinghouse Electric & Mfg. Co.
*Williams Gauge Co. (Feed Water Regulators, Steam Traps, etc.)
*Young, Jno. S., Jr. (Machinist & Second-Hand Mach'y), 110 Parkway, W. A.
ALLENTOWN—*†Allentown Foundry & Machine Works
*Allentown Iron Fence Works
*Allentown Bobbins Works (Steel Bobbins)
*†Allentown Rolling Mill Co.
*†Daugherty Foundry Co. (Gray Iron Castings, "Tupper," "Adams" & Circle Grate Bars, etc.)
*Excelsior Knitting Machine Mfg. Co. (Knitting Mach'y)
*Grammes, L. F. & Sons (Cigar & Paper Box Works, etc.)
*†Kline, D. R. & Co. (Iron Fdrs., etc.)
*Kutz & Gift (Machinists)
†McIntyre, Robt. J. (Iron Fdry.)
*§Meisterknecht, B. (Brass Fdry. & Finisher)
*†Mosser, W. F. & Son (Iron Fdrs., Cement Mach'y, etc.)
*Nadig, C. H. & Bro. Mfg. Co. (Steam Engines, etc.)
*§Sittler, Harry (Brass Fdry.)
†Spangler, Chas. (Iron Fdry. & Machinist)
*Wanamaker, Chas. B. (Steam Engines, etc.)
Yeakel, S. H. (Machinists)
ALTOONA—*†Altoona Foundry & Machine Co. (Iron Fdrs. & Machinists)
†Bain, Jos. W. (Iron Castings)
*Finn, Jno. T. (Machinist)
*†Penna. R. R. Co.'s (Shops)
ALVERTON—†Alverton Foundry Co.
ARDMORE—†Autocar Co.
ASHLAND—*†Atlas Cement Co.
*†Goyne Steam Pump Co. (Steam Pumps)
ATHENS—*Imperial Pneumatic Tool Co. (Pneumatic Tools)
*†Sheridan, R. E. (Iron Fdry.)
AVONDALE—*†Anderson, Thos. & Co.
*Foote Bros.
†McKirachen, Jno. F.
AVONMORE—*†West Penn Foundry & Machine Co. (Rolling Mill, Hydraulic & Plate Glass Mach'y)
BANGOR—*†Flory, S. Mfg. Co. (Iron Fdrs., Hoisting Engines, Stone & Slate Working Mach'y, etc.)
*Sheler, P. M.
†Snyder, Nathan
BATH—Bath Foundry & Machine Co. (Iron Founders & Machinists)
BAUSMAN—*Bausman, D. H. (Machinist, etc.)
BEAVER FALLS—*Beaver Falls Mfg. & Fuel Co. (Coal Drills, etc.)
*Champion Saw & Gas Engine Co.
*Emerson, Smith & Co. (Saws & Specialties)
*†Howard Stove Co. (Stoves & Ranges)
*Keystone Driller Co. (Well Drilling Mach'y, etc.)
*†Knott, Harker & Co. (Fire Place Furnishings, Castings, etc.)
*Nicholson File Co. (Files, Rasps, etc.), (See Providence, R. I.)
Penn Bridge Co. (Bridge Turn Tables, etc.)
*Standard Connecting Rod Co. (Connecting Rods, etc.)
*Standard Gaugc Steel Co. (Finished Machine Keys, Compressed Steel Elevator Guards, etc.)
*Union Drawn Steel Co. (Polished Steel Shafting, etc.)
BEAVERTOWN—†Specht, A. B. (Iron Fdry)
BEDFORD—.Cromwell, W. F. (Iron Fdry.)
BELLEFONTE—*†Lingle, J. H. (Helve Hammers)
*Nittnay Iron Co.
BELLVILLE—*†Hertzler & Zook (Machinists)
BELLWOOD—*†Bellwood Mfg. Co. (Car & R. R. Castings)
BENNETT—*Lippert, E. T. (Saws, etc.)
BENNOY—*†Strickler, B. F. (Tobacco Scrap Machines)
BERWICK—*†American Car & Foundry Co. (See St. Louis, Mo.)
†Berwick Malleable Co.
†Fenstermacher, Henry
BETHLEHEM—*Beckel, L. L.
*†Guerber Engineering Co. (Railroad Switches, etc.)
*†Reese, Lewis O. (Iron Fdry.)
BIRDSBORO—*†Diamond Drill & Machine Co. (Rolling Mill & Well Drilling Mach'y, etc.)
BLAIRSVILLE—†Little, C. L. (Iron Fdry.)
BLOOMSBURG—*†American School Furniture Co.
†Connor, Theo. F.
*Geese, Jeremiah & Co. (Machinists)

*†Harman-Cogger Co. (Iron Fdrs. & Machinists)
*Harman & Hassert (Inc.), (Machinists)
*†Richards Mfg. Co. (Special Machy., etc.)
BLOSSBURG—†Moores, Thos. J & Co. (Iron Fdry.)
BLUE BALL—*Shirk, P. E. (Wrapper Cutting Machines, etc.)
BOLIVER—*†Boliver Foundry & Machine Co.
BOYERTOWN—*†Union Mfg. Co. (San-Irons, etc.)
BRADDOCK—*†Braddock Machine & Mfg. Co. (Rolling Mill Mach'y)
*Braddock Tool Co.
*†Carnegie Steel Co. (See Pittsburg)
†McVay & Walker (Founders, Sanitary Enameled Cast Iron Goods, Bath Tubs, etc.)
BRADFORD—*Blaisdell Machinry Co. (Gas Engines, Air Compressors, etc.)
*†Boviard & Co. (Engines, etc.)
*†Bovaird & Seyfang Mfg. Co. (Engines, Boilers, Pumps, Oil & Gas Well Supplies, Well Drilling Machinery, etc.)
*†§Caldwell, E. R. & Co. (Iron & Brass Fdrs., Steam Engines, Pumps & Oil Well Supplies)
*Flickinger Iron Works
*Hamilton, F. (Machinist, etc.)
*Holley, Geo. M. (Motors, etc.)
*Ley, Jno. (Oil Well Tools, etc.)
*†Locke Machine Works
*Lytle, M. & Son (Machinists)
†Penn Foundry Co. (Iron Fdrs.)
*Phillips, David Co. (Oil Well Tools, etc.)
*Robertson, D. W. (Machinists, etc.)
*Standard Saw Co. (Saws, etc.)
*Williamson Mfg. Co. (Vises, etc.)
BRIDGEPORT—†Lorenna Foundry Co.
*†MacGregor Fdry. & Machine Co.
†Mills & Gorman
*†Wilkinson Mfg. Co. (Automatic Stokers, etc.)
BRIDGEWATER—†Anderson Foundry Co.
BRISTOL—*Ardrey, S. B. & Sons (Textile Mach'y, etc.)
†Harkins, T. B. Foundry Co. (Iron Fdrs.)
BROOKVILLE—*Engle, Jno. (Machinist)
*†Jenks, W. H. (Machinist)
†McKinley, R. R.
BURNHAM—*†Baldwin Locomotive Works (See Philadelphia, Pa.)
†Standard Steel Works (Steel Castings, etc.) (See Philadelphia, Pa.)
BUTLER—*Bauer, W.
*Braden Gas Engine Co.
*†Butler Engine & Foundry Co. (Engines, etc.)
*†Butler Foundry & Machine Co. (Grey Iron & Steel Castings, Rail Joints & Railway Specialties)
*†Campbell, J. G. & W. (Oil Well Supplies)
*†Evans Mfg. Co. (Engines & Gas Well Supplies)
*Larkin & Co. (Machinists)
*Masseth & Black (Gas Pumps & Pumping Jacks)
*Palm Gas Engines Co.
*Pittsburg Engineering Co. (Gas Engines, etc.)
*Sherman, J. B. (Machinist)
*Spang & Co. (Machinists)
*†Standard Steeel Car Co. (Steel Cars & Trucks, etc.) (See Pittsburg, Pa.)
CADWALLADER—*†Herbertson's, Jno. Sons (Iron Fdrs. & Machinists)
CALIFORNIA—*†California Fdry. & Machine Co.
*King, J. W. (Stoves, etc.)
CANONSBURG—*Alexander Mfg. Co. (Machinists)
*†Fort Pitt Bridge Works
*†Simpson Stove Mfg. Co. (Stoves)
CARBONDALE—*Carbondale Machine Co. (Ice & Refrigerating Mach'y)
*†Sperl Heater Co.
†Van Bergen & Co. (Fdry.)
CARLISLE—*†Gardner's, F. Sons (Axles & Machine Work)
*†Manufacturing Co. of Carlisle (Inc.) (Frogs, Switches, etc
CARNEGIE—*†Carnegie Plow & Mfg. Co. Plows, etc.)
*Superior Steel Co. (Machinists & Mfrs. Cold & Hot Rolled Steel)
CATASAUQUA—†Crane Iron Works
*†Davies & Thomas Co. (Iron Fdrs. & Machinists)
†§Hercules Metal Works (Brass, Bronze & Copper Castings, etc.)
*†Lehigh Car Wheel & Axle Works (Cars, Wheels & Axles, etc.)
CATAWISSA—*†Catawissa Car & Foundry Works (Cars, Car Wheels, Castings & Forgings)
CHAMBERSBURG—*†Chambersburg Engineering Co. (Steam Hammers, Cranes, etc.)
*Hug, A. C. (Machinist)
*†Wolf Co. (Flour Mill & Power Transmitting Machinery)
*†Wood's, T. B. Sons (Iron Fdrs. & Machinists)
CHERRYVILLE—†Dieter, G. B.
CHESTER—*†American Steel Foundries Co. (Open Hearth Steel)
*Baldt Anchor Co. (Anchors, etc.)
*Black, H. B. & Co. (Edge Tools, etc.)
†Chester Steel Castings Co. (Steel Castings of All Kinds)
*Cheyney, Jno. H. & Co. (Machinists)
§Crown Smelting Co. (Brass Fdrs. & Machinery Castings, etc.)
*†Delaware River Iron Ship Building & Engine Works
†Harper Mfg. Co. (Metallic Packing)
*Hubbard Brake Co.
*†Johnston, R. R. Frog & Switch Co. (Everything for R. R. Track Construction & Grey Iron & Steele Castings)
*Niagara Hydraulic Engine Co. (Hydraulic
†Penn Steel Castings & Machine Co. (Open Hearth Steel Castings)
Engines)
†Seaboard Steel Casting Co. (Steel Castings)
†Solid Steel Casting Co. (Steel Castings)
*†§Vulcan Works (Cotton Presses, Rolling Mill Work & Iron & Brass Castings)
Wetherill, Jas. P. Machine Co. (Machinists, etc.)
*†Wetherill, Robt. & Co. (Corliss Engines, Paper & Pulp Mill Mach'y, etc.)
CHICORA—*Bowers, Warren (Machinist)
*Chicora Machine Works (Machinists)
*Powell, W. V. & Co. (Machinists)
CHRISTIANA—*†Christiana Machine Co. (Mill Mach'y)
CLARION—*†Strickler, D. E. (Stoves, etc.)
CLAYSVILLE—South Pittsburg Iron Works (Steel Bridges, Grey Iron Castings, Machine Work, etc.)
CLEARFIELD—*†Clearfield Machine Shops (Ltd.), (Fire Brick Mach'y)
*Clearfield Steam Heating Co.
CLOVER CREEK—†Brumbaugh, H. & D.
COATESVILLE—*†Lukens Iron & Steel Co. (Rolling Mills)
*†Ridgway, Craig & Son Co. (Iron Fdrs. & Cranes & Hoists)
*Taite Railway Signal Co.
CODORUS—*†Auchey, Abraham (Iron Fdry., etc.)
COLUMBIA—*†Columbia Grey Iron Co. (Light Grey Iron Castings, Toys & Builders' Hardware)
*†Keeley Stove Co. (Stoves)
*Smith, E. G. (Reaming)
*†Wilson Laundry Mach'y Co. (Laundry Mach'y)
CONNEAUTVILLE—*†Moulthrop, F. & Son
CONNELLSVILLE—*†Boyts, Porter & Co. (Steam Pumps)
*†Connellsville Mach. & Car Co.
*†Connellsville Mfg. & Mine Supply Co.
CONSHOHOCKEN—*†Bate, Wm. T. & Son (Founders & Machinists)
*†Wood, Jno. Mfg. Co. (Boilers & Tanks)
*†Wood, Jno. & Bros. Co. (Inc.)
CONYNGHAM—*†Getting, J. D.
CORAOPOLIS—†Duquesne Steel Foundry Co. (See Pittsburg, Pa.)
CORRY—*†Ajax Iron Works (Gas Engines, etc.)
*†Climax Mfg. Co. (Logging Locomotives & Cars, etc.)
*Heath, G. D. & Son (Machinists)
*†Love Mfg. Co.
*†McInnes Steel Co. (Crucible Steel, etc.)
*†Penn Radiator Co. (Radiators, etc.)
*Trill, W. L. (Machinist)
COWANSESQUE—†Riepple, Jno.
CRESSON—*†Cresson Fdry., Mach. & Car Co.
DANVILLE—Brown, Will G. (Machinist)
*†Curry & Vannam (Rolling Mill & Mining Mach'y & Castings up to 30,000 lbs.)
*†Danville Stove & Mfg. Co. (Stoves & Furnaces)
DOWNIESVILLE—*†Downie Pump Coo. (Steam & Gearcd Pumps, etc.)
DOWNINGTOWN—*†Downingtown Mfg. Co. (Paper Mill Mach'y)
DOYLESTOWN—*†Rufe Bros.
DRIFTON—†Coxe Bros. & Co.
DUBOIS—*†DuBois Iron Works (Steam Engines & Grey Iron Castings, etc.)
*†Osborne, Wm.
*Smyers & Rogers (Machinists)
DUNBAR—†Dunbar Furnace Co.
EAST BANGOR—*†East Bangor Mfg. Co. (Harness Snaps, etc.)
EAST BROOK—*Hinkson Bros. (Machinists)
EAST GREENVILLE—†Krauss & Haas (Castings, etc.)
EASTON—*Easton Brass & Machine Works
*†Easton Foundry & Machine Co. (Castings & Machy)
*†**INGERSOLL-SERGEANT DRILL** Co., The (Rock Drills, Air Compressors, etc.), 26 Cortlandt. Works: Easton, Pa. (See adv. index, end of book)
*†Sterlingworth Railway Supply Co. (Castings, Cars, Brake Beams, etc.)
*†Wilson Bros. (Bone Grinding Mach'y, etc.)
*†Wilson, Jacob (Est. of)
EAST PITTSBURG—*§Pittsburg Meter Co.
*†**WESTINGHOUSE ELECTRIC &** Mfg. Co. (See adv. index, end of book)
*†**WESTINGHOUSE MFG. CO.** (Electric Machinery, etc.). (See adv. index, end of book)
EAST STROUDSBURG—*†Stauffer, Geo E. (Engines & Flour Mill Mach'y, etc.)
EDDYSTONE — *Tindel-Morris Co. (Machine Tools, etc.)
EFFORT—*†Wagner, Geo.
ELIZABETHTOWN—*†Buch's, A. Sons Co. (Fanning Mills, etc.)
ELLWOOD CITY—*Ellwood Foundry Co.
*†Standard Engineering Co.
ELYSBURG—†Deshay, D. H.
EMAUS—†Donaldson Iron Co. (Cast Iron Pipe)
*†§Macunigle Brass & Mfg. Co.
EMLENTON—†Crawford, David A.
*Sheffer, G. M. (Machinist)
EMPORIUM—*†Emporium Machine Co.
EPHRATE—*†Miller, Jerome M.
ERIE—*American Beauty Gas Stove Works
*†Ball Engine Co. (Steam Engines, Machinery Castings, etc.)
*Bay State Iron Works (Portable Engines, etc.)
*Bay State Machine Co. (Gas Engines, etc.)
*Brown Folding Machine Co. (Paper Folding Machines)
*§Campbell, J. B. Brass Works (Brass Fdry. & Finisher & Plumbing Goods)
†Cascade Foundry Co. (Grey Iron Castings)
*Chapman, C. L. Cream Separator Works (Dairy Machy)
*†Erie Car Works (Cars)
*†Erie City Iron Works (Steam Engines, etc.)
*Erie Electric Motor Co. (Elec. Motors)
*†Erie Engine Works (Steam Engines, etc.)
*Erie Forge Co. (Forgings, etc.)
*†Erie Foundry Co. (Iron Fdrs. & Machy)
*Erie Machine Shops (P. W. Dietley, P) (Machinists & Machy)
†Erie Malleable Iron Co. (Malleable & Grey Iron Castings)
*Erie Mfg. & Supply Co. (Steam Engines, etc.)
*Erie Pump & Engine Co. (Engines & Pumping Machinery)
*Erie Specialty Co. Hdw. Specialties, etc.)
§Erie White Metal Co. (Babbitt Metal, etc.)
*†Germer Stove Co. (Stoves, etc.)
*Griffin Mfg. Co. (Builders' Hdw., etc.)
*†Globe Iron Works
*†Griswold Mfg. Co. (Fine Light Castings)
*§Hays Mfg. Co. (Iron & Brass Goods for Gas & Water)
*Herron & Bury Mfg. Co. (Air Compressors, etc.)
*§Hollands Mfg. Co. (Vises, Pipe Wrenches & Plumbers' Tools)
*†§Jarecki Mfg. Co. (Iron & Brass Fdrs., Malleable & Grey Iron Steam Fittings & Oil & Gas Well Supplies, etc.)
*§Keystone Brass Co. (Brass Fdrs. & Finishers)
*Keystone Electric Co. (Motors, etc.)
*Lake City Engineering Co. (Pumping Machy, Marine Engines, etc.)
*Lake City Machine Shop (Herman Ey, Prop.)
*Link, E. M. Machinery Co. (Saw Mill, etc.)
*§Lippold Valve Co. (Valve Mfrs.)
Lovell Mfg. Co. (Clothes Wringers, etc.)
*Marine Iron Works
§Metric Metal Works
*Modern Tool Co. (Dies, Tools, etc.)
*†Nagle Engine & Boiler Works (Steam Engines, etc.)
*†National Foundry Co. (Iron Fdrs., Car Wheels & Grey Iron Castings)
*§Noyes Brass Works (Brass Fdrs.)
*Odin Stove Mfg. Co. (Gas Stoves, etc.)

*Reed Mfg. Co. (Pipe Wrenches, etc.)
*Reifel Pump Works (Pumps, etc.)
*Sims Co. (Steam Specialties)
*†Skinner Engine Co. (Steeam Engines, etc.)
*†South Erie Iron Works (Stoves & Ranges)
*Standard Saw Mill Machinery Co.
*†Stearns Mfg. Co. (Engines, Locomotives & Saw Mill Machy)
*Steiner Mfg. Works (Tools, Emery Grinders, etc.)
*Taper Sleeve Pulley Works
†Walker Foundry Co. (Grey Iron Castings)
*Watson, N. A. (Boiler Injectors, etc.)
*Williams Tool Co. (Pipe Cutting & Threading Machines & Special Tools)
ETNA—§Roessing Bronze Co. (Brass & Bronze Fdrs., etc.)
EVANS CITY—*Elliott Bros. (Machinists)
EVERETT—*Karns, A. M. (Machinist)
†Pettigrew, Wm. & Jas. (Iron Fdry.)
FLEETWOOD—*†Fleetwood Foundry & Machine Co.
FOLTZ—*Berger, Appleton (Machinist)
FORD CITY—*†Pittsburg Plate Glass Co. (See Pittsburg, Pa.)
FRANKLIN—†American Steel Foundries (Steel Castings)
*§Angell Mfg. Co. (Brass & Steel Specialties & Oil Well Supplies)
*†**CHICAGO PNEUMATIC TOOL** Co. (See Chicago, Ill.)
*†Colburn Machine Tool Co. (Machine Tools)
*†Emery, W. N. & Son (Iron Fdrs. & Machinists)
*Franklin Motor Co. (Gas Engines)
*Franklin Portable Crane & Hoist Co. (Portable Cranes & Hoists)
*Franklin Sucker Rod Joint Co.
*§Hough, Chas. N. Mfg. Co. (Brass Fdrs. & Finishers, etc.)
*Keystone Drill Co. (Pneumatic Rock Drills & Air Compressors)
*†Lane, D. T. & Sons (Machinists)
*†Maloney, Geo. (Machinist, Engines & Oil Well Supplies)
*Sheperd Engineering Co. (Engines, etc.)
*Vogan, J. P. (Sucker Rods, etc.)
*Wilson, Henry M. (Gas Engines)
FREELAND—†Salmon Iron Co. (Grey Iron Castings, etc.)
FREEMANSBURG—*†§National Novelty Corpn. (Iron Toys & Iron & Brass Castings, etc.) (See New York)
*†Shimer, Wm. Son & Co. (Iron Fdrs. & Hardware Specialties)
FRYBURG—†Detar, D.
FULLERTON—*†Dent Hardware Co. (Refrigerator Trimmings, etc.)
*†Lehigh Car Wheel & Axle Works
*†Lehigh Foundry Co. (Light & Heavy Grey Iron Castings, etc.)
GETTYSBURG—*†Gilbert, Calvin
GIRARD—American Fork & Hoe Co. (See Cleveland, O.)
*Ely, Theo. J. Mfg. Co. (Hardware Specialties)
*Girard Wrench Mfg. Co.
†Lake Erie Foundry Co.
GLASSPORT—*American Axe & Tool Co.
†Pittsburg Steel Foundry (See Pittsburg, Pa.)
GLEN ROCK—*†Norrish, Burnham & Co. (Mechinists & Fdrs.)
GREENCASTLE—*†Greencastle Mfg. Co. (Agl. Implts., etc.)
GREEN PARK—†Rheems & Bro. (Iron Fdrs.)
GREENSBURG—†Brown-Ketcham Iron Works (See Indianapolis, Ind.)
*†Greensburg Foundry & Machine Co.
*†Hempfield Foundry Co., Ltd. (Mine Cars, Wheels, etc.)
*†§Kelly & Jones Co. (See Pittsburg Pa.)
GREENVILLE—*†Hodge Mfg. Co. (Iron Fdrs. & Machinists)
GROVE CITY—†Bessemer Foundry Co. (Grey Iron Castings)
*Bessemer Gas Engine Co. (Gas Engines)
*Carrouthers-Fithian Clutch Co. (Clutches, etc.)
*Smith, F. S. (Machinist)
GROVETON—*†Lewis Foundry & Machine Co.
HAMBURG—*†Loose, Saml. A. & Son (Plows, etc.)
†Neiman, Smith & Co.
†Seivert, Henry (Iron Fdrs.)
*Snell & Meharg (Machinists)
HANOVER—*†American Foundry & Machine Co. (Open Side Planers, Pulley Molding Machines & Machine Castings, etc.)
*†Fitz Water Wheel Co. (Water Wheels)
*Folmer, Jacob Machinist)
*Hanover Plow & Handle Co.
HARMONY—†Flowers, A. U.
HARRISBURG—*†Boll Bros. Mfg. Co. (Iron & Brass Bedsteads)
*†Harrisburg Foundry & Mach. Works (Steam Engines, etc.)
*†Harrisburg Mfg. & Boiler Co.
Harrisburg Pipe & Pipe Bending Co.
*Harrisburg Roll Grinding & Corrugating Co.
*†Hickok, W. O. Mfg. Co. (Bookbinders' Machy, etc.)
†Lalance & Grosjean Mfg. Co. (See New York City)
*Lemoyne Bicycle & Machine Co.
HAZLETON—Anthracite Separator Co.
*†Hazleton Iron Works Co. (Fdrs. & Machinists)
*†Jeansville Iron Work Co. (Steam Pumps, etc.)
*Schmauch, Henry (Machinist)
HITES—†Yost Bros. (Iron Fdrs.)
HOBART—*Baumgardner, Chas. W.
HOKENDAUQUA—†Thomas Iron Co. (Iron Furnaces)
HOLLIDAYSBURG—*†McLanahan Stone Machine Co. (Iron Fdrs. & Stone Working Machy, etc.)
*Robinson, R. W. & Co.
HOMER CITY—*Nix Machine Works (Machinists, etc.)
HOMESTEAD—*†Carnegie Steel Co. (Fdry. Dept.) (See Pittsburg)
*§Homestead Valve Mfg. Co. (Valves & Steam Goods, Iron & Brass Fdrs.)
*Lawson Mfg. Co. (Gas Burners & Water Heaters)
*†Mesta Machine Co. (Rolling Mill Machy. & Castings, etc.) (See Pittsburg)
HONESDALE—*Charlesworth & Canivan (Machinists)
*§Gebbs, Chas.
*†National Elevator & Machine Co. (Elevators, etc.)
HOOVERSVILLE—*Crissey, Elias
HOPEWELL—†Simon Bros. (Iron Fdry.)
HUGHESVILLE—*†Snowden Bros. (Iron Fdrs. & Machinists)
HULMEVILLE—*McCorkle, Chas. H.
HYDE PARK—*†Hyde Park Fdry. & Mach. Co. (Rolling Mill Machy. & Castings)
IDLEWOOD—*Snodgrass Mfg. Co.
INDIANA—†Clymer Mfg. Co. (Tuyere Irons, etc.)
†Indiana Foundry Co. (Iron Fdrs. & Feed Cutters, etc.)
IRVONA—*†Central Foundry & Car Co. (Iron Fdrs. & Cars, etc.)
IRWIN—*†Irwin Foundry & Mine Car Co. (Iron Fdrs. & Machinists)
*Penn Electrical & Mfg. Co.
JEANNETTE—*†Cappell Fan Works
*§Pittsburg Lamp, Brass & Glass Co. (See Allegheny, Pa.)
JEDDO—†Markle, G. B. & Co. (Foundry & Coal Miners)
JERSEY SHORE—*§American Balance Valve Co.
*†Trump, F. & E. (Iron Fdrs. & Machinists)
JOHNSONBURG—*†Johnsonburg Machine Co.
*Sage, C. H. (Machinist)
JOHNSTOWN—*†Cambria Foundry & Machine Co. (Iron Fdrs. & Machinists)
*†Cambria Steel Co. (Fdrs., Machinists & Steel Mfrs.)
*†Century Stove & Mfg. Co. (Stoves, etc.)
*†Lorain Steel Co. (Railroad Supplies, etc.)
*†National Radiator Co. (Radiators, etc.)
†Rosenstell, Wm. F. (Iron Fdry.)
*Smith, W. E. (Machinist)
KANE—*Kane Supply Co. (Machinists)
*United Saw Mfg. Co. (Saws & Saw Teeth)
KENNETT SQUARE—*†American Road Machine Co. (Road Making Machy, etc.)
*Electric Specialty Co. (Voltage Controllers, etc.)
*Good Roads Machinery Co. (Road Making Machy)
*Stiner, Wm. H. (Machinist)
KINGSTON—*†§Scranton Steam Pump Co. (See Scranton, Pa.)
KITTANNING—*†Kittanning Iron & Steel Mfg. Co.
†Kittanning Plate Glass Co. (Fdry. Dept.)
*†McCullough, Jas., Jr. (Iron Fdry., etc.)
*†Marshall, Jno. & Co. (Iron Fdrs. & Machinists)
*Pittsburg Writing Machine Co. (See Pittsburg, Pa.)
KNOX—*Corlett & Co. (Machinists)
KUTZTOWN—*†Kutztown Fdry. & Machine Co. (Iron Fdrs., etc.)
LACEYVILLE—Edwards Mfg. Co. (Log Turners, etc.)
LANCASTER—*†Best, Jno. (Est. of) (Steam Engines, etc.)
*†Blickenderfer, Richard (Iron Fdry. & Turbine Water Wheels)
*Calder, Geo. H. (Machinist & Emery Wheel Dressers)
†Carbon Steel Casting Co.
*Central Machine Works (Machinists)
*†Champion Blower & Forge Co. (Iron Fdrs., Blowers, Portable Forges, etc.)
*Dellinger, A. M. (Machines)
*Eicholtz, R. L. (Machinist)
*§Fraim, Edw. T. (Locks, etc.)
*Globish & Deitrich (Machinists)
*†Hubley Mfg. Co. (Iron Founders, Light Grey Iron Castings, Rough & Machined & Toys, etc.)
†Independent Foundry Co.
*Koch, Alfred S. (Jewelers' Tools, etc.)
*Kreider Machine Co. (Machinists)
†Lancaster Malleable Iron Works
*Lancaster Peerless Emery Wheel Co.
*Landis, Levi K. (Machinist)
*†Martin, Henry Brick Machine Mfg. Co. (Brick Machy, etc.)
†Martin, Wm. R. (Iron Fdry.)
*§Miller, J. Walter (Brass Fdry. & Finisher &Plating)
*National Mfg. Co. (Fifth Wheels, etc.)
*Peeples, Jno. A. Mfg. Co. (Machinists)
*Potts, D. H. (Portable Forges, etc.)
*Rote, A. B. & Co. (Bldrs.' Iron Work, etc.)
*§Slaymaker, S. R. (Locks & Builders' Hardware)
*Stehman & Coho Mfg. Co. (Watchmakers' Tools, etc.)
*Weichel, Jno. H. (Machinist)
*Welchans, Albert C. (Elevators, etec.)
LANDISVILLE—*Minnich Machine Works (Machinists)
*†Monitor Steam Generator Mfg. Co. (Heating Apparatus & Castings)
LANESBORO—*†Barnes Mfg. Co. (Machinists, etc.)
LANSDALE—*Clifton, E. H. (Lawn Mowers)
*†Cox, Abram Stove Co. (Stoves, etc.) See Phila., Pa.
*†Heebner & Sons (Agl. Implts., Threshers, Harrows, Feed Mills, etc.)
†Krupp Foundry Co. (Iron Fdrs., etc.)
LANSDOWNE—*†Howard, Geo. C. (Iron Fdry. & Machinist)
LATROBE—*†Gilligan, Jno. (Iron Fdry. & Machinist)
LATTIMER MINES—*†Pardee Bros. & Co. (Fdry. & Coal Mines)
LEBANON—*†American Iron & Steel Mfg. Co.
†Buchanan Foundry Co. (Iron Fdrs.)
*Hoffer, D. B. (Gas & Gasoline Engines)
*Keystone Mfg. Co. (Bicycles, etc.)
Lebanon Chain Works (See Standard Chain Co., Pittsburg, Pa.)
*†Lebanon Foundry (Iron Fdrs.)
*†Lebanon Stove Works (Stoves)
*†Tredwell, M. H. & Co.
Union Boiler & Mfg. Co.
*Weaver, Jos. (Machinist)
*†Weimer Machine Works Co. (Rolling Mill & Blast Furnace Machy., etc.)
LEHIGHTON—*Bower & Teets Mfg. Co. (Machinists)
*†Leighton Stove & Mfg. Co. (Stoves)
LEMOYNE—*Lemoyne Bicycle & Machine Co. (Machinists)
LENOVER—*Chalfant's, John N. Sons (Agrl. Implts., Threshers, etc.)
LEONA—Ely, E. C. Co. (Hdw. Specialties, etc)
LERAYSVILLE—*†Bailey, E. Martin (Iron Fdry. & Plows, etc.)
LEWISBURG—†New Central Foundry Co.
LEWISTOWN—*†Lewistown Fdry. & Machine Co.
*Mann Edge Tool Co. (Edge Tools, Axes, etc.)
LINDSEY—*Olson, Hans (Machinist)
*†Porter, G. W. & Son (Fdrs. & Machinists)
LINESVILLE—*Van Slyke, F. J.
LITTLE OLEY—†Colebrookdale Iron Co.
LOCUST VALLEY—*†Morey, Eugene A.
LUZERNE—†Engle, Geo. W.
Snyder, J. T. (Mine Drills, etc.)
McCONNELLSTOWN—†Bupp, Solomon
McDONALD—*Rank, H. W. (Oil & Gas Well Machy)
*Tillinghast, B. D. (Machinist)
McEWENSVILLE—†Gearhart, C. & Bro.
McKEESPORT—*†Keystone Fdry. & Mfg. Co.
*†Monongahela & Yough Foundry Co.
*†National Tube Co. (Fdry. Dept.) (See Pittsburg)
†Sheermesser, H. (Iron Fdry.)
McKEES ROCKS—*†Central Car Wheel Co. (Car Wheels, etc.) (See Pittsburg, Pa.)
†Fort Pitt Malleable & Grey Iron Co. (See Pittsburg, Pa.)
Fort Pitt Spring & Mfg. Co.

*McKay, Jas. & Co. (Chains, etc.). See Pittsburg
*†Penna. Malleable Co. (See Pittsburg)
*†Pressed Steel Car Co. (See Pittsburg)
McVEYTOWN—†Stine, Sam'l R.
MACUNGIE—†Miller & Rauch
*§Neumeyer Bros. (Brass Fdry. & Nozzles & Couplings)
MAHAFFEY—*†Standard Car & Foundry Co. (Mine Cars, etc.)
MAHANOY CITY*†Grant Iron Works (Steam Engines & Pumps, Car Wheels, etc.)
MANHEIM—*†Baum Separator & Machine Co. (Oil & Steam Separators & Light & Heavy Grey Iron Castings)
*Manheim Mill Works (Flour Mill Supplies, etc.)
MARIETTA—†Marietta Casting Co. (Iron Fdrs)
Marietta Hollow Ware & Enameling Co.
MARS—*Sheridan, Jno. J. & Co. (Machinists & Drilling Tools)
MARTINSBURG—†Martinsburg Foundry Co. (Plows, etc.)
MAUCH CHUNK—*†Stroh, W. H., Est. of (Mining Machy. & Castings)
MEADVILLE—†Curry & Co. (Iron Fdrs.)
*Dowdell, H. (Machinist)
*Lord, L. L. Co. (Machinists)
*McNair, M. H. (Machinist)
†Meadville Malleable Iron Co. (R. R. & other Castings)
*Meadville Vise Co. (Cylinder Boring Machines, Vises, etc.)
*Munhall Mfg. Co. (Machinists)
*†Phoenix Iron Works Co. (Steam Engines, etc.)
MECHANICSBURG—*†Comstock, Geo. S. (Mill, Mining & Farm Machinery)
*Potts Mfg. Co. (Machinists, etc.)
MEYERSDALE—†Boucher, Milton H. (Iron Fdry.)
*†Meyersdale Mfg. Co. (Iron Fdrs., Locks & Bldrs.' Hdw.)
*Miller, Wm. S. (Machinist)
MIDDLETOWN—*†Enterprise Mfg. & Repair Foundry
*†Middletown Car Works (Cars & Castings)
MIFFLINBURG—*†Albright, Jas. H. & Sons (Agl. Implts., Cultivators, Harrows, Rakes, etc.)
MILESGROVE—American Fork & Hoe Co. See Cleveland, O.
MILLERSBURG—*Brubaker, W. L. & Bros. (Stocks, Dies, Taps, etc.)
*Millersburg Fifth Wheel Co. (Fifth Wheels, etc.)
*Polk, A. J. & Son (Taps & Dies, etc.)
†Snyder, C. J.
MILLHEIM—†Hartman, J. H. B. & Co.
MILTON—*†American Car & Foundry Co. (See St. Louis, Mo.)
*†Colvin, Edw. F. (Machinist & Fdry.)
*†Shimer's, Saml. J. Sons (Ettinger Cutter Heads, etc.)
MINERSVILLE—*†Gildemeyer, Chas. A. (Iron & Brass Fdry. & Machinist)
MONACA—*†United States Sanitary Mfg. Co. (See Pittsburg, Pa.)
MONESSEN—*†Monessen Fdry. & Machine Co. (Gen'l Fdry. & Mach. Work)
*†Page Woven Wire Fence Co.
MONONGAHELA—†Coshocton Iron Co. (Iron Fdrs.)
*Liggett Spring & Axle Co. (Carriage Axles & Springs, etc.)
*†Monongahela Fdry. & Forge Co.
*†Monongahela Mfg. Co. (Iron Fdrs. & Mine Specialties)
*†Robinson Machine Co. (Mining Machinery, Steam Engines, etc.)
MONROETON—*†Booth, O. M. & Co. (Iron Fdrs & Machinists)
MONT CLARE—†Hallman, Oliver (Cast Iron Pipe Fittings)
MONTGOMERY—*†American Woodworking Machinery Co. (Woodworking Machy.). See New York City
MONTROSE—*†Beach, H. W. (Woodworking Machy.)
MORRELL—*†Union Furnace Mfg. Co. (Hot Air Registers, Shovels, Rakes & Hoes, etc.)
MOSCOW—†Schwartz, Philip
MT. BRADDOCK—*† Rainey, W. J. Main Office, Cleveland, O.
MT. CARMEL—*†Mt. Carmel Iron Works (Coal Mining Machinery, etc.)
MT. JOY—†Grey Iron Casting Co. (Light & Heavy Castings)
*Stauffer, L. N. (Gas Engines, etc.)
MOUNTVILLE—*†Mountville Mfg. Co. (Agl. Implts., Plows, Planters, Corn Shellers, etc.)
MUNCY—†Artley, Jno. (Agl. Implts.)
*Guyer, Clinton (Machinist)
*†Robinson Mfg. Co. (Flour Mill Machy.)
*†Sprout, Waldron & Co. (Flour Mill & Paint Grinding Mach'y, etc.)
MYERSTOWN—*Myers Bros. (Machinists)
*†Painter's, Jos. Sons (Iron Fdrs. & Machinists)
*†Stoever Fdry. & Mfg. Co. (Iron Fdrs. & Machinists, & Heavy Castings, etc.)
NANTICOTE—*Bittenbender, W. W. & Co. (Machinists & Mine Drillers)
NAZARETH—*†Nazareth Fdry. & Mach. Co. (Grey Iron Castings, etc.)
NEW BRIGHTON—†Calhoon Bros.
*Keystone Gas Engine Co.
*Leard, W. E. (Engines, etc.)
*† Logan & Strowbridge Iron Co. (Branch of National Novelty Corporation of New York) (Hardware Specialties, Castings, Feed Mills, Corn Shellers, etc.)
*Pierce-Crouch Engine Co. (Gas Engines)
*†Standard Sanitary Mfg. Co. (See Pittsburg, Pa.)
NEW CASTLE—*§American Car & Ship Hardware Co. (Brass Car Trimmings & Castings)
*§Douds, Frank C. & Co. (Steam Specialties & Brass Castings, etc.)
*New Castle Forge & Bolt Co.
*†Penna Engineering Works (Rolling Mill Machy. & Castings)
*†Pittsburg Stove & Range Co. (See Allegheny, Pa.)
*†Vulcan Foundry & Machine Co. (Rolling Mill Machy. & Castings)
NEWHAVEN—*Connellsville Mfg. & Mine Supply Co.
†Long, David (Iron Fdry.)
NEW HOLLAND—*New Holland Machine Co.
NEW KENSINGTON—§Aluminum Cooking Utensil Co.
*†Glenn Driller Co.
*§Pittsburg Reduction Co. (Aluminum & its Products)
NEW MILFORD—†Chapman, W. B. (Iron Fdy)
NEW OXFORD—*†Weaver Mfg. Co. (Feed Cutters, etc.)
NEWPORT—*†Juniata Furnace & Foundry Co. (Iron Fdrs., etc.)
NORRISTOWN—*†Fowler & Wolfe Mfg. Co. (Radiators). (See Phila., Pa.)
*§Haines. Jones & Cadbury Co. (See Philadelphia, Pa.)
*Levering, Edwin W. (Machinist)
*McMichael & Wildman Mfg. Co. (Knitting Machy., etc.)
*†Newbold, R. S. & Son Co. (Rolling Mill Machy. & Castings, etc.)
*Reading Screw Co. (Screws & Specialties)
*Rittenhouse, Frank (Confectioners' & Tack Machy., etc.)
*Rittenhouse, Wm. H. (Machinist)
*Rothe, O. & P. Mfg. & Supply Co. (Dyeing & Bleaching Machy.)
NORTH CLARENDON—*Clarendon Boiler Wks. (Gas & Gasoline Engines)
NORTH EAST—*§Eureka Tempered Copper Works (Commutators, etc.)
*†Fernald Mfg. Co. (Hardware & Harness Specialties)
*†Peabody, Jno. D.
NORTHUMBERLAND—*Keystone Forging Co. (Fifth Wheels, etc.)
NORTH WALES—*Challenge Machine Co. (Grinding Machines)
*†North Wales Foundry Co. (Stoves, etc.)
*North Wales Machinery Co. (Machine Tools)
OAKDALE—*Larkin & Kinney
OAKHALL STATION — *†Sellers, Edward (Plows. Planters & Feed Cutters, etc.)
OGONTZ—Hammond, C. & Son (Edge Tools, Hammers, Sledges, etc.)
OIL CITY—*Boardman, Robt. Co. (Oil & Gas Well Tools, etc.)
*Condrin, Wm. (Machinist)
*Logan, A. W. (Engines, etc.)
*Logan, Robt. (Engines & Oil Well Supplies)
*†National Transit Co.
*†Oil City Boiler Works (Steam Engines, etc.)
*†Oil Well Supply Co. (See Pittsburg, Pa.)
*†Reid, Jos. Gas Engine Co. (Gas Engines, etc.)
*Simon, August (Machinist)
ORANGEVILLE—†Connor, J. W.
OSCEOLA MILLS—*†Pie, Justin (Est. of) Mine Cars & Wheels & Mining Machinery)
*†Stinc, S. B. & Son (Iron Fdrs., Haulage Engines, Mine Fans, Mine Cars, Wheels, etc.)
PALMYRA—*Stahley, Wm. (Machinist)
PATTON—*Cole Bros. (Machinists)
PEN ARGYLE—*†Eilenberger & Roff
PENN STATION—†American Fdry. & Pipe Co. (See Pittsburg, Pa.)
PETROLIA—*Berry, O. P. (Machinist)
PHILADELPHIA—*†Adams, Wm. & Co. (Iron Fdrs., Builders & other Castings, etc.), 960 N 9th
*§Adams & Westlake Co (Brass Fdrs. & R. R. Specialties, etc.), 2042 N 10th
*§Ajax Metal Co. (Brass Fdrs., Smelters & Bearings, etc.), 48 Richmond
*Albro-Clem Elevator Co. (Elevators), 7th & Glenwood av
*Allen, Alonzo W. (Machinist), 2423 Mascher
*Allen, A. & Co. (Machinists), 630 S 19th
*†Allen, S. L. & Co. (Agl. Implts.), 1107 Market
†Allentown Foundry & Machine Works, 713 Chestnut
*Altemus, Jacob K. (Textile Machy), 2824 N 4th
*Alteneder, Theo. & Sons (Drawing Instruments, etc.), 945 Ridge av
*†American Bridge Co. (Pencoyd Works), 261 S 4th
*American Fork & Hoe Co., Frankford. See Cleveland, O.
†American Foundry & Furnace Co., 872 Drexel bldg
*American Machine Co. (Ltd.) (Textile Machinery), 366 Phila. Bourse
*American Metal Edge Box Co., 2115 S 8th
*§American Meter Co., 22d & Arch
*†American Pulley Co. (Pulleys, Bushings, etc.), 29th & Bristol
*Anderson, J. B. & Co. (Confectioners' Machinery & Tools), 422 N 6th
*Ashman, S. A. & Son (Machinists), 237 Cherry
*Atlantic Works (Inc.) (Woodworking Machinery). 23d & Arch
*Austin Machine Works, 819 N 5th
*Bagshaw & Field (Machine Tools), 317 Cherry
*†Baizley, Jno. T. Iron Works (Builders' Iron Work & Castings), 514 S Del. av
*†Baldwin Locomotive Works (Locomotives, etc.), 500 Broad
*Barber & Furner (Machinists), 429 N Orianna
*†Barker, Jas. Iron Works (Iron Fdry., Cotton & Woolen Machy. & Gray Iron Castings), N 6th & Cayuga
*Barnes & Erb Co. (Laundry Machy.), 3846 Lancaster av
*Batt, Richard & Son (Machinists), 407 Columbia av
*Beck & Druschel, 224 Callowhill
*†§Belfield, H. & Co. (Iron & Brass Fdrs. & Malleable Iron Fittings & Steam Specialties, etc.), 435 N Broad
*†Bellwood Mfg. Co. (Iron Fdrs. & Machinists), Penn Sq Bldg. Works, Bellwood, Pa.
*†Belmont Iron Works (Bldrs.' Iron Work, etc.), S 22d & Wash'n av
*Bergman, G. & Co., 709 N Broad
*Berkholtz, Jno. P. (Machinist), 409 Cherry
*Bernhardt, Chas. H. Mfg. Co., 1007 Gtn. av
*†Bernstein Mfg. Co. (Metallic Bedsteads), Adams & Coral
*Bethlehem Foundry & Machine Co., Land Title bldg
*Bickel, Fred'k L. (Millwright & Steam Traps), 1348 Palmer
†Biggin, Chas. P. Co. (Iron Fdrs. & Bldrs. Iron Work), 1829 Harlin
*Bilgram, Hugo (Gears & Gear Cutting), 1235 Spring Garden
*Billington, Jas. H. Co. (Textile Mach'y), 113 Chestnut
*Bishop, J. B., 1060 Gtn. av
*Black, Geo., 2612 Coral
*Blessing, C. A. (Plumbing Specialties, etc.), 516 Montgomery av
*Bloemker, H'y W., 219 S American
*Boekel, Wm. & Co. (Metal Spinning, Force & Test Pumps, etc.), 518 Vine
*Boord, Edw., 618 Chestnut
*Bonney Vise & Tool Works (Inc.), 3015 Chestnut
*Borchers, Richard C. & Co. (Textile Machinery), Womrath & Tackawanna
*Bowman, Geo. T. Machine Co. (Machinists, etc.), Fkd. av c Worrell
*Box, Alfred Co. (Cranes, Hoists, etc.), 13 N Front
*Bradford Wool Comb Co., 2630 Mascher
*Branson Machine Co. (Knitting Machy), 506 N American

*†Braun, Jno. & Sons (Lawn Mowers, etc.), 1615 N 23d
*Brenner, Jos. N., 2d c Diamond
*Bridesburg Machine Co. (Textile Machy), Pratt & Garden bldg
*†§Bril, J. G. Co. (Car Builders, etc.), S 62d & Woodland av
*Brinton, H. & Co. (Knitting Machy), 213 Race
*Brohard Co. (Hardware Specialties, etc.), 1624 N 9th
*Brous, T. Miles (Plows), Krewston Rd. Bln
*†Brown, E. E. & Co. (Iron Fdrs. & Mfrs. of Sash Weights & Specialties), McKean & Meadow
*Brown, Wm. G., 923 S 12th
*Bullock, Chas. K. (Flour Mill Machy), 1361 Ridge av
*§Bureau Bros. (Bronze & Brass Fdrs. & Statuary, etc.), N 21st & Allegheny av
*Burns, J. F., 527 N. 9th
*Butler, Eli T. (Flour Mill Machy), 101 Girard av
*†Butterworth, H. W. & Sons Co. (Textile Machy.), E York & Cedar
†Cambria Iron Co., Arcade bldg
*†Camden Iron Works (Fdrs., Machinists & Pumping Machy), 400 Chestnut. Works, Camden, N. J.
*Campbell, P. F. (Millwright & Machinist, Steam Engines, Grinding Mills, etc.), 51 Laurel
*Campbell, Thos. J. (Machinist), 974 Beach
*Carnell, Geo. (Est. of) (Brick Machinery), 1819 N 5th
*Carr, Jos. (Special Machy. & Optical Grinding Tools), 132 N 7th
*Carver, C. R. Co., 15th & Lehigh av
*§Carver & Howell (Brass Fdrs. & Machinists), 122 N Franklin
*§Caskey, Wm. & Son (Brass Fdrs., etc.), Beach & E Norris
*Central Machine Co. (Machinists), 732 Sansom
*†Chambers Bros. Co. (Brick & Paper Folding Machy., etc.), N 52d & Lancaster av
*Champion Candy Machine Co. (Confectioners' Machy.), Gtn. av nr York Rd
*Champion Machine Co. (Textile Machy., etc.), c N American & Diamond
*Clad, V. & Sons, Inc. (Cooking Apparatus, French Ranges, etc.), 239 S 12th
†Clark, Alfred J. (Iron Fdry.), S 35th & Grays Ferry av
*§Clay, Jno. H. (Brass Finisher & Fire Dept. Supplies, etc.), 1320 Ridge av
*Clemen's, Francis Sons (Machinists), 2402 Hope
*Cohen, Saml. B., 141 N 2d
§Cohocksink Brass Foundry. 439 Berks
*Coleman & Gorsuch (Machinists), 131 N 3d
*Coles Mfg. Co. (Grinding Mills, etc.), 1615 N 23d
*Colladay, Jos. O. (Woodworking Machy), 624 Race
*§Comfort, Ezra & Co. (Steam Fitters' Supplies), 921 Filbert
*Conde, Jas. B., 625 Commerce
*Conrad-White Forge & Machine Works, 1323 Quarry
†§Conroy, Patrick J. (Iron & Brass Fdry.), 75th & Island av
*Cook, Chas. R., Sr. (Engineer & Machinist), 150 N 6th
*Cook, Stephen S. (Machinist), 624 Race
*Cooper, Dyer (Machinist & Pumps), 615 Galloway
*§Cooper, W. S. Brass Works (Brass Fdrs. & Finishers, Plumbing Goods), 437 N 12th
*Corliss Engine Works (Geo. Richards, Prop.) (Engines), 2601 N Howard
*Cornell, Elijah R., 922 N 19th
*†Cox, Abram Stove Co. (Stoves & Heating Apparatus), Builders' Exchange
*†Cox & Sons Co. (Inc.) (Steam Engines & Pipe Cutting & Threading Machines), 215 Race. Works, Bridgeton, N. J.
*Craemer, Fred'k (Machinist & Anchors, Chains, etc.), 1220 Beach
*†§Cramp, Wm. & Sons Ship & Engine Building Co. (Steel Ships, Marine Engines, etc.), Beach & Ball
§Crescent Phosphorized Metal Co., 2109 Indiana
*†Cresson, Geo. V. Co. (Power Transmitting Machinery, Rock Crushers, etc.), 17th & Allegheny av
*†Creswell, Saml. J. Iron Works (Inc.) (Iron Fdrs. & Bldrs.' Iron Work), 23d & Cherry
*Cunningham Mfg. Co. (Bottlers' Machy), 113 N 7th
*Cunningham's, H. E. Sons (Machinists & Pipe Fitting), 2137 E Firth
*Dallett, Thos. H. & Co. (Pneumatic Tools, etc.), 2303 York
†**DAVIS, RODNEY (Gears), 626** Race. (See adv. index, end of book)
*Deissler, P. & Bro. (Machinists), 511 Cuthbert
*Denegre, Sebastian A., 452 N 56th
*†§Devlin, Thos. Mfg. Co. (Malleable & Grey Iron & Brass Fdrs., Malleable Iron Fittings & Carriage & Saddlery Hardware, etc.), N 3d & Lehigh
*Dewees, Jno. W. (Machinist), 640 Filbert
*Diamond Textile Machine Works (Textile Machy., etc.), 2101 N 2d
*†Dienelt & Eisenhardt (Inc.) (Iron Fdrs.' Hydraulic Jacks, Power Hammers, etc.), 1304 N Howard
*Dietz Machine Works (Engineers & Machinists), 228 Cherry
*Diflo, Harry, 446 N 12th
*Dill, T. C. Machine Co. (Machine Tools & Sloting Machines, etc.), Somerset & Mascher
*†Diller, Caskey & Co. (Stoves), N 6th c Berks
*†Disston, Henry & Sons, Inc. (Saws, Tools, etc.), Tacony & N Front c Laurel
*Dock, Herman (Engineer & Machinist), 905 N Carlisle
†Donaldson Iron Co. (Cast Iron Pipe), Betz bldg. Works, Emaus, Pa.
§Drexel Institute, 32d & Chestnut
†Dunbar Furnace Co., Bullitt bldg
*§Dunn, N. Carman (Brass Fdry.), 6 N 6th
*Eagle Gear & Machine Co. (Gear Cutting Machines, etc.), Oxford & Mascher
†Eagle Iron Works, 1164 N 3d
*Earl Gear & Machine Co. (Gearing of all Descriptions), Oxford & Mascher
*Eccles, Jas., 2424 Amber
*Eckersley, Richard (Textile Machy), 214 W Dauphin
*Electric Machine Works, 112 N 6th
*Electric Railway Equipment Co. (Electric Motors, Armature Rewinding, etc.), 31st & Chestnut
Electric Storage Battery Co. (Storage Batteries, etc.), 19th & Allegheny av
*Electro-Dynamic Co. (Dynamos & Motors), 226 Ionic
*Ellison Bros. (Machine Tools, etc.), 2213 Bridge, Fkd.
*Energy Elevator Co. (Elevators), 411 Cherry
*Engels, Robt. (Est. of) (Machinist), 338 N 11th
*†Enterprise Mfg. Co. (Meat Choppers, Lawn Mowers & Sprinklers, & Hdw. Specialties, etc.), 3d & Dauphin
*Eppler's, Jno. Machine Works (Machinist), 629 Filbert
*Ervien, Chas. W. & Co. (Machinists), 420 Memphis
*Espen-Lucas Machine Works (Machine Tools, Cold Saws, etc.), 1347 Noble
§Eureka Brass Foundry (Brass Fdrs.), 328 Noble
*Evan's, Jno. Sons (Car & Carriage Spring & Leather Machy), 506 N 13th
*§Evans, S. W. & Son (Brass Goods), 4623 Paul, Fkd
*Exchange Machine Co. (Machinists), 624 Filbert
*§Eynon-Evans Mfg. Co. (Engineers' Specialties & Brass Fdrs.), 1509 Clearfield
†Ferro-Carbon Castings Co., 308 Walnut
†Ferrofix Brazing Co., 212 S Ferry
*Fidelity Machine & Metal Co. (Henry E. Haupt, Prop.), 1416 Wash'n av
*Fischer & Risley (Machinists), 328 Vine
*†Flagg, Stanley G. & Co. (Iron & Steel Fdrs., Steam Pipe Fittings, etc.), 424 N 19th
*†Florence Iron Works (Iron Fdrs. & Machinists), 400 Chestnut. Works, Florence, N. J.
*§Ford Bros. & Co. (Machinists & Brass Fdrs.), 243 S Front
*†Fowler & Wolfe Mfg. Co. (Radiators, etc.). Bourse bldg. Works, Norristown, Pa.
*§France Steam Packing Co. (Inc.) (Metallic Packing, etc.), State rd, Tac.
*Francis & Morton Machine Co. (Machinists), Manayunk
†Frankford Iron Foundry Co. (Iron Fdrs., Bldrs. & Machinery Castings), 9th & Montgomery av
*Frankford Machine Works, Hedge c Gillingham, Fkd.
*Frick, Horace E. Co. (Grate Bars & Castings), 715 St James
*Fullard Mfg. Co., 624 Filbert
§Fullerton, Frank S. (Brass Fdry. & Smelter), 438 E Girard av
§Furlow Sanitary Brass Wok Co., 2020 E Willard
*Garrett, Geo. W. & Co. (Machinists), 310 Master
§Gaumer, John L. Co., N E c 19th & Hamilton
*Gefrorer, C. & Son (Gas Burners & Brass Goods), 248 N 8th
*Genth, Chas. H. (Machinist), 2007 Oxford
*Germantown Tool Works (Tools, etc.), 57 Armat Gtn
*Gibson, Wm., 3926 Warren
*†Girard Iron Works (Iron Fdrs. & Machinists, Brewers' Mach'y, Castings, etc.), N 22d & Master
*Girard Machine Works (Machinists, Engineers & Millwrights), 2616 Girard av
*Girard Machine & Tool Co. (Machy. & Tools), 491 N 3d
*Glaser Mfg. Co. (Machinists), 330 E Girard av
*Gleason, Francis (Machinist), N 2d & Fishers av, Olney
*Globe Machine Works (Denn & Crocker, Props.), (Warping Machy.), Church c Tackawanna, Fkd.
*†Gloucester Iron Works (Iron Fdrs., etc.), Arcade bldg
†Glover Bros. (Iron Founders & Hdw. Specialties), Paul & Vandyke, Fkd.
*Goldner, Henry & Son (Machinists & Boilernmakers), Tasker St. Wharf
*Gomersall, Jas. H., 620 Cherry
*Gomersall, M. L. Machine Works, 620 Cherry
*Gordon, Wm. J., Est. of (Machinist, Die Maker), 235 Bread
*§Griffiths, F. E. (Meter Movements, etc.), 726 Girard av
*§Griffiths, Jas. J. (Injectors, etc.), 500 N 12th
*Griffin, Jno. J. & Co. (Gas Meters, etc.), 1513 Race
*Griscom & McFeely (Flour Mill Machy), 521 N 23d
*Grissinger Machine Works, 906 Quarry
*Groth, J. Harry, 629 Filbert
§Guest, Geo., 4416 Market
*Haggenmiller, L. & Bros., 827 N 4th
*§Haines, Jones & Cadbury Co. (Brass Fdrs., Plumbers' Brass Goods & Supplies), 1136 Ridge av. Works, Norristown, Pa.
*§Hale & Kilburn Mfg. Co. (Furniture Trimmings, etc.), 48 N 6th
*†Hallman, A. Stove Co., 2627 E York
*§Hallstead & Co. (Brass Fdrs. & Finishers,), 1129 Cherry
*Halton's, Thos. Sons (Textile Machy), E Allegheny av & C
*Hankey, A. & Co. (Paper Mill Engines, etc.), 2235 Vine
*Harley, Howard W., 2515 Gtn. av
*Harman Bros. (Machinists), 1044 S Chadwick
*Harrington, Edwin Son & Co. (Machine Tools, Chain Hoists, etc.), N 15th & Penn av
*Harris Bros. Co. (Gas Meters, etc.), 801 N 12th
*†Harrison Safety Boiler Works (Steam Separators & Boilers, etc.), 17th & Allegheny av
*Harrison's, Wm. H. Sons (Engineers & Machinists), 1708 Ludlow
*Hart, Chas. (Machinist), 2502 N Warnock
*§Hartman Co. (Englneers, Machinists, Brass Fdrs. & Gas Service Cocks, etc.), 1233 N Front
*Harton, Pembroke D. (Bakers' Machy), 1431 Fairmount av
*Haslam, Wm. & Son, 424 Vine
*Hatton, Wm. B. & Co. (Gas Cocks, Fittings, etc.), 460 Orianna
§Heller & Brightley (Mathematical Insts.), Ridge av & Spring Garden av
*Helme & McIlhenny (Gas Meters, etc.), 1339 Cherry
*Henderson Machine Co. (Machy. Mfrs.), 5032 Gtn. av
*Hentschel, Chas., 4012 N 6th
*Hepworth, Jno. W. & Co. (Textile Machy), cor Mascher & Lehigh
*Hess Machine Works, Jno. A. Hess (Machinist & File Machy), 2512 Callowhill
*Hess & Barker (Engineers & Machinists, Tablet Machines), 605 Sansom
*§Hey, M. Mfg. Co. (Brass Fdrs. & Brewers' Specialties), 637 N 3d

*Heydrick, Wm. H. H., 121 Bethlehem pk c Hill
*Hibbard, Fredk. B. (Machinist), 1249 E Chelten av. Gtn.
†Harrisburg Foundry & Machine Works, Betz bldg
*Hilbert, F. J. & Co., 5161 Stiles
*§Hill, B. B. Mfg. Co. (Brass Fdrs., Copying Presses, etc.), 1020 New Market
§Hoag, Ralph C. & Co. (Brass Fdrs.), 1146 Catharine
*Hodsou's, Geo. & A. Pulley Depot (Pulleys, etc.), 226 Arch
*Holt, A. Grant, 2409 Spring Garden
*§Homer Brass Works (Inc.) (Brass Fdrs. & Finishers), 231 Race
*Hood, R. H. (Machine Wool Combs), 1213 Day
§Hooks Smelting Co. (Brass Fdrs. & Smelters, etc.), N Broad & Hamilton
*†Hoopes & Townsend Co. (Bolts, Nuts, Washers, etc.), 1330 Buttouwood
*§Horn & Brannen Mfg. Co. (Inc.) (Gas Fixtures & Brass Fdrs.), 427 N Broad
*Horridge & Hinmau (Machinists), 148 N Sheridan
†Horrocks Iron Works, 234 N Broad
*Horwitz & Taiz, 934 Moyam'g av
*Howieson, John, 138N 6th
*Hunter, Robt. & Son (Textile Machy.), Bristol & Gtn. av
*Hyde, Wm. (Engineer & Machinist), 3737 Filbert
*Insinger Co. (Textile Machy.), Stenton av n Luray, Gtn.
*International Sprinkler Co. (Automatic Sprinklers), 517 Arch
*Jaeger Automatic Vending Machine Co. (Slot Machines), 2238 N 9th
*Jasper Machine Co., Jasper c E Westmoreland
*Jensen, H. Jalmar (Machinist), 237 S American
*Jesson, Jno. B. (Machinist), 208 New
*Johnson, Bruce, 618 N Broad
*Johnson, Israel H., Jr., Co. (Inc.) (Machine Tools & Brass Finishers' Tools). 337 N 15th
*Johnson & Bechtel (Machinists), 458 N Orinna
Jones, Lewis (Machinist, Knitting Machinery), Media c Edgewood
Jones & Rogers Co. (Machinists), 327 New
†Juniata Furnace & Foundry Co. (Iron Fdrs.), 30 Girard av
*Kaltenthaler, Henry J. (Machinist), 234 Cherry
*Kelley Bros. & Spielman (Belt Lacing Machines), S Swanson & Moore
*†Kensington Engine Works, Ltd. (Inc.) (Engines, etc.), Beach & E Berks
*Kensington Machine Works (Machinists), 2642 Mascher
*Kerr, John J., 1012 Pearl
*Keyser, Lester C. (Machinist), 116 S 6th
§Keystone Brass Foundry Co. (Brass Castings), 1837 N 2d
§Keystone Brass Works, 1152 Gtn. av
*Keystone Electrical Instrument Co. (Electric Instruments), 901 Montgomery av
*Keystone Engine & Machine Works, 112 Drexel ct
*Keystone Iron Furniture & Mfg. Co. (Special Machy. & Experimeutal Work), 21st &Alleghany
*Keystone Knitting Machine Mfg. Co. (Knitting Machy.), 2600 N 6th
*Keystone Machine Tool Works (Machine Tools), 1037 Ridge av
Keystone Spring Works (Cariage Springs, etc.), 500 N 13th
*†Keystone Type Foundry Co. (Paper Ruling Machines, etc.), 9th & Spruce
*Kinetic Electric Co. (Dynamos & Motors), 16 S Schell
*§Kirn, M. L. & Bro. (Brass Fdrs.), 2135 N Lawrence
*§Kitson Hydro-Carbon Heating & Incandescent Lighting Co.
§Klause Chas. (Brass Fdry. & Metal Spinning), 1204 Nectarine
*Klein, Chas. C. (Mill Engineer & Machinist), 2850 N Marshall
*§Klenk, Jno. (Machinist), 1821 S Water
†Koch & Fox (Iron Fdrs. & Sash Weights), N 22d & Glenwood av
*Krauss, Chas. S. A. (Machinist), 1406 Oxford
*Kress, Chas. C. (Machinist), 911 Vine
§Krips, Chas. (Brass Fdry.), 716 Cherry
*Kruger & Blind Co. (Machinists), 513 Master
*Lampe & Bartels (Machinists), 115 N Front
*†Lancaster Castings Co. (Machinists & Fdrs.), Penn sq bldg. Works, Lancaster, Pa.
*Langston, Saml. M., 812 Winter
*Lauston Monotype Machine Co. (Machinists), 1231 Callowhill
§Lapp, Davis C. (Brass Fdry.), 718 Cherry
*Large, Stephen D., 1228 Filbert
*†Latrobe Steel & Coupler Co. (Steel Castings, Car Couplers, etc.), Girard bldg
*Lehmann, August J., 1218 Mascher
*†Leibrandt & McDowell Stove Co. (Stoves), E Girard av & E Norris
*Lever, Oswald (Textile Machy), Lehigh av & Mascher
*†Levering & Garrigues Co. (Steel Structural Work, etc.), 3302 Ludlow
*Liberman, Isadore Mfg. Co. (Cigar Machinery), 225 S 5th
*†Liberty Stove Co. (Stoves, etc.), 114 N 2d
†§Lindsay, Wm. A. (Iron & Brass Fdrs.,) 217 Krams av, Manayunk
*Lindsay, Hyde & Co. (Machinists), 2124 E York
*†Link Belt Engineering Co. (Elevating & Conveying Machy), Nicetown
*Lippman, Sam'l (Slot Machines), 1914 N Franklin
*§Lonergan, J. E. & Co. (Brass Fdrs. & Finishers & Steam Specialties), 211 Race
*Loomis-Manning Filter Co. (Water Filters), Land Title bldg
*Lorimer Machinery Co. (Textile Machy.), Ontario & N Lawrence
§Luckhardt, Godfrey, Jr., 439 Berks
§Lukens, Thos. F. (Canning Factory Supplies), 238 N 4th
*Lusse Bros. (Machinists), 819 N Lawrence
*Lutner, Wm., Jr. (Machinist), 1603 S Front
*Lyons, Chas. H., 625 Commerce
*Lynwood Mfg. Co., Allegheny av c N 2d
*§McCambridge & Co. (Ltd.) (Brass Fdrs. & Finishers & Plumbing Goods), 523 Cherry
§McHatton Smelting Co. (Brass Fdrs. & Smelters), 1500 Wash'n av
*McLaughlin Bros., Land Title bldg
*McMichael, Abner (Machinist), 22 Armat, Gtn
*McMillan, Frank, 5432 Tacony, Fkd.
*McRae, Wm. T., 1527 N 30th
*Maerky, Emil, 132 Arch
*Maignen Filtration Co. (Filter Mfrs.), 1310 Arch
*Manufacturers Electric Co., E Lehigh av c Potter
*Maris Bros. (Cranes, etc.), S 56th & Gray's av
*Mayall, Louis A. (Machinist), 731 Ludlow
*Mayo Knitting Machine & Needle Co., 56 N 6th
†Meerbach & Schneider (Iron Founders, Machy. Castings, etc.), 1612 Vandike, Fkd.
§Melzer, Saml. M. (Brass Fdry.), 205 Quarry
*Mercury Machine Co. (Inc.), 1328 Olive
*Middleton, E. H. (Machy.), 1527 Hedge, Fkd.
§Midland Metal Works, 1026 Filbert
*§Miller Lock Co. (Locks, etc.), 4523 Tacony
*Mills, Thos. & Bros. (Inc.) (Brass Fdrs. & Confectioners' Machy.), 1037 N 8th
*Minard, Chas., 138 N 6th
†Mitchell, Alex. & Co. (Iron Fdrs.), 2049 N Marshall
*Mitchell, J. Henry (Bakers' Mach'y), 823 N 13th
*Mitchell, John (Millwright, Machinist & Bldrs.' Iron Work), 2224 Vine
*Modern Mfg. & Plating Co. (Inc.) (Machinists & Plating), Cornelius bldg
*†§Moore, E. J. Machine & Foundry Co. (Mills & Pulverizers & Iron & Brass Fdrs., Melting Capacity 15 Tons an Hour), 2227 Wood
*†Moore &White Co. (Iron Fdrs. & Machinists, Paper & Pulp Mill Machy., etc.), 15th & Lehigh av
*†Morris, I. P. Co. (Engines, Pumps, Turbines, Castings, etc.), Beach & Ball
*Morris, P. Hollingsworth (Machinist, Special & Hydraulic Machy.), Dickinson c Front
*†Morse, Williams & Co. (Elevators, Worm Gears, etc.), West End Trust bldg
*Motor Vehicle Power Co. (Marine Gasoline Motors, etc.), 310 W 16th
*§Mousley, Chas. & Sons (Brass Fdry. & Marine Hardware), 453 N 12th
†Murphy Iron Works, Stephen Girard bldg
*Murset, Fred'k A. (Models & Experimental Work), 830 Race
*§Nacke, A. & Son (Brass Fdrs., Machinists & Special Machy.), 723 Sansom
*National Automatic Knitting Co. (Inc.) (Textile Machy., Knitting Machines, etc.), 728 Cherry
*National Machine Co. (Butonhole Mach'y), 120 N 7th
*National Specialty Mfg. Co. (Drug Mills, etc.), 3d & Lehigh av
*Naughton & Wiemar, E Westmoreland c Jasper
*†Naylor, John S. (Engineer & Iron Fdry.), Front & Girard av
*Nazel Eugineering & Machine Works (Machinists & Machine Tools, etc.), 1046 Ridge av
*†Neafie & Levy Ship & Engine Building Co. (Steel Ships, Marine Engines, etc.), 1336 Beach
*†Newton Machine Tool Works (Inc.) (Machine Tools), 2347 Vine
*†Niles-Bement-Pond Co. (Machinists & Machine Tools), Miffin c Meadow. (See New York City)
§North American Smelting Co., 9th & Thompson
*§North Bros. Mfg. Co. (Brass & Iron Fdrs. Hardware & Specialties), Lehigh av & American
*North Penn Iron Co. (Cranes, etc.), N 3d c Sedgley
*Novelty Electric Co. (Electric Specialties), 50 N 4th
†Novelty Iron Works, 3120 Market
*Nye & Tredick Co. (Textile Mach'y), 606 Arch
O'Neill Elevator Co. (Elevators), 628 Cherry
*§Oat, Jos. & Sons (Sugar Machy. & Coppersmiths), 732 Quarry
***OLDHAM, GEO. & SON (Pneumatic Tools), Fkd. (See adv. index, end of book)**
*Olsen Tinius & Co. (Testing & Hydraulic Mach'y), 500 N 12th
*Orum, Morris L. (Machinist), 503 N 11th
*§Ott, Geo. F. (Iron & Brass Works), 209 Buttonwood
*†Otto Gas Engine Works (Gas Engines), 33d & Walnut
*Paiste, H. T. Co. (Electrical Specialties), 3101 Ludlow
*Parke, John Y. & Co. (Electrical Specialties), 728 Cherry
Parker Engine Co. (Engines & Boilers), Drexel bldg
*Parker, S. & Son (Machinists), 49 E Rittenhouse, Gtn.
*Parsons, J. D. & Son (Machinists), 2531 Poplar
*Partrick, Carter & Wilkins (Electrical Specialties), 1231 Callowhill
***PAXSON, J. W. CO. (Foundry Supplies & Machy.), 45 N Delaware av (See adv. index, end of book)**
*Paxton & O'Neill (Knitting Machines), 129 Bread
*Pearce, Geo. B. & Co., 2316 N 8th
*Pedrick & Smith (Machinists), 222 E Girard av
*Peerless Belt Lacing Machine Co. (Belt Lacing Machines), Swanson & Moore
†Penn Iron Foundry (Iron Fdrs.), Hedge & Gillingham, Fkd.
*†Pennsylvania Iron Works Co. (Gas Engines, Ice Machines, etc.), 5001 Lancaster av
*†Penna Steel Co. (Railroad Specialties & Steel Mfrs., etc.), Girard bldg; works, Steelton, Pa.
*§Perkes, Chas. (Brass Fdr. & Plumbing Goods), 627 Arch
†Perseverance Iron Foundry, Ltd. (Iron Fdrs.), 822 Latonia
*Philadelphia Air Brake & Machinery Co., Real Est. Trust bldg
§Philadelphia Art Metal Mfg. Co., 217 New
*Philadelphia Drying Machinery Co. (Textile Mach'y), 6721 Gtn. av
*Philadelphia Electric & Mfg. Co. (Electrical Specialties), 1011 Market
*†Philadelphia Engineering Works (Branch of Niles, Bement, Pond Co.), Mifflin & Meadows
*†Philadelphia Foundry & Machine Co. (Heavy Grey Iron Castings, Locomotive Cylinders a Specialty), 30th & Oakford
***PHILADELPHIA GEAR WORKS (Inc.) (Gears, etc.), 127 N 7th. (See adv. index, end of book)**
*†§Philadelphia Hardware & Malleable Iron Works (Iron & Brass Fdrs., etc.), 9th & Jefferson
†Philadelphia Iron Works, 1815 Shamokin

*Philadelphia Lawn Mower Co. (Lawn Mowers, etc.), 3101 Chestnut
*Philadelphia Machine Screw Works, 624 Race
*Philadelphia Machine & Mfg. Co. (Special Machinery & Marine & General Machinists), 67 Laurel
*Philadelphia Novelty Mfg. Co. (Inc.) (Hardware Specialties, etc.), 427 N 13th
***PHILADELPHIA PNEUMATIC** Tool Co. (Pneumatic Tools), 21st & Lippincott. (See adv. index, end of book)
*†Philadelphia Roll & Machine Co. (Rolling Mill Mach'y & Castings), 23d & Washington av
*†Philadelphia Steel & Iron Co. (Steel Castings, etc.), Frankfort
*†Philadelphia Stove & Iron Foundry Co. (Iron Fdrs. & Stoves, Ranges & Grey Iron Castings), 1631 N 5th
*Phila. Textile Machinery Co. (Textile Machinery), Hancock & Somerset
*†Phoenix Iron Co. (Iron Fdrs. & Machinists & Steel Mfrs.), 410 Walnut; works, Phoenixville, Pa.
*§Phosphor-Bronze Smelting Co. (Brass Bronze & Composition Castings, etc.), 2200 Washington av
*Plumb, Fayette R., Inc. (Edged & R. R. Track Tools, etc.), Tucker & Penna. R. R. Fkd.
*Power, L. & Co. (Woodworking Machy.), 20 S 23d
*Pressed Steel Mfg. Co. (Ball Bearings, Bearings, etc.), 1038 Ridge av
*Purves Machinery & Iron Co. (Machinists), 17 South
*Quaker City Electric Co., Inc. (Dynamos & Motors), 2036 Lippincott
*†Quaker City Metallic Bedstead Co., Mascher & Jefferson
*§Queen & Co. (Scientific Insts.), 1010 Chestnut
*Quimby Engineering Co. (Machinists), 915 Ridge av
*Railway Steel Spring Co. (R. R. Springs, etc.), 1028 Newmarket. (See New York City)
*Reeser & MacKenzie (Scales, etc.), 500 N 12th
§Reeves, Paul S. & Son (Brass & Composition Castings & Bearings, etc.), 1415 Catharine
*Reid, Robt. (Machinist), 71 Laural.
*Reilley, Jas. Repair & Supply Co. (Inc.), Pier 54, ft Wash'n av
*Reilly & Fearon (Engines, Castings, etc.), 1164 N 3d
*Reliance Machine Works, 4617 Hedge, Fkd.
*§Reyburn-Hunter & Co. (Lightning Rods, etc.), 494 N American
*Rich, J. & G. (Machinists), 120 N 6th
*Richards Bros. (Machinists), Manyunk
*Riehl, H. & Son (Machinists), 1130 N Orianna
*†Riehle Bros. Testing Machine Co. (Machinists, Testing Machines, Jacks, Presses, etc.), 1424 N 9th
*§Roberts Mfg. Co. (Inc.) (Germ Proof Water Filters & Brass Goods), 3015 Chestnut
†Robson, Chas. (Iron Fdry., Grate Bars & Castings), 8th & Washington av
†§Rohrman, Theo. B. (Brass & Iron Fdry.), 30th & Chestnut
*Rolle, Max, 55 N 7th
§Rosenthal's, Jos. Sons (Brass Fdrs., etc.), 1837 N 2d
*Rowan, H'y A. (Machinist), 1205 Sansom
*Rudolph, Wm. F. (Machinist), 302 N Broad
*Rue Mfg. Co. (Injectors, etc.), 228 Cherry
*Ruffner & Son (Boiler Flue Cleaners, Nut Locks, etc.), Cresson & Bowman Falls
*Rumsey Electrical Mfg. Co. (Electrical Specialties), 1211 Filbert
*Rutschman, Oscar F. (Machinists' & Hand Drills, etc.), 426 Berks
*Ruwell, Wm. F. (Machinist), 719 Noble
*§Sack Bros. (Brass Fdrs. & Finishers), 235 S 8th
*§Savill, Thos. (Brass Fdry. & Finisher, Plumbing Goods), 11th & Wood
§Schaefer, Emil (Brass Fdr. & Coppersmith), 1322 N 5th
*†Schaum & Uhlinger (Textile Mach'y, Looms, Iron Fdrs., etc.), North Penn Junction
*Schiller, Fred'k & Co. (Machinists), 323 N 3d
§Schoenewald, Robt. (Brass Fdry.), 1027 Ridge av
*†Schofield, Wm. Co. (Iron Fdrs. & Textile Mach'y), Kram's av nr Silverwood, Manayunk
*Scholz, Rhinholt, 1049 Gtn. av
*Schrader, John J. (Mach'y & Metal Dealer), 908 Beach
*Schramm, Christ D., 219 N Front
*§Schutte & Korting Co. (Brass Fdrs. & Steam & Engineering Specialties), 12th & Thompson
*Scott & Williams (Knitting Mach'y), 2079 E Cumberland
†Scullin, Simon (Iron Fdry.), 2900 N American
*Seifert, Chas. H. (Machinist), 306 Master
*†Sellers, Wm. & Co., Inc. (Machine Tools & Heavy Mach'y), 1600 Hamilton
*Seyfert's, L. F. Sons (Engines, Boilers & Mach'y), 437 N 3d
†Shannon Mfg. Co., 800 S 11th
*§Sharpless & Watts (Fire Place Furnishings, etc.), 1522 Chestnut
§Sheeler-Hemsher Co. (Brass Fdrs.), 811 Fairmount av
*†Shellenberger, H. G. & Co. (Iron Fdrs. & Machinists), Penn Square bldg
*†Sheppard, Isaac A. & Co. (Iron Fdrs., Stoves & Heating Apparatus), 4th & Montgomery av
§Shimer, H. M. & Co. (Smelters, etc.), 19th & Wash'n av
*Shipley, W. E. (Machine Tools), Bourse bldg
†Shuster Foundry Co. (Iron Fdrs., Cast Iron Pipe & Plumbers' Castings, etc.), 411 N Franklin
*Sidle, John W., 628 Race
*Simon, Omer, 3829 Pearl
*Simpson, Wm. L. (Machinist), 112 Drexel ct
*Sites, Frank H., 2219 N 30th
*Skevington, H'y L. & Co., 610 N Philip
*Smerkovsky, Jos., 824 N 3d
*Smith, Drum & Co. (Engineers, Machinists, Dyeing Machines, etc.), 2503 Coral
*Smith, Geo. A. Machinery Co. (Shoe Mach'y), 415 Arch
*Smith, J. Barton Co. (Hardware Specialties & Tools, etc.), Norris & Hope
*†Smith, Jas. Woolen Machinery Co. (Woolen & Power Transmitting Mach'y), 417 Race
*Snediker, Jas. F. (Machinist), 139 N 7th
†Sobers, Jacob (Iron Fdry.), 1114 Gtn. av
*Solomon Machine Co. (Machinists), 920 Sansom
*†Southwark Foundry & Machine Co. (Engines, Rolling Mill Mach'y, etc.), 430 Washington av
*Southwork Scale Co. (Scales, etc.), 415 S 2d
*Sprague, Wm. & Co. (Machinists), 628 Filbert
*Standard Machine Co., Inc. (Textile Machinery), 508 Ludlow
*Standard Roller-Bearing Co. (Roller Bearings, etc.), N 48th & Girard av
*†Standard Steel Works (Steel Castings, etc.), Harrison bldg
*Standring, Sam'l, 1807 E Boston
*Steel, Percy R., 609 Commerce
*†Sterlingworth Railway Supply Co. (Fdrs. & Machinists & Railroad Supplies), North American bldg; works, Easton, Pa.
*Stevens, Wm. (Est. of) (Hutch Door Irons, etc.), 1226 N Howard
†Steward & Stevens (Iron Fdrs., Bldrs.' Iron Works), 901 Montgomery av
*Stokes, F. J. Machine Co. (Machinists), 900 Thompson
*†Stokes & Parrish Elevator Co. (Elevators), 1228 Race
*Stortz, John & Son (Tools, Dies, Punches, etc.), 210 Vine
*Stow Flexible Shaft Co., 26th & Callowhill
*†Straub, A. W. Co. (Grinding Mach'y, etc.), 3737 Filbert
*Sugar Apparatus Mfg. Co. (Sugar Machy.), 326 Chestnut
§Sutterly, G. T. & Co. (Silverplated Ware & Brass Goods), 38 N 6th
*Suverkrop & Coates (Machinists), 812 Winter
*Sweigard, Jos. L. & Co. (Pneumatic & Pump Mach'y), Betz bldg
*Swoboda, Carl E. (Machinist), 419 N 3d
*Sykes Engine & Machine Co. (Cylinder Reboring, etc.)
*Tabor Mfg. Co. (Fdry. Molding Machines), 18th & Hamilton
*†Tacony Iron Co. (Fdrs. & Machinists, Grey Iron Casting Rough and Machined), 713 Chestnut
*§Talmage & Weidley (Brass Fdrs.), 230 N 15th
*Tetlow & Broadfield (Machinists, etc.), 146 Norris
*Thomas, Chas., 32 N 7th
*†Thomas-Roberts-Stevenson Co. (Stoves, etc.), 1900 S 3d
*Thompson Bros. (Machinists), 112 Bread
*†Thompson, J. & Co. (Iron Fdrs. & Machinists, Valves, Fire Hydrants & Castings, etc.), Van Horn & Sophia
†Tioga Foundry Co. (Loam, Green & Dry Sand, Mach'y & R. R. Castings, etc.), N 22d & Allegheny av
†Tioga Steel & Iron Co. (Iron Fdrs., Iron & Steel Forgings), 52d & Gray's av
*Turner Machine Co. (Thos. Turner, Prop.) (Machinists), 2049 N 2d
*Ulary, W. A. (Electrical Machinist), 19 S 9th
*Underwood, H. B. & Co. (Valve Re-Seating, Cylinder Re-Boring, etc.), 1025 Hamilton
*United States Metallic Packing Co. (Metallic Packing, etc.), 427 N 13th
*†United States Navy Yard, League Island
§United States Smelting Works (Smelters, etc.), 17th & Springfield
†Vanderbeck, S. Roberts, 114 S 2d
Valley Iron Works, N W cor Wash'n av & S 8th
*Von Buckwold, Wm. J., 1120 N 7th
*Wagner, Christ, 1119 Cumberland
*Walker, Dwight F. (Woodworking Mach'y), 59 Laural
*Walker Electric Co. (Electric Switches, etc.), 2318 Noble
*Walters, Geo. C., 1316 Ellsworth
*Walton, P. M. (Machinist & Millwright), 1025 Gtn. av
*Watson, Andw., 2140 E Firth
*Watson & McDaniel Co. (Steam Traps, Valves, etc.), 146 N 7th
†Wayne Iron Works, Arcade bldg
*Wenzell, S. S. Machine Co. (Bottle Working Mach'y, etc.), 443 N 12th
*West End Machine Co., 5515 Market
*Weston, Chas. J. (Machinist), 512 Vine
*†Wharton, Wm. Jr. & Co., Inc. (Street Railway Specialties & Castings), 308 Walnut. Works, Jenkinstown, Pa.
†Wheeling Mold & Fdry. Co., Arcade bldg
§White & Bro. (Brass Fdrs. & Smelters), 1504 E Wilt
*Whitecar, Jos. Jr. (Machinist), 128 Kenilworth
*†Wilbraham-Green Blower Co. (Rotary Blowers, Iron Fdrs., etc.), 2518 Fkd. av
†Wilfong Bros. (Iron Fdrs.), S 52d & Gray's av
*Williams Machine Works, Jasper c East Willard
*†Williamson Bros. Co., Inc. (Steering Gears, Hoisting Engines & Castings, etc.), 423 13th
*Williamson, Thos. G., 8 S 39th
*Wirt Electric Co. (Electrical Specialties), 4523 Tacony, Fkd.
†Wissinoming Brass Foundry Co., Vankirk & P. R. R., Wissino
*Withington, Ralph (Machinist), 940 N 3d
§Wonderly, Abner H. (Brass Fdry.), 621 Commerce
*†Wood, R. D. & Co. (Cast Iron Pipe, Hydraulic & Gas Works Mach'y, etc.), 248 Phila. Bourse
*Wootten & Peckworth (Machinists), 231 N Front
*†Wright Mfg. Co. (Brass Fdrs. & Finishers), 133 Master
*Yockel, Chas. & Sons (Machinists, Moulds, etc.), 1220 N Lawrence

PHILLIPSBURG—*†Gowland Mfg. Co.

PHOENIXVILLE—*†Phoenix Iron Co. (Iron Fdrs. & Machinists & Rolling Mill & Steel Mfrs.)

PILLOW—*†Snyder, Frank (Iron Fdry. & Machinist)

PITTSBURG—†Adams, S. Jarvis Co. (Axle Boxes, Brake Shoes & Iron Fdry.), 14th &Etna
*†American Bridge Co., Frick bldg
*†American Foundry & Construction Co. (Rolling Mill Mach'y & Castings, etc.), Hazelwood av & B. & O. R. R.
†American Foundry & Pipe Co. (Cast Iron Soil Pipe & Fittings), Frick bldg. Works, Penn Station, Pa.
†American Ingot Mold Co. (Ingot Molds), Frick bldg; works, Sharpsburg, Pa.
American Nut & Bolt Fastener Co., Frick bldg
American Steel Foundries (Steel Castings), Frick bldg

*†American Steel & Wire Co. (See Chicago, Ill.
*†Anchor Engineering & Machine Co. (Brass Fdrs., Gear Cutting, etc.), 105 Pike
§†Atwood & McCaffrey. See Pittsburg Valve, Fdry. & Const. Co.)
*Axthelm, E., 243 3d av
*†§Bailey-Farrell Mfg. Co. (Brass Fdrs. & Plumbers' Supplies), 3d av & Ross
*Bair & Gazzam Mfg. Co. (Engineers & Machinists' Special Mach'y, Gears, Racks, etc.), 29th & Smallman
*Baker Machinery Co. (Mach'y), 29th & Smallman
*†Bartlett, J. C. (Stoves, Ranges, Furnaces, etc.), 819 Smithfield. Works, West Newton, Pa.
*†§Best Mfg. Co. (Iron & Brass Fdrs. & Steam & Rolling Mill Specialties), 25th & A. V. Ry
*Black, Wm. H., Imperial Power bldg
*§Bonar, James & Co., Inc. (Steam Specialties & Brass Fdrs.), Frick bldg
*Bond, Wm. C., 219 Water
*Brown & Zortman Machinery Co. (Machinists), 1 Wood
*Burkhardt, H'y, 45th & Kellar
*§Cadman, A. W. Mfg. Co. (Brass Fdrs. & Finishers), 2814 Smallman
*Camp Mfg. Co., 2034 Bedford av
*Carlin, W. J. Co. (Rolling Mill Mach'y), 34th & A. V. Ry.
*†Carnegie Steel Co., Carnegie bldg
*Carron, A. M. & Co. (Machinists & Pneumatic Tool Lubricators, etc.), 108 Market
*†Central Car Wheel Co. (Car Wheels), Frick bldg; works, McKees Rocks, Pa.
*§Chaplin-Fulton Mfg. Co. (Brass & Bell Fdrs., Gas Regulators, Ejectors, Injectors, etc.), 28 Penn av
†Combination Engine Co. (Steam Engines), 3148 Penn av
*Diescher Coupling Co. (Cork & Special Mach'y), 41st
*†Dilworth, Porter & Co. (Railroad Supplies), 704 S 4th
†Duquesne Steel Foundry Co. (Steel Castings), Arrott bldg; works, Corapolis, Pa.
†Early, W. J. & Sons, Ltd. (Grey Iron Castings), 804 Sarah
*Ebel & Hudson (Machinists), 96 S 20th
†Eclipse Mfg. Co. (Castings, Bolts, etc.), 38th
*†§Epping-Carpenter Co. (Pumpting Mach'y & Condensers), 41st & A. V. Ry.
*Equitable Meter Co. (Meters & Regulators), 439 Water
*Fahey & Pfaller (Machinists), 21st & Pike
*Fawcus Machine Co. (Gears, Pinions, etc.), Farmers' B'k bldg
*†Fischer Foundry & Machine Co. (Rolling Mill & Special Mach'y, Castings, etc.), S 21st & Mary
*Forster, John C., 101 Water
†Fort Pitt Fdry., ft of 12th
§Fox Copper & Bronze Mfg. Co. (Brass & Bronze Castings, etc.), 2624 Smallman
*Freedman, Fred'k (Machinist), 1525 5th av
*†Garrison, A. Foundry Co. (Rolling Mill Mach'y & Castings, etc.), S 9th & Bingham
*Gem Mfg. Co. (Flexible Shafts, Boiler Tube Cleaners, Dies, etc.), Spruce nr 33d
*Globe Mfg. & Supply Co. (Steam Specialties), Liberty & 24th
*†Goodman Engine & Machine Co. (Engines & Mach'y), S 15th & Muriel
*Heisler Pumping Engine Co. (Air Compressors & Pumping Mach'y), Westinghouse bldg. Works, St. Mary's, O.
*†Heyl & Patterson (Rolling & Coal Mining Mach'y, Castings & Equipments, etc.), 51 Water
*†Hogg, Geo. A. Iron & Steel Foundry Co. (Rolling Mill Mach'y, Iron & Steel Castings), 24th & A. V. Ry.
*§Homer Brass Works
*§Hydraulic Machine Co. (Machinists), McCandless av & A. V. Ry.
*Imperial Machine Co., Park bldg
§Iron City Brass Foundry Co. (Brass Fdrs.), 5315 Butler
*†Iron City Sanitary Mfg. Co. (Plumbers' Cast Iron Enameled Ware), 236 3d av
*Iron City Tool Works, Ltd. (Machine Tools), 33d & Smallman
†Jelley, Geo. A. Foundry Co. (Iron Fdrs.), 2839 Smallman
*†Jones & Laughlins Steel Co. (Power Transmitting Mach'y, etc.), 3d av Try; main office & works, Hyde Park, Pa.
†Kapenos, Ralph, 160 Sycamore
†Kelly, Nicholas & Son (Founders), 1708 Wharton
*†§Kelly & Jones Co. (Iron & Brass Fdrs., Steam Specialties, Valves, etc.), 135 Water; works, Greensburg, Pa.
§Keystone Bronze Co. (Brass & Bronze Castings), 38th & A. V. Ry.
†Lathwood, Jas. (Iron Fdry.), 22d & Smallman
*§Lawrenceville Bronze Co. (Brass Fdrs. & Bearings, etc.), 31st & Penn av
*†Lewis Foundry & Machine Co. (Sand & Chillde Rolls & Rolling Mill Mach'y), S 10th & Bingham
Long, Walter (Machinist), ft. S 19th
*§Lumley, Wilfred (Gas & Elec. Fixtures)
†M'Conway & Torley Co. (Malleable Iron & Steel Castings & Railroad Specialties, etc.), 48th & A. V. Ry.
*McKay, Jas. & Co. (Chains, etc.), 421 Wood
*§M'Kenna Bros. Brass Co. (Brass Fdrs. & Finishers), 1st av & Ross
*McSherry, Chas. (Mach'y), 606 6th av
*†Mackintosh, Hemphill & Co. (Rolling Mill Mach'y, Engines, Iron & Steel Castings, etc.), ft of 12th
§Magnus Metal Co. (See Buffalo, N. Y.)
§Maloney Bronze Mfg. Co.
†Marine Mfg. & Supply Co., 35 Water
*Marshall Bros. (Elevators, etc.), S 21st & Mary
†Marshall Foundry (Iron Fdrs., Rolling Mill & Builders' Castings, Ingot Molds, etc.), 28th & Railroad
*†Mesta Machine Co. (Rolling Mill Mach'y, Iron & Steel Castings), Lewis blk.; works, Homestead, Pa.
*†Milholland, J. & J. B. Co. (Engines, etc.), Tunnel & 5th av
*†Monongahela Foundry & Forge Co., 307 4th av. Works, Monongahela, Pa.
*†Munroe, R. & Sons Corporation (Boiler Castings & Boiler Mfrs.), 23d & Smallman
*†§National Car Wheel Co. (Car Wheels & Iron & Brass Castings), Park bldg
*†National Tube Co. (Wrought Iron & Steel Pipe & Tube, etc.), Frick bldg
*Nuttall, R. D. Co. (Gears & Pinions of all kinds, etc.), LaFayette & Garrison pl
*†Oil Well Supply Co. (Oil & Gas Mill Supplies, Gas Engines, etc.), 215 Water
†Pennsylvania Malleable Co. (Small & Large Railroad Castings a specialty), Frick bldg; works, McKees Rocks, Pa.
*§Phillips Mine & Mill Supply Co. (Coke & Mine Specialties & Supplies), S 23d & Mary
*†Phillips & McLaren (Heavy Castings & Rolling Mill Mach'y, etc.), 24th & Smallman
†Phoenix Steel Const. Co., Ltd., Imperial Power bldg
†Pittsburg Brake Shoe Co. (Brake Shoes, etc.)
*§Pittsburg Brass Mfg. Co. (Brass Fdrs., etc.), Penn av & 32d
*Pittsburg Electrical & Machine Works (Electric Switches, etc.), 2 Barker pl
*†Pittsburg Foundry & Machine Co. (Fdrs. & Machinists), 31st & Liberty av
*†§Pittsburg Gage & Supply Co.
*Pitsburg Instrument & Machine Co., 627 Fountain
†Pittsburg Malleable Iron Co., 34th & Smallman
*†Pittsburg Mfg. Co. (Castings, Bolts, Nuts & Punching Mach'y, etc.), A. V. Ry. & 28th
*§Pittsburg Piping & Equipment Co. (Brass & Bronze Fdrs. & High Pressure Pipe Fitting, etc.), Westinghouse bldg
*†Pittsburg Plate Glass Co., Frick bldg. Foundry, Ford City, Pa.
*†Pittsburg Pulley Co. (Cast Iron Pulleys & Castings, etc.), Frick bldg; works, Pulleydale, Pa.
†Pittsburg Steel Foundry (Steel Castings & Ingots), 541 Wood; works, Glassport, Pa.
*Pittsburg Tool & Drop Forge Co. (Railroad Miners' Tools & Rail Bending Machines, etc.), Arrott bldg; works, Cheswick, Pa.
*†§Pittsburg Valve, Foundry & Construction Co. (High Pressure Valves & Fittings, Iron & Brass Bastings, etc.), 5th & Duquesne Way
*Pittsburg Writing Machine Co. (Typewriters), 208 Wood; factory, Kittanning, Pa.
*†Porter, H. K. Co. (Light Locomotives), 6th & Wood
*†Pressed Steel Car Co.
*Redding Engineering Co. (Pumping Mach'y, Valves, etc.), Keystone bldg
*Renton, Wm., Inc. (Machinist & Engine Rebuilding, etc.), Keystone bldg
*†Rees, Jas. & Sons Co. (Steamboat Bldrs.)
*Rieseck, G. & J. (Machinists & Machine Tools, etc.), 16th & Mulberry
*†Robinson Machine Co., Frick bldg. Main office & works, Monongahela City, Pa.
*Rogers, Chas., 12 Ferry
*Russell Machine Co. (Mach'y & Repairs, etc.), 28th & A. V. Ry.
*†Scaife Foundry & Machine Co., Ltd. (Rolling Mill Mach'y, etc.), 28th & Smallman
*†**SCAIFE, WM. B. & SONS (Iron** Fdrs. & Structural Steel Construction, etc.), 221 1st av. (See adv. index, end of book)
*†Seaman-Sleeth Co. (Sand & Chilled Rolls), 41st & A. V. Ry.
*†Simonds Mfg. Co. (Gears, Pinions, Steel Casting & Electric Railway Specialties, etc.), 25th & Liberty
*Snodgrass, John R. & A. K.
*Sommerfeld Machine & Mfg. Co. (Machinists & Glass House Machinery), 224 3d av
*South Pittsburg Iron Works (Exhaust Mufflers)
†Springfield Foundry Co. (Iron Fdrs.), 3217 Smallman
§Standard Bronze Co.
*†§Standard Sanitary Mfg. Co. (Sanitary Enameled Iron Ware), Arrott bldg
*†Standard Scale & Supply Co. (Standard Scales, etc.), 211 Wood
*†Standard Steel Car Co. (Steel Cars, etc.), Frick bldg; works, Butler, Pa.
*Steel City Electric Co., Imperial Power bldg
†Sterling Steel Foundry Co. (Steel Castings), Frick bldg
*†Sterrit-Thomas Foundry Co. (Fdrs. & chinists, Rolling Mill & Mach'y Castings, etc.), 32d & Smallman
†Stupakoff, S. H. Foundry & Machine Co., Butler nr Sharpsburg Bridge
*Swain & Angel (Steam Engines), 3105 Smallman
*Tate, Jones & Co. (Machinists & Fuel Gas Burners, Gas Engines, etc.), Empire bldg
*Tranter Mfg. Co., 105 Water
*Trethewey, Samuel & Co., Ltd. (Blanking Dies, Steam Hammers, etc.), 47th nr
*Swain & Angel (Steam Engines), 3105 Hatfield
*Turner, Chas. A., 14 Market
*Union Elevator Co. (Elevators), 302 Gist
Machine Molded Gears & Timing & Mining Mach'y), 224 W Carson
†Union Steel Casting Co. (Steel Castings), 61st & A. V. Ry.
*†§United Engineering & Foundry Co. (Rolling Mill Mach'y & Iron, Steel & Brass Castings, etc.), Farmers' B'k bldg
†United States Cast Iron Pipe & Foundry Co., Murtland bldg. (See New York)
*†United States Sanitary Mfg. Co. (Plumbers' Cast Iron Enameled Ware), Arrott bldg
*†Velte Foundry & Machine Co. (Rolling Mill Castings, etc.), Home & A. V. Ry.
†Vulcan Foundry & Machine Co., 208 Wood
*Walchair, Stanislaus, 4150 Penn av
*†Westinghouse Air Brake Co., Wilmerding, Pa.
†§**WESTINGHOUSE ELECTRIC** & Mfg. Co. Works, East Pittsburg (See adv. index, end of book)
†§**WESTINGHOUSE MACHINE CO.,** The (Engines, etc.), East Pittsburg)
*Wilhelm, Robt. W., 3d & Liberty avs
*†Wilson-Snyder Mfg. Co. (Steam Pumps & Air Compressors), Ross & Water
*Wilson & Muzzy (Soap Presses, etc.), Westinghouse bldg
§Woodworth, A. M. Co., 112 Wood
*†**YAGLE FDRY. & MACH. CO.,** Ltd. (Fdrs. & Machinists), 32d & A. V. Ry. (See adv. index, end of book)

PITTSTON—*Delahunty Dyeing Machine Co. Dyeing Machines, etc.)
*†Exeter Machine Works (Coal Handling Mach'y & Hoisting Engines, etc.)
§Frederick Brass & Bronze Works
*Huntley, J. G. (Mine Drills, etc.)
*Muirhead, John & Son (Rock Drills & Machinists)
*†Pittston Stove Co. (Stoves)
*†Touhill, J. A. (Iron Foundry & Machinist)

PLYMOUTH—*†Howell's Mining Drill Co. (Coal & Rock Drills)
*Moss & Moyer (Mining Drills, etc.)
*Reese, Sephaniah (Machinist)

POMEROY—*Phillips, M. T. (Machinist & Mach'y, etc.)
PORT CARBON—*†Cather, Wm. A. (Iron Fdr. & Machinist)
PORTLAND—*†Pearson, Leroy
POTTSTOWN—*Bitting, Jos. S.
*Ellis Keystone Agricultural Works (Threshers, Feed Mills, etc.)
*†Flagg, Stanley G. & Co. (See Phila., Pa.)
*Good, Geo. B.
†Guest, Edmund
†Keystone Foundry Co. (Iron Fdry.)
*Light Mfg. & Fdry. Co. (Bicycles, etc.)
*†March-Brownback Stove Co. (Heaters, Furnaces, Stoves, etc.)
*†Saylor, John R. (Machinery)
PUNXSUTAWNEY—*†Olson, Houghton & Co. (Machinists & Pump Rods, etc.)
QUAKERTOWN—*†Roberts, Winner & Co. (Stoves)
RADNOR—*Righter, Geo. W. (Machinist)
READING—*Acme Motor Car Co. (Motor Cars, etc.)
*American Iron & Steel Mfg. Co. (Sternberg Branch). (See Lebanon, Pa.)
*Ammon, Wm. S. (Machinist)
*Boss Knitting Machine Works (Textile Mach'y)
*†Chantrell Tool Co. (Hardware Specialties)
*§Connard, Henry (Brass Fdr. & Finisher)
§Dick Bros. (Brass Fdrs.)
*§Excelsior Brass Works (Brass Fdrs., etc.)
*Francis, G. W. (Woodworking Mach'y)
*Greth Machine Works (Machinists)
*†Johnston Foundry & Machine Co.
*Kutz, S. Jairus (Knitting Mach'y)
*†Mohn, W. D. & Co. (Machinists)
*†Mt. Penn Stove Works (Stoves, etc.)
*†§National Brass & Iron Works (Art Metal Goods)
*†Orr, Painter & Co. (Stoves, Furnaces, etc.)
*†Orr & Sembower, Inc. (Steam & Hoisting Engines, etc.)
*†§Penn Hardware Co. (Builders' Hardware, etc.)
*†Prizer-Painter Stove & Heater Co. (Stoves, Heaters, etc.)
*†Reading Car Wheel Co. (Car Wheels). (See Buffalo, N. Y.)
*Reading Crane & Hoist Works (Crane, Hoists, etc.)
*†Reading Foundry Co. (Cast Iron Pipe, Hydrants, Valves, etc.)
*†§Reading Hardware Co. (Builders' Hardware & Specialties)
*†Reading Iron Co. (Rolling Mills, Iron Fdrs. & Machinists, Rolling Mill Engines & Sugar Mach'y, etc.)
*Reading Machine & Tool Co.
*†Reading Radiator Co. (Radiators, etc.)
*†Reading Scale & Machine Co. (Cast Iron Soil Pipe & Fittings, etc.)
*Reading Screw Co. (See Norristown, Pa.)
*Remppis, Wm. F. Co. (Builders' Iron Work & Machinists)
†Roeper-Kincaid Mfg. Co. (Grey Iron Machinery, Castings, etc.)
***SPEIDEL, J. G. (Hand Hoists & & Cranes, etc.** (See adv. index, end of book)
*†Textile Machine Works (Textile Mach'y & Grey Iron Castings)
*United States Screw, Nail & Machine Co.
REEDSVILLE—American Axe & Tool Co. (See Glassport, Pa.
REYNOLDSVILLE—*†Herpel Bros. (Iron Fdrs. & Machinists)
RICES LANDING—*Young, W. A.
RIDGWAY—*†Ridgway Dynamo & Engine Co. (Dynamos, Engines, etc.)
§Ridgway Foundry Co. (Castings, Brass & Bronze)
*†Ridgway Machine Tool Co. (Machine Tools)
*†§Ridgeway Mfg. Co. (Iron & Brass Fdrs., Dry Kilns, Steam Engines, etc.)
*Russell Car & Snow Plow Co.
Standard Axe & Tool Works
RIMERSBURG—*†Kaster, P. M. Hardware Co. (Stoves & Plows)
RITTERSVILLE—*Knauss, Geo. L. (Machinist)
ROARING SPRING—*†Spade, J. L. & Sons
ROCHESTER—*†Olive Stove Works (Stoves)
ROHRSBURG—†Appleman, Geo. B.
ROYERSFORD—*†Buckwalter Stove Co. (Stoves & Furnaces)
*†Floyd-Wells Co. (Stoves)
*†Grander Stove Co. (Stoves)
*Keystone Meter Co. (Gas Meters, etc.)
*†Royal Gas Stove & Foundry Co.
*†Royersford Foundry & Machine Co. (Punching & Shearing Mach'y)
SAINT CLAIR—*§Quirin, John & Bro.
SALFORDSVILLE—*Weldner, M. K. (Machin-
SALONA—†Esenwein, G. W.
SAYRE—*†National Car Wheel Co. (Car Wheels & Castings, Fire Hydrants, Valves, etc.)
SCOTTDALE—Scottdale Foundry & Machine Co. (Steam Engines & Mining Mach'y)
†United States Cast Iron Pipe & Foundry Co. (See New York City)
SCRANTON—*†Allis, Chalmers Co. (Mining & Sugar Mach'y, etc.) (See Chicago, Ill.)
*†American Locomotive Co. (See New York City)
*§American Safety Lamp & Mine Supply Co.
*†Barker, Samuel G. & Son (Iron Fdrs. & Scales, etc.)
*§Everhart Brass Works (Brass Fdrs. & Finishers, etc.)
*†Finch Mfg. Co. (Iron Fdrs. & Steam Engines, etc.)
§Hughes Bros. (Mine Lamps)
*International Mfg. Co. (Door Hangers, Wrenches, etc.)
*†Lackawanna Iron & Steel Co.
*Lackawanna Pump Works (Steam Pumps)
*†§ McClave-Brooks Co. (Mechanical Stokers, Grate Bars, Iron & Brass Castings, etc.)
*†National Elevator & Machine Co. (Elevators, etc.)
*Pearce, Chas. W. (Machinist)
Railway Steel Spring Co. (See New York City)
*†Robinson & Adams Co. (Sporting Goods, Automobiles, etc.)
*Scranton Axle Works (Axles, etc.)
*Scranton Bolt & Nut Co. (Bolts, Nuts, etc.)
Scranton Forging Co. (Forgings, etc.)
*†Scranton Steam Pump Co. (Steam Pumps, Iron & Brass Castings, etc.)
*†Scranton Stove Works (Stoves)
SHAMOKIN—*†Mullen, John & Son (Iron Fdrs. & Engines, Pumps, Mining Mach'y, etc.)
SHARON—†American Steel Foundries
*Damascus Brake Beam Co. (Brake Beams & Railroad Specialties)
†National Malleable Casting Co. (See Cleveland, O.)
*§Sharon Brass Mfg. Co.
*†Shenango Machine Co. (Iron Fdrs. & Machinists)
†Sharon Foundry Co.
SHARPSBURG—Herman, Chas. & Son (Foundry Molding Machines)
*†Pittsburg Stove & Range Co. (See Allegheny, Pa.)
SHARPSVILLE—*Inglis, D. R. (Machinist)
*†West, Thos. D. Foundry Co. (Iron Fdrs., etc.)
SHEFFIELD—*Mainwaring, Morgan (Machinist)
SHIELDS—*†Edgeworth Machine Co. (Machinists, etc.)
SHOENERVILLE—*†Lazarus, J. R. & Bro.
SINKING SPRING—*†Sinking Springs Foundry Co.
SLATINGTON—*†Slating Foundry. Machine & Boiler Works
SMITHFIELD—†Moore Bros.
SNYDERS—*Snyder, T. B.
SNYDERSVILLE—*†Marsh, E. B. Bro. & Co. (Iron Fdrs., Machinists, Plows, etc.)
SOUTH BETHLEHEM—*†Bethlehem Foundry & Machine Co. (Machine Tools, etc.)
*†Bethlehem Steel Co. (Rolling Mill & Special Mach'y, Castings, etc.)
*Blunk & Suess
SPRING CITY—*†Keystone Stove Foundry (Stoves, etc.)
*†Yeager-Hunter Spring City Stove Works (Stove Mfrs.)
STEELTON—*†Penna Steel Co. (Steel Castings, Railroad Frogs, Switches, Crossings & Forgings, etc.), main office, Philadelphia
STROUDSBURG—†Landers, Francis (Iron Foundry)
*†Stroudsburg Engine Works (Hoisting Engines, etc.)
*Tanite Co. (Emery Wheels, etc.)
SWALES—†Beers, J. L. & Sons
†Jamison, I. M.
SWISSVALE—*†Union Switch & Signal Co. (Railroad Specialties)
TAMAQUA—†Beddall Bros.
Hadesty, J. M. & Son (Tapping, Gas & Water Mains, etc.)
*†Tamaqua Mfg. Co. (Iron Fdrs. & Ore Washing & Coal Mining Machy.)
*†Vulcan Iron Works. (See Wilkesbarre, Pa.)
TARENTUM—†Stevener, Charles W. (Iron Foundry)
TATAMY—*†Messinger Mfg. Co. (Agl. Impts., Threshers, Planters, Grain Cleaning Machinery)
TAYLORSTOWN—*Knox, Jno. (Machinist)
TIONA—*Norris, W. C. (Oil Well Tools, etc.)
TITUSVILLE—*†American Radiator Co. (See Chicago, Ill.)
†Burgess, Chas. (Steel Castings & Steel Mfr.)
†Harris Iron Works
*§Keystone Brass & Iron Works (Iron & Brass Fdrs.)
*Smith Pump Co.
*†Titusville Forge Co. (Iron Fdrs., Machinists & Forgings)
*†Titusville Iron Co. (Steam Engines, etc.)
*†Young, E. R. & Sons (Engines, etc.)
TOWANDA—*†Humphrey Mfg. Co. (Iron Fdrs. & Machinists)
*†Loetzer Valve & Mfg. Co (Valves, Fire Hydrants, etc.)
TROY—*†Troy Engine & Machine Co. (Jno. A. Parsons, Prop.), (Engines, etc.)
TUNKHANNOCK—†Avery, F. P. (Foundry)
TYRONE—*†Burley Heater Co. (Grey Iron Castings, etc.)
*†Tyrone Foundry & Machine Co. (Stone Crushers, etc.)
UNION CITY—*†Industrial Iron Works
*†Union City Foundry Co (Power Transmitting Mach'y, Castings, etc.)
*†Warden Iron Works
UNIONTOWN—*Johnson Machine Co. (Machinists)
§Miller Foundry Co.
WANAMAKERS—†Klingman, L. J.
WARREN—§*†Allegany Foundry Co. (Grey Iron & Brass Fdrs. & Semi-Steel Castings & Machinists, etc.)
*American Turret Lathe Mfg. Co. (Machine Tools)
†Barnhardt & Davis
*§Bashlin Co. (Brass Fdrs. & Valves, etc.)
*Best, Jno. (Machinist)
*Hammond Iron Works (Boilers & Machinists, etc.)
*†Jacobson Machine Mfg. Co. (Air Compressors, Power Transmitting Machinery, Vices, Clutches, etc.)
*Jamieson, M. W. & Co. (Gas & Gasoline Engines, etc.)
*†Struthers-Well Co. (Gas Engines, Boilers, etc.)
*Warren Axe & Tool Co. (Edge Tools, etc.)
WASHINGTON—*Chapman Sucker Rod Co. (Sucker Rods, etc.)
*Davin & McClure (Machinists)
*Petroleum Iron Works Co. (Cylinders, Tanks, Separators, etc.)
*Railway Steel Spring Co. (See New York City)
*Washington Mfg. Co. (Machinists)
*Zahniser Bros. & Sten (Machinists)
WAYNE—Wayne Iron Works. (See Phila. Pa.)
WAYNESBORO—*†Emmert Mfg. Co. (Vices, etc.)
*†Frick Co. (Steam & Traction Engines, Ice Machinery & Agl. Implts., etc.)
*†Geiser Mfg. Co. (Steam & Traction Engines, Agl. Implts., etc.)
*Hendricks Mfg. Co. (Locks, etc.)
†Landis Machine Co.
*†Landis Tool Co. (Machine Tools)
*†Liberty Supply Co.
Shank Bros. Gate Co.
WAYNESBURG—*Elms Bros. & Co. (Machinists)
*†Reese, F. & Co. (Iron Fdrs. & Machinists)
*Zahniser Bros. (Oil & Gas Well Tools, etc.)
WEATHERLY—*†Weatherly Foundry & Machine Co. (Grey Iron Castings, Railroad, etc.)
WEST BRIDGEWATER—†Anderson Fdry. Co.
Crawford-Speer Foundry & Machine Co. (Small Castings, etc.)
WEST CHESTER—*Dairy Specialty Co. (Dairy Machinery)
*Mayer & Eachus.
*Price, Jos. T.
*†Sharples, Philip M. (Dairy Machinery & Supplies, etc.)
WEST ELIZABETH—*Pence & Montgomery
WEST HOMESTEAD—National Car Wheel Co. (Car Wheels & Iron & Brass Castings)
WEST NEWTON—†Moore & Butts
†Schoaf, Fred
*†United States Radiator Co. (Radiators, etc.)

WEST SALISBURG—†Knecht, M. & Sons
WHEATLAND—†Sharon Foundry Co. (Rolling Mill Castings, Ingot Molds, etc.)
WHITE HAVEN—*†Wallace, Saml. (Iron Fdry. & Machinist)
WILKESBARRE—*Auto Machine & Repair Co. (Machinists)
†Eagle Iron Works
*Fay, Jos. M. (Machinist)
†Gates Foundry Co.
*Holmes Metallic Packing Co. (Metallic Packing)
*Howell Steam Washer Co.
*Johnson, Robt. (Machinist)
*Le Grand Mine Drill Works (Steam Mine Drills)
*MacCullum, Jno. & Co. (Machinists)
*Nicholson, W. H. & Co. (Expanding Mandrells, Compression & Flange Couplings, etc.)
*†Progress Scale Co.
§*†Royer & Zweibel (Brass Fdrs., etc.)
*†Sheldon Axle Co. (Carriage Axles, etc.)
§Shelley, Geo. & Son
*†Vulcan Iron Works (Iron Fdrs., Engines, Mining Machy, etc.)
*†Wilkesbarre Iron Mfg. Co. (Iron Fdrs., etc.)
WILLIAMSPORT—*†American Woodworking Machinery Co. (See New York City)
*†§Darling Pump & Mfg. Co. (Machinists & Iron & Brass Fdrs., etc.)
*†Demorest Mfg. Co. (Sewing Machines & Bicycles, etc.)
*Foucart, Jno. E. (Saws, Machines, Knives, etc.)
*†Hermance Machine Co.(Woodworking Machy.)
*Keeler, E. Co. (Machinists & Boilermakers)
*†Larzelere Machine Co. (Steam Engines, etc.)
*Link, Jas. H. Machinery Co. (Saw Mill Machy.)
*†Moltz, Jacob J. (Machinists)
*†National Foundry Mfg. & Supply Co. Power Transmitting Machinery, etc.)
*Rothfus, A. (Machinist)
†§Rundio, Nelson L. (Iron Foundry)
*†Steel & Robinson Co. (Radiators, etc.)
*Stutzman, Frank (Cutter Heads, etc.)
*†United States Machine Co. (Woodworking Machinery)
*†Valley Iron Works (Steam Engines, etc.)
*†Williamsport Clutch & Pulley Co. (Conveying, Elevating & Power ransmitting Machinery, etc.)
*Williamsport Gas Engine Co.
†Williamsport Staple Co. (Hardware & Harness Specialties)
*†Williamsport Valve & Hydrant Co. (Gate Valves & Fire Hydrants, etc.)
WILMERDING—*†Standard Traction Brake Co. (Electric Car Brakes, etc.)
*†Westinghouse Air Brake Co.
WINDOM—*Kauffman, Harry M.
WOMELSDROF—†Beyerle, Wm.
WOODBURY—†Brown, J. I. (Plows, etc.)
WRIGHTSVILLE—*Dissinger, C. H. A. & Bro. (Gas & Gasoline Engines)
*†Susquehanna Casting Co. (Iron Fdrs., Light Grey Iron Castings & Builders' Hardware, etc.)
*†Wrightsville Hardware Co. (Builders' & Shelf Hardware, etc.)
WYNDMOOR—*†Nelson Valve Co. (Valve Mfrs.)
WYOMING—*Eagan, Jas. (Mine Drills, etc.)
YORK—*Billmeyer & Small Co. (Cars, etc.)
*†Broomell, Schmidt & Steacy Co. (Heating Apparatus, Ranges, Kilns, & Grey Iron Castings, etc.)
*Burrows Mfg. Co. (Valves, Regulators, etc.)
*Dempwolf, C. H. & Co. (Fertilizer Machy)
*†Farquhar, A. B. Co., Ltd. (Agl. Implts., Traction & Steam Engines, etc.)
*Flinchbaugh Mfg. Co. (Jobbing)
*Hallock, D. Y. & Sons (Agl. Implts.)
*†Hench & Dromgold Co., Inc. (Agl. Implts., Grain Drills, Plows, Cultivators, Harrows, etc.)
*†Keystone Farm Machine Co. (Agl. Implas. Plows, Cultivators)
*†Norway Iron & Steel Co. (Malleable Iron & Steel Castings)
*Root, B. M. Co. (Machinery Mfrs.)
*Ruth Automatic Knitting Machine Co. (Knitting Machines)
*†Smith, S. Morgan Co. (Turbines, etc.)
*†Smysers, E. G. Sons Co. (Grey Iron & BuildersCastings,etc.)
*Spangler Mfg. Co. (Agl. Implts., Grain Drills, Harrows, Planters, etc.)
*Wiest, Michael & Sons (Machinists)
*York Electrical & Machine Co. (Incandescent Lamp Making Machinery)
*†York Mfg. Co. (Ice & Refrigerator Machinery, Cortiss Engines & Castings, etc.)
*†York Safe & Lock Co.
YOUNGS—*†Graver, Geo. A. (Iron Fdry. & Machinist)
YOUNGSVILLE—*Sagerdahl, J. A.
ZELIENOPLE—*†Iron City Sanitary Mfg. Co. (See Pittsburg, Pa.)
*Kavanaugh, Wm. Co. (Oil & Gas Well Tools)

RHODE ISLAND.

BRIDGETON—*†Hopkins Machine Works (Textile Machinery)
BRISTOL—*†Herreshoff Mfg. Co. (Yacht Bldrs)
CENTRAL FALLS—*Mossberg Wrench Co. Wrenches, etc.)
§Newell, F. E. (Brass Fdry.)
HILLS GROVE—†Rhode Island Malleable Iron Works
HOPE VALLEY—*†Nichols & Langworthy Machine Co. (Steam Engines, Printing Presses, etc.)
NEWPORT—*Burnham, Gilbert H. (Machinists)
*†Newport Foundry & Machine Co.
*Owen, Thos. G. (Machinst)
*Slocum, Geo. S.
*§Stedman, P. H. (Brass Fdry. & Finisher)
*Whitney Safety Arms Co. (Shot Guns, Revolvers, Pistols, etc.)
PAWTUCKET—*Atherton, A. T. Machine Co. (Textile Machy.)
*†Brown, Jas. Machinery Co. (Machinist & Cordage Machinery)
*Carpenter, J. M. Tap & Die Co. (Taps & Dies)
*Cole Bros. (Machinists)
*Collins Bros. (Machinists)
*Collyer Machine Co. (Engineers & Machinists)
*Dawson, A. (Tipping Machines)
*Easton & Burnham Machine Co. (Textile Machinery, Spindles & Machinists)
*†Fales & Jenks Machine Co. (Machine Tools, etc.)
*Haskell Wm. H. Mfg. Co. (Machinists, Bolts, Nuts, etc.)
*†Howard & Bullough American Machine Co. ((Cotton Machinery)
*†Jenckes, E. Mfg. Co. (Knitting Machinery, etc.)
§Jenkinson, Jno. (Brass Founder)
*Jenks, H. F. (Builders' Hardware, etc.)
§McKenna, Frank & Co. (Brass Founders)
*Narrangansett Machine Co. (Machinery & Gymnasium Supplies)
*New England Machine Co. (Machinists)
†Pawtucket Foundry Co. (Iron Fdrs., etc.)
*Pawtucket Mfg. Co. (Mach., Bolts, Nuts, etc.)
*Payne, Geo. W. Co. (Textile Machy.)
*†Potter & Johnston Machine Co. (Machine Tools, etc.)
Slocum, Wm. H. Co. (Machy., Forgings, etc.)
*Tenney, A. E. Mfg. Co. (Machinists)
*†White, J. S. Co. (Iron Fdrs. & Machinists)
PROVIDENCE—*Adams Bros .(Machinists), 220 Eddy
*§Allen Fire Dept Supply Co.
American Ball Co. (Steel Balls, etc.), Eagle & Kinsley avs.
*American Electrical Works (Electrical Supplies), Phillipsdale
*†American Locomotive Works (See New York) Hemlock
*†American Ship Windlass Co. (Windlasses, Winches, Steam Towing Machines, Castings, etc.)
*Angell, Chas. E. (Machinist), 21 Eddy
*Arcade Malleable Iron Co., 63 Washington sq
*Atlas Machine Co., 24 Calendar
§Barr & Thornley (Brass Founders), 38 Wayne
*Beaman & Smith Co. (Machine Tools), Gordon ave., cor. Reynolds ave.
*Blackstone Machine Co., 144 Westminster
*Blaisdell, S. S. Machine Co., 130 Orange
*Borland, Robt, 42 Garnet
*Bragg, Jno. I. (Wool, Combs, etc.), 24 Atwood
*†Brown & Sharp Mfg. Co. (Machine Tools, Small Tools & Grey Iron Castings) Promenade nr Park
*†§Builders' Iron Foundry (Grinding Machinery & Iron & Heavy Bronze Castings), 9 Codding
*†Carpenter, A. & Sons Foundry Co. (Castings of all kinds), 272 W. Exchange
§Carpenter, H. T. & Co., 34 Garnet
†Colvin Foundry Co. (Castings of all kinds), 185 Globe
*†Crampton & Knowles Loom Works (Textile Machy)
*Cruickshank Engine Co. (Stationary & Yacht Engines), 286 Dyer
*Dart, E. M. Mfg. Co. (Union Couplings, etc.), 136 Clifford
*Diamond Machine Co. (Grinding Machinery), 9 Codding
*Dingley, B. F. & Co., 77 Page
*Eddy, E. A. Machinery Co., Industrial Trust bld g
*Excelsior Steam Engine Co., 30 Friendship
§Excelsior Nickel Plating Works, 297 Richmond
*Field, Chas. H. (Machinist), 112 Point
*†Franklin Machine Co. (Cotton Machinery, 189 Charles
*§Fuller, Fred. (Brass & Bell Founder), 604 S. Main
*†Fuller Iron Works (Steam Engines & Castings of all kinds), 40 Tockwotton
*†§General Fire Extinguisher Co., Union Trust Bldg.
*Gibson, Geo. J., 361 Eddy
§Globe Brass Fdry., 38 Wayne
*§Gorham Mfg. Co. (Brass & Bronze Fdrs., etc.)
*Graham Mfg. Co., P. O. Box 870.
*Hargraves, Robt. F., 239 Harrison
*Harris, W. A. Steam Engine Co. (Corliss Engines
*Heathcote, Jno. & Son (Woolen Machinery), 212 Eddy
*Holbrook, A. & C. W. (Textile Machinery), 748 N. Main
*Hope, Jno. & Sons. Engraving & Mfg. Co. (Engraving Machy.), Mashapaug & Elmwood
*Hopkins Machine Works, 49 Westminster
*†Household Sewing Machine Co. (Sewing Machines, Typewriters, Malleable & Grey Iron Castings & General Fdry. & Machine Works), 115 Wickenden (See New York City)
*Hughes & Atkin, 38 Plainfield
§Iroquois Machine Co. (Tool Grinders, Bearings, etc.), 85 Sprague
*Johnson, Adolph E., 101 Sabin
*Langelier Mfg. Co. (Special Machy.), 67 Clifford
§Lyon, John W., 46 Clifford c Eddy
)*McWilliams, W. G., Industrial Trust bldg
*Mann, Chas. A., 166 Doyle av
*Manufacturers Specialties Co., 12 Beverly
*Mason, Volney W. & Co. (Inc.) (Hoisting Machinery, Elevators, Hoists, etc.), Lafayette st.
*Mayor, Thos. & Son, 26 Olney
†Miller Iron Co. (Castings, etc.), 516 Harris ave.
Miller, Wm. (Wool Combs), rear 228 Aborn
§New Acme Plating Co., 59 Page
*†New England Butt Co. (Braiding Machinery, etc.), 304 Pearl
*Newport Eng. Works, 359 Thames, Newport
*Nicholson File Co. (Files, Rasps, etc.), 23 Acorn
*Palmer, Nichols Co. (Magnet Wire Machinery), 144 Westminster
*Parkinson, Edw. (Machinist), 84 Sprague
§Providence Art Metal Co.
§Providence Brass Fdry & Machine Co., 460 Eddy
*Providence Engineering Works (Steam Engines, etc.), 521 S Main
§Providence Jewelers' Castings Co., 227 Eddy
*†Providence Machine Co. (Textile Machy.), 564 Eddy
*Providence Steam Trap Co. (Steam Traps, etc.), 16 Diamond
†Providence Steel Casting Co.
*Reliable Carboy Holder Co., 40 Chapel
*Reuterdahl Electric Co. (Dynamos, etc.), 36 Fountain
*Rhode Island Braiding Machine Co. (Textile Machy.)
§Rhode Island Brass Fdry., opp. 108 Pine
*Rhode Island Elevator & Machine Co. (Elevators & Machinery), 18 Calender
†Rhode Island Malleable Iron Works, Hills Grove

*Rhode Island Motor Co. (Gas Engines), ft. S. Angell
*†Rhode Island Tool Co. (Tools, Nuts, etc.), 148 W River
*Richards, Isaac P. (Punches, Dies, etc.), 23 Pemberton
§Rogers, Wm. Silver Co. (Silverware)
*Ross, W. D. (Machinist & Machine Designer), 220 Eddy
*Rushton, Carroll Co. (Textile Machinery), Ethan
*Scholfield, Jas. J. (Gears & Pulleys, etc.), 282 Dyer
*Schott Bros. (Button Machinery), 419 Eddy
*Scott, Henry L. & Co. (Machinists), 227 Eddy
§Shirley, Jno. R. & Sons (Gas Fixtures)
*Slocomb, J. T. Co. (Machine Tools)
†Stillman Bros. Co. (Fdrs), 77 Blackstone
*Sutcliffe & Roberts (Machinists), 127 Summer
*Taft Machine Co. (Carpet Sewing Machines, etc.), 40 Friendship
*†§Textile Finishing Machinery Co. (Textile Machinery), 17 Exchange pl.
*Thomas & Lowe Machinery Co., 68 W Exchange pl
*Thornton Machinery Co., 21 Exchange pl
*Thurston Mfg. Co. (Jewelers' Machinery), 419 Eddy
*Tillinghast Machine & Supply Co., 232 Aborn
*U. S. Bobbin & Shuttle Co., 240 Butler Exchange
*Universal Winding Co, 99 Stewart
*Wheelwright Filler & Mfg. Co. (Paper Machy.), 4 Weybosset
§White-Stillman Foundry Co. (Brass Fdrs.), 1 Bark
*Williams, John P., 49 Westminster
*Wiliams & Co., 91 Sabin
*Winsor, Ira & Co., 169 Dorrance
*Winsor & Jerauld Mfg. Co. (Textile Machinery), 223 Harrison
†Worcester Malleable Iron Works
RIVER POINT—†Brayton, L. Foundry Co. (Iron Fdrs.)
VALLEY FALLS—†Dyer, M. J. (Iron Foundry)
*Hindley Mfg. Co. (Castings, Keys, etc.)
WARREN—*Potter & Collamore (Machinists)
*†§Textile Finishing Machinery Co. (Textile Machy.)
WESTERLY—*†Cottrell, C. B. & Sons Co. (Printing Presses, etc.)
WOONSOCKET—*American Wringer Co. See New York City)
*Knight, Geo. C. (Machinist)
*Taft-Pierce Mfg. Co.
*†Woonsocket Machine & Press Co. (Textile Machy.)
*Woonsocket Napping Machinery Co. (Textile Machy.)

SOUTH CAROLINA.

ANDERSON—*†Anderson Mach. & Fdry. Co.
*†Stratton & Gilborne Mfg. Co.
BLACKSBURG—*†Blacksburg Machine & Iron Works
CHARLESTON—*†Charleston Iron Works
*†Riverside Iron Works
*†Walk & Murdock Iron Works (Iron Fdrs., Machinists & Machinery)
†Virginia-Carolina Chemical Co. (Fdry. Department)
CHERAW—*†Cheraw Foundry & Machine Co.
COLUMBIA—*†Columbia Machine & Iron Wks.
*Gibbes Machine Co. Machinery)
*†Shields, Geo. A. (Iron Fdry. & Machinist)
*†Willis, J. A. (Steam Engines, etc.)
DARLINGTON—†Wilson & James
FLORENCE—*†Young & Chase
GAFFNEY—*†Cherokee Fdry. & Machine Wks.
GEORGETOWN—*†Colbert & Mayo
GREENVILLE—†Cely & Bros.
†Emmet, J. N. (Roll Covers, etc.)
*†McDonald, R. M.
LAURENS—*†Hudgens Bros.
MARION—*†McDuffie, Emerson(Fdry. & Machinist)
PELZER—*†Pelzer Mfg. Co. (Cotton Mills, etc.)
SENECA—†Seneca Iron Works
SPARTANBURG—*†Morgan & Wood Iron Works
SUMTER—*Brunson & Brunson (Machinery)
*Skinner, Edgar (Machinist)
*†Sumpter Iron Works
WATERBORO—*†Cummings Iron Works & Supply Co.

SOUTH DAKOTA

ABERDEEN—*†Hub City Iron Works
*†Stratton Gilborne Mfg. Co.
BROOKINGS—*Bishman, Geo. A.
LEAD—*†Homestake Mining Co.
MADISON—†Hanson, Peter
MITCHELL—*Summers, Geo. H.
REDFIELD—*†Norbeck & Nicholson Co. (Iron Fdrs. & Machinists)
SIOUX FALLS—*†Pankow Bros. (Fdrs. & Machinists)
WEBSTER—*Magnus, Wm. (Machinist)
YANKTON—*Fanslow Bros. (Machinists)
*†Gilleland, E. T.

TENNESSEE

CALHOUN—†Calhoun Repair & Stove Works
CHATTANOOGA—††Acheson Foundry Works (Iron Fdrs.), Alton park
*†American Brake Shoe & Foundry Co. (See Mahwah, N. J.)
*Arithmetical Scale Co. (Computing Scales, etc.)
*†Cahill Iron Works (Iron Fdrs. & Machinists)
*†Casey & Hedges Mfg. Co. (Sugar Mach., etc.)
*†Chattanooga Car & Foundry Co. (Cars, Car Wheels, etc.)
*Chattanooga Engine & Boiler Works (Engines & Machy., etc.)
*†Chattanooga Implement & Mfg. Co. (Hay Presses, Agl. Implts., etc.)
*†Chattanooga Machinery Co. (Stave Jointers & Bolters, Key Seating Machy., Iron Fdrs., etc.)
†Chattanooga Pipe & Foundry Co. (Cast Iron Pipe & Fittings, etc.)
*†Chattanooga Plow Co. (Plows, Cane Mills, etc.)
†Chattanooga Roofing & Foundry Co. (Iron Fdrs., etc.)
*Chatanooga Saw Works (Saws, etc.)
*†Chattanooga Stove Co. (Stoves)
Builders' Iron Work)
†Eureka Foundry Co. (Iron Fdrs.)
*†Gustafson Mfg. Co. (Valve Mfrs.)
*†Herron Iron Bedstead Co.
*†Herron Pump & Foundry Co. (Iron Fdrs. & Pumps, etc.)
§Moffett, Wm. (Brass Fdry.)
*†§Price-Evans Foundry Co. (Iron & Brass Castings, etc.)
*Reversible Disc Plow & Implement Co. (Agl. Implts.)
*†Ross-Mechan Foundry Co. (Grey & Malleable Iron Fdrs., etc.)
*†Sanders-Newell Plow Co. (Plows, etc.)
*†Southern Malleable Iron Works (Castings)
*Standard Machinery Co. (Machinists & Machinery)
*Star Pea Machine Co.
*Street Bros. (Machinery)
*Truxal & Painter Machine Co. (Machinists)
†U. S. Cast Iron Pipe & Foundry Co. (See New York City)
*Vacuum Dyeing Machine Co.
*†Wheland Machine Works (Engines, Saw Mill Machy., etc.)
CLAKSVILLE—*†Ground Hog Plow & Foundry Co.
*†Patch, A. H. (Corn Shellers, Feed Mills, etc.)
CLEVELAND—*†Hardwick Stove Co. (Stoves)
COLUMBIA—*Roberts Machine Co. (Machinists, etc.)
COVINGTON—*McFadden, W. V.
HARRIMAN—*†Harriman Plow & Handle Co.
HUMBOLDT—*†Dodson Plow Co. (Plows & Agl. Implts.)
JACKSON—*†Heathcock & Bush Machine Co.
*†Southern Engine & Boiler Works (Engines, Saw Mill Machy., etc.)
JOHNSON CITY—*†Johnson City Foundry & Machine Works
KNOXVILLE—*American Motor Mfg. Co. (Motors, etc.)
*Biddle Mfg. Co. (Machinists)
*Dempster, Jas. (Machinist)
*†Fair Foundry Co. (Stoves, etc.)
*†Knoxville Foundry & Machine Co. (Fdrs. & Machinists)
*†Knoxville Iron Co. (Fdrs. & Machinists)
*†Knoxville Wheel & Foundry Co. (Stoves & Castings, etc.)
§Morland, Jno.
*†Nelson, H. O. (Iron Fences & Castings)
*†Sanford-Day Iron Works (Stoves, Car Wheels & Castings)
*Savage, W. J. (Mill Machinery & Machinists)
*Scates Warm Air Furnace Co. (Hot Air Furnaces, etc.)
*†Scott & Oliver Mfg. Co. (Castings, Brick Cars, Grate Bars, etc.)
*†Southern Foundry & Machine Co. (Fdrs. & Machinists)
*Tattersall, Jno. (Machinist)
*Wolf, M. L. (Machinist)
LA GRANGE—*†Gaither-Panky Plow Co.
McMINNVILLE—*†Eastwood, Thos. H.
Murray, Jno. P.
MEMPHIS—*Beroni & Palmer (Machinists)
*Bodley Wagon Co. (Contractors, Wagons, Cars, etc.)
*†Chickasaw Iron Works (Iron Fdrs., Builders' Iron Work & Machinery)
*†Duke, J. G. Machine Works (Machinists, Fdrs., Hoop Machinery, etc.)
*Eagle Machine Works (Machinists)
*Ellis, Wm. C. & Sons (Agl. Implts. & Mchy.)
*†Livermore Foundry & Machine Co. (Fdrs. & Machinists)
*†Memphis Machine Works (Machinists, etc.)
*Planters' Compress Co. (See Boston, Mass.)
*Union Iron Wks. (Gas & Gasoline Engines)
*†Wetter, H. Mfg. Co. (Stoves, Cast Iron Soil Pipe, etc.)
*†White, Jno. & Son (Stoves)
NASHVILLE—*†Allen Mfg. Co. (Stoves, etc.)
*Braid Electric Co. (Elec. Specialties)
*†Cumberland Foundry & Mfg. Co.
*†Duncan & Co. (Stoves, etc.)
*Jones, S. E. Sons (Iron Fdrs.)
*Jonte, N. S. (Machinist)
*Nashville Machine Co. (Flour Mill Machy., etc.)
*†Phillips & Buttorff Mfg. Co. (Stoves, etc.)
*Rock City Machine Co. (Machinists)
*†Stewart & Bruckner (Fdrs. & Machinists)
ists)
*†Phillips & Buttorff Mfg. Co. (Stoves, etc.)
PARIS—*†Paris Mfg. & Implement Co.
PULASKI—*†Talley, J. M. (Machinist & Fdry.)
SHELBYVILLE—*†Kahl, E. H.
SOUTH PITTSBURG—*†Blacklock Fdry. Co. (Sad-Irons, etc.)
*†Central Fdry. Co. (See New York City)
TRENTON—*†Watson, E. F. Machine Co.
UNION CITY—*†Semones & Son

TEXAS

AUSTIN—*Gossard, A. R. (Mill Machinery)
*†Heicrman, Frank & Bro. (Iron Fdrs., etc.)
*Schultze, Adolph, Jr.
BEAUMONT—*†Beaumont Iron Works
*†Neches Iron Works
*†Southern Car & Mfg. Co.
BROWNWOOD—*Garrett, W. B.
CLEBURNE—†Osborn, M. C.
CORSICANA—*†American Well & Prospecting Co. (Iron Fdrs., Machinists & Engineers)
*†Clarkson, Wm. (Iron Fdry & Machinists)
DALLAS—*†Continental Gin Co. (Cotton Gins)
*Dallas Machine Shop (Machinists & Engineers)
*Dillon, I. H. Machine Co. (Machinists)
*Hardwick-Connor Machine Co. (Machinists)
*§Kettler Brass Mfg. Co.
*†Mosher Mfg. Co. (Fdrs. & Machinists)
*†Murray Co. (Gin Machy. & Supplies)
*†Texas Disc Plow Co. (Plows, etc.)
DENISON—*Clark, H. W.
†Knaur, Wm. E. & Co. (Iron Fdry.)
*†Knaur & Howe (Machinists & Fdrs.)
ELPASO—*Anderson, R. L. Machine Co.
*†Elpaso Fdry. & Machine Co. (Iron &
*†Pass City Foundry & Machine Co. (Iron Fdrs. & Machinists & Mining Machy., etc.)
FORT WORTH—*§Axtell, F. A.
*Barry-Wehmiller Machinery Co.
*§Bird Brass Works (of Every Description)
*§Brown, T. M. & Co. (Windmills & Well Supplies)
*†§Fort Worth Machine &Foundry Co. (Gasoline Engines, Railroad Bridge & Builders' Castings, etc.)
†Horrell & Eastwood (Machinery, Castings, Grate Bars, etc.)
*§Midland Brass Works (Brass Fdrs., etc.)
*Southwestern Mechanical Co., N. Fort Worth
*Texas Anchor Fence Co. (Farm, Stock & Lawn Fencing, Gates, etc.)
*Texas Mfg. Co. (Cotton Gins, etc.)
*†Van Zandt-Moore Iron Works (Ice & Well Machinery & Builders' Iron Work)

GAINESVILLE—*†Dorsey, R. H.
*Moseley Bros. (Machinists)
†Rogers, G. B.
GALVESTON—*†Astall Iron Works Co. (Engines, etc.)
*Bothman, Wm.
*†McDonough Iron Works (Steam Engines)
*†Union Iron Works
*†Walsh & Cleary (Iron Fdrs.)
GREENVILLE—*†Greenville Fdry. & Machine Works
HOUSTON—*†Dickson Car Wheel Co. (Car Wheels & Cartings)
*†Hartwell Iron Works
*Hawkins Automobile & Gas Engine Co.
*Houston Iron Works
*†Smith, Wallis Iron Works
*†§Stopple & Ries Iron & Brass Works
*Wilkening, Gustav
HUNTSVILLE—*†State Penitentiary
JEFFERSON—*†Jefferson Fdry. & Machine Shops
KELLYVILLE—*†Kelly, G. A. Plow Co. (Agl. Implts.)
LAREDO—*†Giddens, W. L.
LONGVIEW—*†Kelly, G. A. Plow Co. (Agl. Implts.)
*§McDonald, G. B.
LUFKIN—*†Lufkin Fdry. & Machine Co.
MARSHALL—*†Marshall Car Wheel & Fdy. Co.
ORANGE—*†Orange Iron Works
PALESTINE—*†Dilley, Geo. M. & Son (Iron Fdrs. & Cars & Castings, etc.)
PARIS—*Graves, W. H.
*†Ketcham & Co.
*Ritchey & Daley
PITTSBURG—*†Thorsell, P. W. (Iron Fdy. & Machinist)
SAN ANTONIO—*†Alamo Iron Works (Iron Fdrs., Machinists & Machy)
*†§Collins, F. F. Mfg. Co. (Ion & Brass Fdrs. & Machinists)
*Dubinski Electrical Works
*†Gunther Foundry, Machine & Supply Co.
†San Antonio Foundry Co.
*San Antonio Machine & Supply Co.
SHERMAN—*†Washington Iron Works
TEMPLE—*†Brockelmeyer & Willig
TERRELL—*†Terrell Foundry & Machine Co.
TEXARKANA—*†De Marce, Mrs. A. (Iron Fdy. & Steam Engines, etc.)
*†Texarkana Iron Works (Iron Fdrs. & Machinists)
*†Twin City Foundry & Machine Co.
WACO—*†Banning Machinery Co. (Iron Fdrs. & Machinists)
†Canuteson, O. (Iron Fdry.)
*Kellett-Chatham Machinery Co.

UTAH.

OGDEN—*Farrell, F. M.
PROVO CITY—†Pierpont, T. F.
SALT LAKE CITY—†Davis, Howe & Co. (Iron Fdrs., etc.)
*†Salt Lake Engineering Works (Mining, Concentrating & Smelting Machinery)
*†Silver Bros. Iron Works Co. (Iron Fdrs., Steam Engines, etc.)
*Trent Engineering & Machinery Co.
*†Western Foundry & Stove Repairing Works
SPANISH FORK—†Larsen, C. R.

VERMONT.

BARRE—*†Smith, Whitcomb & Cook Co. (Stone Polishing & Working Machy.)
*Trow & Holden (Tools, etc.)
*Whitcomb Bros. (Stone Working Machy)
BARTON—*†Murkland, Jno. W.
BELLOWS FALLS—*†Bellows Falls Machine Co.
*Vermont Farm Machine Co.
BENNINGTON—*Bradford & Lasher
*Cooper, Chas. (Textile Machy)
*†Scott, Olin (Gun Powder, Paper & Pulp Mill Machy, etc.)
*Sibley, E. L. (Eyelet Presses)
BRANDON—*†Backus Co. (Heaters, etc.)
BRATTLEBORO—*Stellman, L. H. (Paper Mill Machy.)
BURLINGTON—*Burlington Machine & Repair Co.
*†§Lang, Goodhue & Co. (Iron & Brass Fdrs., Pumping Machinery, etc.)
CASTLETON—*†Sargent, S. R. & Son
CHESTER—*Stearns, F. H. Mfg. Co. (Machinists, etc.)
DERBYLINE—*Butterfield & Co. (Taps & Dies, etc.)
FAIRHAVEN—*†Fair Haven Fdry. & Mach. Co.
*Maynard, C. T. & Co. (Slate Macy.)
HARDWICK—*Knight, Chas. D.
HIGHGATE—†Highgate Foundry Co.
HINESBURG—†Patrick, D. K. & Son (Plows, etc.)
LODONDERRY—*Hayward, Horace A. (Foot Power Circular Saws, Power Hack Saws, etc.)
LUDLOW—*Warner, Edw. O.
LYDONVILLE—§Wood, Edwin T. (Brass Fdry.)
MANCHESTER—*Hawley, E. J. & C. H. (Sand Feed & Stone Working Machy)
MIDDLEBURY—*†Langworthy, H. T. & Son
MONTPELIER—*†§Colton Mfg. Co. (Saddlery Hdw.)
*†Lane Mfg. Co. (Woodworking Machy)
MORRISVILLE—†Morrisville Foundry Co.
NORTHFIELD—*Spaulding, Alfred F.
NORTH TUNBRIDGE—*†Smith, R. C. & C. B.
POULTNEY—*Hooker Bros. (Slate Machy, etc)
*†§Ruggles Machine Co. (Slate Machy., Iron, Aluminum & Brass Fdrs.)
RANDOLPH—†Osgood, A. G.
RICHFORD—†Richford Foundry Co.
ROCHESTER—†Woods, H. F.
RUTLAND—*Frenier, J. H. (Sand Pumps & Stone Working Machy)
*Grimm, G. H. (Evaporators, Steel Ranges, etc.)
*†Howe Scale Co. (Scales, Gas Engines, etc)
*†Lincoln Iron Works (Stone Working Machy, etc.)
*†Patch, F. R. Mfg. Co. (Stone Working Machy, etc.)
*†Steam Stone Cutter Co. (Stone Working Machy, etc.)
Stoddard Mfg. Co. (Creamery & Dairy Supplies, etc.)
ST. ALBANS—*†National Car Co. (Car Bldrs., etc.)
*†St. Albans Fdy. & Implement Co. (Agl. Implts., etc
†Wait Radiator Co.
SAINT JOHNSBURY—*American Fork & Hoe Co. (See Cleveland, O.)
*Clark, Calvin L. (Threshing Machines, etc.)
*†Fairbanks, E. & T. & Co. (Scales, Power Hammers, etc.)
*†Hooker, O. V. & Son (Iron Fdrs. & Machinists)
*†Hynes, Michael (Iron Fdry. & Machinist)
SOUTH SHAFTSBURY—Eagle Square Mfg. Co. (Steel & Iron Bedsteads, etc.)
SPRINGFIELD—*Fellows Gear Shaper Co. (Gear Shaping Machines)
*Gilman & Son (Machinists)
*†Jones & Lamson Machine Co. (Machine Tools, etc.)
*Parks & Woolsen Machine Co. (Textile Machy)
*Superior Tap Co. (Taps, Dies, etc.)
*†Vermont Snath Co.
WALLINGFORD—American Fork & Hoe Co. (See Cleveland, O.)
WATERBURY—*†Cooley Mfg. Co. (Gas Engines)
WEST DERBY—*Aubin, Alphonse
WESTMINSTER STATION—*Abenaque Machine Works (Gas & Gasoline Engines)
WEST RUTLAND—*North, Aaron E. (Water Wheels)
WILLIAMSTOWN—*Gregory, Jas. E. (Machinist)
WINDSOR—Hubbard & McClary (Hdw. Specialties)
*Morrison, Henry D. (Machinist)
*†Windsor Machine Co. (Machine Tools, etc.)
WINOOSKI—*†Stevens Machine Co. (Wood Working Machy)
WOODSTOCK—*†Daniels Machine Co. (Agl. Implts., etc.)
*Merrill, Chas. F. (Machinist)

VIRGINIA

ALEXANDRIA—*Aitcheson, J. & H. (Machinists)
*†Alexandria Iron Works (Iron Fdrs., etc.)
*†Moore's, W. S. Sons
AYLETT—†Adams, C. R.
BASIC CITY—*Virginia Machine Co. (Machinists, etc.)
BERKLEY—Old Dominion Iron Works
BROADWAY—*†Broadway Machine Co.
CHARLOTTESVILLE—*†Harris, R. F. & CO.
CHRISTIANSBURG—*†Christiansburg Chilled Plow & Machine Works
COVINGTON—*†Covington Machine Co. (Iron Fdrs. & Machinists, etc.)
CULPEPER—†Briggs, R. H.
*Nalle, T. E.
DANVILLE—*†Carter, J. T. (Machinist & Fdry.)
*†Westbrook, J. B. Foundry & Machine Co. (Elevators & Tobacco Machy, etc.)
FINCASTLE—*†Bowyer, O. M. (Machinist & Fdry.)
FREDERICKSBURG—*†Hunter, Chas. E. (Plows, etc.)
GRAHAM—*†Thistle Plow & Fdry. Co.
HAMPTON—*†Hampton Mfg. Co.
HARRISONBURG — *†Bradley, P. & Sons (Plows & Agl. Implts.)
LONGDALE—†Longdale Iron Co.
LYNCHBURG—*†Bonsack Machine Co. (Machinists, etc.)
*†Glamorgan Pipe & Fdry. Co. (Cast Iron Pipe, etc.)
*†Hubbard Machine Works (Machinists)
*†Lynchburg Foundry Co. (Cast Iron Gas & Water Pipe & General Foundry Work)
*Thurman, R. W. & Son (Machinists)
MANCHESTER—*†Southern Railway Co.'s (Shops)
*†Storage Well Pump Co.
MARTINSVILLE—*†Cheshire, J. W. & Sons (Iron Fdrs., etc.)
NEWPORT NEWS—*†Newport News Ship Building & Dry Dock Co. (Steel Ships, Marine Engines, etc.)
*Warwick Machine Co. (Machinists)
NORFOLK—†§Atlantic Iron Works (Iron & Brass Castings of Every Description)
*†Crescent Iron Works
*†Donahue & Marsden
*†Eagle Iron Works
*†Elizabeth Iron Works (Engines, Boilers, Forgings, etc.)
*†Enterprise Iron Works
*†Etna Iron Works (Machinists & Fdrs.)
*Griffith, E. J. & Co.
*†Lumley-Dodson Co. (Railroad Machinery, etc.)
†§Norfolk Foundry Co.
Norfolk Iron Works (Engines, Boilers & all Kinds of Machinery)
*Smith & McCoy (Engines, etc.)
*†Virginia Iron Works (Marine Engines, etc.)
*†White, S. R. & Bro. (Agl. Implts.)
*†Whitehurst, R. W. Co. (Agl. Implts., etc.)
NORTON—†Norton Foundry Co.
PETERSBURG—*†Ayers. J. R.
*†Petersburg Iron Works Co. (Cars, Engines, Castings, etc.)
*†Steere, E. & Son
*†Titus, Elmer E. (Iron Fdry. & Basket & Veneer Cutting Machy., etc.)
PORTSMOUTH—*†§Ornamental Iron & Wire Co. (Inc.) (Iron & Brass Fdrs., Builders' Iron Work, etc.)
RADFORD—†Radford Pipe & Foundry Co. Cast Iron Pipe, etc.)
RICHMOND—*†American Locomotive Co. (See New York City)
*†§Blenner, Benj. A.
*†§Cameron-Tennant Machine Co. (Iron & Brass Fdrs. & Machinists)
*†Cardwell Machine Co. (Machinists & Fdrs.)
§Carr, Jas. W. (Brass Fdry.)
*Coffee, R. W. & Sons (Machinists)
*Enterprise Machie Works
†Frictionless Metal Co. (Bearings, etc.)
*Geer Novelty Co.
†§James, Alonzo E.
*†McGee & Pollard (Fdrs. & Machinists)
†Old Dominion Iron & Nail Works (Iron Fdrs. & Nails & Bar Iron, etc.)
*Richardi & Dabner
*Richmond Engine & Pump Co.
*†Richmond Foundry & Mfg. Co.
*†Richmond Iron Works
*†Richmond Stove Co. (Stoves, etc.)
Smith-Courtney Co. (Machinists, etc.)
*†Snyder, Asa & Co.
*Southern Machine Mfg. Co. (Inc.)
*†Southern Stove Works (Stoves, etc.)
*†Starkes Dixie Plow Works (Agl. Implts., etc.)
*†Strickland Machine Co. (Machinists & Fdrs.)
*Tower-Binford Electric & Mfg. Co. (Electrical Specialties)
*†Tredegar Co. (Iron Fdrs. & Mfrs.)
*Turner, Jno. & Son (Machinists)
ROANOKE—*Rockhill Machine Co. (Machinists)
*†Virginia Bridge & Iron Co.
SALEM—*†Camden Iron Works (Iron Fdrs., etc.)
*†Salem Machine Works (Machinists)

STAUNTON—*†Stockdon, B. F. & Bros. (Machinists & Fdrs.)
SUFFOLK—*†§Dusler, H. M.
*†Suffolk Stove & Foundry Co. (Stoves, etc.)
*Walton, G. B. (Machinist, etc.)
SUTHERLIN—*†Kerns, H. O. (Machinist & Fdry.)
VESUVIUS—*†Vesuvius Plow Works (Agl. Implts.)
WAYNESBORO—*†Loth, W. J. Stove Co. (Stoves)
*†Rife & Schoppert (Iron Fdrs. & Machinists)
*†Virginia Machine Co.
WINCHESTER—†Snapp, Mrs. F. R. (Iron Fdy)
WYTHEVILLE—*†Wytheville Foundry Co.

WASHINGTON

ABERDEEN—*†Douglas Bros. (Iron Fdrs.)
ASOTIN—*Brown, L. K.
BALLARD—*†§Ballard Iron Works (Iron & Brass Fdrs. & Machinists)
†Cornwaithe, Jno.
*†Washington Pulley Co.
BLAINE—*Rohrbacher, E. J.
CENTRALIA—*†Symons, J. P. Co. (Iron Fdrs. & Machinists)
COLFAX—*†Carley Bros.
DAYTON—†Fitzgerald, D.
EVERETT—†Cascade Tool & Forging Co.
*†Groenke, C. F. (Iron Fdry. & Machinist)
*†Schofield, Fred
*†Summer Iron Works (Mining & Mill Machinery)
*†Washington Stove Works
FAIR HAVEN—*†Zeeve, J. W.
FREMONT—†Novelty Iron Works
†Pacific Iron Works
HOQUIAM—*†Gray's Harbor Iron Works (Saw Mill Machy., Log Jacks, etc.)
*†Hoquiam Iron Works
MARYSVILLE—*†Marysville Machine Shop & Fdry. Co.
OLYMPIA—*Mason, C. Z.
SEATTLE—*§Aztec Copper Mfg. Co. (Brass Fdrs. & Finishers)
*Ballard Boiler Works, Shilshole av nr 3d av, W
*Ballard Iron Works (Inc.), Shilshole av ft 4th av, W
*Biegert, J. C. Machine Works (Machinists)
*Billings, M. V., 1915 1st av
*Borgwartt, Fredk.
*Caldwell & Bushong
*Campbell Bros.
*Campbell, Wm. & Sons (Machinists)
§Columbia Brass Foundry
§Eagle Brass Foundry
*Elliott Bay Iron Works
*Fraser, W. B. (Machinist)
*Gifford & Dow (Machinists)
*†Globe Iron Works (Fdrs. & Machinists)
†Gordon Foundry
*Heffernan Engine Works (Steam Enginee, etc.), 108 Railroad av
*Holmstrom, A. H.
*Hutton, A. F. (Machinist)
*Jones, Chas. C. & Co. (Machinists)
*McCabe, W. L. (Machinist)
*Marine Iron Works
*Meese & Gottfried Co.
*†§Moran Bros. Co. (Ship Builders, Marine Engines, Iron & Brass Fdrs., etc.)
*†Northwestern Iron Works (Iron Fdrs. & Machinists & Marine, Mill & Mining Machinery)
*†Olympic Foundry Co. Iron Fdrs. & Machy, & Bldrs.' Castings)
§Pacific Brass & Novelty Co.
*†Pacific Iron & Steel Works (Iron Fdrs. & Machinists)
*Pacific Printers' Supply House
*Perkins, Jas. H. Mfg. Co. (Machinists & Machy)
*Puget Sound Machinery Depot
§Seattle Brass Co. (Brass Fdrs.)
*Seattle Machine Works (Machinists, etc.)
*Tate, A. J.
*†§Tracy, Sharp & Tracy (Brass Fdrs.)
§Union Brass Foundry
†Union Iron Foundry
*Uren, Andrew (Machinist)
*†Variety Iron Works (Iron Fdrs. & Machinists & Marine, Mill & Mining Machy)
*†§Vulcan Iron Works (Iron & Brass Fdrs. & Mining Machy, etc.)
*†Washington Iron Works Co. (Hoisting & Logging Engines, Castings, etc.)
*†Westerman Iron Works (Iron Fdrs. & Machinists)
*Whecland Novelty Co. (Slot Machines)
*Wittler-Corbin Machinery Co.
*Young, C. J.
SEDRO - WOOLLEY — *†Sedro-Woolley Iron Works
SNOHOWISH—*†Snohowrsh Iron Works Co.
SPOKANE—*†Barnard Mfg. Co. (Flour Mill Machinery, etc.)
†Frahm & Klein (Iron Fdrs., etc.)
*†National Iron Works, Inc. (Mining Machy, Castings, etc.)
*Pacific Iron Works (Machinists)
*Simmons & Sons (Builders' Iron & Machine Work)
*†Union Iron Works (Mining Machy, Engines, Castings, etc.)
TACOMA—*†Atlas Fdry. & Machine Co.
*§Bamford, Jesse (Brass Fdry. & Machinist)
*†Gawley, Fdry. & Machine Works
*†Griffin Wheel Co. (Car Wheels). (See Chicago, Ill.)
*†Metal Bedstead Co.
*†Puget Sound Dry Dock & Machine Co.
*†Puget Sound Iron & Steel Works (Iron & Brass Fdrs. & Machinists)
*Tacoma Iron Works (Machinists, etc.)
*†Tacoma Railway & Power Co.'s (Shops)
†Tacoma Smelting Co. (Smelters, etc.)
*Wallin, J. E. & Co.
*†Washington Pipe & Foundry Co.
WALLA WALLA—†Hunt, Gilbert Co. (Iron Fdrs. & Machinists)
WHATCOM—*Bellingham Engineering & Machine Works
*Strathie & Buzzard
*§Whatcom Brass & Iron Foundry
*†Whatcom Machinery Depot

WEST VIRGINIA

BLUEFIELD—*†Superior Supply Co.
CHARLESTON—*†Charleston Boiler & Foundry Co.
*†Kanawha Mine Car Co.
*†South Side Foundry & Machine Works (Iron Fdrs. & Machinists)
*†Strow, Morris Machine & Foundry Co.
*†Vulcan Iron Works (Iron Fdrs. & Machinists)
CHARLESTOWN—*†§Powhattan Brass & Iron Works (Brass & Iron Fdrs. & Brass Finishers' Plumbing Goods)
*Weller, J. F.
CLARKSBURG—*†Hart Bros. Machine Co. (Engines & Saw Mills)
*†Osborne's, J. F. Sons (Iron Fdrs. & Engines & Saw Mills)
ELKINS—*†Elkins Foundry & Machine Co. (Iron Fdrs. & Machinists)
FAIRMOUNT—*†Helmick Foundry & Machine Co. (Iron Fdrs., Mine Cars, etc.)
*†Wagner-Palmros Mfg. Co. (Coal Mining Machy., etc.(
GRAFTON—*†Grafton Foundry & Machine Co.
*†Newton Foundry & Machine Co.
HUNTINGTON—*†American Car & Fdry. Co. (See St. Louis, Mo.)
*Howell, J. K. Machine Co.
*†Huntington Stove & Foundry Co. (Stoves)
*†Ingram & O'Neal Co.
*†Jarvis & Bros. Co.
KANAWHA—*†
MANNINGTON—Phillips, Chas. Tool Co.
*†West Virginia Boiler & Machine Works
MARTINSBURG—*§Brooklyn Brass & Mfg. Co.
†Matthews, T. E. & Bro.
MORGANTOWN—*†Morgantown Fdry. & Mach. Co.
MOUNDSVILLE—*Jobes, M.
NEW CUMBERLAND—*†Davis-Price Foundry & Machine Co.
PARKERSBURG—*Carruthers & Co. (Gas Engines)
*Crotty, J. J. & Co. (Machinists, etc.)
*Fisher & Kootz (Machinists)
†Kelley, Michael (Iron Fdry.)
*Kesselman & Co. (Machinists & Oil Well Tools, etc.)
†Parkersburg Casting Co. (Iron Fdrs.)
*Parkersburg Machine Co. (Machinists)
*†United States Engine Co. (Gas & Steam Engines)
PIEDMONT—*†Piedmont Foundry & Machine Co. (Iron Fdrs. & Machinists)
POINT PLEASANT—*Heslop, J. W. C. & Son (Machinists)
RAVENSWOOD—*Ravenswood Machine Co.
*†Wilson Foundry & Machine Works
SISTERVILLE—*Chamberlain, C. C. (Machinist)
†Davin & McClure
*Finleyson, Jno.
*McJunkin, E. J. (Machinist)
*Stoner Machine Co. (Machinists)
West Virginia Tool Co.
SPENCER—*Runion, W. B. & Sons
TUNNELLTON—*†Brown, Jno. W. (Fdry. & Machinist)
WELLSBURG—*Wellsburg Machine Co.
WESTON—*Danser, W. C. Machinist)
WHEELING—*†Center Foundry & Machine Co. Brick, Glass, Pottery & Rolling Mill Machinery ,etc.)
*†Co-operative Stove Co. (Stoves)
*†Heating, Ventilating & Fdry. Co. (Iron Fdrs. & Heating Apparatus, etc.)
*†Mahlke, R. H. Mold & Machine Works
*Mutual Electric & Machine Co. Electric Switches, etc.)
*†National Tube Co. (Riverside Iron Works)
*Riverside Bridge Co.
*Sands, H. S. Electric & Mfg. Co.
*Spears & Riddle (Machine Tools)
*Warwood Tool Co. (Tools, etc.)
*Weisgerber & Ebeling Machine Co.
*†Wheeling Mold & Foundry Co. (Glass House & Rolling Mill Machy. & Castings)
*Wheeling Stove & Range Co. (Stoves, etc.)
WILLIAMSON—*†Mingo Fdry. & Machine Co.

WISCONSIN

ABELL—†Helminger, Chas.
ALGOMA—*McClosky, Geo.
*†Wodsedalek, J.
ANTIGO—*Antigo Iron Works
*†Pioneer Iron Works
APPLETON—*†Appleton Machine Co. (Paper & Pulp Mill Machy.)
*†Eagle Mfg. Co. (Portable Gas Engines, etc.)
*†Fairbanks & Timm
*†Valley Iron Works Co. (Iron & Bronze Castings & Wood Pulp Machy., Turbines, etc.)
ASHLAND—*†Bretting, C. G. Mfg. Co.
BARABOO—*Gollmer, Geo. J. (Jobbing)
*†Kohn, E. & Co.
*Vincent, L. W. & Co.
BEAVER DAM—†Beaver Dam Malleable Iron Co.
*Hass, H. E. (Gas & Gasoline Engines)
*†Malleable Iron Range Co.
*Ordway, A. F. & Son (Mill Machy)
*†Rowell, J. S. Mfg. Co. (Agl. Implts., etc)
BELOIT—*Beloit Gas Engine Co.
*†Berlin Machine Works (Wood Working Machy)
*Dowd, R. J. (Machine Knives, etc.)
*†**FAIRBANKS, MORSE & CO. (Gas** Engines, etc.((See adv. index, end of book)
*Fraser Mfg. Co. (Woodworking Machy)
*†Gaston, N. B. Sons Co. (Scales, etc.)
*†Gesley Mfg. Co. (Agl. Implts.)
§ Hammel, A.
*Mattison, C. Machine Works
*†Thompson, J. & Sons Mfg. Co. (Agl. Implts., Engines, etc.)
BERLIN—*†Advance Machine Works Co.
*Johnson-Fortman Machine Works
BLOOMER—*Keller, Chas.
BOSCOBEL—*†Ruke Bros. Mfg. Co.
BRILLION—*†Brillion Iron Works
BURLINGTON—*§Burlington Brass Works
*†Wagner Bros.
CEDARBURG—†Engbring, Wm.
CEDAR GROVE—*†Wisconsin Foundry & Steel Works (Iron & Steel Castings)
CHIPPEWA FALLS—*†Stanley, F. G. & C. A.
CLINTONVILLE—*Zachow & Besserdich (Jobbing)
COLUMBUS—*Roberts, G. D. & Son
CORLISS—*†Brown Corliss Engine Co. (Corliss Engines, Saw Mill Machy., Castings, etc.)
DE PERE—*†Lawton, Chas. A. Co.
DURAND—*Hill Bros. (Jobbing)
EAU CLAIRE—*†McDonough Mfg. Co. (Saw Mill Machy, etc.)
*†Phoenix Mfg. Co. (Saw Mill Machy., Steam Engines, etc.)
ELKHORN—*Zwiebel & Griebel (Machinists)
EVANSVILLE—*Baker Mfg. Co. (Wind Mills & Engines)
ELLSWORTH—*†Rounce, J. S.
FOND-DU-LAC—*Abel Bros. (Machinists)
*†Fond Du Lac Implement Co. (Agl. Implements)
*†Giddings & Lewis Mfg. Co. (Iron Fdrs. & Saw Mill Machy)
*Glascow, Fred (Plows)
*Kinney, Jas. (Jobbing, etc.
*Quenton, Peter N. (Gas Engines)

FORT ATKINSON—*†Cornish, Curtis & Green Mfg. Co. (Creamery Supplies)
*Melzner & Bowen
FOUNTAIN CITY—*Dussendorfer, Andrew
GRAND RAPIDS—†Grand Rapids Foundry Co. (Iron Fdry.)
*Krieger, Geo. F. & Co. (Machinists)
GRANTSBURG—*Grantsburg Mfg. Co.
GILLETT—*Frisbie, M.
GREEN BAY—*Ameriean Gas Engine Co.
†Duncan, A. M. (Castings)
*Green Bay Machine Co.
*Milwaukee Sander Mfg. Co.
†Rothe, Jos. F. (Castings)
*Straubel Machine Co.
HARTFORD—*†Hartford Plow Works (Plows, etc.)
*Landt, Jno. (Machinist.
HORICON—*†Van Brunt Mfg. Co. (Agl. Implements, etc.)
HURLEY—†Charbonneau, Emanuel
JANESVILLE—*†Badger State Machine Co. Punching & Shearing Machy.)
*Bicknell Hardware Co. (Punches & Shears)
*†Janesville Machine Co. (Agl. Implts., etc.)
*Kent Corn Planter Co. (Corn Planters)
*†New Doty Mfg. Co. (Punching & Shearing Machy.)
*†Rock River Machine Co.
JEFFERSON—*Vaughn, O. C. Mfg. Co. (Harrows & Wagons)
JUNEAU—*†Brieman & Kuehn
KAUKAUNA—*Hoehne, Fred.
*†McLean, Alex. M. & Co.
KENOSHA—*§Badger Brass Mfg. Co. (Automobile Lamps, etc.)
*†Jeffrey, Thos. B. & Co. (Automobiles)
*§Kenosha Brass & Iron Works
*Meiselbaeh, A. D. Co. (Typewriters)
*†Simmons Mfg. Co. (Metallic Bedsteads, etc.)
*Wells, Frank L. (Machinist)
KEWASKUM—*Remmel, Nicholas (Maehinist)
KEWAUNEE—†Hamacek, Frank (Iron Fdry.)
†Kewanee Iron Works
†Ziemer, Aug. & Co. (Iron Fdry.)
KILBOURN—*†Kilbourn Machine Co.
*Marshall, G. M.
LA CROSSE—*Bell Machine Co.
*Benton, Thos. P. & Son (Dynamos, Engines, etc.)
*Close, Chas. T. (Gasoline Engines)
*†James, Alfred
*†La Crosse Plow Co. (Plows, ete.)
*†La Crosse Threshing Machine Mfg. Co.
*La Crosse Well Drill Works (Well Machy)
*Otto, Benj. & Sons (Bark Shaving Mills)
*Pierce, F. L. (Mill Machy.)
*†Smith Mfg. Co. (Machinists & Wagons)
*Tomasak & Nekola (Plows)
*†Torrance, Jno. & Son (Fdry. & Furnaces)
LANCASTER—*Hyde, E. H. (Machinist)
LUXEMBORG—†Roth, Jos.
MADISON—*American Shredder Co.
*†Fuller & Johnson Mfg. Co. (Agl. Implts., etc.)
*†Gisholt Machine Co. (Machine Tools)
*Hercules Steel Casting Co.
*†King & Walker Co. (Castings & Punching & Shearing Machy)
*§Mason, Kipp Mfg. Co. (Lubricators)
*†Northern Elcctrical Mfg. Co. (Dynamos, Generators, etc.
†Payton, Martin
*§Standard Telephone & Electric Co.
*Sulky Disc Harrow Mfg. Co.
MANAWA—*Ory Mfg. Co.
MANITOWOC—§Aluminum Foundry Co.
*†American School Furniture Co.
*†Manitowoc Machine Co.
*†Richards Iron Works (Iron Fdry., etc.)
*†Smalley Mfg. Co. (Plows, etc.)
Willott, J. & Sons (Edge Tools, etc.)
MARINETTE—*†Stevens, A. W. Co. (Agl. Implts., Engines, ete.)
MARSHFIELD—*†Lang & Scharmann (Iron Fdrs., etc.)
MARYTOWN—*Langenfeld, Jno.
MAUSTON—*Strong, H. C.
MAYVILLE—§Gordon, A. L.
*Matson & Sette
MEDFORD—*†Campbell & Anschutz
MENASHA—*†Jennings, Peter
*†Mockley Bros. & Sailor
MENOMINEE FALLS—*†Rowell, I. B. Co. (Agl. Implts., Gasoline Engines, etc.)
MENOMINIE—†Anderson, Chas. J.
*†Globe Iron Works Co.
*§Submerged Electric Motor Co.
MERRILL—*†Merrill Iron Works
MILWAUKEE—*Acme Pattern & Mfg. Co., 144 Clinton
*†Allis-Chalmers Co. (Corliss Engines, Mining Machy., etc.) (See Chicago, Ill.)
†American Bridge Co. (See New York City)
*†American Foundry & Furnace Co. (Hot Air Furnaces, etc.)
†Aston, Thos. & Son (Iron Fdrs), S Pierce & 24th av
†*Bayley, Wm. & Sons Co. (Engines, Boilers, Heavy Machy & Castings), 732 Greenbush
*Barth Mfg. Co. (Electric Elevators, ete.), 15th & St. Paul av
*Bastam, Alex., 423 4th
†Bay View Steel Casting Co., 132 S Bay
*†Brand Stove Co. (Stoves), 295 6th
*Brodesser Elevator Mfg. Co. (Elevators, Angle Straightening Machines, etc.), 512 Commerce
†Burnham, Clinton Foundry Co. (Iron Fdrs., etc.), 723 Park
*Cerny, Frank (Machinist), 654 Mitchell
*Chain Belt Co. (Chain Belting, Conveyors, etc.), Park & 11th av
*†Colnik, C. Mfg. Co. (Builders' Iron Work), 223 8th
†Crucible Steel Casting Co., 612 Clinton
†Crucible Steel Co. of America, 112 Clybourn
*§Cutler-Hammer Mfg. Co. (Elec. Specialties), 12th & St. Paul av
*†Davis Bros. Mfg. Co. (Steam Engines, etc.), 576 Clinton
*§Dengel, F. R. Mfg. Co. (Plumbers' Goods)
*Durant, W. N. (Counting Maehines), 237 22d
†Dutcher, J. A. & P. E. Co. (Steel Castings, etc.), 670 Kinnikinnic av
§Eagle Brass Foundry, 700 Kinnikinnic av
*Erwin Hydraulic Maehinery Co., 204 Grand av
*†Falk Co. (Steel Castings & Railroad Speeialties), Menominee Valley ft 30th
*Fast Maehine & Tool Works, S S Greenfield av c 25th av
*Federal Mfg. Co. (Pulleys, Steel Face Wood Center, ete.)
*†**FILER & STOWELL CO. (Steam** Engines & Pumps, Saw Mill Maehy., etc.) Beecher & Ziemer. (See adv. index, end of book)
*Force Feed Lubricating Co. (Lubricators), 127 Michigan
*Fillman Bros., 334 B'way
*Forward Machine & Tool Co., 30th & Meinecke av
*Fraser-Mather Co. (Engines & Milling Machines), 667 E Water
*†Fuller-Warren Co. (Stoves, etc.), 32d & Wright
*Funke, F. Steam Trap Co., 526 Commerce
*Galland-Henning Pneumatic Malting Drum Mfg. Co. (Brewers' & Malsters' Maehy), Mitehell bldg
*Glisch. John, 673 1st av
†Greenslade Foundry Co. (Iron Fdrs.), Jackson & Corcoran av
*Heller, Siegfried (Electric Elevators & Hoisting Machy), 313 Prairie
*Henes & Keller Co. (Bottling Machy), 413 Vliet
*Hepfinger, Louis Co., r 1412 Fond Du Lac av
*Herr, Berthold, 266 W Water
*Hess Co., 552 Grove
*§Hewitt Mfg. Co. (Journal Bearings, etc.), 241 Greenfield av
*†§Hoffmann, B. Mfg. Co. (Iron & Brass Fdrs., Steam Pipe Fittings & Steam & Plumbing Goods), 257 6th
*†§Hoffmann & Billings Mfg. Co. (Iron & Brass Fdrs. & Steam Fitters' & Plumbers' Supplies), 96 2d
*Holbrook Co. (Tanners' Machy), Muskego av & S Canal
*†Hoyt Mfg. Co. (Steel Ranges, etc.), 765 30th
*Hubacek & Gumz, r 261 3d
*Hustler Pattern Works, Forest Home N W c 24th av
*†International Harvester Co. of Amcrica. (See Chicago)
†Jenifer Furnace Co., 100 2d
*§Johnson Service Co. (Heat Regulators, etc.), 149 Miehigan
*Jonas Cycle Co. (Bicycles), 728 National av
*Kempsmith Mfg. Co. (Machine Tools, etc Linus & Woodward
*KIECKHEFER, A. ELEVATOR Co. (Electric, Hand & Power Elevators), 1026 St. Paul av. (See adv. index, end of book)
*Kopperud, Andrew (Machinist), Madison & Barclay
*Krausse & Schenck (Maehinists), 727 St. Paul av
*Kron & Hamilton, 193 E Water
*§Kruecke Bros. Mfg. Co.
*Krueger Mfg. Co. (Machinists), 463 Front
*Kunz, J. L. Machinery Co., 484 Market
*Lacher, John P., 379 3d
*§Lamp & Miller Mfg. Co. (Brass Fdrs. & Finishers), 509 Cedar
*†Lindemann, A. J. & Hoverson Co. (Stoves) 348 Florida
*†Lindemann, J. P. & Sons (Stoves), 78 W Water
*§Loeffelholz & Co. (Brass Fdrs. & Furniture Casters & Rollers), 170 Clinton
*Logemann Bros. Co. (Machinists, Mebchanical Stokers, etc.), 282 Ogden
*Luitink & Sons Mfg. Co. (Door Hangers, etc.), 775 18th
*Luther Bros. Mfg. Co., 204 Grand av
*Lutter & Gies (Machinists), 258 Lake
*Manthey & Nelson (Machinists), 625 Cedar
*Mechanical Appliance Co. (Electric Motors & Generators), 708 Hanover
§Mellen, Wm. & Son, 340 Barclay
*Merkel Mfg. Co. (Motor Cycles, etc.)
*Meyer, Geo. J., 271 Lake
*Milwaukee Auto Engine & Supply Co., 706 Winnebago
*§Milwaukee Brass Mfg. Co. (Brass Fdrs. & Finishers, Plumbing Goods), 241 Lapham
*Milwaukee Electric Co. (Dynamos, ete.), 58th & Greenfield av, West Allis
*Milwaukee Gas Stove Co. (Gas Stoves & Ranges, etc.), 139 Burrell
*§Milwaukee Hay Tool Co. (Haying Tools, etc.), 24th av nr Ry. Tracks
†Milwaukee Malleable & Grey Iron Works, 24th av nr Ry. Tracks
*Milwaukee Metal Working Co., Montgomery bldg
*Milwaukee Modern Tool Co. (Tools, ete.), 1487 3rd
*Milwaukee Motor & Mfg. Co. (Gas & Steam Engines), 128 Ferry
§Milwaukee Ornamental Metallic Mfg. Co., 316 Lake
†Milwaukee Steel Foundry
*†Milwaukee Stove & Foundry Co. (Stoves, etc.), 740 Hanover
*Milwaukee Valve Co. (Machinists, Valves, etc.), 881 Robinson av
*Mooers, H. Co. (Heating Apparatus, etc.), 114 2d
*†Mueller, L. J. Furnace Co. (Furnaces & Heating Apparatus, etc.), 197 Reed
*Munkwitz, Edw. H. (Machinist), Muskego av & S Canal
§Murphy Speeialty Co., 604 Grand av
*Nash, J. M. (Chair, Wood Polishing & Woodworking Machy), 129 Ferry
*NATIONAL BLOWER WORKS (Blowers, Fans, etc.), 17th & St. Paul av. (See adv. index, end of book)
*†National Electric Co. (Dynamos & Motors. etc.), Park Pl on River
*National Machine Co. (Lathes, Gas Engines, etc.), 660 Washn
*Niemann, A. C. & Co. (Machinists), 271 Lake
*†Nordberg Mfg. Co. (Pumping Machy, etc.), Oklahoma av & Chicago Rd
*Northern Novelty Works (Patterns & Polishers), 77 15th
§North Side Brass Works, 1368 Fond Du Lac av
*†Northwestern Iron Co. (Fdrs. & Machinists) Pabst bldg
†Northwestern Malleable Iron Co., 766 Park
†Nortmann-Duffke Foundry Co. (Crucible Steel & Iron Castings, etc.), Layton & 26th avs
†Obenberger, G. Forge Works Co., 288 Lake
*Obenberger, John Co., 128 Ferry
†Obenberger, J. & G. Co., 123 Barclay
*Pfeiffer & Smith (Machinists), 493 Barclay
*†Pawling & Harneschfeger (Electrie Cranes & Hoists, etc.), 156 Clinton
*Phillip & Pohl, 1231 Wright
*Phoenix Maehinery Co., 271 Lake
*†Prescott, Fred M. Steam Pump Co. Steam Pumps, etc.), 59th & Greenfield avs, W A
*Prinz & Rau Mfg. Co. (Brewers & Malsters & Flour Mill Mach'y, etc.), 659 E Water
§Radke, Aug., 1210 Hinman
*Ruesch, Jacob, 485 B'way
*§Rundle-Spence Mfg. Co. (Steam & Plumbing & Brass Fdrs., etc.), 63 2d
*Schwab, Philip (Machinist), 286 Lake
*†Schwab, R. J. & Sons Co. (Iron Fdrs. & Machinists & Furnaces), 271 Clinton

*Schwalbach, M. & Sons, 426 9th
*Seaman Machine Co. (Carving Machines), 127 Huron
*†Sheriffs Mfg. Co. (Marine & Excavating Mach'y, etc.), 124 Barclay
*Sherman, W. S. Co., 1148 Holton
*Sight-Feed Oil Pump Co. (Lubricators, etc.), 1148 Holton
*Skobis Bros. (Builders' Iron Work), 951 30th
†Smith, Geo. H. Steel Casting Co. (Steel Castings), 500 Clinton
*Smith Machine Co. (Concrete Mixers, etc.), 26th & Canal
*Sonnichsen. Andw. M., 338 8th
*†Speich Stove Repair Co.
*§Spence Mfg. Co. (Brass Fdrs. & Plumbing Goods), 279 Park
*§Standard Brass & Machine Works, 1S20 St. Paul av
*Stehling, Chas. H. Co., 508 Commerce
†Stowell Mfg. & Foundry Co., S Milwaukee
*†Thomas Furnace Co. (Hot Air Furnaces & Iron Fdrs.), 740 Kinnikinnic av
*Toepfer, Frank Sons (Machinists), 460 National av
*†Toepfer, W. & Sons (Iron Works), 76 Menomonee
†Town Lake Foundry Co., c Howell & Schiller
*†**VILTER MFG. CO. (Corliss Engines, Ice Machines, Bottling Machinery, etc.), 1046 Clinton.** (See adv. index, end of book)
Wagner, Adolph F. (Builders' Iron Work), 514 Market
*Welles, Fred A. (Calipers, etc.), 419 Sycamore
*†Western Hardware & Mfg. Co. (Gas Engines, Stoves, etc.), Dover pl & Deer
†Western Malleable & Grey Iron Mfg. Co., 139 Burrell
§Windsor Mfg. Co., 570 Clinton
*Wisconsin Machinery & Mfg. Co., Canal & W Muskegon av
†Wisconsin Malleable Iron Co., S Bay & Mound
*Zehner, Chas., 728 3d
MONROE—*†Lanz, A. & Sons (Machinists)
NEENAH—†Aylward, Wm. & Sons
*†Bergstrom Bro. & Co. (Stoves)
*Jamison, Robt. (Machinist)
*Johnson Bros. Machine Co.
NEILLSVILLE—†Taplin, W. W. (Iron Fdry.)
*Wolff & Korman (Machinists)
NEW HOLSTEIN—*Lauson, John Mfg. Co.
NEW LONDON—*†Beyer, Geo.
*†Madson, H. P.
NEW RICHMOND—*Duer, Chas. J.
NORTH MILWAUKEE—†Luther Bros. Co. (Sickle Grinders & Hardware Specialties)
*†Wagner, E. R. Mfg. Co. (Baby Carriages, etc.)
OCONOMOWOC—*†Moldenhauer, F. W.
OSHKOSH—*†Barnes, J. A.
*†Challoner Co. (Iron Fdrs. & Machinists & Mach'y)
*†Davis-Hanson Co. (Pumps)
*†Doman, H. C. Co. (Boats & Basoline Engines)
*Gillingham & Son (Machinists)
*†Hayes, E. B. Machine Co. (Woodworking & Saw Mill Mach'y.)
*Meelins, E. E. & H. T. (Slot Machines)
*†§Oshkosh Brass & Iron Works
*Oshkosh Tool Mfg. Co. (Logging Tools, etc.)
*Ransom Mfg. Co. (Wet Tool Grinders)
*Walker, Challoner & Co. (Machy.)
PLATTEVILLE—*†Platteville Foundry & Machine Co.
PLYMOUTH—†Thurman, F. & Co.
PORTAGE—†Baird, Jas.
PORT WASHINGTON—*†Gilson Mfg. Co.
*Luther, C. J. Co. (Sickle Grinders)
†Martin & Wester
*Western Implement Co. (Sickle Grinders)
PRAIRIE DU CHIEN—*Beuthin, Chas.
RACINE—*American Mangle & Roller Co. Laundry Machy.)
*†Armstrong Iron Co. (Sewer & General Castings)
Barker Feeder Co.
†Belle City Malleable Iron Co.
*†Belle City Mfg. Co. (Agl. Implts., etc.)
*Bishop, A. W. & Son (Machinists & Fishing Reels, etc.)
*†Case, J. I. Threshing Machine Co. (Agl. Implts.)
*†Case Plow Works (Plows)
§†Chalmers, Peter & Co. (Brass & Iron Fdry.)
*Driver, C. H. (Sand Papering Machines)
*†Foster & Williams Mfg. Co. (Agrl. Implts., etc.)
*†Freeman, S. & Sons Mfg. Co. (Agrl. Implts., Windmills, etc.)
*Gorton, Geo. Machine Co. (Engraving Machines, etc.)
*Gunther Co. (Machinists)
Harvey Spring Co.
*Herrick, H. F. (Agrl. Implts., Threshing Machine Repairs, etc.)
*†Holbrook-Armstrong Iron Co.
*Johnson & Field Mfg. Co. (Grain Cleaning Mach'y)
*Kane, Thos. & Co. (Candy Mach'y, etc.)
†Lakeside Malleable Castings Co.
*Midland Iron Works (Door Hangers, etc.)
*†Mitchell & Lewis Co. (Machinists & Fdrs., Farm & Spring Wagons)
*†Pierce Engine Co.
*Piggins Bros. (Machinists)
†§Racine Brass & Iron Co.
*†Racine Engine & Iro nWorks (Steam Engines, etc.)
*Racine Machine & Tool Works
*Racine Machinery Mfg. Co. (Confectioners' Machy.)
†Racine Malleable & Wrought Iron Co.
*Racine-Sattley Co. (Wagons, etc.)
*Racine Tank Lug Co. (Malleable Iron Tank Lugs)
*†Reliance Iron & Engine Co. (Iron Fdrs. & Machinists)
*Rowlands Machine Co. (Moulding Machy.)
*Tecktonius, E. C. Mfg. Co. (Hoop, Lugs, Bolster Springs, etc.)
*Wisconsin Mfg. Co. (Motor Cycles, etc.)
RANDOLPH—*Nutting, C. A.
*Smith, Geo. B.
RHINELANDER—*†Rhinelander Iron Co. (Iron Fdrs. & Machinists)
RICE LAKE—†Peters, J. H.
RIPON—*†Schaefer, W. E. (Iron Fdr. & Machinist)
SAUK CITY—†Kahn, Andrew
SEYMOUR—*†Dean Mfg. Co. (Iron Fdrs. & Machinists)
SHEBOYGAN—*Globe Foundry & Machine Co. (Feed Cutters, Feed Mills, Saw Machines, etc.)
*†Jenkins Machine Co. (Chair Mach'y & Bicycles, etc.)
*†Kohler, J. M. Sons Co. (Cast Iron Enameled Sanitary Ware & Castings)
*Optenberg & Sonneman (Machinists)
*†Stehn Mfg. Co. (Machinists & Mach'y)
*†Vollrath, J. J. Mfg. Co. (Enameled Sanitary Ware)
SHEBOYGAN FALLS—*†Armburster, Otto
*†Falls Machinery Co. (Machinists & Machinery)
SOUTH MILWAUKEE—*†Bucyrus Co. (Steam Shovels & Dredges, etc.)
Eagle Horse Shoe Co.
*Megow & Wallace (Machinists)
*†Stowell Mfg. & Fdry. Co. (Grey Iron Castings, Door Hangers & Hardware Specialties, etc.)
SPARTA—*†Sparta Iron Works Co. †Iron Fdrs. & Machinists)
STEVENS POINT—*†§Cook, R. A. (Iron & Brass Fdry. & Saw Mill Machy., etc.)
*Hoeffler Mfg. Co. (Machinists, etc.)
*†Rice, John Foundry & Machine Works (Iron Fdry. & Machinist)
STOUGHTON—*Amundson, Peter
†Mandt Wagon Co.
*†Stoughton Wagon Co. (Plows, etc.)
STURGEON BAY—*†Ives Bros. (Iron Fdrs. & Machinists)
SUN PRAIRIE—*Mader & Flower
SUPERIOR—*†Duplex Mfg. Co. (Windmills & Engines, etc.)
*†Evered, Chas. A.
*†Strothman Iron Co. (Iron Fdrs., Mill & Mining Mach'y)
†Superior Iron Works
*†Superior Ship Building Co. (Ships & Marine Engines, etc.)
† U. S. Cast Iron Pipe Foundry Co.
TOMAHAWK—*†Tomahawk Iron Works (Iron Fdrs. & Machinists)
TWO RIVERS—*†Kahlenberg Bros. (Machinists)
WASHBURN—*Steinert, R. & Co.
WATERLOO—*Doering, A.
WATERTOWN—*†§Brandt-Dent, Edw. J. Co. Iron & Brass Fdrs. & Specal Machy.. etc.)
†Watertown Foundry Co.
WAUKESHA—*†Blair Bros. (Iron Fdry., etc.)
*Ladewig, Wm. (Machinist)
*Modern Steel Structural Co.
†Waukesha Malleable Iron Co.
WAUPACA—†Rosche & Suhs (Iron Fdry.)
WAUPUN—*†Althouse-Wheeler Co. (Windmills & Pumps, etc.)
*Olson, O. C. (Plows)
WAUSAU—*†Murray, D. J. Mfg. Co. (Iron Fdrs. & Saw Mill Mach'y)
*†Wausau Foundry & Machine Co.
WEST ALLIS—*†Allis-Chalmers Co. (Corliss Engines, Mining Mach'y, etc.) (See Chicago, Ill.)
*Kearney & Trecker (Milling Machines)
*†Prescott, Fred Steam Pump Co. (Steam Pumps, etc.)
*†Rosenthal, Husker Co. Agl. Implts.)
†West Allis Malleable Iron & Chain Belt Co.
WEST BEND—*†Silberzahn Mfg. Co. (Iron Fdrs. & Machinists, etc.)
WEST DE PERE—*†Burns Boiler & Mfg. Co. (Iron Fdrs., Machinists, Boiler Makers, etc.)
WHITEWATER—*Whitewater Machine Co. (Agrl. Implts., etc.)

Machinists' Tools & Supplies (Dealers)

(See also Mill & Factory Supplies)

For manufacturers of Machinists' Tools & Supplies see the specific article required.

CALIFORNIA.

SAN FRANCISCO—Alexander-Yost Co. (Tools), 401 Market
Compressed Air Machinery Co., 24 1st
Harron, Richard & McCone, 21 Fremont
Henshaw, Bulkley & Co., Fremont & Mission
Marwedel, C. W., 58 1st
Pacific Tool & Supply Co., 105 1st
Tatum & Bowen. 34 Fremont
Wright, T. Wesley & Co., 83 New Montgomery

COLORADO.

DENVER—Scott Supply & Tool Co., 1725 Blake

CONNECTICUT.

BRIDGEPORT—Hawley, T. & Co., 549 Water
Lyon & Grumman, 1023 Main

DISTRICT OF COLUMBIA.

WASHINGTON—Lambie, Jas. B. Co. Inc.) Fine Tools, etc.), 1415 New York av, N W

GEORGIA.

AUGUSTA—Lombard Iron Works & Supply Co.

ILLINOIS.

BLOOMINGTON—Read, G. H. & Bro.
CAIRO—Reed, J. B.
CHICAGO—Banner, Thos. B., 57 Kinzie
Besley, Chas. H. & Co., 15 N Sanal
CARPENTER, GEO. B. & CO., 202 S. Water. (See tdv. index. end of book)
Harris, Samuel & Co., 25 S Clinton
Henion & Hubbell, 63 N Jefferson
Hill, Clarke & Co., 12 S Canal
Hodge & Homer Co., 47 W Randolph
Kerr, J. W. Co., 47 S Canal
McDowell, Stocker & Co., 59 S Canal
McLeod Co., 73 Fulton
Machinists' Supply Co., 16 S Canal
MANNING, MAXWELL & MOORE 22, 24 & 26 S Canal. (See adv. index, end of book)
Marshall & Huschart Machinery Co., 62 S Canal
Scully Steel & Iron Co. Halsted & Wayman Sta.
Seehausen, Wehrs & Co., 11 S Canal
Walsh, Jno. F., 25 W Lake
WHITMAN & BARNES MFG. CO., West Pullman. (See adv. index, end of book)
JOLIET—Barrett Hardware Co.

INDIANA

EVANSVILLE—Bush, E. M. Hardware Co. (Tools)
INDIANAPOLIS—Indianapolis Hardware Co., 35 S Meridian
Vonnegut Hardware Co., 120 E Wash

KANSAS

LEAVENWORTH—Great Western Mfg. Co.

KENTUCKY

LOUISVILLE—Ahrens & Ott Mfg. Co.

LOUISIANA

NEW ORLEANS—Fairbanks Co., 610 Canal
McArdle-Parker Machinery Co., 514 Camp

MAINE

PORTLAND—Edwards & Walker Co. (Tools, etc.)

MARYLAND

BALTIMORE—Basshor, T. C. Co., 28 Light
Brown, Jno. & Sons, 722 E Pratt
Carey Machinery & Supply Co., 117 S Fremont
Crook-Horner Co., 301 N Howard
Cuyler & Mohler, 2324 Boston
Spedden Supply Co, 313 S B'way
Wallace & Gale, 422 E Pratt
CUMBERLAND—McKaig, Merwin

MASSACHUSETTS.

BOSTON—Brown Wales Co. (Supplies), 60 Purchase
Chandlar & Farquhar Co., 36 Federal
Chase Parker & Co., 81 Pearl
Cutter, Wood & Stevens Co., 76 Pearl
Dodge, Haley & Co., 212 High
Fairbanks Co., 44 Pearl
Fitts, Frank E. Mfg. & Supply Co., 88 Purchase
Fitz, Dana & Co., 110 North
Hill, Clarke & Co.
Hoey, Thos. Supply & Mfg. Co., 401 Atlantic av
Jewett, J. D. Co. (Hardware, Tools & Supplies), 168 Wash'n
MANNING, MAXWELL & MOORE 128 Oliver. (See adv. index, end of book)
Wilkinson, A. J. & Co. (Hardware, Tools & Supplies), 180 Wash'n

MICHIGAN

BAY CITY—Jennison Hdw. Co.
DETROIT—Detroit Edge Tool Works, Wight c Mt. Elliott av
Rayl, T. B. Co., 112 Woodward av
Strelinger, Chas. A. Co., 98 Bates
Woodbridge & Coelius Machine Co., 127 Brush
Wormer, C. C., Machinery Co., 97 Woodbridge
Wray-Austin Mach'y Co., 171 Woodbridge

MINNESOTA

MINNEAPOLIS—Northern Machinery Co., 217 S 3d
ST. PAUL—Robinson & Cary Co., 4th & Wacouta

MISSOURI

KANSAS CITY—Brunner, H. J. Hardware Co., 910 Walnut
Great Western Mfg. Co.
Lewis Supply Co.
ST. LOUIS—Bowman, Albert B., 720 N 2d
Cahill, Swift Mfg. Co., 20 S 12th
Colcord, W. R. Machinery Co., 821 N 2d
CRANE CO. (See adv. index, end of book)
FAIRBANKS, MORSE & CO. (See adv. index, end of book)
Handlan-Buck Mfg. Co., 212 N 3d
Johnson, Wm. C. & Sons, 5362 Page boul
Linley, E. H. Supply Co., 714 N 2nd
MANNING, MAXWELL & MOORE 305 Frisco, bldg. (See adv. index, end of book)
Nelson, N. O. Mfg. Co., 8th & St. Charles
Rumsey, L. M. Mfg. Co., 811 N Main
Rumsey & Sikemeier Co., 1900 Pine
Simmons Hardware Co., B'way & St. Charles
St. Louis Machinists' Supply Co., 421 Franklin av
Sligo Iron Store Co., 945 N 2d
Thompson, C. A. (Machines & Tools), 516 N 3d
Western Iron & Supply Co., 938 N 2d

NEW JERSEY

NEWARK—Macknet & Doremus, 796 Broad
Roe & Conover, 200 Market

NEW YORK

ALBANY—Fairbanks Co.
BUFFALO—Beals & Co., 44 Terrace
Budd, T. A., 428 Ellicott sq
Buffalo Wholesale Hardware Co., Wash'n & S Division
Fairbanks Co., 210 Main
Hoffeld, R. & Co., 65 Carroll
New England Machinery Co., 101 Erie
Ruckel, J. H. &Son, 81 Main
Walbridge & Co., 392 Main
Weed & Co., 292 Main

Borough of Brooklyn

BROOKLYN—Birkett, Wm. H., 68 Myrtle av
Metropolitan Supply Exchange & Mfg. Co., 26 Court
Purvis & Shelton , 241 Plymouth
Wilfert, Jno. & Co., 490 Bushwick av

Boroughs of Manhattan & Bronx

NEW YORK—Beggs, Jas. & Co., 109 Liberty
Behringer, Edw. A., 80 Warren
Du Bois, F. N. & Co., 245 9th av
Eustace, Edw. C., 54 Center
Fairbanks Co., 186 Elm
Foster, Walter H., 126 Liberty
Frasse Co., 38 Cortlandt
Frasse, Peter A. & Co., 94 Fulton
Garvin Machine Co., 137 Varick
Gesswein, F. W. Co. (Fine Tools & Supplies of all kinds), 39 John, N. Y.
HAMMACHER, SCLHEMMER & Co., 129 4th av. (See adv. index, end of book)
Hussey, E. J. & Co., 80 John
Hussey, McCann & Co., 37 Dey
Leonard & McCoy, 161 Wash'n
McCabe, J. J., 14 Dey
MANNING, MAXWELL & MOORE, 85, 87 & 89 Liberty. (See adv. index, end of book)
Montgomery & Co., 105 Fulton
Niles-Bement-Pond Co., 136 Liberty
Patterson, Gottfried & Hunter (Ltd.), 146 Centre
Prentiss Tool & Supply Co., 115 Liberty
Reichhelm, E. P. & Co. (Tools, Files & Supplies), 23 John
Strong Machinery & Supply Co., 2 Murray
Tucker, Cummings H., Jr., 135 Greenwich
White, Van Glahn & Co.
WHITMAN & BARNES MFG. CO., 111Chambers. (See adv. index, end of book)
SYRACUSE—Syracuse Supply Co.
Wood, C. H. Co., 401 S Clinton
UTICA—Dent, M. F., 81 Wash
Holdredge, Burton, 48 Catherine
Utica Drop Forge & Tool Co., Half Way Bridge

NORTH CAROLINA.

CHARLOTTE—Charlotte Supply Co.
Textile Mill Supply Co.

OHIO

AKRON—**WHITMAN & BARNES MFG.** Co. (See adv. index, end of book)
CINCINNATI—Bell, Thos. J., 53 Main
Boebinger Hardware Co., 315 E Pearl
Kinsey, E. A. Co. (Drills, Lathes, Shapers, Grinders, Boring & Milling Machines, 331 W 4th
Pickering Hardware Co., 5th & Main
Queen City Supply Co., 201 W Pearl
WHITMAN & BARNES MFG. CO., 212 E 8th. (See adv. index, end of book)
CLEVELAND—Bingham, W. Co., 97 Superior
Cleveland Tool & Supply Co., 8 S Water
McIntosh Hardware Corpn., 116 Superior
MANNING, MAXWELL & MOORE, Williamson bldg. (See adv. index, end of book)
Marshall & Huschart Machinery Co., 24 Lake
Pattison, W. M. Machinery Co., 263 St. Clair
Reade Machinery Co. (Machine Tools for Boiler, Bridge & Ship Builders, etc.), Chamber of Commerce bldg
STRONG, CARLISLE & HAMMOND CO., 61 Frankford. (See adv. bottom of this page)
White, Frank C. Tool & Supply Co., 137 Bank
DAYTON—Dayton Supply Co
Miami Valley Machine Tool Co.
Patterson Tool & Supply Co.
HAMILTON—Hamilton Supply Co. (Fine Tools, etc.)
SPRINGFIELD—Springfield Hardware Co.
TOLEDO—Toledo Supply Co.

OREGON

PORTLAND—Avery & Co., 83 2nd

PENNSYLVANIA

PHILADELPHIA—Bickerton, Thos. B., 12 N 5th
Billany & Cochrane, 527 Commerce
Billington, Jas. H. Co., 113 Chestnut
Bond, Chas., 520 Arch
Bullock, Chas. K., 136 Ridge av
Donlevy, Frank L. & Co. (Tools, etc.), 833 Arch
Fairbanks Co., 701 Arch
Field's, Chas. J. Sons (Tools, etc.), 633 Market
Girard Machine & Tool Co., 491 N 3d
Haddock, Chas., 343 N 3d
Hankey, A. & Co., 2233 Vine
Hill-Clark Co., Phila. Bourse
Insley, John E., 13 N 6th
Jones & Rogers, 327 New

The Strong, Carlisle & Hammond Co.
MACHINE TOOLS AND SUPPLIES. *CLEVELAND, O., U.S.A.*

Lovegrove & Co. (Machines & Tools), 143 McFadden, Jno. W., 40 N 4th N 3d
MANNING, MAXWELL & MOORE, 721 Arch. (See adv. index, end of book)
Pennsylvania Machinery & Supply Co., 619
Rainear, C. J. & Co., 518 Arch
Sees & Taber, 2008 N Front
Seyfert's, L. F. Sons, 437 N 3d
Shipley, W. E., Phila. Bourse
Steel, Percy R., 609 Commerce
Toomey, Frank, 127 N 3d
Vance, Jas. M. & Co., 211 Market
Williamson & Cassedy, 526 Market
Woodfield, Jos., 307 S 2nd
PITTSBURG—Baird Machinery Co. (All Kinds of Machine Tools, Hoists, Drills, etc.), 123 Water
Brown & Zortman Machinery Co., 3 Wood
Fairbanks Co., 238 3d av
Frick & Lindsay Co., 109 Wood
Logan-Gregg Hdw. Co., 125 7th
MANNING, MAXWELL & MOORE, Park bldg. (See adv. index, end of book)
Pittsburg Supply Co., 226 1st av
Prentiss Tool & Supply Co., 120 1st av
Smith, Chas. G. Co., 347 5th av
Somers, Fitler & Todd, 327 Water
Turner, Chas. A. (Fine Tools, etc.), 14 Market
READING—Bright & Co. (Tools, etc.), 504 Penn
SCRANTON—Connell, W. P. & Sons
Scranton Supply & Machinery Co.
WILKESBARRE—Penn Supply Co., 60 S Canal
WILLIAMSPORT—Darling Pump & Mfg. Co.

RHODE ISLAND.

PROVIDENCE—American Supply Co.
Thomas & Lowe Machinery Co.

SOUTH CAROLINA

GREENVILLE—Carolina Supply Co.

TENNESSEE

CHATTANOOGA—James & Co.

TEXAS

DALLAS—Waskorn, W. M. & Co.

VIRGINIA

RICHMOND—Bargamin, G. & A. Co., 14 S 9th
McGraw, Jas., 1440 E Main
Southern Railway Supply Co., 9th c Cary

WASHINGTON

SEATTLE—Holley, Mason, Marks & Co.
Holley, Mason, Marks & Co.

WEST VIRGINIA

CHARLESTON—Capitol City Supply Co.

WISCONSIN

MILWAUKEE—Packard, O. L. Machinery Co., 133 W Water
RACINE—Pierce Engine Co. (Vapor Engines & Launches)

Magnesialith Flooring (Flawless)

Keasbey & Matteson Co. Main Office & Works, Ambler, Pa. Branches, 84 John, N. Y.; 154 Pearl, Boston, Mass.; 208 Lake, Chicago, Ill.; 214 S Peters, New Orleans, La.; 318 Liberty av, Pittsburg, Pa.; 350 E Water, Milwaukee, Wis.; 117 Water, Cleveland, O.; 528 Main, Cincinnati, O.; 1111 14th, N W, Washington, D. C.; Granite blk, St. Louis, Mo.; 307 S 6th, Minneapolis, Minn., & 10 N Forsyth, Atlanta, Ga.

*Magnesite (Calcined)

WHITTAKER, W. H. (Lump & Powdered), 245 Front, New York

Magnesite (Crude)

Hammill & Gillespie, 240 Front, New York
Harbison & Walker Refractories Co., Farmers' Bank bldg, Pittsburg, Pa.
Harshaw, Fuller & Goodwin Co., 100 William, New York
Vlasto, Solon J., 2 Stone, New York

Magnetos (Sparkling)

Miller-Knoblock Elec. Mfg. Co., South Bend, Ind.

Magnetos (Testing)

Holtzer-Cabot Elec. Co., Brookline, Mass.

Magnets (Electro)

Ansonia Electrical Co., Ansonia, Conn.
Electric Controller & Supply Co. (Lifting), Cleveland, O.
Electrical Appliance Co., 528 Walnut, Cincinnati, O.
Glaenzer, Freres & Reinboldt (Imported), 26 Wash'n pl, N. Y.
Hall, Arthur W. Scientific Co., 141 Franklin, Boston, Mass.
McDermid Mfg. Co., Board of Trade bldg, Chicago, Ill.
Manhattan Electrical Supply Co., 32 Cortlandt, N. Y.
Miller-Knoblock Electric Mfg. Co., South Bend, Ind.
Splitdorf, Chas. F., 17 Vandewater, New York
Thompson, Chas. A., 45 York, Brooklyn, N. Y.
Varley Duplex Magnet Co., Phillipsdale, R. I.

Magnets (Lifting)

Cutler-Hammer Mfg. Co., Milwaukee, Wis.; 136 Liberty, New York, & Chicago, Ill.

Mail Catchers (Railway)

Taylor & Boggis Foundry Co., 521 Seneca, Cleveland, O.

*Mail Chutes for Buildings

CUTLER MFG. CO., Rochester, N. Y. (See adv. index, end of book)

Mail or Letter Boxes

(See Boxes, Mail or Letter.)

Mailing Boxes & Cases (Sample)

Melville, F. H. ("Climax"), 24 E 44th, Bayonne, N. J.

Mallets (Calking)

Doscher Plane & Tool Co., Saugatuck, Conn.
Mack & Co., Rochester, N. Y.
Union Hardware Co., Torrington, Conn.
White, L. & I. J. Co., Perry & Columbia, Buffalo, N. Y.
Wilcox, Crittenden & Co., Middletown, Conn.

Mallets (Rawhide)

Chicago Rawhide Mfg. Co., 75 E Ohio, Chicago, Ill., & 139 Congress, Boston, Mass.
New England Awl & Needle Co., West Medway, Mass.

Mallets (Rubber)

Boston Belting Co., 256 Devonshire, Boston, Mass.; 100 Reade, New York
Continental Rubber Works, Erie, Pa.
Morgan & Wright (Inc.), 19 N May, Chicago
Republic Rubber Co., Youngstown, O.
Revere Rubber Co., 77 Bedford, Boston, Mass.; 59 Reade, New York; Phila., Pa.; Chicago, Ill., & San Francisco, Cal.

Mallets (Wooden)

Bernz, Otto, S 13th & S Orange av, Newark, N. J.
Bliss, R. Mfg. Co., Pawtucket, R. I.
Boston & Lockport Block Co., 160 Commercial, Boston; 33 South, N. Y., & Lockport, N. Y.
Doscher Plane & Tool Co. (Carpenters', Tinners', Carvers', Stone Cutters', Etc.), Saugatuck, Conn.
Helenberg, J B. & Son (For Stone Cutters, Carpenters, Tinners, etc.), Coldwater, Mich
National Novelty Corporation, 826 B'way, New York
Paterson Handle Works, Paterson, N. J.
Piqua Handle & Mfg. Co., Piqua, O.
Sandusky Tool Co., Sandusky, O.
Sommer's, John Son, 355 Central av, Newark, N. J.
Stanley Rule & Level Co., New Britain, Conn., & 107 Chambers, N. Y.
Union Hardware Co., Torrington, Conn.
Wilcox, Crittenden & Co., Middletown, Conn.
Williams & Marvin Mfg. Co., Deep River, Conn.

Malt Kiln Floors

Aberthaw Construction Co., 7 Exchange, Boston, Mass.
Osborn, S. J., Jr., & Co., cor Pearl & Eggleston av, Cincinnati, O.
Schillinger Bros. Co., 412 City Park av, Toledo, O.
Schreiber, L. & Sons Co., 8th & Eggleston av, Cincinnati, O.
Sicilian Asphalt Paving Co., Times bldg, New York
Toepfer, W., & Sons, 88 Menomonee, Milwaukee, Wis.

Malt & Ice House Builders

American Bridge Co., 100 B'way, New York
Griesser, Wilhelm Construction Co., 11 B'way, New York
Phoenix Iron Co., 410 Walnut, Phila., Pa.; The Rookery, Chicago, Ill.; 153 Milk, Boston, Mass., & 49 William, New York. Works, Phoenixville, Pa.
Saladin Pneumatic Malting Construction Co., 59 S. Clinton, Chicago, Ill.
Schreiber, L. & Sons Co., 8th & Eggleston av, Cincinnati, O.

Mandrels

Adams Co., Dubuque, Iowa
Block-Pollak Iron Co., Carthage, O., & Marquette bldg, Chicago
Cleveland Twist Drill Co., Cleveland, O.
Illinois Iron & Bolt Co. (Blacksmiths'), Carpentersville, Ill.
Kinsley Iron & Machine Co., Canton, Mass.
Le Count, Wm. G., South Norwalk, Conn.
Morse Twist Drill & Machine Co., New Bedford, Mass.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Nicholson, W. H. & Co. (Expanding Lathe), Wilkesbarre, Pa.
Peck, Stow & Wilcox Co., Southington, Conn., & 27 Murray, New York
Pleuger & Henger Mfg. Co., 11th & Hebert, St. Louis, Mo.
Pratt & Whitney Co., Hartford, Conn.
Putnam Machine Co., Fitchburg, Mass.
Rogers, John M., Boat, Gauge & Drill Works, Gloucester City, N. J.
Smith, H. B., Machine Co., Smithville, N. J.
Standard Tool Co., 1260 Central av, Cleveland, Ohio
Standish, Albert, 120 W Spring, Columbus, O.

Stauffer, Geo. E., E Stroudsburg, Pa.
Wells Bros. Co., Greenfield, Mass.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)
Wiley & Russell Mfg. Co., Greenfield, Mass.

Mandrels (Expanding)

Le Count, Wm. G., S Norwalk, Conn.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Nicholson, W. H. & Co., Wilkesbarre, Pa.
Western Mfg. Co. ("Champion"), Springfield, Ohio

Mandrels (Lathe)

Brown & Sharpe Mfg. Co., Providence, R. I.

Mandrels (Saw)

American Woodworking Machine Co., 136 Liberty, New York; 45 S Canal, Chicago, Ill., & Williamsport, Pa.
Atkins, E. C. & Co., Indianapolis, Ind.
Champion Saw & Gas Engine Co., Beaver Falls, Pa.
Cordesman Machine Co., 25 Butler, Cincinnati, O.
Disston, Henry & Sons (Inc.), Tacony, Phila., Pa., & 75 W Wash'n, Chicago, Ill.
Emerson, Smith & Co., Beaver Falls, Pa.
Fay, J. A. & Egan Co., Front & John, Cincinnati, O.
Farquhar, A. B. & Co. (Ltd.), York, Pa.
Hobbs Mfg. Co., Worcester, Mass.
Hoe, R. & Co., 506 Grand, New York
Lippert, E. T., Hooker & Lincoln av, Pittsburg, Pa.
National Saw Co., Middletown, N. Y., & Newark, N. J.
Ober Mfg. Co., Chagrin Falls, O.
Reed, Jos. B., Cairo, Ill.
Smith, H. B. Machine Co., Smithville, N. J.
Southern Engine & Boiler Works (Inc.), Jackson, Tenn.
Southern Saw Works (Circular Saw), Atlanta, Ga.
Standish, A., 120 W Spring, Columbus, O.
Union Iron Works, Bangor, Me.
Wheland Machine Works, Chattanooga, Tenn.
Woods, S. A. Machine Co., 445 Dorchester av, Boston, Mass.

Mandrels (Taper)

Brown & Sharpe Mfg. Co., Providence, R. I.
Comstock, Geo. S., Mechanicsburg, Pa.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Pratt & Whitney Co., Hartford, Conn.
Wiley & Russell Mfg. Co., Greenfield, Mass.

Mandrels or Cones (Blacksmiths')

Illinois Iron & Bolt Co., Carpenterville, Ill.
Swett, A. L. Iron Works, Medina, N. Y.

Manganese

Cooper, Chas. & Co., 194 Worth, N. Y.
Doggett, Stanley, 101 Beekman, New York
Kendall & Flick, Washington, D. C.
National Paint & Manganese Co. (Miners & Grinders), Lynchburg, Va.
Roessler & Hasslacher Chemical Co. (Chloride, Oxide, Sulphate, etc.), 100 William, N. Y.
Samuel, Frank (Firm of), 1502 Market, Phila., Pa.

Manganese Bronze (Parsons')

Cramp, Wm. & Sons Ship & Engine Building Co., Phila., Pa.
Taunton-New Bedford Copper Co., Taunton, Mass., & New Bedford, Mass.

Manganese Ore

Kendall & Flick, 618 Penna. av, N. W., Washing, D. C. Mines, Elkton, Va.
LEAVITT, C. W. & CO. (and Chrome), 15 Cortlandt, New York. (See adv. index, end of book)
Staley's Creek Manganese & Iron Co. (Miners), Marion, Va.

Mangles (Ironing)

(See Laundry Machinery.)

Manheads, Yokes, Etc. (Pressed Steel)

Central Iron & Steel Co., Harrisburg, Pa., & Real Est. Trust bldg, Phila., Pa.
Coatesville Rolling Mill Co., Coatesville, Pa.
Glasgow Iron Co., Pottstown, Pa., & 1502 Market, Phila., Pa.
Lukens Iron & Steel Co., Coatesville, Pa.
Worth Bros. Co. (also Cast Iron), Coatesville, Pa.

Manhole Covers

(See Sewer Manhole Covers, also Coal Hole Covers.)

Manhole Plates

(See Manheads, Yokes, Etc., Pressed Steel.)

Manifolds

Belfield, H. & Co. (Cast, Wrought, etc.), 435 N Broad, Phila., Pa.

Manila & Sisal Rope Mfrs.

(See Rope Mfrs., Manilla & Sisal.)

Mantel, Grate & Tile Dealers

We MAINTAIN A BUREAU OF INFORMATION for the free use of Architects and for those who promote this publication by purchase or advertising.

ALABAMA.

BIRMINGHAM—Hopkins Stove & Tinware Co., 2012 2d av
May & Thomas Hardware Co., 2015 1st av
Mayberry Hardware Co., 1917 2d av
Moore & Handley Hdw. Co., 2012 Powell av
Prowell Hdw. Co., 1917 2d av
DECATUR—Wyker, J. D.
MOBILE—Builders' Supply Co.
Price, H. M. & Co., 18 S Water
MONTGOMERY—Bogacki, C. Y.
Kennedy Co.
SELMA—Johnson Hardware Co.
Robbins, J. H. & Sons Hardware Co.
TUSCALOOSA—Allen & Jemison Co.
Leland Hardware Co.

ARIZONA.

PHOENIX—Davidson, C. H. & Co.

ARKANSAS.

HELENA—Tappan, J. A. Hardware Co.
LITTLE ROCK—Arkansas Pump & Pipe Co.
Boicourt, J. H. & Co.
Stainback-Brown Co.
MAGNOLIA—Davis & Warnock
TEXARKANA—Chatfield & Buhrman
Texarkana Hardware Co.

CALIFORNIA.

FRESNO—Barrett-Hicks Co.
LOS ANGELES—Braunling, F. W., 652 S Main
California Mantel Co., 716 S Spring
Collins, B. V., 213 W 6th
Frey, J. W., 537 S B'way
Harper & Reynolds Co., 152 N Main
Los Angeles Mantel & Tile Co., 628 S Spring
Montague, W. W. & Co., 124 N Los Angeles
OAKLAND—Howden, R., 1158 Webster
Kelly, J. F., 725 7th
PASADENA—Pasadena Mfg. Co.
SAN FRANCISCO—Bateman, Wm., 835 Folsom
Bennett & Schutte, 182 Valencia
Bush & Mallett Co., 328 Post
Clawson, L. E. & Co., 1340 Market
Flink & Shindler Co., 1309 Market
Holbrook, Merrill & Stetson, 221 Market
Ilse, Kieffer & Maybeck, 2251 Folsom
Lowry & Daly, 551 Brannan
Magary, W. W., 2324 Bryant
Mangrum & Otter, 581 Market
Montague, W. W. & Co., 317 Market
Rigney, Thos. F., 134 Valencia
West Coast Furniture Co., 432 4th
SAN JOSE—Mangrum & Otter Co., 85 E Santa
739 W 13th av
Stock's, John Sons, 75 S 1st

COLORADO.

DENVER—Backus Heating Co., 415 17th
Cook, T. W. & Co., 1623 Tremont
Denver Mantel & Tile Co., 1652 Tremont
Fanning Bros., 1855 Welton
Paulson, John P., 15th & Wynkoop
Sayre-Newton Lumber Co., 23d & Blake
Wicklem & Sederholm Bldg & Mantel Co., 739 W 13th av
PUEBLO—Holmes Hdw. Co., 302 S Union av
Killin, John M. & Co.

CONNECTICUT.

BRIDGEPORT—Fenn & Morehouse Co., 39 William
Rand, G. P. & Co., 107 Middle
HARTFORD—Dunn, P. H., 94 Pearl
Hartford Mantel & Tile Co., 164 State
Maslem, Stephen, 40 High
Smith & Hutton, 1446 Broad
White & Whitmore, c Ann & Asylum.
NEW HAVEN—Ahern, Thos. F. & Co., 521 Grand av
Chamberlain Furniture & Mantel Co., c Orange & Crown
Corbett, T. W., 29 B'way
Elm City Brass Co. (Mfrs. of Brass Fireplace Fixtures, etc.), 80-84 Audubon
Norton Bros. & White Co., 85 Water
Phillips, Thomas & Son, 143 High
Sperry & Amos Co., 102 Water
NEW LONDON—Pierce, E. B., 13 Golden
NORWICH—Crowell, Fred C.
Gilbert, N. S. & Sons
Porter, H. B. & Son Co.
TORRINGTON—Hotchkiss Bros. Co.
WATERBURY—Jackson, Chas. A. & Co., 270 Bank
Jackson, Thos. F., 312 Bank
Tracy Bros. Co., 52 Benedict

DELAWARE.

WILMINGTON—Simmons & Bro., 421 Market

DISTRICT OF COLUMBIA.

WASHINGTON—Barber & Ross, 614 11th, n w
Corning, John Herbert, 520 13th, n w
Dodson & Hodgson, 1226 H, n w
Eisinger & Wilson, 2203 14th, n w
Hutchinson, Wm. S., 1331 G, n w
Hutchinson & Harbin, 211 12th, n w
Mobley, W. H. & Co., 524 E, n e
Muddiman, C. A. & Co., 616 12th, n w
National Mosaic Co., 207 John Marshall pl, n w
Roche, Mylon, 520 12th, n w

FLORIDA.

GAINESVILLE—Miller & Avera
JACKSONVILLE—Clark, Geo. W. Co.
PENSACOLA—Johnson, Wm. & Son

GEORGIA.

ATLANTA—Bortoli Co., 125 Marietta
Woodward Lumber Co., Whitehall & C of Ga Ry
AUGUSTA—Evans, John J.
Slusky, David, 1009 Broad
Tarver, J. E.
BRUNSWICK—Anderson, Wm. C.
MACON—Burke, T. C. W. & R., 358 3d
Merritt Hardware Co.
Wilder's, R. C. Sons Co., 614 3d
Willingham Sash & Door Co., 457 3d
SAVANNAH—Peeples, H. H. & Son
Semmes Hardware Co.
Savannah Building Supply Co.
Weed, J. D. & Co.

ILLINOIS.

BEARDSTOWN—Van Fossen, S. L.
BLOOMINGTON—Holder-Athey Hardware Co.
Keiser-Van Leer Co.
Read, G. H. & Bro.
Popple, M. L., 417 W Main
CAIRO—Halliday, E. C.
Woodward Hardware Co.
CARLINVILLE—Woodward, S. S. Hdw. Co.
CHICAGO—Booth, Sherman M., 38 N Campbell av
Crishop, Mrs. Mary A., 113 W Van Buren
Davis Mosaic Co. (Also Encaustic Tiling for Walls & Floors), 302 Michigan av
Dawson Bros., 199 N Halsted
Ehman, C. & Co., 1201 W Superior
Englewood Mantel & Tile Co., 6203 Wentworth av
Gulickson, Geo., 70 Milwaukee av
Guy, Walter, 5232 W Indiana
Hawes & Dodd, 24 Adams
Hoops & Ludwig, 10 Monroe
Interior Woodworking Co., 296 Wabash av
Keating, M. & Sons Co., 224 Wash'n
King, Molesworth, 3139 Wabash av
Lorenzen, Chas. F. & Co., 282 N Ashland av
Louden, Eugene, 4714 State
Lyons, Jas. J., 138 Wash'n
Petersen, Geo. L., 273 N Sagamon
Rees, Geo. H., 91 Dearborn
Sherman & Flavin, 2513 State
Thomson Mosaic Co., Fisher bldg
Weary & Beck (Floor Tiling only), Marquette bldg
Wells, I. H., 470 W Lake
West Side Mantel Co., 398 W Chicago
DECATUR—Barnett, C. M. Hardware Co.
Morehouse & Wells Co.
ELGIN—Haeger, D. H. (Est. of)
GALESBURG—Babcock Hardware Co.
Murphy Bros. & Anderson
LINCOLN—Bouillon, W. E.
OTTAWA—McInhill, Edward
PEORIA—Johnson, Chas. Hardware Co.
Meyer, F. & Bro. Co.
Peoria Stone & Marble Works, 1800 N Adams
Sandmeyer, H. & Co., 25 S Adams
QUINCY—Heitland Grate & Mantel Co., 815 Main
ROCK ISLAND—Don, David
Noftsker, Jno. T., 1811 2d av
Stewart, J. W.
S. EVANSTON—Conner, J. C. Co.
SPRINGFIELD—McGrue & Powell
Power, Chas. A.
Vredenburgh, Peter Lumber Co.
URBANA—Hubbard & Sons

INDIANA.

ANDERSON—Jones, A. J.
Nichol, Makepeace & Co.
CARLISLE—Risinger & Ellis
COLUMBUS—Schwartzkopf, J. G. & Son
EVANSVILLE—Koch, H. & Sons, 221 E Penna
Lensing, H. A., 422 Sycamore
Schmitt, August & Sons, 605 Main
Scholz, F. J. & Son, 11 L 3d
Sonntag, Edward F., 512 Main
Thiele, I. A., 108 U 3d
FORT WAYNE—Carter & Son, 29 Clinton
Hattersley, A. & Sons, 48 E Main
Lund, H. M., 172 W Creighton av
FRANKFORT—Dinwiddie & Gaddes
FRANKLIN—Smith & Tilson
HARTFORD CITY—Lieber & Campbell
HUNTINGTON—Bartlett & Frazier
Peden, H. V.
INDIANAPOLIS—Balke & Krauss Co., c Market & Missouri
Builders' Supply Co., 342 E Wash
Hopkins, Linn B., 1337 Olive
Huey, M. S. & Co., 1137 Mass. av
Lion Mantel & Grate House, 214 N Del.
Pursell, P. M. Mfg. Co., 231 Mass. av
KOKOMO—Globe Stove & Range Co.
LAFAYETTE—Howe & Shipley
LOGANSPORT—Crawford, Isaac N.
Henderson, J. W. & Son
Rice, E. S. & Son
Ullery, S. W. & Son
MARION—Marion Hardware Co.
Swanger & McClain
Whisler Hdw. Co.
MUNCIE—Clevenger, Earle L.
Shirk, W. W.
Young & Kessler, 109 W Main
RICHMOND—Johnson, Peter
Wagner, William & Son
SULLIVAN—Long, Warren & Co.
TERRE HAUTE—Austin, A. G. & Co., 608 Wabash av
Duenwig Hdw. Co., 657 Wabash av
Manion, John, 905 Wabash av
Smith, C. C. Sons Co., 303 Wabash av
Terre Haute Stove & Furnace Co., 658 Wabash av
Townley Stove Co., 609 Wabash av
Watson's, D. W. Sons Co., 634 Wabash av
WABASH—Prince, Jas. W.

IOWA.

BURLINGTON—Bernard Bros. & Mercer, Market, c 4th
Drake Hardware Co.
Schmidt, Chas F. Hardware Co.
Wyman & Rand
CEDAR RAPIDS—Kubias & Martenek, 206 S 1st
Norris & Loring Hdw. Co.
COUNCIL BLUFFS—De Vol, P. C. & Son
Peterson & Schoening
Stephen Bros.
DAVENPORT—Fedderson, Peter & Co.
Hannsen's, Louis Sons
Petersen, Adolph W.
Rascher, Schricker & Rascher Hdw. Co.
Schricker & Rodler, 320 W 3d
DES MOINES—Des Moines Marble & Mantel Co.
Harbach, Louis, 412 Walnut
Holbrook Mantel & Tile Co.
DUBUQUE—Cleaver & McCarten, Lincoln bldg
Gill, W. V., 501 Locust
KEOKUK—Weber, A. & Co.
Wyman-Rand Carpet Co.
OTTUMWA—Cooper, W. H. & Son
Fry, Jos.
McCarroll, Chas. T.
Wyand, Rand Co.
SIOUX CITY—Corn Palace Co., 510 Water
Faeth, Chas. E. Co.

KANSAS.

ATCHISON—Ulrich, O. W.
EMPORIA—Haynes Bros.
Peters Hardware Co.
IOLA—Shannon, T. B.
NEODESHA—Ditto & Kimball
TOPEKA—Culver & Bailey
Forbes, D. H.
Fernald, Martin & Co., 625 Kansas av
WICHITA—Stocker, O. B.

KENTUCKY.

ASHLAND—Henderson, Thos. & Son
COVINGTON—Cambridge Tile Mfg. Co.
Faulwetter, Fred, 13 Pike
Snyder, W. G. Co., 11 Pike
DANVILLE—Danville Planing Mill Co.
HENDERSON—Blackwell, P. A. & Co.
LANCASTER—Haselden, J. R.
LEXINGTON—Drake, E. B.
Houlihan, W. J. & Bro.
Smith, Watkins & Co.
Thompson, M. G.
Van Deren Hdw. Co.
LOUISVILLE—Fischer-Leaf Co., 1438 High
Hegan Mfg. Co., 631 4th
Hughes, W. J. & Sons Co., 14th c Maple
Kentucky Stove Co., 1401 Delaware
Voss, A. F. Mantel Co., 16th, c Arbegust
MAYFIELD—Gardner, Green & Co.
Lockridge & Ridgway
OWENSBORO—Frederick, John C.
Guenther, W. A. & Sons
PADUCAH—Hart, Geo. O. & Son Hardware & Stove Co.
Scott Hardware Co.
Weil, Jacob

LOUISIANA.

BATON ROUGE—Becker Furniture Co.
Doherty Hardware Co.
Garig Hardware Co.
MONROE—Monroe Hardware Co.
Monroe Paint & Wall Paper Co.
NEW ORLEANS—Buhler, E. F. & Co., 1607 Dryades
Leahy, Geo. M., 512 Camp
SHREVEPORT—Hardman, C. C. & Co.
Pleasant, W. A. Hardware Co.

MAINE.

AUGUSTA—Cogan, J. H. & Co., 187 Water
Ward, A. D.
BANGOR—Dickey, W. P. & Co.
Haynes & Chamlers Co.
Morse & Co., Valley av
BRUNSWICK—Rice & Miller
Ridley & Eaton
LEWISTON—Hall & Knight Hdw. Co., 53 Lisbon
PORTLAND—Allen, W. A., 125 Somerset
Edwards & Walker Co.
Emery, Waterhouse Co.
King & Dexter Co.

MARYLAND.

BALTIMORE—Broadbent-Davis Mantel Co. (Mfrs.), c Canton av & President
Davidson, F. H. & Co., 509 W Franklin
Dunn, Jos. B., 853 N Howard
Fishach, David, 701 Penna. av
Gault, Wm. A. & Son, 8 E Lex
Gore, M. F., Law bldg
Harker Mantel & Tile Co., 400 W Franklin
National Building Supply Co., North & Lexington
Scherer, W. C., 808 W Balto
Sisson, Hugh & Sons, 210 E Balto.
Walsh, Thos. J., 420 N Howard
CUMBERLAND—Cumberland Sash & Door Co.
Habig & Stegmaier
OAKLAND—Davis, J. M. & Son
SALISBURY—Dorman & Smyth Hardware Co.
Gunby, L. W.

MASSACHUSETTS.

BOSTON—Butler, P. H. & Co., 25 Haverhill
Carter, Geo. H., 76 Beverly
Crawley, Geo. E. & Son, 1 Somerset
Curry, P. W., 90 Canal
Franz, Jno (estate), 460 Harrison av
Furley, A. H., 4 Decatur, E. B.
Hill, J. J. & Co., 30 Thayer
Irving & Casson, 150 Boylston
Jackson, Jas., 137 Border, E. B.
Johnson, Albert & Co., 131 Border
Kelley, L. J., 1490 Tremont
Murdock Parlor Grate Co., 156 Boylston
O'Connor, T. W., 125 Haverhill
Paige, D. F. & Co., 47 Wareham
Robin & Robin, 172 Eliot
Smith, E. C., 41 Beverly
Stearns & Waterman, 90 Canal
Whitney, Edgar H., 35 Arch
HOLYOKE—Oakes, Roland T. Co., 366 High
Tilley, John & Co., 273 High
LOWELL—Thompson Hdw. Co., 254 Merrimack
LYNN—Brockway Smith Corp.
NEW BEDFORD—Hillman, Washburn & Co., 144 Union
PITTSFIELD—Dodge & Devanny
SPRINGFIELD—Hall, Chas., 395 Main
McGregory & Casman
Old Corner Decorating Co., 64 W Bridge
TAUNTON—Pierce Hardware Co.
Sanders, C. V. & Co.
Washburn, Frank R.
WORCESTER—Kendall, O. S. & Son, 564 Main

MICHIGAN.

ADRIAN—Thieme, Ferdinand
Wilcox Hdw. Co.
ANN ARBOR—Hutzel & Co.
Muehlig & Schmid
Schuh, Jacob F.
BATTLE CREEK—Bock, Chas. A. & Son
Moblo, Lafayette
BAY CITY—Burbridge, Benj., 506 Washington av
COLDWATER—Chandler Hdw. Co.
DETROIT—Barton, F. G. & Co., 244 Woodward av
Detroit Mantel & Tile Co., 30 Gratiot av
Fox Bros. & Co., 1450 Hastings
McDonald, J. C. & Son, Hammond bldg
McSweeney, E. J. & Co., 234 Griswold
Mehling, Geo. R., 106 Henry
Paschke, Chas., 140 Grand River av
Venetian Marble Mosaic Co., 98 Brush
FLINT—Algoe & Miller
Hubbard, Geo. W.
Sterner & Holmes
GRAND RAPIDS—Aldine Grate & Mantel Co., Court c Shawmut av
Fuller & Rice Lbr. & Mfg. Co., D. & M. Junction
Grand Rapids Clock & Mantel Co.
Sproul & McGurrin, 39 S Division
Weatherly & Pulte, 97 Pearl
JACKSON—Doig, Dan'l J.
Smith & Winchester Hardware Co.
Warner Hdw. Co.
KALAMAZOO—Curtiss, A. Judson
Edwards & Chamberlin Hdw. Co.
LANSING—Larned, H. H.
MARSHALL—Marshall Furnace Co.
MUSKEGON—Ranf & Mason
PETOSKY—Reynolds & Bain
PORT HURON—Truesdell Marble & Granite Co.
SAGINAW—Eureka Heating & Ventilating Co., 110 Genesee av, E. E.
Morley Bros., 129 N Washington av
Saginaw Hardware Co., 204 S Hamilton

MINNESOTA.

DULUTH—Dixon & Lowry, 327 W Michigan
Thompson & Dunlop, 31 W Michigan
MINNEAPOLIS—Crown Iron Wks. Co., 115 2d av, S. E.
Drake Mantel & Tile Co., 510 2d av, S.
Hawkins, J. S., Power bldg
Holm, P. Mfg. Co., 1310 Wash'n av, S.
Northwestern Mantel Co., 419 S 6th
Rheberg Mantel Co., 509 S 4th
Superior Mantel Co., 307 S 6th
ST. PAUL—Drake Mantel & Tile Co., 66 E 3d
St. Paul Tile & Mantel Co., 58 E 3rd
Tostevin, J. F. & Son, 452 Robert
Youngbeaur, Wm., 181 W 4th
WINONA—Cone, R. D. & Co.
Lehrbach & Nally

MISSISSIPPI.

ABERDEEN—Henderson Hdw. Co.
AMORY—Amory Hdw. Co.
COLUMBUS—Banks Hdw. Co.
Newby Bros.
DURANT—Durant Commercial Co.
GREENVILLE—Greenville Hardware Co.
Wetherbee Hardware Co.
GREENWOOD—Henderson & Baird
Mann Hardware Co.
JACKSON—Jackson Hardware Co.
Watkins, Edw.
LAUREL—Gardner, Frank Hdw. & Supply Co.
Laurel Hardware Co.
MERIDIAN—Casteel, W. G.
Meyer-Neville Hardware Co.
NATCHEZ—Baker & McDowell Hdw. Co.
Fetus Bros.
Geisenberger & Baker
Schwartz & Stewart
VICKSBURG—Wright Bros.
YAZOO CITY—Crane-Hinman Hdw. Co.

MISSOURI.

CARTHAGE—Brinkley, W. W. & Son
Drake, A. M. & Son
CHILLICOTHE—Minteer, J. C.
CLINTON—Blakemore, G. H. & Son
Sherpy & Stone
COLUMBIA—Miller, F. P.
Newman, C. C. & Co.
DEXTER—Miller, Ulen & Carter
Weber Hardware Co.
FAYETTE—Bell Bros.
KANSAS CITY—American Mantel & Tiling Co., 1221 Grand av
Kansas City Mantel Co., 1022 Walnut
Wakefield Mantel & Tile Co., 1014 Walnut
MARSHALL—Naylor, B. F. Hdw. & Furniture Co.
MEXICO—Ferris & Cauthorn
Potts, Jno. A.
Robertson, Geo. W.
NEVADA—Moore & Dyer
Robinson, J. B. & Son
ST. JOSEPH—Burgess-Frazer Iron & Hdw. Co.
Calhoon, J. C. Mantel & Tile Co.
Curtin & Clark Hdw. Co.
ST. LOUIS—Backus Gas Heater & Fixture So., 1011 Olive
Beattie Mfg. Co., 2206 Pine
Central Mantel Co., 919 Pine
Herr, Jno. Floor Co., 1114 Market
Hornet Mantel Co., 1904 Olive
Irwin & Lane, 1927 Wash'n
May, Wm., 2206 Pine
Mound City Mantel Co., 2224 Wash av
Murphy, Jno., 2004 Locust
Nelson, N. O. Mfg. Co., 8th & St Charles
Reader, C. H., 4467 Page boul
Seidel, Emil F., 2021 Pine
Wintrich, Jos., 1133 Ky av
SEDALIA—Ilgenfritz Hdw. Co.
Marshall-Home Hardware Co.
Sedalia Hdw. Co.
Smith, D. H. Hardware Co.
SPRINGFIELD—Fahrenhorst, F. W. G., 1529 Booneville
McGregor-Nol Hardware Co.
Weaver-Raymond Hardware Co.

MONTANA.

ANACONDA—Stagg, J. P.
BUTTE—Big Blackfoot Milling Co.
Connell, M. J. Co.
Davis-Weimscary Co.
Miller, C. L.
Montana Hardware Co.
HELENA—Hermann & Co., 201 B'way
Holter, A. M. Hardware Co.

NEBRASKA.

LINCOLN—Clyce, F. P., 324 N 28th
Lahr, Frank E.
Lincoln Hardware Co.
NEBRASKA CITY—Bischof, Wm.
Overton, E. L.
OMAHA—Cady, H. F., Lumber Co., 6th
Carson, Cleene & Son, 218 S 18th
Disbrow, M. A. & Co., 1206 Izard
Rogers, Milton & Sons, 1323 Farnam

NEW HAMPSHIRE.

BERLIN—Burbank, Edw. A.
Parent, A. E.
CONCORD—Thompson & Hogue
NASHUA—Barr Hardware Co.

NEW JERSEY.

ATLANTIC CITY—Currie Hdw. Co.
BRIDGETON—Bacon, Daniel & Son
Elmer, Jos. H.
CAMDEN—French, Sam'l H. & Co.
HACKENSACK—Dedrick, W. E.
JERSEY CITY—Dickson, J. & Bro., 148 York
Gahagan, Wm. A., 602 Ocean av
Ringle, Jacob & Sons
Whitehead & Bro.
Wood & Menagh
LONG BRANCH—Long Branch Tile & Fender Works
NEWARK—Harrison, E. H. & Bro., 268 Market
Hedden, V. J. & Sons, 431 Ogden
Hunt Bros., 48 Orange
Kenngott, Louis, 478 S Orange av
Newark Mantel & Furniture Co., 59 Poinier
Passmore, Meeker & Co., 192 Market
Russell, W. P., 240 Market
Standard Mantel Co., 221 Sussex av
Trivett & Walters Co., 13 Bond
Wallace & Co., 465 Central av
PASSAIC—Abbott's, A. Sons
Doremus, Jno. H.
PATERSON—Crane, A. B., 295 Main
Mills, H. W. & Co.
Myers, Geo. A. & Co.
Shafer, Abram D., 384 Main
Van Winkle, J. A. & Co.
PERTH AMBOY—Perth Amboy Gas Light Co.
PLAINFIELD—Holstein, Chas. L.
RED BANK—Allen, J. Trafford
SCOTCH PLAINS—Johnson, Wm. D.
TOWN OF UNION—(See Weehawken)
TRENTON—Dye, Jos. C., 17 Commerce
Katzenbach, T. H. Co., 36 E State
McDonald, A. Co., 862 Centre
WEEHAWKEN—Empire Mantel Co., B'way c 4th
Structural Supply Co.

NEW YORK.

ALBANY—Albany Mantel & Tile Co., 354 State
Helmes Bros., 5 Central av
Jones, Edw. Co., 564 B'way
Kieley & Stahl, 10 Green
Schilling Co., 43 Eagle
Weller, A., 566 B'way
AMSTERDAM—Hennessy, W. E., 15 Railroad
BINGHAMTON—Babcock, Hinds & Underwood, 174 Wash'n & 123 State
Bartlett & Co., 37 Collier
Lynch, John R., 86 State
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Buffalo Mantel Mfg. Co., 284 Mills
Crawford, John & Son, 1420 Delaware av
Cutting, Henry, 223 Mortimer
Day, Alvin W., 559 Main
Elsesser, John, 1183 Niagara
Lautz Co., 861 Main
Mosaic Marble & Enamel Co., ft Hudson
Riehmann-Robson Co., West av & Tonawanda
Steul & Thuman, 276 Johnson
Stuhlmiller Mantel Works, 413 E Delavan av
Walbridge & Co., 392 Main
Watts, R. J., Bldrs.' Exchange
Wolsley, John A., 895 Main
DUNKIRK—Bloss, Clark
ELMIRA—Barker, Rose & Clinton Co.
Booth, Irving D.
Hurth, Armand
GENEVA—Dorchester & Rose
GLENS FALLS—Delong & Sons
Whipple & Robinson
GOUVERNEUR—Bowne, C. H. & Co.
Cutting & Perrin
ITHACA—Rumsey, C. J. & Co.
Treman, King & Co.
JAMESTOWN—Clark Hardware Co.
Munson & Waite
Novelty Heating Co., 120 W 3d
Sprague, W. H.
Swanson Mantel Mfg. Co.
LITTLE FALLS—Shepherd, Skinner & Co.
LOCKPORT—Lockport Marble Co.
KINGSTON—Luther, Fred. P.
Stock & Cordts
MIDDLETOWN—Brink & Clark
Galloway, Ayres & Galloway
NEWBURGH—Lawson Hardware Co.
Shannon & Co., 107 Liberty
Van Cleft, Jos. & Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Burns Mantel & Tile Co., 1636 B'way
Dayton & Montgomery, 1 Lafayette av
Graves, John, 1036 5th av
Mellor, J. H. & Co., 302 Fulton
Miles, Henry & Sons, East N. Y. & Hopkins av
New York Tiling Co., 70 Willoughby
So. Brooklyn Mantel Co., 960 5th av

Boroughs of Manhattan & Bronx

NEW YORK CITY—Boote, Alfred Co., 124 W 33d
Currier, Bradley & Co., 119 W 23d
Davis, Frank L. (Also Encaustic Tiling for Walls & Floors), Fuller bldg
Davis, Reid & Alexander, 127 E 23d
Emerick, F. A., 40 Mhtn

Graf, Frank H., 322-324 7th av
Grant, Adolph & Co., 5 E 42d
Grant,. Wm. D., 206 E 42d
Hayden Co., 520 5th av
Howden Tile Co., 53 W 24th
Hyde, F. A. Tiling Co., 113 E 27th
Jackson, Edwin A. & Bro., 50 Beekman
JACKSON, WM. H. CO., 29 E 17th (Union Square). (See adv. index, end of book)
Jackson's Mantel Grate Works, 246 Front
Jamestown Mantel Co., 449 W 125th
Lage, Bernhard H., 491 G'wich
Naething-Leslie Tiling Co., 1123 B'way
Nichols, A. S., 1901 Park av
Penrhyn Slate Co., 493 E 138th
Rossman, Robert, 9 University pl
Traitel Bro. & Co., 133 W 42d
Walsh, John, 387 3d av
White, Potter & Paige Mfg. Co., 26 W 24th

(END OF NEW YORK CITY.)

NIAGARA FALLS—Elderfield-Hartshorn Hdw. Co.
Watson, James & Son
OSWEGO—Oswego Hardware Co.
PORT JERVIS—Bennett, John E.
Gordon & Malven Co.
Wood, L.
POUGHKEEPSIE—Grobe, F. H. & Son, 186 Main
Van Wyck & Collins
ROCHESTER—Barry, James C. (estate), 83 North
Nell Bros. & Kern, 238 State
Noeth, Geo. E. & Co., 46 Clinton av
Weston, John P., 44 Clinton av
ROME—Wardwell Hardware Co.
SCHENECTADY—Burtis, A. R. & Son
Witbeck, Clark
SYRACUSE—Syracuse Mantel, Tile & Marble Co., 333 E Genesee
Stearns & Son, 351 S Warren
TROY—Billings Mantel & Tile Works, 6th av c Hutton
Grant, Chas. M., Cemetery & 7th avs
Kennedy, John H., 55 Congress
Troy Mantel & Grate Co., 13 3d
UTICA—Griffiths & Pierce, 72 Charlotte
Hughes, John F., 33 Charlotte
Wickes, Hughes & Co., 224 Genesee
WATERTOWN—Mowe, Geo. H., 38 Arsenal
YONKERS—Mapes, E. C., 20 Getty sq
Wiggins, L. H.

NORTH CAROLINA.

ASHEVILLE—Scott, George F. & Co.
GREENSBORO—McClamrock Mantel Co.
Odell Hardware Co.
RALEIGH—Briggs, Thomas H. & Son
Zachary Mantel Co.

OHIO.

AKRON—Crumrine, M. H., 112 N High
Ewing, L. D., 119 Kirkwood
Flower, J. T., 118 S High
ALLIANCE—Allott & Kryder
Kay, Charles Y.
CADIZ—Long, E. M. & Sons
CANTON—Biechele, E. A., 206 E 5th
Fife Bros. Co., 212 E 8th
Lang, E. D.
Miller Co., 220 E Tuscarawas
Yost, L. P. D., 201 S Cleveland av
CHILLICOTHE—McNeills, Wm. A.
CINCINNATI—Mitchell, Robert Furniture Co., 624 Race
Moormann & Otten, 611 Main
Schroeder, Martin, 317 E 5th
Thauwald, C. F. & Co., 1222 Harrison av
Wiggers, H. H. & Sons Furniture Co., 1419 Plum
Winston, T. H., Perin bldg
CLEVELAND—Auld & Conger, 262 Prospect
Cleveland Mantel & Tile Co., 100 Sterling av
Collings, Clarence H., 401 Prospect
Fawcett, L. W., 1522 Cedar av
Miller Grate Co., 262 Prospect
Teachout, A. & Co., 46 Michigan
Vincent-Barstow Co., 159 Euclid av
Wadsworth, Chester J., 1304 Euclid av
Watson & Guest, 954 Willson av
COLUMBUS—Capital City Mantel Co., 70 E Town
I. X. L. Mantel Co., 510 Franklin av
Lewis, J. R., 954 W Broad
Ohio Furniture Co., 139 S High
Taylor, Wm. M. Mantel & Grate Co., 26 S 3d
DAYTON—Davis Mantel & Grate Co., 208 N Main
King Bros. & Co., c 2d & Main
E. LIVERPOOL—Milligan Hdw. & Supply Co.
Watson, A. A.
FINDLAY—Gassman Bros.
Phillips, Bigelow & Thomas
Smith, A. M.
FREMONT—Reynolds, A. A.
Swint & Reineck
HAMILTON—Holbrock Hardware Co.
Spoerl, John
HILLSBORO—Enterprise Planing Mill Co.
LANCASTER—Martens Hardware Co.
LIMA—Harman, Frank E.
Penny & Penny
LORAIN—Fey, F. J.
Wickens & Ransom
MANSFIELD—Bare Bros.
Preston, Burton
MARIETTA—Wagner & Minch
NEWARK—Jones, J. C., 12 S 2d
Jones, Daniel L. & Co.
Stare, L. A.
SANDUSKY—Arend Bros., 641 Water
Donahue Hdw. Co., 739 Water
SPRINGFIELD—Diehl, W. W., 42 W Main
Elder & Tuttle, 69 E Main
Leon Hardware Co., 80 E Main
STEUBENVILLE—Anderson, R. C.
Sharp, W. L. & Son
TOLEDO—Lindow & Schumacher, 235 Superior
WARREN—Warren Hardware Co.
WASHINGTON C. H.—Ford Hardware Co.
WELLSVILLE—Wellsville Hardware Co.
XENIA—Babb, C. L.
Conwell, J. C.
Spahr & Long
YOUNGSTOWN—Morris Hardware Co., 112 Market
Stambaugh-Thompson Co.
ZANESVILLE—Clossman Hardware Co.
Perry & Drake Hardware Co.
Shaw, G. W. Mantel & Tile Co., 65 Main
Zanesville Hardware Co.

OREGON.

ASTORIA—Eclipse Hdw. Co.
PORTLAND—Avery & Co., 83 2nd
Barrett, John Co., 91 1st
Coleman Hardware Co., 111 3rd
Dekum, Adolph A., 131 1st
Krochman & Hartman, 183 1st

PENNSYLVANIA.

ALLEGHENY—Beggs, A. & Son Co., 309 Anderson
Duquesne Marble Co.
North Side Mantel & Tile Co., 506 Allegheny av
ALLENTOWN—Bowman & Hersh
Ebbecke, M. C. Hardware Co.
Hersh, F. & Sons
North Side Mantel & Tile Co., 125 McClune av
Ochs, M. T. J., 227 N 5th
Weil, F. W. & Co., 1031 Linden
Young, M. S. & Co.
BEAVER FALLS—Knott, Harker & Co., 10th av & 8th
BETHLEHEM—Krause, J. S.
Lehigh Valley Cornice Works
BRADFORD—Fox, James B.
Haggerty, M. A.
BUTLER—Campbell, J. G. & W.
Cochran, W. E.
O'Brien, W. H. & Son
Rockenstein, M. C.
CHAMBERSBURG—Eyster, W. H.
CONNELLSVILLE—Frisbee Hardware Co.
Munson Bros.
Turner Hardware & Supply Co.
CORRY—Barlow Hardware Co.
EASTON—Garnier, A. B.
Miller, S. K. & Son
Miller, T. T. Hardware Co.
Osterstock, John S. & Co.
EMLENTON—Sloan Bros.
ERIE—Constable Bros. Co.
Griffin Mfg. Co.
Hirt, F. W., 6 N Park
Metric Metal Co., 10th & Payne
HARRISBURG—Hoopes, Harry A., 502 Market
Strayer, Oliver F.
JOHNSTOWN—Bantley, Gotlieb
Swank Hardware Co.
LANCASTER—Arnold, John L., 141 N Queen
Flinn & Breneman, 152 N Queen
Herr & Snavely
Steinman Hardware Co.
M'KEESPORT—Beane, R. B., 520 Locust
Hartman Hardware Co.
MEADVILLE—Roueche, Frank
NEW CASTLE—Dufford, W. F. & Co.
Frew Furniture Co.
Smith, Hutton & Kirk
Welsh & Horton Co.
NORRISTOWN—Boyer, J. Frank
OIL CITY—Chambers Hdw. Co.
PHILADELPHIA—Alcott, Ross Co., 2917 N Broad
Cooke Mercantile Trust, 15 N 13th
Cotter, Michael F., 1316 Ridge av
Davis Marble Co. (Also Encaustic Tiling for Walls & Floors), 214 S 24th
FRENCH, S. H. & CO., 4th & Callowhill. (See adv. index, end of book)
Grant, Adolph & Co., 210 Chestnut
Hall-Kline Co., 1927 Market
Haney, White & Co., 2730 N Broad
Harrison, Chas. H., Jr., 26 S 17th
Italian Marble Mosaic Co., 431 Spruce
Miller, Jos. S., 1208 Ridge av
Peacock, Geo. R., 212 N 13th
Sharpless & Watts, 1522 Chestnut
Vulcanite Tile & Mosaic Co., 54 N 6th
PITTSBURG—Aiken & Co., 501 Liberty av
Detrick, E. J. Co., 345 4th av
East End Mantel & Tile Co., 5914 Baum
Graff & Co., 917 Liberty av
Logan & Co., 5908 Baum
Mirick, F. B., 430 Penn av
Pittsburg Slate Mantel Co., 202 Lehigh av
Waddle, Newton A., 764 W Carson
West End Tile & Mantel Co., 704 W Carson
Williams, Jno., 1005 Carson
Wilson & Logan, 5929 Baum
POTTSTOWN—Bailey, M. W.
Fegeley, J. & Son
POTTSVILLE—Bright & Co.
Esterly, D. L. Sons
READING—Bard Hdw. Co.
Bright & Co.
Hoff & Bro.
Obold, Jno. H. & Co.
SCRANTON—Barriscale, Wm. J., 328 N Wash'n av
Connell Hdw. Co.
Cowles, W. C.
Foote & Shear Co.
Hunt, Alex. E.
Leonard, Thos. F.
McClave, Brooks & Co., 301 N 7th
Owens Bros.
SHARON—Wallis & Carley
WAYNESBURG—Funk, Levi
WILKESBARRE—Carpenter, B. G. & Co., 51 W Market
Liem, J. W. & Co.
Morgan's, Chas. Sons
Phelps, Straw & Co.
White Hardware Co.
Williams Hardware Co., 167 S Market
WILKINSBURG—Morris, Graff & Co.
WILLIAMSPORT—Kline & Co., 19 Market sq
Williamsport Hdw. & Stove Co.
YORK—Kraber, E. I. & Son, 214 W Market
Smith, H. E., 203 W Market
Stokeley & McNellis
Thomas, Jno. F. & Son

RHODE ISLAND.

NEWPORT—Graham, Joseph, 138 Spring
Horton, J. W. & Co., 42 Church
Swinburne, Peckham & Co.
PROVIDENCE—Crooker Mantel & Tile Co., 230 Weybosset
Cull & Williams, 182 Wash'n
Flint Co.
Grimwood, H. A. & Co., 1161 Westminster
McAuliffe & Co., 123 Dorrance
Potter & Co., 40 Dorrance

SOUTH CAROLINA.

CHARLESTON—Campbell, T., 246 King
Masters, R. M., 127 King
Morris, R. J., 130 E Bay
Phoenix Furniture Co., 187 King
Riley, A. J., 143 King
Shepherd Supply Co., 32 Meeting
COLUMBIA—Stewart, W. L.
Walton, Maurice, Hardware Co.
LAURENS—Wilges, S. M. & E. H.
SPARTANBURG—Ezell, S. B.
Montgomery & Crawford
Spartan Hdw. Co.

SOUTH DAKOTA.

ABERDEEN—Aberdeen Granite Co.
Jackson Hardware Co.
Witte, Hdw. Co.
SIOUX FALLS—Hackman, E. W. Hdw. Co.
Larson Hdw. Co.
Sioux Falls Hdw. Co.
Williams Bros.

TENNESSEE.

CHATTANOOGA—Cahill Iron Works, 120 Boyce
Fritts, Tom Hdw. Co.
Green & Caldwell
Magill Hardware Co.
Snow, T. A., 710 Market
HARRIMAN—Salyers, T. D.
JACKSON—Anderson, G. C.
KNOXVILLE—Atkin, C. B. (Wholesale Mfr.)
King Mantel Co. (Wholesale Mfr.)
MEMPHIS—Lee, C. H., 112 Union
Niemeyer, A. E. Mantel Co., 257 Main
Northcross, W. J. Mantel & Grate Co., 392 Main
Ozanne, Frank, 205 Main
NASHVILLE—Allen Mfg. Co.
Edgefield & Nashville Mfg. Co., 1st c Main
Fall, J. H. & Co.
Keith, Simmons & Co.
Lipscomb, H. G. & Co.
Moore, G. & Son, 523 Spruce
Philips & Co., 213 N College
Phillips & Buttorff Mfg. Co., 219 N College
Tenison, A. M. & Son
TRENTON—Smith, C. F. Co.

TEXAS.

AUSTIN—Nalle & Co.
Simpson, J. S. Hardware Co.
Webb, John A. & Bro.
BEAUMONT—Texas Builders' Supply Co.
Wilson Hdw. Co.
BONHAM—Boswell, J. F.
Smith, Moore-Williams & Co.
Thompson & Abernathy
CLARKSVILLE—Hocker, P. & Sons
DALLAS—Fakes Furniture & Carpet Co.
Huey & Philip Hardware Co.
Kenyon Hardware Co.
Maroney Hardware Co., 303 Elm
DENISON—Hall-Leeper Hardware Co.
Lingo-Leeper Lumber Co.
EL PASO—Emerson & Berrien
Krakauer, Zork & Moye
FT. WORTH—Ellison Furniture & Carpet Co.
Lewis, H. H.
Nash Hardware Co.
GAINESVILLE—Stevens, Kennerly & Spragins
Williams, B. M.
GALVESTON—Ott, Chas. S., 2113 I st
Schadt, Wm., 2801 Mechanic
Smith, J. F. & Bro., 2315 Strand
GREENVILLE—Armstead & Ende
Collins, G. H.
Wyse, Ira O.
HONEY GROVE—Hockaday, Gray & Co.
HOUSTON—Bering-Cortes Hdw. Co.
Bering, C. L. & Theo.
Bering Mfg. Co.
Greenberg Bros., 405 Main
Waddell, H., 1102 Prairie av
JEFFERSON—Meyer, Eugene
Torrans Mfg. Co.
LAREDO—Deutz Bros.
Netzer, Jos.
M'KINNEY—Crouch, Saigling & Co.
MARSHALL—Logan & Whaley
PARIS—Betts H. S. Hardware, Co.
Holley-Brooks Hdw. Co.
SAN ANTONIO—Basse, Wm. Hdw. Co.
Dean, C. H. & Co.
Heusinger Hdw. Co.
Schultze Stove & Hardware Co.
SHERMAN—Hardwicke-Etter Hdw. Co.
Roberts, Sanford & Taylor Co.
Walsh Hardware Co.
TEMPLE—Hollingsworth, T. L.
Sims & Dold
TERRELL—Mackelroy & Dew
TYLER—Adams, J. R. Hdw. Co.
WACO—Eikel-Breustedt Co.
McLendon, Duncan & Co.
Strauss, E.
WEATHERFORD—Bell, R. E. Hdw. Co.
Lowe-Carter Hdw. Co.

UTAH.

OGDEN—Boyle Furniture Co., 2462 Wash'n av
Bucher, L. J., 2430 Grant av
SALT LAKE CITY—Cunnington Co.
Dinwoody, H. Furniture Co., 37 W 1st
Harris, Hyman
Morris, Elias & Sons Co., 21 W South Temple
Salt Lake Hardware Co.
Scott, Geo. M. Strevell Hdw. Co.
Utah Stove & Hardware Co., 34 S 1st

VERMONT.

BURLINGTON—Burlington Marble Co.
Goodell, J. W.
CASTLETON—Taylor, Wm. M. Mantle & Grate Co.
FAIR HAVEN—Fair Haven Marble & Marbleized Slate Co.
MONTPELIER—Peck Bros.
RUTLAND—Landon, W. C. & Co.
Rutland Marble Mfg. Co.

VIRGINIA.

DANVILLE—Hodnett-Vass-Watson Co.
HAMPTON—Booker, H. R. & Co.
LYNCHBURG—Adams, Monroe Mfg. Co.
Doherty & Casey
NEWPORT NEWS—Rosenbaum Hdw. Co.
NORFOLK—Addenbrook's, J. U. Sons
Barnard, W. H. & Co.
Clark, Frank T. Co.
Nash, C. A. & Son
Thomason, W. S.
White Hdw. Co.
Winborne, Wallace H.
PETERSBURG—Leonard, Chas.
Plummer, Jno. R. Co.
Stratton & Bragg
PORTSMOUTH—Hawks-Maupin Co.
RICHMOND—Baldwin & Brown, 1557 E Main
Bernard, Herman F. & Bro., 111 E Main
McGraw, Jas., 1440 E Main
Mahoney, W. F. & Co.
Mills, Morgan R. & Co.
Richmond Hardware Co., 1316 E Main
Richmond Plumbing & Mantel Co.
Virginia-Carolina Hardware Co., 1322 E Main
ROANOKE—Fairfax & Bell
Marsteller, J. H.
Nelson & Myers
SUFFOLK—Folk, E. L. & Co.

WASHINGTON.

SEATTLE—Collins, H. J., New York blk
Miles, Z. C. & Piper Co., 1st av c Springs
Schwabacher Hardware Co.
Speyers Brick Mantel Co., Globe bldg
Washington Fixture & Mantel Co., 716 3rd av
SPOKANE—Holley, Mason, Marks & Co.
Jensen-King-Byrd Co.
TACOMA—Bowie & Love, 105 S 10th
Hicks, F. W Mantel, Grate & Tile Co., 732 Pacific av
Hunt & Mottet Co.
Washington Mfg. Co., 720 Pacific av
WHATCOM—Northwest Hdw. Co.

WEST VIRGINIA.

CLARKSBURG—Williams & Davisson Co.
FAIRMOUNT—West Virginia Builders' Supply Co.
HUNTINGTON—Emmons-Hawkins Hdw. Co.
PARKERSBURG—Chancellor Hdw. Co.
Smith, W. H. Hardware Co.
Stout, J. L. & Co.
WHEELING—Burley, J. F. & Co., 1606 Market
Caldwell, B. F. & Co., 1508 Market
Chapman, W. H. & Sons, 1218 Market
Ott, Heiskel
Wilson, W. A. & Son, 1215 Market

WISCONSIN.

APPLETON—Galpin's, Alfred Sons
Schlafer Hardware Co.
Tesch, Wm.
LA CROSSE—Dittman, Fredk.
Kroner, Adam
Kroner, Fredk. Hardware Co.
MADISON—Summer & Morris
MILWAUKEE—Durner, U. F., 28 Juneau av
Iverson, J. C. Co., 425 E Water
McCusker, J. D. & Co., 612 Grand av
Neidner, H. & Co., 49 Oneida
Ormsby Mantel & Grate Co., 455 Milwaukee
Wisconsin Mantel & Tile Co., St. Paul av ft 20th
Wollaeger Mfg. Co., 636 N Water
RACINE—Hoernel Hardware Co.
Murphy & Kersten
Racine Hardware Co.
SUPERIOR—Dixon & Lowry, 1516 Tower av

Mantels (Brick)

BOSTON FIRE BRICK CO. (Geo. M. Fiske, Mgr.), 161 Devonshire, Boston, Mass. (See adv. index, end of book)
Fallston Fire Clay Co., Fallston, Pa.
Harris Brick Co., 27 Great Jones, New York, & Zanesville, O.
Ohio Mining & Mfg. Co., Shawnee, O., & 96 Wall, New York
Phila. & Boston Face Brick Co., 165 Milk, Boston, Mass.
Washington Brick & Lime Mfg. Co., Spokane, Wash.

Mantels (Faience)

Grueby Faience Co., E 1st & K, Boston, Mass.
Hartford Faience Co., Hartford, Conn.

Mantels (Iron, Electro Bronze Plated)

HECLA IRON WORKS, 118 N 11th, Brooklyn, N. Y. (See adv. index, end of book)

Mantels (Marble)

(See Marble Interior Work.)

Mantels (Marbleized Iron)

Bridgeford & Co., 501 W. Main, Louisville, Ky.
Fischer-Leaf Co., 1438 High, Louisville, Ky.
Kentucky Stove Co., 1401 Delaware, Louisville, Ky.

Mantels (Marbleized Slate)

Allen's, S. Sons, Fair Haven, Vt.
Bangor Crescent Slate Co., Bangor, Pa.
Cotter, Michael F. (Marbleized Fire Boards, etc.), 1316 Ridge av, Phila., Pa.
Coulman & Westcott, Fair Haven, Vt.
Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
Fleming Slate Co., Poultney, Vt.
FRENCH, SAMUEL H. & CO., 4th & Callowhill, Philadelphia, Pa. (See adv. index, end of book)
Hydeville Marbleized Slate Mantel Co., Hydeville, Vt.
McDonough & O'Day, Hydeville, Vt.
New England Marbleized Slate Co., Fair Haven, Vt.
Penna. Structural Slate Co., Easton, Pa.
Penrhyn Slate Co., 101 E 17th, N. Y.
Taylor, Wm. M. Mantel & Grate Co., 26 S 3d, Columbus, O., & Castleton, Vt.
Union Marbleized Slate Mantel Co., Hydeville, Vt.

Mantels (Mosaic)

Hawes & Dodd, 24 Adams, Chicago, Ill.
Italian Marble Mosaic Co., 431 Spruce, Phila., Pa.
Pellarin & Co., 23 W 8th, New York
Sharpless & Watts, 1522 Chestnut, Phila., Pa.
Sherman & Flavin, 2513 State, Chicago, Ill.
Stoltzenberg Co., 51 & 53 Barclay, N. Y.
Traitel Bros. & Co., 133 W 42d, New York

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Mantels (Onyx)

BATTERSON & EISELE, 431 11th insert opp. next page)
Christa, Philip & Sons, 504 Lafayette av, Detroit, Mich.
Empire City Marble Co., 250 11th av, New York
Fisher, Robert C. & Co., E 139th & Locust av, New York
Klaber, S. & Co., 47 W 42d, New York
Lautz Co., 861 Main, Buffalo, N. Y.
McGratty & Sons, 313 Butler, Brooklyn, N. Y.
Sherman & Flavin, 2507 State, Chicago, Ill.
THEIS', PETER SONS, 636 1st av, New York. (See adv. index, end of book)

Mantels (Slate)

(See also Slate Mantel Stock; also Mantel. Grate & Tile Dealers; also Mantels, Marbleized Slate.)

Aiken & Co., 501 Liberty av, Pittsburg, Pa.
Allen's, S. Sons, Fair Haven, Vt.
American Slate Co., Bangor, Pa.
Bangor Crescent Slate Co., Bangor, Pa.
Buess, Wm. E., 316 E 95th, New York
Chicago Slate & Mantel Co., 232 S Clinton, Chicago, Ill.
Columbia Bangor Slate Co., Bangor, Pa.
Dickson, J. & Bro., 148 York, Jersey City, N. J.
Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
FRENCH, SAM'L H. & CO., 4th & Callowhill, Philadelphia, Pa. (See adv. index, end of book)
Hahn, Granville, Walnutport, Pa.
Hall-Kline Co., 1927 Market, Phila., Pa.
JACKSON, WM. H. CO., 29 E 17th (Union Square), N. Y. (See adv. index, end of book)
Mack, Jno., Middle Granville, N. Y.
Monson Maine Slate Co., 113 Devonshire, Boston, Mass.
North Bangor Slate Co., Bangor, Pa.
Penna. Structural Slate Co., Easton, Pa.
Penrhyn Slate Co., 193 E 138th, New York
Schilling Co., 43 Eagle, Albany, N. Y.
Sun Slate Co., Slatedale, Slatington, Pa.
Taylor, Wm. M., Mantel & Grate Co., Columbus, Ohio
Williams & Schmidt, Granville, N. Y.
Williams, Jno. W., Fair Haven, Vt.

Mantels (Terra Cotta)

(See Terra Cotta, Architectural.)

Mantels (Wood)

(See also Mantels, Grates & Tiles.)

Adams & Kelly Co., Omaha, Neb.
Alcott-Ross Co., 2917 N Broad, Phila., Pa.
Aldine Mfg. Co., Court c Shawmut av, Grand Rapids, Mich.
Alexander, Geo., 322 VanBuren, Brooklyn, N. Y.
Allen, W. A., 125 Somerset, Portland, Me.
Allen & Curry (Wholesale Mfrs.), Shreveport, La.
Art Furniture & Grille Co., Seattle, Wash.
Batavia & New York Woodworking Co., Batavia, N. Y., & 102 W 81st, New York
Beattie Mfg. Co., 2202 Pine, St. Louis, Mo.
Bennett & Schutte, 184 Valencia, San Francisco, Cal.
Bering Mfg. Co. (Wholesale Mfrs.), Houston, Tex.
Bloom, Alfred Co., 1502 California, Omaha, Neb.
Bossert, Louis & Son, Grand st & Newton Creek, Brooklyn, N. Y.
Bush & Mallett Co., 328 Post, San Francisco
Carolina Mfg. Co., Charlotte, N. C.
Clawson, L. E. & Co., 1340 Market, San Francisco, Cal.
Conway Veneered Door & Mantel Co., 20th & St. Paul av, Milwaukee, Wis.
Cook, T. W. & Co., 1623 Tremont, Denver, Colo.
Currier, Bradley & Co., 119 W 23d, New York
Curtis Bros. & Co. (Wholesale Mfrs.), Clinton, Ia., & Sioux City, Ia.
Curtis & Bartlett Co. (Wholesale Mfrs.), Lincoln, Neb.
Curtis & Yale Co. (Wholesale Mfrs.), Wausau, Wis.; Milwaukee, Wis., & Minneapolis, Minn.
Curtiss, A. Judson, 109 W Ex pl, Kalamazoo, Mich.
Cypress Tank & Mfg. Co. (Wholesale Mfrs.), Patterson, La.
Davis, E. J. Mfg. Co., 251 W 21st, Chicago, Ill.
Delano Planing Mill Co., Portland, Me.
Disbrow, M. A. & Co. (Wholesale Mfrs.), Lyons, Ia.
Doten, S. H. & A. R., Portland, Me.
Drake Mantel & Tile Co., 66 E 3d, St. Paul, Minn., & 510 S 2d, Minneapolis, Minn.
East Rockford Mantel Co., Rockford, Ill.
Ehman, C. & Co., Decatur, Ill.
Emanuel, L. & E., Inc., 432 4th, San Francisco, Cal.
Enterprise Planing Mill Co., Hillsboro, O.
Fischer Leaf Co., 1438 High av, Louisville, Ky.
Foster-Munger Co. (Wholesale Mfrs.), W 20th & S Sagamon, Chicago, Ill.
FRENCH, SAMUEL H. & CO., York av, 4th & Callowhill, Phila., Pa. (See adv. index, end of book)
Gauger, Jno A. & Co. (Wholesale Mfrs.), W 22d & Laflin, Chicago, Ill.
Gernert Bros. Lbr. Co., 6th Hill & A, Louisville, Ky.
Gould Mfg. Co. (Wholesale Mfrs.), Oshkosh, Wis.
Grand Rapids Clock & Mantel Co., Grand Rapids, Mich.
Hale & Kilburn Mfg. Co., 48 N 6th, Phila., Pa.
Hegan Mantel Co., 631 4th, Louisville, Ky.
Herter Bros., 369 5th av, N. Y.
Hill, Jos. J. & Co., 3 Thayer, Boston, Mass.
Hornet Mantel Co., 1114 Market, St. Louis, Mo.
Huey, M. S. Co., 73 Pendleton av, Indianapolis, Ind.
Hughes, W. J. & Sons Co., 14th c Maple, Louisville, Ky.
Interior Wood Working Co., 296 Wabash av, Chicago, Ill.
Ironton Wood Mantel Co., Ironton, O.
Irving & Casson, 150 Boylston, Boston, Mass.
JACKSON, WM. H. CO., 29 E 17th (Union Square), N. Y. (See adv. index, end of book)
Jamestown Mantel Co., Jamestown, N. Y., & 884 Columbus av, New York
Kertscher & Co., Elmira, N. Y., & 13 Lawrence, N. Y.
Killian Bros. & Somma, 157 W 32d, N. Y.
Kimbel, A. & Sons, 398 5th av, N. Y.
King Mantel Co., 624 Gay, Knoxville, Tenn.
Leclair Mfg. Co., Edwardsville, Ill.
Lidell & Williams, 597 Austin av, Chicago
Lorenzen, Chas. F. & Co., 278 N Ashland av, Chicago, Ill.
McClamroch Mantel Co., Greensboro, N. C.
McMillen, R. Co. (Wholesale Mfrs.), Oshkosh, Wis.
Mangrum & Otter, 581 Market, San Francisco, Cal.
Manhattan Mantel Co., 145 Av D, N. Y.
Mason & Co., Burlington, Vt., & 138 E 42d, New York
Matthews Bros. Mfg. Co., 61 4th, Milwaukee, Wis.
Mitchell, Robert Furniture Co., 624 Race, Cincinnati, O.
Moline Furniture Works, Moline, Ill.
Morgan Co. (Wholesale Mfrs.), Oshkosh, Wis., & W 22d & S Union, Chicago, Ill.
Morse & Co., Bangor, Me.
Moss Mfg. Co. (Wholesale Mfrs.), Athens, Ga.
Mt. Airy Mantel & Table Co., Mountairy, N. C.
Munson & Waite, Jamestown, N. Y.
Muscatine Sash & Door Co. (Wholsale Mfrs.), Muscatine, Ia.
Nalle & Co. (Hard & Soft Wood Wholesale Mfrs.), Austin, Tex.
Nesbit, D. M. Co., Lewisburg, Pa.
Newark Mantel & Furniture Co., 59 Poinier, Newark, N. J.
New York Dimension Supply Co., Evansville, Ind.
Northwestern Mantel Co., 419 S 6th, Minneapolis, Minn.
Ocker & Ford Mfg. Co., Grand Rapids, Mich.
Ornamental Wood Working Co., 98 Dwight, Springfield, Mass.
Ostendorf, W. H., 2417 N Broad, Phila., Pa.
Paine Furniture Co., 48 Canal, Boston.
Paine Lumber Co. (Wholesale Mfrs.), Oshkosh, Wis., & 1 Madison av, N. Y.
Palmer-Fuller & Co. (Wholesale Mfrs.), 2244 Lumber, Chicago, Ill.
Paulson, John P., 15th & Wynkoop, Denver, Colo.
Pease Co. (Wholesale Mfrs.), Cincinnati, O.
Phillips & Buttorf Mfg. Co., Nashville, Tenn.
Pierce, W. E. & Co., Milford, N. H.
Pottier & Stymus Co., 375 Lex. av, N. Y.
Quincy Show Case Works, Quincy, Ill.
Rheberg Mantel Co., 509 S 4th, Minneapolis, Minn.
Rigney, Thos. F., 134 Valencia, San Francisco, Cal.
Roach & Musser Sash & Door Co. (Wholesale Mfrs.), Muscatine, Iowa
Roberts, E. L. & Co. (Wholesale Mfrs.), W 22d & Union Chicago, Ill.
Rock Island Sash & Door Works (Wholesale Mfrs.), Rock Island, Ill.
Rode, Fred. Co., 518 5th av, New York
Ross Mantel & Mfg. Co., Buffalo, N. Y., & 884 Columbus av, N. Y.
Rummlr, H. B., 367 W 11th, N. Y.
St. Croix Lumber Co., Germania Life bldg, St. Paul, Minn.
St. Paul Furniture Co., 7 Corners, St. Paul, Minn.
Sayre-Newton Lumber Co., 22d cor Blake, Denver, Col.
Schmidt, Bernard, 524 E 134th, N. Y.
Shannon & Co., 102 Liberty, N. Y.
Smith & Rumery, 510 Fore, Portland, Me.
STEARNS, A. T. LUMBER CO., Neponset, & 166 Devonshire, Boston, Mass. (See adv. index, end of book)
Sterling Furniture Co., 1039 Market, San Francisco, Cal.
Steul & Thurman, 278 Johnson, Buffalo, N. Y.
Tell City Desk Co., Tell City, Ind.
Thauwald, C. F. & Co., 1214 Harrison av, Cincinnati, O.
Thompson, Lewis & Co., 127 Walnut, Phila., Pa.
Tionesta Mantel Mfg. Co., Tionesta, Pa.
Tostevin, J. F. & Son, 450 Robert, St. Paul, Minn.
Voss, A. F. Mantel Co. (Wholesale Mfrs.), 16th & Arbegust, Louisville, Ky.
Warren Woodworking Co., Belvidere, N. Y.
Whitcomb Cabinet Co., Wyandotte & 18th, Kansas City, Mo.
White Mantel & Tile Co., 622 Gay, Knoxville, Tenn.
White, Potter & Paige Mfg. Co., 415 Willoughby, Brooklyn, N. Y., & 26 W 24th, New York
Wicklem & Sederholm Bldg. & Mantel Co., 739 W 13th av, Denver, Col.
Willard, John S. Co., 137 W 23d, New York
Williams Mfg. Co., 191 Kennebec, Portland, Me.
Wisconsin Fireplace Co., 20th & St. Paul av
Wollaeger Mfg. Co., 636 N Water, Milwaukee, Wis.
Zanesville Mantel & Furniture Co., Zanesville, O.

Mantles (Incandescent Gas)

American Incandescent Lamp Co., 55 Park pl, N. Y.
Breig, Geo. F., Vandergrift, Pa.
Buffalo Lighting Co., 15 Niagara, Buffalo, N. Y.
Consolidated Incandescent Light Co. ("Consol," "Apollo," "Victor," "Acme," "Star," & "Ideal"), 25 W B'way, N. Y.
Cosmopolitan Light Co., 41 State, Chicago, Ill.
Cremo Incandescent Light Co. ("Vulcan"), 110 E 129th, N. Y.
De Lery Light Co., 256 W 23d, N. Y.
Deutsch, Chas. (Plain and Fancy Webbings), 538 E 87th, N. Y.
Duquesne Incandescent Light Co., 107 Wood, Pittsburg, Pa.
Erie Gas Mantle Mfg. Co., Erie, Pa.
Fawcett Incandescent Mantle Co. ("Superb," "Celloi"), 399 Prospect, Cleveland, O.
Forest City Incandescent Mantle Co. ("Paragon," "Monitor," "Ohio"), 437 Woodland av, Cleveland, O.
General Lighting Appliance Co., 1607 Olive, St. Louis, Mo.
Globe Mantle & Light Co., 508 E Washn, Indianapolis, Ind.
Herz Lighting & Mfg. Co., 29 E 7th, St. Paul, Minn.
International Light Co., 76 5th av, Chicago
Iowa Mantle Mfg. Co., Davenport, Ia.
Irby & Gilliland, Memphis, Tenn.
Liberty Mantle Mfg. Co., 108 Franklin, Chicago, Ill.
Mica Mfg. Co., 307 W B'way, N. Y.
Michigan Gas Mantle & Supply Co., 1383 Jefferson, Detroit, Mich.
Momand Light Co. ("Arrow," "Brilliant," "Lion," "Sunlight"), 90 B'way, N. Y.
National Light Supply Co., 123 Liberty, N. Y.
Newark Gas Mantle Co., 45 Mechanic, Newark, N. J.
Omaha Mantle Mfg. Co. ("Diamond"), Omaha, Neb.
Peerless Gas Light Co. ("Flexo," "20th Century"), 146 5th av, Chicago, Ill.
Raritan Mantle Co., 7 Chatham sq, N. Y.

Solar Incandescent Co., 73 W Kinzie, Chicago
Stamford Gas Stove Co., Stamford, Conn.
Steward, D. M. Mfg. Co. ("Alva"), Chattanooga, Tenn.
Superior Mantle Co., Columbus, O.
Van Houten, E. J. S., 74 Park pl, N. Y.
Welsbach Light Co. ("Majestic," "Shamrock," "Thenu," "Yusea," "Black Prince," "Metropolitan," "Clover," "Apollo," "Star," "Consul," "Aladin"), Gloucester, N. J.
West Somerville Mfg. Co., West Somerville, Mass.
Whalebone Gas Mantle Co., Sioux City, Iowa
Williamsburg Incandescent Light Co., 274 Evergreen av, Brooklyn, N. Y.

Maple Sugar & Syrup Makers' Supplies

Bell, C. S. Co., Hillsboro, O.
Champion Evaporator Co., Hudson, O.
Densmore Bros., Red Wing, Minn.
Grimm, G. H. & Co., Rutland, Vt.
Hydraulic Press Mfg. Co., Mt. Gilead, O.

Marble (Alabaster)

MANHATTAN MARBLE CO., 139th & E. R., New York. (See insert opp. next page)

Marble Altars

BATTERSON & EISELE, 431 11th av, New York. (See insert opp. this page)
Christa, Philip & Sons, 504 Lafayette av, Detroit, Mich.
Church Art Work Co., 253 4th av, New York
Empire City Marble Co., 250 11th av, New York
Fisher, Robt. C. & Co., E 139th & Locust av, New York
Great Western Marble Works Co. (Philip McDonough, Propr.), 1602 Reading road, Cincinnati, O.
Hall, Chas. E. & Co., 62 1st, E. Cambridge, Mass.
Hillgartner, L. & Sons, 714 W Baltimore, Baltimore, Md
Lautz Co., 861 Main, Buffalo, N. Y.
Ledig, Reinhold G., 821 Cherry, Phila.
Pickel Marble & Granite Co., 1901 N Broadway, St. Louis, Mo.
Schroeder, F. & H., cor Linn & Betts, Cincinnati, O.
Sherman & Flavin, 2513 State, Chicago, Ill.
Sibbel, Jos., 214 E 26th, New York
Standard Marble Works (John M. Mueller, Jr., Propr.), 706 W Front, Cincinnati, O
Stoltzenberg Co., 51 Barclay, N. Y.
THEIS', PETER SONS, 636 1st av, New York. (See adv. index, end of book)

Marble (Antique Fonce & Verdatre)

MANHATTAN MARBLE CO., 139th & E. R., New York. (See insert opp. next page)

Marble (Argos)

MANHATTAN MARBLE CO., 139th & E. R., New York. (See insert opp. next page)

Marble (Artificial)

AMERICAN ART MARBLE CO., 609 N. American, Phila., Pa. (See adv. opp. page 797)
Art Marble Co., 389 Flournoy, Chicago, Ill.
Artificial Marble Co., 413 E 91st, N. Y.
Eastman & Johnstone, 1711 S Charles, St. Louis, Mo.
Florentine-Wilhelm Co., Madisonville P. O., Cincinnati, O.
Klee, Thomson Co., 327 E 40th, New York
Henry Marble Co., 3208 Shields, Chicago, Ill.
Marbleithic Co., Dayton, O.
Martinelli & Thoma, 322 7th av, New York
Messinian Marble Co. (Decorative), 706 W Front, Cincinnati, O.
MYCENIAN MARBLE CO., 524-26 W 34th, New York. (See adv. opp. page 796)
THOMAS, E. H. (Mfrs.' Agt.), 1123 B'way, New York

Marble (Benou Jaune, Marie Blanche, Vert & Jaspe)

MANHATTAN MARBLE CO., 139th & E. R., New York. (See insert opp. next page)

Marble (Black)

American Black Marble Co., Dalton, Ga.
United States Marble Co. (Black Diamond), Spokane, Wash.

Marble (Breche Rose & Vert

MANHATTAN MARBLE CO., 139th & E. R., New York. (See insert opp. next page)

Marble (Carrara)

Church Art Work Co., 253 4th av, New York
Jackson, C. D., 105th & E. R., New York

Marble (Citron)

MANHATTAN MARBLE CO., 139th & E. R., New York. (See insert opp. next page)

Marble (Colored, Foreign)

BOCKMANN, A. E., 139th & Locust av, New York
Church Art Work Co., 253 4th av, New York
Jackson, C. D., 105th & E. R., New York
MANHATTAN MARBLE CO., 139th & E. R., New York. (See insert opp. next page)

Marble Cutters' Tools & Supplies

(See Tools, Granite & Marble Cutters, etc.)

Marble Dust Mfrs.

California Portland Cement Co., Los Angeles, Cal. Works, Colton, Cal.
FRENCH, SAMUEL H. & CO., 4th & Callowhill, Philadelphia, Pa. (See adv. index, end of book)
Higginson Mfg. Co., Newburgh, N. Y.
Illinois Marble Co., Edwardsville, Ill.
Jackson, C. D., 105th & E. R., New York
King, J. B. & Co., 1 B'way, N. Y.; Buffalo, N. Y., & New Brighton, N. Y.
McIlvaine Bros. (for Builders' Use, Soap Makers & Granulated for Filtering, etc.), 1500 Hamilton, Phila., Pa.
O'Connell & Hillery Lime & Marble Dust Co., 647 W 131st, N. Y., & Tuckahoe, N. Y.
Stearns Lime & Stone Co., 165 E Randolph, Chicago, Ill.
Williamson, Frank & Co., 2202 Chestnut, Phila., Pa., & Avondale, Pa.

Marble (Exterior Work)

Beaver Dam Marble Co., 704 Constitution, Baltimore, Md.
BRADBURY MARBLE CO., 1229 S 2d, St. Louis, Mo.
Columbian Marble Quarrying Co., Rutland, Vt.
Georgia Marble Finishing Works, Canton, Ga.
Gray, Wm. & Sons, 30th & S Walnut, Phila., Pa.
Gross, W. H., Lee, Mass.
Holbrook Mantel & Tile Co., Des Moines, Ia.
Krulish, J., 351 E 61st, N. Y.
NORCROSS BROS. CO., Worcester, Mass.; Tremont bldg, Boston, Mass.; 160 5th av, New York. & Providence, R. I.
Norcross Co., 269 W River, Cleveland, O.
Norcross-West Marble Co., 10 E Worcester, Worcester, Mass. Mills, Manchester Depot, Vt.
Rutland Marble Mfg. Co., Rutland, Vt.
Sinclair, Jas. & Co., 413 E 29th, N. Y.
Sisson, Hugh & Sons, 210 E German, Baltimore, Md.
Southern Marble Co., Marble Hill, Ga., & Worcester, Mass.
Stockbridge Marble Co., West Stockbridge, Mass.
Tuckahoe Marble Co., 413 E 29th, N. Y.
Vermont Marble Co., Proctor, Vt.
Waverly Marble Co., 1 Madison av, New York

Marble Flour

Higginson Mfg. Co., Newburgh, N. Y.
Ohio Marble Co., Piqua, O.
Whitaker, W. H., 245 Front, New York

Marble (Graf Green)

MANHATTAN MARBLE CO., 139th & E. R., New York. (See insert opp. next page)

Marble (Greek)

MANHATTAN MARBLE CO., 139th & E. R., New York. (See insert opp. next page)

Marble (Green)

BOCKMANN, A. E. (Royal Irish Green, etc.), E 139th & Locust av, New York
Fisher, R. C. & Co. (Irish), E 139th & Locust av, New York
Jackson, C. D., 105th & E. R., New York
MANHATTAN MARBLE CO. (Royal Irish), 139th & East River, New York. (See insert opp. next page)
United States Marble Co. (Canyon & Athenian), Spokane, Wash. Geo. W. White, Eastern Agent, 1133 B'way, New York
Verd Antique Marble Co., 1118 Marquette bldg, Chicago, Ill
Westfield Marble & Sandstone Co., Westfield, Mass.

Marble (Griotte)

MANHATTAN MARBLE CO., 139th & E. R., New York. (See insert opp. next page)

Marble Importers.

(See also Marble, Wholesale.)

Anderson Bros., 707 Centre, Boston, Mass.
av, New York. (See adv. index, end of book)
BOCKMANN, A. E., 139th & Locust av, New York
Church Art Work Co., 253 4th av, New York
Empire City Marble Co., 250 11th av, New York
Evans Marble Co., 204 E York, Baltimore, Md.; Knoxville, Tenn., & Ashland blk, Chicago
Fenn, C. E. & Co., 715 1st Nat'l B'k bldg, Chicago, Ill.
Fisher, Robt. C. & Co., E 139th & Locust av, New York
Jackson, C. D., 105th & E. R., New York
MANHATTAN MARBLE CO., 139th & E. R., New York. (See insert opp. next page)
Maxwell & Dempsey, 76 Jefferson, New York
Peugnet, Edw. H., 289 4th av, New York
Pisani Bros., 14th & Ave D, New York
Rist, Fred C., 466 Cherry, New York
Roussel, Chas. J., 524 W 50th, New York
Taber & Co., 446 E 106th, New York
Townsend, Townsend & Co., 453 W 21st, N. Y.

*Marble Importers (Italian)

Jackson, C. D., 105th & E. R. New York
MANHATTAN MARBLE CO., 139th & E. R., New York. (See adv. index, end of book)
Pisani Bros., 14th & Ave D, New York
Roussel, Chas. J., 524 W 50th, New York



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GREEK MARBLES, Skyros, Penteli, Tinos, Cippolino and Argos.
NORWEGIAN MARBLES, FO white, Breche rose, Antique foncé,
Citron and Breche vert.
BRECHE BENOU, yellow and violet.
ROSE VIF, LILAS, NOIR ANTIQUE.
GRAF GREEN (light, medium and dark).
ROYAL IRISH GREEN.

Marble Interior Work.

See also Plumbers' Marble Work.
Also Marble Producers.

Ahrens & Ott Mfg. Co., 325 W Main, Louisville, Ky.
AMERICAN ART MARBLE CO., 609 N American, Phila., Pa. (See adv. opp. page 797)
Bagley, Fredk P. & Co., 33 W 18th, Chicago, Ill.
Ballee, H. C. Marble Co., Astoria, L. I., New York City
BATTERSON & EISELE, 431 11th av, New York. (See insert opp. page 798)
Beggs, A. & Son, 309 Anderson, Allegheny, Pa.
Bevan & Sons, Frisby & Belt Line Ry., Baltimore, Md.
Blatz & Krebs Stone Co., 1328 W Walnut, Louisville, Ky.
Blue Ridge Marble Co. (Georgia & Tenn. Marble Only), Nelson, Ga.
Bowker, Torrey & Co., 55 Chardon, Boston, Mass.
BRADBURY MARBLE CO., 1229 S 2d, St. Louis, Mo.
Buckeye Marble & Freestone Co., 3d & Eggleston av, Cincinnati, O.
Buess, Wm., 316 E 95th, New York
Christa, Phillp & Sons, 504 Lafayette av, Detroit, Mich.
Church Art Work Co., 253 4th av, New York
Columbian Marble Quarrying Co., Rutland, Vt.
Cook, T. W. & Co., 1623 Tremont, Denver, Col.
Davis, Frank L., Fuller bldg, New York
Davis Marble Co., 214 S 24th, Phila., Pa.
Davison Bros. Marble Co., Chicago, Ill.
Drake Mantel & Tile Co., St. Paul, Minn., & 510 S 2d, Minneapolis, Minn.
Duquesne Marble Co., Allegheny, Pa.
Eckhardt Monumental Co., 27 N Erie, Toledo, O.
Ellin, Kitson & Co., ft of W 25th, N. Y.
Empire City Marble Co., 250 11th av, New York
Eschmann, B. & J., 412 E 31st, N. Y.
Evans Marble Co., 204 E York, Baltimore, Md.; Knoxville, Tenn., & Ashland blk, Chicago
Fertig-Phelps Marble Co., 516 W 20th, New York
Fisher, Robt. C. & Co., E 139th & Locust av, New York
Georgia Marble Finishing Works, Canton, Ga.
Grant Marble Co., 27th & Canal, Milwaukee,
Gray, Wm. & Sons, 30th & Walnut, Phila., Pa.
Great Western Marble Works Co. (Philip McDonough, Propr), 1602 Reading road, Cincinnati, O.
Grob, German & Son, 502 W 35th, New York
Hall, Chas. E. & Co., 62 1st, E Cambridge, Mass.
Henry Marble Co., 3208 Shields av, Chicago, Ill.
Hilgartner, L. & Sons, 714 W Baltimore, Baltimore, Md.
Illinois Marble Co., Edwardsville, Ill.
Kirkpatrick Bros., 23d & Wash'n, Phila., Pa.
Klaber, S. & Co., 47 W 42d, New York
Krullsh, J., 351 E 61st, New York
Lautz Co., 861 Main, Buffalo, N. Y.
Lloyd Bros. Co., Toledo, O.
McGratty & Sons, 313 Butler, Brooklyn, N. Y.
Manning, John F. & Co., 14th & H, N W, Washington, D. C.
Marthens, Chester N. Co., 53d & Wallace, Chicago, Ill.
MYCENIAN MARBLE CO., 524-26 W 34th, New York. (See adv. opp. page 796)
NORCROSS BROS. CO., Worcester, Mass.; Tremont bldg, Boston, Mass.; 160 5th av, New York, & Providence, R. I. (See adv. index, end of book)
Norcross Co., 269 W River, Cleveland, O.
Norcross-West Marble Co., 10 E Worcester, Worcester, Mass. Mills, Manchester Depot, Vt.
Northwestern Mantel Co., 419 S 6th, Minneapolls, Minn.
Passmore, Meeker & Co., 192 Market, Newark, N. J.
Peoria Stone & Marble Works, Peoria, Ill.
Pickel Marble & Granite Co., 1901 N B'way, St. Louis, Mo.
Plock Marble Co., 543 W 22d, New York
Reynold, R. V. & Co., 1215 Filbert, Phila., Pa.
Rutland Marble Mfg. Co., Rutland, Vt.
Schilling Co., 43 Eagle, Albany, N. Y.
Schlichter, P. M. & W., 642 W 47th, New York
Shaver, Jos. Granite & Marble Co., 506 7th, Milwaukee, Wls.
Sherman & Flavin, 2515 State, Chicago, Ill.
Sickels, Geo. B. & Co., Tate, Ga.
Shipway, J. H. & Bro., ft E 136th, New York
Stainback-Brown Co., Little Rock, Ark.
Stanton, Bartley A., Cranston, R. I.
Standard Marble Works (Jno. M. Mueller, Jr., prop.), 706 W Front, Cincinnati, O.
THEIS', PETER SONS, 644 1st av, New York. (See adv. below)
Toscani, J. A. & Co. (Also Interior Slate Work), 215 E 36th, New York.
Traltel Marble Co., Long Island City, B. Q., N. Y.
WEGE, CHAS., MARBLE & TILE Co., 375 W Rich, Columbus, O. (See adv. opp. next page)
Young, B. P. Co., Pittsburg, Pa.

Marble (Italian White)

MANHATTAN MARBLE CO., 139th & E. R., New York. (See adv. opp. this page)

Marble (Karystos)

MANHATTAN MARBLE CO., 139th & E. R., New York. (See adv. opp. this page)

Marble (Lilas)

MANHATTAN MARBLE CO., 139th & E. R., New York. (See adv. opp. this page)

Marble (Mani)

MANHATTAN MARBLE CO., 139th & E. R., New York. (See adv. opp. this page)

Marble (Marmor, Lt.)

MANHATTAN MARBLE CO., 139th & E. R., New York. (See adv. opp. this page)

Marble Mosaic

(See Mosaics, Various Kinds.)

Marble Mosaic Cube Importers

(See Mosaic Cube Importers, Etc.)

Marble (Mycenian)

MYCENIAN MARBLE CO., 524-26 W 34th, New York. (See adv. opp. page 796)

Marble (Noir Antique)

MANHATTAN MARBLE CO., 139th & E. R., New York. (See adv. opp. this page)

Marble (Norwegian White)

MANHATTAN MARBLE CO., 139th & E. R., New York. (See adv. opp. this page)

Marble (Paros)

MANHATTAN MARBLE CO., 139th & E. R., New York. (See adv. opp. this page)

Marble (Penteli, White)

MANHATTAN MARBLE CO., 139th & E. R., New York. (See adv. opp. this page)

Marble (Plumbers')

(See Plumbers' Marble Work.)

Marble Producers

ALABAMA.

SYLACAUGA—Alabama White Marble Co.

GEORGIA.

ATLANTA—Southern Marble Co., 8 N Forsyth
CANTON—Brady, T. M.
Georgia Marble Finishing Works
DALTON—American Black Marble Co. (Black)
GRIFFIN—Jones, H. H. & Co.
MARBLE HILL—Southern Marble Co.
MARIETTA—Butler Bros.
Kennesaw Marble Co.
McNeel Marble Co.
Mozley, S. G. & Co.
NELSON—Blue Ridge Marble Co.
TATE—Georgia Marble Co.
Sickels, Geo. B. & Co.

ILLINOIS.

CHICAGO—Beldens Falls Marble Co., 140 Dearborn
Columbian Marble Quarrying Co., 36 Lasalle
Davidson Bros. Marble Co., ft Orleans
Evans Marble Co., Ashland blk
Georgia Marble Co., 200 Monroe
Verd-Antique Marble Co., 204 Dearborn

MARYLAND.

BALTIMORE—Beaver Dam Marble Co., 704 Constitution
Evans Marble Co., 204 E York
Godfrey, T. S. Marble Co., 218 E York
Sisson, Hugh & Sons, 210 E Baltimore
EAKLE'S MILLS—Washington Marble Co.

MASSACHUSETTS.

ASHLEY FALLS—Ashley Falls Marble Co.
BOSTON—**NORCROSS BROS. CO. (Georgia, Tuckahoe & Vermont), Tremont bldg.**
LEE—Berkshire Marble Co.
Gross, W. H.
Lee Marble Co.
WESTFIELD—Westfield Marble & Sandstone Co.

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NEW YORK.

WORCESTER—**NORCROSS BROS. CO.** (Georgia, Tuckahoe & Vermont), 10 E Worcester. (See adv. index, end of book)
Norcross-West Marble Co. (White, White Mottled & Silver Gray), 10 E Worcester.
Mills, Manchester Depot, Vt.

MISSOURI.

CARTHAGE—Carthage Consolidated Quarry Co.
*Carthage Marble & White Lime Co.
ST. LOUIS—Carthage Marble & White Lime Co., Emilie bldg

MONTANA

HELENA—Montana Marble & Mining Co.

NEW YORK.

GOUVERNEUR—Davidson Bros. Marble Co.
Dunkelberg, C. C.
Gouverneur Marble Co.
Hurlbert & Scholten (Wholesale)
Northern New York Marble Co.
White Crystal Marble Co.
Whitney, Dan'l J. (Wholesale)
NEW YORK—Beech Island Marble Co., 158 B'way
NORCROSS BROS. CO. (Georgia, Tuckahoe & Vermont), 160 5th av. (See adv. index, end of book)
Snowflake Marble Co., 156 B'way, N. Y.
South Dover Marble Co., 156 5th av
Tuckahoe Marble Co., 413 E. 29th
Waverly Marble Co. (Tuckahoe), 1 Madison av

(END OF NEW YORK CITY.)

SOUTH DOVER—South Dover Marble Co.

PENNSYLVANIA.

KING OF PRUSSIA—Schweyer & Liess (Blue & Dark Blue)
LEBANON—Keystone Marble Co.
PHILADELPHIA—Columbian Quarrying Co., Heed bldg
Freedeley, J. R. & Sons, 210 S 24th
Penna. Marble & Granite Co. (Penna. White)
Peverley Bros., 1215 Filbert
Reynolds, R. V. & Co., Heed bldg
WEST GROVE—Penna. Marble & Granite Co.

SOUTH DAKOTA.

CUSTER—Black Hills Porcelain Clay & Marble Co.

TENNESSEE.

FRIENDSVILLE—Tennessee Varigated Marble Co.
KNOXVILLE—American Marble Co.
Craig, Jno. J. Co.
Evans Marble Co.
Godfrey, T. S. Marble Co.
Knoxville Monumental Works
Ross Marble Co.
Southern Monument Co.
Tennessee Producers' Marble Co.
United States Marble Co.

UTAH

HUNTINGTON—Castle Valley Marble Co. (Variety of Colors)

VERMONT.

EAST DORSET—Dorset Mountain Marble Co.
Freedley, J. K. & Son
LEICESTER JUNCTION—Brandon Lime & Marble Co.
MANCHESTER DEPOT—Norcross-West Marble Co. (White, White Mottled & Silver Gray)
PITTSFORD—Hollister, J. B.
Raleigh Marble Co.
PROCTOR—Vermont Marble Co.
RUTLAND—Columbian Marble Quarrying Co.
Everson & Co. (Wholesale)
Gouchoe & Walsh
Kinsman, W. R.
Quigley Bros.
Rutland Marble Mfg. Co.
Temple Bros.
SWANTON—Barney Marble Co.

WASHINGTON.

COLVILLE—Jefferson Marble Mining & Milling Co. (About 23 Different Colors)
SPOKANE—Columbia River Marble Co. (White, Mottled, etc.)
United States Marble Co. (Green, Black, Purple, etc.), Spokane, Wash.

Marble (Rose Vif.)

MANHATTAN MARBLE CO., 139th & E. R., New York. (See adv. opp. page 799)

Marble (Royal Irish Green)

Fisher, R. C. & Co., E 139th & Locust av, New York
MANHATTAN MARBLE CO., 139th & E. R., New York. (See adv. opp. page 799)

Marble Sawing Machines

(See Stone Sawing Machines.)

Marble (Serpentine)

BOCKMANN, A. E., 139th & Locust av, New York
Fisher, Robt. C. & Co., E 139th & Locust av, New York
Jackson, C. D., 105th & E. R., New York
MANHATTAN MARBLE CO., 139th & E. R., New York. (See adv. opp. page 799)
UNITED STATES MARBLE CO., Spo- kane, Wash.
Westfield Marble & Sandstone Co., Westfield, Mass.

Marble (Skyros)

MANHATTAN MARBLE CO., 139th & E. R., New York. (See adv. opp. page 799)

*Marble Statuary

Church Art Work Co., 253 4th av, New York
Stolzenberg C., 51 Barclay, N. Y.

Marble (Styra, Cippolino)

MANHATTAN MARBLE CO., 139th & E. R., New York. (See adv. opp. page 799)

Marble (Tinos)

MANHATTAN MARBLE CO., 139th & E. R., New York. (See adv. opp. page 799)

Marble (Wholesale)

(See also Marble Importers.)

BOCKMANN, A. E., 139th & Locust av, New York
Bradbury Marble Co. (Georgia, etc.), 1229 S 2d. St. Louis, Mo.
Carthage Marble & White Lime Co. (Georgia & Tennessee), Emilie bldg, St. Louis, Mo.
Columbian Marble Quarrying Co., Rutland, Vt.
Evans Marble Co., York & William, Baltimore, Md., & Ashland blk, Chicago, Ill.
Fenn, C. E. & Co., 715 1st Nat'l B'k bldg, Chicago, Ill.
Jackson, C. D., 105th & E. R., New York
MANHATTAN MARBLE CO., 139th & E. R., New York. (See adv. opp. page 799)
Marine, Arlando, 24 E 42d, N. Y.
Rist, Fred C., 452 Cherry, N. Y.
Roussel, Chas. J., 524 W 50th, New York
Southern Marble Co., 8 1-2 N Forsythe, Atlanta, Ga.
Taber & Co., 24 Corlears, N. Y.
Temple Bros., Rutland, Vt.
Verd Antique Marble Co., Marquette bldg, Chicago, Ill.
Vermont Marble Co. Main Office, Proctor, Vt.
White, Geo. W. & Co., 1133 B'way, New York
Williamson, Frank & Co., 2202 Chestnut, Phila., Pa.

*Marble Workers' Tools

(See Tools, Granite & Stone Cutters'.)

Marbles (Playing)

American Marble & Toy Mfg. Co., Akron, O.
Johnston & Sharp Mfg. Co. (Hollow Steel), Ottumwa, Ia.

Marine Clocks

(See Clocks, Marine.)

Marine Engines

(See Engines, Marine.)

Marine Railway Builders

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Murray, Jas. & Son, 102 E York, Baltimore, Md.
National Water Tube Boiler Co., New Brunswick, N. J.

Marine Railways

(See Dry Docks & Marine Railways.)

Markers (Center)

Wildeke Gustave & Co. (Boilermakers), Dayton, O.

Markers (Clap-Board)

Smith, Otis A., Rockfall, Conn.

Marquees

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HECLA IRON WORKS, 118 N 11th, Brooklyn, N. Y. (See adv. index, end of book)
JACKSON, WM. H. CO. (Iron & Bronze), 29 E 17th (Union Square), N. Y. (See adv. index, end of book)
PITT, WM. R. COMPOSITE IRON WORKS (Iron & Glass), 111 5th av, New York. (See adv. index, end of book)
TAYLOR & DEAN, 205 Market, Pittsburg, Pa. (See adv. index, end of book)
TYLER, W. S. CO., Cleveland, O.; 11 B'way, New York, & Bessemer bldg, Pittsburg, Pa. (See adv. index, end of book)
VULCAN CO., Detroit, Mich. (See adv. index, end of book)
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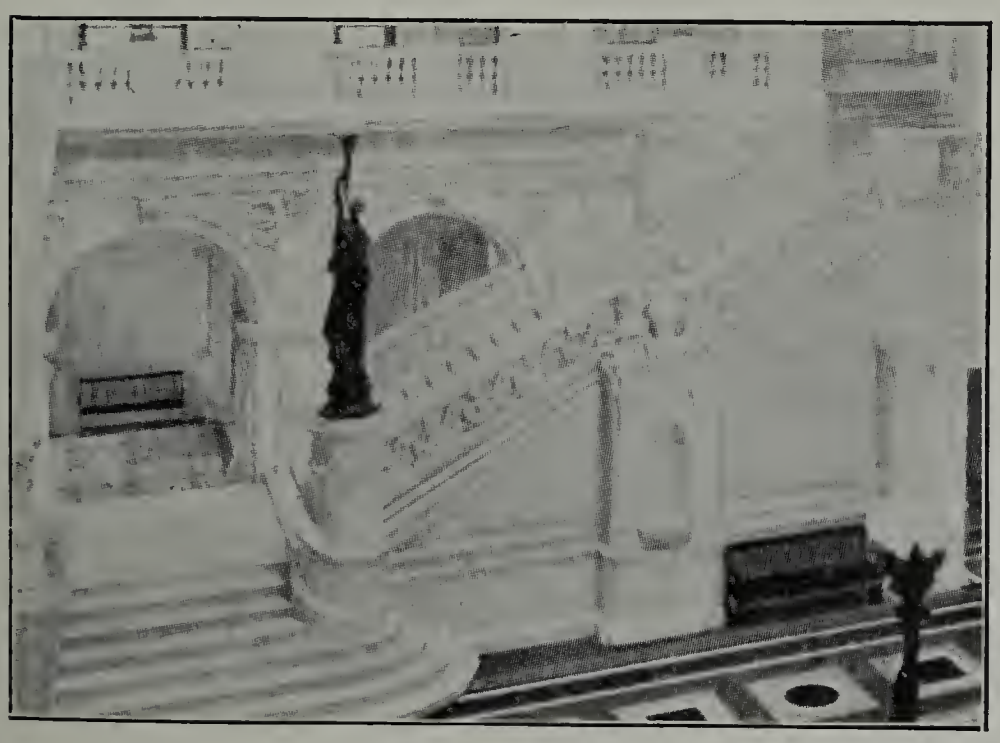
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Nastri, Carmine, 130 Clarence
*O'Brien, T. & Son, 137 Black Rock av
Plude, Chas., 461 William
*Purdy, Hy. M. Co., 550 Water
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Schindler & Noonan, 135 Sherwood av
Sherman, Adolf, 195 6th
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Wakeman, F., 82 Benham av
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*Hough, Edgar A. (Stone)
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Parsons, Abel, 28 George

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*Cook, Chas. C., 141 Trumbull
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Harrison, John, 156 Franklin
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*Hillis & Fox, 50 John
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*Hills, Nelson P., 64 Clark
Hollis, D. W. & Son, 212 Asylum
*Johnson, John, 47 Woodbine
*Johnson, Richard, 27 Pawtucket
*Mahl, Herman, 12 Pavillon
*Moore, Robert
*Newton, Theodore & Co., 77 Pearl
*Newton, Thos. S., 116 Clark
*O'Neil, Michael, 24 Pawtucket
O'Neil, Wm. F., 172 Farmington
*Reardon, Thos., 130 Albany
Ryder, Thos. F., 9 Arch
*Sheedy, Michael, 75 Franklin
*Simpson, Charles W. & Co., 68 Wooster
*Thayer, F. J., 39 Linden pl
*Thompson Bros., 19 Rowe av
*Tryon, Watson & Son, 720 Main
Welch, Thos., 93 Franklin
Westland, Wm., 590 Main

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Arnold, G. A., 225 Curtis
Kane, James & Son, 47 Stone
*Lines, H. Wales Co. (General), 134 State
Morrissey, M. F. & Sons, 80 Hillside av

MIDDLETOWN—*Butler, H. R., 287 College
Doherty, Patrick J., Hill n Wash'n
*McConochie, Hugh, 16 Clinton av
*Moore, James, 666 High
*Mylchreest, Wm., 43 Fountain av
*O'Brien, Dennis, Hunting Hill av
Rutherford, Jas. P. & Co., Straddle Hill
Smith, Geo. W., Trench Hill
*Tryon & Miller, Walnut, S F

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*Miles, J. L.

MYSTIC—Allen, G. W.

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French, Geo. B. (U. C.)
Potter, C. M., 267 Water
Sanford, Anson O. (U. C.)

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Rutherford Bros. (Brick & Stone), 369 Main
*Reilly, Thos., 263 N Stanley
Schweikert, Jno. G. (Stone), N Stanley
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Bunnell, L. C., 50 Cherry Ann
Campion & Welch, 75 Mechanic
*Carmichael, A. J., 269 Howard av
Carmichael, D. G., 13 Cassius
*Carroll, Michael, 13 Anderson
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Coffey, Lawrence J., Autumn n Canner
*Connor, Walter J. (Stone), 962 Grand av
*Cronin, P. H., 180 Park, W H
De Forest, Hy. W., 139 Henry
Dutcher, Oscar W., 25 4th av, W Haven
Dwyer, Jas. F., 518 Congress av
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Gorman, Thos. F., 129 Edgewood av
*Graham, Jno. M., 253 Hallock av
*Grant, Geo. M. Co. (Large), 133 Union
*Hogan, James H., 32 Ward
Holbrook, Burton, 175 Richards, W. H.
*Kinney, Chas. D., 208 Whalley av
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*Leonard, John N. Co., 21 Sylvan av
Lisbon, R. H., 446 Wash'n av
*Lyons, P. J., 90 Spring, W H
McDermott, Philip G., 19 Lilac
McIntyre, J. G., Park n Campbell av
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Malcolm, J. D., 33 Bishop
Maher, Thos. F., 56 Bishop
Mix, Henry T., 230 Wooster
O'Brien, L. (Stone), 70 Beech
Osborne, Jno. S. Co., 190 Goffe
Platt, Philip E., 148 Peck
Reilly, Jas. & Co. 21 Bradley
Rogers, Jno. W., 43 Dover
Sanders, Richard A., 51 Orchard
Sasso, Nicholas, 127 Carlisle
Shay, C. J., 324 Campbell av, W. H.
*Sherman, Jno. L., 253 1st av, W. H.
Snow, Albert B., 27 B'way
*Sperry, Elizur H. (General), 234 Whalley av
*Sperry, L. P. & Son, 397 Lyon
*Sperry & Treat (General), 39 Church
*Stowe, F. A. & Son, 109 Fountain
Swan, Jno. H. (Stone), 275 James
Townsend, Wm. M., 286 Dixwell
*Treat, Frank N., 500 Howard av
Valente, Pasquale, 75 County
Warner, Chas. W., 818 Dixwell av
Warner, F. A., 33 B'way
Warner, H. E., 33 B'way
Wharton & Boudon, 75 Sherman av
Wheeler, H. P., 22 Wharton, West Haven
Wrisley, Lester C., 95 Elliott

NEW LONDON—*Burch, H. O. & Co. (Stone), 41 Grand
*Darrow, A. (Stone), 146 Main
*Dean, A. L. & Co. (Bricklayers), 206 Bank
Fitzgerald, P. H. (Stone), 5 Home
*Fowler, O. L. (Bricklayer), Montauk av
*Fuller, H. C. (Stone), 15 Bristol
*Gunn, Wm. (Stone), 60 Crystal av
*Hammel, J. C. (Stone), 52 Broad
*Murphy, Dennis J. (Brick), 1 Belden
*Pierce, Edgar B & Co. (Bricklayers), 13 Golden
*Post, Elisha (Stone), Gardner av
*Prest, Geo. (Stone), 18 Blackhall
*Ryan, J. J. (Stone), 5 McDonald

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Griffin, S. (Stone)
La Brague, G.
Morrow Bros. (Brick)
Shepard, W. A.

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Beers, Wm. P., 21 Henry, E. N.
Fanzilli, G., 26 Water
Guiles, L. W., Silver Mine rd
Hanford, David L., 60 Maple av, E. N.
*Hoyt & Fitch, 41 East av, E. N.
Lawlor, Wm. (Stone), 95 Conn. Turnpike
*Robbins Bros., 20 West av, S N
*Seymour, Henry, 62 West av, S N
Sheldon, Wm. (Stone), 19 Wilton av
*Smith Bros., 1st, n Woodward av, S N
*Smith, J. O.
Smith, W. H., 39 West av, S N
*Yost, Charles

NORWICH—Burton, Chas. W., 138 Prospect
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Cole, S. A., 112 Cliff
Colt, Henry, 135 Franklin
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Dodd, Thos. (Stone), 202 Boswell
Donovan, Jno., 56 Roath
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*Rice, Frank G., 118 Asylum
Ringland Bros., 153 N Main
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Talbot, Lacius (Bricklayer & Plasterer)
Warren, Horace (Bricklayer & Plasterer)
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Fitzgerald, Jas. (Stone)
Newton, Edwin (Brick)

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Lanyon, Wm. T.

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Hubbell, O. W. (Stone)
Larkin, Nicholas
*Murphy, P. W.

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*Gorman, Pat'k
*Gorman, Pat'k M.
*Mahoney & Anderson
*Treat, Chas. O.

S NORWALK—(See Norwalk)

SOUTHINGTON—Barnes, Willard S.
Cowles, R. W. & Son
Culliney, Jno. (Stone)
Nolan, Thomas (Brick & Plasterer)

STAFFORD SPRINGS—Silk Bros.
Sweet, E. J.

STAMFORD—*Ballard, Elah., 4 Hoyt
*Bell & Seeley, 75 Franklin
Buttrey, Fred. A., 80 Summer
Corbo Bros., Liberty n W Main
Hook, Frank, Atlantic sq
James & Whitehead (Stone), Greenwich av n Sellick
*McAdams, Thos., 61½ Main
O'Connell, Danl. & Son, 1 Cedar

Rubertuce, Peter, Spruce st
*Shea, Frank, 21 Prospect
Troy, Jno, Taylor st
Vozella, Jos. (Stone), 5 Spruce
*Weed, Eugene A., 72 Summer
STRATFORD—*Beardsley, Jno. E.
*Blakeslee, C. W. & E. J. (Brick & Stone)
TORRINGTON—Bradley, L. O. (Stone)
Christensen, Theo. A. (Brick)
Costello, Edward M. (Stone)
De Michel, Jno. & Bros. (Stone)
Fowler, Norman
*Fuller, Frank W.
Gleeson, Patk.
*Hopkins, Alfred C. (Brick & Stone)
Hopkins, Geo. S.
*Hugger, Mark (Stone)
*Longhi, Louis & Bro. (Brick & Stone)
Odell, Jacob J.
Peck, Geo. H.
Robbiati, Ambrose
*Rowe, S. F. (Stone)
WALLINGFORD—*Botsford, Horace, Cherry
*Downes, John E.
*Norton, P. G. (Stone)
Ranford, William
WATERBURY—*Austin, Geo. W., 21 North
*Bergen, Edward & Sons, 475 Baldwin
Bronson Knibbs Co., ft of Benedict
*Bryan Bros., 43 S Willow
*Butler, Thos. F. (Brick & Plasterer), 145 Bishop
*Carroll, Anthony, 995 Bank
*Chatfield, G. S. Co. (Brick & Stone), 173 Canal
*Chatfield & Chatfield (Brick & Stone), 55 Benedict
City Contracting Co., 42 Bank
Convard, Frank, 132 Charles
Duhalme, Jno. B., Jr., 45 Round Hill
Emonz, John, Orchard, Watervlle
*Gaffney, J. F. (Brick & Stone), 69 Field
*Gaffney, John W. & Co. (Brick & Stone), 427 E Main
Goldsmith, And. W., 173 S Main
Jackson, Thos. (Stone), 95 James
*Kellner, Henry, 28 3d
McManus, Edward, 120 Bridge
*Mallory, E. C., 53 S Elm
Manglni, Donata, 52 Johnson av
Minicucio, D., 133 River
Nicholls, Francis E., 2 Ridgewood
*Norton, Oliver T., 940 S. Main
Rivet, Geo. (Plasterer), 59 W Liberty
*Thompson Bros., 58 Bridge
Vickers, Richard (Plasterer), 96 Pleasant
Whelan, Thos. (Plasterer), 647 N Riverside
WESTPORT—*Albin, Wm. E.
*Perry, Jno. W.
WILLIMANTIC—*Bentley, D. B., 31 Church
*Comins, Sanford A.
Grant, Wm. (Stone), 267 High
Jordan, Charles
*Sullivan Michael (Stone), 138 Jackson
*Walden, E. B., 254 Walnut
WINDSOR—Tryon, Watson & Son
WINDSOR LOCKS—*Waldo, Carlos J.
WINSTED—Adams, Horace
Beecher, E. S.
Beers, N. D.
*Carey, Jos. F. (Stone & Brick)
Crounelly Jno. (Stone)
Hart, W. M. (Brick & Stone)
Hotchkiss, L. E. (Stone)
Johnson, H. V. (Stone)

DELAWARE.

NEW CASTLE—Hizler, A. M.
SEAFORD—Larrimore & Taylor
WILMINGTON—(See also Carpenters, Contractors & Builders.)
*Anderson, Chas. E., 3 E 13th
Charles, Geo. S., 13th & DuPont
*Cox, Canby, 412 Walnut
*Dohl, Dan'l, 913 Pine
*Dunlop, Jos. S., 411 Jefferson
*Hamilton, Jos. S. (Large), 605 Franklin
*Hempel & Lenderman (Stone), 7 W 28th
*Jones, Wm. H., 2419 Wash'n
*Lenderman & Bro. (Large Builders), 10 W 8th
*Lynn & Phillips, 1014 Monroe
Pyle, Alban J., 1315 West
*Reed, A. S. & Bro. Co. (Brick), (Large Builders), 815 Shipley
*Samworth, Thos., 1508 Lancaster av
*Sharp, Elwood, 306 S Franklin
Simmons & Bro. (Brick), 421 Market
*Sollaway, Chas. J., 1230 Lancaster av

DISTRICT OF COLUMBIA.

WASHINGTON—*Acker & Co. (Large), North Capital & E, N. W.
*Brennan Construction Co., ft 31st, N. W.
Brosnahan, A. A. (Brick), 811 10th, N. E.
Burgess & Parsons, 627 F, N. W.
Capps, Jas. (Brick), 402 Fla. av, N. W.
*Carson, W. H., 632 A, N. E.
*Clssell, D. T., 1220 11th, N. W.
*Clarkson, Robt., 1238 5th, N. W.
Cogswell, Wm. W. (Brick), 722 F, S. W.
Collier, John B., 503 D, N. W.
Collins, Jos. W., 1016 T, N. W.
Corbett, Geo. W., 527 10th, N. W.
Coryell, Jno. R. (Brick), 1239 4th, S. E.
Covey, Walter A. (Brick), 423 P, N. W.
Cowling, Thos. E., 3314 17th, N. W.
Cowsill, Arthur, 1403 F, N. W.
Cowsill, Nathan, 809 7th, N. E.
Cozzens, R. E., 1917 6th, N. W.
Cox, Edw. M. (Brick), 221 12th, S. E.
Dant, George W. (Brick & Stone), 520 7th, S W.
Davis, W. E. (Brick), 615 C, N. E.
Denham, L. C., 909 20th, N. W.
Douglass, Ambrose M. (Brick & Stone), 320 E Capitol
Espey, Ferd., 410 12th, S. E.
Fahey & Co., Wash. Sav. Bk. bldg
Fearson, J., 3322 N, N. W.
Figgins, Enoch C. (Brick), 515 6th, N. W.
Fitzpatrick, Jas. (Brick), 921 10th, N. W.
Foley, Martin (Brick), 2433 N, N. W.
Fuller, Geo. A. Co. (Large), Home Life bldg
Galloway & Son, 712 O, N. W.
Getz, C. E., 621 I, N. W.
*Getz, Henry F., 928 Md av, N. E.
*Goddard, Wm. W. (Brick), 920 10th, N. W.
Hanvey, Frank L., 213 12th, N. W.
Harper, Sam'l A. (Brick), 1030 25th, N. W.
*Holtzclaw Bros., 1705 Penna av
*Hughes, Geo., 1314 Riggs, N. W.
Kennedy & Davis, 1413 G, N. W.
*Kimmel, Wm. A., 1613 N. J. av, N. W.
Johnson, Wm. H. (Brick), 1011 18th, N. W.
Lavender & Dorsey, 1101 E, N. W.
McAuliffe, F. D. (Brick), 500 D, S. E.
McCollum, Edw., 4 I, N. W.
McGregor, John, 729 12th, N. W.
Malnati, Antonio (Stone), 1st c M, N. E.
Martin, Jas., 617 E, N. W.
Miller, Julien, 1385 Ga. av, S. E
Narjes, Jno. A. (Brick), 555 15th, S. E.
O'Brien, Daniel (Brick), 615 G, S. W.
O'Neil, Robt., 479 F, S. W.
*Prescott, Saml. J. & Co. (Large), 507 12th, N. W.
Pumphrey, Geo. C., 626 F, S. W.
Richardson & Burgess (Large), 613 14th, N. W.
Rodbird, Jas. A., 17 I, N. E.
Schaffert, Jno. L., 427 I, N. W.
Smith, Hamilton E. (Brick), 7 11th, N. E.
Sorrell, Wm. H. H. (Brick), 621 M, S. W.
*Speir, W. E., (Large), Bliss bldg
Towles, Geo. W., 2300 14th av
Trott, Chas. V., 329 T, N. W.
Troxell, Wm. H. (Brick), 1426 G, S. E.
Turton, George H. (Brick), 1009 K, N. W.
Vaughn, Wm. A., 1006 Conn. av, N. W.
Veihmeyer, J. & Son, 1420 Ohio av, N. W.
Williams, Wm. H., 434 K, N. W.
*Woodend, Henry B., 1212 D, N. E.
*Yost, Jno. C., 715 9th, N. E.
Yost, Wm. & Bro., 1002 Pa. av, S. E.
Young, Bradley, 11th St. Wharf, S. W.

FLORIDA.

JACKSONVILLE—(See Carpenters, Contractors & Builders.)
LAKE CITY—Hart, A. B.
OCALA—McIver & Mackay
PENSACOLA—Bennett, L. C. (Brick)
Olsen, A. W. (Brick)
Sutherland, J. W. (Brick)
SANFORD—Rodgers, Jos. (Brick)
ST. AUGUSTINE—Odgers, Dan'l
Pacetti, T. J.
TAMPA—*Brown & Fraser (Brick)
*Levick & Moore (Brick)
Webb & Moore

GEORGIA.

ATHENS—Kennedy, D. M.
Lydon & Barret
*Watson Bros.
ATLANTA—*Bensel, Wm. (General), 66 E Ellis
Daniel, J. B., 395 Central av
*Gude & Walker (General), Prudential bldg
Hamilton, A. & Son, 71 S Pryor
*Helfner, F. P., 221 Gordon
Johns, W. P., 129 S. Forsyth
Lee, J. B. & Son, 127 Marletta
*Miles & Bradt (General), Austell bldg
Padgett, B. R. & Co., Prudential bldg
*Ramsey-Brisben Stone Co. (Stone), Austell bldg
*Venable Bros., Temple Court
*Wagner, Fred'k, Grant bldg
Wilkins, Grant, 23 Whitehall
AUGUSTA—*McKenzie, J. H. (Brick), 459 Broad
*Standard Mfg. Co.
COLUMBUS—Barlow Bros.
Gifford & Jones
Grugard, T. L.
Young, C. E. & Co.
DALTON—Kid, Tom
MACON—*Blair, Algernon
*Henry, George L. (Brick)
ROME—Gunn, W. S. (Stone)
*Trommell, Geo. W. (Brick)
SAVANNAH—*Eason, J. R. (Brick), 316 Waldburg
*Gould, J. D. (Brick), 210 E 32d
MacMahon, J. J. & Son, 140 42d E.
THOMASVILLE—Arnold, H. & Bro. (Brick)
WASHINGTON—Washington Mfg. Co.

IDAHO.

BOISE CITY—*Finnegan & Eastmar (Stone)
*Jellison, John (Stone)
*Mitchell, H. O. (Stone)
MOSCOW—Brown, J. V. (brick)
Jensen, N. (Brick & Stone)
Krier, E. H. (Brick)
Moore, J. H. (Brick)

ILLINOIS.

ALTON—*Ash, Wm. M.
*Dawes, C. E.
*Doerr, J., Jr.
*Hope, William
AURORA—*Briggs, E. D.
BATAVIA—Gramsey, Fred. (Stone)
Joyslen, John (Bridge Masonry)
Sluggert, Charles (Stone)
BELLEVILLE—*Blomenkamp & Co.
*Faulbaum & Glucck
Faulstich, Wendelin
*Hoeffken, Maurice
*Teufel & Kloess
BLOOMINGTON—*Barnes, C. D., 306 E Douglass
*Bowman, G. W., 1108 E Clay
*Cannon, Wm., 802 S Bunn
Evans, John W. Sons Co. (Large), 511 N Centre
*Lawler, H. C., 907 W Olive
Leech, R. K., 607 E Jefferson
*Meeth, Jacob, 1403 S Wright
Rhodes, Robert H., 1013 W Water
*South Side Stone Co. (Stone, etc.)
*Sylvester, T., 101 W Ash (Normal)
*Van Scholck, Wm., 302 W Wood
Walsh, Michael Stone)
Wilson, S. W. (Large), 612 E Taylor
CAIRO—Fletcher, Frank (Bricklayer)
*Fletcher, W. W. (Brick & Stone)
Quinn & Wallace (Brick & Stone)
Stout, Harry (Bricklayer)
Stout, Louis (Bricklayer)
Walsh, Richard (Brick & Stone), Commercial av & 20th
CANTON—*Haller, John (Brick)
CARROLLTON—Koughan, William
McAvoy, James
Moore Bros.
CARTHAGE—Foulds, C. R.
Foulds, J. M.
Stowe, R. & Son
Troute, George & Son
Verner, J. B. & Son
Woods, William
CENTRALIA—Clark, O. & Son
Spring, James
CHARLESTON—Briggs & Fuller
CHICAGO—Alphons, Custodes Chimney Con. Co. 204 Dearborn
*Anderson, Adolf, 145 La Salle
Anderson, Charles M., 841 N Park av
Anderson, Hans D., 1505 N Hamlin av
Anderson, John C., 847 W Polk
Andrews, Richard, 6052 Langley av

Appel & Ryder, 503-172 Washington
Archer, George, 652 Barry
*Armstrong, C. D., 6735 Lafayette av
Arnold, Jas., 188 Madison
Atkinson, Robert H., 5008 State
Augustine, Magnus, 145 La Salle
Back, Soren J., 618 N Artesian av
Baecker, Geo., 1796 W North av
Baker, D. A., 3841 S Campbell av
Baker, Jno., 654 S. Homan av
*Baldwin & Snyder, 277 Dearborn
Balz, Herman, 828 S Homan av
Barbian, Peter. 811 Nelson
Barnet, James B., 78 La Salle
Barrett, John C., 6434 Jackson av
Bartzen, Peter, 111 W Lawrence av
Becker, Philip, 1229 Perry
Bender, G. H., 603 S Washtenau av
Benes, James, 955 W 19th
Berg, Andrew G., 7019 Emerald av
Bergemann, Wm. F., 597 N Wood
Berghuis, Peter, 6224 S Morgan
Biemolt, Anthony, 121 Edgemont av
Billmeyer, F. S., 835 Perry
Bishop, Harry A., 1120 The Rookery
Blaznickl, Joseph, 633 Holt
*Bloom, Edw., 6645 Lowe av
Boeing, Frank, 1675 N Humboldt
Boulton, Jay B., 6938 Parnell av
Bowman, B. F. & Son, 6814 S Park av
Boydell, Albert H., 5836 Prairie av
Boydell, Joshua, 5836 Prairie av
Braben, Lars J., 708 Augusta
Brahm, Valentine C., 285 N Homan av
Brennan, Thomas F., 27 Hastings
Brisch Bros., 452 S Fairhill av
Brown, John, 482 42d pl
Browning, W. H. & Co., 154 Lake
Bueckermann, V., 1004 Wilcox av
*Buettner, August, 1068 S Robey
*Buhmann, Conrad, 624 W 21st
*Bulley & Andrews, 115 Dearborn
Burk & Sons, 6531 Evans av
Burke, Frank, 6314 Greenwood
Busby, William, 3204 Forest av
Buschner, Ernst, 120 Racine av
Camp, Curtis F., 402 S Kedzie av
Campbell, Arch M. & Co., 184 La Salle
Campbell, Murdoch, 112 Clark
*Campbell & Hobson, Chicago Opera House
Carey Bros., 5943 S. Green
*Carlin, P. Co., 132 Lake
Carlin, Patrick, 142 Michigan
*Carlson, Anton, 543 W Erie
Carter, Wallace, 5953 Prairie
Carter, Wm. G., 138 Washington
Cartter, F. O., 895 Ogden av
Chapman, Charles, 1324 Lexington
Christensen, Christian, 6024 Calumet av
Christensen, John, 845 69th
*Clark, Jonathan & Sons Co. (General), 2 Sherman
Clauss, Max, 9011 Parnell av
Claxton, Thos. K., 444 37th pl
Cleveland, T. D., 281 S Cleveland av
Clifford, Thos., 655 37th pl
Cohlgraff, Henry, 208 Webster av
Collender, Axel, 112 Clark
*Congress Construction Co. (Railroad, Government & Public Buildings), Masonic Temple
Colvin, Robert, 6448 Drexel av
Conley, James, 5137 Calumet av
Connelly, Martin, 255 Walnut
Cook, Olerince, 11.916 Lowe av
Cooke, F. R., 1281 W Adams
Corcoran, James, 757 W Jackson boul
Couleur, John B., 679 N Maplewood av
Courtney, Thomas E., 92 La Salle
Cox, Jno., 6642 Vernon av
Crampton, J. B., 1815 Wabash av
*Crear, Wm., 30 W Randolph
Crilly, Daniel O., 1005 W 63d
Crilly, Frank L., 167 Dearborn
Cronin, Chas. C., 6817 Parnell av
Dabelstein, Frank, 245 W Huron
Daegling, A. V., 9004 Houston av
Daegling, Louis J., 1173 Grenshaw
*Dameler's, C. W. & Sons, 153 La Salle
Danielson, Charles O., 10,061 av L
*Darling, Julius M., 4233 Champlain av
Davis, John E., 310 W. Jackson blvd
De Herder, Wm., 965 S Homan av
De Laby, Julian, 776 N Fairfield av
Delfosse & Olsen F., 172 Washington
Denton, Jos., 3564 Cottagelson av
Donaldson, W. J., 901 Walnut
Doughin, P. S., 4521 Evans av
Drawert, August, 3025 Parnell av
Dub, Frank M., 3319 Lowe av
Duffy, Jas. F., 655 S Jefferson
Dyer, Hiram M., 1099 W Jackson boul
Earl, Jno. A., 6210 Justine
Edwards, John, 6518 Langley av
Elmers, Albert D., 5330 Ellis av
*Enders, Peter, 321 Mohawk
Engel, Frank, 1207 Union av
Engstrand, Lothgren & Co., 5858 S Halsted
Erlandson, Nels V., 8839 Princeton av
*Fassbinder, Henry, 5007 Armour av
Fendl, Louis, 1147 S Hamlin av
Finster, Paul F., 377 Maxwell
Fisher, Jno. W., 6456 Union av
Flaska, Jas., 1472 W 13th pl
*Flick, John P., 1240 Montana
Foss, Chas., 92 La Salle
Foster, Thos. D., 291 Millard av
Fox, Geo H., 3156 Prairie av
Fox & Klippel, 334 Dearborn
Frederick, Mathias, 84 La Salle
Freeman, Daniel, 138 Wash
*Friedrichs, Henry F., 279 W Huron
Fries, Geo. F., 65 Goethe
Frish, Frank, 38 Fisk
Gahan & Byrne, 4193 S Halsted
Garth, Matthew W., 739 Carroll av
Gebhardt, Jno., 160 Orchard
Gebhardt, Michael, 253 Orchard
Gerten, Jno., 561 Cleveland av
Gilbert, Harry S., 232 Lunt av
Glass, Chas. B., 2853 N 44th av
Gobel, E. F. & Co., 140 Dearborn
Goldsmith, Ambrose M., 2821 Emerald av
Goodrich, Aaron J., 807 W 87th
Goodrich, Chester H., 8833 Wallace
Gorman, Edw. P., 140 Locust
Grace, Jas. W., 6755 Lafayette av
*Grace & Hyde Co. (General), 1408 Wabash av
Grady, Michael, 379 S Winchester av
Greene, Wm., 3409 Lowe av
Griffin, G. Jonathan, 8842 Wallace
Guptill, Lucius, 6830 Emerald av
Gutrich, Michael & Co., 3232 Wentworth av
Halls, Jas. P., 1032 W Madison
*Hammond, Jno. & Co., 164 La Salle
Hancox, Wm., 1145 Lexington
Hanke, Christian, 121 Canalport av
Hannan, Daniel, 2957 State
Hansen, P. B. & Co., 160 Washington
Harder, F. W., 3327 Lowe av
Hards Bros., 435 N Clark
Harper Bros., 92 La Salle
Harper, David H., 804 Masonic Temple
Harris, Wm. R., 3128 Wabash av
Haussen, Wm. F., 2702 Milwaukee av
Hazenberg, Herman W., 6311 S Halsted
Hebard, Hy, 686 W Monroe
Heck, Jos. D., 1311 W 104th
*Hedrich, Philip & Son, 119 Homer
Hein, F., 586 S California av
Heinkel, Adolph, 10437 Av N
Heinkel, Fred'k M., 9242 Ontario av
*Hennessy Bros. & Evans Co. (Large), 100 Washington
Hey, H., 938 School
Higinbotham, J. M., 226 25th
*Hildebrandt, Fred., 256 Seminary av
Hill, Albert, 217 37th
Hillary, Thos., 458 45th
Hinchliff, Geo., 188 Madison
Hodgson, Jos., 311 Webster av
Hofford, Daniel, 833 W 61st pl
Hogan, Michael H., 2212 Dearborn
Holden, Jas. J., 146 N Lawndale av
Holmstead, Edw., 63 N 50th
Hoppe, Fredk. J., 400 S Morgan
Huening Bros., 320 W Belmont av
Hughes, Thos., 5769 Drexel av
Hughes, Wm., 243 S Lincoln
Hurd, David, 227 S Wood
Ilgen, Herman, 797 N Winchester av
Innes, Jas., 585 S 45th ct
Jacobi, August, 978 W 12th
Johnson, Ernest F., 6620 Rhodes av
*Jay, Aaron, 47 S 40th ct
Jay, Aaron, Jr., 47 S 40th ct
Jacobi, August, 978 W 12th
Jaques, Robt., 78 S 52d av
Johnson, Ernest T., 6620 Rhodes av
Johnson, Jno. A., 7037 S Sangamon
Johnson, Jno. B., 160 Wash'n
Johnson, John W., 5607 Indiana av
*Johnson, Nels, 120 Sedgwick
*Johnston, Thos., 804 W 62d
Johnson, Wm. J., 6051 S Green
Jones, Richard J., 1386 34th
Jones, Wm. R., 228 S Homan av
*Jones & Jones, 254 W Congress
Joslin, Burt B., 3821 Elmwood av
*Joslyn, W. S. & Co., 115 Dearborn
Kabell, Leo., 962 N Clark
Kaiser, Englebert, 703 S Halsted
Kalchbrenner, Jno., 4752 Princeton av
Karban, Frank, 700 Haddon av
Karlberg, Jno., 287 Division
Karlsteen, Axel, 144 Edgewood av
Keessen, Wm. J., 701 S Wood
Kelly, Michael, 812 W 61st
Killeen, Jno., 2182 Augusta
Killips, Andrew, 456 Ogden av
Kilstofte, Peter, 1364 N Francisco av
Kinnare, John W. & Co., 164 Dearborn
*Kipp, Fred & Co., 1459 Newport av
Kirkpatrick, John S., 6814 Parnell av
Kish, Christian, 796 Fulton
Kitchell, Chas., 52 S Morgan
Knowe, Peter, 196 Wash.
Knox, S. Wm., 328 N Harding av
Koch, Albert J., 2088 Lexington
Koch., Jno., 979 N Sawyer av
Koehncke, Henry, 13774 Leyden av
Kophamer, Chas., 305 W Huron
Krevis, Aug, 92 La Salle
Lake View Bldg. Co., 92 La Salle
Landeen, Aug., 5303 Princeton av
Lane, Diedrich C., 177 Coblentz
Larocca Bros., 55 S. Sangamon
Laschetzke, Frank, 3118 Lowe av
Launder, Wm. H., 3624 Rhodes av
Layer, Frank C., 1327 Millard av
*Leach, L. L. & Son, 204 Dearborn
*Leafgreen Bros. (Large), 138 Wash'n
Lehmann, Edwin, 120 Honore
Le Masnee, Jno., 6846 Calumet av
Lemke, H., 532 Thomas
Lindon, Peter, 871 N Artesian av
Link, Geo. E., 6445 Emerald av
Long, Daniel R., 933 Ogden av
*Lotz, Philip, 58 Wabash av
Louis, Peter, 4735 Justine
Luebbe, Conrad, 314 W 53d
Luedke, Aug. F., 1375 N Central Park av
Lund, Abraham, 271 W Huron
Lutz, Nicholas, 788 S Rockwell
McCall, T. A. & Co., 134 Monroe
McCarthy, Michael J., 610 32d
McClay, Thos., 924 Reed pl
McClintock, Jas., Jr., 67 S 44th av
McEwen, W. J. & Co., 1081 W Lake
McGrath, Jno J., 404 S Paulina
*McKay, Donald, 1365 S Harding av
McLachlan, Alex. & Sons, Pullman av c 112th
McMahon, Jas., 1030 N Waller av
*McMillan, Neil, 167 Dearborn
McNamara M., 3621 S Paulina
McQuarrie, Thos. & Son, 2945 Cottage Grove av
Maloney, Jno., 74 Orleans
*Manson, Wm., 5228 South Park av
*Marquardt, Carl, 795 N Fairfield av
Martin, Jno., 869 W Ohio
Martinsen, Loritz, 219 W Erie
Masek, Frank, 1096 W 19th
Maske, Henry, 1152 W Division
Mayor, Thos. & Co., 188 Madison
Meagher, Arthur, 164 La Salle
Meisel, Edwd., 1734 Lincoln av
Meister, Louis L., 142 Fry
Merritt, Jas. F., 2002 W Adams
Messersmith, Geo., 56 5th av
Meyne, Wm., 482 N Robey
Michalski, Jno F., 172 Washington
Miles, Jas. P., 134 Monroe
Mole, Robt., 466 Oakley av boul
Moloney, Jno. C., 1324 Diversey blvd
Moorhouse, Jas., 1870 N Hamilton av
*Moreland, Hugh D. Co., 107 Washington
Morse, Edson, 94 Townsend
Mortimer, W. H. & C. J., 184 La Salle
Moss, Solomon J., 7115 Langley av
Motschman, Albert, 188 Madison
Mueller, August, 743 Milwaukee av
*Mueller, Carl R., 39 Clifton av
Mueller, Herman, 138 Wash.
Mueller, Oskar, 485 Belden av
Mueller, Paul, 156 Lewis
Mullen, Edw. J., 2532 Wabash av
Mullen, John, 494 S Wood
Murphy, D. J., 400 Dearborn
Nash Bros., 84 La Salle
Nauman, Herman L., 536 W 14th
Nellis, Thos. E., 45 S 48th av
*Nelson, Peter, 1333 Addison
Nelson, Ernest P., 1082 Osgood
Nelson, W. G., 201 S Halsted
*Nelson & McLeod, 84 La Salle
Neuman, Chas. F., 859 Cortez
Nielsen, Fredk. A., 422 N Lincoln
Nielsen, S. N., 132 W Erie
Nieterink, Henry, 818 W 12th
Nihlean, Swan J., 3629 Forest av
Nordlie, Edw. H., 827 Lincoln av
*Ockerlund, Albert, 2935 N Robey
Ockerlund, S. E., 2823 N Hermitage av
O'Connell, Wm. J., 334 Bowen av
*O'Day & Farwell, 145 La Salle
Oliver, Jas., 3813 Aldine

Oliver, Jos., 4547 Evans av
Ostergaard, Christian, 555 N Rockwell
Ostrand, Chas., 3988 Perry
Ostrowski, Theodore, 711 Dickson
Owen, Jno., 6519 Champlain av
Parent, John B., 23 Plum
Partello, Wm. Z., 2908 N Hermitage av
Patterson, Wm., 606 W Madison
Patton, Jas., 128 N Wells
Pauli, Henry, 206 North av
Paulsen, Edw., 1109 W 13th
Pease, Frank J., 2767 N 42d ct
Pedgrift, Jno., 2507 Evanston av
Peirce, Jno., Clark S E c Adams
Perham, Riley E., 6429 Lowe av
Perkins, Clarence A., 188 Madison
Peroutka, Jos., 1221 S Albany av
Person, Andrew, rear 1657 N Spaulding av
Petersen, Otto, 757 N Maplewood av
Peterson, Jno. W., 645 W North av
Peterson, Varin A., 1134 Otto
Peterson & Olson, 777 N Maplewood av
Pillinger Bros., 109 N Park av
Pohlmann, Alex. W., 476 S Wood
Porter, Clement, 1358 S Central Park av
Potratz, Herman, 970 N Halsted
Poull, Nathan A., 61 W Van Buren
Pound, Thos. A., 3841 Elmwood av
Pound, Wm., 3841 Elmwood ct
Powers, M. F., 132 La Salle
*Prendergast, T. W., 5619 Wentworth av
Prescher, Jno., 828 Girard
*Price, Abner, 2219 Prairie av
Price, Alex., 3641 Vernon av
*Price, Wm. D., 3427 N 56th av
Priewe, Gottlieb, 19 Gardner
Proesel, John W., 261 Larrabee
Provost, Napoleon, 620 W Taylor
Ramm, Henry, 1155 S Central Park
Rasmussen, Hans, 444 W Division
Raum, Gustav, 1469 S. Trumbull av
Raymond, Edw., 2829 Southport av
Reiman, Wm., 5542 Drexel av
*Reinert, Wm. & Son, 4845 Indiana av
Reynolds, Chas., 208 Thomas
Ritchie, Wm., 92 La Salle
Robinson, Benj. G., 92 La Salle
Rodatz, Jacob, The Rookery
*Roessler, Fred. H., 693 Fullerton av
Roquemore, Edwd. G., 637 N Harding av
Rosewell, Henry, 110 W Quincy
Rus. Jos., 1150 S Kedzie av
Rutledge, Jos., 7414 S May
Ryan, Jas., 1095 W 13th
Ryan, Jas. M., 6311 Jackson blvd
Sanders, David W., 4069 Princeton av
Scala, Louis, 4424 Dearborn
Schaetz, Gustavus, 1505 W 15th
*Schleyer, Chas., 6919 S Elizabeth
Schoening, Herman, 303 W 18th
Schnur, Christian, 775 Girard
Schofield, R. T., 646 W 65th
Schwerin, Wm., 975 W 21st
Seaborg, Adolph F., 7045 Emerald av
Seber, H. J., 523 W 56th pl
Seidler, Jno. B., 1043 N Sawyer av
Shand, Alex., 657 37th pl
Sherwin, Jos. Co., 693 47th
Sibbett, E. E., 359 W 65th
*Siebold & Neunkerchen, 1635 Roscoe
Sikorski, Albert, 646 Holt
Simpson, Alex., 1172 S Central Park av
Sirovy, Jas., rear 602 S Fairfield av
Skoglund, August H., 172 Washington
Skotnicki, Jno., 133 W Division
Slack, Edw. A., 3149 S 41st av
Slattery, Edwd., 4044 Indiana av
*Slattery, Jas. J., 1058 W Congress
Slattery, Wm. J., 6044 S Peoria
Snyder, Jno. W., 79 Dearman
Sodren, Alfred, 311 W 109th pl
*Solitt, Ralph & Sumner Co., 140 Dearborn
Souka, Thos., 1011 S Cal av
Spencer, Chas. D., 3571 Rhodes av
*Sproul, Elliott W., 138 Wash'n
Stadler, Chas. H., 1073 S Hamlin av
Stadler, P. C., 1983 Grenshaw
Steinacher, Adam, 585 S 45th ct
Steinmueller, Louis, 343 Hudson av
Stelzer, Wm., 1967 N Robey
Stephens, Isaac H., 5729 La Salle
Steven, Jas., 3118 Wallace
Stirton, Thos., 1195 Wilcox av
Stoe, Jos., 1654 87st
Strobehn, Fred'k, 1923 N Robey
Sutherland, John, 7215 St Lawrence av
Sweiberg, Chas., 92 La Salle
*Swift, Geo. B. & Co., 188 Madison
Thiele, Charles, 476 N Wells
*Thompson-Starrett Co. (General Building Construction), 143 Dearborn
Thomson, G. & Son Co., 167 Dearborn
Thone, Hy. C., 1394 W Lawrence av
Tieman, Geo. G., 809 W 65th
Tieman, Louis A. W., 1810 W 90th pl
Todd, Jas., 145 La Salle
Toll, Thilo, 20 Prindiville
Tubbs, Nathan, 7359 Vincennes rd
Turner & Co., 12 Loomis pl
Van Mourick, Cornelius 828 W Congress
Vermeersch, Emil, 1170 N Spalding av
Verraelt, Geo., 454 W Congress
Vibert, Chas. M., 351 S Oakley boul
Vider, Olaf P., 525 Garfield av
Walk & Potratz, 978 N Halsted
*Walker, T. S., 138 29th
Wallingford, Wm. H., 6601 Jackson av
Walter, Jacob, 67 W 22d pl
Walters, Wm., 862 Racine av
Walther, F. E. & Co., 1806 Wellington
Walton, Geo., 6149 S Green
Watry, Jos., 32 Iowa
Webb, Geo. A., 55 S Morgan
Webbe, S. E. Co., 169 Jackson blvd
Wedemeyer, Aug., 1595 Lexington
Welck, Louis E., 451 Cleveland av
Wells & Campbell, 499 W 19th
Wendorf, Wm., 404 W North av
Westphal, Chas J., 1653 N Leavitt
Wheatman, Geo A., 930 S Hamlin av
White, Edw., 268 S Claremont av
White Martin, 5647 S Peoria
White, Peter, 678 W 14th
White, Thos. M., 1163 Douglas boul
Whittaker, Wm., 3534 S Hoyne av
Wiegrefe, Wm., 572 Thomas
Williams, Geo., 92 La Salle
Williams, H. R., 178 S Albany av
Williams, John, 5837 Lafayette ave
Winblad, Gustaf, 5429 5th av
Winblad, John E., 5752 5th av
Wood, Albert E., 85 S Wood
Wood, Chas. A., 422 Flournoy
Wood, Geo., 4540 Prairie av
Woodley, Walter, 693 47th
Zeivel, Jacob, 1900 N Marshfield av
Zetterlund, Gustave, 41 Walton pl
Zuehlke, Julius, 247 W Belmont av
Zulewsky, Jno., 5845 Drexel av

DANVILLE—*Beard, Jno. (Brick)
*Kranse & Johnson (Brick & Stone)
*Lewis, J. A. (Brick)
*Pendergast, Thomas (Brick)
Tellar, Lee (Brick)
Watson, John (Brick)
*Weider, William (Brick)

DECATUR—*Ammann, Henry A. (Brick)
Cope, Albert (Brick)
Cope, Leander (Brick)
*Lunn, Henry & Sons (Brick)
Moffitt & Ammann (Large)
*Randall & Troutman (Brick)
*Tuttle, S. A. & Co.

DE KALB—Colleeen & Christenson
Hunter, A.
Lindberg, Aug.
Peterson & Kyhn
Rolfe, R.

DIXON—Curran, T. Frank
*Smith, Mark D.
*Whippermann, Frederick

DOWER'S GROVE—Woefersbeim, H. H. (Brick)

EAST ST. LOUIS—*Bosquit, W. C. & Co., 1700 St. Louis av
East St. Louis Stone Co. (Stone), 40 Missouri av
*Emerich, Wm. (Stone), 1422 Hall
*Gedney, J. I., 17th & Illinois av
*Hays, T. W. & Son, 514 Howe av
Kaiser, Theo. (Stone), 1362 Missouri av
*Morris, Wm. M., Arcade bldg
Park, David E. (Brick), 1720 Henrietta
Parl, Patrick (Brick & Stone), 1805 Bates av
Purdy, Geo. O. (Brick), 130 Collinsville av
Southern Illinois Construction Co., St. Louis, Mo
Stalle, Casper & Son (Stone), 108 N Main
Sullans, Chas. (Brick), 1114 Gross
Tarantino, F. (Stone), 108 N Main
Veeder, Charles

EFFINGHAM—Sanders, Henry (Brick & Stone)

ELGIN—Fluck, John
*Juby & Stolle (Brick & Stone)
*Lilly & Palm (Brick & Stone)
*Lind, Jacob & Son (Bricklayers)
Magnus, Andrew
*Marckhoff Bros. (Bricklayers)
Mutzelburg, Charles (Bricklayer)
Sydon, M. Henry

EVANSTON—Bartlett, C. T.
*Carlson, Axel, Stat. A.
Foley, M.
*Gilbert Bros., Sherman av
*Voights, Henry, Benson av
*Wigginton, Jas., Oak av

FREEPORT—*Hanke & Stuart
Holland & Ascher
Kautenberger, P. G. (Brick)
*Perkins & Son (Brick)
Rockey, Thomas
*Schaefer & Kruse (Brick)
Trunck, John (Brick)

FULTON—Buell, W. A.
Chapman, E. D.
Ferry, Jno. (Stone)
Husman, E. (Stone)

GALENA—Bancroft, Wm. (Brick & Stone)
Geigher, Chas. A. (Brick & Stone)
Jackson, Andw. (Brick & Stone)

GALESBURG—*Arnold, Geo. L., 829 E Main
*Bartlett & King (All Kinds of Structures)
Craig, Geo. (Stone), 132 E Simmons
Davis, S. B. (Stone), 150 W Main
Hjerpe, J., 78 Garfield av., 820 W Main
Miller, Chas., 1007 N. Celden
*Olsen, Peter T., 1020 N Bateman
Ream, A.
Rundquist, C. E., 1106 N Seminary
Sweeney, Mike
Victor, Larson, 1037 E Brooks st

GENEVA—Stebbins, John D.
Ide, W.
Sensha, A. C.

HARVARD—Breitenfeld, Wm.
Hammond, Enos
Phelps, Benjamin

JACKSONVILLE—*Dowd, Chas. Jr. (Brick)
*Dowd, Henry (Brick)
*Perkins, Rich'd (Brick)
*Robinson, W. D. & Sons (Brick)
*Wells, Joseph H. (Brick)

JERSEYVILLE—Ford Bros. (Brick)
Hansell, L. S. & Son (Brick)
Nalley, Wm. (Brick)
Nelison C. (Brick)
Robbins, Horace (Brick)

JOLIET—Johnson, Isaac, 1121 Benton
Lindblad, Emil, 200 Ridgewood av
McCowan, Wm. 622 Oneida
Smith, Jas. M., 201 John
Soupart, Arthur, 233 Gardner
Stage, Geo., 304 E Wash'n
Wenberg, Alfred, 1503 Cass av

KANKAKEE—Duekene, Denis
Martensen, John
Smith, Walter (Bricklayer)

KNOXVILLE—Stenson, T. O.
Turner, J. R.

LA GRANGE—*Anderson, Augustus
*Anson & Holman
*Bales, L.

LAKE FOREST—Enmark, S. G.

LA SALLE—*Sheehy, F. J.

LINCOLN—*Linseman, Jos.
McCord, Eugene (Brick)
McCord, I. (Brick)
Ransdel, J. W. (Brick)
Ransdel, Wm. S. (Brick)
*Selly, F. S. (Large)
Williams, J. H. (Brick)

LOCKPORT—Linden, Herman
Scheibe, Julius
Wells, Edward

MACOMB—Johnson & Son
Smuepent, Alphonse

MARSHALL—Bennett, John
Smith, Thomas

MATTOON—Bruner Bros. (Brick)
Hendricks, Hans (Brick & Stone)

MENDOTA—*Lee, Simon
*Zolper, Henry

METROPOLIS CITY—*Green, T. B.
Love, Walter (Brick)

MOLINE—Daebelliehn, Wm. P. (Brick & Stone)
*Ede, Gus & Son (Large Brick & Stone)
Gressy, Wm. (Brick & Stone, etc.), 736 25th
Gainey & Resser (Brick & Stone), 2928 14th av
Gust, Ed. (Stone, Brick, etc.), 406 3d
Hammerquist & Ludwig (Brick, Stone, etc.), 510 5th av
Huberty, Henry (Brick & Stone), 501 16th av
Huey & Stouffer (Brick & Stone), 2301 6th av
Johnson, Peter J. (Stone), 319 18th
Leaf, Peter (Stone & Brick), 1420 24th av
Miller, Franklin T. (Brick & Stone), 1814 24th av
Pettifer, Jas. A. (Stone, Brick, etc.), 2426 11th av
Pierce & Lundquist, (Brick & Stone, etc.), 418 3d
†Stouffer, A. C.

MONMOUTH—*Riches, Jno.
*Wilcox & Son
*Wilson, Jas.

MT. CARMEL—Beas, George
Heifman, Peter

MT. VERNON—Jordan, Cliff (Brick)
Warren, Wesley (Brick)
*Webber, Jas.
Webber, R. N. (Brick)
NORMAL—Leighton, F. A.
Sylvester, Thos.
OAK PARK—*Harper & Butendorf (Large)
OTTAWA—Sunderland, W. H. (Brick)
PARIS—*Beek, Chas. & Son
Snyder, J. W.
PEKIN—*Johnson & Zuller (Brick)
*Lampitt & Michael (Bricklayers)
PEORIA—Abbey, Merritt E. (Brick, 514 Smith
*Allen, Wm. M. (Brick & Stone), Woolner bldg
*Bowman John W., 106 Pacific
*Coleman, Albert & Son (Brick & Stone), 508 5th av
Coleman, W. H. Contracting Co. (Brick), 802 Main
Derby, Fredk. C. (Brick), 734 Howlett
Deuermeyer, Henry (Brick), 710 Green
Dolan, Maher & Co.
*Ebaugh, William H. (Brick & Stone), 701 7th av
Hasbrouck, Frank B., 323 Ellis
Hayes, Geo. H. (Brick), 223 E Armstrong av
Herth, Henry J. (Brick), 1208 1st av
Hoeppner, Frank, 149 Proctor
*Jobst & Sons, 221 S Adams
*Kammerer, Charles (Brick & Stone), 815 5th av
*McDonald, Jno. J. (Brick & Stone), 207 Louisa
*Miller, Jos. & Sons (General), c S Wash'n & Walnut
Owen, Wm. D. (Brick), rear 100 Knoxville av
Phillips, Henry D. (Brick), 1002 6th av
Pople Bros. (Brick), 1015 1st av
Reichel, Frederick W. (Brick), Cedar av, nr 7th av
Rounds, Edwin (Brick), 326 Ellis
Schnelby, Jos. K., 612 Penn. av
Schrei, Jno. (Brick), 327 Main
*Schwerm, J. H. William (Brick & Stone), 106 McReynolds
Strassberger, Jacob (Brick), 1717 S Adams
*Wall, Wm. G. (Brick & Stone), Aiken av, n Sterling av
Weisenhorn, Leopold (Brick), 101 Vine
Wells, Daniel A. & Son (Brick), 1512 7th av
*Whalen, John R. (Brick & Stone), 709 1st av
Winsauer, Henry W. (Brick), 101 Morgan
PERU—*Birkenbeuel, Fredk.
*Schweickert Bros.
Schwiegarth, Vincent
PRINCETON—Anderson Bros.
Risden, O. F.
QUINCY—*Budde Bros. & Co. (Stone), ft Van Buren
Campbell Bros., 920 Hampshire
*Ebert & Shannahan, 425 Payson av
Freund, Frank A. (Brick), 1301 Spring
Freund, Jos. H. (Brick), 505 N 13th
*Konefes, J. H. & Son (Brick), 206 S 12th
Manning & Sinclair (Brick), 1125 Cedar
*Menke, F. W. Stone & Lime Co. (Stone), Front & State
Prante, Henry B. & Co. (Brick), 833 S 7th
Roeder & Greeman (Stone), c Front & Jefferson
Schaller, Fredk (Stone), W 8th & Limits
Schneiders, Albert (Brick), 1416 Spring
Steinbach Bros (Brick), 219 Jersey
Von der Haar, Geo. (Brick), 1330 Spring
Zengel Bros. (Stone), 825 Cherry
ROCKFORD—*Alexander, John (Large) (Brick & Stone), 1115 Harlem av
Baldwin, Geo. W. (Plasterer), 201 Summit
Buske, Wm. (Brick & Stone), 726 Elm
Clubb, Alex. (Stone), 1132 Chestnut
*Ennett, Thos. (Brick & Stone), 129 N. 2d
Fleming, Nicholas, 2422 W State
*Hammer, Alex., 606 Lincoln av
Larson, Alfred G. (Stone), 320 6th
MacKenzie, Geo. & Co., 950 Thomas
*Maffoli, G., 211 E State
Palm, John A. (Brick & Stone), 224 7th
Peterson, H. F., 332 Barker pl
Roeder, H. J. L., 1113 School
*Wilson, Geo. (Large) (Brick & Stone), 427 S Church
*Winchester, Thos. (Large) (Brick & Stone), nr K. D. & C. N. W. Ry. Depot
ROCK ISLAND—*Atkinson & Oloff (Brick), 12th st rd nr Brashar, S. R. I.
*Baker, Christ. W. (Stone), 535½ 20th
Considine, Edw. (Stone), 813 3d av
*Donovan Bros. (Plasterers), w s Milan rd n Webb, S. R. I.
Henke, August (Stone), 625 38th
*Imhof Bros. (Brick & Stone), 824 11th av
Kennedy, Patrick J. (Brick), 732 30th
Kinner, Henry (Plasterer), 1103 4th av
Knutson, Olof (Stone), 519 39th
Larkin, Chas. J. (Brick & Stone), 556 30th
Littig, Nicholas (Stone), 522 16th
McConochie, Wm. & Sons (Brick & Stone), 2513 7th av
*McFarlane, Robt. (Stone), 837 23d
*Montgomery, Jno. (Stone), 421 12th
Pfaff, Chas. (Plasterer), 744 14th
Sargent, Jos. A. (Stone), 529 40th
Stevens, David (Brick), 602 30th
*Thompson, Wm. & Son (Plasterers), 919 17th
SPRINGFIELD—Burns, Hugh, 601 W Monroe
*Culver Construction Co. (Stone & Granite)
Heafer, Chas. E. (Brick), 1206 W Edwards
Holland, Wm. (Brick), 808 S 8th
*Irwin, Horace (Brick), 120 N 7th
*Irwin, J. O. (Brick), 1217 S 2d
*Irwin, Lafayette L. (Brick), 1711 S 6th
*Lindsay & Wise (Large) (Brick), 3d & Wash'n
*Miller, Henry (Brick), 1130 N 5th
*Nelch, Adam (Brick), 506 N 4th
*Rennie, Thos. P., 205 W N Grand av
Sommers, Wm. (Brick), 1111 N 7th
STERLING—*Fitzgerald, Jas.
*Paget, Wm. R. & Sons
*Ramsdell, Reuben H.
STREATOR—Davis, E. M. (Brick & Plasterer)
*Morgan, L. B. (Brick & Stone)
*Mulford, H. H. (Brick)
Spencer, D. J. (Plasterer)
TAYLORSVILLE—Anderson Bros.
Filer, G. M.
Hays & Hoover
URBANA—Bennett, Jno.
Kerr, Lester
Kerr, Thos.
Snelling, T. N.
WARSAW—Broadhurst, Isaac
Scholtsman, Joseph
Spitz Bros.
WAUKEGAN—*Green & Walker, 746 Grand av
*Jannke, A. C., 101 Low av
*Lightheart, L. & Son, 420 Belvidere
Miller, Frank, 323 Williams
WHITE HALL—Grant, T. J.
McAvoy, Wm.

INDIANA.

ALEXANDRIA—Beemer & Weaver (Stone)
*Koplin, Chas. (Brick & Stone)
*O'Hara, Thos. (Brick & Stone)
ANDERSON—Essinger, Barney (Stone)
*Hedrick, Jno. C. (Brick & Stone)
*Hubbard, Jno. W. (Brick)
*Kelley, T. P. (Stone)
*Malone, W. K. (Brick)
*Thomas, A. (Brick)
BRAZIL—Cutshall, Monroe (Brick)
Loyde, Wm. (Stone)
COLUMBUS—*Caldwell & Drake (Large)
*Everroad, Wm. & Son
*McCormick, P. H. & Co.
Moyer, Ed.
CRESTON—Taylor, George
ELWOOD—Digel, S. H. (Stone)
Gloutchbough, Jno. (Brick)
Long, H. M. (Brick)
EVANSVILLE—*Caden Stone Co. (Stone), 425 E Ohio
*Davies, Chas. H. & Co. (Brick), 220 U 3d
Elwood, Geo. (Brick), 701 Edgar
*Goodge, Geo. W. & Son (Brick), 1308 Walnut
Griesbacher, Geo. (Brick), 1406 2d av
Herbst, August W. (Brick), 1706 Fulton av
Kessler, Anton (Brick), 716 Baker av
Koch & Griesbacher (Brick), 1614 3d av
*Koob, Martin (Brick), 620 Oak
Kuhlman, W. F. (Brick & Stone), 1011 Extension of Main
*Lannert & Rickwood (Stone), Oakley & Penn
Moers, Frank, 103 Jacobs av
Sansom, Isaac (Brick), 918 Chestnut
Smith, Thos. T. (Brick), 506 Harriet
Smith, Wm. (Brick), 514 Harriet
*Stoermer, Herman (Brick), 603 Reed
*Weikel, Jacob P. (Brick), 5 U 4th
Yourgans, Gottfried (Brick), 101 Fountain av
FAIRMOUNT—Goodall, Frank
Pierce, T. J.
FT. WAYNE—*Boester, F. H. (Stone), 164 Fairfield av
*Breimeier, E. H. F. (Brick & Stone), 207 W Dewald
Calvin, Elbert (Brick & Stone), 83 Franklin av
Ehle, E. A. (Brick & Stone), 529 B'way
Happ, Nicholas, 89 Summit
Hensel, Peter, 37 Miner
*Kanning, Henry C., 58 Strophlet
Kendrick, Wm. H. (Brick & Stone), 9 W Dewald
*Kintz, A. W. (Brick & Stone), 149 Archer
Korte & Bruick (Brick & Stone), 65 Maumee
*Kruse, W. F. (Brick), 67 E Jefferson av
*Miller, Frederick, 8 Summit
*Moellering's, Wm. Sons, 53 Murray
*Pohlmeyer, F. C. (Brick & Stone), 57 Baker
*Rippe, F., 176 Madison
*Wehrenberg & Busching, 192 Madison
GOSHEN—Bottenfelt, Henry S., 703 S 3d
Coyle, Daniel, 505 N Main
*Crowell, Wm. H. (Brick), 305 Middlebury
*Larimer, Wesley H. (Stone), 631 Emerson
GREENSBURG—*Isgrigg, W. H.
*Stevenson & Roszell
HUNTINGBURGH—Hessing, Conrad
Hessing, Frank
Mandel, Henry C. F.
HUNTINGTON—Alles, John
Barrett, J. D.
Dougherty, R. W.
Ellerman, C. J.
Forst, Emmett
Foster, Peter
Keller, Henry
Kindler, J.
Koch, Martin
Scheer, Nicholas Jr.
INDIANAPOLIS—Bernhardt, Lorenz, 1321 Ringgold av
Bertels, Frank G. (Brick), 2112 Applegate
Billingsley, J. H. & Co. (Stone), 1405 Bates
Dammel, M. W., 316 Beecher
Davids, Wm. (Brick), 240 Caven
Davis, Enos (Brick), 712 N Senate av
Dennis, John (Brick), 526 Buchanan
Doan, Bland W. (Brick), 448 Division
Doane, John A. (Brick), 1212 Harding
Dorsey, Jas. (Plasterer), 1103 Spann av
Dreier, Ernest G. (Brick), 850 English av
Dunlap, Simon L. (Plasterer), 3019 Park av
Eden, Asa (Brick), 2412 N Illinois
Edwards, John A. (Plasterer), 623 Agnes
Ellis, Elza J. (Brick), 314 Hanson av
Ellis, Hiram R. (Brick), 317 Hanson av
Ent, H. A. (Brick), 857 Indiana av
Ent, O. B. (Brick), 1110 N Dearborn
Ernsting, Wm. (Brick), 1118 Woodlawn av
Ewing, Chas. S. (Brick), Lemcke bldg
Feary, John (Brick), 911 N East
Fife, Wm. & Son (Stone), Majestic bldg
Fiscus, A. J. (Brick), 330 E Vermont
Frazier, Theo (Stone), 1303 Villa av
Goddard, Sam'l (Stone), 609 W Vermont
Griffith, L. J. (Stone), 331 N East
*Hawkey, Stanton W. (Brick), Bldrs.' Ex.
Holle, Herman C. (Brick), 643 E Market
Hyland, Jas. (Brick), 1718 N Senate av
Ittenbach, G. & Co. (Large), 916 Harrison
Knox, Thos. W. (Brick), 2402 Brookside av
Koss, Wm. F. (Stone), Bldrs.' Ex.
Lebo, Wm. C. (Brick), 3301 N Capitol av
Linne, Henry (Brick), 227 N. Summit
*Martin, John (Brick), 227 N Alabama
*Noe, Nicholas (Brick), 17 E. Minnesota
Otto, Chas. (Brick), 38 S Oriental
Perry & Bock (Brick), 408 Mass av
Petrie, Wm. (Stone), 1832 Highland pl
*Pierson, John C. & Son (Large), Majestic bldg
Prather, Wesley A. (Brick), 1410 Oliver av.
Robbins, Samuel (Stone), Lemcke bldg
Rubush, Geo. A. (Brick), 923 Indiana av
Rubush, Wm. R. & Sons (Brick), 1223 Woodlawn av
Shute, H. L. (Stone), Stevenson bldg
Smith, Geo. O. (Brick), 1127 Villa av
Stamm, David H. (Brick), 530 N Bismarck av
Stimson, James J. (Brick), 306 W Henry
Tattersall & Ballard) (Stone), 741 E Walnut
Treter, John C. (Brick), 1136 Spruce
*Twiname, Jno. J. (Brick), Bldrs.' Ex.
Vater, Thos. J. (Brick), 1423 Bellefontaine
Wampner, Geo. H. (Brick), 1138 Dawson
Watson, John, 3307 Central av
Weaver, Geo. (Brick), 1409 Steele
Wehking, Chas. F. (Brick), 26 Va. av
Whitsit, Geo. L. (Brick), 2106 Applegate
Wise, Chas. A. (Brick), 1112 W 30th
*Wysong, Geo. (Brick), Box 35 Bldrs.' Ex.
Yawger & Battlefeld, 7 Fair blk
JEFFERSONVILLE—Hazard, C. D. (Brick)
Jacobs, G. D. (Brick)
Samuels, W. L. (Brick)
KENDALLVILLE—Cousin, Jno. (Stone)
Miller, Eli (Stone)
Van Ferson, Jno. (Brick)
Willett, W. E. (Plasterer)

KOKOMO—*Mills & O'Leary (Brick)
*Spurgeon, Wm. (Stone)
Wygant, Ed. (Brick)
LAFAYETTE—Andrews, Chas. E. (Plasterer), 1824 Salem
*Baer, Wm. A. (Brick), 402 S 6th
*Burchby, M. F. (Brick), 1818 Indiana av
*Chew, Joshua (Brick), 1129 S 20th
Davis, Lewis S. (Plasterer), 1147 N 17th
Davis & Robertson (Plasterers), c 18th & Union
Ebbeler, Ernest J. (Brick), 406 Perrin av
*Evans Bros. (Brick & Stone), 1301 Elizabeth
Jackson, Edw. L. (Brick), 34 N 26th
Mitchell, Jno. W. (Plasterer), 1302 N 12th
*Pratt, Freeman C., Jr. (Brick), 1315 Morton
*Smith, Edw. J. (Brick), 313 Columbia, W.L.
*Vollmer, Conrad (Brick), 413 Alabama
LOGANSPORT—*Barnes, John E. & Sons (Brick & Stone), 228 Front
*Linquist, Peter J. (Brick & Stone), 416 W Market
*Medland Bros. (Brick & Stone), 98 Eel River av
MADISON—Swab, Geo.
MARION—*Benner, F. M. (Brick & Stone)
Corrigan, Chas. H. (Brick)
Diggs & Son
Edwards, Jno. (Brick)
Fethers, Danl. (Brick & Stone)
*Hartshorn, Jno. T. (Stone)
Hartson, Edw. (Brick)
Hoover, P. A. & Son (Stone)
Johnson, Carl P. (Brick)
*Johnson, L. L. (Brick)
Johnson, Roy
Overman, Milton (Stone & Brick)
*Reed, M. W. (Brick) (Large)
Rybolt, Wm. O. (Brick)
Stevens, Lewis B. (Brick)
Turner, Gideon B. (Brick)
Yates, Rich'd J. (Stone & Brick)
*Wysong, Henry (Stone)
MISHAWAKA—Austin, Chas. E.
Bloom, H. & F.
*Hall, Amos
MUNCIE—Glasier, Michael
Hamilton, John M. (Brick & Stone), 415 Wysor
*Snyder, David M.
NEW ALBANY—Batey, Squire (Brick)
Carnes, J. S. (Brick)
Detrick, T. S. (Brick)
Ellis, Anton (Brick)
Gardner, R. M. (Brick)
Harmon, W. B. (Brick)
Herley, W. S.
Houpt, Wm. (Brick)
*Kchoe, Miles (Brick)
La Duke, Aaron (Brick)
Mitchell, C. D. (Brick)
NORTH MANCHESTER—Bonawitz, Jacob N.
Grim, Marion V.
NORTH VERNON—Harmes, Chas. (Brick)
Harmes, Otto (Brick)
Kirchner, M. (Stone)
Simmons, J. (Brick)
RICHMOND—Burkhard, C. E. (Stone), 226 S 7th
Cahill, Wm. C. (Brick), 219 N 8th
Cronin, Jno. (Stone), 105 N 16th
Davenport, John W. (Stone), 26 S 10th
*Haberkorn, Martin J. (Stone), c 10th & S O.
Knott, Wm. (Stone), 822 S 6th
Long, B. S. (Stone), 325 S 8th
Long, John H. (Stone), 415 S 14th
*Powell, Edw. A. (Brick), 323 S 13th
*Powell, Jas. A. (Brick)
Ross, Jno. A. (Stone), 203 S 13th
Tinnapple, Wm. C. (Stone), 206 N 2d
Wagner, J. C. W. (Brick), 226 S 5th
ROCKVILLE—Ball & Sheckels
Roberts, Morris
Testing, Frank
SEYMOUR—Lucas, B. F. (Plasterer)
*Short, Frank E. (Brick & Plaster)
Wethers, E. G. (Brick)
SHELBYVILLE—Byero, Jno. (Brick)
Dugan, Jonah (Brick)
Price Bros. (Stone)
SOUTH BEND—*Christman, H. C.
*Kemble, C. H.
*Kemble, Harry T.
*Knoblock, Geo.
*Robert, Hoban & Roach (General)
*Sleg, Christian
*Staley, E. T.
*Turnock, Wm. L.
*Weaver, Jno. S.
*Woodman, C. K.
SULLIVAN—*McClung, H. C. (Brick)
*Martin & Alkire (Stone)
*Nichols, J. F. (Brick)
*Simmons, Thos. (Brick)
TELL CITY—Cooper, J. M. & Sons
TERRE HAUTE—Abbott, Chas. W., 916 S 3d
Abbott, Ellsworth J. (Brick), 818 S 3d
*Beach, Silas C. (Brick), 424 N Center
Blood, Robt. L. (Brick), 114 S 12th
*Fromme, August (Large), c 7th & Hull
*Kinsley & Earl (Brick), 116 N. 19th
Miller, J. W. & Son (Brick), 438 N 8th
*Ravell, Abel W. (Large), 509 Wabash av
*Wallace, Charles (Brick), 214 N 12th
UNION CITY—*Forish, Wm. B. (Brick)
*Frank, John L. (Brick)
Garland, Philip
VINCENNES—*Friese, Jas.
*Hahman, Wm. (Brick)
*Hartigan, John (Brick)
WABASH—*Bridges, Thos. & Sons (Brick)
Hoffman, Fredk. (Brick)
*Lake, Frank M. (Brick)
Lambert, Elmer R. (Stone)
Sayre, Jacob (Stone)
*Smith Bros. (Brick & Stone)
Tholke, Henry (Stone)
WASHINGTON—*Brown, J. F. & Bro. (also Brick Mfrs.)
Graf, Otto (Stone)

INDIAN TERRITORY.

PURCELL—*Baer, David

IOWA.

ALGONA—Cowan, J. M.
Plumbey, S. I.
ANAMOSA—Holt, E. C.
Willard, C. C.
ATLANTIC—Haser, J. M.
*Jones, J. B. (Brick)
BOONE—Ferguson, H. P. (Plasterer)
*Madden, J. F. (Bricks)
*Palmer, Wm. (Brick)
Parks, Fred (Brick)
*Reese, J. W. (Brick)
*Yegge, J. K. (Plasterer)
BURLINGTON—Hoppman, F. W. (Stone), 230 S 10th
Loftus, Jno. (Stone), 519 S 3d
Miller, H. M., 324 Barrct
Moore, Jas. (Stone), 304 S Central av
Pierson, Isaac (Stone), 117 N Garfield av
Pistoris, Chris. (Stone), 206 S Woodlawn av
CARROLL—Kaib, Philip
Louther, Wm.
Louther & Bunn
Peck, S. W.
CEDAR RAPIDS—*Bartlett & King (All Kinds of Structures)
*Connor, A. H. & Co. (Large)
Forney, Wm. A.
Jeffries, Wm. S.
Smith, Albert J.
*Thompson, A. W., 859 5th av
*Wallace, L. & Son
CHARITON—Fickel, G. W.
McMains, Alfred
Routt, G. B.
CHARLES CITY—*Collins, Charles
CLARINDA—Sidmore, John
Stevens, W. E.
CLINTON—Anthony J. (Stone), 648 9th av
Fegan, J. E. (Stone), Miami st
Lake, John (Brick & Stone), 634 5th av
*Purcell, Thos. (Stone), 511 7th av
Upton, Larkin (Stone), 536 2d
COLFAX—Dee, Wm.
Sheldon, Frank
Wear, James
CORNING—*Chaffie, A. H.
COUNCIL BLUFFS—Connors, W. J. (Stone)
*Hughes, Martin & Sons, Merriam blk, S Main
*Weaver, J. P., 815 7th av
*Wickham Bros., 400 Franklin av
DAVENPORT—Enis, A. J. (Stone), 729 W Front
Garstang, Valentine & Co. (Brick), 1540 W 2d
Hansen, H., Masonic Temple
Otten Bros. (Brick)
Picklum, E. Co. (Brick)
Plambeck & Frandson (Brick)
*Rohwedder, Claus (Stone), 414 W 7th
*Stabe, Henry (Stone), 818 W 2d
Strathman & Otten (Brick)
Tri City Construction Co., Masonic Temple
DES MOINES—*Anderson, Wm. D. (Brick), 1219 Fremont
*Benson & Marxer (Brick & Stone), 425 Girard av
*Butcher & Storey, 527 E Walnut
*Cruzen, J. A. (Brick), 1109 Fremont
*Greely, J. B. & Son (Brick), 1047 16th
*Ives, G. E., 512 E 6th
*Kizer, A. H. (Brick), 1250 10th
*Lilley, O. & Sons (Brick), 801 Pleasant
Longshore, H. L. (Brick), 1154 12th
Lundberg, Andrew (Brick), 102 E Court av
Malne, Jas. (Brick & Stone), 119 8th
Mecum, Wm. H. (Brick), 1308 Jefferson
*Mitchell, W. F. & Co. (Brick), 315 9th
Nelson, F. P. (Brick), 1114 20th
Robinson, Edward (Brick), 1408 E Madison av
Rowat, Jno. (Stone), E 2d, c Vine
Schaub, R. W. (Brick), 416 7th
Schoonover, F. L. (Brick), 1320 21st
Tusant, J. E. (Brick & Stone), 616 High
*Weitz, Chas. & Son, 713 Mulberry
Wheeler, Thos. (Brick), 1110 Crocker
Winburn, R. L. (Brick), 1992 St. Joseph av
Youngerman, G. H. (Brick), 525 3d
DUBUQUE—Altman, Jos., 2152 Couler av
Bacher, S., 668 Seminary
Baumgartner, J. G., 539 Rhomberg av
Bohn, Jno. (Stone), 628 Windsor av
*Braun, C. 672 Windsor av
Burdt, C., 150 Broadway
Byrne, T., 360 Cleveland av
*Byrne & Saul (Brick & Stone), 39 S Dodge
*Donohue, Thos. J. (Stone), 1 Grandview av
Eberl, A., 805 Seminary
Eisbach, P., 605 Windsor av
*Howie, David T., 52 8th
*Keller, Joseph (Brick), 36 W 8th
Keller & Luchterhand, 36 W 7th
Knight, K., 91 College av
*McEvoy Bros. & Stevenson (Brick), 35 McEvoy pl
McMahon, R., 896 Southern av
*Nicks, Arnold (Brick), 90 Blocklinger la
*O'Farrell, James (Stone), 1575 Washington
*Proctor, Isaac (Stone), 465 W 5th
*Scharle, F. D. (Brick), 96 Hart
Schilling, E. J., 2136 Wash'n
Schneider, A. (Stone), 867 Lincoln av
Schulte, B. & Son (Stone), 7th, c Jackson
†Shemp, C. P. & Son, 34 Bennett
Steuck, Charles (Stone), 58 Francis
Street, J. Y. (Stone), 3024 Wash.
Tibey, E., 75 Booth
Trieb, J. H., 88 Seminary
Voltz, C., 2220 Rhomberg av
Wagner & Dorgan (Stone), 11th & Elm
Wodrick, F., 1132 Rhomberg av
ELDORA—Osburn, Wm.
Perkins, Edwin
ESTHERVILLE—Millar, C. O.
Smith, Emil
FT. DODGE—*Fessel & Steinle
*O'Connor & Marker
FT. MADISON—Albers & Co. (Brick)
Lantry & Sons (Stone)
HAMPTON—Bailey, H. L.
Eldred, Robert
HARLAN—Cockrell, William
Cox, John
Swam, H. D.
INDIANOLA—Goodman & Porter (Brick & Stone)
IOWA CITY—*Borts, David (Brick), 500 Renots
*King, Alphonso B. (Stone), Kirkwood av
*Schenkemeyer, Henry (Brick), 511½ Gilbert
*Tobeck, John & Co. (Brick), 1026 St. Mathias
*Zahs, Peter J. (Stone), 729 E Market
KEOKUK—*Bartlett & Kling (Large)
KNOXVILLE—Bonnifield, H. J.
Meranda, John
LAKE CITY—Aldridge, Willard
Hagard, R. M.
Miller, A. G.
Potter, William
Wicklund, W. O.
LE MARS—Andrew, W. J.
Hall, T. J.
*Krudwig, W. H.
*Miller, E. (Large)
*Newman, Henry
*Perkins, J. B.
MAQUOKETA—Bastian, Fritz
Becker, Jacob
Clark, Thomas
Follett, Charles
Hancock, William
Lake, John
Monroe, Joseph
MARSHALLTOWN—*Atkinson, J. F. & Bro.
Barstow, Geo. T. (Bricklayer & Tile)
*Lindsay, Robert C., 8½ N 3d (Brick)
*Matter & Sons
Peterson, John (Stone)
*Reimer, Chris. F. & Co.
*Stine & Peterson

MASON CITY—Farrell & White
Gabler & Lippert
Hill, Daniel
Sims, George
White, George
MISSOURI VALLEY—Armstrong, J. A.
Bly, A. H.
Christman, George
MUSCATINE—Correll & Dearing
Dean Bros.
Grassclaus, William (Brick)
Hoffman, John (Stone)
Plepp, August (Brick & Stone)
NEVADA—Dale, David
Gretsinger, N. B.
McKim, D. E.
NEW HAMPTON—Hastie, Wm. (Stone)
Johnson, James (Stone)
Mahoney, William (Brick)
Steers, William (Brick)
Wheaton, E. (Stone)
Wheaton, Joseph (Stone)
Winters, Matthew (Stone)
OSKALOOSA—Harbour Bros.
Johnson & Carlon
Sipes, C. C.
Walling Bros.
OTTUMWA—*Blunk, J. (Stone)
*Chiltern, J. (Stone)
*Cook, & Petram (Stone)
*Proctor, George (Stone)
*Reardon & Son
*Withall & Keefe, c 2d & Union (Brick)
PAULINA—Bethel, William
Johns, Hans
Rosene, Louis
PELLA—Kamp, Daniel
Plender, Jacob
PERRY—*Courtney & Bolt (Large)
Jamison, J.
RED OAK—Pratt, C. J.
Smith, N. J.
SHELDON—Brown & Higley
Lias & Rodgers
Reynolds, William
SIOUX CITY—Anderson & Grimwood, 200 9th
Baker, R. F. Co., 412 Brown blk
Gruner & Klingehill, 417 Nebraska
*Hanson Bros., 420 Jackson
*Houx, Frank T., 306 Douglas
Sulzbeck, Fred. J., 518 Main
*Wall, J. P., 411 Market
SPENCER—Geisel, R. (Stone)
Glover, H. G.
McCoy, J. C.
Rytter, Louis (Stone)
STUART—Hamlin, George
VINTON—Barger, C. D.
Coutes, Jacob
Holmes, G. A.
Webb, G. W.
WATERLOO—Bachle, A. (Brick & Stone)
Brown, W. H. (Brick & Stone)
Crane, G. H. (Brick & Stone)
Dunham, A. G. (Plasterer)
Lighty, H. W. (Plasterer)
McCoy, W. H. (Plasterer)
Peterson, E. F. (Plasterer)
Roebuck, Ernest S. (Brick & Stone)
Ruvane, M. W.
Seargent, H. A. (Brick & Stone)
Shannon, P. H. (Brick & Stone)
Van Arnam, J. (Plasterer)
Vetter, J. C. (Brick & Stone)
Weaver, G. E. (Stone)

KANSAS.

CHETOPA—McGrew, William (Plasterers), B. & B.'s North add.
Merrill, D. (Stone Cutter & Stone), 10th & Cherry
*Ritter Joseph (Brick & Stone), Northwest suburb
CLAY CENTRE—Johnson, George
Scott, Jesse
Wilson, B. C.
Worley, J. M.
EMPORIA—Jones & Roberts (Stone)
Lewis, L. W. (Stone)
Mechtley, H. A. (Brick)
Morgan, John S.
FORT SCOTT—Curns, Thomas, Crawford st.
Hays & Cook, Pine st.
IOLA—*Bickford & Edwards
JUNCTION CITY—Axman, Peter (Brick)
Engberg, Peter (Brick)
Halmgreen, John (Stone)
*Zeigler & Dalton
KANSAS CITY—Bachman, H. K. (Brick), 712½ Lyon
Bright, J. L. (Brick), 737 Tauromee
Dempsey, J. T. (Stone), 650 S 1st
Funk, F. L. (Stone), 645 Tauromee
Gottman, H. H. (Stone), 934 S 9th
Grigsby, S. C. (Stone), 938 Splitlog
Grigsby, W. A. (Stone), 938 Splitlog
Kent, Jos. (Stone), 1953 N 19th
Lahey, John (Stone), 413 Miami
Lytle, A. H. (Brick), 902 Miami
McCauley, J. T. (Brick), 433 N 5th
Priestly, Wm. (Stone), 722 Garfield
Sibley, A. H. (Brick), Franklin c 4th
Stanley, J. F. (Stone), 752 Sandusky
Taylor, J. W. (Brick), 827 S Mill
Thorpe, C. M., 835 S 10th
Young, G. F. (Stone), 54 Lombard
LAWRENCE—George, J. C.
LEAVENWORTH—*McGonigle, James A.
M'PHERSON—Isaacson, E. I.
McKinsey, J.
NEWTON—Fox, Ed.
Rickman, Patrick
Slater, Theo.
NO. TOPEKA—Brown, Allen, 1404 N Jackson
Winaus, H. K., 1202 N Van Buren
OLATHE—Heaton, John
King, Jesse
OSAGE CITY—Everheart, S. S.
Frost, C. H.
James, Enoch
OTTAWA—Du Mont, M. M. (Stone)
Pierson & Johnson (Stone)
Porter, J. T. (Brick)
Walker, Benj. (Stone & Brick)
PARSONS—Every, Frank
Hays, Geo.
McBride, Chas.
*Vance, J. S.
*Van Meter, J. F.
SALINA—Nelson, Aug. (Brick)
Nelson, Jno. A. (Stone & Brick)
Uplinger, I. W. (Brick)
STERLING—Arlington, B.
Hanna, J.
TOPEKA—*Bennett, Henry, Mulvane st, nr Huntoon
Braem, A., 1123 Chandler
Coursey, S. M., 623 Leland
Cuthbert & Sargent, 18th & Topeka av
Elliott & McShane, 1330 Byron
*Evesole, L. D., 325 Klein
*Fellows, Chas. A., 716 Lincoln
Grosch, S. F. & Son, 1906 Van Buren
Hartzell & Dixon, 7th st & Morris av
Hawes, E. A., 205 Monroe
Keesee & Barber, 212 E 10th av
Nelson & Tulein, 413 Taylor
Olson & Tulein, 1212 W 2d
Swanson, Oloff, 808 E 8th av
Sweeney, M., 701 Western av
Williams, D., 309 Jefferson
WICHITA—Crane, N. A.
*Hartle, N. (Brick), 1403 Lawrence av
WINFIELD—*Connor & Son
*Simpson, James (Brick)

KENTUCKY.

ASHLAND—Lew, Daniel
Thomas, M. W.
BELLEVUE—De Camp, Chas. L. (Brick)
Mulheney, Patrick (Stone)
Schioss, Jacob (Brick)
Stahl, John (Stone)
Ware, Wm. H. (Brick)
BOWLING GREEN—*Collett, George
*Phillips, Aaron
Smallhouse, Edward (Stone)
*Taylor, Silas
White Stone Quarry (Stone)
COVINGTON—Adams, Wm. (Brick), 7th & Madison av
Behle, Jno. (Stone), 11 Prague
Beiser, John J. (Stone), 79 Center, Central Covington
*Carl Brothers, 813 Crescent
Culbertson, Jno. D. (Brick), 175 Riddle
Hammel, Wm., 180 W Robins av
Kesting, Anthony (Stone), 72 E 13th
Kieley, Thos. J. (Brick), 132 W 4th
*Lehmann, Henry (Stone), 810 Crescent av
Leslie, Wm. (Brick), 22 Shaler
Metcalfe, Thos. L., 519 Montgomery
Meyer, A., Sr. (Stone), 268 W 12th
Meyer, J. A. C. & Co. (Stone), 216 Short
Odenwald, John (Stone), 916 Main
Schmidt, J. Conrad (Stone), 245 W 12th
Schuermann, Henry (Stone), 1106 Holman av
Tattershall, Wm. (Stone), 818 Greenup
Volpenhein, Jacob (Stone), 12 Baker
Ward, Milton J. (Brick), 80 E Pleasant
Ward & Bussert (Brick), Grand av nr Madison av
Wolsing, Albert (Stone), 812 Crescent av
DAYTON—*Burns, Jas. H. (Brick)
Clark, Columbus L. (Brick)
*Clarke, Alfred R. (Brick)
Culbertson, Jacob Bernard (Brick)
Culbertson, Wm. H. (Stone)
Gerrein, Fred (Stone)
Johnson, Chas. E. (Stone)
Peters, Chas. W. (Brick)
Truesdell, Chas. H. (Stone)
FRANKFORT—*Buckley, Michael
*Cryer, S. C.
*Frankfort Brick Co.
*Rumpf, J.
GLASGOW—Mansfield, Geo. (Brick)
Pare, C. B. (Brick)
HENDERSON—Anderson, G. W.
Diginan, R. H. (Brick), 511 Center
Farnsworth, R. P.
Hicks, Jos. A. (Brick), 315 N Main
Kyle, P. C. (Brick), 620 1st
Mullin, Jas.
HOPKINSVILLE—*Dalton Bros. (also Brick Mfrs.)
LEBANON—Corcoran & Daisy
Daisy, Jas.
LEXINGTON—Govan & Dalton (Stone)
Hardiman, W. (Brick), 135 E 3d
*Hulet, Frank (Brick)
Mengies, John (Stone)
Shannon, T. J. (Brick), P. O. Box 559
*Sheehan, Thos. (Stone)
Tandy & Bird (Brick), 190 W Main
LOUISVILLE—Akers, Edw. (Brick), 947 Marg.
Allen, C. P., 1524 21st
Allman, G. H. (Stone), 1207 20th
Arnold, C. P. (Brick), 2003 Preston
Arnold, Valentine (Brick), 2003 Preston
Baesse, F. W. (Brick), 1831 Jackson
Baesse, G. H. (Brick), 1133 Charles
Berger, H. A. (Brick), 2118 15th
Bornhauser & Bro. (Brick), 2318 Logan
Bornsteln, J. (Brick & Stone), 724 1st
Boyle, Jas. (Stone), 2926 4th
Britt, F. A. (Brick), 716 E B'way
Burry, Jacob (Brick), 1315 15th
Busch, Jno. (Brick,, 1223 Campbell
Casabella, Joseph (Stone), 1118 E Breckenridge
Clark, R. L., 605 W Market
Coogie, C. W. (Brick), 2836 Bank
Crader, Conrad C. (Brick), 436 Camp
Cummings, J. B., 1322 W B'way
Denzinger & Straub (Brick & Stone), 617 Lampton
Dutt, Wm. (Brick & Stone), 3028 Portland av
Eblen, J. L. (Brick), 3115 Portland av
Eblen, J. W. (Brick), 123 W Chestnut
Eblen, W. B. (Brick), 2210 Maple
Edwards, W. M. (Brick), 2324 Grayson
Fowler, T. M. (Brick), 1213 20th
Gray, J. W. (Brick), Chestnut near 38th
Gregory, Dudley (Brick), Tyler bldg
Hales, Elijah (Brick), 3510 4th
Harris, W. B. (Brick), 3001 Duncan
Hazard, W. A. (Brick), 2113 18
Heim, Ferdinand (Stone), 1109 Winter av
Hemerle, Albert (Brick), 819 E B'way
Hoertz, Adam, 1920 Floyd
Hoertz, Frederick (Brick), 1322 Beechwood av
Hoertz Jacob (Brick), 1316 Floyd
Hoertz, John (Brick), 932 E Madison
Hooper, Granville (Stone), 1612 Pope
Houston, T. R. (Brick), 820 7th
Knecht, Jno. (Stone), 725 E Jacob
Knoerr, Sylvester (Brick), 1548 Barret av
Knuettel, Leopold (Stone), 1806 Millwood av
Koch, Aug. & Son (Brick), 1031 Christy av
Kruse, J. J. (Brick), 718 Lampton
*Lewman, M. T. & Co. (Large), 515 4th
McClusky, M. J. (Stone), 1706 Brook
Martin, W. D. (Brick), 2500 Beach
Maurer, P. A. (Brick), 2838 W Market
Meriwether, J. F. & Son (Brick), 10 Courier Journal bldg
Minor, J. S. & Son (Brick), 312 W Jeff.
Murphy, J. J. (Brick), 2328 Maple
Neumayer, Jacob (Brick), 725 E Breckinridge
Norwood, A. B. (Brick), 1827 Preston
Oatson, Jno. (Brick), 1626 Columbia
Piazza, Julius (Stone), 1514 Logan
Redman, Lloyd (Brick), 1812 Hancock
Sale, C. R. (Brick), 2438 Hemlock
Schmitt, J. C. (Brick), 1109 Goss av
Schoenmann, Michael (Brick), 840 E Madison

Schweizer, Constance (Stone), 711 E Jacob av
Seigel, Jacob (Brick), 2719 St. Xavier
Shanks, W. L. (Brick), 1542 20th
Small, Jesse (Brick), Ky., c 34th
Smith, F. W. (Stone), Melrose av nr Baxter av
Smith, T. R. (Brick), 2101 1st
Stout, J. L. (Brick), 2404 W Jefferson
Thameling, Henry (Brick), 2343 Grayson
Vaughn, Sanford (Brick), Chestnut ner 43d
Wenzel, W. J. (Brick), 3013 W Madison al
Yantz, C. A. (Brick), 1014 Charles
LUDLOW—Armstrong, Sylvester (Stone)
Broderick, Jas. (Stone)
Flach, Theo. (Brick)
Huggins, Eli (Stone)
Lucky & Wiley (Brick)
Luyster, V. O. (Stone)
MAYSVILLE—Clinger, Geo. & Son (Brick)
Moran, Jno. (Stone)
Prather, Thos. (Brick)
Smith, Benj. T. (Stone)
MILLDALE—Rinder, Jos. F.
Scully, Peter E.
NEWPORT—Bertke, Herman J. (Stone), 412 Hodge
Fitzsimmons, Jas. H. (Stone), 12th & Brighton
Hardesty, H. W. (Brick), 1130 Central av
Jansen, Hubert (Stone), 329 Elm
McCann, Marion (Stone), 916 Monmouth
McCann, Montgomery (Stone), 725 Ann
Maynard, Jos. W. & Co. (Brick), 220 W 4th
Schriver, Chas. & Bro. (Brick), 824 Monmouth
Sexton, Patrick W. (Stone), 218 W 9th
Siedenberg, Jno. H. (Stone), 79 McCracken av
Stauder, Wm. J. (Brick), York & Southgate
Thompson, E. J. (Brick), 713 Columbia
Thompson, O. G. (Brick), 522 Overton
OWENSBORO—Badger & Welsh (Brick)
Branon, R. (Brick)
Theis, Philip (Brick)
PADUCAH—†Baldwin, Geo. W.
§Chamblin & Murray
Hymarsh, A.
§Kattirjohn, F. W.
Morris, Thos. F. (Brick)
RICHMOND—Harris & Rice
SHELBYVILLE—Brown, Jno. (Brick)
Burgess, J. M. (Stone)
Harris, Jno. (Brick)
Lenks, Frank (Stone)

LOUISIANA.

BATON ROUGE—§Allen, E. J. (Brick)
§Allen, H. J. & Co. (Brick)
§Potts, James (Brick)
MONROE—§Davis, I. C.
NEW IBERIA—Guillot, Eugene
Taylor, J. W.
NEW ORLEANS—Andrus, W. E., 5517 Chestnut
Burns, H. P., 2039 Cleveland
†Carey, W. T. & Bro. (General), 630 Camp
Chisholm, John B., 223 S White
Cobb's, C. C., 821 Howard av
†Darcantel & Disselliss (General) 204 Carondelet
Diasselliss, J. L., Hennen bldg
Donahue, Thos., 1731 Euterpe
Gilmartin, Patrick, 1037 Magazine
*Kelly, Jno. M., 321 Carondelet
†McNally, John (General), 316 Baronne
†Muir & Fromberz (General), 2125 Calliope
Nelson, H. C., 8221 Burthe
Noullet, F. A., 2325 Rousseau
Plattsmeir, Jas. J., 635 Commercial pl
*Remington Construction Co. (Large & Heavy Buildings a Specialty), Hennen bldg
†Toledano & Wogan, 830 Canal
*Ward, Robert B., 840 Union
SHREVEPORT—†Bixler, F. L.
†Bushy, J. L.
†Rudy, I. J.
†Rudy, M. S.

MAINE.

AUBURN—Cushman, Geo. W., 18 Josslyn
Driscoll, J. M., 10 Mechanics' Row
Josslyn, Fred. E., 18 Granite
§McKenney, Thos. M., 19 Cook
§McKenney, Wm. A., 78 9th
Marshall, Wm. T. (Stone), 11 Granite
§Rendall, D. H., 146 Turner
Ricker, Henry, Jr., 307 Main
Ross, Reuben A., 153 Whitney
Thorne, T. D., 193 Cook
Turner, E. Y. (Stone), 41 Main
§Whitehouse Bros., 88 Western av
AUGUSTA—Farnham, Thos., 21 School
*Howard, J. E. (Large), 95 Green
Jewett & Hanson
*Nichols, J. Manley, 29 Centre
Packard, Robt. A. (Stone), 27 Patterson
†Smith & Clark (Brick & Stone), P. O. box 7
Withee, A. Z., Sidney rd
BANGOR—*Bachelder, Geo. M., French
*Flanders, John W., 9 Prentiss
Grady, Jno., First st
*Robinson, Lewis
†Sawyer, Wm. N., Frank st.
§Washburn & Flanders, Park st
BELFAST—Bickneli, S. G.
Hoag, Frank
Wood, Jas.
BIDDEFORD—Benson, Chas. A. (Brick)
Benson, Frank (Brick)
Cobb, Fred. B.
Kimball, N. E. (Brick)
Proctor & Benson
BRUNSWICK—Cobb, Hiram B.
Hacker, E. S. & Son
CALAIS—Crosby, H. A. & Son
Davidson, O.
Hartford, S.
Walker, Robt.
Winchell, Jas.
Woodbury, Oscar
CAMDEN—Giles, W. S. (Brick and Stone)
EASTPORT—Gilligan, Albert P.
Hamilton, Chas. S.
McLellan, Jas.
Varney, Chas. H.
Varney, Freeman S.
FAIRFIELD—*Brown, John E.
GARDINER—Berry, Edw. W.
Chase, J. P. (Stone)
Dill, Frank W.
Dill, W. R.
HALLOWELL—Haines, L. M.
Howard, C. W.
LEWISTON—Bearce & Clifford Construction Co., 244 Main
Dixon, Benson M., 35 Sabbatus
Gardner, Alenon J., 82 Pierce
Lane, Geo. W. & Co. (Large), 82 Pierce
Lemieux, Chas., 18 Pettingill
Libley, W. A. & Co., 171 Lisbon
Murphy, Michael A., 260 Webster
Roy, Elie (Stone), 94 Chestnut
Thomas, S. D., 150 Sabbatus
Thornton, Fred., 34 College
LISBON—Atwood, H. C.
PITTSFIELD—Noble, C. S. & Son
PORTLAND—Benner, J. W. Co., 95 Clark
Benson, C. M., 131 Portland
*Blackstone & Smith, 185 Middle
Blanchard, Geo. H., 7 Florence
Carle, Fred'k K., 18 Westcott
Della Torre, Norman A., 847 Forest av
Doughty, Albert J., 29 Marriner
Dunscombe, Wm. J., 182 Clark
Garsoe Bros., 43 Summit
Harmon, John E., 273 Middle
Harmon, Sylvanus 238 Brackett
Higgins, A. W., 19 Preble
Jordan, J. Q. A., 803 Highland av
*Joy, Samuel W., Joy pl
Libby, Edw. B., 419 Allen av
Lorello, Angelo (Stone), 107 Stevens av
Marland, Geo. A., 54 Lafayette
Parker, Herbert C., 376 Westbrook
Randall, J. S., 221 B
*Redlon, N. E. Co., 226 Federal
Rickett Bros., Ocean, K
Sawyer, W. A., 43 Myrtle av, S. P.
*Tibbetts & Smart, 3 Best
Turner, Geo. E., 1471 Wash'n av
Watts, J. M. & Sons, 231 York
Westcott, J. P., 11 Westcott
ROCKLAND—*Crockett, Charles, Broad
*Crockett, George, Purchase
Glover, W. H. Co.
Spear, Everett L.
SACO—Bradbury, Edw. R.
Bradon, P. S.
Robbins, Albion
Tounge, Harry G.
Weymouth, Frank E.
SANFORD—Brown, George (Bricklayer)
Flanders, John C., Springvale
Frye, D. M., Springvale
Philpot, W. J. (Bricklayer)
WATERVILLE—*Bushey, Levi & Co. (Stone)
*Flood & Proctor
*Foster, M. C. & Son
*Proctor & Bowie Co. (Also Brick Mfrs.)
*Purinton, H. & Co. (Also Brick Mfrs.)

MARYLAND.

BALTIMORE—*Allen, Wm. J. B., 926 Milton
Amey, Wm., 1322 Sargeant pl
Anders, Ellsworth M., 1528 Friendsbury pl
Anders, John E., 1148 N Carey
*Armacost, J. M., 1825 Wilkens av
*Armstrong, Jas. E., 112 S Gilmor
Arnold, Henry E., 1543 Clifton
Austin, Wm. F., 2129 Montrose
Bamberger, Jos. C., 1316 Greenmount av
Bargar & Bro., 15 Clay
Barnard, Jno. R., 1600 N Calvert
Barnard, Randolph, 909 Myrtle av
Battee, J. R., 1213 High al
Bennet, B. F., 123 S Howard
Bennett, Rufus & Son, 12 P. O. av
Bishop, Robt. F., 1814 McHenry
*Blaney, John T., 1713 W Lafayette av
Boone, R. C., 12 North
Borum, Wm. D., 2026 N Payson
Brady, Edw., Jr., 532 St. Paul
Brady, Jno. P., 517 E 22d N
Brady & Walters, 532 St. Paul
Breitenbach, Martin, 2305 Fairmount av
Brooks, Chas. H., 523 N Monroe
Brosnahan, Edw. F., 1432 N Fulton av
Brown & Hildebrand, 268 E Fayette
Bunnecke, Geo. & Son, 305 St. Paul
*Burke, Jos. F., 1128 N Gilmor
Calloway, Frank H., Garrison av, Forest Park
*Carle, Geo. P., 2225 Mary Anna
*Carneal, Geo. T., 1019 N Stricker
*Cassell, Wm. G., 2338 Madison av
Childress, Charles H., 512 Oliver pl
Collett, D. S., 1816 Clifton av
Coney, Wm., 601 Roland av ext
Crafton, R. F., 2013 Hargrove pl
*Cross, John W., 329 N Fulton av
Crowther, Isaac W., 537 Falls road
*Dashiells, N. & Son, 700 S Wolfe
Decker, F. & Son, 1209 E Biddle
Dedio, Chas. F., 1920 Ashland av, E
*Demuth, John H., 946 W Franklin
Demuth, Wm. J., 1008 Milton pl
*Ellis, Edwd. D., 2227 E Fayette
Faithful, Edwd. J., 811 N Gilmor
Ferguson, Wm. & Bro., 214 Clay
Fleet, Washington F., 1029 N Carey
Fogler, Geo. L., 671 Columbia av
*Foos, J. S., 2406 N Calvert
*Foos, Louis C., 929 Hopkins av, E
Fowler, Henry C., 1024 E North av
*Fuller, Geo. A. Co. (Large), 612 N Calvert
*Galloway, W. G., 1809 N Bond
Geddes, Jas. A., 2 St Paul
*Griffin, Israel, Bldrs.' Ex.
*Gross, Christian, 1839 Fkd av
Hakesly, C. B. & Bros., 1212 N Gay
Hale, Edmund W., 1302 N Mount
Hampson, Wm. W., 2001 Druid Hill av
Harris, John, 111 Roseland av
*Hiltz, Jno. & Son, 3 Clay
*Hoffacker, M. L., 2027 E Biddle
Hook, Jno. A., 1006 N Arlington av
*Hufnagel, John G., 302 S Clinton
Hustedt, Hy, 2412 Canton av
Johnson, Wm., 1525 Clifton av
Joynes, Wm. O., 710 S Luzerne
Keirle, Wm. T., 1626 Mosher
Knell, Andrew, Jr., 215 St. Paul
Knight, John J. & Son, 106 Clay
Locke, Thos. F., 1827 W North av
Lowensen, Aug. W., 1921 Gough
*McCammon, Thos. S., 1739 W Lanvale
*McCauley, W. E., 1416 E Biddle
McClure, Wm. G., 1047 Aisquith
McCulloh, H. L., 10 North
McMahon, Jno. T., 877 W Fayette
MacLellan, H. H., Law bldg
Maas, Henry L., 954 Aisquith
Mahone, Levin S., 2203 Ruskin av
Marley, Jas. R., 929 N Mount
Marshall, Geo. W., 803 N B'way
*Miller Bros., 1408 N 1st E
Miller, John A., 1408 N 1st E
Minor, B. W. & E., 3 N Sharp
Morris, Jas. H., 1308 Gough
*Morrow Bros., 212 Clay
*Morrow, Henry G., 251 N Luzerne
Mueller, Geo. A., 24 S Wash'n
Parks, Malachi, 1270 Columbia av
Parlett, Wm. O., 1210 N Stricker
Parr, Nicholas, 1812 Hopkins av
Plaenker, Fred'k, 1641 E North av
Poole, Dan'l C., 517 S Fremont av
Preston, Edw. D., 22 Bldrs Ex
Price, Chas. A., 519 W Franklin
Rahning, Aug. F., 1717 Lorman
Rahning, Chas. W., 554 Union
Reese, Wm. T., 1432 Presstman

*Reynolds, John W., 1831 Edmondson av
Richards, John J., 411 S Poppleton
*Richardson, Francis M., 312 S Gilmor
Ridinger, John T., 519 W Franklin
*Robinson, John G., 1004 Ridgely
Rosenberger, Jos., 1612 E Lanvale
Sauerwein, F. D., 20 E 21st N
Schleier, John P., 347 Bontalou
*Smith, Henry & Sons, 116 S Register
Snyder, Henry, 2663 W North av
*Stanfield, Thos. B. & Son, 109 Clay
Staylor, Alonzo A., 1250 Riverside av
Stevens, Jos., 1622 Federal
STEWART, JAS. & CO. (Large), 319 N Charles
Stone, John P., 44 E Henrietta
Swearer, Wm., 2202 E Hoffman
Taylor, Edw. C., 1920 E Chase
Trainor, Geo. H., 6 S Washington
*Walsh, J. J. & Son, 1525 Md. av
Walsh, John H. & Bro., 406 S Charles
Walstrum, Geo. W., 1243 E Lex.
Warner, Rich'd J., 1708 N Mount
Wartman, Chas. M., 328 25th N
Waters, John, 23 E Centre
*Watts, Christopher C., 113 W Hamilton
Watts, Nath'l, 721 Gorsuch av
Wellener, Wm. C., 1908 Cromwell N
*Winder, L. A., 761 W Saratoga
Zahrendt, John H., 915 W Mulberry
Zoeller, Francis V., 657 W Lee

CAMBRIDGE—Bannock & Rogers
CUMBERLAND—*Graft, Andrew (Brick)
*Kean, Geo. (Stone), Green
*Lippold, John (Stone), Green
Mert, Kean (Brick), Green
Miller, Urban (Stone)
*Ryland & Scott (Brick)
FREDERICK—Burk, Jos.
Hengelhimer, Jno.
James, Joshia
James, Wm. H.
McPhoehus, J.
Shook, L. A.
SALISBURY—Bownds, W. J. (Brick)
Crew, A. W. (Plasterer)
*Slemmons, T. M.
Taylor, Robert (Brick)
Vincent, L. (Brick)

MASSACHUSETTS.

ABINGTON—Bennett, C. A.
Ford, Fred M. N.
ADAMS—Barrett, Patk. J., 74 Park
Fuller, Geo. W.
Hughes, John J., 8 Burt
Waters, F. M.
Wheelock, F. L.
AMESBURY—Bean & Son, H. H.
Clarke, Wm.
Elkins, Geo. H.
Smith & Maney
Titcomb, Chas. W.
AMHERST—Alkins, G. E.
Blodgett, David W.
Brainard, John L.
Currier, Daniel
ANDOVER—Dodge, Frank E.
Donovan, Jno.
Gleason, M. V.
ARLINGTON—Bacon, Arthur L.
Cotton, A. Eugene
Kelley, Michael
White, G. W. (Stone)
ATHOL—Collins, Dennis
Gleason, Frank W.
Goddard, C. L. (Stone)
ATTLEBORO—*Bowen, C. L.
*Dexter, E. O.
*Eden, John
Fales, Wm.
Horn, Jno.
Tucker, Almon H.
AUBURNDALE—Cunningham, P., Stamford nr Pine
De Lacy, J. A., Bourne n Auburn
Edmunds, Edw.
*Hanf, H.
Schribner, W. E., Lexington
AYER—Spaulding, Justin
Wheeler, Abner
BEVERLY—Crosby, Foreman A., 16 Judson
Crosby & Cann, 33 Prospect
Derby, C. B. & Co., 7 Railroad av
Fitzgibbons, Thos., 40 Abbott
Fowler, John C., 157 Rantoul
Grant, Benj., 36 Beckford
McSweeney & Cahill, 5 Prospect
Morse, Jno. P., 48 Besson
Ober, Andw M., 17 Union
Ober, Theo., Odell av
Upton, E. A., 71 Essex
Williams, Augustus, 18 Federal
Williams, Jos. H., 132 Rantoul
BEVERLY FARMS—Connolly Bros. (Stone)
Linnahan, Dan'l & Son (Stone)
Twiss, C. A.
BILLERICA—Hall, Geo.
King, Wm.
BOSTON—Alberthaw Cons. Co., 8 Beacon
Barstow's, A. C. Sons, E 1st ft I.
*Baxter, Chas. W., 32 Bedford
Bennett, E. A., 1403 Dorchester av
Bishop, J. W. Co. (Large), 683 Atlantic av
Black, John A., 31 Garden
Blaisdell, Geo S., 80 Minot, Nep.
*Boston Construction Co., 16 State
Boyle, J. M. & Co., 194 Brighton av
Brackett, G. A. & S. W. Co., 59 Warren, Roxb
*Brennan, Stephen, Tremont bldg
Brown, Cyrus R., 178 Shawmut av
Brown, J. Henry, 170 Main
Brown, Wm., 4 Silver
*Bruty, Jno. W., 7 Water
*Clark, W. L. & Co., 17 Milk
*Cohurn, F. G. & Co., Tremont bldg
*Colson, Jas. A. & Son (Large), 46 High
Cole, C. W., 38 Harvard
Commonwealth Construction Co., 7 Water
Connery, David, 47 River
*Connerey & Wentworth, 30 Pemberton sq
Coon, John J. & Co., 46 N Market
Corbett, Thos., 1652 Washington
Cox, W. B., 226 Pleasant
Cram, Benj., Tremont bldg
*Crane, Wm., 7 Water
Crowley & Friend, 24 Wash.
Cummings, H. P. Co., 178 Devonshire
*Cutting, Geo. H. & Co.(Large), Tremont bldg
Davis, Geo. M. & Son, 17 State
*Dearhorn Bros. & Co., 220 Devonshire
*Dennett, Erastus & Son, 10 Chardon
*Dodge, Chas. A. & Co., 79 Milk
*Dodge, Chas. H. Construction Co., 163 Devonshire
Donovan & Co., 38 Winthrop-Chsn
*Dugad, Geo. R. & Co. (Stone), 166 Devonshire
*Edwards, Wm. C., 113 Devonshire
*Ellis & Puswell, 166 Devonshire
Evans, F., 277 Princeton, E. B.
*Fessenden & Libby Co., 34 School
Fosburgh, R. L. & Sons
Ganey & Burke, 4 Alden
Gately, M., 164 Boylston av
Geary, Wm., 69 W Dedham
*Gilbreth, Frank B., 176 Federal
*Gooch, Jos. L., 166 Devonshire
Greenwood, Jno. F., 1288 Dorch. av
Harris, Isaac C. & Co., 68 Devonshire
*Harvey, G. W., 17 Milk
Harvey & Hutchins, 65 Chestnut
Hennessey, Wm., 149 Sterling
*Herndon, P. H., 1353 Columbus av
Herndon Bros., 10 Ohio
*Hoyt, Wm. E., 75 W Canton
*Hussey, H. S., 47 Bennet
*Jacobs, David H. & Son, 166 Devonshire
*Jacobs, J. S. & Son, 53 State
Jenkins, Jos. W., 1502 Dorch. av
Johnson Bros., 166 Devonshire
*Jones, Arthur D., 76 Kingston
*Keening & Strout Bros., 166 Devonshire
Kennedy, Jno., 12 Province ct
*Keyes, W. H. & Co., 95 Milk
King, Chas. & Co., 95 Milk
Knowles, A. W., 33 Walter
*Lane, J. H., 63 Bartlett pl
Laplante, Frank, 433 Dudley
Linehan, F. J. & Co., 195 W 5th
Litchfield, E. M., 127 W Brookline
Lomhard, J. H., 87 Warren, Rox
*Lord Bros., 40 State
*Lyons, Thos. J., 166 Devonshire
*McArdle, Jas. W. (Boiler Setting), 95 Milk
McCarthy, John & Sons, 3 Medford ct
*McCoy, James E., 166 Devonshire
McGrath, Wm. & Son, 94 Carbet
McIntosh, Allan, 166 Devonshire
*McLaughlin, H., 482 Tremont
*McMurtry, Alex. & Sons, 10 Shepard Br
MacDonald, Angus, 95 Milk
Mack, J. J. & T. F., 95 Smith
*Mack & Moore (Large), 22 Chapman pl
*Macomber, Geo. B. H. & Co. (Large), 26 State
*Malone, Bernard, Corey rd, Br.
Mansfield, S. W., 25 Harvard
Marr & Waterman, 131 Devonshire
Marston Bros., 3 Ivanhoe
*Marston, L. K., 22 Catawha, Rox
*Mead, Chas. H., 39 Court
Merritt & Jarvis, 12 Marshall
*Miller, M. S. & G. N., 166 Devonshire
*Morrill & Whiton Construction Co., 35 Federal
Morrison & Ramsdell, 11 Province ct
Morton Bros., 39 Selwyn
Murray, Edward, 4 Stoddard
*Neal, Prehle & Co., 166 Devonshire
N. E. Masonry Co., 8 Oliver
Oliver, Walter I., 131 Harrison av
*Orne & Lawrence, 17 State
***NORCROSS BROS. CO. (Large),** Tremont bldg. (See adv. index, end of book)
*Page, G. & J. W., 213 Pleasant
Palmer, Drew & Co., 148 Franklin
Park, Frank E., 922 E Broadway
Parsons, O. E., 19 Bowker
Pettifer, Walter N., 1338 Dorchester av
*Pierce, Fred L. & Son, 827 Adams
*Pierce, Fred L. & Son, 827 Adams Dor.
Poggi, John & Son, 137 W Brookline
*Pray, Wm., 166 Devonshire
*Rand, David L., 166 Devonshire
Ringer, F. E., 477 Cambridge, Alls.
*Root, W. A. & H. A., 166 Devonshire
Rounds, W. J., 75 Joy
*Rutan, Wm. L., 71 Wareham
*Sampson, Walter S., 852 E 4th
Sawyer, J. E., 55 Cliff
*Sayward, Wm. H., 166 Devonshire
Smith, E. M. & Son, 166 Devonshire
*Smith, James, 166 Devonshire
Smith & Swift, 4272 Wash. Ros.
*Soule, L. P. & Son, 166 Devonshire
Stearns, W. A., 91 Northampton
*Stoddard, Elliott & Son, 28 Bromfield
Sullivan, J. H., Lake, c Commonwealth av
Sutherland, John S. & Co., 95 Milk
Sylvester & Cooper, 7 Exch pl
Tarbox, H. E., Main & Green
Tate, Wm., 108 W Cedar
*Thompson-Starrett Co. (General Building Construction), 141 Milk
Varnerin Bros., 215 M
Vinal, J. M., 483 Tremont
Walsh Bros., 12 Province ct
Weaver, G. E. & Co., 48 Milton av
Wells, T. B. & Co., 62 Joy
Wentworth, Geo. H., 39 Oakland, Br
Weston, W. S., 179 Summer
*Whidden & Co., 43 Milk
White, John, 120 Emerson
Whitehouse, F. N., 107 Morris
Wiley, Robert R., 12 Solely, Chsn.
*Willcut, L. D. & Son (Large), 166 Devonshire
Wood, John F., 196 Putnam, E. B.
*Woodbury & Leighton (Large), 166 Devonshire
Woodside, F. N., 2760 Wash.
BRADFORD—Locke, Chas. G.
Watson, John
BRAINTREE—Allen, Wm. B., E. B.
Custance & Simpson, S. B.
Glover, J., E. B.
Monoghan, Paul, S. B
Whitmarsh, F. O., E. B.
BRIDGEWATER—Burgess, B. F.
Egan, Jno
Johnson, Jas.
McFadden, H. B. (Stone)
McNeeland Bros.
*Waterman, Walter
White, Robert
BROCKTON—Anderson, Chas. E., 68 Hillside av, Cam.
Arnold Bros., 34 Myrtle
Baldwin, Geo. (Stone), 744 Montello
Blanchard Bros., 25 Dover
Cassidy, Jno., 57 Perkins
Cribben, Jno. (Stone), 16 Roan ct
Eldred, Davis R., 236 N Warren av
Hayward, Zina, 131 Clifton av, Cam.
*Howard, George (Large), 57 Forest av
Jackson, Willard E. (Stones), 560 Sumner
Long, M. D., 73 N Warren av
McDonald, Hugh, 133 Lawrence
Maine, L. A., 20 Myrtle
Powers, Jas. (Stone), 17 Otto
Sample, David S. (Stone), 23 Addison av
Sampson, E. T., 140 Walnut
Strauss, Wm. E. (Stone), 122 Arthur
Sylvester, C. H., 1170 Warren av
Welch, P., 163 Market, Cam.
BROOKFIELD—Johnson, Chas. P.
Mason, H.
BROOKLINE—*Cook, John, 135 Wash'n
*Driscoll, Dennis (Stone), 21 Kent
Driscoll, James, 82 Wash'n
*James, Horace, 174 Wash'n
Johnson Bros. (Brick & Stone), 221 Wash'n
*King, Chas. & Co. (Brick & Stone), 180 Wash'n

CAMBRIDGE—Bergin, K., 154 Armory
Brosnehan, Jno. F., 32 Locke
Byrne, Jno. B., 228 Main
Chapin, Andrew, 33 Fairmount
*Connell, Jas., 133 Webster av
*Delaney, J., 41 Winthrop
Donovan, D. F. & Co., 277 Portland
Greenleaf, A. P., 404 Mass. av
Greenleaf, O. P., 542 Mass. av
*Harrington & Howell, 14 Parker
Heron, Wm. J. & Co., 632 Mass. av
Larose, Maurice, 11 Brookford
Leahy, Thos. & Son, 6 Antrim
*McCoy, Wm. J., 9 Walnut ct
*McCoy, Wm. J., Jr., 85 Holworthy
*McDonald, Jno. & Son, 351 Western av
*McGahey, Henry, 218 Main
Mahoney, Wm., 92 Spring
O'Reilly, F. J., 9 Saville
Parrault, Peter, Yorktown, N. C.
Quinn, Jas. (Stone), 26 Locke
*Reed, S. M. & Co., 19 Palmer
Riley, C. J., 11 Winter
Ryan, James J., 232 B'way
Ryan, Thomas, 17 Clary
Sullivan, Jer., 73 Howard
*White, Fred. O., 8 Howard

CANTON—Crimmins, D.
Cushman, Hosea L.
Haley, Wm. F.
Moore, Lawrence
O'Connell, William
Sawyer, F. J.

CHELSEA—Brown, Israel C., 516 Spruce
Christie, Wm., 70 Clark av
Ford, John, 315 Webster av
Grover, Wm. D., 222 Cherry
Haskell, J. C., 112 Orange
Hauf, H. S., 12½ Essex
Jackson, Robt., Marginal
McIntire, A. S. & Co., 90 Division
Strout, E. E., Orange c Carter
Strout, E. G., 159 Chestnut
*Webster, Dixon & Co., 234 B'way

CHICOPEE—Canty, Dennis G., 12 School
Fontaine, Maurice, 16 Erline, Willimansett
Hickey, Michael, 242 School
McLane, M. J., 29 Abbey
O'Rourke, Patrick, 18 West

CHICOPEE FALLS—Low, Wm., 36 East
Sullivan, Jno. D., 96 Sheridan

CLINTON—Barnard, G. A., 953 Main
Cannon, W. F. (Brick), 7 Myrtle
French, G. P., 45 East
Noonan, Jas., 228 Oak

CONCORD—Benjamin, Cyrus W.
Comeau, E. A.
Conners, Wm.
Grimes, Gilbert
Hopkins, Jno.
McWalter, Patrick
Mansfield, Patrick

DANVERS—Aiken, Chas. F., Pillsbury av n School
Blanchard, Clarence E.
Gilliland, Edw. (Stone)
Graves, Jno. C. (Stone)
McDonald, Frank (Stone)
McKinnon, Chas. (Stone)
Marshall, Alfred O. (Stone)
Scott, Jno. (Stone)
Smith, A. S. (Brick)
Webb, Arthur
Webb, Ernest

DEDHAM—Alexander, H., Walnut Hill
Fales, W. A.
Gould, Wm. B., Walnut Hill
Phipps, Hy. A.

DUDLEY—Hall, G. F.

EAST BRIDGEWATER—Brett, R. Tyler
Feeney, Jno. M.
Whiting, John M.

EASTHAMPTON—*Coleman, Wm. W.
Coyle, Bartley & Son
O'Brien, P.

EAST WEYMOUTH—Caine, Stephen
Everett, B. H.
Farrell, Jno.
King, Thos.
Pratt, Gustavus M.

EVERETT—Anderson, Erick, 39 Paris
Card, W. A., 4 Hatch
Driscoll, J. F., B'way c Morris
Gramstorff, Christian H., 53 Belmont
Hausen, Fred, 240 Main
Kerwin, Thos., 88 Irving
Neale, H. J., 15 Villa av
Pray, Wm., Locust Park
Thompson, George, 99 Cleveland av

FAIRHAVEN—Dodge, Z. W.
Pardee, Lewis O.

FALL RIVER—*Beattie & Cornell (Large), 33 N Quarry
*Beattie & Wilcox (Large), 840 Bedford
Beesley, Julian, W. R., 561 Birch
*Benoit, Samuel, 257 Flint
*Benoit, Timothee, 538 Alden
Brownell, H. C., 94 Turner
Caron, Zephirin, 153 Barnes
*Corrigan, Pat'k, 178 Morgan
Cote, Fabien, 74 Norwood
*Crowe, John (Large), 78 Bedford
*Cunningham, Edward, 288 Tremont
Dacey & McIsaac, 375 3d
Dinnie, John, 23 Rodman
Dixon, Geo., 379 Linden
Donnelly, Jas. A., 225 Bedford
*Gifford, E. L., 2 Grove
Giroux, Emile, 42 Arizona
Hughes, Jas. A., 60 Davis av
*Hughes, John P., 139 Thomas
Leclair, Chas., 1246 S Main
McNally, Michael, 279 Pitman
*Manley, Wm., 108 Cherry
Nannery, Jos., 163 Lindon
*Nicholson, Robt. & Son, 423 2d
Ouellette, Wilfrid, 1530 Pleasant
Parus, Alexandre, 956 Globe
*Sears, C. H. (Large), 389 2d
*Slade, E. C. (Large), 78 Bedford
*Snyder & Manchester, 118 Warren
*Wagner, J. O., 35 Winter

FITCHBURG—Couture, Z., 26 South
Cummings, Joseph, 31 Cedar
*Dunkason, Angus (Brick), 95 Pacific
Gilchrist, G. A., 17 Townsend
*Lawrence, S. S. & H. M. (Large), 26 Highland
Poisson, Jos., 48 Rockland
*Tift, H. L. (Brick), 3 Circle
*Wiley & Foss, c Central & Brook

FLORENCE—Laudy, Jno. (Stone)
Latham, W. P.
Swift, John A.
*Whalen & Chase

FOXBORO—Appleby, A. A.
Fisher, Albert
Walton, Thos. N.

FRANKLIN—Follansbee, James
McGuire, B.
Reardon & Greenwood

GARDNER—Coleman, Edw. P.
Favor, Milton M., 246 Cross
Ryan, M. J., 275 Pleasant, W
St. Hilaire, Napoleon, 166 Reagan, West G

GLOUCESTER—Higgins, Geo. E., 113 Prospect
*Jackman, Eli, 88 Eastern av
Lane, Geo. R., Jr., 4 Gee av
Lane, W. N., 133 Maplewood av
Marshall, Ben., 35 Granite
Powers, Edmund, 14 Harrison
Sleep Bros., 10 Sewall
Sleep, Sam'l T., 373 Wash'n
Sleep, Wm. J., 379 Wash'n

GREAT BARRINGTON—Kane, Patrick
Shaw, Edw. H., Van Deusen
Viola, John

GREENFIELD—*Bay State Construction Co
Merriam, George V.
Pray, Robt. E. & Co., 61 Wells
Riley, P. T.
Shaw, Charles S.

GREENWOOD—Gates, S. M. (Stone)

GROVELAND—Costello J.
Ford, George C.

HAVERHILL—Blake, J. P. & Son, 7 Bridge
*Brickett, Levi P., 19 Main
Dorsey, Thos., 49 5th av
Hanson, Stephen W.
*Kelly Bros., 6 Park
*Marshall Bros., 25 Temple
Noonan, Edw., 96 Cedar
*Roche, Jno. M., 18 West
Watson, Jno., 35 Warren, Bradford
Webster, Albert E., 1 Little River
Westcott & Shannon, 80 Howard

HOLBROOK—Forbes, W. T.
Sleeper, T. S.

HOLLISTON—French, G. M.
Leland, Henry

HOLYOKE—*Bosworth, G. L. & Co. (Stone), 120 Dwight
*Crafts, E. R. (Stone), 268 Northampton
*Davis, Frank A., 326 Hampden
Fortier, Alphonse (plasterer), 554 S Summer
*Landers, D. J. (Brick), 231 High
Mahoney, T. J. (Stone), 269 Park
Miner, Frank X. (Plasterer), 87 Park
Moriarity, John J. (Plasterer), 200 Hampden
*O'Connell's, Danl. Sons (Large), 188 Hampden
*Prew, Jno. J., 887 Main
Quinn, John (Plasterer), 309 Walnut
*Richard & Goddard (Large), 253 Oak

HUDSON—Allen, Adin B.
Collins, Michael (Stone)
Jenkins, Wm.
Jones, Edward
Noon, John (Stone)

HYDE PARK—*Corbett, J., 22 Eastern av
Greenlow, F. T., 9 Beacon
Hayes, Jas., 12 Eastern av
McGrath, Jas., 2 Garfield av
McKeen, H. E., Ralston rd
Mulcahey, M., 60 West
Pease, G. H., Walnut av
Robinson, W. G., 4 Station
Scott, Robt., Jr., 11 Dana av
Weston, W. S., 55 Central av

IPSWICH—Brockelback, Geo. H.
Lord, A. L.
Rollins, Chas. H.
Spencer, George

LAWRENCE—Call, Albro R., 86 Jackson
Chadburne, B. F., 55 Eutaw
Cole, Geo. M. & Co., 40 Chandler
*Daley, M. & Sons, 229 Chestnut
*Dorman, James, 116 Cross
Dube,, Chas., 90 Concord
*Hill, Byron, 21 Newberry
Joyce, Jas. H. & Thos. A., 44 Myrtle
*Keegan, John, 246 Oak
Locke, L. E., Hampshire c Essex
McNamara, Patk., 537 Common
Nowell, Silas K. & Sons, 19 B'way
*O'Brien & Driscoll, 399 S B'way
O'Mahoney, D. J. & Co., 151 Hampshire
*Peabody, E. A. & Son, 9 Franklin
Pike, Wm. N., 246 Essex
Pratt, E. G., 123 Franklin
Sheehy, Thos., 25 Phillips
Tobin, John, 458 Common
*Wagenbasch Bros., 193 Willow

LEE—Gamble, Charles

LENOX—*Clifford, Jas.
Fredinburgh, E.
Kilmer, Chas.
Welch, Garrett

LEOMINSTER—Blanchard, Willard D.
Dunn & Ingraham
Kittredge, F. M. & Co.
Spring, H. N.

LEXINGTON—Dacey, Patrick F.
Locke, Irving, E Lexington
Swan, Charles W.

LINDEN—(See Malden)

LOWELL—*Barton, Cyrus, 78 S Walker
Beharrel, Stephen W., 238 London
*Boisvert, J., 363 Hildreth
Brady, Patrick F., 173 Chapel
Burch, Jno., 24 S Clinton
*Coburn & Crosby, 354 Bridge
*Conlon, Patrick, 339 Concord
*Conners Bros. (Large)
Connolly, J. P., 174 Coburn
*Estabrook, Wm. H., 65 Tolman av
*Fay, Frank, 81 London
Fletcher, Hubbard F., 48 S Loring
*Foss, C. F. & Co., 40 Middlesex
Francis, John, 15 Oak
Fuller, Geo. B., 1526 Gorman
*Fuller, Wm. H., 408 Pine
Hands, Stephen W., 32 Humphrey
*Hartwell, Ira, 46 Varney
Heaton, Don J., 430 Hildreth
Jalbert, Jos., 100 4th av
*Kittridge, Horace V., 44 3d av
*Limburg, W. H. (Also Plasterers), 1128 Bridge
Lorraine, Wilfred, 35 Puffer
McCarthy, Jno. D., 576 Market
Moulton, John L., 27 Humphrey
O'Hearn, Patrick, 282 Riverside
Prescott, D. Moody, 324 Central
Pucell, John W., 123 Lake View av
Sargent, H. S., Andover
*Sargent, Wareham M., 151 Powell
Simpson, Jno. A., 67 Methuen
Slavin, James, 259 South
*Smith, Jas., 24 Branch
Snow, S. E., 16 Tilden
*Staples Bros., School n Gas Works
Sutherland & Taylor, 14 Pearl
Walker, Jas. H., Worthen c Fletcher
Walsh, Jas. P. & Co. (Also Plasterers), 166 Coburn

LYNN—Badger, Alfred J., 35 Magnolia
Besson, R. G. (Brick & Plaster), 13 Sewall
Chandler, Abraham, 3 Caldwell
*Crowley, John S. (Brick & Stone), 16 Carnes
*Davidson, Benj. H., 10 Central sq
Davidson, N. T. (Stone), 15 Commercial
*Dearborn Bros. & Co. (Large), 459 Union
Dearborn, Clinton F., 16 Andrew
*Dearborn, E. D. (Stone), 24 Elm
Higgins, Lawrence J., 59 Adams
Hurley, Thomas (Stone), 59 Exchange

Hyde, William E. (Stone), 32 Stickney
Lord, C. W., 30 Nahant pl
McLaughlin, Jno., 5 Beacon Hill
McLay, John, 211 Market
*Manning, Jas. E. Co. (Stone), 26 Beacon Hill av
Markee, O. J., 84 Norfolk av
Patten, Frederic H., 432 Eastern av
Perkins, J. A., 36 Mountain av
Phillips, W. L., 44 Lewis
Robinson, C. E., 358 Walnut
Simonds, S. Walter, 32 Crosby
Smith, A. F. (Chimney), 281 Summer
*Strout, E. E., 319 Union
*Vroom Bros., 9 Exchange
Witham, Chas. W., 11 Florence av

MALDEN—Carter, John (Brick), 233 Cross
Cast, Alfred, High
Dickson & Brice (Also Plasterers), 327 Main
*Hammond, Geo. C. (Brick & Plaster), 22 Commercial
*Howard, T. R. (Stone), 32 Pearl
Howlett, Robert, Central av, Lin.
Irving & Dewar (Also Plasterers), 75 Lyme,
Kendall, George, 92 Hancock
Kenney, Peter T. (Stone), 6 Rich
Lenehan Bros. (Stone), 175 Walnut
Lenehan, Edw. F. (Stone), 78 Harvard
Lucey, Jeremiah J. (Stone), 208 Main
McGovern, Thos. T. (Plasterer), 85 Madison
Manning, Wm. (Stone), 287 Lynn, L.
Merrill, Leonard J., 51 Harvard
Smith, George, 21 Auburn
Sullivan, John J., 13 Welsh
Tracy, Thomas, Charles c Russell
Twiss, Richard (Stone), Glendale av, Lin.

MANSFIELD—Applebee, George

MAPLEWOOD—Preston, Luther H. (Stone), 59 Cherry
Sargent, Geo. W. (Stone), 763 Salem

MARBLEHEAD—Cudihy, John, 25 Commercial
*Hayes, Maurice
McCloskey, Bernard, Atlantic n Chestnut
Peach, William
Powers, John F. (Stone), 14 Commercial
Smith, Lorenzo N., Lindsay st

MARLBORO—*Aldrich, J. I., 219 Lincoln
*Fahey, Patrick, 18 South
McGarry, Patrick, 28 West
*Wall, Thos. H., 136 Mechanic

MEDFORD—*Baxter, Chas. W., Mystic
Sullivan, C. P., 246 Park
*Vinal, M. C. (Brick), 49 Main
*White, Nicholas (Stone), Grand View av

MELROSE—Cahill, E. P. (Plasterer), 102 Cleveland
Duff, John, Winthrop pl, M. Highlands
*Hoffman, C. L. & Co., 44 Charles
*Lane Bros., 139 Grove
*Lux, Anthony, Jr., Laurel
Lynde, Wilbur A., 553 Lebanon
McMullen, John W., 39 Argyle
Queen Thomas, Mountain av

MERRIMAC—Chapman, William B.
Miles, Charles W.

METHUEN—Blake, Horace S.
Clossen, George A.
Duval, Nelson
Huse, A. W.
Moss, J. W.
*Nowell, Silas K.
Potvin, Louis
Plummer, George W.
Winn, N. P.

MIDDLEBORO—McCormick, J. F.
Roberts, H. J. (Brick)
Rounseville, Martin O. (Stone)
Washburn, John T. (Brick)

MILFORD—Emerson, S R.
Mowry, E. W.
Pickering, A. S.

MILLBURY—Boucher, Peter
Frazier, Samuel
Lareau, Peter
Sheehan, William

MILTON—Bates, Herbert W.

NANTUCKET—Appleton, J. S., Jr.
Brown, H. W.
Fisher, Henry L.
Francis, E. W.
Ring, John C.
Thomas, George E.
Williams, Arthur
Williams, Benjamin F.

NATICK—*Underwood Bros.

NEEDHAM—Brion, J. H.

NEW BEDFORD—*Brightman, Chas. O., 71 N Water
*Cook, D. Herbert, 45 Maitland
Greene, Marshall S., 233 Rivet
Hathaway, F. B., W Elm
*Jenny & Buffington (Large), 1 Crapo
McCrohan, Timothy, 28 Howard
Magnett, Benj. C., 24 Allen
*Mason, John L. G., 51 Foster
Miller & Hook, 21 Columbia
Nelson, George, 314 S 2d
Peirce, Martin L., 96 Newton
Shaw, B. Summer, 219 Chancery
Taber, Robert A., 101 Hillman
*Vinal, Fred'k H.
Wheaton, Nathan, 16 Spruce

NEWBURYPORT—Ballou, H. W., 21 Collins
Collins, Francis, 3 Allen
Greely, John A. & Co., 78 High
Kelleher, Jeremiah, 42 Oakland
Lunt, Jere B., 9 Bromfield
McCarthy, Timothy H., 28 Warren
Meader, Charles H., 34 Temple
Morrison, Rufus, 8 Vernon
O'Neill, Thomas F., 127 Merrimac
Pearson, Eugene A., 8½ Marlboro
Tappan, Edw., Jackson

NEWTON—Cavanaugh, Michael, Jr., 255 Adams
Freeman, Russell
Irving, Henry
McDonald, Mich'l J.
Mullen, Mich'l
O'Brien, P. H., 242 Adams
*Stuart, Timothy & Son Co., 222 Pearl

NEWTON CENTRE—Hooley, Wm. S., Boyston st
Hurley Bros.
Mahoney, Pat'k J.
Muldoon, Arthur

NEWTON HIGHLANDS—Cannan, Michael
Devine, Elbridge, Winchester
*Keating, J. P. (Stone), Dedham
O'Driscoll, Daniel, Walnut n Boylston
Sullivan, T. D. (Stone) 1229 Walnut

NEWTON UPPER FALLS—Cahill, James A. 1295 Boylston
Chesley, Walter (Stone), 984 Chestnut

NEWTONVILLE—Burnham, E. P.

NORTH ABINGTON—Damons, Joshua
Gowell, William

NORTH ADAMS—*Porter & Hannum
*Whitney Bros. (Large), Church
*Wood, H. C. & Co.

NORTHAMPTON—*Bailey, W. A., 70 N Elm
*Cook, F. M. & Sons (Stone), 59 Massasoit
Gleason, P. (Stone), opp N King
Lacey, W. E., Florence rd, Pine Grove
Lynch, Daniel, 155 Cescent
*Mather, John L. (Brick & Stone), 275 Elm
*Matthews, Avon C. (Brick)
*Powers, James A., 22 Aldrich
Smith, G. W., 64 Massasoit
Towhill, J. & Son (Brick & Stone), Hinckley n R. R. Bridge

NORTH ATTLEBORO—*Sullivan, John F.

NORWOOD—Gilling, J. J.
Smith, J. D. & Son
Spear & Smith

ORANGE—Barrows, Edgar L.,
Batchelder, George W.
Bigwood, Abraham
Brunell, Louis
Hamilton, Trafton
Spring, Abbott E.
Williams, A. L. (Stone)

PALMER—*Aikins, George M. & Co. (Masonry)
Crowley, Jeremiah
O'Connor, James P.
Thompson, William A.

PEABODY—*Bresnahan, Michael, 2d, 10 Parsons
*Porter, Edward H., 27 Lowell
*Quint, Nicholas M., 4 State
*Trask, I. Arthur, 14 Walnut
Walton, L. B., 10 Walnut

PEPPERELL—Bennett, John O.
Parker, Charles S.
Shattuck, B. W. (Stone)
Taylor, William P. (Stone)

PITTSFIELD—*Dodge & Devanny, 180 Columbus av
*Devanny & Son, 154 Madison av
*Dodge, James C., 128 North
*Foote, George W., 73 Bradford
*Foote & Jones, 260 Columbus av
*Hall & Dillon, 150 King
Hall & Son, Melville bldg, N.
*Halpine, Edw. P., Dalton av c Harvard
*Humphrey, Edw. L., 15 Stoddard av
*Markham, C. M., 172 1st
Otis, Philip, 59 Mill
*Turner, William H., 47 Lake
Vinon, Hypolite, 37 Kent av
Young, Paul (Stone), 253 River

PLYMOUTH—Harlow, George H.
Sampson, E. L.
Shaw, W. F.

PROVINCETOWN—*Fuller, James
Johnson, George F.

QUINCY—Gilcoin Bros. (Stone), 12 Quincy
*Harkin Bros. (Brick), 57 Goffe
Huston, C. B. (Brick), c Beale & Clay, Wallaston
Johanson, Johan (Stone), 23 Arthur
Kenn, Alex. (Stone), 12 Columbia, S. Q.
Klang, Laurentius, 6 Curtis
Maloney, S. N. (Stone), 30 Fayette, Wallaston
Menhinick, Edw., 10 S Walnut
Shea, Michael, 30 Bunker Hill av
*Shea, Wm. & Son (Stone), 12 Common, W. Q.
Souther, F. A., 9 Edson
Williams, Peter J., 5 Independence av, S. Q.

RANDOLPH—Daniels, Aaron O.
Lyons, Charles E.
McCarthy, Jeremiah
Woodman, S. B.

READING—Burgess, Robert P.
Canty, John
Doucett, Dominique (Stone)
Forbes, Edw. H. (Stone)
Muse, John (Stone)

REVERE—Fitzgerald, John
Fredericks, J. O., R. Beach
Goodridge, George H.
Litchfield, Wilbur F. S.
McGinnis, James.
Mitchell, Patrick (Brick), R. Beach
Patterson, Wm. H., 15 Pleasant
Segee, Girard T.
Weaver, Isaac (Brick), 28 R. Beach

ROCKLAND—Callaghan, Cornellus
Hanifan, Edward
Keene, N. A.
McGraith, M.

ROCKPORT—Giles, Thaddeus
Smith, William T.
Witham, Elbridge

ROXBURY—(See Boston)

SALEM—Balcomb, J. W. & C. B., 289 Bridge
Bowditch, Thomas, 6 Hardy
Cody, John, 36 Phillips
Cronan & Buckley, 77 Union
Dube, Joseph, 55 Pingree
Egell, Edw. M., 225 Derby
Flynn Michael H., 18 Turner
Foote, Miner A. S., 1 English
Grush, Michael, 48 Central
Hurd, William H., 29 Winthrop
Mack, J. J. & T. F., 291 Bridge
Merrill, Samuel S., 5½ Bridge
Osgood, Edw. F., 195 Federal
Parsons, J. M., 226 Essex
Patterson, William H., 11 Barr
Peterson, Jos. N. & V. S., 62 North
Sargent, Frank H., 19 Cromble
Welch, James & Co., 14 Bridge

SAUGUS—Fiske, E. W., Cliftondale
Nowell, Horace E., E S
Parsons, C. E., Cliftondale

SHARON—Morse, Stillman
Morse, Warren E.

SHEFFIELD—Manvel, R.

SOMERSET—Chase, Jos. T.
Sherman, Benj.

SOMERVILLE—Bowen, L. W., 14 B'way
Buckman, Davis P., 12 Vine
Burchess, J. M., 18 Sargent av
Buttimer, Frank, 30 Bond
Buttimer, Maurice, 351 Lowell
Darrah, Geo. A., 8 Temple
Davis, Fred'k, 247 Wash'n
Davis, Geo. M. & Son, 20 Arthur
Higgins, Byron E., 20 Richdale av
Hines, A. H., 9 Preston
Hinkley, J. A., 164 School
Horne, Emanuel, 59 Wash'n
Kilroy, Luke, 66 Dane
Kilroy, F. T., 64 Dane
Lacey, Pat'k, 63 Cherry
Lamburn, H. G., 23 Ashland
Lovering, J. P., 21 Bradley
McCarthy, Wm. J. & Co., 27 Bonair
Reed, Clarence G., 30 Forest
Ryan, Thos., 17 Clary
Sibley, A. M., 42 Oxford
Walsh, T. J., 37 Oak
Welsh, John, 51 Hanson

SOUTH BRAINTREE—(See Braintree)

SOUTH FRAMINGHAM—Haskell, C. P.
Reagan, Thomas
Swan, A. D.

SOUTH HADLEY FALLS—Britton, H. R.
L'Esperance, E. D.

SOUTH WEYMOUTH—Estes, Eli
Sprague, Owen

SPENCER—Cantara, Oliver T., Jr.
Stone, Legrand

SPRINGFIELD—Bartlett, Horace, 176 Walnut
Blanchard, Joseph & Son, 346 N. Main
*Blodgett, George H. (Large), 337 Central

*Cooley & Brennan (Brick & Stone), 120 Quincy
Curtis & Falvey, 77 Everett
Fountain, Octave, 44 Courtland
*Gregg, Wm. T., 162 Eastern av
*Hennessey Bros., 98 Alden
Howe, J. Frank, 76 Harvard
Kelley, J. I. & Son (Brick), 422 Walnut
King, Henry N., 230 Eastern av
*McKenzie, Wm. D. (Brick & Stone), 107 Taylor
*Maloney & Peterson, 78 Taylor
*Mellen, D. W. (Brick & Stone), 111 Dwight
*Morrissey & Shea (Large), 47 McKnight
Noel, Charles G., 100 Noel av
Owens, Edmund M., 25 Armory
Sanderson, John S (Large), 5 Madison av
STOCKBRIDGE—Doyle, Thomas F.
Weeks Bros.
STONEHAM—Kempton, A. J.
McCarty, John (Stone)
McDonald, Hollis M.
STOUGHTON—Hayes, James
Hayward, E. A.
Jones, Frank M.
Porter, U. S. & Son (Stone)
Reynolds, Dexter
SWAMPSCOTT—*Markee, O. J.
Porter, Wm. H.
Rowell, Chas.
TAPLEYVILLE—Gilliland, Edward
TAUNTON—*Briggs, Abram T. (Stone), 86 Winthrop
*Case, N. G.
Cole, E. W., 185 Highland
Deane, John (Stone), Plain n City Line
Fielding, Patrick, 6 Alger av
*Harmon & Hopkins, 28 Main (Brick & Stone)
Horton, Horace B., 17 South
Judge, James D., 13 Grove
O'Connell, D. J., 172 Middleboro av
*Pierce, Herbert N., 28 Court
Pierce, Simon A., 94 Somerset av
Reed, Walter, 90 High
Staples, Geo. A., 249 Somerset av
TURNER'S FALLS—Thomas, Jas. H.
WAKEFIELD—Burnham, J. D.
Greaney, Dennis
Greaney, Jere.
Morgan, Hugh
Moulton, William J.
Wiley, J. B.
WALNUT HILL—Alexander H.
Gould, William B.
WALTHAM—Bryson, J. W., Massasoit
Burke, James E., Exchange pl
Delaney, Michael, 16 Cutter
Halleran, Thos. J., 87 Harvard
*Lally, John, Massasoit n Railroad Crossing
*Malloy, P. & Son, 87 Bacon
O'Malley, P. J., Massasoit st
Stankard, John F., Pont st, ct.
Stankard, John J., 73 Lexington
Tolman, John E., 298 Moody
*Whelan, P. J., 15 Calvary
WARE—*Cummings, H. P. Co. (Large)
Hills, C. F.
WARREN—McIntyre, R. G.
Price, Edw.
WATERTOWN—Cummings, Chas. W.
Fitzgerald, Thomas
Halloran, Michael
McLaughlin, Thomas
WEBSTER—Fountain, Joseph
Hall, George
Ryan, Dennis
Woodel, Fred J.
WESTFIELD—Cosby & Gilmore, 80 W Silver
*Hildreth, Ezra T., 19 Holland av
*Little, Thos., 62 Franklin
*Mahoney, P. J., Orange st.
WEST MEDWAY—Richardson, John
Videtto, ——
WEST NEWTON—*Colter, Jeremiah & Sons
Gannon Bros., 125 River (Stone)
*Gannon, T. F., River st c Alden pl
Page, John A.
WEST SPRINGFIELD—Meade, Wm. G.
Provost, Clifford, Merrick
Provost, Sam'l, Merrick
*Scully, Jer. S.
WEST QUINCY—(See Quincy)
WEYMOUTH—Blanchard, M. A.
Everett, B. H.
Hale, H. H.
Turner, Waldo
WHITINSVILLE—Bellington, Enoch
Blanchard, George M.
Taft, George M.
WHITMAN—Black, Paul
McLoughlin, A.
Peterson, Andrew H.
WILLIAMSTOWN—Daniels, Albert J.
Guilbeau, Jos.
Moody, Willard
Noel, Edw.
Noel, Fred A.
Noel, Moses P.
Walden, Joseph H.
WINCHENDON—Fitzgerald, Wm.
Hatch, Emanuel
Hildreth, W. P.
King, Wm. (Stone)
Martin, W. H.
WINCHESTER—Carroll, M. W.
Fitzgerald, James
Quigley, Thos. (Stone)
Sullivan, Timothy
WINTHROP—Belcher, M. Austin
*Burrill, Ellsworth
Roberts, H.
Wollcott, F. A.
WOBURN—*Carroll, M. W., 76 Main
*Ellis, Jacob M.
Osborne, J. E., 718 Main
Skinner, John J., 32 Montvale av
WOLLASTON—Faunce, Ichabod
Faunce, Q. A.
Howe, J.
WORCESTER—*Barrett, Thos., 41 Wellington
*Battelle, Geo. S. (Stone), 31 Russell
*Beaudette, W. A., 8 Norwich
Bennett, J., 1 Orchard
*Bishop, J. W. Co. (Large), 107 Foster
Bradford, J. B., 7 Dewey
Bryant, John E., 539 Pleasant
Coffey, Wm. E., 3 Wall
*Colby, R. W., 47 Lake
*Cooper, Chas. M., 14 Crystal
Cote, Napoleon, 142 Bloomingdale
*Cutting, George H. & Co. (Large), 11
*Delano, John, 1 Lowell
*Ellinwood, D. W., 10 Winslow
*Esterbrook, Theo. L., 3 Dewey
Faubert, Jules L., 144 Bloomingdale
*Faucher Bros., 16 Cutler
Germain, J. J., 7 Lyman
*Girouard, J. E., 1 Sylvan
*Hewitt, Elmer (Stone), 433 Park av
*Houck, Geo. W., 8 Townsend
*Howard, S. I., 63 Main
*Kennedy, Michael, 29 Endicott
Kenney, Chas. A., 15 Lodi
Kenney, Michael (Stone), 315 Cambridge
Kenney, Peter F. (Stone), 13 Clinton
*Kimball, Samuel H. & Son, 518 Main
Lamoureux, Amedee, Avon av n Stafford
Loftus, John, 71 Suffolk
Luce, Edw. M., 17 Mason
*Luce, Frank H., 398 Park av
Mark, F. W., 518 Main
*Mellen, Henry & Son, 41 Queen
*Miles, James & Son, 17 Merrick
Morrison, Francis M., 28 Vernon
*Murray, Duncan, 14 Gardner
***NORCROSS BROS. CO. (Large),** (See adv. index, end of book)
Pellett, Thos. A., 73 Wellington
*Pickford, Jno. H., 439 Park av
Robertson, W. A. (Stone), Pleasant n Chandler
Rydberg, Jno. P., 4 Esther
*Skelhorne, Jno., 20 Bancroft
Stearns, L. E., 15 Valley
*Waite & Wetherby, 20 Abbott
Walsh, Edmond, 46 Grosvenor
*White, Benjamin, 263 Pleasant
*White, Jas. H., 8 Lawrence
*White, P. F., 175 Lincoln
*Wright, Arthur C., 42 Kingsbury

MICHIGAN.

ALMA—Coverell, David (Brick & Stone)
Struble, P.
ALPENA—Lemieux, A.
ANN ARBOR—*Jackson, O. L.
*Kock Bros. (General)
Marquardt, Herman
BATTLE CREEK—Hazard, Frank E. (Stone)
Houser, John J.
Lewis, Morgan M. & Sons
Lewis, William J.
*McHugh, Hugh J.
*Miller & Munro
*Tait, John
Weddel Albert L.
BAY CITY—Bay City Stone Co. (Brick & Stone)
*Burbridge, B., 506 Washington av
*Donovan, John, 521 Grant pl
*Hewitt, C. A., 1015 B'way
*Mason, Anthony, 205 Stanton
*Thompson, John W., 520 N Monroe
BENTON HARBOR—*Martin, W. S.
CHEYBOYGAN—*Moody, William
Waller, W. J.
Wixon, Henry
COLD WATER—*Ball, Clinton, 27 Alden
Bassett, G. (Brick & Stone)
Unangst, A. P. (Brick & Stone), Alden & Marshall
Vincent, S. (Plasterer), Jefferson & Hull
DETROIT—Anderson, Willmot, 1078 24th
Bartholomael, Max W., 374 Hancock av, E
Beebe, Wm., 444 McGraw av
Blankstein, Henry B., 131 Baltimore av, E
*Blay, M. & Son, 40 Fort, W
Borsekowski, Gustav E., 1488 Forest av, E
Burkheiser & Sons, 399 Brewster
Carpenter, Wm. W., 770 4th av
*Chapoton, Alex, Jr. (Large), 40 Fort, W
Christy, Thos., 2217 Gratiot av
Clark, Andrew, 619 Wabash av
Colwell, Wm. J., 297 Baltimore av, W
Cook, Calvin A., 263 20th
Cooper, Frank N., 40 Fort, W
*Dee, Patrick, 20 Columbia av, E
Dietrich, August, 309 Sherman
Duncan, Geo. D., 237 Montcalm, E
Eiswirth, John G., 453 Adelaide
Ewald, Le May, & Le Reau, Majestic bldg
Fairbairn, Walter, 1302 2d av
Finn, John, 40 Fort, W
Fisher, G. W., 55 Selden av
Frasier, Wm. J., 73 Thaddeus av, Delray
Gearing Bros. Co., 115 Wayne
Goddard, F. H., 1264 Brush
*Godeke, Anton & Son, 872 Jos Campau av
*Goodenow & Ginn, 542 Vinewood av
Goodenow, F. J., 59 1st
Griffin, M. J., 104 Lafferty pl
Helms, Julius, 618 Leland
*Henwood & Brown, 554 Forest av, W
Hugg & Oltz, 554-558 Dragoon av
Kaczmarek, John, 402 Forest av E
Kaiser, Adolph, 927 Bellevue av
Kehl & Burkheiser, Sherwood & Harper avs
Kinsey, George, 1254 Vinewood av
Krueger, Wm., 562 Leland
Kulow & Jahnke, 814 Bellevue av
Lane, Daniel, 40 Fort, W
Lindenfeld, Albert, 1041 Forest av, E
Misch, Otto L., 91 Pulford av
*Moll & Cosper, 195 Napoleon
Nelson, David, 625 4th av
Norman, John W., 1280 14th av
*Nutt & Clark (Large), 12, 40 Fort, W
Payette, Christopher, E s Peter Cooper av, 5 N of Fort av
Putnam & Moore, 40 Fort, W
*Reich, Wm. H., 60 Pulford av
Ruppel, J. P., 252 Rohns av
Scheich, Thomas, 12 Jay
Scholl Bros., 40 Fort, W
Schroeger, John, 119 Moran
Sigman, W. F., 1600 Scotton av
Spicer, David, 34 Frederica, Delroy
*Stokes & Whittingham, 78 Linden
*Traves, W. H. (Large), 40 Fort, W
York, Jerh, 105 Jos. Campau av
DOWAGIAC—Doolittle, Silas C.
FLINT—*Dewstone & Davis
Reed, Edwin
GRAND RAPIDS—Abbott, J. L., 346 Grand av
Benjamin, O. M., 373 Goodwin av
Bignall, W. H., 43 Brainard
*Bremgartner, Albert, 104 Fountain
Brill, C. J., 37 Dunham
Campbell, V. V., 92 Fairbanks
Cargill, H. N., 532 N Ottawa
Connell, Chas., 348 3d
*Curtis, Jas. & Co., 56 Monroe
Delaney, John, 168 Prescott
Eberhard, Zera, 763 Hall
Eckert, F. C., 196 7th
*Gentz, C. & Sons, 37 Springfield av
Gunn, J. A., 10 Stow
Hall, Thos., 38 Bradford
*Hauser, Owen, & Ames, 121 N Ottawa
Hermann, Jacob, 222 5th
Hosken, J. H., 634 Cherry
*Hulbert, I. E., 514 S Union
*Luten, Hiram, 69 Summer
McCollum, Jesse, 318 Highland av
Olson, Jno., 239 W B'way
Newville, L. A., 335 N Ionia
*Pelton, E. W., 892 Stewart av
Rouse, S. F., 891 Brown av
*Schliess, Hy., 129 Hilton
*Sullivan & Higgins, Norris bldg
GREENVILLE—Arnold, J. R.
Pratt, N. J.
Terry, C. P.
Willey, Paul

IONIA—*Barnhagel, Frank
*Flater, P. C.
ISHPEMING—*Grip, E. E. & Co.
JACKSON—*Conway, Henry D. (Stone), 214 N West
Emerson, Chas., 221 N Elm av
Gillespie & Son, 216 Mound av
Green & Flynn, 114 W Pearl
Holland, J. A., 105 2d
Howind, C. A., 15 Dwight bldg
*Lake, Robert (Large), c Liberty & Wash'n
Mitchell, J. H., 633 Cottage
Pickles, Saml. (Stone), 303 S Water
White, J. J., 416 Cooper
Whitney, J. C., 210 Williams
KALAMAZOO—*Kastead, Edward, 825 Walbridge
*Louden, John A., 1116 Wash'n av
*O'Byrne, John, 419 Harrison
*Rickman, Peter L., 826 Grant
*Roe, Benjamin, 810 Wheaton av
Sales, Jos. A., 317 W Dutton
Sales, John J., 316 W Walnut
White, Albert J., 421 W Ransom
LANSING—*Chittenden & Clark
*Corr, Bernard, 813 N Pine
*Deitz, Henry, 108 S Sycamore
*Early, Thos., 1332 E Michigan
*Fitzpatrick, M. E., 615 S Capitol
*Kimball, E. S., 514 Kalamazoo
McHenry & Fitzpatrick
LUDINGTON—Colquillaid, Thomas.
Lozo, L.
Mueller, Aug.
Shorts, T.
MANISTEE—Gerlach, Charles
Kretzer, Albert
Luxford, Norman
Sheridan, P. H.
MANISTIQUE—Ackerman, Charles.
Nelson, Fred.
MENOMINEE—*Bang, Wm., 812 Stephenson av
*Golueke, Frank, 518 Stephenson av
Larson, John C. (Brick), 616 Williams
MOUNT CLEMENS—*Miller, William
*Nichols, George
MUSKEGON—*Barnett & Schelhas, 316 Southern av
*Connell, J. J. & Co.
*Haw, Thomas, 183 Jackson
*Mackintosh & Putnam, 183 Jackson
PONTIAC—*Slater, O. A., 13 Davis blk
PORT HURON—Cruickshank, John
Fuech, William
*Houghs, H.
*Scott, W. B.
*Wargoski, Charles
ST. CLAIR—Fisher, Herman
ST. JOHNS—Pulfrey & Pouch
ST. JOSEPH—Kugsley, Chas. (Brick & Stone)
Kugsley, E. H.
Phillips, Thomas
Stater, Bert
Walker, Thomas A.
SAGINAW—Gelinas, Alexis, 527 Hill
Grunwell, C. A., 1323 Court
Hendricks, P. H., 217 Howard
Hendricks, R. C., 736 Owen, E S.
Henimeter, Adam, 1320 Mackinaw, W S.
Jorden, Davis C., 404 S Porter, W S.
*Kerns, James & Son, Wadsworth & 8th, E S.
*Kerns, Thomas, 235 N 6th
*Kerns, Wilson, 314 N 3d, E S.
Lunnie, William, 215 N Warren av
McIntyre, James, 711 Germania av
*Mueller, W. C. (Brick), 116 N 16th, E S.
*Qualman, J. H., 1440 Genesee av, E S.
Tucker, C. H., 559 Sheridan av
SAULT STE. MARIE—*Lippsett & Gregg
*Sweatt, J. B. & R. C.
TECUMSEH—Lowry, James (Brick)
Mitchell, James (Brick)
O'Hara, J. (Brick)
Snow, Jerome (Brick)
TRAVERSE CITY—Barc, P. H., 307 N Elmwood av
Berg, G. W., 319 W 9th
Hill Bros., 307 W 10th
Hill, M. C., 408 Bordman
Hinkley, Joseph, 528 Webster
Irwin, W. J., 219 W 9th
Vanderlip, W. E., 623 E Front
Van Wagoner, E. F., 120 E 16th
WEST BAY CITY—Adams, T. A., 301 S Park av
Smith, Charles W., 507 S Chilson av
WYANDOTTE—Gillen, William
Lacy & Leoffler

MINNESOTA.

ALBERT LEA—Dominick, D. N.
Hill, Nels.
ALEXANDRIA—Alton Bros.
Stopple, Julius
ANOKA—Barnes, A. N. C.
AUSTIN—Coats, C. H.
Schroeder, J. S.
BRAINERD—McFarland, William
Peterson, Charles
CHASKA—Firle, William
Grates, John
Grates, Leonard
Nicoll, August
Oestereich, E. L.
CLOQUET—*Conners, Levi
CROOKSTON—O'Brien, Louis
Rivard, Louis
DULUTH—Bourgeault, Jos. & Son (Stone & Brick), 541 Lave av, S
Erikson, C. A. (Plasterer), 623 Lake av, N
*Frederickson, C. J. (Stone & Brick), 630 Cham. of Com. bldg
*Lounsberry, G. H. (Stone & Brick), 312 Lonsdale bldg
Mueller, N. (Stone & Brick)
Wasioja Stone Co. (Stone), 38 Ex. bldg
*Waterworth & Fee (Stone & Brick), 506 Lonsdale bldg
FARIBAULT—*Cromer, Lawrence (Stone), 218 W 4th
*Garvey & O'Neill (Brick)
McCall, Connack (Stonecutter)
*O'Neill, William & Son
Peltier, C. H. (Brick), 919 N Maple
FERGUS FALLS—*Andrews, C. E.
*Hill, John
HASTINGS—*Johnson, Peter
Metzer, Charles
Schilling, Caspar
MANKATO—*Anderson, Nels.
Korts, Henry (Stone)
*Little & Blaterman (Stone)
*Nelsen, J. B. & Co.
*Widell & Co. (Stone)
Willard & Polchow
*Wysong, Perry
MINNEAPOLIS—Anderson, C. F., 1205 N E Wash'n
Berg, L. C., 124 S 4th
Breitenstein, C. F. A., 208 19th av, N
Burns, James, 2313 18th av, S.
Chick, J. H., 2 Highland av
Congdon, Jos., 313 Hennepin av
Conrad, A. P., 2439 Portland av
Conroy, Jos., 1127 E
Cooke, George, 305 Boston blk
Coonradt, Noah, 2544 17th av, S
Cosler & Layne, 409 Hennepin av
Dahl, Andrew, 1414 S. 3d
Ekstrom, C. J., 2416 11th av, S
Erickson, C. A., 1623 E Lake
Ertsgaard, Ole, 2206 Oakland av
Fergestad, Halvor, 3444 Bryant av, S
Hulsingar, Herman, 3915 N 4th
Johnson, John, 2732 Franklin av
Johnson, L. B., 1708 Jefferson
Kelley, M. J., 1429 N E 6th
*King, Silas, 3625 4th av
Landers-Morrison-Christenson Co., Lumber Ex.
McKenzie & Gilbert, 6½ N 4th
*Nelson, John (Brick & Stone), 2106 Elliot av
Otter, Matthew, 1216 N E 2d
Peterson, C. O., 2708 E 22d
Pierson, E. D., 2921 16th av, S
*Robertson & McKenzie (Stone & Brick), 123 Hennepin av
Rydell & Carlson, 2114 Dupont av, N
Vivian, Samuel, 1412 E 24th
NEW ULM—*Hauschen, Henry
*Nagel, Bock & Puhlmann
OWATONNA—*Anderson, C. K. (Bricklayer)
*Anderson, Silas (Bricklayer)
*Arndt, Theodore
*Broyhill, J.
*Kading, Emil
*Kinney, N.
*Moravee, Frank
RED WING—*Brink, A. R. (Brick)
*Danielson, A. (Stone)
Harlow, G. W.
*Lillyblad, Gus (Stone)
Osterlund, H. (Stone & Plasterer)
*Simmons & Jamison (Brick)
ROCHESTER—Alson, Chris., 305 Wash'n
*Donohue Bros.
*Graham, Albert (Bricklayer), Dakota st
Gratz, C. & J. (Bricklayers)
Hance, William, 305 College
McCormick, Thomas, 14 N Liberty
*Olson, Chris., 305 Wash'n
ST. PAUL—Aiton, W. J., 610½ Marshall av
Anderson, E. J., 671 E Geranium
Andreen, C. J., 1237 Cortlandt
Bayfield Brown Stone Developing Co., 201 Drake blk
Bettsch, Leopold (Brick & Stone), 492 Charles
Blickle, Jacob (Plasterer), 892 James
*Brady, Thomas (General), 437 Selby av
*Breen Stone Co., Germania Life bldg
*Butler Bros. (General), Globe bldg
Cameron, W. A. & Co., 516 Jackson
Cody, Jas. (Brick & Stone), 363 N Smith av
Craig, C. J.
*Deeks, George S. & Co. (Large)
*Donohue, John H. (Large), Gilfillan blk
*Doyle & Sadler (Brick & Stone), 292 Sturgis
Drake Co., 201 Drake blk
Eureka Stone Co., 709 Wabasha
Fehr, E. H., 306 E. Page
Fielding & Shepley (Brick & Stone), 217 W. University av
Fischer & Brandl (Brick & Stone), 667 S. Robert
Foelsen, Wm. (Brick & Stone), 566 W. University av
Galloway, P. T., 239 Sherman
*Grant, Geo. J. (Large), 61 E. 9th
Haebe, Jacob (Brick & Stone), View 3, W. of Ohio, W. St. Paul
Heider, Jos., 1097 Woodbridge
Heil, Gottfried (Brick & Stone), 189 Iglehart
*Hennessy & Cox (General), N. Y. Life Bldg
*Keough & Ryan (General), 31 Court blk
*Lauer Bros. (General), ft. of Chestnut
*Lauer, Jacob (Brick), 252 Erie
LAWES, GEORGE H. & CO. (Brick & Stone), Gilfillan bldg. (See adv. index, end of book)
Lehman, E. A. (Brick & Stone), Smith av, W. St. Paul
Leer, Fred'k, 581 Lafond
*Leo, Patrick, 74 Garfield
*Lindquist & Lind (General), 34 E. 2d
Malm, O. C., W. S. 6th, 1 s of Marie av, St. P.
Miller, J. W. (Brick), 526 Rice
Moehrle, Martin (Stone), 59 E. 7th
Molin & Woldt (Brick & Stone), Oneida c James
*Monzel, Mathias (Brick & Stone), 46 E. Dearborn
Moran, J. D. (Brick & Stone), 707 Laurel av
*Nevin, John & Son (Stone), 282 Harrison av
Nickon & Dahlman, 160 W. 4th
*Norlander, Fred'k C. (Large), 1025 Bradley
Northwestern Lime Co., 68 Lower Levee
Northwestern Stone Co., 186 W. University av
Nystrom, Axel, 112 E. 10th
Olson, John, 755 E. Minnehaha
Peterson, Martin (Plasterer), 1677 Sherburne av
*Porten, Wm. (General), 569 Capitol boul
*Reardon, Timothy, 567 Temperance
Reifler, Gustav (Brick & Stone), 738 Marshall av
Ries, Geo. (Brick & Stone), 918 Thomas
Riesberg, Andrew (Brick & Stone), 2338 Long av
Slater, G. H. (Plasterer), Upper Levee, ft of Western av
St. Paul Lime & Cement Co.
St. Paul Stone Co., 533 Wabasha
Springer, F. T. (Brick), 318 N. Ayers
Steinmetz, John, 517 W Central av
Steinmetz, Wm. (Brick & Stone),
Stone, Charles (Stone), 643 Burr
Sundstrom, John (Brick & Stone), James N W cor Oneida
Ulmer, W. H. (Stone), Upper Levee ft. of Chestnut
Young, Jas. A. & Sons (Brick & Stone), ft of Walnut
SAUK CENTRE—Bryant, C. M. (Brick)
Jenkins, James
Oleson, Martin (Brick)
Pangburn, D. A. (Brick)
Pangburn, F. A.
SHAKOPEE—Schell, Max
Schmitt, William
SLEEPY EYE—Peterson, A. H.
Schmidt, Wm.
STILLWATER—Kreuz, Anton (Brick & Stone)
*Olson, O. H. (Brick and Stone)
THIEF RIVER FALLS—Lange, Jos. (Brick)
Mason, Thos. (Brick)
WABASHA—Baker, Joseph
Evans, J. H.
Tritchler, Jos.
WELLS—Kinney, Orin
Schultz, Reuben
WINONA—*Harders & Gatz (Brick), 473 E Broadway
*Kraft, L., 216 E. Sanborn
*Kratz, Fred J. (Brick & Stone), 477 E. 4th
*Lohse, John, 362 E. 5th
Schwab, P., c Lincoln & Sherman

MISSISSIPPI.

CORNITH—Brakeman & McCord (Brick)
Burbank, L. & Son (Stone)
Grace, V. A. (Brick)
Sorell, R. T. (Brick)
JACKSON—*Eubank & Traylor (Brick)
VICKSBURG—*Beck, J. W.
*Conaghan, Barney
*Gregory, T. S.
*Tanner, J. D.
*Vicksburg Brick Co.
YAZOO CITY—Dreschau, E. (Bricklayer)

MISSOURI.

BETHANY—Apline, Cap A. (Stone)
Wheeler, Hiram
Wheeler Link
BONNE TERRE—Boyd, David (Stone)
Coffield, John H. (Stone)
Newman, Robert
Steinmetz, John
Thompson, James
BROOKFIELD—Dick, Jos. H.
CALIFORNIA—Blaser, Emil
Blaser, Gottlcib
CAMERON—McCaim, James
Pollard, E. L.
CANTON—Chinchen, Jas. & Son
Henekemper, Henry
CAPE GIRARDEAU—*Dauls, F. & Co. (Brick)
CARTHAGE—Andersen, A. P. (Stone)
*Damon, Nelson (Stone & Brick)
Huffer, Thos. (Stone)
King, J. E. (Brick)
Logsdon, James A. (Stone & Brick)
COLUMBIA—Bergmann, G. H.
FAYETTE—Brazell, Michael
Eraton, John
Gay, William
Washburn, Claude
FULTON—Frank, Christian
Harner, Horace
Kite, Thomas
Velte, John
Wichman, Peter
HANNIBAL—*Bopp, George
*Elgin & Richmond
*Haines, W. B.
*Munson, George W.
INDEPENDENCE—Donovan & Kerrigan
Glennan, Martin
Hattey, Thomas
Landers, George
Moran & Gilchrist
Randall, W. M.
Yates & Donaldson
JEFFERSON CITY—Bruns, Rudolph
Buehrle, Frederick
Davis, James H.
Garrigan, Charles
*Kolkmeyer, W. H. & Co. (Stone)
Oster, Henry
JOPLIN—Love, A. R.
Tansley, John
KANSAS CITY—Ahern, W. J. (Brick), 2417 Forest
Akers, J. N. (Stone), 1504 Locust
Armstrong, J. J., 3804 Roanoke boul
Austin, D. A. (Brick), 1611 E 27th
Banfield, Geo. M. (Brick), 2828 Flora
Barber, G. W. (Stone), 910 Lister
Bartleson, W. B., 1816 Oak
Baxter, John (Brick), 1515 Troost
Betterman, J. B. (Brick), 1416 Woodland
Bliss, Carl (Stone), 2909 E. 9th
Boden, Gustav (Stone), 3042 Balt. av
Breitag, L. D. (Brick), 1935 Flora
*Brown, George L. & Son (Large), American Bank bldg
Burgess, T. N. (Stone), 2006 Olive
Butterworth, Chas., 2520 Michigan
Byard, David (Stone), 2517 Chestnut av
Callahan, J. A. (Brick), 532 Tracy
Castles, John (Brick), 2207 Montgall
Cavanagh, T. J. (Stone), 1225 Michigan
Chapman, Geo. (Brick), 336 Colorado
Cochran, Percy (Brick), 1815 Grand av
Colyer, W. J. (Stone), 523 W'port av
Conn, J. W. (Brick), 915 E 16th
Coult, A. K. (Brick), 3117 Michigan
Crandall, W. W. (Brick), 2631 Chestnut av
Dallas, John (Stone), 3370 Oak
Davis, W. T. (Brick), 1023 Woodland
Delaplaine, W. B. (Brick)
Dewees, G. P., 2909 Michigan
Donnelly, Jerome (Stone), 1508 E 17th
Downing, Cassius M. (Brick), 1233 Bates
Downing, Oscar (Brick), 601 Inde av
Doyle, T. S. (Brick), 3505 Morrell
*Dugan, George (Large), 2400 Jefferson
Dunham, A. L. (Brick), 210 E. 14th
Forrester, John D. (Stone), 4111 Warwick boul
Forrester, Robt. (Stone), 3924 Dickson
Foster, A. D., 3520 Roberts
Fristoe, C. H. (Brick), 2223 E 9th
Fulmer, J. (Brick & Stone), 2538 Charlotte
Gasti, Jos. (Stone), 2817 Summit
Geiger, Gottloeb (Stone), 3136 Genesee
Gillam, A. J., 324 Quincy
Givens, Thomas D. (Stone), 1714 Agnes
Goodrich, C. C. (Stone), 1622 Harrison
Grabhorn, G. A. (Stone), 409 Brighton
Grady, Jas. J. (Stone), 1627 Rock av
Gregg, Villeroy (brick), 1224 Harrison
Grieb, Louis (Stone), 2321 B'klyn
Hadley, M. W. (Brick), 1543 E 39th
Harkness, Adam (Stone), 317 Filmore
Harmon, Wm. (Brick), 3308 E 12th
Hayde, J. C. & M. T. (Brick), 506 Whitney bldg
Herter, Paul (Brick), 2603 Indiana
Hollinger & Mitchell (Brick), Bayard bldg
Hubbard, Wm. (Brick), 12 E 16th
Ingram, D. R. (Stone), 2216 Holmes
Jacobs, W. L. (Stone), 2745 Myrtle
Johnson, Alex (Stone), 1317 Wyandotte
Johnson, Henry (Stone), 3331 Anderson
Keating, Andrew (Brick), 2127 Kansas av
Keeler, H. F. (Stone), Whitney bldg
Kendall, J. P. (Stone), 709 Forest
Kingston, John (Stone), 1130 Missouri av
Kirn, Gottfried (Stone), 2740 Holly
Kleinhoffer, Alois (Stone), 2347 Wyandotte
Knight, G. P. (Stone), 2124 Flora
Laird, O. E. (Stone), 2535 Bellefontaine
Lang, Albert (Brick), 2718 E 31st
Lang, J. A. (Brick), 2532 Montgall
Larson, Eric (Stone), 1111 W 18th
Larson, P. M. (Stone), 1620 Wash'n
Lewis, J. S. (Stone), 1014 Olive
Linder, Chas. (Stone), 1430 Garfield
Lovell, W. H. (Brick), 2308 Highland
Lowe, G. H. (Brick), 906 E 15th
Luckey, J. E. (Brick), 2027 Angus
Lyons, Jas. J. (Stone), 2227 Michigan
McCarty, Edw. (Stone), 727 Charlotte
McCormick, Hezekiah (Stone), 1642 E 23d
Marnel, Thos. (Stone), 1416 Michigan
Mathers, Andrew (Stone), Virginia c 45th
Mense, M. J. (Brick), 916 Highland
Meyer, Stephen (Stone), 1709 Oak
Miller, A. G. (Stone), 2111 College
Miller, B. H. (Brick), 2631 E 11th
Moad, J. W. (Brick), 3940 Kenwood
Moran, P. J. (Stone), 709 Villa
Morandi, F. D. (Stone), 2436 Olive
Morris, Frank (Stone), 1534 Oak
Mullins, R. W., Jr. (Brick), 566 Tracy
Nelson, Swan (Stone), 2829 Michigan
Nethercutt, L. F. (Stone), 25 Park
Nicholas, C. F. (Brick), 1427 Central
Noonan, P. H. (Brick), 3527 Lydia
Oates & Gillam, Postal Tel bldg
Oberdorf, Frank (Stone), 905 W 29th
O'Donnell, Thos. (Stone), 2803 Jefferson
O'Leary, Jno. (Brick), 1612 E 19th
Oser, Frank (Brick), 533 Wyandotte
Overley, Jos. (Stone), 2635 E 7th
Phenix Stone & Lime Co., Mass. bldg
Redmon, J. A. (Stone), 1717 Madison
Rhodes, J. J. (Stone), Harrison c 20th
Richards, E. F. (Brick), 1823 Flora
Rowlands, M. A. (Stone), 2421 Vine
Schraeder, Aug. (Stone), 304 E 18th
Schroeder, S. F. (Brick), 1524 B'klyn
Seddon, Chas. W., 2112 Summit
Sibley, Winfield S. (Brick), 1415 Paseo
Siverd, Jacob (Brick), 1322 Cherry
Smith, C. N. (Brick), 1424 Denver
Starner, A. A. (Brick), 1218 Forest
Starr, E. E. (Stone), 1214 Merrill pl
Stavnow, Wm. (Stone), 1328 E 14th
Taylor & Winn, Boston bldg
Tomlinson, E. R. (Brick), 1011 Virginia
Tothill, F. C. J. (Stone), 540 Belmont
Underwood, S. W., 1328 E 8th
Vanice, D. W. (Brick), 3606 E 18th
Walden, Chas. (Brick), 2407 Woodland
Watterson Bros., 1704 Olive
*Welch, Jacob (Brick), Gibralter bldg
Whelan, M. H. (Stone), 1515 Cherry
Wimmers, A. M. (Stone), 20th c Harrison
Winn, E. L. (Brick), Boston bldg
Yates, J. E. (Stone), 1728 Lydia
Yost, J. H. T. (Stone), 2521 Park
Young, J. C. (Stone), 2710 Bell

LEBANON—Clendenin, C. C.
Jeffries, J. M.
Klimer, A.
Saunders, Theo.
LEXINGTON—Fitzgerald & Kenna
*Lexington Triumph Press Brick Co.
Summers, J. H.
LIBERTY—Morrison, Thomas
Paulson, Frank
LOUISIANA—Allen, John W.
English, W. A. & Son
McBridge, Wm. B.
MACON—Barber, Reuben
MARCELINE—Atwell, Wm. S.
Bernard, Chas. E.
MARSHALL—Carson, H. C.
McJames, Herbert
Merkins, L.
Olsen, Andrew
Rose, J. M.
MEXICO—Brauer, Henry
McElhinney, A. J.
Pattison, Wiley
Reid, A. F.
MONETT—*Bradley, John (Brick)
Mason, L. A.
Scott, G. B. (Stone)
Smith, G. A.
NEOSHA—Carnes, Joseph
Jackson, R. I.
NEVADA—*Daly, J. A. (Large).
PIERCE CITY—Abbott, Wm. (Brick)
Cockran Bros.
Doty, S. P.
ST. CHARLES—Bode, H. G.
Borchardt, Fritz
*Bull, Carl & Son
Heckman, John
*Ueberle, John F.
ST. JOSEPH—*Abercrombie Stone Co. (Stone), 4th & Angelique
Arnhold, Geo. & Son (Brick), 2312 N 2d
Baublitts, Geo. E., 427 Francis
*Curran, Michael L., 1810 Clay
*Dunn, Henry W., 418 N 20th
Fowler, L. A. & Co., 20 S 8th
French, Thos. (Brick), 1008 Water
*Kelley, Jas. J., 1411 S 10th
*King, Hugh, 713 Edmond
Lehr, J. W., 1702 Fred'k av
*McCormack, Thos. L., 920 Felix
Morrison, Wm. (Brick), 1225 S 11th
*Nowland, Chas. H. (Brick), 814 Felix
*Pfeiffer Stone Co. (Stone), 3d & Locust
Roth, Fred, 1302 Fred'k av
Tibbetts, F. L. (Brick), 610 Edmond
Whalen & Feeney (Brick), 612 Edmond
ST. LOUIS—Abbot-Gamble Co.
Abeln, Jno. T. (Brick), 3319 Itaska
Ahrens, Fredk. (Brick), 2609 Howard
Albers, H. J., 3708 Texas av
Bacon, O. W. (Brick), 4363 N Market
Bardsley, Edw. (Stone), 2842 Belt av
*Barnes, W. W. & Co., 1522 Chestnut
Barron, Jas. R. (Brick), 17 S 22d
*Barron, Jno. & Son (Brick), 816 Olive
Barry & Scott (Brick & Stone), 4354 Lucky
Batz, Jno. (Brick), 2617 Arsenal
Becker, Hy. R., 2620 Potomac
Benson, Albert L., 2615 Subtlette av
Best, Benton, 816 Olive
Black, Jas. Masonry & Contracting Co., Carleton bldg
Blomenkamp, Hy., 5603 Old Manchester rd
Brennan, Jas. T. & Co. (Brick), 1133 Pine
Brennan, Patrick (Brick), 916 Chestnut
Bright, Jas. H. Contracting & Bldg. Co., Lincoln Trust bldg
Cavan, Timothy T. (Brick), 1613 N 18th
Clayden, Thos. H. (Brick), 709 St. Charles
Conroy, Jas. B., 1420 N 24th
*Crawford, Jas., 816 Olive
Daues Bros. (Brick), 810 Olive
*Denham, W. L., 911 Locust
Deutman, Hugo, 7227 Penna av
Davouton, Alex. (Brick), 2109 College av
Dickey, John E., 5703 South rd
Dierkes, Clem A., 1942 Provenchere pl
Doyle, Harry G. (Brick), 417 N 8th
Doyle, John M. & Son (Brick), 816 Olive
Duffy, Thos. (Brick), 1125 N 13th
Ehrich, Henry (Brick), 2823 N Spring av
Eich, Hy, 2121 S B'way
Eickmeier, F. H. (Brick), 4429 Race Course av
Engel, Jesse, 1806 S 11th
Esser, John (Brick), 6635 Alabama av
Etherington, Thos., 736 Bayard av
Evans, Daniel, 816 Olive
Flynn, John J. (Brick), 210 N 10th
Fowler, Wm. C., 1007 O'Fallon
Franklin, Robt. F. (Brick), 6648 Marmaduke av
Frein Building Co., 113 Chestnut
Frein, Jacob (Stone), 313 S Grand av
Frein Masonry & Contracting Co. (Stone), 3816 Laclede av

*Fricke, Fred W. (Brick), 4595 Easton
*Fruin-Bambrick Construction Co., 721 Olive
Fruin & Colnon, Laclede bldg
Gaertner, Hy, 2045 Adelaide av
Gaffney, J. J., 3915 Folsom av
Gaston, W. A., 3103 Laclede av
Gear, Frank, 4153 N Grand av
Geary, John F., 2341 University
*Geisel Construction Co. (Stone), 715 Locust
*Gillespie, R. M. (Brick), 816 Olive
Gillick Bros., 7925 Minn av
Goesse & Remmers Building & Contracting Co., 805 Cass av
Goodenough, Wm. J. (Brick), 4971 Easton av
Grant, H. A. & Son, 3841 Wilmington rd
*Gruetzemacher, G. H. (Stone), 105 N 7th
Gruetzemacher, H. F. & Co. (Stone), Wainwright bldg
*Haeseler, A. H., 105 N 7th
Hamlin, Elijah L. (Brick), 4010 Lee av
*Hartmann Bricklaying & Contracting Co., 1810 Lynch
Hayes, E. S. (Brick), 1008 N Vandeventer av
Heck, Martin (Brick), 2012 Angelica
Heilmann, Conrad (Brick), 1833 N 20th
Henke, Aug. (Brick), 1826 Lami
Hennessy, Jas. F. (Brick), 1813 N Taylor av
Hetzel, Andrew (Brick), 2117 Nebr av
*Hill, Price D. (Brick), 219 N 4th
Hill & Millott, 209 N 17th
Hinrichs, Gerhard (Brick), 3673 Blow
Hogan, Wm. (Brick), 1922 Wash. av
Howes, Geo. W. (Brick), 4758 Luduc
Hunike, F. W., 2124 Gravois av
Ikemeyer, Jno. (Brick), 1214 High
*Ittner & Bruce, 203 N 10th
Johnson, John M., 24 S 11th
Judlin, John & Co., 2915 Olive
Julian, M. L., 4854 Cote Brilliante av
Karberg, Fredk. A. (Brick), 620 Park av
*Keane, W. W. (Bricklayers), 2226 Hebert
Kelly, J. P., 3809 Cook av
*Kelly, Jos. (Brick), 810 Olive
*Kempf, Jacob (Stone), 2716 Shenandoah av
*Kiel & Daues Bricklaying & Contracting Co. (Bricklayers), 2621 Clark av
Koenig, Wm. H. (Brick), 3928 Nebraska av
Kollmeyer, C. F., 220 Locust
Krah, H. J. (Brick), 2805 Arsenal av
Krah, Henry, Jr. (Brick), 3307 Wisconsin av
Kreuter, Henry (Brick), 5405 N B'way
Krumbach, O. E., 1925 Papin
Kuhlmann, Chas. (Brick), 2206 Sullivan av
Kuhlmann, Herman H. (Brick), 4159 Peck
Lang, Justus, 4018 Lincoln av
*Lange & Bergstrom, 202 N 9th
Liebheit, Conrad (Brick), 5705 Von Versen av
Linnenberg Construction Co. (Brick), 4th c Olive
McCarthy, Michael, 415 N 12th
*McClure, R. P. Construction Co., 202 N 9th
McCully, Wm. & Co., 509 Chestnut
McDonald, W. P., 719 N Compton av
Maguire, Hugh, 5158 Easton av
Massot, Benj. (Brick), 6715 Scanlan av
Mayer, Ben, 217 Lafayette av
Meinholtz, Herman H. (Brick), 1734 N Leffingwell av
Milburn & Rich, 415 Locust
Modell, Christian, 4324 Kennerly av
*Mound City Construction Co., Lincoln Trust bldg
Nicter, Geo., 5336 Julia pl
Noon, Michael, 1129 Chestnut
Norton, A., 70 N 10th
Nuderscher & Rohmann, 2220 Victor
O'Malley, P. & Son, Pozzoni bldg
Petty, Benj. & Son, 2413 N 9th
*Platt, Geo. Contracting Co. (Brick), Roe bldg
Powers, John (Brick), 4311 Arco av
Pralle, C. F. (Brick), 2837 Cherokee
Randol, M. R., 816 Olive
*Reinagel, Harry (Brick), 2423 S 13th
Russell, J. M., 2251 Mo av
*Ryan, Wm., 5105 Wells av
Sauerbrunn Construction Co., 701 Chestnut
Seeger, Daniel, 912 Chestnut
Segel, Isaac, 1800 N Jeff. av
Shine, Daniel, 1917 Olive
Siegle, Geo. (Stone), 410 Garrison av
Simpkins, Wm. H., 209 N 17th
Sliger, Edw. D., 4434 Maffitt av
Sparhawk & Co. (Brick), 109 N 12th
Sparks, Thos., 3212 N 11th
Stansbury, J. A. & Bro., 816 Olive
***STEWART, JAS. & CO. (Large), Lincoln Trust bldg**
Thill, Mathias, 4396 Gibson av
Uthoff Bros., 4344 Gileson av
Viermann, Aug., 3217 Cherokee
*Viernow, Gustav M. (Brick), 810 Olive
Warner, Wm., 711 St. Charles
Weber, Fred'k, 1912 S 10th
*Westlake Construction Co. (Large), 510 Pine
White, John J., 922 Locust
*Widdicombe, E. H. (Stone), 816 Olive
*Wilson, J. W. & Son, Odd Fellows bldg
*Woitchek Masonry & Contracting Co. (Stone), 706 Chestnut

SEDALIA—*Thompson, C. I. (General)
SPRINGFIELD—Cowell, Jno., 1035 Campbell
Ellis Bros., c Scott & Concord
Fallin, J. S. (Stone)
Gear, Jno., Union Nat'l Bank
Gosley, N. N. (Stone), 1061 Clay
*Hayes, Michael (Brick), 501 W Olive
Hollman, Geo. W. (Stone), 329 St. Louis
Sartori Matteo (Stone), 1323 Sherman
Stahl, Julius (Brick), 845 W Locust
STANSBERRY—*Stansberry Press Brick Co.
TRENTON—*Griffith & Davis
*King, J. W.
WEBB CITY—Brown, Thomas
Sherwin, John
WINDSOR—Helm, John (Brick)

MONTANA.

ANACONDA—Crimmins & Grant
Dolan & Hamil
BUTTE—Benoit, Moses (Brick & Stone), 1212 Jefferson
Blakely, J. M. (Brick & Stone), 921 Nevada av
Bloom, J. M. (Brick & Stone), 821 Colorado
Brasier, R. T. (Plasterer), 17 E Fremont
Dougherty, J. J. (Plasterer), 1035 W Quartz
Ellis, Thos. (Brick & Stone), 600 W Silver
Fagan, W. S. (Plasterer), 326 S Arizona
Francis, Edmond H., 931 W Copper
Goddard, C. C. (Brick & Stone), 643 S Main
Greene, W. C., 923 N Mercury
Kelley & O'Brien, 20 E Quartz
Laden, Andrew (Brick & Stone), 29 W Aluminum
Lewis, Isaac (Brick & Stone), 805 N Montana
McCune, M. J. (Brick & Stone), 516 S Montana
Naughton, Martin (Brick & Stone), 304 S Jackson
Rafferty, J. J. (Plasterer), 611 Henry
Reardon, Timothy (Plasterer), 642 Placer
Robinson, W. B. (Brick & Stone)
Rowan, Thos. (Brick & Stone), 506 S Main al
Sauer, Alphons (Plasterer), 728 Utah av
Scott, Elmer (Plasterer), 113 W Platinum
Scott, W. G. (Plasterer), 306 W Aluminum
Shackleton & Whiteway Construction Co., Silver Bow blk
Thomas, David (Brick & Stone), 208 W Copper
Wakeman, C. P. (Brick & Stone), 306 S Idaho
Welch, Jas. (Brick & Stone), 823 N Montana
GREAT FALLS—Canary, Edward
*Coombs, Frank
Delaney, H. H. (Brick)
Fontana, Christ
*Roberts & Jones
HELENA—Benson, Peter (Plasterer), 405 Chaucer
*Fiske, E. W., 111 7th av
*Montana Building Co. (Large)
Vessy, Geo. (Plasterer), 20 Shiland
LIVINGSTON—Lawless, James
Lind, A. D.
MISSOULA—Christian, John
Lundgren, John
Owen, Charles

NEBRASKA.

BEATRICE—*Clayer, John (Brick)
*Hickman, I. N.
Hubbard, Mark (Brick)
Thomas, T. P.
FREMONT—*Whitfield, R.
KEARNEY—*Hibberd, R.
Scott, E. J. & Bro.
LINCOLN—Auman, C. B., 850 N 23d
Bowers, J. G. (Brick), 2411 D
Bradden, Howard (Plasterer), 2224 Dudley
Cox, Andrew (Brick), 1701 P
*Graham, Jno. E. (Brick & Stone), 1601 N 31st
*Hahm, C. P. (Brick), 911 S 27th
*Masterman, A. H. (Plasterer), 1509 E
*Niebuhr, Henry (Brick), 2416 O
*Olson, Chas. J. (General), Richards blk
Phelps, H. P. (Plasterer), 852 N 25th
Selders, H. A., 944 N 23d
Stoner, H. S. (Plasterer), 1909 Wash'n
*Vance, E. T. (Stone), 1922 R
NEBRASKA CITY—Roach, W. W. (Brick), 1217 3d av
Sanquist, A. (Stone), 914 4th av
NORFOLK—*Amarine, Alex.
*Enders, M.
Klug, Wm. (Brick)
*Mathers, M.
*Reynolds, R. H.
OMAHA—Anderson, C. I. (Brick), 2429 S 21st
Anderson, N. J. (Stone), 2711 Meredith
Anderson, P. A., 4242 Patrick av
Barton-Nash Stone Co., N. Y. Life bldg
Bennett, David (Brick), 953 N 26th
Busch, Herman (Brick), 3704 N 18th
Coy, D. A. (Brick), 3421 Mason
Dellone, F. K. (Brick), 1824 Binney
Deverell, W. P. (Brick), 429 Ramage bldg
Drake, Wilson & Williams (Brick), Pierce c 19th
Embree, Geo. (Brick), 3831 Decatur
Foran, Wm. (Brick), 1007 S 34th
Grant Paving Co. (Bridge Masonry), 429 Ramage bldg
Herum, H. P. (Brick), 3309 Parker
Jobst, B. J. (Brick), 624 Paxton blk
Johnson, Harry (Brick), 1138 S 30th av
Kiewit, Andrew (Stone), 1507 Harney
Kiewit, Peter (Brick), 1507 Harney
Livesey, R. E. (Brick), 2813 Capitol av
Lockwood, D. S. (Brick), 2554 Manderson
McHale, R. W. (Brick), 210 S 30th
Merriam, J. E. (Brick), 437 Ramage bldg
Pomeroy, C. P. (Stone), 3562 Jones
Redgwick, Wm. (Stone), 2563 Woolworth
Schall, A. & Co. (Stone), 511 Jones
Schnitz Bros. (Brick), 1611 Castellar
Shane & Jackson (Brick), 539 Ramage bldg
Sutter, John (Brick), 1430 S 18th
Velke, Aug. (Brick), 2924 Hamilton
Walsh, L. D. (Brick), 4522 Hamilton
Welshans Mantel & Tile Co. (Stone), 309 S 17th
Wertz, W. C. (Brick), 3715 N 23d
Wilke, August (Brick), 2924 Hamilton
Winn, E. B. (Stone), 2103 Binney

NEW HAMPSHIRE.

BERLIN—*Rowell, H. C.
CLAREMONT—Carroll, Geo., Main st
Page, G.
Walker, George D.
Woodman, E. H.
CONCORD—Bean, L. W., 11 N Main
Farmer, Miles F., 92 School
Fellowes, C. L. & Co.
*Fellows, L. R. & Son
Ferrin, A. C., Odd Fellows' av
McKeone, Patrick, 124 Rumford
*Mead, Mason & Co.
Neller, Geo., Penacock
Rowell & Plummer, 22 Warren
DOVER—Abbott, J. S. (Stone)
Chamberlin, George W.
Palmer, Orrin
Roberts, Preston S.
Roberts, William A.
Teeri & Cornell
Webster, George A.
EXETER—Drew & Batchelder
Garand, John
Gove, John H.
Nudd, David K.
Weeks, Wm. P.
FRANKLIN FALLS—Beauchemin, Jno.
Sargent & Jones
Shepard, Moses
KEENE—Carroll, Philip
Carroll, R. F. (Brick), 372 Elm
Eastman, A. W. (Stone), 47 Davis
Griffin, Charles
Holman, S. H.
Livermore, J. R. (Stone)
Wood, Edward
LACONIA—Nadean, Joseph
Stone & Hill
Tilton, T.
Wallace Bros. (Brick)
LAKEPORT—*Bussell, Chas. E.
Hobbs, Amos A. (Stone)
Mason, Chas. S.
LANCASTER—Forbush, H. C. (Brick)
McLaughlin, Michael (Plasterer)
Parks, Jno. (Stone)
Putnam, W. C. (Stone)
LITTLETON—Martin, George
Plant, Augustus
Smith, B. Aphorp

MANCHESTER—Andrews, Daniel G. (Brick), 777 Union
Bennett, John J. (Brick & Plasterer), 104 Ash
Bennett, S. M. (Plasterer), 22 Ash
Bilodeau, E. (Brick), 433 Cartier
*Bodwell, Frank (Granite & Masonry), 344 Hanover
Burton, J. F. (Stone), 22½ Concord
Charnley, Jas. (Plasterer), 170 Harrison
Eastman, A. (Brick & Plasterer), 78 Concord
Harvey, H. W. (Stone), 1458 Elm
*Harvey, Warren (Granite Masonry), 474 Hanover
*Head & Dowst Co. (Large), 97 Granite
Laberge, A. (Stone & Brick), 15 Wayne
Landry, Wm. G. (Stone), 390 Cedar
Lee, R. W., 736 Belmont
McAuliffe, Daniel (Plasterer), 87 Central
Marston, Geo. H., 441 Main
*Mead, Mason & Co. (Large), 215 The Kennard
Merrill & Laird, c Hanover & Paige
Mitchell, Timothy S., 239 Laurel
*Reed Bros., 315 Pine
Robinson, B. W., 303 Hanover
Wales, Jno. H. Mammoth rd
Young, J. B., Candia rd
MILFORD—Johnson, E. S.
Winslow, W. L.
NASHUA—Cone & Mailhot, 9 Clinton
Courcey, Jos., 86 W Hollis
Duncklee, L. P. & Son, 34 Summer
Gibson, E. J., 56 Lake
McDuffee, G. H. & Co., 98 Temple
Morgan, P. F., 81 W Hollis
Tuttle, Jas. D., 17 Stark
Veston, John H., 1 Temple
Willard, George A., 115 Vine
NEW MARKET—Bradford, Jno.
Bunker, Frank M.
Hogan, John
NEWPORT—Carr, Joseph
Clark, Alfred
Clark, William
Kelsey, George W.
Spaulding, Eugene
PETERBORO—*Marden, Geo. W.
PITTSFIELD—*Munsey, Lyman W.
Nutter, F. W.
Wheeler, Frank
PORTSMOUTH—Fraser, W. J. (Brick), 21 Penhollow
Grover, C. E. (Brick), 3 South
Holmes, Jos. (Stone), Sagamore rd
King, Robert (Stone), 1 Rogers
Tebbetts, John, Summer st
*Trefethen, A. B. (Brick), Penhollow st
ROCHESTER—Babb, Frank H. (Brick)
Chamberlin, Aug.
Crocker, Fred. H. & Son
Hersom, W. F.
Horne, G. W.
Jones, Jno. P. (Stone)
Legrow, David (Brick)
McCrillis, Wm. J. (Brick)
Mills, B. C. (Stone)
Perkins, Calvin (Stone)
Philpot, Hiram
Smith, Lewis
Wentworth, Jas. (Stone)
SOMERSWORTH—David, O. F.
Groton, John T.
Hilton, J. F.
SUNCOOK—Emery, C. C.
Hook, Stephen
Thompson, W. H.

NEW JERSEY.

ARLINGTON—Boyle, John P., 29 Maple
Duffy, Thos., 540 N 3d (E. N. B.)
Dunn, Jas., 291 Maple
Harrison, Albert, 27 Chestnut
Holden, Harry, 15 Highland av
Munn, Sam'l E., Midland av nr Elm
Ross, John, 144 Johnston av
Salmond Bros., 160 Midland av
Swenson, Elof, 408 Elm
ASBURY PARK—Alexander, Walter A. (Stone), 410 Main
Bennet, Geo. (Brick), 1115 Munroe av, West Park
Connelly & Wolverton, 16th av nr F. Belmar
Matthews, John V. (Stone), 414 Bond
Newman, Tyler B. (Stone), River av, W. B.
*Rogers, John M. (Stone & Brick)
Ryder, Thos. (Stone), 1138 Munroe av, West Park
*Schwartz, Jacob, 821 Central av, West Park
*Simpson, Jno. C. (Stone), 1137 Mattison av, W. P.
*Taylor, A. A. & Son, 707 Bangs av
ATLANTIC CITY—Buckley, Elwood (Brick), 110 N Congress
Clement, Jos. C. (Brick), 25 States av
Cramer, Chas. H. (Brick), 13 S S Carolina
Downs, Jas. E. (Brick), 115 N Virginia av
Kears, Saml. E. (Brick), 11 S Illinois av
Lee, Edward S. (Brick), 135 S Penna. av
Myers, Clarence A. (brick), 8 S Illinois av
Shimp, Wm. (Brick), Chalfonte
Simmerman, Jacob (Brick), 324 N Indiana av
Stiles, Arthur H. (Brick), 116 N Georgia av
Turner, Jno. F. (Brick), 20 S Indiana av
BAYONNE—Boast, Geo., 81 Newman av
Cooney & Gilbertson, 17 Dodge
Cozine, Jacob, Av B & 47th
Devlin, Wm. J., 11 W 51st
Ford, Geo., 47 Andrew
Frank Louis, 454 Av C
Herbert, Thomas, 9 E 15th
Hettinger, Ernest, 499 Av D
Klapinsky, Harris, 83 W 22d
Keegan, Alex., 769 Av D
Kelly, Henry M., 18 Willow
Lapidus & Frank, 502 Av A
Rosenhurst, Wm. C., 501 Av A
Ryan, Wm. C., 14 W 42d
Smith, C. W., 943 Av D
Sprotz, Davis, 69 W 21st
Treptow, Carl, 88 W 23d
Vreeland, F. R., 21 a E 15th
White, Michael, 7 North
Williams, Jos. B., 382 Av D
Windas, Thos., 17 W 31st
BELLEVILLE—Tucker, Jno. J.
BLOOMFIELD—Adams, N. B., 38 Linden av
Baldwin, Amzi W., Berkeley av
Brown, John, 66 Montgomery av
Brown, Harry, 22 Williamson av
Courter, D. V., 113 Glenridge av
Day, Robt., 265 Broad
Garner & Sempler, 85 Bay
Griffith, E. H., 25 Orchard
Jacobus, Geo., 21 Pitt
Jacobus, Richard D., 213 Ashland av
Van Rosson, Wm., 599 Bloomfield av
Volmer, Wm., Franklin av nr Plane
BOONTON—Glennon, John
Ringlieb & Sons
Telfer, John
BRIDGETON—Bond, Walter W.
Everham, Wm. H.
Harris, Wm. G.
Heller, Lewis G.
Meyers, Fredk. C.
Overdorf, Solomon
Riley, Wm. E.
Sloan, Frank
Weeks, Caleb
Witzell, Israel E.
BURLINGTON—Applegate, Smith (Stone)
Goodher, E. K., 218 W Pearl
Holland, Firman
Jobes, Leander (Brick), 314 Jones av
*Norcross, Jno. D. (Stone, etc.)
Stehlinger, Chas. (Brick), 216 W Pearl
BUTLER—Sisco, John F.
CAMDEN—Bradley, David M. (Brick), 636 Cherry
Burt, Frank F. (Brick), 313 Broadway
Butcher, Jas. (Brick), 226 Clinton
Campbell, Fredk. S. (Brick), 578 Pine
Clark, John S. (Brick), 424 Stevens
Costell, Frank (Brick), 1012 Sycamore
Day, Saml. B. (Brick), 517 N 6th
Dunn, Lewis K. (Brick), 218 Benson
Egbert, Chas. H. (Brick), 2917 High
Fields, Wm. B. & Son (Stone), 415 B'way
Horlbeck, Chas. R. (Brick), 1111 Marion
Jess, Ira B. (Brick), 2943 Cramer
Johnson, Geo. W., 1117 Mt. Ephraim av
Kaighn & Draper (Brick), 426 Haddon av
*Keen & Frazer (Brick), 2717 High
Lippincott & Co. (Brick), 510 Henry
McNeir, Geo. W. (Brick), 433 B'way
Madara, Thos. T. (Brick), 529 Arch
Marquardt, Henry (Stone), 912 Newton av
Mulford, Edmund R. (Brick), 2716 Wayne av
Munro, Wm. (Brick), 420 Mickle
Peak, H. L. (Brick), 303 Linden
Quicksall, Daniel (Brick), 613 N 8th
Reed & Donahue (Brick), 1312 N 27th
Rommel & Co. (Stone), 807 Chestnut
Seifling, Jacob (Stone), 1423 S 10th
Seifried, Frank L. (Brick), 623 Newton av
Stokes, W. C. (Stone), 2408 Howell
Sweeten, B. F. & Son (Large), c Cooper St Wharf
Usilton, Albert E. (Brick), 456 Liberty
Usilton, G. L. & Co. (Brick), 823 B'way
DOVER—Gies, Frank J.
Johnson, Thomas F. (Stone)
*Roderer, Andrew
*Smith & Fanning
EAST ORANGE—Barradale, Jas. G., 251 Elmwood av
*Doremus, E. & Co., 174 Main
Kelley, P. J., 75 Sandford
Lloyd, Bailey G., 16 Spring
Moore, David E., 7 Charles
Patterson, Stephen S., 87 Sussex av
ELIZABETH—Cummings, Michael & Son, 507 Meadow (Brick)
Daubner, Jno., 554 1st av
Devlin, Jas., 1648 E Grand
*Ellbacher, Charles (Large), 32 4th
Fallon, Thos., 354 Fulton
*Glasby, J. P. (Large), 40 Caldwell pl
Higgins, Patrick J., 906 Bond
Keorner, Theo., 257 W Grand
*Kerr, Alexander (Large), 309 Trinity pl
Kirchner, Henry, 122 Smith
Lapp, John, 814 Martin
Marsh, Chas., 559 Morris av
*Pullen, Frank, 814 South
*Sayre, E. M. & G. R. (Large), 46 Orchard
Schneider, Louis, 121 Smith
Thompson, Henry B., 17 Prospect
*Wilson, Robt. (Large), 210 Broad
*Winans, Freeman T., 24 Wash'n av
ENGLEWOOD—*Bertwhistle, H. (Brick)
*Bogart & Co. (Brick)
*Campbell Bros.
*Cole, Henry P.
*Gorecki & Whritnor (Brick)
Papin, E.
Quirk, E. (Stone)
FRANKLIN—Mandeville, Cornelius
Rushmore, Robt.
Stager, Arthur
Stager, Chas.
FREEHOLD—Emmons, Conrad (Brick)
Thompson, Wm. A.
Vanderhoof, Benj.
GUTTENBERG—Wagenbrenner, Geo., 7th
HACKENSACK—*Bogert, J. Bertram, 269 State
Dunn, Jacob, Kansas, opp Green
Friend, Sam'l, Central av
Van Buskirk, Elmer, 564 Main
*Vreeland, John
Whyte, Wm. H., 181 Main
HADDONFEILD—Budd, R. Watson
Holloway, Edward
Thomas, Frederick
HALEDON—Grineuis, Kryn
Oliver, Harvey H.
Rynbrandt, Komer
HAMMONTON—Ballard, Daniel (Brick)
*Johnson, Jos.
Trafford, Jas.
HARRISON—(See Newark.)
HASBROUCK HEIGHTS—*Yeo, T. G.
HOBOKEN—Bandholz, Godfrey J., 740 Garden
Fitzpatrick, John, 208 2d
*Foley, Michael, Hudson & 10th
Groth, Herman, Patterson pk rd
Hayes, Michael J., 230 Park av
Maxson, Wm. H., 1020 Willow
Shreve, Peter D., 727 Bloomfield
Waldron, Patk., 411 Madison
Wente, Chas., 329 Willow av
IRVINGTON—Book, John L.
JERSEY CITY—*Ard, Wm. T., 57 Bonner av
Armour, David, 128 Union
*Campbell, Neil (General), 184 18th
*Connolly, M. T. Contracting Co. (General), 240 17th
Curley, P. A., 164 Laidlaw av
De Planque, Edward, 230 Bowers
Doyle, Geo. C. & Son, 113 West Side av
Emery, W. S. & Sons, 91 Montg'y
*English, Richard, 501 Jersey av
Gleeson, Jos., 46 Jackson av
Gogan, Jno. H., 411 Monmouth
Herndon & Dickerson, 99 Ege av
Higgins, Thady, 211 Sherman av
Hill, Jno. P., 130 Dwight
*Kenny, Patrick, 183 13th
Kirchen, Chas., 348 Pavonia av
*Kuederly, Chas., 315 Communipaw av
Ludewig, Wm. A., 86 Paterson.
*McArthur & Shaw, 80 Cambridge av
McDonough, John H., 265 Bergen av
McDonough, Stephen, 265 Bergen av
Montgomery, Henry J., 116 Zabriskie
Perine, Arthur S., 562 Newark av
Pleace, Thos., 185 Manhattan av
Redfern, Peter F., 571 Jackson av
*Reehill & Burnes, 437½ Grove
Reilly, John, 48 Jackson av
*Robertson, Wm. & Son (General), 15 Exchange pl
Rose, Geo. C., 54 Hancock av

*Rowland, John & Son, 197 1st
Schlund, Jos., 1057 Hudson boul
Stoll, Adolph, 259 N. Y. av
Thorpe, Ezekiel, 616 Pavonia av
Tichenor, John M. & Son, 334 7th
Waldron, Patrick, 411 Madison av
Wehrmann, Louis, 417 Central av.
*Wheelihan, Jno. & Son (General), 763 Montg'y av
Whyte, John, 18½ Magnolia av
Whyte, Wm. R., 34 Oakland av

KEARNEY—(See Arlington.)

KEYPORT—Cheever, Chas. A.

LAKEWOOD—*Brown, John C.
Mason & Applegate
*Newman, Clark

LONG BRANCH—*Alexander, W. H. Bros.
*Brehm, Christian
*Poole, M. V.

MADISON—*Apgar, George B.
*Corbett, Jno. V. (Stone and Brick)
O'Donnell, John
Sturges, William H.

MILLBURN—Woodruff, John S.

MILLVILLE—Dunham, Albert S.
Hand, Jesse L.

MOORESTOWN—Biskham, Wm..
Holland, George
*Sutherland, M.
Troth, Levi

MONTCLAIR—Alworth, Wm. & Son, 8 Elmwood av
Booth, Geo., 138 Claremont av
Boxall & Sigler, 18 Montague pl
Broadbent, De Witt, Grove n Watchung av
Courter, J., 95 Forest
Courter, John R., 4 Friendship pl
Doyle, Wm., 46 Midland av
*Feeney, Owen, 179 Valley rd
*Jacobus, E., West Park
Manuel, John, 110 Glenridge av
*Muller, Julius, 12 Miller
Muller, K. F., 16 Miller
O'Neil, Jas., 161 Claremont av
Paxton, Jesse, 23 Maple pl
Pierce, Francis H., Northview av
Sigler, Melvin, Valley rd n Little Falls rd
*Sigler, Theo., Cliffside av
Smith, A. F., 15 Mountainview pl

MORRISTOWN—*Collins, John D., 25 Miller
Dempsey & Cooney, 1 Bellevue ter
*Sturges Bros., 54 Early

MT. HOLLY—Atkinson, Stacy W. (Stone), 134 Water
Brig..., Howard E. (Stone), 25 Miffin

NEWARK—Adams, John M., 41 Wright
Baldwin, E. O., 51 Academy
Bennett, J. T., 281 N 6th
Benz, Geo., 326 N. Y. av
Blanch, John M., 221 Norfolk
Blanchard, Jas., 124 Frelinghuysen av
Blanchard, Wm., L., 160 Sherman av
*Boyle, Peter, 22 Clinton
Burns, Jas. M., 149 Bowery
Chedister, John, 118 S 13th
*Clark's, A. H. Sons, 22 Clinton
Connelly, Jas., 48 Brientnall pl
*Connolly, W. H., 137 S 7th
Conroy, Michael, 161 Norfolk
Cooper, Charles S., 254 Clifton av
Daly, Jas., 276 Warren
Demarest, John H., 107 Summer av
Deutsch, Abraham B., 90 Broom
Dey & Stuphen, 14 Herbert pl
*Dickson, Henry (General), 22 Clinton
Doering, Otto, 326 Waverly pl
Drake, I. S., 91 Frelinghuysen av
Dunn, W. B., 60 Nichols
Eagen, Michael, 44 N 2d
Ehrmann, Jos., 591 S 12th
Ellis, Geo., 434 S 17th
Fatzler, Frederick, 564 S 10th
Frank, J., 188 Livingston
Freeland, Abraham Co., 180 Court
Friedrich, Fred'k, 139 Belmont av
Gettinger, Charles, 293 Littleton av
Gordon, W. R., 62 Hillside av
Gray, W. R., 145 Jefferson
*Guerin, Isaac B., 21 William
*Guerin, Richard B., 55 Astor
Hammer, Chas., 193 Belmont av
Harris, Jas. F., 211 Parket
Headley & Christie, 116 Ridgewood av
Hedden, V. J. & Sons, 431 Orange
Hedden, Wm. E., 24 Warwick
Heinrich, Geo., 122 Baldwin
*Heinrich, George A. & Son, 113 Waverly pl
Hickman, Wm. H., 33 Arlington
*Hotz, L. F. & Son, 270 Norfolk
Husk, Alfred, 75 2d
Johnson, H. C., 75 Arlington
Jung, Philip, 32 Belmont av
*Keve & Baker, 316 Bank
Kiernan, William, 131 Commerce
*Kingsland, G. H., Jr., 580 Summer av
Klitch, Andrew, 468 5th
Knaish, Jos. F., 368 Ferry
Koelhoffer, Theodore, 102 Baldwin
Lockhart, Wm., 191 S 11th
McGovern, Thos., 107 Howard
McGrath, John J., 367 New
McLaughlin, T., 217 Warren
McNally, Thomas W., 3 Filmore
Mackinson, Thomas J., 223 S 7th
Manufacturers Contracting Co., 788 Broad
*Marsh, Frank (Large), 308 Ogden
Matthews, J. J., 55 3d
Mears, L. & Son, 319 N 6th
Merz, S., 12 Bremen
Miller, Thos. D., 33 S 13th
Moore, Frederick W., 897 Highland av
Moran, Jas. & Son, 232 Academy
Mossey, Henry, 165 Camden
Mueller, Chas. J., 587 Bergen
*Mundy, J. Crowell, 259 Belleville av, 22 Clinton
O'Rourke, John H., 23 Howard
*Oschwald, Joseph (Large), 238 Washington
Parker, Lewis, 28 Miller
Patrick, R. W. & J. L., 78 S 9th
Pewtner, Jas. S. & Co., 631 Hunterdon
Pfeffer, Jacob, 55 Kossuth
Pier, Alonzo, 379 Washington av
Poole, Garrett W., 28 Arch
*Pruden, F. K. (Large), 22 Clinton
Raddin, Wm., 100 Parkhurst
Regan, T. J. & Co., 86 Camden
Reilly, John, 167 S 9th
Reynolds, Patrick, 36 Newark
*Riker, Peter, 83 8th av
Schubert, J. C., 37 Beacon
Schumacher, A., 203 Fairmount av
Sharwell, William G., Jr., 320 N 6th
*Shaw, J. Wm., 351 S 9th
Simmonds, R., 68 Kearny
Sleinad, Radge G., 72 Barbara
*Slingerland, W. R., 108 Brunswick
Smith, Terrence, 21 Vesey
Soden, Daniel, 113 McWhorter
Stradling, Albert, 325 S 10th
Sutphen, Court V., 132 Wakeman av
Taylor, John T., 780 S 15th
Thieme, Adam, 254 Peshine av
Tinney, Wm. H., Murray c Austin
Turner, D. H., 210 Walnut
*Vanderhoof, Peter & Sons Co. (Large), 285 Broad
*Van Houten, J. H., 134 Boyden
Van Ness, John, 158 Jeff.
*Waldron, Edward M. (Large), 69 Littleton av
Weber, Jacob, Jr., 13 Alyea
Weber, Morris, 299 16th av
Willetts, E., 4 Waydell
Williams, Cyrus C., 28 Myrtle av

NEW BRUNSWICK—Bell, Sam'l W., 52 Water
Conger, Geo. M., 172 Albany
Dund, Isaac E., 167 New
Dunham, Sam'l L., 154 New
*Hendricks, John, 263 Seaman
Hendricks, Peter H. & Son, 288 Redmond
*Kenny, Peter F., 39 Wyckoff
*Moore, Thos., 177 Hamilton
*Van Sickle, Wm. H. & Son, 153 Welton

NEWTON—*O'Donnell & McManiman

ORANGE—Acker, E. C., Lincoln c Mechanic
Brennan, Martin A., 48 Cary
Carroll, Chas. C., 114 Hill
Coyne, Bernard, 22 N Munn av
Coyne, Chas. F., 132 Day
Davis, John L., 8 Freeman
Dempsey, Michael P., 204 Alden pl
Dodd, Chas. E., 249 Main
Everett, John B., 11 Elm
*Jacobs, J. Henry, 161 Cleveland
Jacobus, Wm. D., 21 Park pl
Lightholder, John & Son, 324 Main
McCloskey, Chas. A., Lakeside av n Watchung av
Matthews, Clifford, 17 Minton pl
O'Connor, Jas. & Son, 68 Central pl
Thatcher, Norman H., 164 Alden
Tobin, R. L., 11 Wash'n pl

PASSAIC—Bakker, Adrian, 167 Burgess pl
Brendel, Frank, 105 Quincy
Bush, Hubert, 90 Lincoln
De Vogel, Wm., 220 Burgess pl
Duffy, Thos. (Brick), 48 Hope av
Hamilton, Jno., 250 Hope av
Swenson Bros., 243 Main av
Totten, Albert, 16 Academy
Union Bldg. & Construction Co., 237 Main av
Van Vleet, Marinus, 419 Highland av
Van Winkle, Jacob
Zabriskie, Jno. J., 322 Montg'y av

PATERSON—Adshead, Wm., 106 B'way
Bailey, Wm. H., 128 Vreeland av
Braen, Frank, 187 N 1st
Connon, Richard, 325 Grand
De Green, Thos, 106 N 4th
DeRonde, Garrett, 127 E 16th
De Vogel, Jacob E., 96 N Main
De Ronda, Gert, 127 E 16th
Englishman, Wm., 157 N 3d
Federici, Anthony, 46 Hamburgh av
Friesema, Henry, 148 E 5th
Goodwin, Wm., 102 Kearney
Gleek, Albert, 63 Garfield av
Hameetman, Jno., 511 E 26th
Hartley, Jno. I., 43 N 1st
Herr, Ludwig, 169 Temple
Holster, Tunis, 26 E 20th
Houman, John, 123 Ward
Ihrman, K., 82 Clinton
Kievit, Abel, 128 E Holsman
Laauwe, Peter, 15 Hillman
Lewis, Louis, 67 E 11th
Links, Louis, 91 Jeff'n
McLean, Alexander, 404 15th av
McMillan, Jno., 263 Carroll
Moltane, Frank, 186 Knickerbocker av
Monks, Jacob & Son, 105 Rip Van Winkle av
Myers, Jno., 46 Lowe
Nyland, Andw., 7 Belle av
Parnham, Henry, 59 Jasper
Pittet, Felix G., 555 River
Quackenbush, Geo., 323 Godwin
Rasmussen, Wm., 443 River
Ritter, Marinus, 104 20th av
Rooney, Wm. J., 47 Park av
Rose, Fernando, 77 E 24th
Sisco, Geo. W., 214 Kearney
Smith, Louis, 60 Sheridan av
Steele & Hopper, 48 N 2d
Tanis, Nicholas, York av cor Lafayette
Tanis, Peter, 170 E 5th
Touw, Adam, 45 23d av
Touw, Richard, 74 20th av
Van Dam, John, 36 Hillman
Van der Wiel, Garrett, 96 22d av
Van Duin, Nicholas, 136 N 3d
Van Emburg, Jno., 11 Holsman
Van Houten, Wm. H. H., 66 Paterson
Van Splinter, Peter, 103 Haledon av
Van Wyck, Jno., 70 Holman
Ver Duin, Abram, 138 E Holsman
Zeluff, David S., 234 Temple

PERTH AMBOY—*Christensen, C. C.
Dayton, Herbert
Dayton, Wm. S.
Greesen & Dahl
Henderson Bros.
Jensen, Andrew K.
Kaas, Peter A.
Momberg, Martin
Ostergaard, Iver C.
Overgaard, Andrew
*Perrine, Bucklew Co.
Peterson, Chris
Smith, Asmus

PLAINFIELD—Adams, Chas. R., 249 Johnston av
Dentz, Jno. A., 80 Summit av, N. P.
Gulick, Jacob, 747 S 2d
*Hart, Lemuel E., 106 E 4th
Hibbits, Finton, 202 Hanson pl
Higgins, Jacob M., 221 Duer, N. P.
Kingston, Jos., 518 E 2d
*Laury, Titus H., 407 Park av
Lewis, Jas. M., 148 Grove, N. P.
Moran & Giles, 218 Plainfield av
Mundy, Jno. W., 43 Summit av, N. P.
Pangborn, Wm. H., 57 Chatham, N. P.
Smith, Chas. H., 613 John
Smith, Wm. C., 48 Grandview av, N. P.
Snyder, Jno. H., 111 Manning av, N. P.
Townley, Lorenzo D., 229 Somerset, N. P.
Townley, Warren, 21 Grandview av, N. P.
Wikoff, Walter, 843 Richmond
*Williams, Seaman, 32 Sandford av

RAHWAY—*Moore, Geo. W., 240 Main

RARITAN—*Richards Bros. (Bridge Masonry)

RED BANK—Asay, Edward F.
*Elliott, Jno. P.
Spinning, Wm. (Brick), Branch av
*Van Note, Ivens C.

RUTHERFORD—Dabnett, Chas. (Brick)
Foster, John (Brick)
Moran, Thos. (Brick)
*Smith Bros. (Brick & Stone)

SALEM—Steelman, Lewis, 59 Wesley

S. ORANGE—Becker, Henry & Son
Brown, Geo. W.
Mead, Chas.
O'Reilly, John, Jr.
Voe, David

STAPLETON—*Rinschler, Frank

SUMMIT—Delaney, Edw. G.
Vaughn, Robt. H.
Wright, Seaman & Son

TOWN OF UNION—(See Weehawken)
TRENTON—*Barlow, J., 211 Perry
Barnhart, J. K., 626 Perry
*Benson, G. E., 220 Butler
Brumaker, W., 22 Lamberton
*Burton, Jos., 37 Walnut av
Carty, R. H., 15 N Willow
*Case, Andrew J., 701 Chestnut av
Clark, A., 195 W Hanover
*Corrigan, Patrick, 332 Church
*Fell, Geo. E., Ribsam bldg
Garmer, Benj. J., 1014 Chestnut av
*Hooper, Enoch W. (Large), 32 S Clinton av
*Hooper, J. W. (Large), 439 E State
Johnston, W., 309 Greenwood av
*Lawton, Lewis, 432 Hamilton av
*Mather, S. W., 30 S Clinton av
Middleton, C. E., 991 S Broad
*Morris, W., 307 Bellevue av
Moses, M. S., 898 E State
*Prior, Thos. H. & Son (Stone, etc.), 55 Yard av
*Smith, Jos. D. (Large), 433 Monmouth
*Snedeker, J. V., 152 E Front
Wolverton, G. S., 34 Cumberland av
VINELAND—Dowling, Chas.
Downey, Daniel
Fish, C. H.
Loomis, Chas. E.
Nutt, Philip
Stillman, Geo. E.
WASHINGTON—*Burd, Elesha
WEEHAWKEN—Bowe, Jno. E., 34 1st
Denenhy, Thos., 325 Harrison pl
De Riso & Arena, 113 Main
Goodwin, Chas. W., 512 3d
Grieser, Ferdinand, 82 N Yar.
Keller, Louis, 144 Kossuth
Kleinke, August P., 570 Palisade av
Mapes, Jas. N., 1 Sunnyside av
Miller, Henry & Son, 107 N Yar.
Milo, Raffaelo, 204 Humbolt
Riegler, Geo., 96 Hudson av
Roesser, Andrew, 145 Kossuth
Winne, Jno. T., 130 Franklin
WESTFIELD—Harrison, J. G.
Howarth, Wm. F.
Jimerson, Aaron L.
Jimerson, W. S.
Ledley, John
Stiles, Archibald
Todd, Geo.
Tuttle Bros.
WEST HOBOKEN—Becroft, Wm. H., 501 Hague
Berke, Fred'k, 454 Spring
Cranwell, G. W. & Son, 401 Clinton av
Decker & Merz, 130 Hudson boul
Iorio, Jas. V., 714 Shippen
Larkin, Jno., 317 Smith
Ludewig, Wm. A., 209 Summit av
McLaughlin, Edw., 516 Stevens
Mulheran, Jno., 412 Charles
O'Brien, Jas., 418 Smith
O'Connor, Jno., 361 Spring
Schall & Schreiber, 21 Browning pl, N. B.
Schmincke, Anton, 600 Spring
Schneider, Henry M., 86 Central av
Schulz, Adolph, 613 Shippen
Visconti & Vigliani, 724 De Mott
Wetzel, Valentine, 41 Walnut
WEST NEW YORK—(See Taurus)
WEST ORANGE—Dobbinson, Lawrence, Whittlesey nr Chestnut
Sayre, Jno. S. & Son, Chestnut nr Harrison av
Walker, Allison H.
WOODBRIDGE—*Coddington, Jonas
McEwen, Jos.
Treen, John, Jr.
WOODBURY—Henry, Albert (Brick)
Henry, Edw. P.

NEW MEXICO.

ALBUQUERQUE—Berardinilla & Co. (Stone)
*Dodd & Lembke
LES VEGAS—Rupp, Wm.
SANTA FE—Berardinello & Calabino

NEW YORK.

ALBANY—Albany Material & Cons. Co., Tweddle bldg
Burdick, G. D., 344 Hudson av
Carr, Stephen A., 346 Hudson av
*Cassidy & Gallagher, 68 Park av
*Collins Bros., Benson bldg
Daley, Michael, 982 B'way
Delany Bros., 75 Perry
Delehanty, Andrew S., 140 Colonie
Farley, Edw. J., 54 Rensselaer
*Feeney & Sheehan (Large), 160 Montgomery
Fischer, Henry & Bro. (Large), 145 Clinton
Fuller, Geo. A. Co., Com. B'k bldg
Gilligan, Thos., 8 Aiken av R
Hasenbein, Wm., 115 Clinton
Heidrich, Jno. C., 116 4th av
Hunter, Jas., 4 S Lex av
Kelly, Jno. J., 186 Sheridan av
Leahey & Shufelt, 1603 3d, R
McCaffrey & Hughes, 797 Livingston
McCann, Edward J., 651 Myrtle av
Menges, Henry, 562 Clinton av
*Pasquini, Attilio (Large), 34 Benson bldg
Phelps, Geo. E., 33 Orange
Ranger, F., 203 Hudson av
Reston, Henry K., 74 Green
Sewell, J. & J. W., 15 W Spring
Steffens, Lawrence, 393 Elk
Young, Henry W., 12 Philip
AMSTERDAM—Coleman, Michael F., 40 Union
*Gardiner, Abraham R., 109 Forbes
Grieme, Henry C., Erie st (Large)
*Hart, Frank, 208 W Main
Heslan, John J., 48 Union
*Machold, Bernhard, 19 McDowal
Turner, Jno. J., 53 Union
AUBURN—*Barnes, David W. & Son, 5 Wall
*Clark, Herbert R., 173 State
*Clark, Orlando S., 173 State
*Furness Bros., 34 Nelson
Hunter, Geo. W., 13 Florence
Stevens, Alexander, 41 Clark
Sweeting, Chas. H., 103 Fulton
Sweeting, Geo. B., 51 Grant
BABYLON—Body, J.
*Brown & Howell (Large)
BALLSTON SPA—Vandenburgh, J.
BATAVIA—Carey, Jas. W.
*Carson & Reynolds (Plasterers)
*Ditzel & Ward (Brick & Stone)
Lock, Wm. H.
*Manning, John (Plasterer)
Miller, Wm. (Stone, etc.)
*Powell, Benjamin (Stone)
*Schafer & Lochnicht (Brick & Stone)
BATH—*Bradley & Dahm
BAYSHORE—Daggett, J.
BINGHAMTON—*Douglas, Andrew
Gettig, J. H. (Stone), 18 Linden
Herrick, Milton J. (Stone), 7 Lockwood
Lane, Dennis (Brick), 425 State
Laycock, Wm. W. (Brick), 22 2d
*Mitchell & Stever (Brick & Stone), 97 Collier
Reynolds, Burdette, 20 Amsbry
Riley, Patrick W., 15 Prospect
Stevens, W. D., 102 Laurel av
Sullivan & Badgley, 155 Wash'n
Swain, Geo. S., 279 Court
Van Fleet, Jas. S. (Stone), 22 Isbell
Wright, J. M., Beethoven & Lincoln av
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Albrecht, Jno., 167 Grace
Ball & Wittig (Stone), 52 E North
Ballschmeider, Chas., 49 Peterson
Barnett, Alfred, 184 Forest av
*Barnwell, C. P. (Brick, Stone & Plaster), 398 14th
Becker Bros., 220 Triangle
*Berrick's, Chas. Sons (General), 1151 Main
Bingel, Conrad, 618 Oak
Birkmayer, M., 300 Cable
Boulding, A. & Co., 156 16th
Broderick & Co., 719 West av
Brown, Thos., 1135 Niagara
*Burger, Robert E., 133 Lex. av
Byers, Jas. N., 461 Linwood av
*Byrne & Bannister (Plasterers), 44 Bldrs' Ex
*Carter, Geo. W. & Sons Co. (General), Builders' Ex
*Chapman, A. F. & Co., White bldg
*Churchyard, Jos. J., 648 Clinton
Crooker, B. I., Builders' Ex
Crooker, Chas. W., 73 Sage av
Crooker, Wm. S., Builders' Ex
Crumlish, Wm., 345 Niagara
*Dark & Co., 654 Main
Euscher, Fred, 78 Milton
*Feist, John & Sons Co., 111-115 Ash
Frank, Andrew, 176 Northland av
Gies, Edw. J., 429 Dearborn
Grupp, Edw., 51 Riley
*Hager, Edw. M. & Sons Co., 141 Elm
Hall, James, 105 West av
Harbrecht, L., 378 Plymouth av
Harder, Henry, 287 Northampton
Herrmann, Frank L., 257 Riley
Hildebrandt & Frank, 192 Best
Howells, Thomas L., 93 Briggs av
Huie, Jeremiah P., 26 Livingston
Juhre, Louis, 303 Mosselle
*Kohr & Felton (Large), ft of Church
*Kempf, Geo. & Sons, 99 Locust
King, Aaron, 22 Lamont pl
Klein, Jacob A., 170 Lafayette av
Kolkman, Edw., 324 Bissell av
Kurchhoff, Alfred E., 377 Guilford
*Lannen, John, 667 Oak
McDermott, Pat'k W., 369 Normal av
McGinness, Jas., 222 West av
Maltby, Geo. W. (Stone), 21 Maryland
Marburg, Louis, 31 Church
Miller, Edw. R., 498 Northampton
Moll, Jos., 247 Monroe
Morris, Geo. W., 302 Ellicott sq
Neu, Louis, 58 B st.
*Niederpruem, Gibbs & Schaaf Co. (Large), D. S. Morgan bldg
O'Neill, Jno. S., 1830 Seneca
*Reuling, Henry, 769 Clinton
Rohde, Wm., 52 Berlin
Roos, Edward H., 364 Elm
*Rumrill, E. C., 1 Builders' Exchange
*Rupp, C. A. (General), Builders' Exchange
Sandel, Wm. C., 608 Linwood av
*Savage, Wm. M., 507 Prospect av
*Schaefer's Henry's Sons (General), 578 Elm
Schirmann, Frank G., 108 Sycamore
*Schmidt, W. H., Builders' Exchange
*Schumacher, Wm., 156 Dodge
Smith, Wm. D., 35 Ferguson av
*Steinwachs, Chas. C., 473 E Delevau av
*Stokes Bros., Mooney bldg
Tilden, J. H. Co., 14 Henry
Trimmer, Thos. E., 123 Leroy av
Walldorf, Chas., 341 Urban
Walldorf, Fred'k, 178 N Parade av
*Watson, John C., 16 Builders' Exchange
Ziegler, Andrew & Son, 164 Edward
CANAJOHARIE—Sloan, Richard
CANANDAIGUA—Brown, Charles J.
*McNulty, F. X. (Large)
CARTHAGE—Jones, James
*Jones & Simmons
Simmons, Eugene
CASTLETON CORNERS—See New York City, Borough of Richmond
CHATRAM—Baldwin, B.
CLIFTON—(See New York City, Borough of Richmond)
COHOES—Bennett, D. H., 111 Congress
Benson, S. J., 18 White
Brown, Jas. H., 102 Lancaster
Dooley, Jas. J., 71 White
*Flynn, John W., 166 Saratoga
Neary, J. H. & T. W., 131 B'way
O'Clair, John, 224 Ontario
COLLEGE POINT—(See New York City, Borough of Queens)
COOPERSTOWN—*Bradley, T. & J., Drake blk
Tuttle, Charles J.
CORINTH—Coward, James (Stone)
Mosher, Levi (Stone)
Russell, Fred'k (Stone, etc.)
Varney, George (Stone)
CORNING—*Cogan, John, 170 Walnut
Dorman, H. O.
Kelley, Michael F. (Brick)
Nelson, Jones (Brick), 227 E 2d
CORONA—(See New York City, Borough of Queens)
CORTLAND—*Beers & Warfield
*Mayor, John
*Ryan & Hall
DANVILLE—Werdein, A. J.
DEPOSIT—Bisbee, P.
Knapp, N. H.
Yeomans, Fred. (Stone)
DOBB'S FERRY—*Alworth, Jos. & Son
*Alworth, William
DUNKIRK—*Hilliard, John
*Meister, Peter
Rogan, John (Stone)
*Stoyle, Robert
E. AURORA—Kelley, W. A.
Robarge, Peter
Wright, Charles
ELMHURST—(See New York City, Borough of Queens)
ELMIRA—*Barber, Abbott, 904 Walnut
*Dempsey, John E., 77 Jones
Gerity, Thomas (Stone, Brick & Plasterer), 511 Baldwin
Heller, Horatio, 811 Gay
*Hodgkins, A., 201 Penn av
Johnson, James, 711 Mathews
Slocum, Albert, McHenry st
*Swan & Murray, 613 Baldwin
*Tillman, John M., 853 Grove
ELMIRA HEIGHTS—Gregory, Bruce L.
EVERGREEN—(See New York City, Borough of Queens)

FAIRPORT—Longley, F. H.
FISHKILL ON HUDSON—*Conway, Martin (Brick)
*Jones, Amos (Brick)
*Jones, Hubert (Brick)
FLUSHING—(See New York City, Borough of Queens)
FORT EDWARD—Bennett, Albert (Brick)
Bennett, Fred. (Brick & Stone)
Bennett, Samuel H. (Brick & Stone)
Kennedy, James W., Sr. (Brick & Stone)
McShane, Daniel (Brick & Stone)
Moore, John (Brick & Stone)
Pratt, George W. (Brick & Stone)
Rowland, Patrick (Stone)
Stainsby, Thomas (Brick & Stone)
Wicks, Walter (Brick & Stone)
FORT PLAIN—Ditzel, John
FREDONIA—Dunkley, Harry
Roth, William
Wilson, William
GENEVA—*Davis, G. C.
*Dove, W. G. (Large)
Fee, James
Frantz, William
*Morrison, A. B.
GLENS FALLS—Briggs, W. H.
Brodie, Alex.
Camp, James W.
Davidson, W. S. (Stone)
Floyd, W. J.
Freeman, A. O.
Goodson, Oliver (Stone)
Gurney, Harvey (Stone)
Holman, C. L.
Lee, John
Lee, William H.
McCue, Joseph (Brick)
McElligott, Richard (Stone)
McLaughlin, T. A.
Millard, Clarence A. (Stone)
Miller, Edw. (Brick)
Nason, Maurice F.
O'Reldy, Timothy (Stone)
Pike, Albert K.
Pike, G. H.
Riley, John (Brick)
Surprenant, John
Sweeney, John
White, Alonzo
GLOVERSVILLE—*Brace, A. E., 10 Temple
Chevelier, P., 15 Orchard
*Handy, Webster, 39 West
Hemstreet, J. E., 9 Grand
Lake, James K.
Van Deworker, W. R., 29 Elm
GOSHEN—Altman, William C.
GOUVERNEUR—Compo, John
*Post, H. A.
Wright, Hiram
GRANVILLE—Brown, Thomas
Jones, Benj.
Murray, Michael
Turner, Edw. A.
GREAT KILLS—(See New York City, Borough of Richmond)
GREEN ISLAND—McGowan, John
GREENPORT—Case, Herbert M.
Davis, David
Moore, Parker P.
Nagle, Charles
Verity, Thomas
GREENWICH—Parkinson Hiram (Stone & Plasterer)
Smith, Horace (Stone & Plasterer)
HASTINGS UPON HUDSON—Hogan, Thos. E.
Scott, James
Shaler, William
HAVERSTRAW—*Carson, Albert
Conckein, Clark
HEMPSTEAD—*Berg, Theo. P.
*Minshull, Samuel H.
Powers, F., East Meadow
*Powers, Samuel, East Meadow
HERKIMER—Bates, William
Groomes, James
Groomes, Peter
HOLLIS—(See New York City, Borough of Queens)
HORNELLSVILLE—Moorn, James
Poland, William
Stevens, I. M.
HUDSON—Brennan, J. & T. (Brick), 232 Warren
*Brennan, John F. (Brick), 10 W Court
Cruiss, Thomas (Brick), 226 Union
*Fitzgerald, John & Sons, 451 State
Hester, Dennis (Brick), 237 State
Saulpaugh, Robert R. (Brick), 533 Warren
Wallace, Garry (Brick), 938 Columbia
HUNTINGTON—Ireland, David S.
*Ireland, George W. & Son
*Ireland, Henry A.
Miller, Hermann
Sprague, George
Weeks, John B.
*Williams, George & Son
ILION—Hayes, Con.
INWOOD—(See New York City, Borough of Queens)
IRVINGTON—*Murphy, Thomas
ITHACA—*Campbell Bros. Co. (Brick & Stone)
*Drake, Jasper (Brick), 149 N Aurora
*Driscoll Bros. & Co. (Brick)
*Edwards, Alonzo C. (Brick), 8 Linn
*Gardner, Edward T. (Brick), Marshall c Willow av
*Gee, Reuben (Brick), 89 S Cayuga
*Minturn, Alexander H. (Brick), 74 N Geneva
Scott, George N.
JAMAICA—(See New York City, Borough of Queens)
JAMESTOWN—Ackelroye & Sons (Stone)
*Burlin, Gus
*Fox, Wm.
*Jamestown Construction Co.
*McVeigh, James
*Pearl City Stone Co.
*Peterson, Niles A.
*Swanson, Chas. & Co.
KEISCHERVILLE—(See New York City, Borough of Richmond)
KINGSTON—Baer, Geo. J., 17 Westchester
Burger, Homer, 108 St. James
*Campbell & Dempsey, 44 Clinton av
*Darling Bros., 186 Main
Desmond, Dennis J., 55 E Chester
Donaldson, Thos., 128 W Pierpont
*Doyle, Stephen W., 75 Henry
Eckert, Wilson S., Manor av
Ferguson, Dan'l J., 192 Foxhall av
Green, W. S., 84 Clinton av
Kukuk, Henry, 33 Jarrold
McCullough, Wm., 270 W Chestnut
Myers, H. J., 24 Henry
Myers, Jacob F., 88 Henry
*Otis, Henry W., 231 Albany av
Pendleton, Jno. H., 249 E Union
Stentz, Herman, 49 S Pine
Vogel, Chas. & Son, 51 Henry
*Watson, Robt. & Son, 40 Montrepose av
LAUREL HILL—(See New York City, Borough of Queens)
LE ROY—Peck, Wm. A.
Sherman, E.
LESTERSHIRE—Mowry, W. E.
LITTLE FALLS—Boyer, H. M., Monroe
Dale Bros., Western av
LITTLE NECK—Munda, Jno.
Potter, Sylvester
Seaman, Dan'l P.
LOCKPORT—*O'Brien, A. M.
*Stainthorpe, C. N. & Co., 126 Main
LONG ISLAND CITY—(See New York City, Borough of Queens)
MALONE—Boda, Jno.
Bryan, Alex.
Cook, Wm.
Fellion, Fredk.
*Lynch & Vaughan
Tebo, Lewis
*Vaughan, O. W.
MAMARONEK—*Krewet, John F., R. R. av
*McCabe, Richard J.
*Morgan, Edmund O.
*Staub & Cicco
MARINER'S HARBOR—(See New York City, Borough of Richmond)
MATTEAWAN—*Conway, Martin
*Jones, Amos
*Kelley, Edward
*Tillman, S. H.
MECHANICSVILLE—Fuller, Jno. (Brick)
*Hulin Bros. (Stone & Plaster)
Ryan, Dan'l (Stone & Plaster)
Sheehan, Jno. (Brick & Stone)
METROPOLITAN—(See New York City, Borough of Queens)
MIDDLETOWN—Hadden, Geo.
*Lewis & Edwards
Lovely, Jno. A.
Whyte, G. H.
MIDDLE VILLAGE—(See New York City, Borough of Queens)
MT. VERNON—*Bargwald, John
*Bruce, Frank
*Koplin, J., 339 Franklin
Haag, J., 11 Bridge
Hellwig, Michael
Sergeant Bros.
Ultcher, Albert A., 10 N 3d av
NEWARK—Genthner & Schattner
*Schuman, Burcroff & Schuman
NEW BRIGHTON—(See New York City, Borough of Richmond)
NEWBURGH—*Brown, Geo., 219 1st
*Brown, Jno. H., 45½ Lander
*Brown, Wm. J., 43 Carpenter av
*Convery, John P., 108 Renwick
*Hanretty, Wm. R., Elm c Carpenter av
Harrington, Jos. B., 416 1st
*Harrison, Wm., 228 Dubois
*Harrison, Steele, 97 Dubois
*Harrison, Wm., 228 Dubois
*Herbert, Thos., 233 1st
*Huddleson, Robert, 60 Bay View Terrace
*Kernahan, Fred, Fullerton av N of 1st
*Kernahan, Sam'l C., 22 Gidney av
*Leahey, Wm., 208 S William
*McLernon, Hugh, 207 3d
*McNeal, Jno., 161 Johnston
*Peacey, Wm., 14 Denkard av
*Sager, Wm., 15 William
*Sloan, Henry B., 145 Chambers
*Stewart, Jas., 304 1st
*Wilson, J. D. (Large), 207 Liberty
NEW ROCHELLE—*Bartnett, Robert, 106 Church
Bautel, Mathias, Union av
*Doern's, V. Sons, 11 Charles
*New, Jno. F., 26 Union av
*New, J. & Son, 202 Main
*Smith, Thomas, 37 Morris
NEWTOWN—Wall, Thos., B'way n Jackson av

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Anderson, A. L., 453 Bergen
*Anderson's, John D., Sons, 359 Fulton
Ashton, Thos., 519 DeKalb av
Assip, Thos. J., 297 Court
*Auer, Jno. & Sons, 809 Willoughby av
*Auer, Wm., 1107 Myrtle av
Bannon, Jno., 189 Tillary
Barnes, G. W., 881 Myrtle av
Baur, Christian, 17 Hull
Baur, John C. F., 60 Junius
Baur, Wm. F., 17 Hull
Beach, George, 92 Logan
Becker Chas., 880 Herkimer
Beer & Schaffner, 808 B'way
Bensonhurst Bldg Co., 85th c 18th av
*Berlenbach, Frank, 838 Flush. av
Berryman, Alex., 227 Evergreen av
Blass Bros., Montauk av nr New Lots av
Boccio, Antonio, 273 Elton
Bolton, Chas., 168 Franklin
Breziuski, Anthony, 225 Maujer
Briglio, Michael, 486 Adelphi
Brogan, Wm., 311 7th av
Brown, R. H., 1357 Rogers av
Bruckhauser, H'y, 128 Ellery
Burfeind, H'y S., 356 18th
Cameron, Cornelius, 16 Auburn pl
Carlin, P. J. & Co., 26 Court
Carlin, Thos. G., 215 Montague
Carlson, C. J., 464 Pacific
Carr, Geo. W., 308 Bridge
*Carroll, John H., 89 N Portland av
Cathcart, Geo. 142 Hall
Chapman, Walter, 175 Clymer
Choules, B. C. & Son, 85 Cranberry
*Clarke & Stowe (Large), 229 Kent av
*Cleary, Peter (Large), 385 Decatur
Clifton, Henry, 63 Bond
Cobb, Chas. A., 577 Morgan av
Cochrane, William, 65th nr 4th av
Cody, John J., 193 Luquer
Connolly & Son, 324 22nd
Cook, W. T. & Co., 367 Fulton
Corbin, Jno. R. Co., 1516 Flatbush av
Costello, Geo. A., 271 Sumner av
Cozine, C. G. & Co., 4241 Fulton
Cronin, J. J., 126 Boerum pl
Dahl, Chas. W., 242 Chauncey
Danglor, Jos., 143 N 4th
Dawson, Daniel, 145 Centre
Deighan, James, 142 Vernon av
Denton, Seamon E., 579 Evergreen av
Doherty, Jno. H. & Bro., 16 Court
Donlon, Thos., 294 Butler
Dose, M., 85 Sumpter
Dumbleton, John C., 578 Carlton av
Dumbleton, Thos. & Son, 619 Carlton av
Dumbleton, W. & Son, 578 Carlton av
Dunn, Jas., 10 Nassau pl
Edmunds, H., 332 Court
Egan, Peter, 60th nr 12th av
Everett, Chas., 845 Bedford av
Flynn, John J., 326 Gates av
Flynn, William, 265 15th
Fox, William, 171 Hull
Franz, Melchior, 69 Debevoise

Fraser, John, 44 Rock av
Fryer, Walter, 1114 5th av
Fuller & O'Connor, 44 Court
Gallagher, Bernard & Son, 134 B'way
Gallin, John W., 95 S 1st
Garrigues, Milton S., 604 Halsey
Gascoine & Hornby, 4241 Fulton
Gately, A. L., 111 Bedford av
Gentile, Nicholas, 49 Carroll
*Gibbons, John, 570 Court
*Gibbons, M. & Son (Large), 318 Columbia
Gillen, M., 380 Clifton pl
Glen, John., 42 Schaeffer
Godfrey, Emslie & Co., 4 Court sq
Grasman, Hy., 1725 B'way
Haggerty, Jas. & Son, 121 High
Hambel, J., 181 Rutledge
Hanretty, John, 63 Johnson
Hardcastle, Thos., 504 Gates av
Hardcastle & Ashton, 372 Gates av
Harley, Patrick J., 855 Atlantic av
Harrison, Geo., Av I, nr F'bush av
Hartmann, N., 130 18th
Hatch, E. & T., 224 Eldert
Hatch, S. T. & Co., 246 59th
Hayes, Geo. E., 276 Baltic
Hayes, Thomas, 117 Marcy av
Herberger Bros., 26 Scholes
Hoffman, Geo., Rockaway av nr Smith's la
Hohmann, Peter, 591 Liberty av
Howell, Wm. H., 655 Met av
Hubert, J., 146 Noll
Huck, Matthew, 275 Starr
Jamieson, Jas., Jr., Dooley nr Voorhies
Jensen, Peter., 65th nr 13th av
Johnson, Phllip, 143 Leonard
Jones, E. & Son, 101 Kosciusko
Kane, Frank, 3 Schenectady av
Kane, Frank J., 87 Ft. Greene pl
Kane, Jas., 82 Rapelye
Kane, Peter, 817 Bedford av
Keenan, John, 610 Linwood
*Kelly, G. B. (Large), 16 Court
Kelly, Thos., 390 Leonard
*Kelly, Wm. N., 454 Gates av
*Kennedy, Jno. & Son, 175 Front
*Kenny, C. J., 186 Remsen
Kilcoyne, M. & Sons, 239 Palmetto
Kingston, Wm., 85 Irving pl
Kinney, Jas. T., 1239 Atlantic av
Kleinert, Albert E., 305 Baltic
Kleinklaus, J., 55 Grattan
Konig, H'y, 383 Gold
Lacken, Edw. F., 349 10th
Lally, John, 124 Concord
Lambertson, Jer., 318 Dean
Lavin, Thos. M., 327 St. Mark's av
Learian's, Geo. Sons, 23 Ellery
Lemp, John & Son, 177 Marion
Loerch, Ernst, 56 Nimrod
Long & Steinmetz, 850 Flatbush av
Loughlin, James, 23 Little
Lynch, John, 1008 De Kalb
Lynch, John H., 197 Walworth
McAulay, Walter, 903 Marcy av
McCann, Wm. A., 236 Atlantic av
McCoppin, F. H. & Bro., 576 7th av
McDermott, Jno., 322 Henry
McGarry, Wm. P., 236 Huron
McGovern, Hugh, 39 Cheever pl
McGrath, Jas., 1142 Bedford av
McGrath & Gibbons, 8 Vanderbilt av
McKane, Theo., Surf av c W 8th
McNaughton, Lawrence, 614 Pacific
MacArthur, James (Large), 22 Armond pl
Magill, Geo. H., Ocean av nr Neck rd
Manering, Geo., 24 Walworth
Mannering, Wm. J., 913 Bedford av
Maurer, Ulrich, 200 Montrose av
Mertins, A. & Sons, 55 Delmonico pl
Metzler & Hadden, 164 Reid av
Montague, Michael, 405 Van Buren
Mootry, Thos. H., 185 Met. av
Moran, Jas., 1413 Fulton
Muller, Peter, 657 Carroll
Morris Bldg. Co., 207 Ryerson
Nelson, Jno. F., 693 Hicks
Nichol & Weber (Plasterers), E 10th nr Av P
O'Brien, Jno. J., 426 Keap
O'Brien, P. T. & Son, 148 Lee av
O'Connor, M. E., 521 Wil'by av
Ormiston, Edw. F., 692 Marcy av
Ormond, Jas. C., 564 De Kalb av
Oswald, Jno. J., 194 Shepherd av
Palmer, Chas. A., 471 Vand'bt av
Parkin, Jno. & Son, 1603 Beverly rd
Parks, Samuel, 148 Marcy av
*Peckworth, Chas. H. (Large), Albany & E N. Y. avs
Perrie, Frank & Bro., 13 Spencer
Porter, Jno. G. & Co., 158 Classon av
Potavin, Chas. E., 1401 B'way
Potts & Partridge, 1439 Bedford av
Pully, Vincenzo & Son, 10 Reeves pl
Quinn & Devlin, 1636 Fulton
Randall & Miller, 16 Bedford av
Randall & Tunison, 4 Court sq
Reilly, Thos. J., 88 Sumpter
Reilly & Layton, 101 Downing
Reynolds, M. T., 212 E 16th
Reynolds, W. H., 22 Court
Rippingale, Smith, 64 St. Edward
Roeber, Herman, St. Nicholas av nr Palmetto
Rule, Wm., 158 Walworth
*Rush, Myron C. (Large), 327 Franklin av
*Rutan, Abraham, 957 Putnam av
Rutan & Heningham, Court sq
Ryan, Dan'l J. (Large), 723 3d av
Saladino, Jos., 1930 Bergen
Santi, Jos., 60th nr 12th av
Savage, Jno., 232 Spencer
Scanlon, Wm., 252 Pacific
Schweimler, Benville, W 4th nr King's Highway
Shannon, Wm. J., 595 Bergen
Sinnott, T. Jos., 277 E 18th
Smith, Harry M., 229 Miller av
Smith, Matthew & Son, 394 B'way
Spaeth & Senger, 1480 De Kalb av
Stanley, Wm. J., 264 S 4th
Stelter, Jno., 43 S 1st
Stevenson, J. H. & Son, 591 Bergen
Stevenson, John, 157 Hoyt
Stonehouse, M. B., 133 Jeff av
Sullivan, John, 88 Coffey
Tang, Nils, 8th av nr Bay 14th
*Thatcher, Edwin H. (Large), 590 Flatbush av
*Thatcher, John & Son (Large), 54 Park av
Tuite, Thos. F., 539 Van Buren
Urso, Michael, 66th c 14th av
Veit, Herman, 255 De Voe
Vitelli, D. & Bro., 479 Adelphi
Walgrain, Chas., 558 Hart
Walsh, Martin D. (Large), 334 Lex. av
Watson & Otis, 7 Greene av
Weaver, John W., 276 Ainslie
Whittler, Jason P., 238 Java
Wild, Herman, 17 Montrose av
Wright, Chas. H., 692 Mhtn av
Wyeth, John, 321 13th
Zero, T. & Bro., 229 Starr

Boroughs of Manhattan & Bronx

NEW YORK — **ABBOT-GAMBLE CO.** Heavy Masonry, Sea Walls, Breakwaters & Bridge Abutments), 32 B'way
*Acken, Samuel I. & Sons (Large), 1181 B'way
Allen, John, 38 Gold
Allen, Wm. H., 162 W 46th
Allinger, Henry, 423 E 16th
*Altieri, J., 206 B'way
Babich, Jacob, 110 Ludlow
Bach & Dwyer, 217 E 55th
Baldwin & Green, 133rd & St. Nicholas av
Bartlett, W. H. & T., 102 E 126th
*Batton, Jno., 419 W 127th
*Belnhauer, Alfred, 289 4th av
Bell, Thos., 363 9th av
Bennett, Horace S., 605 E 160th
Berrie, Jos., c Albany Post rd & Rock
*Berton & Nickel, 435 E 23d
*Bloodgood, Freeman, Jr., 8 York
Blumberg, Abraham, 160 Canal
Bond, Alfred, 334 W 24th
Bowler, Michael, 98 Cedar
*Bowne, Benj. F., 55 E 130th
*Boyle, Frank, 160 W B'way
Brady, Jno. T. & Co., 4 E 42d
***BRAENDER, PHILIP, 63 W 125th**
Braun, Jno. F., 1370 B'way
*Brennan, Peter J. (Large), 1931 B'way
*Brose, Andrew, 1 Madison av
Brown, H. & Sons, 373 Pleasant av
Brown, Jas. E., 569 Eagle av
Bruckner, Peter & Son, 267 W 33d
Buckley, Jos. R., 843 6th av
*Bunn & Nase, 1123 B'way
Burke, J. L., 1603 Amsterdam av
*Burke, Luke A. (Large), 401 W 59th
Burns, Patk., 802 8th av
Byrne, Andrew J., 210 E 77th
Caddle, Jas., 1252 2d av
*Callahan, Daniel, 150 E 23d
Cameron, Jno., White Plains av, W'ms. brldge
Carey, M. J. & Co., 1123 B'way
*Casey & Long (Large), 347 E 44th
Clement, Jos. O., 38 Park row
Close, Peter V., 561 Hudson
*Cockerill, Thos. & Son (Large), 147 Columbus av
*Cohen, L., 232 Cherry
Connell, Frank J., 217 W 125th
*Connors, Thos. D., 1123 B'way
*Conover, W. A. & F. E., 253 B'way
Conroy Bros., E 137th c Madison av
Conroy, Patk. J., 590 E 137th
Contessa, Vito, 226 E 121st
*Cook, O. W. & Son, 142 W 38th
*Cosse & Hurlburt, 1133 B'way
*Coste, John B., 121 W 25th
Costello, Martin, 408 E 18th
Cotter, Jas. M., 100 E 84th
Cowan, Thos. H., 168 E 106th
*Cowen, Chas. A. & Co. (Large), 1123 B'way
Cranwell & Son, 1931 B'way
*Crawford, Wm. (Large), 5 E 42d
Crocoll, Jno., 1311 3d av
*Crow, Wm. L., 287 4th av
Crowe, J. G. & Co., 364 W 53rd
Crozier, J. N. & Co., 178 E 124th
Curran, Thos., 796 7th av
Curtin, Jno., 344 4th av
*Dall, J. Construction Co. (Large), 12 E 23d
Daly, Jer., 343 W B'way
D'Andre, Antonio, Garfield, Van Nest
*Dawson & Archer (Large), 150 5th av
De Baun, Jno. F., 1368 B'way
Deegan, Hugh J., 518 W 123d
*Deeves, John H. & Bro., 287 4th
*Deeves, Richard & Son, 309 B'way
Deisler & Stevenson, 1133 B'way
Derr, Geo., 128 W 18th
Dimaria, Nicola & Co., Tacoma nr St. Lawrence av, Van Nest
*Dinger, Charles & Son, 51 John
Donnelly & Shannon, 11 E 134th
*Dowd & Maslem, 217 W 125th
*Downey, Jno. (Est. of), 410 W 34th
Doyle, Matthew T., 872 6th av
Duffy, Andrew F., 865 6th av
Dunn, W. & Sons, 997 Grant av
Durkin, Jno. J., 1242 3d av
*Dwyer, Thos. (Large), 160 5th av
*Edgar's Geo. C. Sons & Co., 2 W 88th
Eggers, Geo. W., 946 St. Nicholas av
*Eidlitz, Marc & Son (Large), 489 5th av
*Elderd, Wm. E. (Large), 2281 3d av
Exner, Paul J., 17 Park Row
Falella, Jos., 892 E 187th
*Farley, Jno. T. & Jas. A., 571 5th av
*Farley, Jos. A. Construction Co., 7 E 42d
*Farrell, Hopper & Co. (Foundations & Heavy Masonry), 112 W 111th
Fenn, Chas. V., 311 W 39th
Fettretch's, James, Son & Co., 475 Park av
*Flnney, C. H. & Sons, 925 6th av
Flsh, Jno. J., 50 Beck
*Fissell & Wagner, 1133 B'way
Flannery, Jno., 770 2d av
Fleischer, Jacob, 498 Wales av
Forbes, David, 119 G'wich av
Forsythe, Alex., Albany Post rd, Van Cortlandt Sta.
Frees, John, 612 E 156th
Freudenmacher, Philip & Son, 567 E 154th
Fruhling, August F., 102 W 127th
*Fuller, Geo. A. Co., (Large), 135 B'way
*Gallagher, Patrick, 11 E 59th
*Galligan's, T. P. Son, 528 E 17th
Gallin, Jno. W., 383 Cherry
*Gardner, Harry D., 249 E 118th
Gardner, I. & Son, 216 E 121st
*Garnsey, Erasmus D., 134 W 23d
*General Building & Construction Co. (Large & Heavy Buildings), 100 B'way
Gensheimer, Casper, 3442 3d av
*Getty, Hugh (Large), 274 9th av
Ghelardi, C. & Bros., 467 W 165th
Gillespie Bros., 1133 B'way
Gillie, Jos. B., 1676 Amsterdam av
Gillings, Peter C., 104 5th, Williamsbridge
Gollek & Smith, 1133 B'way
Gordon, Jno., 24 E 12th
Grahn, Chas. H., Louise, Van Nest
*Gray, Jno. R., 223 W 42d
Griffin, W. H. & S. J., 409 E 18th
*Guerin, Wm. F., 413 Hudson
*Guidone & Galardi (Large), 114 E 23d
Hackett-Hankinson Bldg. Cons. Co., 93 Watts
Haffey, Samuel, 404 W 32d
Hahn, Lambert, 39 Sullivan
Haigh & Hutchings, 1931 B'way
Hall, Arch'd C. & H. M., 2441 7th av
*Hall, W. W. & T. M. (Large), 11 E 42d
*Hall & Grant Construction Co. (Large), 140 Nassau
Hall's, Wm. Sons, 39 E 42d
*Hankinson, J. Charles, 93 Watts
Hanks, Samuel E., 117 Charles
Hanlon, Jas., 89 Barrow
*Hanna, Wm. C., 1 Grand
Hargrave, Wm. J., 169th n Sheridan av

Harris, Michael J., 418 3d av
*Hart, Chas. F., 56 New
Hartigan, David, 131 E 120th
*Hartman & Hogan (Large), 287 4th av
Head, Patrick, 931 3d av
Hearn, Jno. J., 504 W 41st
*Hedden, V. J. & Sons (Large), 1 Madison av
*Helms, William, 100 W 39th
Hild, Jno. & Son, 322 W 42d
Hillyard, Geo. D., Jr., 134 E 31st
*Hoe's James C. Sons, 10 Liberty pl
Hoehn, Philip & Sons, 627 E 157th
*Hogencamp, Jno. W. & Son, 136 W 55th
*Holst, Christ, 331 E 14th
*Hood, R. H. Co. (Heavy Masonry), 220 B'way
*Hopkins & Hall, 245 B'way
*Hopper, Isaac A. & Son (Large), 160 5th av
Horne, Wm. Co., 245 W 26th
*Hubener, L. A., 32 Delancey
Hughes, P. R., 158 E 31st
Hughes, Thos. F., 234 E 34th
*Hurley, Jno., 156 5th av
*Huson, Robt., 331 E 28th
Hyde, Jno. M., 65 E 129th
Johnston, A. J. & Son, 163 Maiden la
Johnston, Jas. D. Co., 38 Park Row
Jorgensen, Chas. G., 1283 Hoe
Keeler, Jno. J., 33 Day
Kelley, Jas. H. & Son, 122 Bleecker
*Kelly, Kelley (Large), 45 E 42d
Kelly & Co., 16 Howard
Kennedy, Jno. & Co., 1133 B'way
King, Samuel T., 402 W 44th
Kingston, Geo. W. & Son, 924 E 149th
Klein, Louis, 315 E 54th
Knowlton, Alex. S., 160 Maiden la
Koenig, Jacob, 179 3d
Lacoste, Jas. M., 505 E 144th
Lafond, Louis, 610 E 151st
*Laimbeer, John, Jr., 239 W 50th
Lakner & Co., 133 3d av
*Lamb, W. & T. (Large), 99 Nassau
Lang's, Michael Son, 104 Av A
Laneri, Louis, 23 Macdougal
Lang's, Mich'l Son, 104 Av A
Larkin, Thos. J., 498 W 130th
Lawless Bros., 1072 3d av
Leddy, Patrick E., 171 E 51st
*Leddy & Moore, 41 Christopher
*Lee, Hugh, 103 W 24th
Leimer, Jos. J., 145 Sullivan
Lespergers, Salvator, 13th, Williamsbridge
*Lewis & Jones, 2 W 14th
Lippe, H. F. & Bro., 1788 1st av
*List & Lennon, 147 Columbus
Lithgow, George W., 97 King
Lochmann, C. & Son, 451 2d av
Lough, P. C. & Co., 65 Cherry
*Lyons, Frank, 280 B'way
*Lyons, Jeremiah C., 128 B'way
McAuliffe, Timothy, 2937 S Boulevard
McBrien, Jno. B., 71 Morton
*McCafferty & Buckley, 384 Park av
McCarthy, Jas., 1068 3d av
McCarthy, Patrick H., 25 E 12th
McCarty, Lawrence J., Saxe av, Van Nest
McClatchy, Geo. R., 620 W 25th
McCormack, Frank, 469 4th av
McCracken, Wm., 235 W 116th
McDermott, Jas. E., 206 W 93d
McEnery, Thos., 221 W 81st
*McEntyre, P. B. & Son, 220 W 36th
McEntee & O'Brien, 1123 B'way
McGarity, Jas., 1612 Bathgate av
McGuckin, Robt., 433 W 42d
McKenna, Thomas, Saxe av, Van Nest
*McKean's, Wm. Sons, 48 Bank
*McKinney, John J., 164 W 29th
*McKune, C. S. Co., 1368 B'way
McLaughlin, Thos. J., 1123 B'way
*McManus, Thos. & Son, 81 E 125th
*McMurror, C. & Son, 247 Spring
*McNally, Harry, 396 B'way
McNally, James, 160 Spring
McRae, Christopher, 1034 E 180th
*MacArthur Bros. Co. (Large), 11 Pine
Maek, Chas. H., 16th av, Wakefield
*Mackey, O. T. & Co., 1 Madison av
Magee Bros., 20 Bible House
Maguire, Michael, 88 G'wich
*Mahoney Bros., 107 W 46th
Mahoney, Dennis J., 71 King
*Mahoney, Robt. J., 1133 B'way
Mancinelli, Pasquale, 2866 Webster av
Martin, Jos., 582 Amsterdam av
*Mason & Co., 138 E 42d
Meier, Geo., 351 W 39th
Michael, Chas., 145 E 126th
*Moore, Alex., 522 W 52d
Morris, Thos., 120 9th av
Muldoon, Edw., 240 W 126th
*Muldoon, Francis, 657 5th av
Muldoon, Francis, 500 Madison av
Muldoon, Jno., 500 Madison av
Muller, Jacob, 1218 3d av
*Murdock, Harvey, 116 Nassau
*Murphy Bros., 407 E 101st
*Murphy, James D. Construction Co. (Large), 1183 B'way
Murphy, Jno. T., 132 Av C
Murphy Wm., 1181 B'way
*Murphy, Wm. H., 150 5th av
Murray, Isaac A., 416 W 127th
Nash, Sidney H., 618 E 142d
Niland, Peter, 329 W 17th
***NORCROSS BROS. CO. (Large),** 160 5th av. (See adv. index, end of book)
Nordmann, Wm. B., Matilda, Wakefield
*Nugent, Alfred & Son, 508 E 117th
O'Beirne, Francis J., 468 8th av
O'Connor, Francis X., 256 W 54th
O'Dowd, E. & Sons, 452 W B'way
Onorato, Patrick, White Plains rd, Wakefield
Ormsby, Geo., 152 Leonard
Orr, Henry, 1565 Park av
O'Shea, W. L. & G. H., 29 B'way
Owens, Jas. J., 134 W 117th
Pape, Wm. J., 232 E 64th
*Parker, John H. Co. (Large), 225 4th av
Parkinson, Charles, 67 Greenwich
Pacquini, A., 1123 B'way
Parsells, Jno., 203 W 17th
Parsons, Chas. F., 34 Beck
Peckworth, Chas. H., 415 Hudson
Pennock, J. E. & A. L. (Large), 1133 B'way
Philbin, P. F. & Son, 232 7th av
*Pinchbeck, J. & J. A., 674 Columbus av
Pinelli Bros., 1st, Williamsbridge
Poerschke, Edw. H., 107 Bible House
Pool, J., 1 Peck Slip
*Porter, Jno. G., 36 Beekman
*Potterton Bros., 215 W 28th
*Powell, James D. & Bro., 216 E 24th
*Probst, Herman, 10 W 22d
*Prodgers, Geo. W., 287 4th av
Quish Bros., 786 9th av
*Randall, Stephen M., 1123 B'way
Raynor, Hy. C., 219 W 125th
Read, Henry, 60 Cliff
*Regan, Edw., 366 W 15th
Reid, Chas. E., 555 W 57th
*Reid, M. & Co. (Large), 18 E 20th
*Reid, Walter & Co., 156 5th av
Reilly, Austin J., 1304 3d av
*Reilly, Thos. J., 156 5th av
*Reinhardt Bros., 643 5th
Reis, Jno., White Plains rd, Wakefield
*Remington Construction Co. (Large & Heavy Buildings a Specialty), 135 B'way
Repp, Geo., 516 E 84th
Reynolds, Jas., 167 7th av
Rhodius, Julius, 1556 Av A
Riley, G. H., 106 Trinity pl
*Roberts, Peter & Co., 33 Sullivan
Robertson & Gammie, 361 W 127th
*Robinson, Andrew J. Co. (Large), 123 E 23d
Robinson, David O., 135 E 123d
Rose, Wm. & Son, 255 W 27th
Rosenberg, Morris, 11 Allen
Rubino, Henry, 505 5th
*Ruddell, Jno. & Geo. W., 103 W 121st
Ryan, Dennis, 89 G'wich av
*Ryan, Peter J. (Large), 314 W 44th
*Ryan & McFerran, 106 E 23d
Sage, David, Ackerman n Riverdale av
Sandberg & Feek, 5 E 14th
*Schaeffler, Peter & Son, 75 Bible House
Scheidecker, Chas., 556 W 170th
*Schmitt, M. & Co., 274 E 4th
Schneckenburger, Marquis, Harrison av, Van Nest
Schuerkes, Theodore, 194 Hudson
Schuh, Chas. P., 4 Albany
Schneider, August, 921 1st av
Schnickberg, Max & Co., Classon av n Westchester av, Unionport
Schubiger, Jacob, 217 Centre
Scoales, Hugh, 408 E 53d
Scottino, Comilo, Wash'n av, Westchester
Sedore, Chas. H., 262 W Houston
Seery, Wm., 152 6th av
Shannon, Jos., Fulton st, Wakefield
*Sheehan, John R. & Co. (Large), 160 5th av
Sheeran, James, 526 E 74th
Shepherd, Henry B., 154 3d av
*Sheridan, Bernard & Son, 317 E 75th
Sieber, Valentine, 166 Duane
Slade, Wm. G., 100 Duane
*Slevin, Jas. F., 12 Chambers
*Smith, Edw., 3403 3d av
*Smith, F. V. & Co., 147 E 125th
Smith, Philip, 57 Norfolk
Smith, Thos., 1557 3d av
*Spearing, James J. & Son, 136 W 30th
Spears, Jos., 2281 3d av
Staiger, Gustave, 119 E 95th
Stannard, Ambrose B. (Heavy & Government Buildings), 1133 B'way
Steg, Henry, 179 3d
Stegmayer, Jos., 306 E 82d
Stelz, Henry, Prospect st, C. I.
*Stevens, Jno. W. Bldg. Co., 156 5th av
Stevenson, Jas. T., 1133 B'way
STEWART, JAS. & CO. (Large), North Amer. Trust bldg
Stoecken, Jno., 305 E 81st
Story & Flickinger, 52 Bond
Straub, A. S., 217 W 125th
Strebel, Conrad, 315 E 29th
*Streiffer Bros., 241 W 143d
*Sturgis & Hill Co., 42 E 23d
Streppone, Pasquale, 230 E 111th
*Sullivan, Pat'k (Large), 230 Grand
Taaffe, Wm., 315 9th av
Taffe, Jno., 442 3d av
*Teets, J. W. & A. A., 505 Manhattan av
***THOMPSON-STARRATT CO.** (General Building Construction), 51 Wall
*Tidewater Bldg. Co. (Large), 25 W 26th
Tolmie & Kerr, 205 W 30th
*Tracy, M. J. & Son, 1839 3d av
Trafford, Roswell L., 516 Columbus av
Travers, Howard, Harrison av, Van Nest
Tremel & Fuchs, 42 2d av
Tucker, Edwin, 156 5th av
*Tucker, John J. & Sons (Large), 156 5th av
Turton, Jno. K., 1133 B'way
Twigg, Chas., 176 St Anns av
Van Aken, Chas. H., 148 W 4th
Van Houten, Erskine, 1181 3d av
Van Riper, F. G. & G. T., 147 E 23d
*Vassar's, Geo., Son & Co. (Large), 111 5th av
Vickers & Morris, 150 Nassau
Vigna, Emilio, 226 E 121st
Villiger, Caspar, 1092 Wash'n av
Vollmer, Fred. G., 225 Grand
*Vondendriesch, Albert (Large), 204 E 86th
Vunck & Sherman, 150 Nassau
*Wakeham & Miller, 1133 B'way
Wales, Wm. H., 471 Lowell
Wall, Chas., 201 E 126th
*Walsh, P. J. (Large), 503 5th av
*Walsh Patrick, 420 W 25th
Ward, H., 1476 3d av
Waters, Thos. J., 334 St. Nicholas av
Watson & Egan, 61 Ann
*Weber, Jno. & Sons, 10 E 23d
*Weber, Louis Building Co., 1123 B'way
Weed, H. M. & Co. (Large), 124 W 45th
*Weeks, D. C. & Son, 287 4th av
Weeks, H. A. Co., 105 E 17th
Westphal, Henry, 236 E 53d
Whitlock, Wm. B., 164 Mulberry
*Whitney, A. R., Jr., & Co. (Large), 135 B'way
Whyte, James B., 333 3d av
Wilckens, Edw., 471 Pearl
Wilkens, Gustav, 207 E 51st
*Wilis, Chas. T., 156 5th av
Wilson, H. & Son, 314 W 4th
*Wilson, R., 26 Cortlandt
Witson, Henry, 565 3d av
Wood, Edw. F., Crescent av n Hughes av
Wright, Garret S., 421 W 24th
Wright, Wm. H. & Son, 2808 3d av
Wright's, Wm. Sons, 352 W 16th
***ZIMMERMAN, JACOB A., 1358** B'way. (See adv. opposite page)

Borough of Queens

BAYSIDE—Shaw, Christopher
CHESTER PARK—Seiprico, Michael
Van Houten, James
COLLEGE POINT—Brick, Edward, 15th n 7th av
*Carroll, Patrick, 14th n 5th av
Horakh, Christian, 3d av n 22d
Miller, Chas., 8th n 2d av
Rau, Christian, 14th n 7th av
*Tracy, Richard, c 17th & 3d av
*Wilkinson, Jno., 15th n 7th av
Williams, Thos., 106 11th
CORONA—Blum, Jno., Lent n Jackson av
Heather, Wm. T., Linden & Park
Lawrence, Jno. A., Grand av n Main
Randall, Geo., Evergreen av
Rowland, Henry, Montgomery av
Schlimm, Wm., Park n Central av

DOUGLASTON—Munda, John
Seaman, Daniel P.
EVERGREEN—Dahnken, John T., Wash'n av
Harlow, William
Kuhn, Geo.
Wolters, Gottfried
FLUSHING—*Jarvis Bros., 13 S[illegible]
Ketcham, Chas. H., 132 W[illegible]
*Van Riper, Isaac & Sons, [illegible]coln
*Wilson. John H. 141 Wash[illegible]
HOLLIS—Germond, Wellington
JAMAICA—Bogue, Felix, Orchard n Grand
Burke, Edward, Shelton av n Grand
*Carman, Stephen B., 32 Ackroyd av
*Clary, Thos. W., Ray n Fulton
Connell, Jno.
Freese, Chas., 85 Fulton
Hayes, Thos. B., 22 Park pl
*Higgins, Thos., c Wash & Centre
McDonald, Thos. F., Dora av
McHugh & Clark, 94 Willow
Slaughter, Geo. A., 7 Clayton pl
Shier, Wm.
Smith, Lawrence E., 590 Fulton
LAUREL HILL—Carroll, Danl.
LONG ISLAND CITY—Amann, Jos., 277 Steinway av
Baraglia, Antonio, 25 N Wash'n pl
Brady, Michael, 86 Marion
Briggs, John, 123 Newton av
Butterfield, Jno., 43 Cooper
Flanagan, Edward F., 1127 Van Alst av
Holzammer & Fauerbach, 407 Hancock
Moore, John W., 195 12th
Muller, Richd. A., 29 3d av
Plumb, Bruno, 228 6th av
Schiller, Geo., 567 Steinway
Schmidt, Gustav, Jr., 345 Steinway av
*Woodruff, C. Curtis & Co., 213 10th
MASPETH—Asheld, Jas., Grand nr Fisk av
Blaser, Jos.
METROPOLITAN—Gerlipp, Jacob
MIDDLE VILLAGE—Riede, Boniface
OCEANUS—Chevalier, O. W.
Hotaling, Edwd. R., Division av
Knoll, Henry, Kane av
Molle, Chas., Grove av
Stultz, Ralph C., Kneer av
OZONE PARK—Beadle, Vernal H.
Shaw, Wm.
QUEENS—Lieber, Benj.
SPRINGFIELD—Stuart, Fredk. J.
WHITESTONE—Barnes, Thos., 22d n 7th av
Harpell, Geo. W., 21st n 8th av
Kane, Robert, 14th n 8th av
Miller, Eugene B., 9 Boulevard
Mohat, Guilbert
Mold, Richard, 18th n 11th
*Nostrand, Garrett, 6th n 23d
*Shea, Edw., 19th n 11th av
Wood, Wm., 172 11th av
WINFIELD JUNCTION— Roden, Wm. H.
WOODHAVEN—Bittenbach, Julius, 124 7th
Blitch, John A., 158 1st
Boeram, Henry, Walker av
Schreyer, August, Centre av
Severson, Julius, Atlantic av
Winsor, Robert, Napier pl
WOODSIDE—Chalk, Jno., Riker av
*Wise, Lawrence E., 5th st

Borough of Richmond

CASTLETON CORNERS—Hale, Wm.
Schwald, Adolph
MARINERS' HARBOR—Bailey, Robert
Burke, Jno. C.
Osborne Bros.
NEW BRIGHTON—Adams, Frank, 49 B'way
Bowe, Wm.
Brady & Bowen, 168 Jersey
*Child, Patrick, 21 5th av
Fetherston, Thos. J., 65 York av
Ripley, David, 35 4th av
NEW DORP—Connelly, James
Crute, Stephen & Son
PORT RICHMOND—Bennett, Jas., Prospect
*Hardy, Thos., 22 Maple av
*Milnes, John, 2 Hatfield pl
Morgan, Terence J., Egbertville
*Proud, Edward J. T., 12 Simonson pl
Schneider, Henry A., 51 Anderson av
*Simonson, H. L., 101 Heberton av
PRINCE'S BAY—Bedell, Cornelius, C., Pleasant Plains
Slaight, John W.
ROSEBANK—Andreoli, Andrew
Ewald, Constantine, Clifton P O
ROSSVILLE—Androvette, Howard F., Huguenot
Comerford, Thomas
STAPLETON—Blum, Wm., Garden c Broad
Frochel, Henry, Oder av, Concord
McDermott, Wm., 3 Clark
*Rinschler, Frank, Sand st
Troutt, Geo. L., 4 Broad
Trumpore, Alex., 88 Beach
TOMPKINSVILLE—Halliday, Geo. W., 53 Sarah Ann
Styles, Jas. J., Minthorne
TOTTENVILLE—Reid Hiram A.
Vaughan, Wm. L., 920 Fisher av
WEST NEW BRIGHTON—*Adams, Frank, 49 B'way
Anderson, J. Irving, Fisk av, Prohibition pk
*Archer, Christopher, 29 Bodine
Moore, James, 32 South
Moore, Thomas, 6 Britton

(END OF NEW YORK CITY.)

NIAGARA FALLS—Cook, John, 1310 South av
*Cowdrick, W. J. S. & Co.
*Lennon, John, 1328 South av
Makin, Alexander, 569 3d
*Sandstrum, John & Son, 539 9th
*Shepard, William A., 801 Pine av
*Wagner, John, 711 Willow
*Young, R., 256 3d
NORTH TONAWANDA—Renke, William
NORWICH—*Benett, D.
*Benett, H.
NYACK—*Abrams, Chas. E. & Co. (General)
*McGee, John
OCEANUS—(See New York City, Borough of Queens)
OGDENSBURG—Feeley, Thos., 65 Ford av
Hand, William S., 16 Franklin
Morley, George H., 120 N. Y. av
OLEAN—Donahue, Ed.
Goltz, F. W
*Taylor, B. U. (Large)
Wetherill, James
ONEIDA—*Fisher, H. W., 71 Elizabeth
Fisher, Werley
Gokes, M.
ONEONTA—Butts, H. L. (Brick)
*Butts, J. P. (Brick)
Elliott, W. (Brick)
Goodenough, J. (Brick)
Hotaling, W. J. (Brick)
OSSINING—*Valentine, Eli
OSWEGO—*Allen, Wm. D., ft Market
Barnett, John, 57 Montcalm
Coy, Arthur W., Seneca, c 5th
Coy, Benj., 340 W 5th
Mentro, Louis A., 168 W Seneca
OWEGO—Barnett, John
Casterline, James (Brick)
*Ford Bros.
Jones, George (Brick)
Noonan, Daniel (Stone)
Terwilliger, J. E. (Brick & Stone)
OZONE PARK—(See New York City, Borough of Queens)
PATCHOGUE—Boddy, James R.
Boddy, Samuel
Gordon, Isaac
*Hiddink, John & Sons
Jones, Seaman
Owens, Daniel
Parks, John G.
Parks, R. H.
Payne, Frank
PENN YAN—Carey Bros.
*Flahive, James
Kelly, Charles
Willoughby, H.
PLATTSBURGH—Durkee, Charles H.
*Fitzpatrick, M. J.
*Pennington, Alfred
PORTCHESTER—Merrit, J. O.
Weir, James
PORT JEFFERSON—Burke, James
Fowler, Alfred
Lawrence, James & Sons
Plasket, Isaac
PORT JERVIS—Jones, David (Stone)
Palmer, Ames (Stone)
Place, Joseph (Brick)
PORT RICHMOND—(See New York City, Borough of Richmond)
POUGHKEEPSIE—*Becker, Peter, 17 Perry
*Dobbs, Joseph Sons, 37 Gifford av
*McNamee, Hiram, 130 Pine
*Obert, Frank X., 94 Pine
*O'Donnell, John, 19 North
*Slater & Burger, 49 Market
*Van Aken, George, 33 Marshall
PRINCE'S BAY—(See New York City, Borough of Richmond)
QUEENS—(See New York City, Borough of Queens)
RICHMOND—(See New York City, Borough of Richmond)
RIVERHEAD—Downs, Nathan A.
*Reeve, H. & Son
Whitney, John
ROCHESTER—Albright, E. L., 218 Reynolds
Allen, Chas. W., 5 Harvest
Allmeroth, Henry, Jr., 256 Lincoln
Beale & Beisheim, 367 Goodman
Belt, Danby, 42 Meng pl
Bergmann, John N., 9 Henry
*Binsack, Frank, 325 Maple
*Brayer & Albaugh (Large, Heavy Masonry), 27 Main, E
Burgess, Charles C., 647 Genesee
*Chambers & Casey (Large), Powers bldg
Christ, Fred'k, 513 Parsells av
Cliff, William, 36 Barton

JACOB A. ZIMMERMANN,

Mason, Builder and General Contractor

1358 BROADWAY, - - NEW YORK.

TELEPHONE CONNECTION.

*Cooper, Joseph, 24 Santee
*De Jonge Bros., 393 Joseph av
Edgerton, H. H., 27 Main, E
*Ellsworth & Grant (Large), 81 Insurance bldg
*Engle, Leopold, Keller, n Ulm
*Englert, Anthony, 376 Maple
Ferge, George F., 22 Henrietta
*Ferge, Henry, 1058 Clinton av, S
Ferge, Stephen, 28 Bly
*Friederich, A. & Sons Co. (Large)
Garrison, G. B. (Large), 4 Walton
Geminder, J. C., 43 Hollister
*Gorsline, Swan & Rice (Large), 243 Powers blk
Hall, Henry, 23 Champlain
*Hasenauer, Chas., 506 Bay
Hauck, Peter G. (Large), 55 Lincoln
Justice, John H., 54 Orange
Kahler, Frank J., 199 Wilder
*Karweick, John & Son, 48 Rauber
*Kearney Bros., 129 Scio
Keller, George, 30 Roth
*Kleinow, John, 14 Niagara
Knapp, Lincoln F., 5 Greeley
*Kneale, A. J., 197 Chestnut
Kreh, Samuel, 582 N Goodman
Krewer, Michael, 323 Wilder
Lauer, Harvey M., 2 Mathews
*Marsielle, Abraham & Son, 41 Buchan pk
Maxon, W. J., 16 Greig
Meyer, Joseph, 51 Scranton
Miller, J. S., 1436 Main, E
*Pappert, A. & Son, 707 Clinton av, S
Reinstadler, August, 446 Clifford
*Roth, Matthias, 276 Hudson av
Schoen, Wenzel, 439 Campbell
*Stallman, F. P., 151 Adams
*Stallman, Henry P. & Sons, 712 St. Paul
*Strauchen, Edward, 155 Portland av
*Strauchen, John R., 5 Brinker place
*Summerhays, Wm. & Sons, 35 Smith blk
*Thiem, Herman C. & Co., 963 St. Paul
*Traugott, Fred'k G., 207 William
Voellinger, Louis, 425 Gregory
Weber, Louis, 28 Weeger
Zulinski, Stephen, 513 Hudson av

ROME—Byam, C. & S. (Brick & Stone)
Byam, David
*Crammond, W. J. (Brick & Stone), 109 S George
*McDaniel & Preston
*Parry & Jones (Brick & Stone), 112 N Washington

ROSEBANK—(See New York City, Borough of Richmond)

ROSSVILLE—(See New York City, Borough of Richmond)

SANDY HILL—Beaulac, P., Jr.
Bromley, Harry J.
Cushing, J. C.
Dickens, A. J.
Freeman, L. F.
Robillard, J. B.
Stainsby, E. A.
Smith, M. M.

SARATOGA SPRINGS—Donge, Mich'l
Gaffney, R. & Son
Leary, Dan'l
*Pierson, C. & Co.
*Williams & Dunn

SAUGERTIES—Cunyes, Norman

SCHENECTADY—Hayes, Philo E., 914 Strong
*Kinum, Andrew, 119 Park pl
*McDermott, John, 108 Romeyn
McEncroe, Jno., 709 Union
Scoville, Chas. L., 504 State
*Wellman, Walter, 922 State

SENECA FALLS—Barlow, Geo., 25 State

SOUTHAMPTON—*Corrigan, Edw. J.
*Cross, Allen
Duryea, Frederick
Elbridge, Eugene
Smith, Henry A.
Topping, Theodore G.

SPRINGLAND—(See New York City, Borough of Queens)

STAPLETON—(See New York City, Borough of Richmond)

SYRACUSE—*Alpeter, Geo. H. & Son, 635 N Salina
Barry, Michael, 112 S Hudson
*Barry, Richard, 520 E Adam
Barry, William, 727 E Adams
Bell, Wm., 23 New Butternut
Benedict, E. D., 1413 Madison
Boland, Wm. T., 412 1st av
*Broadhurst, Isaac H., 311 Herkimer
Brown, J. W., 909 Oak
*Burchill, John, 227 W Kennedy
*Bustin, John W., 405 W Onondaga
*Carr, William, 113 E Castle
Carroll, John C., 617 Hickory
Charles, N., 411 Cayuga
Clynes, Edw. E., 543 Renwick av
Cottet, Alvin, 204 W Colvin
Dawson, Rich., 823 S Salina
Delmonico Bros., 804 Kirkpatrick
Fickles, William, 608 Ash
Flynn, Edw., 110 Sullivan
Ginnelly, Owen, 635 Burnet av
Hall, T. N., 710 Hickory
Harrison, F. X., 114 Sabine
*Hemmer's, John, Sons, 215 Basin
Hilts, Jas. F., 210 Almond
Howell, Jno. R., 401 Lancaster av
*Hueber Bros., 134 Garfield av
*Hughes Bros. & Bangs (Large) (Stone), Kirk bldg
Lane, Daniel, 806 Vine
Lane, Dennis, 222 Lincoln av
Lane, James, 132 Fitch
Lang, Peter, 888 S Beech
*Leamy Bros. (Large), 357 S Warren
*Leamy, J. A. (Large), 1118 Grape
*Lohmann, Louis, 826 Park
Maloney, Thos. A., 548 Seymour
Mara, Rhody (Stone), 17 Lynch blk
Marnell, Thomas, 228 W Belden av
*Mason, Amos L. (Large), 610 Court
*Merrick, C. & L. S. (Large), 1008 S Salina
Michel, Jno., 710 Park
*Murphy, David, 234 Lincoln av
Nicholson, D. W., 610 Bear
Norton, Jno. H., 127 E Brighton av
O'Brien, Thomas, 639 Madison
*O'Brien & Hoolihan (Large), 1718 Park
Owen, Jno. H., 128 Hatch av
*Pack, Geo. W., & Son (Stone), 415 E Water
Rafferty & O'Hara (Large), 516 Jackson
Richer, Geo. W., 117 Shonnard
Rowell, Chas. A., 208 Oak
Rubel, Daniel (Stone), 1222 N State
*Ryan, Henry J., 342 South av
*Shannahan & Posthill, 459 Shonnard
Stevenson, H. W., 810 Almond
*Trett, Wm. J., 202 W Beard av
*Van Wagner, Albert, 613 Irving av
Wilkinson, David, 205 N State
Woodmancy, Melvin R., 104 Leon

TARRYTOWN—*Bird & Parr (General)
*Bryant, A. B. (Brick & Stone)
*Odell, Louis (Brick & Stone)
Parr, James (Brick & Stone)

TOMPKINSVILLE—(See New York City, Borough of Richmond)

TOTTENVILLE—(See New York City, Borough of Richmond)

TROY—*Behan, W. T., 1038 5th av
*Boland, Chas. P. Co. (Large), 2108 7th av
*Campaigne, Thos., Brunswick av cor Bank
*Cary, Robt. T., 1704 Highland av
Daly, Patrick, 102 9th
*Dollard, James (Large), 372 8th
*Edwards, Edw. & Son, 369 Congress
*Ellis Bros., 335 9th
Ives & Kennedy, 148 3d av
*Kelly, Edward, 143 3d
*Magill & Crowley, 148 2d
*Morrissey, James H., 371 2d

UTICA—*Allen, B. & Sons (Stone), 47 Park av
Antes, Jno., 229 Dudley av
Appleton, Wm., 127 Miller
Byrnes, Thos., 163 Elm
Donovan, John, 8 Barnes
Garrett Bros., 232 Howard av
Gray, James, 120 Eagle
Griffiths & Pierce (General), 72 Charlotte
Hickey, Thos. C. & Co., 24 Elm
Higgs, Samuel R., 129 Eagle
Hughes, John F., 33 Charlotte
*Jones & Shippy, 59 Charlotte
Jordan, Patrick J., 12 Brayton Park pl
*Kerner, P. & Son, 2 Canal
*McCann, Wm. H. (Stone), 207 Rutger
McDermott & Lancaster, Winston bldg
Maxwell, Wm., Jr., 53 Tracy
Redmond, John, 45 Eagle
*Richards, R. & Son, 67 Charlotte
Roberts & Williams, 64 South
*Wilkens, F. D. N., 167 Columbia

WALDEN—Decker, Hanford
Rosencrans, Isaiah
Teas, John J.

WALTON—Brown, Geo. (Stone)
Brown, J. H.
Howland, C. B.

WARSAW—Brennan, Wm.
Curry, W. H.
Christ, Otto
Williams, Herb.

WATERFORD—Slade, Geo D.

WATERLOO—Van Riper, Jno. (Brick & Stone)

WATERTOWN—Bigham, Thos., 74 State
Brennan, Hodge & O'Brien
*Burns Bros. (Brick), 37 Gotham
*Haley, Ward & Co., 47 Sav. Bk. bldg
*Hardiman, John, 40½ Massey
Murphy, T. H., 43 W Prospect
Phillips, Patk., 40 Massey

WATERVLIET—Benjamin, Thos., 1501 7th av
Bingham, Wm., 399 5th av

WATKINS—Berry, Wm. E.
Coughenry, John

W. BRIGHTON—(See New York City, Borough of Richmond)

W. NEW BRIGHTON—(See New York City, Borough of Richmond)

WESTBURG STATION—*Powers, Frank

WHITEHALL—Bosley, P.
St. Clair, A.
Smith, M. S.

WHITE PLAINS—*Emberson, John
Foster, William
Hart, Thomas F.
Leeper, Morris
Mullan, Peter
*O'Rourke, John
Van Tassel, Wesley

WHITESTONE—(See New York City, Borough of Queens)

WOODBURG—(See New York City, Borough of Queens)

WOOD HAVEN—(See New York City, Borough of Queens)

WOODSIDE—(See New York City, Borough of Queens)

YONKERS—*Campbell, J. C., Jr., 22 Hawthorne
Claxton, James, 107 Oliver
Ferguson, Robt. D., 45 Victor
Flannery, P. J., 90 York
Hendrickson, Geo., 20 Ritter's pl
Hooper & Robins, 119 Beech
Kelly, Geo. T., 44 School
Lynch & Larkin, 217 Buena Vista
Morrissey, Wm., 138 Riverdale av
Peene & Garthwaite, 100 Ash
Perry, Jos. & Son, 104 Waverly
*Stewart, R. L., 38 Wills
Sutherland, Alex. G., 165 McLean
Sutherland, Spencer K., 550 Van Cortlandt

NORTH CAROLINA.

ASHEVILLE—Colren, Jas. (Stone)
McIntire, F. R. (Brick)
Stiles, Harper (Brick)

HICKORY—Browder & Herman (Stone)
Ellioth, J. D. (Brick & Stone)

SALISBURY—Cecil, J. C.
Isenhorn, G. W.

WILMINGTON—Costin, Miles F. (Brick), 51 Nun

WINSTON—Gales, A. J. (Brick)
Lineback, Wm. (Brick)
Loman, Chas. (Brick)
Mock, W. F. (Brick)

NORTH DAKOTA.

FARGO—*Bowers, J. H.
Morris, Thos. R. (Brick)
Swanson, John

GRAND FORKS—*Alsip, W. P.
Buckingham & Roberts
Mowry, B. J. (Brick & Stone)
*Dennie Bros.
Dinnie, D. A.
Moran, M. J.
*Woodruff, John C.

JAMESTOWN—Gleason, William

OHIO.

AKRON—Caine, H. & Co. (Brick & Stone), 1215 E Market
*Carmichael, Geo. W. & Co. (General), Hamilton bldg
*Crisp, Geo. & Son (Brick & Stone), 502 E Mill
Crisp, Jno. & Son, 241 Johnston
*Hugill, Geo. C. (Large), 114 S College
*Madden, Patrick (Brick & Stone), 104 E North
Miller, A. C., 107 Buckeye
Petley & Franklin, Guth blk
Wigley, Jos. (Brick & Stone), 104 Carmichael
Wildes, Jas., 116 So. College
*Wilhelm, L. B. & Son (Stone), 412 Grant
Windsor Brick Co. (Brick), c Grant & Morgan
Winnefeld, Hy., So. Maple
*Wohlfeld, Frank & Co. (Brick & Stone)

ALLIANCE—Devine, J. C.
Joliet, S.
Miller, E. L.
ASHLAND—*Harris & Tinsley
*Myers, J. W. & Co.
*Stence, Thos. G.
*Shearer, Kayey & Co.
ASHTABULA—*Clifford, Walter
*Hall, George (Brick & Stone(
Lee, Jno. (Brick & Stone)
*Osborn, O. E. (Brick & Stone)
Potter, B. F. (Brick & Stone)
*Salisbury, Chas. F. (Brick & Stone)
Stanley, Geo. L. (Brick & Stone)
BATAVIA—*Barr, J. L. H.
BELLAIRE—Houston, A. L. (Brick & Stone)
Hudson, John
Hudson, Samuel
BELLEFONTAINE—Stillwell, Thomas (Stone)
BEREA—Goelke, Chas.
BRIDGEPORT—Griffin, Robert (Brick)
Loe, C. B. (Brick)
Oltsch, John (Stone)
Stegar, Aug. (Stone)
BUCYRUS—*Herzer, Theo. (Brick)
*Knoepfle, Jacob (Brick)
*Volk Bros. (Brick)
CAMBRIDGE—*Allen, Wm. (Brick)
*Erven, C. W. (Brick)
*Gardner & Whissel
*Marcear, Henry (Brick)
CANAL DOVER—*Hammond Bros.
*Wardell Bros.
CANTON—Bowen Bros., 719 S Cleveland av
Burnheimer, J. C., 408 W South
*Davis, W. L., 211 W 4th
*Dunbar, John D., 611 High
Hartzell, E. E., 1818 Navarre
Holwick, D. L., 900 S Cleveland av
*Shoof, Wm. & Son, 1922 W Tusc.
Skinner, D. W., 615 Penna av
*Weiler, Martin (Stone), 703 Virginia av
CHILLICOTHE—Butler Bros. (Brick), 103 Riverside
Gartnor, H. E., 167 Church
*Litter Bros., c 5th & Ewing
CINCINNATI—Amiss, S. W. (Brick), 829 W 6th
Anders, Geo. E., 1745 Westwood av
Angue, Jacob (Stone), 1313 Knowlton
Ankenbauer, M. M. (Stone), 4246 Kirby av
*Aufderheide, R. (Stone), 1434 Freeman av
*Ausdenmore, Henry (Stone), 916 York
Avey, W. D. (Brick), 3311 Fisher av
Baker, Ross, 507 Hoge
Baron, Jno., 4739 Eastern av
Baxter, John (Brick), 2304 Symmes
Bell, W. R. (Brick), 1623 Bruce av
Besuden, Bernard F. (Stone), Mornington av, Hyde Park
Bohmen, Leonard (Stone), N W c Cecil & Tozzer
Buesche, Lawrence, 1107 Bates av
Butler, Dennis, 708 B'way
Cain, Wm. H. (Brick), Syracuse & Wehrmann av
Carl Bros., 515 Walnut
Clark, A. H., Bldrs. & Traders Ex
Cullen, Henry J. (Brick), 519 Ringgold
*Desch, Amendus & Co. (Stone), 2806 Sciota
Dillon, Chas. H., 4231 Turrill
Doench, Fred (Stone), 1551 Lingo
Douthwait, Frank (Brick), 4385 Virginia av
*Egbert & Pickel (Stone), 521 Dandridge
Elbe, Fred. (Stone), 1729 Townsend
*Ellis, W. H. & Co. (Large), Mitchell bldg
Evans, Evan (Brick), 1228 Ida
Fay, Patrick H. (Brick), 612 E. 5th
Feger, Jos. (Stone), 966 McPherson av
Fisbeck, E. & Son, 1136 Draper
*Franke, Henry (Stone), 2732 W 6th
Fuerst, Cornelius & Son (Brick), 2287 Vine
Gehred, Nicholas (Stone), 645 Neave
Geiges, Jos. G. (Brick), 2533 Colerain av
Gould, J. W. (Brick), 4209 Langland
Grant, Mahlon (Brick), 1310 Morton av
Green, W. T., 114 Sycamore
Hamer, Thos. B., 315 E 3d
Harders & Joehnk (Brick), 434 W. McMicken av
Hardiman, John, 2585 Sage av
Hartmann, Henry (Stone & Cellar Digging), 146 Peete
Hautz, John (Stone), 3079 Henshaw av
Hazen, L. P. & Co. (Large), Reading rd & Elsinore av
*Heitbrink, J. & G. (Stone), 113 Builders' & Traders' Exchange
Hesterburg, J., Builders' & Traders' Ex
Heuer, John H. (Brick), 2172 Buck
Hitzman & Schnaidhorst, 2503 Spring Grove av
Hoke Bros. (Brick), 1818 Carll
House Bros. (Brick), 2235 Symmes
Houstle & Fox, 216 Longworth
*Huermann, Henry F. (Brick), 2823 Zeltner
*Hummel, David Bldg. Co. (Large), 2629 Spring Grove av
Iliff, Chas. E. & Bro. (Brick), 314 E. 6th
*Ireland, Chas. W. (Brick & Stone), 125 Builders' Exchange
Ireland, Richard (Brick), 2141 W. Clifton av
Jacob, Frank (Stone), 105 Gage
Jacob, Henry B. (Brick), 132 Winkler
Jewell, John A. & Son (Brick), Hopple n Western av
Kaiser, A. & Son, Builders' & Traders' Ex
Keating, Edw., 2222 May
Kiefer Bros. (Bakeoven Builders), 1200 E. 3d
Kirkpatrick, Francis, 4140 Hamilton av
*Koch, Oscar (Stone), 1768 Baltimore av
Kruse, Wm. (Brick), 679 Delhi av
Lacker, John (Stone), 2911 Sander
Landmann, Theo. (Brick), 3027 Cohoon
Lueders, Wm. (Stone), 619 Delhi av
McDermott, Jos., Builders' & Traders' Ex
McGarvey, J. G. & Son (Brick), 2131 Freeman av
Magness, Jas., 824 Livingston av
Maisel, Andreas (Stone), 2235 Guy
*Mason, Geo. E. (Brick), 129 Builders' Ex.
Megrue, Wm. A., Builders' & Traders Ex
Meirose, Hy. & Son, 556 Boal
Menning, Jos., Walnut pl n Crestline av
Meyer, Anthony (Stone), 1376 Avon pl
Molloy, John (Stone), Pueblo n Young
*Neubert, Robert W. (Stone), 528 Klotter av
Nolte, George (Stone & Brick), 2433 Bloom
Nuckols, Walter W. (Brick), 226 Longworth
Parker, Noah (Brick), 441 Crestline av
Patton, Jos. R. (Brick), 1694 Harrison av
Patton & Applegate, 1728 Baymiller
Pauly, Wm. (Stone), 1318 Knowlton av
Phillips, Francis (Stone), 393 Oregon
Pope & Dager (Brick), 623 Plum
Preston, David (Brick), 3287 Beresford av
Rauber, Arnold (Stone), 542 Grand av
Rauber, Robert (Stone), 740 Delhi av
Reinecke, Conrad (Brick), 1314 Clay
Richter, Jno. F., 929 Dayton
Rinck, Chas. & Bro., 828 Oliver
*Roller, E. B. (Stone), 1687 Hoffner
Roller, Wm. C. (Stone), 4565 Anthony
Rosenacker, Jos. A. (Stone), 1646 Westwood av
*Rudd, W. R. & Bro. (Brick), 224 Longworth
*Rudolf, Max (Stone), Marshall av n Riddle av
Sargeant, John (Brick), 2383 Warsaw av
Schloss, J. & A., 304 E. 3d
Schreiber, Martin (Brick), 708 Plum
Schulte & Palmer (Brick), 2019 Colerain av
Scollon, Frank, 2627 Cook
Seurig, Adolph & Co. (Stone), Cameron av n Elberon av
Skuse, Samuel (Brick), 1431 State av
Smith, Jacob (Brick), 1210 Linn
Sperry, Geo. (Stone), 2325 Vine
Sperry, John (Stone), 270 Calhoun
Speyerer, Michael, 411 Bank
Sticksel & Co., 1030 Kenner
Stopper, Michael (Stone), 2270 Bogen
Strathmann, Bernard H. (Stone), 553 Boal
*Tappin, Samuel (Brick), 68 Builders' Exchange
*Tappin, W. W. (Brick), 429 Considine av
Taylor, Chas. E., 1520 John
Tillar, Bernard (Stone), 2229 Rice
Townley, John R. (Brick), 936 Linn
Vietmeier, Ernst (Stone), 2800 Spring Grove av
Vondenbrinke, Theo. & Co. (Stone), Montrose & Rankin
Vonderhaar, Anton, 2501 Addison
Vonderhaar, Fred'k (Stone), 2740 Mass. av
Wahoff, August & Co. (Brick), 3d av c Cedar Grove
Wahoff & Tenoever, 842 Betts
Walt, Edw., 4033 Columbia av
Waltz, Henry, 536 E. Liberty
Webb, Lincoln McL. (Brick), 703 Mt. Hope av
*Weist, Henry & Sons (Brick), 1115 Race
Wiley & Avey, Builders' & Traders' Ex
Winkelblech, 312 Audubon
Zoz, Jos., 2305 Quebec rd
CLEVELAND—Ahrens, Chas., 22 Rowley
Ahrens, Chas., 22 Rowley
Alfren, Jno., 650 Wellington av, Bklyn
*Allen, Robt., 56 Putnam
*Anders, Carl, 172 Champlain
Aring, John F., Williamson bldg
Arnold, P. Y., 6 Werdel ct
*Aust, Levi, 210 Courtland
Austin, Dan'l, 27 Marion
Auth, John B., 1074 St. Clair
Bahlborn, Wm., 400 Harber
Barber, Jno. D., 1429 Lorain
*Barclay, John, 31 Grant
Bartholomew, Edward D., 1055 Detroit
*Black, Alex, 187 Bell av
*Boepple, Gottleib, 1600 Wilson av
Broer, Herman, 81 Train
Brooker, Jas., 1817 Harvard
Burnett, Daniel, 77 Easton
*Campbell, Frank, 1296 Lex av
Carey & Terwood, 276 Courtland
Carter, Jas. M. & Co., Bldrs' Exchange.
Cebulla, Anton J., 77 Delmars
Charvat, Jos., 121 Brighton
Clague, Wm. H., 149 Florence
Cline, Wm., 9 Meridian
Cockrem, Fredk., 166 Melrose av
Collister, John J., 8 Court pl
Crerar, Geo., 309 Bell av
Crockett, David, 24 Russell av
*Crockett & Doig, 36 Whitney av
Cuyahoga Contracting Co., Rose bldg
Dadlow, Chas., 30 Brooker av
*Dall, A. & Son, Permament bldg
*Dautel, Leopold, Rose bldg
Davey, T. George, 76 Gaylord
Denzler, Jno., 152 Robert
Dinse, F. T., 33 Buhrer av
Dodson, Chas., 411 Central av
Drause, F. B., 245 Tod
Dunn, Albert J., 5 Cemetery
Eberling, C. M., 420 Liberty
Eberling, Jacob B., 54 Quincy
Esry, Geo. H., 89 Woodbine
Esson, Wm. J., 17 Tracy
Ewing, Wm. E., 330 Wade Park av
*Fath, C. H. & Son Construction Co. (Brick & Stone), 408 The Cuyahoga
Fathauer, Jno. H., 15 Ruth
Firchow, Julius P., 113 Kinsman
Ford, Geo. P., 26 Ware
Frecse, Wm. L., 22 Dike
French, Harry H., 26 Crumb
Frewin, Chas. H., 46 William
Gassner, Jacob, 122 Fulton
Gawne, Wm. T., 16 Dickinson av, Glnvle
Gayer, W. C. & Co., Wade bldg
*Gill, John & Sons (Large), Williamson bldg
Gleim, Theo. H., 55 Berwick
Gleim, Lorenz, 290 Kinsmau
*Grant, John, 205 Cornell
*Griese, D. C. & Walker Co. (Large), 743 Soc. for Sav. bldg
*Griffin, Chauncey N. (General), 416 The Century
Griswold, T. W., 774 Lake View av
Hadeler, H. J., 1115 Central av
Hadlow, Henry R., 394 Wade Park av
*Hamilton & Leghorn, 17 Sawtell av
Haskins, Robt. G., 1049 1st av
Heil, August C., 159 Atlantic
*Hill, Jas., 4 Ellen
*Hoffman, Jacob, 111 Linden
Hutchinson, Thos., 888 Logan av
Jahnkow, August, 63 Holmden av
Jansen, John C., 243 Lawn
Jaros, Joseph, 41 Dolloff
Jayker, Jas., 126 Holton
Jones, Peter, 389 Isabella
Kachelein, Geo. N., 11 Parker
Kane, S. C., 87 Adelbert
Kelley, Michael J., 360 Russell av
Kennedy, Jos. J., 47 Addison
Kinkelaar, John M., 8 Grape
Kirschner, Philip & Co., Cuyahoga bldg
Kleisner, Jas., 195 Petrie
Kliment, Frank, 104 Hartford
Kliment, Jos., 123 Sears
Koberna, Jacob, 72 Hamm
Korver, Henry, 24 Carton
Kremm, Anton, 347 Ridge av
Kremm, Jos., 158 Hope
Kroeckel, John, 111 Wade Park av
Lauer, John, 142 Whitman
Le Duke, John N., 56 Malcolm
Lindhorst, F. & D., Superior bldg
Mackin, John, 902 Bolton av
Mader, Adolph, 284 Jefferson
Mahnke, John, 520 Denison av
Marlitz, F. C., 255 Woodbridge av
Mayers, J. Fred'k, 862 Payne
Meinhardt, Fred'k, 103 Anderson
Meunier, Fulgence A., 115 Fulton
Milgate, Rich'd A., 185 Ridge av
Mitchell, C. F., 481 E Madison av
Morse, Alfred, 55 McConnell
Motion, Jas., 212 Streator av
Moyse, A. E., 84 Miles pk
Munshaw, W. H., Beach av, Lakewood
Myers, G. S., 384 Holton
Nauk, Gustav, 108 Becker av
Naumann, Jacob, 50 Townsend
Naylor, Wm., 140 John, Glnvle

Nehls, John H., 349 Wolsey
Nehrenz, Wm., 100 Noyes
Newman, Wm., 62 Eliot
Nicoll, Jas., 310 Dunham av
Noble, Matthew, 261 Crawford rd
Novak, Jas., 15 Beekman
Nowodworski, Dan'l, 55 Forestdale av
Otter, A. E., 5 Oakland
Pagg, Hy., 352 Seneca
Palutze, Ernst C., 154 Swiss
*Paul, Henry, 113 Stanton
Paul, Philip, 202 Garretson av
Paul, Richard G., 279 Cedar av
*Paul, Wm. T., 798 E Madison av
Pearce, Louis H., 1065 Crawford rd
Peterson, Jno. W., 1469 E Madison
Phillips, Reuben T., 18 Wabash av
Poese, Wm. F., 739 Clark av
Pottger, Henry G., 76 Landon
Prouty, Chas. D., 21 Bridge View
*Reardon, John, 133 Arlington
Reaugh, J. A. & Son, Garfield bldg
Reuss, Jos., Avondale av, Glnvle
Rohde, Harry, 44 Camden
Roy, David, 6 Home
Rupender, Fred'k J., 217 Marvin av
Schenck, John C., 1329 Detroit
Schlecht, Louis, 174 Seymour av
Schmehler, John, 172 Seymour av
Schmidt, Jno., 72 Sebert
Schoenrock, J. D., 163 Liberty
Schrader, Jacob, 65 Beulah
Schrieber, Louis, 114 Holton
Schroeder, Carl F., 37 Ritchie
Schron, Geo. H., 98 Korman
Schulte, E. Henry, 90 Mechanic
Schultz, Wm. A., 54 Conrad
Schultz & Sons, 1125 Scranton av
Schulze, August, 503 Willson av
Schulze, Chas. F., 9½ Haff
Schulze, Emil E., 50 Lawnview av
Sebeck, Jos., 27 Carton
Secunde, Henry, 684 Gordon av
Seither, Fred'k, 181 S. Willson av
Semple, Don C., 17 Halsey
Semple, Robt., 44 Harkness av
Shepheard, A. R., 58 2d av
Siegmund, John, 47 Lena av
Siekemeyer, Hy., 59 Almond
Simak, Jas., 22 Beekman
Slatmyer, Henry G. (Large), 130 Lake
Smith, Jas. W., 937 Doan
Smith, T. J., 1838 Woodland Hill av
Soutar & Brown, Builders' Exchange
Sperling, Ludwig, Jr., 693 Woodland Hills av
*Spooner, Henry C., 40 Franklin ct.
Sprenger, Otto P., 42 Melrose av
*Standard Contracting Co., Wade bldg
Stephen, Wm., 77 Arlington
Steuer, John, 1750 Woodland av
Strempel, Gottfried, 15 Leading
Strempel Bros., 73 Clover
Stuart, Chas. W., 54 Lockwood av, E C
Tasker, Thos. F., 120 Mayflower
Tausch, Wm. F., 430 Lincoln
Thom, Alexander, 68 Ware
Thomas, Jno. E., 184 Alanson
Vergur, Robt., 235 2d av
Vitovec, Fr., 5 Otokar
Vogel, Chas. F., 1511 Lorain
Vokes, Sam'l, 1253 Slater
Walker, Henry F., 320 Cedar av
Watterson, John T., 585 Scovill av
*Watterson & Clague, 197 Forest
Weaver, Wm. W., 1112 Crawford rd
Weber, Bernhard, 50 Branch av
Weber, Vincent, 1 Derby
Weinacht, Michael, 189 University
Williams Bros. & Morse, 133 Colonial Arcade
Woodley, Richard, 109 Miles av
Young, Geo., 345 Russell av
Young, Jas. T., 144 Scott
Young, Wm. C., 345 Russell av

COLUMBUS—*Baker, Jos. T., 1344 Oak
Bauer, John (Stone), 534 E Fulton
Beasley, L. F., 664 S Champion av
Blair, J. F. (Brick), 1708 Bryden rd
Bott, Wm., 857 Harrison av
Braun, Jno., 564 E Fulton
Braun, Jos. (Stone), 559 E Main
Brust & Bauch, 336 Sycamore
Cochran, J. R. (Brick), Warren, S of Broad
Collins Bros. (Stone), 199 N 21st
*Cooke, Grant & Cooke, 4 Eberley blk
Coulter, J. B., 1025 Dennison av
Cross, Beecher, 182 S 4th
Cull, Patrick C., 1038 Hildreth av
Dale, G. W., 279 N Champion
Dale & Lomax (Stone), Long & 9th
Erfurt, Fred'k, 1067 City Park av
Farmer & Sauter, 371 W Rich
Fornof, F. M. & Son, 135 W Rich
Garrison, C. E., 178 Glenwood av
Geren, I. A., 122 S. Oakley av
Getreu, Geo. J., 216 Reinhard av
Goss, Chas. O., 302 Avondale av
Isabel, S. J., 137 W. 10th av
Jones, Edw. & Son, 369 N Monroe
Jones, Humphrey (Stone), 172 N. 17th
Kaiser, Chas., 252 Reinhard av
Kientz, Jno., 464 W State
Knies, Philip, 236 E Livingston av
Krause, David, 61 Terrace av
Lang, E. & C. (Stone), 551 S 5th
Lawson, Robt. (Stone), 24 E 4th av
Lewis, David (Stone), 213 N 18th
*McGrath, D. W. ("Large"), Ruggery bldg
McNinch, J. M., 116 N Central av
Mosher, E. E., 1309 Oak
Mueller, H. W., 662 Briggs
Ohrstedt, F. & Son, McKinley c Rodgers avs
*Sandrock, John & Son, 212 E Rich
Schneider, A. D. (Brick), 431 S 4th
Schneider, C. W., 429 S 4th
Schneider, G. M., 180 Reinhard av
Schneider, Jno., 114 E Beck
Seliger, J. N. & Co., 685 S 3d
Snider, Jas. E., 603 E Mound
Stevenson & Hagerty, 254 S 18th
Wagner, Adam, 649 City Park av
Watson, Wm., 167 W 9th av
*Westwater, James & Co., 610 The Wyandotte
Willcox, Jonas, 54 N Sandusky
Williams, C. E., 991 Penna av
Wittenmeier Stone Co., Mound W of H. V. Ry. depot
Young, Leonard, 118 W 10th av

COSHOCTON—Hartman, John
Hogan, James

DAYTON—Beyer, Jno. B., 229 E Stewart
Beyer & Herrschaft, 517 S Steele av
*Boren, John W. (Brick), Smithville rd nr Penna Ry
Davis, J., 434 S Bank
Fauver, E. H. High c Richard
Flohre & Dumler, 317 S Hulbert
Fulwiler, Frank, 117 S McDonough
*Gabler's, Jacob Sons (Stone & Large), 960 E Richard
*Gintzinger, John & Son (Stone), 404 E. Xenia av
Heinkel, Geo., 1615 E Richard
Kidney, Chas. E., 121 N Madison
Kramer, F. J. & Son, 220 W Hartford
*Kroomer, Fred (Stone & Large), 647 E Oak
*Poock, Christian (Stone & Large), 33 E Hess
Schulze, Carl, 1423 E Richard
Stork, F. W., 519 E Richard
Sutter, Leopold, 779 S Brown
Teigler, Bernard (Brick), Smithville rd nr Penna Ry
*Teigler, Herman, 27 S Pulaski
*Thiele, C. Louis (Large), 21 S Dover
Tinnerman, Wm. A., Smithville rd nr Penna Ry
Trefzger & Mueller, 112 E Haynes
Trunck, J. A., 214 W Homestead av

DEFIANCE—Baltes, Jacob (Brick & Stone)
Behren, B. (Brick & Stone)
Blanke, A. (Brick & Stone)
Damann, John S. (Brick & Stone)

DENNISON—*Hines, James

ELMWOOD PLACE—*Fey, Conrad (Stone)
Fey, Frank
Gehring, Wm. A.

ELYRIA—Pfundt & Schultz (Stone & Brick)

EVANSTON—Braun, A. A.
Thompson, Jno. H.
Waldron, Jno. B.

FINDLAY—Bender, Geo. (Brick)
Burk, T. W. (Brick)
*Campbell & Co.
McGowan, J. W. (Brick)
Myers, G. A. (Brick)

FREMONT—Billou, Chas. F.
Fink, George
Rodda, Robt.

GALION—Cronenwett, Wm. (Brick)
Ely, J. D. (Brick)

GALLIPOLIS—Sprague, McK. M. A.

HAMILTON—*Booth, Ab., 815 E Dayton
*Booth, John (Bricklayer), 438 N 3d
*Booth, Joseph, 818 Shillito
*Kretzinger, Nathan (Bricklayer), 9th & Shillito
*Krogmann, Anthony (Bricklayer), 1002 S 2d
*Lawson, David (Bricklayer), 440 S 4th
Maier, Jos. (Stone), Princeton pike
Yackley, Peter (Brick), 537 E Heaton

IRONTON—Wileman & Hebling

KENTON—Burkart, John (Brick & Stone)
Irwin, Daniel (Brick & Stone)

LIMA—Custer, Jacob
Heil, Valentine, c Eureka & Jackson

LOCKLAND—Benham, Robt. M. (Plasterer)
Bywaters, A.
Giffin, W. O.
Page, C.

LORAIN—Bonsor Bros.

MADISONVILLE—Cornuelle, M.
Gerst, Martin
Glahn, Wm.
Mathis, Jno.
Wolf, Peter

MANSFIELD—*Gandert Bros. (Brick & Stone)
*Hancock & Dow (Brick & Stone)
*Martin, W. & Son (Brick & Stone)
*Mohler, John H. (Brick)
*Schell, Geo. & Son (Brick & Stone)
Schnug, Chas. (Stone)

MARIETTA—*Brown, Anthony & Sons
*Harter, Thomas
*Hill, Harry
*Marshall, Frank
*Matchett & Son
*Petre, Frank
*Phillips, Lee
*Weigus, Henry
*Zoller, Simon

MARION—Brandt, Edw.
Leffler & Bland (Large)
Wagner

MARTIN'S FERRY—Boehm, John (Stone)
Rothermund, Henry (Stone)
Selby, Jesse (Brick)

MARYSVILLE—Deihl, Wm. (Brick & Stone)
Fox, Geo. (Brick & Stone)

MASSILLON—Diffenback, P., 182 Worster
Kern, T. J., 57 George
Massen, L., 1 Francis av
Meinhart, J., 21 Paul av
Russell, J. B. 29 E Main
Seiler, F., 109 Centre

MEDINA—Crofut, J. F.
Frazier, Wm.
Gower, Thos.

MIAMISBURG—Dodd, O.

MIDDLETOWN—*Smith, W. & Co.
Wilson & Conklin

MT. VERNON—Ranson, Oscar
*Stoyle, F. A.

NELSONVILLE—Vorhes, W. H. (Brick & Stone)

NEWARK—*Coffman, A. B.
*Ferguson, L. & Sons
*Platto, Geo.
*Wiley, James W.

NEW PHILADELPHIA—Dick Bros.
*Kaserman, G. A.
*Miller, Jno.
*Schwab, Adam

NORWOOD—Hall, Geo. E.
Henninger, Jno.
Marsh, A. P.
Walter, Chas. J.

PAINESVILLE—*Williams Bros.

PAULDING—De Witt, M. (Brick)
Kent, A. A. (Brick)
Metheus, Jno. (Stone)

PIQUA—*Geiger, Jos. (Brick)
*Scudder & Hunt
*Ross, Allen (Brick)

POMEROY—Bauer, Geo. (Brick & Stone)
Vincent, Jos. (Stone)
Wallace, Samuel (Brick)

PORTSMOUTH—Kaps, S. & P.

READING—*Koenig, Adam (Stone)
*Roth, Michael G. (Stone)

ST. BERNARD—Apking, Philip
Connaughton, Michael
Henn, Jno.
Ritter, Ferd.
*Schroeder, August (Stone)

SALEM—Buell, Samuel (Brick)

SANDUSKY—*Doezerbach, G. Wm.
*Hartman & Hendrickson
Kollman, P. H.
*Pye, Jacob, 117 Cambell

SHELBY—Brake, B. (Brick)
Butdorf, Jno.
Gribbins, Wm.
Williams, Jno. (Stone)

SPRINGFIELD—Bolan, Jos. (Stone), 72 Kenton
Brannan, Thos. (Stone), 177 S Spring
Christ, Wm. L., Jr. (Stone), 20 N Park
Fish, Philip (Stone), 67 N Race
Gaier, Dan'l (Stone), Essex nr Kelly av
Meyer, H. H. (Stone), 133 N Race
Radden, Jas. D. (Stone), 282 S Plum
Scholles, Wm. (Stone), 255 Cedar
Stewart, Wm. (Stone), 415 Dibertav
Stitzel, Isaac N. (Stone), 388 W Liberty
Taylor, S. S. & Son, 321 W Jeff
Yost, Frank D. (Stone), N. S. Nat'l rd

STEUBENVILLE—Castner Bros. (Stone)
*Fickes, G. J. (Brick), 313 N 5th
*Flote Bros. (Stone), 556 N 7th
Nicholson, Edw. (Brick), 325 Market

TIFFIN—Schander, L.
Stewart, Geo.
TOLEDO—Arnold, Alex., 2314 Robinwood av
Bucholz, Aug., 826 Forrer
Buckholz & Harris, "The Spitzer"
Buske, August (Plasterer), 310 Langdon
Clarke, Sam'l, 1001 Lagrange
Downey, F. J., 513 Thayer
Engelhart, J. J., 119 Mich.
Faust, Jos., 2264 Whitney av
Finucan, T. H. (Brick & Stone), 208 Rockingham
Gettins, Vess, 821 Dorr
Gillman, F. W. (Brick & Plasterer), 220 Berg
Hartman Bros., 14 E. Bancroft
*Hartman, Chas. A. (Brick), 2133 Vermont
*Hartman, Jacob (Brick & Plasterer), 14 E Bancroft
Henahan, Owen J. (Brick), 2117 Norwood av
Henehan, Thos. (Stone), 359 Illinois
Hoot, Elias A., 1420 Norwood av
Hopkins, H. L., 910 Greenwood av
Howe, Jas., 1325 Missouri
*Hunter, J. H. (Brick), 2037 Warren
Jacobs, Jacob (Brick), 2456 Robinwood av
Jeffrey, G. M. (Brick), 1938 Mich.
Kesting, Jos. (Brick), 209 E. B'way
Knopp Bros. Stone Co. (Stone), c Oak & Belt Line R. R.
Kreger, C. F. (Brick), 715 Wallbridge av
Lounsborough, Wm., 1440 South
Ludwick, T. W., 921 Marmion av
McCaffery, Jno., 526 Cherry
McCoy, G. W., 721 Prouty av
McDarr, Jno. W., 1014 W B'way
McDonagh, Chas. (Plasterer), 1004 Jackson
Miami Stone Co., The Valentine
Miller, Jno. J., 1042 W B'way
Minnick, Wesley, 1030 W B'way
Neal, Jno., 1701 Oakwood av
Neukom & Colpitts (Stone), 140 Ottawa
Peck, C. & Son (Stone), 3112 Monroe
Pickett, S. J. (Brick), 428 "The Valentine"
Price, Leonard, 526 Norwood av
Riopelle, J. A. (Plasterer), 569 Austin
Robinson, Fredk., 515 Hicks
*Robinson, O. C. (Brick), 1101 Oakwood av
Ruswinckel, H. J. & Co. (Brick), 554 Segur av
Saunders, Ignatus, 1079 Hicks
Sawade, Henry (Brick), 1469 Norwood av
Schaal, Jno. (Brick), 2475 Vermont av
Schaal, M. J., 1814 Locust
Scott, S. E., 1641 Cone
Sheridan, Michael (Brick & Plasterer), 850 Euclid av
*Stanley, A. H. (Stone), 1103 Wash'n
Stevens, B. L., 1339 W Woodruff av
Wening, G. J. (Brick), 929 Michigan
Young, J. A. (Brick), 706 Galena
TROY—Conrad, Geo. W.
Eby, E. J.
ULRICHSVILLE—Parks, H. N.
UPPER SANDUSKY—Frantwine, Jno.
Ingard & Smith
Pegnard, A. A.
Walters, S. L.
URBANA—Anderson, J. H.
Heatherman, Patrick
Otto, B. F.
WARREN—Bullus, Benj. (Brick)
Watson & Sutherland (Brick & Stone)
WAUSEON—Palmer, M. T. & J. C.
WILMINGTON—Darbyshire, Thos.
XENIA—Rader, Adam
Rader, E. C. (Brick)
YOUNGSTOWN—Davis, Thos. L., 1370 Emma
*Grein Bros. (Stone)
*Heller Bros. Co. (Large)
*Lightbody, Thomas M. (Large)
*Mauser, Chris. & Son
Milham, Jos., 127 E Wood
*Niedemeier & Restle
Schmidt, Philip, 572 Walter
Troescher, Jacob, 1508 Oakland av
ZANESVILLE—*Adams Bros. (Large), 3rd St Bridge
Atkinson, C. L., 810 Putnam
*Evans & Dunzweller (Large), 516 Main
Fogarty & Curtis, 1020 Linden
Slack, L. P., 1077 Linden
*Swingle, J. A. & Co. (Stone), 412 Putnam

OKLAHOMA TERRITORY.

EL RENO—Roberts & Spicman
OKLAHOMA—Bain, C. (Bricklayer), 219 Noble
*McClain, J., 219 Washington av
*O'Keefe, 120 5th
*Parkes, G. M. (Bricklayer), 427 Pottawotinic av
STILLWATER—Swindler, S. J.

OREGON.

ALBANY—*Chamberlain Bros. (Also Brick Mfrs.)
*Wilson & Ketchen (Also Brick Mfrs.)
EUGENE—Bellman, Fred.
Brent, J. W. F.
Lombard, A.
GRANT'S PASS—Barrie, W. S. (Brick)
Deputy, C. H. (Brick)
Huggins, Wm.
PORTLAND—*Barnett, Jas. (Stone), 7th St. Terrace
*Barrett, Jas. (Stone), 7th St. Terrace
Baumgarte, W. F., Centre Add.
Bender, Benjamin (Brick), University Park
*Bentley Construction Co. (Large), 5 N 1st
Bigham, S. P., Tabor Heights
*Bingham, Jno. (Brick & Stone), 282 20th, N
Bingham & Flynn, 151 21st N
*Blagen, N. J., Concord bldg
*Canuto, Daniel, 314 4th
*Cason, W., 705 E Stark
*Cole, W. H. (Stone), 697 4th
Cook, W. S., Tremont
Cox, S. D., 1098 E Main
Darling, H. J., Base Line rd nr Central av
Dorney, J. J. (Stone), 290 Benton
Ellison, C. G. (Brick), 727 E 21st
Fleck, Chas., Hunters Station
Friberg, Wm., 608 5th
Fritsche, Josef (Brick), 349 Ankeny
Gray & Son, University Park
Griffeth, F. S., 228 E 40th
Gurr, H. C., 274 2d
Kennedy, N. B., 448 E Ash
*Killfeather, Edw. (Stone), 368 5th
*Langford, Geo. (Brick & Stone), 621 2d
Lucas, C. H., 425 Stephens
*McBride & Kendall, 144 1st
McGowan, Irenus, N. Mt. Tabor
Meredith, Benjn., 561 E 21st
Middleton, D. W. (Stone), Tabor Heights
Miller, J. C., 754 Williams av
Owens, Michael, 395 E Davis
*Palmer, Wm. (Brick & Stone), Builders' Ex.
Robson, Thos., 1149 E Morrison
Ryan, Edw., 829 Kelly
Ryan, W. F. (Stone), 70 E 11th
Seed & Bingham (Brick), 584 4th
Severance, H. A., Vancouver av nr Portland boul
Stober, August (Brick), Carson Heights
Stone, W. H., West av nr Barr rd
Van Hoomissen, Peter, E Sherman & E 28th
Wentworth, C. H., 569 Tacoma av
Zanello, Giacomo (Brick), 205 Sheridan
THE DALLES—Applegate, Jno.
Kocher, John.
Madron, W. A.
Weigelt, Albert

PENNSYLVANIA.

ALLEGHENY—Allison, H. E., 26 Parkview av
Alston, A. & Son (Stone), Grant & Penna avs
Beatty, W. D., 900W Diamond
*Blendinger, Fred A. (Brick), 824 O'Hara
Cochrane, Geo. A., 1210 Wash'n av
*Depp, Andrew J. & Co., 1334 Adams
*Hall, Morgan B. (Brick), 12 N Diamond.
Kinser, James H. (Brick), 848 Wash'n av
Landgraff, Henry & Sons (Brick), 2030 Chartiers
Lovatt, C. B. & Bro. (Brick), 20 N Diamond
Martsolf Bros., House bldg
Morrison Bros. Co. (Stone), South av ft Alle-
Oliphant & Martin (Brick), 20 Lacock
Patterson & Shaw, 220 Alpine av
Reif, Chas., Jr., 1034 Perry
Smith, Chas. B. (Brick), 15 Parkway
Sutton, L. W. & Co. (Brick), 510 E Diamond
Tannehill, R. C., 1315 Federal
Trimble, John H. & Bro., 2022 Chartiers
Trimble, W. F. & Sons Co., 1719 Greenwood
*Wherry, Jas. & Co. (Large), 857 North av
*Whyte, Jas. Co. (Large), 1519 Monterey
ALLENTOWN—*Berk & Roth (Brick), 19 N Madison & 328 N 8th
*Edwards, C. H. & Co. (Very Large), B. & B. bldg
Gangewere, Wm. H. (Large)
*Hardner, G. H. (Large), Lentz bldg
*Keck & Moyer (Brick), 206 N 10th
*Lehr, I. L. & Son (Brick) (Large), Rnhe bldg
*Martz, J. F. (Very Large), B. & B. bldg
*Nagle, Jas. & Son (Brick), (Large), 210 Chew
*Ochs, M. T. J. (Large), 227 N 5th
*Ochs, Oscar E. (Brick), 721 N 8th
*Sefing, Leonard & Sons (Brick), 516 Park
*Wieder, Levi A. (Brick), 1143 Turner
ALTOONA—*Carroll, Jno. P. (Brick),
Drumgold, Robt. H. (Brick), 921 Green
Horner, George (Stone), 2911 Pine av
*Kerlin, Thomas (Brick), c 8th & Walton
Koelle, Fredk. (Stone), 2014 3d av
Manges, D. C. (Stone), 2910 Oak av
Russell, M. J. (Brick), 2200 6th av
Stains, S. S. (Stone), 3022 W Chestnut
*Vaughn, Wm. F. (Brick), 2808 Broad
APOLLO—Fry, John
Kennedy, John
ASHLAND—*Leibig, Chas. & Jas.
Wolfang, Thomas P.
ATHENS—Howe, Edw.
Keech, James E.
Wood, Elias R.
BANGOR—Le Barr, J.
Love, Frank
Marsh, Steward
BEAVER—Edwards, C. L. & CO.
BEAVER FALLS—*Campbell, J. A., 1103 5th av
*Lutz, A., 1312 5th
Moffatt, John & Son (Stone)
Surls, B. E. (Brick), 1222 8th av
*Zanini, Joseph, 1502 5th av
BEDFORD—*Lessig Bros. (Stone & Brick)
BELLEFONTE—*Bell Bros.
Cowdrick, M. W.
Wallis, Frank
Wolf, William
BENNETT—Fox, Wm. (Brick)
Young, W. J. (Brick)
BERWICK—Bredbender, J. H.
Craner, Reuben.
Croft, James
Patterson, A. W.
BETHLEHEM—*Stoudt & Snyder
BIRDSBORO—Homerich, Wm. (Stone)
Miller Bros.
Slipp, John W.
BLAIRSVILLE—Snyder, John A.
BLOOMSBURG—Driblebis, A. W.
*Ferguson, W. B.
Gross, Jesse
Reimard, C. H.
BLOSSBURG—Belin, E. R.
Clemons, L. S.
Cook, John
BRADDOCK—*Bartley, Wm. W. (Brick)
*Gibson Bros. (Brick), 631 Halket
*Hogg, George (General)
Jacobson, Nels T. (Stone)
*Kerr, W. C. (Brick)
*Phillip, Jno. (Brick & Stone)
BRADFORD—Baker, John W.
Bannon, Wm. H. (Stone)
Griffin, John
*Hill & Slattery
Jacobson, N. T. (Stone)
McCarthy, Frank (Stone)
*Porter, Wm.
BRIDGEPORT—*Dreslin, Daniel D.
Smith, G. W.
Tuboy, Hugh
BRISTOL—*Allaways, Wm. (Brick & Stone)
*Tomlinson, Wm. (Brick)
*Wright, John S. (Stone)
BROOKVILLE—Bender, W.
Paddock, A. J.
BUTLER—Fouzer, R. B.
Hoffner, Adam
Shull & Badger (Brick)
CANONSBURG—Speer, James
CARBONDALE—*Gibbs, John (Brick)
CARLISLE—Chapman, Wm. C. (Bricklayer), W College
Faber, L. C. (Bricklayer), W South
Lamison, J. W. (Bricklayer), W Louther
Scheuchman & Sheafer (Bricklayers), E Pomfret
CARNEGIE—Harvey Bros. (Brick)
Speer, James (Brick)
CATASAUQUA—*Garhian, Christ. (Brick)
*Louchridge & Mullen (Brick)
CHAMBERSBURG—Liffey, Henry
Schafer, Jacob
Smith, Adam
CHESTER—*Armstrong Bros. (Stone)
Harper, John (Stone)
Kelly, Michael (Stone)
Murtagh, Patrick (Stone)
O'Rourke, John (Brick & Stone)
Rumford, W. W. & H. W. (Brick)
Watterson, Geo. (Stone)
CLEARFIELD—Beiler, J. K.
Coudric Bros.
Thompson, R. H.

COATESVILLE—Moulder, Jos. (Stone)
Moulder & Super (Stone)
Thompson & Wills
COLUMBIA—Broome, John C. (Plasterer)
Hinkle, Thos. W. (Brick)
Klinesmith, John (Brick)
CONNELLSVILLE—Brown, C. H. (Brick)
*Colhoun & Co. (Brick)
Flinn, P. G. (Stone)
*Girard & Strawn
CONSHOHOCKEN—Vanvosten, Howard (Stone)
CORAOPOLIS—*Edwards, C. L. & Co.
*Murphy, Michael (Brick)
Seibert, John (Stone)
*Seibert, Philip J. (Brick)
CORRY—*Thomas, G. & Sons
DANVILLE—*Diseroad, Casper (Brick), 129 Grand
*Evans, T. L. & Son (Brick), 356 Church
Reifsnyder, G. F. (Brick), 332 Church
DARBY—Fink, Wm. (Brick)
Killett, Jas. (Brick)
*Staley Bros.
DOYLESTOWN—Holefelter, John (Stone)
Kintopp, Gustaff
DU BOIS—Betts, Chas. (Brick)
Betts, Geo. (Brick)
Nelson Bros. (Stone)
Nolan, J. (Brick & Stone)
EAST MAUCH CHUNK—Duffy, John (Brick)
*Exenner, Chas. & Son (Brick)
Peschal, John (Brick)
EAST STROUDSBURG—Edinger, Jas.
Edinger, Peter B.
EASTON—Gilmer, E. W.
Leidy, Charles
McInerney, Hugh
*McPherson, John
*Raub, Peter
EMPORIUM—Blair, Joshua
Odell, O.
Waddington, Thos.
ERIE—Baldwin, Wm. P., 217 E 24th
Boyd, H. C., 232 E 6th
*Depinet, Jos. L., 220 W 23d (Brick)
Deutsch, M., 314 W 26th
Donnelly, Edwd., 8 Av 5th
Doyle, Patrick, 457 W 3d
Driscoll, Edwd., 219 French
Englehart, C. J., 717 Parade
Flanagan, D., 564 E 11th
Grant, Peter, 235 E 3d
Hall, Leonard H., 301 W 8th
Harding, Chauncey, 138 W 9th
*Hathaway, Chas. N., 317 W 8th (Brick)
Keller, Geo. J., 2724 Peach
*Kuhn, John M., 330 W 6th
Leask, Jas., 217 W 3d
McCormick & Sons, 645 W 10th
Mayer Bros., 1213 State
Mayer, Henry, 1213 State
Mehaffy, Robt. R., 229 E 5th
Morgan, W. P., 345 W 9th
Murphy, Bernard J., 220 Myrtle
Murphy, Stephen, 147 W 3d
*Nicholson, D. W. (Brick & Stone), 1032 Cherry
O'Brien, Dennis, 133 E 3d
O'Lone, Wm., 1031 Chestnut
*Rastatter, P. F. (Brick & Stone), 734 E 6th
Sell, Jacob, 628 E 9th
Senger, Frank, 511 E 9th
*Shenk, Henry Co. (Large)
Sullivan, T. W., 506 E av
Thornton, John, 114 Myrtle
Walsh, John, 922 E 6th
*Williams & Shank (Brick), 837 E 6th
FRACKVILLE—*Haupt, Henry (Stone & Brick)
FRANKLIN—*Osborn, John
Osteom & Thomas
FREELAND—Esther, J.
GETTYSBURG—*Lady, Geo. (Brick & Stone)
Twaney, Edw.
Twaney, John
Twaney, P. J.
GIRARDVILLE—*Leibig, John B.
GREENVILLE—Echart & Dambacher
Keeland, S. R.
GREENSBURG—*Armbrust & Myers
Best, Harry F.
Folk, Henry
Hammer, Chas. A.
*Myers, Herman (Brick)
Stocker, John
HAMBURG—*Behler, Samuel (Brick), State st
*Behler, Frank (Brick), S 3d st
*Confer, John
*Heckman Bros. (Brick), N Hamburg
*Heckman, Morris (Brick), Franklin st
*Krick, Aaron
HANOVER—Kuhn, F. X. (Brick)
Wise & Long
HARRISBURG—Bucher, Herman (Stone)
Bucher, Julius (Stone)
Fisher, Chas.
*Lyme, John (Stone)
Lynch, Jas. J.
May, John K. (Brick)
*Opperman, H., Jr. (Stone), 131 Paxton
Owens, John L. (Brick)
*Perkey, David F. (Stone), 1424 Wyett av
Perkley, John J. (Stone)
Perkley, Wm. S. (Stone)
*Scuden, Mage H.
Stuart, Albert F. (Brick)
Stuart, Wm. P. (Brick)
HAZLETON—Brandenburg, H. L.
Kramer, Wm.
McDonald & Sayre
HOLLIDAYSBURG—Roney & Fogel
Tearney, James
HOMESTEAD—Leader, John G.
*Murray, Chas. F.
*Reese, D. W. (Brick)
Richards, Philip
Walker, Lewis
HONESDALE—Bauman, John L.
Brown, H. R.
HUNTINGDON—Garlach, John
Green, Arnold
Green, Lemuel
INDIANA—*Bennett, Michael
*Ralston, D. L. (Brick & Stone)
*Rice, Alex. (Brick & Stone)
*Warrick, J. H. (Brick)
JENKINTOWN—Conway & Kavanaugh
*Hager, Thos.
*Schmidt, John C.
JOHNSTOWN—*Bader & Co., 615 Sherman
*Gruber, Jacob (Brick), 410 Somerset
*Keenan & Co.
*Keighton, Robt., 418 Lincoln
*Knorr & Trapp, 125 Gautier
*Robinson, E. N. (Brick)
*Thiele & Co. (Stone)
*Witt, Albert (Brick), 410 Somerset
KINGSTON—*Shepherd & Kneuck
Shotwell, Jacob R.
Wilcox, Chester B.
KITTANNING—Baker, E. H. (Stone)
*Daugherty, Geo.
*Klugh, Geo. (Stone)
McVay, F. B. (Stone)
Raabe, Chas. (Brick & Stone)
LANCASTER—*Drachbar, Henry (Brick), 543 E Orange
*Goll, John A. (Stone), 603 N Duke
*Goll, Wm. H. (Stone), 529 N Duke
*Kadel, John (Stone), 117 Howard
Kaufman & Kraemer (Stone), 637 E Orange
*Keller & Hook (Stone), 154 N Queen
*Kissinger, Leonard (Brick), 411 High
*Kopf & Scherer (Stone), 468 High
*Kuhns, Henry (Brick), 506 W King
*Licht, Jos. (Stone), 408 St. Joseph
*McMellin, Elias (Stone), Exchange Hotel
*Malone, C. A. & Co. (Stone), 255 W King
Price, Edw. F. (Brick), 248 E Walnut
Price & Leonard (Brick), 455 S Plum
*Schlauch & Schupp (Stone), 517 Church
*Schwartz, Frank S. (Brick), 766 High
Smith, Henry & Bro. (Brick), 118 S Ann
LATROBE—*Bossart, Nelson
Fry, Jno. H. (Stone)
*Williard, John
LEBANON—Bell, Chas. A. (Brick)
Dullebawm, Andrew (Stone)
Keller, Cyrus (Brick)
Rodermel, Daniel P. (Brick)
Seigrist, Oliver B. (Stone)
LEHIGHTON—*Cochrane, Emanuel (Brick & Stone)
LEWISBURGH—Foster, Chauncy
Leonard, Thomas
Moyer, Sachariah
Shoemaker, Thomas
LOCK HAVEN—Eckert, J. S.
Hawkins, G. W.
*Salmon, Henry M. (Brick & Stone)
LUZERNE—*Snyder, Alex.
Thompson & Son
M'KEESPORT—Gallagher, Chas. (Brick)
Gibson, H. W. & Co. (Stone)
Logan, J. B. (Brick)
McInerney, M. H. (Stone)
Milmoe, Peter (Brick)
Waters, Winters & Wigglesworth (Stone)
MAHANOY CITY—Baltimore, James
Bernett, Jacob
Clemens, Jacob
Gerber, W. H.
Miller, Frederick
Schoener, W. H.
MAHONINGTOWN—*Chambers, Wm. H. (Brick & Stone)
MARIETTA—Strohm, George H.
MATAMORAS—Koener, John
MAUCH CHUNK—*Stermer, Nathan (Stone)
MEADVILLE—Crowe, John (Brick)
Eiffert, Henry (Stone)
Hines, Ed. (Brick)
Jackson, P. S. & Son (Brick & Stone)
Van Horn, Jas. (Stone)
Reischman, Jno. (Stone)
MIDDLETOWN—Schwan, Augustus
Yost, Charles
MILTON—Ditzler, John
Harble & Hause
Kint, Thomas
Teufel, Christian
Teufel, Joseph
Teufel, Michael
MINERSVILLE—Furlong, Frank
Jenkins, Isaac
Morris, Richard
MONONGAHELA CITY—Haggerty, Frank
Hank, John
Meredith, Solomon
Wolf, Jos.
MT. CARMEL—Keefer, George H.
MT. JOY—*Grosh, Henry W. (Brick & Stone)
MT. PLEASANT—Carbaugh, George M.
Willwood, William
NANTICOKE—Hedden, W. H.
Rebesher, John
Sherwood, Geo. & Son
NEW BRIGHTON—Fish, Wm. (Stone), New England Hill
*Graham, J. W. (Brick & Stone)
*Peatling, Wm. S. (Brick & Stone)
NEW CASTLE—Allen, R. H. & Sons (Stone)
*Carpenter, Jas. A. (Brick & Stone)
Chambers, Wm. H. (Brick & Stone)
*Hamilton, Jas. M. (Brick)
NORRISTOWN—*Allabaugh & Tyson (Brick)
Evans & Boyer (Stone)
*Green, C. Edw. (Large)
*Hart, Zieber (Large)
*Houpt, Daniel E. (Stone)
*Houpt, Irving (Stone)
*Landis, Isaac (Stone, Large)
Patton & Bergey (Stone)
*Todd & Comfort (Stone)
White, Daniel H. (Brick)
NORTHUMBERLAND—*Todd & Comfort
OXFORD—Jones, Geo. E. (Stone)
PEN ARGYL—Hoppock, E. B. (Brick & Stone)
PHILADELPHIA—Aiman, S. C., 532 Walnut
Allen, Wm. (Brick), 46 Catharine
Allibone, G. W. & Sons, 1743 S Front
Ambrose, Jno., 855 N Opal
Armstrong, D. M., 1234 Rush
*Ardis, Albert A., Jr., 219 S 5th
Arthur, Richard, 2055 Amber
Atkinson, John, Builders' Exchange
*Atkinson, Wm. H., 411 S 5th
Bader, Daniel S., 5013 Woodland av
Bauer, Adam (Brick), 1611 N 4th
Bauman & Leeds, 800 Parrish
Baumann, Chas., 723 S 3d
Beam, J. E., 6101 Girard av
Beck, Jos. B., 2909 N Fairhill
Bechtel, Jos., 906 N 6th
Bell, John A., 658 N Franklin
Berner, J. W. & Co., 225 S Sydenham
Bishop, Chas. B., 1943 Pemberton
Bishop, Jno. P., 2216 Fitzwater
Blair, Thos. J., 1613 South
Blumenthal, Herman (Brick), 533 S Randolph
Boorse, H. B., 1014 Glenwood av
Bottoms, Abel, 221 S 37th
Bower, John C., 4734 Mulberry, Fkd
Boyd, Hy. (Brick), 2642 Coral
Brandstein, Haymann, 329 Fitzwater
Brinkworth, R. J. & Son, 1404 Fairmount av
Brosnahan, Jno. D., 2307 E Huntingdon
Brown, Frank & Co., 417 S 2d
Brown, H. J. (Brick), 905 Fairmount av
Brown & Fish (Brick), 201 S 10th
Bryant, D. J., 241 S 6th
Bunting, Richard, 1812 Hamilton
Burnett, Jas. H. (Brick), 374 N 4th
Cahill, Wm., 1717 Manton
Carl, W. H. & Co., Penn Mutual bldg
Carr, Hiram A., 143 Queen, Gtn
Chambley, Alex., 707 Walnut
Chapman, Wm. R. & Sons, 1215 S Broad
Clark, Samuel S. (Brick), 2139 N Parker
Clark, Thomas, 4911 Fairmount av
Coll Bros., 343 S 20th
Collins, Thomas (Stone), Blue Bell Hill, Gtn
Comey, Denis F., 2141 Mt. Vernon
Cook, W. H., 441 Brown
Cox, Edward, 2602 Montgomery av
*Cramp & Co. (Large), 1421 Filbert
Creighton, Rich'd (Brick), 1839 Hart la

Crozier, George W., 234 Morris
Cunius William J., 1909 Catharine
Cunningham, W. E., N 18th c City Line
Dallas, Thomas, 418 Diamond
Davis, T. Harry, 300 N 21st
Days, Isaac, 1128 Oxford
Delmar, James J., 2425 E Allegheny av
Dempsey, James, 5614 Vine
Denny, Samuel, 2418 Columbia av
Diamond, A., 2140 N 4th
Diener, Wm. H., 2961 Ruth
Dieterie, John G. (Stone), 104 W Penn, Gtn
Dillmore, M. F., 1943 S 11th
Doak, Albert, 408 S 19th
Donnelly, Arthur, 1543 Wood
Donnelly, John, 1012 Glenwood av
Dorsey & Smith, 111 N 7th
***DOYLE & DOAK (Large Buildings of all kinds), 1509 Sansom. (See adv. index, end of book)**
Draper, Henry H., 1013 Rodman
Drummond, Robert, 1909 Kater
Drummond, T. A., 2444 S 12th
Drummond, Wm. J., 1721 Carpenter
Duffin, David (Stone), 2206 E Lehigh av
Eckard, Lambert H., 1320 N Carlisle
Eckert, Joseph, 950 N 5th
*Einwechter, Geo., Jr., 225 S 6th
*Einwechter & Hodges, 314 Richmond
Engle, Chas. D. (Stone), Oak la c Union av
Esher, G. Frank, 1409 S 20th
Farbstein, Joseph, 832 Federal
Faries, Jas. H. (Brick), 712 S Marvine
Farnsworth, Ellwood N., 737 Watkins
Fegley, William H., 1808 Montgomery av
Fels, Aaron, 427 Queen
Firth, J. M., 2430 Adams
Fischer, Wendelin (Stone), 3345 N 5th
Flinn, George W., 1210 Cambria
Foley, Peter J. (Stone), 2618 N 6th
Forsyth, Frank N., 3417 N 16th
Fortune, Jno., 119 N Van Pelt av
Foster, Geo. (Brick), 319 N 10th
French, Victor, 651 N Franklin
Friedman, Morris, 330 Fitzwater
Friel, John J., 3108 N Front
Fullerton & Bro., 2154 E Norris
Gaffney, Jno. J. (Brick), 2617 E Somerset
Ganz, Ferd., 4th c Columbia av
Gear, Washington J., Jr., 12 N 7th
George, John, 2023 N 5th
Gill, John, 1213 Filbert
Gilman, Frank, 413 N 65th
Glenn, Geo. A. & Co. (Brick), 1345 Arch
Glenn, J. Temple, 1031 Sansom
Gordon, Jno. T. & Bro. (Brick), 2709 E Lehigh av
Gordon & Bro., 2110 E Somerset
Gorman, Jas. (Brick), 2059 Ridge av
*Gourley, Samuel (Brick & Stone), 2100 Ridge av
Graham, Michael (Stone), 2927 N 8th
Graham, M. & Son (Stone), Lippincott bldg
Gramlich, Elias, 1811 N 6th
Granger, Harlan M., 3867 Folsom
Gray, G. E., 1946 Newkirk
Greeves, H. B., 833 E Chelten av, Gtn
Grubb, O. E. (Brick), 248 S Juniper
Guenthoer, J. J., 3371 Ridge av
Hanwell, Percy, 2934 Ktn av
Harkins, Thomas, 1728 French
Harrar, N. D., 5552 Race
Harris, Charles A., 922 Catharine
Harris, Franklin M. & Co., 5 S 22d
Harrison, George, 1339 Sellers, Fkd.
Hart, Samuel & Sons, 1109 Fairmount av
Harvey, Hy. (Stone), 2129 Moore
Hauck, John, 1516 N 5th
*Haven's, Lewis Sons (Large) Gerard bldg
Haws, George W., 839 N Uber
Hazlet, Alex., 2223 N Hancock
Hebden & Grubb, 319 S Juniper
Heckler, Charles J., 2043 Indiana av
Hector, A. H., 1928 Cambridge
Heincke, H. R. (Brick), Drexel bldg
Heft, Dan'l. (Brick), 2629 Gordon
Helker, Albert (Stone), 1025 Dauphin
***HENDERSON & CO. (Large), 1221 Arch**
Hertsch, Louis (Stone), Devereaux, n 2d st pk
Hicks, Charles, 2036 N 5th
Hilt, John M., 664 N 10th
Hoctor, James F. (Brick), 4625 Lancaster av
Hoepfi, John M., 2016 N 5th
Hoffman, Isaac M., 229 Siegel
Holland, Geo. B. (Brick), 228 S 8th
Hooven, Charles, 4228 Aspen
*Hothersall, S. J., 2837 N 12th
Humphries, John, 2338 Gtn av
Hurley, D. F., 114 N 6th
Hutelmyer, Joseph (Stone), Blue Bell Hill, Gtn
Hyzer, Wm. C., 1230 Marlborough
James, Walter, 2501 Oakdale
Johnson, Emory (Brick), 607 Panama
Jones, Elisha, 2433 N 10th
Jones, J. C., 1215 Filbert
Jordan, Jacob R., 907 Walnut
Kaufman, Frederick, 1233 Mascher
Keefe, John J., 2225 N Van Pelt
Kelly, Edward B., 1416 S 18th
Killey, Daniel W., 2160 E Firth
King, Walter H., 3872 Cambridge
Kingston, Samuel H., 1424 N 4th
Kirkpatrick, Robert, 2119 Fitzwater
Kreider, Evan T., 1435 Park av
Lagan, John H., 442 Belgrade
Lawson, Edward, 3232 Amber
Levis, A. B. (Brick), 404 N 21st
Lippincott, Edward N., 1233 Olive
Long, Robert, 4736 Market
*McCalley, Geo. W., 1214 S 11th
*McCaul, Chas. Co. (Large), 10 N 11th
McCleary, William B., 1308 Rodman
McClellan, Michael, 1515 Spring
McKay, Alex., 2050 Ellsworth
McConnell, John, 3455 Hope
McGowan, N. B., 5713 Woodland av
McMullin, C. G., 1233 Melon
Maas, Edward B., 2314 S 11th
Maas, George, 1028 Wharton
Mack, E. G., 2840 Lehigh av
*Magee, Michael & Co., 201 Lippincott bldg
Maginnis, John, 132 S 4th
Malz, Otto (Stone), 1539 N Alder
Marsh, Thomas, 1317 Reed
May, Fred'k & Son (Brick), 120 E Haines, Gtn
Mendenhall, Hayes, 3948 Haverford
Merrick, Wm. H., 715 Dickinson
†Millard & McGraw (General Contractors, Large), Arcade bldg
Monument Improvement Co. (Brick & Cement Work), 1432 W Norris
Meyers & Haines, 239 Collom, Gtn
Morris, Edward (Stone), 1304 N 51st
Mouille, Samuel, 1709 Panama
Mowbray, Wm., 1553 S Chadwick
Mulloy, Jas., 2005 Oxford
Murphy, T. J. (Brick), 1843 S 15th
Nesper, David J., 1415 Race
Newman, Andrew R., 511 York
Oates, Roger, 3720 Aspen
Paul, Jos. W. (Brick), American c Diamond
Paulson, Fredk., Island rd n S 75th
*Pennock, J. E. & A. L. (Large), Land Title bldg
Peters, Louis (Stone), Seymour c Keyser, Gtn
Pfau, Joseph, 2255 N 5th
Phillips, W. J., 5612 Cherry
Pinto, Jos. (Stone), 5236 Gtn av
Potts, John A., 1612 N 21st
Prosser, F. S. & Son (Brick), 5024 Willow, F Rd
Puff, Jno. G. C., 1218 E Susq'ana av
Puff, Louis, 1216 E Susq'ana av
*Purdy, Wm., 5053 Balto av
*Raff & Raymond (Large), 1635 Thompson
Rayner, W. S. (Brick), 4128 Pechin, Rox
Read, Wm., 3943 Haverford
Reed, Jos., 713 Tioga
Reineck, Charles, 3724 Irving
Reis, F. Anton, 955 N Lawrence
Reis, Geo., 937 N Lawrence
Rementer, Frank A., 158 Moore
Rhodes & Edwards, Stenton av c Haines, Gtn
Risner, J. E. Co. (Brick), 1126 Walnut
*Roydhouse, Arey & Co., Fidelity bldg
Ruch, G. W. & Co., 2851 N Hutchinson
Rumford, Robert W. G., 1226 Filbert
Russell, Charles, 4041 Ludlow
Saunders, Harry T., 230 N 22d
Schmitt, Albert, 2449 N Hancock
Schmitt, Frederick, 1345 N Warnock
Schmunk, Henry, 1012 N Orianna
Schmunk, Jacob, 1115 N 3d
Schweickardt, Wm. M., 326 Fairmount av
*Seeds, Thos. M., Jr. (brick & Stone), 1216 Race
Seiter, Jno., 2331 N 2d
Sergison, Hy., 1827 Naudain
Shepard, Wm. H. (Brick), 304 Spruce
Shuster, Sam'l, 4220 Aspen
Smith, Elwood, 1015 N Marshall
Smith, P. S. (Brick), 111 N 7th
Snyder, L. & Sons, 217 N 16th
Sommer, Chas. B., 2429 N 2d
Stanford, Levin H., 422 S 11th
*Stanley, Wm. (General), 631 N 38th
Steinmetz, Edw. H., 1612 N 19th
*Stewart, Chas. & Co. (brick), 616 Race
Stilley, William, 809 N 20th
Stoneback, Samuel A., 1328 N 9th
Stradling, James, 825 E Allegheny av
Sweeney, Frank (Brick), Heed bldg
Swenson, Oscar (Brick), 126 S 2d
Tankin Bros. (Brick), 333 Wash av
Taylor, W. H. & Son (Brick), 119 S 4th
Thierer, B., 2625 Jasper
Thomas, Hy. A., 1221 Jefferson
Thomas, Oliver, 1001 Rodman
Thompson, I. W. (Brick), 729 Addison
*Thompson-Starrett Co. (General Building Construction), Penna bldg
Treen, Jno. M., 502 Norris
Turner, Jas., 966 N Percy
Turner & Kelly (Brick), 703 E Chelten av, Gtn
Uhle, Henry, 8131 Gtn av
Vernon, James A., 911 Dauphin
Walker, H. B. (Brick), 2636 Girard av
*Walker, Isaac & Son, 1217 Stephen Girard bldg
Wallace, Wm. J., 1432 S 49th
Wallrath, Harry, 1224 Cadwallader
Walls, Alfred P., 435 Fairmount av
Walsh, Michael, 1707 N 24th
Walsh, Patrick, 2619 York
Walter, Chas., Jr. (Brick), 1413 S 8th
Walters, Jno. H. (Brick), 1847 Hart la
Weimar, George, 1763 N 3d
*Wells Bros. Co. (Large), Stephen Girard bldg
White, Chas. C., 401 N 55th
Williams, Wm. T., 2330 S 6th
Wilson, Robt. S., 603 Columbia av
Wirth, Henry, 2553 N Mascher
Woener, Jno., 717 N American
Wright, Wm., 22 Harvey, Gtn.
Wurster, Wm. H. (Brick), 2520 Hagert
Yanger, A. C. (Brick), 1706 Cadwallader
Zecca, Jos. (Brick), 1155 S 10th

PHILLIPSBURG—Beamer, Jno. (Brick & Stone)
Ross, Harrison
Stein, W.

PHOENIXVILLE—*Snyder, T. L. (Brick)

PITTSBURG—*Albitius, M. Stone Co. (Stone), 1730 5th av
Albrecht, F. J. (Bake Oven), 1146 Penn av
Ansell, A. & Son (Brick), 112 4th av
Attwell, I. & Co., 2023 Webster av
Bachmann, Adam (Stone), ft S 22d
Beckett, Jno. W., Jr., 103 Shady av
Boilinger Bros., 135 1st av
*Benz, L. H., 230 S 13th
Bick Bros. (Brick), 166 S 19th
Birch, W. M. (Brick), 800 Penn av
*Booth, Thos. F. (Brick), 409 Market
*Booth & Flinn, Ltd., 1942 Forbes
Bossinger & Grogan, 119 Brushton av
Boward, Cartee (Brick), 409 Market
*Bowman & Riffle (Brick), Park bldg
Brick Construction Co., 3301 Penn av
Cline, Jno. A. & Son (Brick), 7311 Butler
Co-operative Construction Co., Ferguson bldg
Conway & Roberts (Brick), 97 Hazelwood av
Crumay & Co. (Brick), 719 Homewood av
*Cullen & Grant (Brick), 81 Congress
Cuthbert Bros. (Brick), Westinghouse bldg
*Daly, D. A. (Brick), Ferguson blk
Donovan, B. & Co., 429 4th av
Downey, T. A. (Brick), 105 Shady av
Duncan & Browser (Brick), 7315 Bennett
Evans & Hanauer (Brick), 103 Water
Francis, T. & Co. (Brick), 6107 Penn av
*Golden & Crick (Large), 3512 5th av
Graham, Wm. L. (Brick), Park bldg
Graitque, Geo., Antietam nr Greenwood
Hall Bros. (Brick), House bldg
*Houlette, Thos. & Bros. (Brick), 409 Market
Jacobs, J. W. & Son (Brick), 2442 Wylie av
Jones & Coleman (Brick), 360 Meyran
*Kinser, W. L. (brick), 139 9th
*Kreusler, H. L. (Large), 3301 Penn av
*Lindsay Construction Co. (stone), 3026 Liberty av
McCormick, Jos. G. (Brick), 508 4th av
McGavern & Lytle, 371 2d av
*McMahon, P. H. (Stone), Dinwiddie & Reed
Martsolf Bros. (Brick), House bldg
Miller, Wm. & Sons, Frick bldg
Nevin & Fouke (Brick), 3 Fetzer
Oliver, J. (Brick), Frazier nr Ward
*Owens, James (Large), 411 4th av
Pearson, T. L. & Co. (Brick), Ferguson bldg
Peters, Geo. F. (Stone), 4319 Main
Quigg, Henry (Brick), 1008 Vickroy
*Richmond, A & Son (Brick), 541 Wood
Riffle, David T. (Brick), Park bldg
Russo, N. (Stone), 33 Mayflower
*Shenk, Henry Co. (General), Lewis blk
Semple, Crawford & Gibson (Brick), 847 N Linden
Spryer, Peter, 5118 Liberty av
*Steel & Hall (Brick), 820 Webster av
*Stevens & Co. (Brick), 66 Water

STEWART, JAS. & CO. (Large), Westinghouse bldg
*Sunderland, Wm. F. (Brick), 925 N St. Clair
*Thompson-Starrett Co. (General Building Construction), Frick bldg
Todd, Jno. S. (Brick), 251 Dinwiddie
*Tompkins, Alfred, Ferguson bldg
Ventress, Geo., Junilla nr Wylie av
Whyte, Jas. Co.
*Wilson, A. & S. Co. (Large), 543 3d av
*Woolstare, A. H. (Brick), 132 Auburn av
PITTSTON—*Breton, W. C. (Brick)
*Hoover, A. R.
PLYMOUTH—Flaherty, Richard & Sons
Watkins, Charles
POTTSVILLE—*Adcock, John (Brick), 502 Minersville
*Guesbaum, Mathias (Stone), 536 E Norwegian
*Guesbaum, Wm. (Brick), 500 N Centre
*Jennings, A. J. (Brick), 336 Sanderson
*Miller Bros. (Stone)
PUNXSUTAWNEY—McQuown, Samuel
Rudolph, Henry
Van Riper, C. C.
Winslow, J. W.
QUAKERTOWN—Cressman, John (Brick)
Croman. A. J. (Brick)
*Mease, David W.
Mull, William (Stone)
Myers, John C. (Stone)
READING—*Beard, Geo. W. & Co. (Inc.) (Large), 529 Court
Beard & McConnell (Brick), 516 Franklin
*De Long, Henry H. (Brick), 118 N 8th
Fegley, C B. (Brick), 1349 Mulberry
Focht, Levi H. (Large), 529 Court
Hoffmaster, J. Henry (Brick), 235 Wood
Neider, J. H. (Brick), 850 Penn
*Seiders, Jeremiah (Brick), 929 Douglass
RENOVO—Consadine, John
Englert, Jacob
Hoy, James H.
REYNOLDSVILLE—Baldorf, August
Hoover, Frederick
Martin, Michael
RIDGWAY—Edwards & Son
ROCHESTER—Calvin, D.
Logan, I. W., 512 S New York
McLaughlin, P., 140 Sycamore
Miller, Wm. & Sons
Torrie, John
ST. CLAIR—Blanch, A. O.
Sykes & Cannon
Thorn, W. W.
Williams, John
SCHUYLKILL HAVEN—Bowen, Louis
Fisher, Daniel
Sterner, Robert
SCRANTON—Battle, Daniel, 613 Fig
*Carlucci Stone Co. (Large)
Colligan, John, 628 N Wash'n av
Deubler, Morris, 308 Theo
*Havens & Williams (arge), 312 Lake av
Holly, I. B., 711 Court
Lord, Charles N., 1248 N Wash'n
Morris, John, 306 N Rebca av
Shiffer, Wm. J., 122 Mifflin av
Stipp, Peter (Brick & Stone), 327 N Wash'n
Sykes, S. & Sons (Brick & Stone), 1235 Penna av
*Wheeler, Irving H., 1330 Wash'n av
*Williams, Edwin S. (Stone, etc.), Coal Ex. bldg
Williams, W. R., 314 Main
*Woelkers & Beilman (Stone, etc., Large), 110 Wash'n av
SEWICKLEY—*Dickson, Wm. (Stone)
*McFarland, R. B. (Brick)
*McMillen, John (Brick, etc.)
*Shearer Bros. (Stone)
SHAMOKIN—*Reed, Frank T.
SHARON—*Bell, A. W. (Stone)
*McIntyre, Wm. & Son (Brick & Stone)
*South Sharon Lumber Co. (Brick & Stone & General Contractors), S. Sharon
SHENANDOAH—Evans, Benjamin
Gerber, Frank
Houser, John
Kotz, Lewis
Rohland, Thomas
Thomas, W. A.
SHIPPENSBURG—Fredinger & Rock
Robinson, L. M.
SOUTH BETHLEHEM—*Birkel, Benedict H.
*Brinker & Wagner (Stone, Large)
*Groman Bros. (Brick & Stone, Large)
SPRING CITY—Deery, John
*Kirkpatrick, John A. (Stone)
*Raser, John & Son (Brick)
*Wagoner, John F. (Stone)
STEELTON—Leonhart, Jacob J.
Steelton Brick Co.
STROUDSBURGH—Ramsey, John
Shifer Bros.
Shifer, Hiram
SUNBURY—Landau, John (Brick & Stone)
Rudy, Daniel
Swenk, Charles H. (Stone)
SUSQUEHANNA—Badsley, George
Lamb, Horace
TAMAQUA—Delzert, Christ.
Keller, Philip
Rice, Jacob
TITUSVILLE—Lang, Benjamin (Brick)
Patterson, Wm. J. (Stone)
Wheaton, John B.
TOWANDA—Brennan, John
Calagan, James M.
Gordon, David
Ronan, W. P.
TYRONE—Kilmartin, Edw. (Brick)
Lanners Bros.
Lawyer, John
Maloney, John
Sidlinger, John
Smith, George (Stone)
Smith, Walter M. (Stone)
UNION CITY—Gross, William
Le Barron, O. D.
UNIONTOWN—Jackson & Arrison
Kreps & Farmer
Little, Robert
Sembower, J. T. & Co.
Wycoff, W. T.
WARREN—Allen, J. W.
Baker, George H.
Hamm, Charles E.
*Harmon & Black (Brick, etc.)
WASHINGTON—Black, J. E., 61 Main
*Curran, C., 225 Locust av
*McClelland & Lawson (Stone)
*Miller, J., 107 Hiland av
WATSONTOWN—Rembold, Henry
Zettlemoyer, James
WAYNESBORO—Bakener, William
Rider, John F.
Rock, John & James
Ryan, John
WELLSBORO—Riggs, William
Wetmore, Alvin
Wetmore, Seth
Wingate, A. P.
Wingate, Moses
WEST CHESTER—*Ingram, F. W.
Lewis, Thomas L.
*Sharpe, H. W. (Brick)
WEST HAZLETON—Engleman, Maurice
George, Jacob
Hanaber & Schneider, 5 Market
WILKESBARRE—*Cummiskey, John (Stone & Brick), 21 Nicholson
Deutsch, Leo (Stone). c Brown & Mill
*Dickover, Geo. T. (Brick), Simon Long bldg
Fry, Hendrick W. (Brick), 225 S Main
*Hendler, Frederick (Stone), 185 South
*Phillips, A. S.
*Reiser & Dolan (Stone), Hazel n J. C. R. R.
Schmidt, Jos. (Brick), 181 Lincoln
*Schmitt, John A. (Brick & Stone, Large), 202 E Market
*Shepherd, Wm. H. & Sons (Large)
Wilson, Chas. F. (Brick), 79 South
WILKINSBURG—*Corns, Alfred E.
*Ecker, A. C., 1226 Franklin
Hazlett, T. H., 911 Wood
Hulme, Elijah (Brick), 1209 Franklin av
Lytle Bros., Carl bldg
Miller & Greenwalt, 702 Wood
Ward, J. H. & Sons, 817 Penn av
WILLIAMSPORT — *Bennett & Rothrock (Large)
*Guise, D. P., 117 Willow
*Rubright, Christ. (Brick), 502 Mulberry
*Stuempfle, D., 332 Penn
YORK—*Eplay, Horace
*Garrety & Bro.
*Plonk, John W.
*Plonk, Oliver P.
*Spahr & Bro.

RHODE ISLAND.

ARLINGTON—Whiffle, B. D.
AUBURN—Thurber, Geo. E.
BRISTOL—Brown, Chas. F.
Gladding, Nathaniel
Le Clair, Eugene
Pierce, Alonzo
CENTRAL FALLS—Masse, Jos., 1 Tiffany
Nichols, Chas. W., 119 Clay
Parre, Jos., 103 Cowden
EAST GREENWICH—Bullock, Geo.
Flanagan, Dennis
Murray, Jas. B.
Roscoe, Byron
EAST PROVIDENCE—*Anthony, D. S.
*Barney, O. C. & Son
Butts, Orray
Byrne, Frank P.
Millard, James P.
Peck, L. B.
Pierce, Charles E.
FOSTER—Andrews, Cyrus
Pierce, Chas. M.
Nye, Henry E.
LONEDALE—McKenna, Peter
MANVILLE—Richard, Joseph D.
NATICK—McTier, Alexander
NEWPORT—Brown & Douglass, 72 Connection
*Curtis, Sheldon H., 220 Spring
Dunn, P. H., 8 Narragansett av
*Fludder, A. J., Chapel pl
Johnston, J. D., 69 Mill
*Kirwin Bros. (Large), 4 Goodwin
Knowe, Peter, 12 Hall av
McIntosh, Robert H., 20 West
Mackie, George, Harrison av
Maguire, Thos., 24 Dean av
*Morgan Bros., 6 Dean av
Murphy, Mich'l F., 16 Callender av
Peckham, Wm. Henry, 9 Division
*Radford, Jno. (Large), 67 Mill
*Underwood, William J., 32 Franklin
*Wilson, Hy. (Brick and Stone), 11 Hope
Wilson, Herbert, 13 Whitehall
OLNEYVILLE—Armstrong, Wm. H.
Mann, Martin
Smith, Andrew W.
Waterman, William E.
PAWTUCKET—*Bryant, J. L., 114 N Main
Cooper, Joseph, 545 Smithfield av
Hawkins, George A., 14 Maple
*Horton & Hemenway (Large), 86 Weybosset
*Kirk, Robt, & Son, 113 West av
*Mason, Sylvanus, 15 Sisson
Smith (The) Benj. F. Co. (Stone & Brick)
*Tinkham, Henry, 20 Summer
*Trafton, E. F., 105 N Main
*Wilmorth & McKillop (Stone & Brick)
PHENIX—Chase, Benjamin
McCusker, Owen
McMahon, Patrick
Stone, Charles
PROVIDENCE—*Barney, O. C. & Son, 3 Custom House st
*Bishop, J. Co. (general), Butler Ex.
Bowen, Thos. A., 82 Atwells av
*Chapman, Wm. A. & Co. (General), 49 Westminster
Cole, J. A., 75 Westminster
Crankshaw, Chas., 6 Arlington av
Cull & Williams, 180 Wash'n
Ducharme, Louis, 306 Waverly
*Duggan. John H.. 17 Meeting
Early, Jno., 24 Cargill
*Everson, Edw. W., 122 Public
Farrell, Jas., 409 Richmond
Follensbee, Geo. H., 69 Waverly
*Furlong, J. W. & Co., 46 Benevolent
*Gilbane, Wm. & Bro. (General), 96 Harris av
*Hartwell, Willilams & Kingston (Large), 49 Westminster
Healey, Pat'k F., 636 Cranston
Healey, Jas. J., 197 Colfax.
Hogg, William J., 37 Meeting
*Horton & Hemenway (Large), 86 Weybosset
Humes, B. F. & Son, 650 Potter av
*Hunt, George M., 349 Blackstone
Ide, W. E. & Co., 68 Vinton
Johnson, Edw., 42 Sabin
Kelton, Nahum A., 78 Harrison
Kierman, Jas., 278 Plain
*Lee, Oscar F., 113 Messer
Lewis, Geo. F., 142 Waverly
McCarthy, Dennis J., 75 Westminster
McDonough, Michael A., 14 St. James
McDonough, M. & J. E., 31 Glenham
McKendall, Frank D., 523 Charles
*Maguire & Penniman (General), 48 Custom House st
*Mason, H. F., 128 Congress av
Morris, J. P., 75 Westminster
Newman, J. J., 49 Westminster
***NORCROSS BROS. CO,, Industrial** Trust Co. bldg. (See adv. index, end of book)
Oates, Chas. H., 37 Lawn
*Peck, James C., 75 Westminster
*Pierce, Lewis J., Banigan bldg
Pierce, T. L. & Co., 41 Cranston
*Read, Hiram S. & Son, 75 Westminster
*Ross, Thos. B. & Son (General), 75 Westminster
Waterman, W. E., 918 Plainfield
*Westcott, Andw. E., 75 Westminster
Williams, Jas. M., 372 Branch av
Wilson, Robt., 49 Westminster

WARREN—Luther, Daniel B.
*Watson, E. K.
West, John R.
WESTERLY—Cottrell, Wm. H.
Dunham, J. A. (Brick)
Fayerweather, C. H. (Brick and Stone)
McDonald, John
McDougal, Wm.
Noka, John (Stone)
*O'Neil, Eugene (Stone)
*Watrous, Elias', Sons
WOONSOCKET—Breault, Laurent, 89 Hamlet
Darling, J. C., 118 Mason
*Kelly, John M., 76 Cato
*Kennedy, Andrew, 437 Park av

SOUTH CAROLINA.

CHARLESTON—*Boinest, Wilson B., 59 Tradd
*Culliton, Pat'k, 142 Calhoun
*Doyle, T. F., 36 King
*Kramer, B. F. (Large)
*McCarrell & Sloan
O'Callaghan, C. P., 8 Pickney
Preston, Rob't J.
COLUMBIA—Milady, John, Lady st.
Wallace, A. M., 1314 Pickens

SOUTH DAKOTA.

DEADWOOD—*Mullen & Munn
PIERRE—Geltz, John
Seifert, S. A.
SIOUX FALLS—Andrews, E. G.
Carlnson, Andrew
Fealt, Frank
Madison, Charles
Parks, David
Ringdall, John
STURGIS—Schummer, Nic
Tregear, James

TENNESSEE.

CHATTANOOGA—Fisher & Brown (Brick), 117 Boyce
Lieker, Fredk. (Stone), Harrison Pike, Avondale
Troutt, John (Stone), 1090 Market
Westcott, F. L. (Brick), 24 Read av
CLARKSVILLE—*Agate, Richard
*Conroy, John
Hawks, Andrew, South
Jackson, Thomas, South
Shay, James, Greenwood av
CLEVELAND—Bible, P. L.
Conroy, John
Parks, C.
COLUMBIA—*Simpson, Thomas (Brick)
DYERSBURG—*Nichols, J. M. (Large)
FAYETTEVILLE—Brogan, S. M. (Brick)
Peech, Lewis (Stone)
HAGLERVILLE—Foust, W. S.
Gregson, F. M.
HUMBOLDT—Hailey, J. C.
McKnight, W. H. & Sons
JACKSON—Bledroe Bros. (Brick)
*McCabe, J. G. & Co.
*Owens & Williams
KNOXVILLE—*Anderson, E. D.
Callahan, George W. & Co.
Gartland, S. R.
*Getaz, David & Co.
Scott, J. Foster
MEMPHIS—Anderson, Axel (Stone), 880 Bass av
*Anderson & Richartz (Brick), Builders' Ex
*Barth, Jos. (Large), 122 Exchange
Cubbins, Thos. Sons Co. (Brick), 251 Vance
*Eberhardt, Adolph (General), 28 Robeson
*Gettingby, A. W. (Large), 69 Avery
Grant, Ed. M. (Brick), 24 5th
*Greaber, John P. (Brick), 13 Brunswick av
*Haines & Emmons (General), 33 Madison
*Heath, Robt. R. (Brick), Builders' Ex
*Hodges & Chamberlin (Large), 55 E Court
Jenkins, Thos. (Stone), 146 Madison
Johnson, B. F. (Brick), Builders' Ex
*Johnson & Fleming, 228 Front
*Jorgensen & Co. (Large), 204 Madison
*Koehler, Paul (Brick), 196 Main
*Moselage, J. H. (Large), 625 Leath
*Pritchard Bros. (Large), 779 Lauderdale
*Regan, Jerry (Brick), Fransioli Hotel
Russell, Virgil C. (General), 15 Madison
*Silk & Chambers (Brick), Builders' Ex.
Trigg, C. R. (Brick), Builders' Ex
*Wagner, C. J. (Large), Planters' Ins. bldg
Walsh & Armstrong (Brick), 228 Beal
*Yarwood, Thos. (Brick & Stone), 48 Thomas av
*Young, Fred. B. (Large), Builders' Ex.
MURFREESBOROUGH—Drumwright, Alex.
Parker, J. W.
NASHVILLE—*Barden & Emmitt (Stone), 309 Summer
*Breen, N. (Stone), 31 Lindsley av
Britt, J. R. (Plasterer), 714 Winter
*Bush, W. G. & Co. (Brick), 413 Union
Byrd, M. (Plasterer), 1605 Poulk
Cooper & Hoover (Plasterers), 622 N Cherry
*Fizer Co. (Brick), 201 Cherry
*Foster & Creighton (Stone), Berry blk
*Fulcher & Dyas Brick Co. (Brick), 301 Church st
Hutcheson, J. H. (Brick), 224 Treutlan
*Le Sueuer, W. D. & C. H. (Brick & Plasterers), Gordon st
McAlister, J. H., Sr. (Brick), Granny White Pike
Mitchell, N. (Brick), 84 Fain
Nestor, Jas. (Stone), 515 Stevenson
*Sheffield, W. B. (Brick), 829 Stevenson
Tanksley, Henry W. (Plasterer), 723 S Cherry
Tanksley, L. S. (Plasterer), 913 S Spruce
*Thompson, Fredk. (Stone), 231 Main
*Tolmie, A. & Co. (Stone), 1800 Broad
SHELBYVILLE—Brown, J. P.

TEXAS.

ABILENE—*Evans & Rowlett
McCarthy, Daniel (Stone)
*Pearce, R. C.
Reese, J. B. (Brick)
Rowlett, William (Brick)
*Russell, Thomas (Brick)
AUSTIN—*Belger, Jas. (Brick & Stone), 1005 E 12th
*Brillhart, G. W. (Brick, etc.)
*Fischer, Francis (Brick & Stone), 1008 West av
*Fischer & Lambie (Large)
*Keye, Wm. M. (Brick & Stone), 1304 Lavaca
*McDonald, Roy (Brick & Stone), Austin Natl. Bk. bldg
*Mahoney, Dennis (Brick & Stone), 1st Natl. Bk. bldg
Page, C. H., Sr. (Brick), 1608 Sollm
*Watson, Jas. (Brick & Stone), Westlin, bet 12th & 13th
*Wattinge, Jacob (Brick & Stone), 1005 Red River
BEAUMONT—Higgins Mfg. Co. (Brick)
BEEVILLE—Druit, Almond B. (Brick)
BELTON—*Beamer, Wm. F.
BONHAM—*Bolten, S. W. (Brick)
*Charles, Samuel (Brick)
*Johnson, William (Brick)
Shannon, James
BROWNWOOD—Chailett, John
BRYAN—*Jenkins & Robb
BUCKHORN—Ennis, Gabriel
CALVERT—*Kirsch, W. H.
Martin, Frank
Martin, Michael
*Oscar & Ivey
CAMERON—*Arnold & Crawford
Davis, William
COLORADO—Williams, C. H.
Wilson, G. Y.
COLUMBUS—Montgomery, John
CORPUS CHRISTI—Powell, Geo. O.
Randall, John
CUERO—Moore, Andrew
Rich, J. L.
DALLAS—Bushnell, Richard (Brick), 617 Live Oak
Figh, Geo. M. (Brick), 427 N Harwood
Jinks, Frank H. (Brick), 108 Johnson
*Lindsay, D. H., B'way & Pacific
McCord, D. C., 130 Bogel
Masters, Thos. R. (Plasterer), 304 Flora
Reach, Chas. H. (Brick), 480 Corinth
Sonnefield, Geo., 561 Browder
Thixton, John S., 493 San Jacinto
DENISON—Cuff, Jas. F. (Stone)
Fagan, Dennis (Stone)
Kilgore, S. C. (Brick)
Tibbetts, F. W. (Brick & Stone)
EL PASO—Flores, J.
Sorrenson & Morgan
Wright Bros.
FORT WORTH—Davis, W. A.
Evans, Morgan (Brick & Stone)
Gilmartin, W. H.
Henderson, Jas. G. (Stone)
Hughes, David (Stone)
Maurice, T. L. (Brick)
Miller, W. R. (Stone)
Nichols, L. D. (Brick & Stone)
Rail, W. L. (Brick & Stone)
Rexroad, Jno. A. (Brick)
Wattam, Jos. R. (Brick)
GALVESTON—Casey, C. J. (Plasterer), 1627
Cowan, T. F., 3426 L st
Drewa, Edw. F. (Plasterer), 1703 27th Ave N ½
*Lawrence Bros. (General), 1827 B'way
*Lipscomb, John B. (Brick), 2602 I
Lohec, Jos. C., 813 13th
Lucas, Alfred, 616 B'way
Lucas, Thomas (Brick), 1409 B'way
Marr, W. S., 2420 Winnie
Maurer, John (Brick), 3020 P
Maurer, Michael (Brick), 3214 Av C
Palliser, Robert (Brick), 2218 Mechanic
Phipps, J. H. (Brick), 2212 Winnie
Prindville, Jas. J. (Plasterer), 1127 Av M
Ringh, Edw. D., 4208 B'way
Rubbright, Theo. A., 1015 38th
Suderman, Chas. & Co. (General), 306 21st
HOUSTON—Anderson, Christian, (Brick), 2212 Kane
Antill, Jas. P. (Brick), 209 Main
Baring, A. St. C. (Brick), 3602 Milam
Beilharz, Theo. (Brick & Stone), 915 Franklin
Bergeron, F. J. (Brick), 1904 Kane
Borden, T. Richard (Brick & Stone), 214 Fannin
Brown, Jas. M. (Brick & Stone), 2007 Jefferson
Cahill, Jas. (Brick), Eagle Hotel
*Chase, D. & Geo. E. (Brick)
Cheesman, Henry (Brick), 2017 Milan
Davidson, H. A. (Brick), 1903 Prairie av
Fletcher, J. H. (Brick), 1202 Bagby
Floyd, A. D. (Brick), 606 San Felipe
Harlow, E. D. (Brick), San Felipe rd
*Humphreville, Wm. E., Levy bldg
James, Wm. A. (Brick), S. S. San Felipe nr Ry
Johnson, W. G. C. (Brick), 506 Milan
*Lucas, A. T. (Brick & Stone), 2010 Capitol av
*Maynard, E. O. & Co. (Brick), 810 Moore
Parker, T. E. (Brick), 1405 Sterrett
Partin, Jos. C. (Brick), 1003 Waverly
Stadtler, C. H. (Brick), 2018 Chenevert
Stech, Fritz (Brick), Brunner
Sutherland, Wm. (Brick), 209 Main
Taylor, W. H. (Brick), 406 Velasco
Wilkinson, Jno. H. (Brick), 116 Preston av
*Yorty, H. A. & Co. (Brick)
HUNTSVILLE—Wilson, J. O. & J. A.
LAREDO—Einstetter & Johnson
LOCKHART—Burkner, Gus
NAVASOTA—Abernathy, Tom
McFarlane, A.
Meylamber, W. H.
Stacey, Wm.
Stacey, Willis
Watkins, E.
Youens & Lord
PARIS—*Breneman, H. L.
SAN ANTONIO—Figh, W. H., 1132 E Crockett
*Figh, W. M., 1132 E Crockett
*Dielman, Jno. C., 306 E Commerce
Gleason, M. B. (Brick), 122 Dawson
*Pauly, Hy., 102 Galiad, Peach
SHERMAN—Johnston, Jno. (Brick)
Saul, August
TERRELL—Anderson, Allen
Hopkins, Frank
VICTORIA—Anderegg, Henry
Holinere, George
Randolph, J. R. (Brick)
Seatan, J.
WACO—Baker, J. B.
Harris, J. N.
Mann Bros. & Son
Tennant, John
WAXAHACHIE—*Mahoney, H. D.

UTAH

OGDEN—Bucher, L. J. (Brick), 2430 Grant av
*Calvert, J. A. & Co. (Brick)
*Jackson, Wm. (Brick & Stone), 3024 Adams av
*Lund, F. A., 678 21st
PAYSON—Hall, J. T.
PROVO CITY—Goodman & Tucker
SALT LAKE CITY—*Ashton Bros. (Stone), 464 W 1st S
*Craig & Atkinson (Brick), 158 N 3d, S
*Curley, Geo. (Stone), 345 N 1st N
*Froisett, J. M. (Brick), 68 E 2d, S
Grimm, Martin (Brick), 1304 S 11th, E
Kunkel, Frank, 69 S 4th, W
Nink, Andrew, 167 10th, E
*Parry, David R., 606 W 1st, S
SPANISH FORK—Finch, J. D.

VERMONT

BARRE—Cutler, O., 171 N Main
BELLOWS FALLS—McCarthy, Jno. H.
Spring, J. O.
Tower, J. R.
BRATTLEBORO—Harwood, Gilbert B.
Hunter, Harlan P.
Plummer, J. D.
Stewart, Fred. T.
Stowe, A. Wells
BURLINGTON—Callahan, Edw.
Levee, Duffee
*Mason & Co.
Stone, Chas.
FAIR HAVEN—Hughes, Pierce
O'Brien, George
West, Robt.
HAMPTON—*Holtzclan Bros.
MONTPELIER—Dobay, Chas., Langdon av
Dobey, Charles
Dobey, Edw., 9 North
Ewing, Jas., 11 North
Ewing, John, 4 North
Gauthier, Peter, 21 Ridge
*Ripley, Geo. W., 41 Colledge
Robinson, Jacob
Stone, Chas. A., 32 Cliff
NEWPORT—Sherman & Brady
RANDOLPH—Butterfield, Frank (Stone)
Gourley, Wm.
Williams, Ira
RUTLAND—Baird, Emery, 112 N Main
Fitzgerald, J. H., 56 Water
Harrison, Jno. J., Engrem av
Stafford, Ira E.
*Stickney, Jos. H., 108 N Main
Woods, Jno. D. & Wm. W., 35 Cleveland av
Young, Wm. Burt, 17 Engrem av
ST. JOHNSBURY—Bragg & Morrls
WATERBURY—*Moody, G. E.
WOODSTOCK—Gobil, Peter
Lucie, Serelle

VIRGINIA

ALEXANDRIA—*Howard & Gilroy (Bricklayers)
*Krouse & Ballenger (Bricklayers)
*Padgett, Henry & Joseph (Bricklayers)
CHARLOTTESVILLE—Cocke, C. C.
*Updyke Bros.
Wheeler & Delton
HAMPTON—Mears, Geo. O.
Pully, L. O.
*Richardson, R. H. & Son
HARRISONBURGH—Bilhimer, W. M.
LYNCHBURG—Wilson & Seay
Wood & Co. (Stone)
NEWPORT NEWS—Brickley, G. B. & Co.
*Davis, J. W. (Brick)
Evans, George H.
Moore & Co., 3002 Lafayette av
Moss, J. A.
Richardson, West, Silsby bldg
Wallace, A. D., 3014 Lafayette av
NORFOLK—Addenbrook's, J. U. Sons
Anthony, Arthur G. (Stone)
Ashton, Wm. J. (Brick)
Clubb, Jno. E.
Consolvo & Matzke (Stone)
Gordon & Gregory (Brick)
Harper, Thos. W. (Brick)
*Holtzclaw Bros., 13 Grandy
Laylor, Geo. T. (Brick)
Lumber, Rob't A. (Brick)
McCarthy, Mich'l J. (Stone)
Makinson, Allen J. (Stone)
May, Frank R.
Mulqueen, Jas. (Stone)
O'Brien, Alex. A. (Brick)
Rosson, Benj. F. (Brick)
Sharpley, Jno. H. (Brick)
Spann, Edgar W. (Brick)
Tatterson, Elbert
Vick, Jos. O. (Brick),
PORTSMOUTH—Bowers, S. & Son (Brick)
Ogg & Walker (Stone)
Riddick, Richard (Brick)
RICHMOND—Beveridge, Wm. H. (Brick), 7 N 11th
Bradley, W. B. Construction Co., Dock nr 17th
Carter, Robt. C. (Brick), 1004 W Main
Farrar, D. J., 610 N 1st
Johnson, Edw. J., 406 N 1st
Perkins, Javi (Brick), 2307 W Main
Phillips, Lucien W. (Brick), 1922 Floyd av
Powers, Geo. L. (Brick), 909 W Marshall
Ragland & Carter, 723 E Main
Ready, Chas. E. (Brick), 1912 Floyd av
Ready, W. J. (Builder), 1601 Park av
Redford, N. C. (Brick), 202 E Clay
Sims, Chas. T., 814 W Marshall
Smith, Lewls R. (Brick), 2218 W Grace
Tiller, Geo. W., 415 W Clay
*Wilson, Jno. T. (Large), 923 Main
Wingfield, J. F. & Son, 313 W Marshall
ROANOKE—Conley, D. C. (Stone), 233 Gilmer av
Hyman, W. P. (Stone), 220 Gilmer av
SALEM—Geogan, George (Brick)
Magee Bros. (Brick)
Moore, Alex. (Stone)
True, J. (Stone)
SUFFOLK—Barnes, W. H.
Borum, George L.
Culley, H. R.
WINCHESTER—Anderson, C. M., Market
Hunter, Grins & Co., Braddock
Seabright, James, Washington

WASHINGTON.

OLYMPIA—*Gallagher & Cotter
*Heustis & Barrett
Patunde, Charles
*Payne, E. J.
PORT TOWNSEND—Davls, John
McDonald, C.
SEATTLE—Bean, W. H. (Brick), 1318 5th av
Bragg, W. A. (Brick), 1015 4th av
Branlgan, Matthew (Brick), 907 Fir
*Carkeek, S. & C. W. (Brick & Stone)
*Flynn & Rockmark
Hill, C. H. (Stone), 115 Seneca
McNamara, Jas., 926 26th av S blk
*McRae, Donald
*Marshall, H. O., 1609 12th av
*Megrath & Duhamel (Large), 633 N. Y.
Mulien, Wm. D., 924 29th av
Nommensen, H. F. (Brick), 817 8th av
Nutt, Jno. (Brick), 322 W Harrison
*Spurr, James C., 3651 Whitman
*Stradley & Son, 3924 12th av, N E
*Vulcan Iron Works, cor 5th av S & S boul
SPOKANE—Boister, J. F. (Plaster), S 210 Adams
Carr, J. W. (Brick & Stone), 1126 3d av
Covert, Samuel (Brick & Stone), 1013 1st av
*Fahey, John (Stone)
Hastie & Dougan (Brick & Stone), 506 Sprague
Huetter, J. T. (Brick & Stone), E 429 Sharp av
Hyatt, Wm. H. (Plasterer), 1703 4th av
Peterson, P. L. (Brick & Stone), 2220 Bridge av
*Reddy, Wm. (Brick)
Stewart, Wm. (Brick & Stone), 108 Bump blk
Tiefenthaler, Jos. (Brick & Stone), 32 Huron, Peaceful Valley
Wraight; W. S. (Brick), 1812 Augusta av
TACOMA—*Box, Wm. E. (Brick & Stone), 307 N L
Gartrell, Wm. (Stone), 3124 N 9th
Hill, Geo. (Brick & Stone), 3710 S M
Johnson, J. N. (Stone), 1320 Puyallup av
Newberry, Robt. (Brick & Stone), 916½ S 15th
Swanson, N. G. (Plasterer), Parland
WHATCOM—Booker, E. E.
Wadsworth, I. H.

WEST VIRGINIA.

CHARLESTON—Armentrout, ——
FAIRMOUNT—*Brady Construction Co. (Inc) (Large Structures of all Kinds)
MARTINSBURG—*Westenhaven, S. A.
PARKERSBURG—Daniels, John H. (Brick & Stone), 800 Quincy
Keenan, C. M. (Brick), 428 E 12th
Keenan, Samuel (Stone), 128 8th
WELLSBURG—Nichols & Matthews (Large)
WHEELING—Britt, Thos. G. (Brick), 130 19th
Brooks, J. W. (Brick), 67 15th
Burkhart, Chas. (Stone), 3616 Chapline
*Butts, J. R. & Co. (Brick), 181 16th
*Carney, Wm., Sr., 2323 Market
Gilligan, P. J. (Stone), 1119 Eoff
*Hallock, L. G. & Co. (Brick & Stone), City Bank bldg
*Hamilton Bros. (Brick & Stone), Peabody bldg
*Keller, G. O. (Stone), 137 17th
*Lemmon, Geo. W. (Brick), 24 N Wabash
Lotz, Christian (Stone), 2230 Market
McClain & Co. (Stone), Hub bldg
*Murray Bros. (Stone & Brick), 1209 Eoff
*Nesbitt, W. J. & Sons (Brick), 1510 Wood
Perkins, B. Frank (Brick), 2331 Eoff
Rosenberg, J. H. & Son (Stone), 2810 Eoff
Schweizer, Jacob (Stone), 744 Market

WISCONSIN.

APPLETON—*Frieders, Philip
*Hackworthy Construction Co.
*Hoffman, Frederick
*Johnston, Thos. E.
*Knuepfel, August
*Maxfield & Lillge
ASHLAND—*Donald, A. & Co.
Foster, J. & Son
Oakley, A. H.
BARABOO—McGann, Michael
Penneo, John
BELOIT—Fitzgerald, Wm.
Marks, Thos.
Turner, Maurice
Turner, Morton
Turney, Edw.
BRANDON—Williams, R. M. (Brick)
CHIPPEWA FALLS—*Stanley, F. G. & C. A.
DELAVAN—Miller, Alexander
Williams, J. R.
EAU CLAIRE—Fish, E. M. & Co.
Laycock, H.
Madison Street Mfg. Co.
FOND DU LAC—*Martin, A. W., 21 Military
*Mason, O. G., 74 E. 3d
FORT ATKINSON—Becker, John
McComb, Thomas
Willing, William
HAYWARD—Boyles, James
JANESVILLE—Billings, John
Blay, C. W.
Collins, J. A.
Cox, William
Croft, James E.
Hilt, Albert
Peters, John A.
Shearer J. D.
JEFFERSON—Fehrmann, Herman
Spangler, John J.
KAU KAUNA—Coppers, John, S. K.
Finder, William
Heinz, Charles S. K.
Hohner, George
Klarer, Ferdinand
Peters, William, S. K.
Schack, Frederick
Smith Bros.
Yingling, Reinhard
KENOSHA—Buhl, Frederick
Goodman, E. J.
*Tully Bros.
LA CROSSE—*Benson, John, 8th & Market
*Heideman & Winters (Brick), 823 Adams
Miller, John A. (Stone)
*Molzahn & Lyons (Plasterers), 1322 Adams
*Rawlinson, Jas. (Brick), 1111 S 7th
*Wallace, David & Son (Brick)
Warninger, George (Stone)
*Wold, C., 1403 Jackson (Stone)
LAKE GENEVA—Colman, F. (Brick)
Reinert, E. (Brick)
Vipham, Thomas (Brick)
MADISON—Behrend & Boelsing, 727 W Wash'n av
*Butler, Dawson R., 433 Murray
Crowley, Richard E.
Cullinane, Thomas, 122 Lake
Fay, John, 345 W Main
Gilbert, L. B.
Mackay, Kenneth, 626 Union av
Oakey & Buser, 1203 W Johnson
Oakey & Morgan, 305 E Johnson
Page, E. A., 211 Lake
Parr & Davenport, 1012 Erin
MANITOWOC—Barike, Louis A.
Boeckmann, Henry
Junge, Claus
Kelley, Patrick
Lange, Carl
Stadler, Nicholas
MARINETTE—Belonga, Henry, 836 Gladstone
Gommers, Geo., 1313 Armstrong
Le Bouef, Ludgere, 1235 Marinette av
Peth, Herman, 1139 Logan av
Robinson, W. H., 1220 Pierce av
Stratton, John, 1207 Pierce av
MENASHA—Harbeck, William
Heitl, Charles
MENOMONIE—*Bailey, D. S.
Galaske, Joseph
Lyngen, John
Itt, Andrew
*Peck, Horace
*Poole, M.
*Schultz, William
MERRILL—*Rehfeld & Hesterman

MILWAUKEE—Bannasch, Aug., 44 Locust
Bluhm & Son, 164 Burleigh
Boll, Nicholas, 410 Orchard
Buchholz, August C., 907 11th
Czaplewski, Stephen, 747 1st av
Dallmann, Wm. & Son, 462 35th
Danischewsky, Hy., 1060 8th
*Duchow, Charles, 2026 Brown
*Dunn, P. H., 777 Vanburen
*Ehlers, Charles F., 980 4th
Filter, Henry, 2110 Cherry
Filter, Wm. G., 772 1st
Frahm, Louis, 718 21st av
Frey, Gustav, 829 1st
Frey, Hy., 1132 3d
Gajewski, John, 431 Maple
Gassert, Felix, 1006 Central av
Gehring, Rudolph, 1041 Holton
*General Construction Co. (Large), Galena c 31st
*Greisler, John, 548 24½
Hartkoff Bros., 1704 North av
*Hauboldt, Julius, 422 14th
*Heiden, John, 718 Centre
Hove, H. A., 346 19th
Hove, Henry, 1922 State
Huebbe, Chas., 2423 Keefe av
Hughes, D. & Co., 325 Prairie
Jaeger, Wm. T., 840 1st
Janke, Wm., 1214 19th
Jeske, Gustav J. & Bro., 1089 Richards
Jones, John G., 209 Pleasant
Kaczynski, Frank, 765 Lincoln av
Kerner, Theo., 819 3d
Knie, Oscar & Son, 1070 Richards
Koch, Edward, 2004 North av
Koeller, Emil, 1117 Humboldt av
Komschlies, Adolph, 570 American av
Kraatz, F. C., 746 7th
Kraatz, Jno., 923 Central av
*Kroening, Albert & Son, 623 Greenfield av
*Lehn, Albert & Son, 429 4th
Mauk, Edw., 424 22d
Malzer, Albert, 315 Poplar
*Meredith Bros. Co., 109 Lincoln av
Metternich, Jno., 952 7th av
Moritz, Ludwig, 1028 23d av
Murray, John, 465 Cass
Nichol, Jno. T., 246 Brady
*Northern Construction Co. (Large), 456 B'way
Neuding, A. & Son, 998 16th
Oldenburg, Fred'k, 2624 Cherry
*Posson, Geo. B. (Large), 111 Mason
*Riesen, Paul (Large), 456 B'way
Roberts, E. J., 149 Juneau av
Roeming, Hy. C., 356 Thomas
*Schmidt, Henry, 653 21st
Schmitt, Adam, 650 Oakland av
Schoknecht Bros., 186 Burleigh
Schoknecht, Christian, 1212 2d
Schramka, John, 1001 Bremen
Schubert, Chas., 841 25th
Sheehan, Jerry, 903 Hibernia
Steiger, Charles, 1225 Center
Steigerwald, Edw., 2303 Galena
Strachota, Wenzel, 687 Walker
Stuewe, B. F., 308 20th
Stuewe, G. F., 308 20th
Tabbert, Edw., 911 Orchard
Taddey, Adolph G., 1825 North av
*Taddey, Fred'k W. & Son, 1705 Chestnut
Tegge, Fred, 598 21st
Tempelmann, Robt., 498 19th
Tesch, Henry, 82 Reservoir av
Teske & Boge, 593 10th av
Thiel, Fred. J., 867 8th
Tophooven, Andrew, 488 Madison
Tucholka, Jos., 957 6th av
Wabiszewski, Sylvester, 891 Grant
Werner, Fred., 346 18th
Whittaker, G. J., 299 E North av
Wilke, Louis (Large), 840 11th
*Winer, Ernst, 752 2d
Winter, Wm., 1029 2d

MINERAL POINT—Anthony, Charles
Brandy, Joseph
Goldworthy, Cullen
Hoore, James

MONROE—Bowman, Emil (Brick & Stone)
Kiester, Wm. (Brick & Stone)
Scharer, James

NEILLSVILLE—Herian, Joseph
Pilashke, Frank

NEW LONDON—Brill, John
Brown, Philip
Froeulich, Leo
Polley, Edw. W.
Schoenrock, Frank

NEW RICHMOND—Farley, Michael
Fay, Polycarp

NICHOLSON—Schmiedeke, L.

OSHKOSH—*Meyer & Domke
*Repe, Charles (Stone), 56 Marion
*Sorenson, Chas., 94 Monroe
*Williamson, J. E., 307 Jackson

PLATTEVILLE—Batchelor, Wm.
Bucholz, Dietrich
Meyer, Dietrich
Ray, Edgar
Steel, Samuel

PORT WASHINGTON—Schmedler, Jacob
Ubing, Bernhard

PRAIRIE DU CHIEN—Dyke, W.
Schultz, Henry
Seal, William

RACINE—*Allen & Clunie (Brick & Stone)
*Edwards, H. R., 815 Villa
*George, B. Foster, 1740 Park av
*Graham, Fred., 1242 Racine
*Jacobson & Sorenson, 1914 Howe
*McLeod, D. B. & Co., 1425 Park av
Seater, George
Svenwig, Chris., West st.
Wohlen, Gerhard, 1611 N Wis.

REEDSBURGH—Gade, Wm.

RHINELANDER—*Bock, H. C.
La Plant, D. C. (Brick)
Samways, H. J. (Stone & Brick)
Smith, Gus

RIPON—Coleman, F.
Krei, C.
Tobalt, E.

RIVER FALLS—Goel, Marzell
Healey, Manley
Knowles, C. G.
McKay, Freehorn
McKay, W. H.

ST. CLOUD—Ewald, M. & Son

SHEBOYGAN—*Ackerman, Christian
*Guenther & Horn
Kramer, August, Sr.
*Mueller & Wendt
*Peterson, William
*Rathsburg, Fred
*Schaetzer, Wm. (Brick & Stone)

STEVENS POINT—Jensen, Andrew P.
Murphy, James
Prell, Henry
*Ule Bros. & Co.
Ule, Peter

SUPERIOR—*Brown Bros. Co. (Stone & Brick), 1517 Johns av
Penn, Wm. & Co. (Stone), Tower Bay Slip
*Schmidt Bros. (General)

TWO RIVERS—Grimmer, Hy.
Krause, Peter

WATERTOWN—Boettehie & Kunitz
Gorney, Joseph
Guetzloff Bros.
Harte, Frederick
Quintmeyer, William

WAUKESHA—*Dieman, August, 317 West av
*Gleason, Michael, 302 Main
Ward, Joseph, 824 Raymond

WAUPACA—Atwood, J. R.
Hanson, John

WAUPUN—*Hinkley & Powers

WAUSAU—Froemming, Henry
Klosterman, August
*Miller, John
Ziebell, John

WEST SUPERIOR—*Brown Bros.
*Scales, C. E.
*Schmitt Bros.

WHITEWATER—Bonnett, E. & Son
Bowen & Martin

WYOMING.

CHEYENNE—*Bradley, R. (Large)
East, Geo., 18th & Seymour
Keefe, M. P., 411 W 17th

LARAMIE—Bernie, William
Camley, H. H.

RAWLINS—Abbott, W. W.
Collins, W. E.

Masons' Leads

(See Plumb Bob Mfrs.)

Masons' Lines

Hoffman-Corr Mfg. Co., 107 Duane, New York
Ossawan Mills Co., Norwich, Conn.
SAMSON CORDAGE WORKS, 115 Congress, Boston, Mass. (See adv. index, end of book)

Masons' Supplies

(See Brick, Various Kinds.)

Cement, Various Kinds.
Chimney Pipe, etc.
Fireproofing, Various Kinds.
Flue Linings.
Granite, Various Kinds.
Joist Hangers.
Lath, Metal, etc.
Lime Mfrs.
Marble, Various Kinds.
Masons & Builders' Materials.
Mortar Colors.
Plaster, Various Kinds.
Sand & Gravel Dealers.
Sewer Pipe.
Slate, Various Kinds.
Stone, Crushed.
Stone, Producers, Workers, etc.
Terra Cotta, Architectural.
Wall Finishes.

Masons & Builders' Materials

(See also Brick Mfrs., various kinds; also Cemenet Importers, from various countries; also Cement Mfrs., various kinds; also Fire-Proofing Materials, various kinds; also Lime Mfrs.; also Plaster Mfrs.; also Sewer Pipe Mfrs.)

ALABAMA.

ANNISTON—Anniston Lime & Stone Co.
Whetstone & Co

BESSEMER—Krebs Mfg. Co.

BIRMINGHAM—Alabama Sand & Supply Co., 1916 Morris av
Baldwin, J. Frank 2217 Morris av
Brewer, W. P., 1516 1st av
Carolina Portland Cement Co.
Prowell Hdw. Co., 1917 2d av
Savage, J. W., 1911 1-2 1st av
Sloss, J. L., Chalifoux bldg
Wood-Dickerson Lumber Co., 309 N 20th

ELBA—Perdue, W. B. & Co.

FLORENCE—Hudson, L. C.

LONGVIEW—Longview Lime Works

MOBILE—Barrett Bros. & Co.
Davis, Marshall & Co.
McMillen & Harrison
Mobile Coal Co.
St. John & Co.

MONTGOMERY—Bogacki, C. Y.
Hobbie & Teague Co.
Kennedy Co.
Vandiver, W. F. & Co.
Vesuvius Lumber Co.

SELMA—Fowlkes, S. A. & Co.
Schuster, B. J.
Tissier Hdw. Co.

ARIZONA.

PHOENIX—De Mund Lumber Co.
Ryder, H. W.

TUCSON—Tucson Lumber Co.

ARKANSAS.

HELENA—Carvill, Herman & Co.
Hargraves, D. T. & Co.
Straub, N. Sons Mercantile Co.

JONESBORO—Barton Lbr. & Brick Co.
Stuck, C. A. & Sons

LITTLE ROCK—Jones, Dudley E. Co., 413 E Markham

MAGNOLIA—Davis & Warnock

NEWPORT—City Lumber Co.

PARAGOULD—Olney Lbr. Co.

PINE BLUFF—Westbrook Grain & Commission Co.

TEXARKANA—Chatfield & Buhrman Hardware Co.

CALIFORNIA.

ALAMEDA—Derby, E. M. & Co.

BERKELEY—Foss, F. W. Co.
Taylor, Henry W.

CHICO—O'Connor, W. J.

CLOVERDALE—Green, B. F. & Son

COLUSA—Colusa Lumber Co.
EUREKA—Bayside Mill & Lumber Co.
FRESNO—Betteridge, Wm. M.
Pierce, C. S. Lbr. Co.
Valley. Lumber Co.
HEALDSBURG—Burgett, William
Healdsburg Mill & Lumber Co.
LIVERMORE—Anspacher Bros.
Horton & Kennedy
LOS ANGELES—Clark & Taylor, 317 E 3d
Fire-Pulp Plaster Co., 750 S Alameda
Fuller, W. P. & Co., 144 N Los Angeles
Ganahl, F. J. Lumber Co., Pasadena av c 19th av
Helsel, M. L., 636 S Hope
Los Angeles Lime Co., 363 E 2d
Spreckels Bros. Commercial Co.
Stimson & Fleming, 3d c San Pedro
Union Lime Co., 203 San Pedro
Western Commercial Co., 213 N Los Angeles
NAPA—Hatt, A. Warehouse & Lumber Co.
Shwarz, H. Co.
NEWMAN—Yancey Lumber Co.
OAKLAND—Hager, L. N., 2814 Tel. av
Remillard Brick Co., 2d & Clay
Stone, E. B. & A. L. Co.
Weilbye, W. H., Telegraph av & 18th
PASADENA—Blinn, L. W. Lumber Co.
Kerckhoff-Cuzner Mill & Lumber Co.
Pasadena Mfg. Co.
PETALUMA—Kahn, A.
McNear, George P.
RED BLUFF—Holt & Gregg Co.
SACRAMENTO—Cowell, Henry Lime & Cement Co.
Kreuzberger, Bartley
SALINAS—Pierce, S. C. & Son
SAN DIEGO—Schirm, J. S.
Stewart, W. W. Commercial Co.
Wyman-Gruendike & Co.
SAN FRANCISCO—Baker, Edmund (Cement), Hayward bldg
Balfour, Guthrie & Co., 316 California
California Cement & Lime Co., Safe Deposit bldg
Cowell, Henry, Lime & Cement Co., 211 Drumm
Dempster & Son, 320 Sansome
Forbes Bros., 307 Sansome
Grace, Wm. R. & Co., 203 Cal.
Holmes, H. T. Lime Co., 24 Sacramento
Howard Co., 318 Calif
Kaweah Lime Co., Claus Spreckels bldg
Meyer, Wilson & Co., 210 Battery
North, John J., 814 6th
Pacific-Portland Cement Co., Rialto bldg
Scheerer, Jos. & Co., c 10th & Brannan
Smith & Young, 723 Market
Snell, Edw. L., 16 Hayes
Spreckels, J. D. & Bros. Co., 327 Market
Standard Portland Cement Co., 318 California
Tuttle, John, 516 Haight
Waterhouse & Price, 29 New Montg'y
Western Builders' Supply Co., 152 New Montg'y
Western Fuel Co., 318 California
Wolfe, C. N. Lumber Co., 2299 Folsom
Wolff, William & Co., 216 Mission
SAN JOSE—Daunes, A. D.
Hart, H. & Co.
SANTA ANNA—Pendleton, S. H. Lumber & Mill Co.
SANTA BARBARA—Union Mill Co.
SANTA CLARA—McPherson, J. C.
SANTA ROSA—Berka, F.
STOCKTON—Hammond & Yardley
Hedges, Buck & Co.
VALLEJO—Aden Co.

COLORADO.

ASPEN—Morrell Hdw. Co.
Tomkins, Lewis H. Hdw. Co.
COLORADO SPRINGS—Crissey-Fowler Lumber Co.
Newton Lumber Co.
Walsh, D. W.
CRIPPLE CREEK—Frees & Hill Lumber Co.
Teller Lbr. Co.
DENVER—Barrows, Geo. A. Lime Co., 1928 15th
Cement Products Co., 1837 Stout
Chicago Lumber & Timber Co., 15th & Bassett
Colorado Lime & Fluxing Co., McPhee bldg
Fisher, Francis J. & Co., 1700 15th
Hallack & Howard Lumber & Supply Co., c 7th & Larimer
Hathaway, S. T., 11th & Wewatta
Hayden, Wm., 9th & W 23d av
Leadville Lime & Fluxing Co., McPhee bldg
McPhee & McGinnity, 18th c Wazee
Masons' Supply Co., 777 Wazee
Miller, Henry & Co., 183 Stout
Portland Cement Co. (Mfrs. & Jobbers), Colorado bldg
Robinson, E. W., W Iowa av
Rocky Mountain Fuel Co., 1010 16th
Sayre-Newton Lumber Co., 23d & Blake
Terry, P. W., 2001 Blake
Threewit, Benj. F., 1700 15th
Watkins, L. A, Merchandise Co., 1525 Wazee
Western Cement & Lumber Co., 9th & 23d
FORT COLLINS—Corbin-Black-Wilson Lumber Co.
Lunn, John G.
GILLETT—Western Hdw. & Supply Co.
GREELEY—Neill Bros. & Ward
LA JUNTA—McNeen, James
LEADVILLE—Harvey, John Fuel & Feed Co., 12th c Hemlock
Leadville Hdw. Co.
Williams Lumber Co., 6th & Hemlock
PUEBLO—Foley, T. H. Lumber Co.
Newton Lumber Co.
RED CLIFF—Fleming, J. F. & Co.
ROCKY FORD—English, R. W. Lumber Co.
TRINIDAD—Davis, O. L. Lumber Co.
Hughes Bros. Lumber Co.

CONNECTICUT.

ANSONIA—Hotchkiss, Lockwood (Estate of), 152 Main
BERLIN—Merwin Brick Co.
Murray, Richard
BRIDGEPORT—Burns, Silver & Co., 29 Fairfield av
Purdy, Henry M. Co., 550 Water
Wheeler & Howes, East End Centre Bridge
BRISTOL—Judd, D. B. & Son, 29 N Main
Saxton & Strong, 135 N Main
BROOKFIELD—New England Lime Co.
DANBURY—Bates, J. T. & Co., 39 Canal
Osborn, A. C.
Schmidt & Seifert
DANIELSON—Nichols, James A. & Co.
Clark, D. N.
Patchen, R. T. & Son
GREENWICH—Brush, Joseph
Maher, James
HARTFORD—Belden, Seth & Son, 69 Commerce
Billings Sidewalk & Coal Co., 278 Asylum
Coburn, Charles, 154 State
Watson & Jackson Co., 283 Sheldon
JEWETT CITY—Church, R. R.
KENSINGTON—Norton, F. L.
LAKEVILLE—Spurr. E. W. Co.
MERIDEN—Lines, H. Wales Co., 134 State
Lyon & Billard Co., 115 S Colony
MIDDLETOWN—Davis, L. O. & E. S.
Tuttle Brick Co.
Whitmore Bros.
MILFORD—Smith, D. E.
NEW BRITAIN—City Coal & Wood Co., 246 Main
New Britain Lumber & Coal Co., 293 Park
Stanley, Work, Church c Elm
NEW CANAAN—Weed, F. E. & Co.
NEW HAVEN—Atwater, W. J. & Co., 962 Grand
Conn Adamant Plaster Co., 14 River
Conn Hardware & Paint Co., 6 Congress
Howard Co., 250 Boulevard
Jefferson & Co, 21 Grand av
Warner-Miller Co.
NEW LONDON—Bishop Lumber & Coal Co.
Chappell, F. H. & A. H. Co.
Darrow & Comstock Co.
Fisher's Island Brick Mfg. Co.
Sweeney, E. M.
NEW MILFORD—Beach, O. M.
Soule, T. Co.
NORWALK—Hubbell, Hall & Randall Co.
Meeker Coal Co.
NORWICH—Chappel, E. Co.
Peck, McWilliams & Co.
Rice, F. G.
PORTLAND—Strong & Hale
PUTNAM—Fox, Jno. O. & Co.
Kinney, Myron & Son
Wheaton Building & Lumber Co.
ROCKVILLE—Grant, Frank
Hill, Geo. W.
ROXBURY STATION—Hodge, A. L. & Son
SEYMOUR—Beach, A. Y.
Hoadley, Edw. L.
SHELTON—Clark, D. N., 32 Bridge
SOUTHINGTON—Southington Lumber & Feed Co.
SOUTH NORWALK—(See Norwalk)
SOUTHPORT—Northrop Bros.
STAFFORD SPRINGS—Dennis, E. C.
STAMFORD—Blondell, L., Jefferson c Meadow
Bounty, A. E., 169 Atlantic
Getman & Judd Co.
SUFFIELD—Brown, F. W.
Spencer Bros.
TORRINGTON—Bronson Lbr. & Coal Co.
Hotchkiss Bros. Co.
WALLINGFORD—Gallagher Bros.
Wooding, C. F. Co.
WATERBURY—Apothecaries' Hall Co., 61 Center
Bergen, Edw. & Sons, 475 Baldwin
Chatfield, Geo. S. Co., 73 Canal
Chatfield & Chatfield, 55 Benedict
Gaffney, J. F., 69 Field
WATERTOWN—Atwood, B. C.
Hitchcock Hardware Co.
WATERVILLE—Welton, H. L.
WEST REDDING—New England Lime Co.
WILLIMANTIC—Boss, Chas. L.
Hillhouse & Taylor, 47 Milk
Nason, G. K., 87 Church
WINDSOR LOCKS—Bidwell, F. S. & Co.
WINSTED—Balch & Platt
Broson Bros.
Burwell, J. C.

DELAWARE

BRIDGEVILLE—Layton & Owens
DOVER—Pennewell, C. S.
GEORGETOWN—Thoroughgood, Wm. J.
HARRINGTON—Masten, J. P.
LAUREL—United Store Co., Central & 4th
MIDDLETOWN—Hukill, G. E.
NEWARK—Wright H. B. Co.
NEW CASTLE—Eliason, J. T. & L. E.
NEWPORT—Justis, Justa G.
WILMINGTON—Brown, H. A., ft. of West
Hamilton, Jno.
Hamilton, S. E., 10th & Union
McCall, Fred C., 12 W 8th
WARNER, CHAS. CO. (Wholesale)

DISTRICT OF COLUMBIA.

WASHINGTON—Barber & Ross, 618 11th, N W
Clark, T. E., 1305 N. J. av
Cumberland Valley Cement Co., 612 F, N W
Corning, Jno. H., 520 13th, N W
Cranford Paving Co., Home Life bldg
Dodson, J. McL. (Lime), 27th, c L, N W
Dunn, Robt. W., 501 G, S W
Fahey & Co., Wash'n Saving Bank
Grove Lime & Coal Co., N Capitol c E, N E
Keystone Plaster Co., ft. 6th, S W
Killinon, Geo. W., 1514 Gales, N E
Knott & Moler, 28th cor K, N W
McGill, Jas. H., McGill bldg
Miller, Jno. & Co., 328 Pa. av, N W
National Mortar Co., 612 F, N W
Tyler, Alfred, Bond bldg
Walker's, J. T. Sons, 204 10th, N W
Waters, J. G. & Son, 1045 32d, N W

FLORIDA.

DAYTONA—Maley, R. S.
FERNANDINA—Hoyt, Fred. W. Co.
Weeks, Chas. R. & Bro.
GAINESVILLE—Baird Hdw. Co.
JACKSONVILLE—Baker & Holmes Co.
Richardson, H. H. & Co.
Southern Fuel & Supply Co.
Tysen, J. R.
KEY WEST—Curry's, Wm. Sons, 611 Front
Johnson, J. W., 218 Simonton
OSCALA—McIver & MacKay (Dealers)
ORLANDO—Bumby, Jos.
PALATKA—Kennerly Hdw. Co.
Merryday Grocery Co.
Vertrees & Co.
PENSACOLA—Berry, W. I
Cary, R. M.
ST. AUGUSTINE—Canfield, H. & Sons
Hamblen, C. F.
SANFORD—Fernald, Geo. H. Hardware Co.
Hill, A. E.
TAMPA—Knight & Wall Co.
Phillips, I. W. Co.

GEORGIA.

ALBANY—Cruger & Pace
Weston & Co.
AMERICUS—Hamil, A. J., 515 Cotton av
ATHENS—Athens Hardware Co.
Bailey Supply Co.

ATLANTA—Caroline Portland Cement Co.
Davis, W. P., Equitable bldg
Dunning & Son, 14 N Forsyth
Holdt & Bullington, Equitable bldg
Kriegshaber, V. H., 6 N Forsyth
Randall Bros., Peters bldg
Sciple Sons, 8 Central av
Smith & Simpson Lumber Co., 391 Peters
Southern States Portland Cement Co., Empire bldg
AUGUSTA—Burum Bros. & Co.
Deveney-Hood & Co.
Dunbar, B.S.
Merry Bros.
Rutherford, W. J. & Co.
Tarver, J. E.
BRUNSWICK—Anderson, W. C.
Coney & Parker
CANTON—Brady, T. M.
CARTERSVILLE—Ladd Lime Works
CEDARTOWN—Hall & Barr
COLUMBUS—Beach, Wm. Hardware Co., 1120 Broad
Dudley-Butts Sash, Door & Lbr. Co.
Elledge & Norman Marble Co.
Gruzard Supply Co., 1318 1st av
Harvey, W. T. & Co., 1500 6th av
Howard & Holt
Shepherd Bros.
Wood, T. W. Co., 902 9th av
CORDELE—Cordele Sash, Door & Lumber Co
Hutchinson Lumber & Supply Co.
DALTON—Cherokee Mfg. Co.
Farrar Lbr. Co.
DEMOREST—Adams, J. S.
GAINESVILLE—Gainesville Iron Works
HOGANSVILLE—Trimble, R. W.
MACON—Burke, T. C., 358 3d
Elder, W. F.
Massee & Felton Lbr. Co.
Wilder's, R. C. Sons Co., 614 3d
Willingham Sash & Door Co., 457 3d
MARIETTA—Henderson, C. E.
MILLEDGEVILLE—McMillan, J. W.
Walker, W. A.
ROME—O'Neill Mfg. Co.
SAVANNAH—Adams Paint Co.
Bond, Allan & Co.
Gilbert, C. M. & Co.
Hanley, Andrew Co.
Lovell's, Edw. Sons
Neal-Millard Co.
Savannah Building Supply Co.
Weed, J. D. & Co.
THOMASVILLE—Dillon, J. W.
Evans & Son

IDAHO.

BOISE—Fletcher-Eastman-Teller Co.
Ridenbaugh, W. H., 9th & Front
Shaw Lumber Co.

ILLINOIS.

ALTAMOUNT—Johanns & Reise
ALTON—Alton Builders' Supply Co.
Alton Lime & Cement Co.
ASHTON—Leslie, R. & Son
AURORA—Hanna & Todd
BARRINGTON—Lageschulte, Henry J. & Co.
Lamey & Co.
BATAVIA—Barker, Wm. P.
Eager, Jas.
Hunter-Griffith Co.
BEAVERVILLE—Lambert, H. & Son
BELLEVILLE—Daab, Fred Co.
Reeb Bros.
Schaefer, Chris.
BELVIDERE—Wright, O. H. & Co.
BEMENT—Wilkinson, A. L. & Co.
BLOOMINGTON—Darlington, E. R. Lumber Co.
Evans, John W. Sons Co.
Harwood, W. S. & Bro.
Parker Bros.
White, Sam'l R. Mfg. Co.
CAIRO—Halliday, H. H. Sand & Gravel Co.
Halliday, W. P. (Estate of)
Lancaster & Rice Lumber & Mfg. Co., Commercial av
Langan, P. T.
CARLINVILLE—Woodward, S. S. Hardware Co.
CARMI—Willis, G. A.
CARROLLTON—Widdowson, J. M.
CARTHAGE—Helfrich, N. J. & Co.
Lyon, W. E. & Co.
CATLIN—Jones, A. & Sons
CHAMPAIGN—Alexander Lumber Co.
CHANDLERVILLE—Goodell, J. H. & Son
CHARLESTON—Fuller Bros.
CHATSWORTH—Walter, Geo. J.
CHENOA—Dexter & Schmitt
CHICAGO—Alma Portland Cement Co., 204 Dearborn
Alpha Portland Cement Co., Marquette bldg
Artesian Stone & Lime Works Co., Grand & Campbell avs
Banner Cement Co., Masonic Temple
Brooks, R. E. L. Co., Av H & 100th
Calumet Portland Cement Co. (Cement Mfrs.), 138 Wash'n
Chicago Crushed Stone Co., 108 La Salle
Chicago Fire Brick Co., 138 Washington
Chicago Lime Co., 138 Wash
Chicago Portland Cement Co. (Cement Mfrs.), 801 Chicago Stock Ex. bldg
Chicago Union Lime Works Co., W 19th c S Lincoln
Clow, Jas. B. & Sons (Cements, etc.), 344 Franklin
Dee, Wm. E. Co., Royal Ins bldg
Dickinson, John W., Marquette bldg
Dolese & Shepard Co., 184 Lasalle
Druecker, N. J. & Co., 847 Clybourn av
Druecker, Wm. J. (Cement, Lime, Plaster, etc.), 112 Clark
Garden City Sand Co., 188 Madison
German-American Portland Cement Co. (Cement Mfrs.), 204 Dearborn
Illinois Steel Co. (Cement Dept.), The Rookery
Independent Portland Cement Co., 108 La Salle
Jenkins & Reynolds Co., Chamber of Commerce bldg
Johnson, J. J. Cement & Lime Co., 188 Madison
Knickerbocker Ice Co., N. Y. Life bldg
Lake Shore Sand Co., 138 Wash'n
Longwell, Geo. P., Lumber c W 19th
Marblehead Lime Co., Masonic Temple
Marquette Cement Co., Marquette bldg
Meacham & Wright Co. (Cement Importers), Cham. of Com. bldg
Mississippi Valley Portland Cement Co., 119 Monroe
Monolith Mfg. Co., 84 Vanburen
Moulding, Thos. Co., 138 Wash'n
Myers, Benj. R., 146 N Wood
Otley Mfg. Co., 611 Cham. of Com.
Paepcke-Leicht Lbr. Co., ft of Illinois
Roggeveen, R. D., 8531 S Halsted
Sandusky Portland Cement Co., 138 Wash'n
Schultz, Fred., 658 S Halstead
Silexoid Portland Cement Co., 39th & Lowe av
Staley, M. A., Wayland av & N Clark
Stearns Lime & Stone Co., 165 E Randolph
Templeton Lime Co., Harvard c Rockwell
Tobin, T. M. & Bros., 9332 S Chicago av
Treadway, H. F., 108 La Salle
Viall, O. A. & Co., W 120th & Emerald av
Vulcanite Portland Cement Co., 138 Wash'n
Western Cement Co. (Cement Mfrs.), 138 Wash'n
Whitehall Portland Cement Co., 172 Wash'n
Winslow, E. J. & Co., 138 Wash'n
Williams, N. A. Co. (Sewer Pipe, etc.), Cham of Com bldg
Wisconsin Lime & Cement Co., 138 Wash'n
Wolverine Portland Cement Co., 138 Wash
CLINTON—Kent, E. & Co.
COLCHESTER—King, Moses
COLLINSVILLE—Steinmeyer, H. & Bro.
DALLAS CITY—Black & Loomis Co.
DANVILLE—Danville Foundry & Machine Co.
Ganor, M. & Son
DECATUR—Lyons, G. W.
Parke, V. H. & Son Co.
DE KALB—Schermerhorn, L. C. & Co.
DELAVAN—McGaillard, J. L.
DOWNER'S GROVE—Mertz & Mockel
DU QUOIN—Kimmel, D. L.
EAST ST. LOUIS—Flannery, P. & Son, 108 N Main
Hill, W. H. Lime & Cement Co., 11 N Main
EDINBURGH—Vigal & Vigal
EDWARDSVILLE—Hotz, Geo. & Son
EFFINGHAM—Wilde-Leddy Lumber Co.
ELGIN—Bosworth, F. S. & Co.
Geister, C. H.
McBride, Hy.
EL PASO—McKinney & Co.
EVANSTON—Brignall Bros.
Connor, J. C. Co.
Noyes, B. B. Coal Co.
Wigginton, James
FAIRFIELD—Fairfield Lumber Co.
FLANAGAN—Litchfield Bros.
FORREST—Opie & McKinney
FREEPORT—Brubaker, B. F.
Grant, Mrs. Jennie
Grant, Thos.
FULTON—Snyder, J. C.
GALENA—Gray, C. B.
GALESBURG—Hinchliff, J. E., 491 W Main
Keefe, Thos., 161 N Academy
Simpson, J. C. & Co., 340 E South
Terry & Lewis, 199 E Seminary
GALVA—Houghton, E. W. Lumber Co.
GENESEO—Goss, John W. & Co.
Turner & Brown
GENOA—Merritt & Hadsall
GIBSON CITY—Smith, A. J.
GOLDEN—Buss, W. J.
GRANITE CITY—Granite City Lime & Cement Co.
GRAY'S LAKE—Wilbur, F. C. Lumber Co.
GRAYVILLE—Blood, J. M. & Bros.
GREENFIELD—Entrekin, J. H.
GREENVIEW—Tripp Bros.
HAMPSHIRE—Kirchoff Bros.
HARMON—Durr, H. J.
HARVARD—Hall, W. D.
Lake & Harris
HARVEY—Harvey Coal Co.
Wausau Lumber & Coal Co.
HIGHLAND PARK—Middletown, John
HINCKLEY—Pogue Bros. Lumber Co.
HOMEWOOD—Gottchalk & Rabe
HOOPESTON—Hoopeston Lumber Co.
HUME—Lyons, Oliver
HUTSONVILLE—Hutsonville Brick & Tile Co.
JACKSONVILLE—Andrews, B. P. & Sons
Harrigan Bros.
JERSEYVILLE—Christy, John (Lime)
Cockrell, E. Lumber Co.
JOLIET—Buck, Werden
Hays, A. W.
Leach, Hy. & Son
Truby, M. & Son
KANKAKEE—Kankakee Stone & Lime Co.
Kankakee Tile & Brick Co.
Lafond, T. & Son
Ruehle, Christian
KEWANEE—Porter & Trask
Whiffen, F. F.
Wyatt, G. A.
KEYESPORT—Langham, Wm.
LA GRANGE—Joyce, Geo. A.
Vial, Joseph
LAKE FOREST—Barnett & Griffith
LA SALLE—Castendyck Bros.
Hunter, Stevens & Co.
LEMONT—Derby, S. L. Lumber Co.
LEONORE—Cook, F. H.
LINCOLN—Lincoln Coal Co.
Spellman & Spitley
LOAMI—Baker, George W.
McLEAN—Darnell & Spence
MALTA—Haish, Wm. H.
MASCOUTAH—Lischer, George W.
MATTOON—Andrews Bros.
Moore-Gabbert Co.
MENDON—Nutt, W. T. & Son
MENDOTA—Barth & Baumgartner
Jack & Conkey
METROPOLIS CITY—Gibbons, A. J.
MILFORD—Jones Bros.
MINONK—Kipp, A. B.
MOKENA—Hatch, J. A.
MOLINE—Wood, Beder
MONMOUTH—Lord, E. A. Fuel & Ice Co.
McCullough Lumber & Coal Co.
MONTICELLO—Blain, Geo. & Co.
Lodge, W. F.
Maier, John
MORGAN PARK—Derby, S. O.
MORRIS—Ross Lumber Co.
Steep, E.
MORRISON—Potter & Johnson
MT. CARROLL—Rhodes Bros. & Co.
MT. MORRIS—Baker & Coffman
Wingert & Clevidence
MT. VERNON—Walker, Johnson & Co.
NAPERVILLE—Schwartz, M. & Co.
NEWBERN—McNeil Pressed Brick Co.
NEWMAN—Thomas, R.
NORMAL—Stillhamer, H. W. & Co.
NORTH CHICAGO—Arnold, S. E.
OAK PARK—Bryant Bros.
OLNEY—Olney Paving Brick & Tile Co.
OTTAWA—Celadon Roofing Tile Co.
Hamilton & Vincent
Sanders Bros. Mfg. Co.
PARIS—McCord & Risser
Propst Lumber Co.
PEKIN—Conklin, Reuling & Co.
Lampit & Co.
Zimmer, E. & Co.
PEORIA—Mackemer, J. W. & Co.,
Miller, Jos. & Sons
Peoria Fuel Co.
Wasson, T. J., 403 S Washington
PERU—Zimmerman, Christian & Co.
PETERSBURG—Anderson & Gum
Salverson & Dawson
PONTIAC—Smith, F. N.
Van Doren, G. L. & Co.

PORT BYRON—Port Byron Lime Ass'n
QUINCY—Menke, F. W. Stone & Lime Co.
Meyer, W. D.
Quincy White Lime & Cement Co., 417 Hampshire
Stroot, J. H.
Tenk Hardware Co.
Williamson, H. A., 121 Hampshire
RANKIN—Patten, H. & Bro.
ROCK FALLS—Smith & Grater
ROCKFORD—Bartlett, A. L. Co., 512 Cedar
Hart & Page, 120 N Court
McDermaid, John
Safford, G. N. & Co.
Skandia Coal & Lumber Co., 708 7th
ROCK ISLAND—Frazer, Edwin G.
*Larkin, C. J. (Large)
Port Byron Lime Ass'n
Tropp Darling Co. (Sand)
SAVANNA—Rhodes, W. P.
SPRINGFIELD—Baker & Baker
Elelson, A.
Irwin, H. C.
Schuck, J. H. & Son
Vredenburgh, Peter Lumber Co.
STERLING—Dillon, Moses Co.
Peck, John
STRAWN—Tryon, C. H. & Son
STREATOR—Ames, J. C. Lumber Co.
Schlachter, P., Jr.
Schmid, George A.
Streato: Lumber Co.
SYCAMORE—Holcomb Bros.
North Side Lumber Co.
TAMPICO—Boyer & Kendall
URBANA—Besore, C. A. (Estate of)
UTICA—Utica Cement Mfg. Co.
Utiea Hydraulie Cement Co.
VENICE—Kohl & Nieman
WADY PETRA—Chase, Heber & Co.
WARREN—Taylor, C. F.
WATERMAN—Pogue Bros. Lumber Co.
WAUKEGAN—Bairstow, F.
WEST SALEM—Miller, Bros.
WHEATON—Sutcliffe, John
Wheaton, F. E.
WHITE HALL—White Hall Sewer Pipe & Stoneware Co.
WOODLAND—Anderson, J. W.
Graffus, J. W.

INDIANA.

ALEXANDRIA—Brannum Lumber Co.
ANDERSON—Bailey, J. W. & Co., 142 S Jackson
Vernon, E. G. & Son, N Main
ANGOLA—Gilbert, T. R.
Shank, Daniel
ATTICA—Martin, H. C. & Co.
Stern, Z. T. & Son
BATESVILLE—Meyer, J. & Bro.
BLOOMINGTON—Hughes Bros.
BOONVILLE—Madden, J. E.
White, C. P. Lumber Co.
BRAZIL—Halstead, J. N.
McCrea & Brown Co.
BREMEN—Steinecke, J. H.
BROOKVILLE—Fries, A. & Sons
Masters, J. H.
CARLISLE—Risinger & Ellis
CICERO—Cieero Lumber Co.
CLAY CITY—Guirl, W. H. & Co.
CLINTON—Robinson, W. H. & Co.
COLUMBUS—Dunlap & Co.
Hege & Co.
Schwartzkopf, J. G. & Son
CONNERSVILLE—Enos, E. A. & Co.
Williams Bros.
CORYDON—Bulleit, J. J. Son
COVINGTON—Clark, M. H.
Townsley, J. L.
CRAWFORDSVILLE—Binford, J. & Son
EAST CHICAGO—Flach Bros.
EATON—Eaton Stone Quarry & Oil Co.
ELKHART—Bigham, D. E. & Son
Godfrey Bros.
Sanders, Jacob P.
ELWOOD—McKenzie & Co.
Winters Lumber Co.
EVANSVILLE—Baird, L. M., 220 U Water
Eiehel Lime & Stone Co.
Klenck Bros., 621 Fulton av
Lensing, H. A., 420 Sycamore
Maurer & Kingsbury, 1526 1st av
Oehlmann, Louis, 933 E Columbia
Rechtin, Theo. E., 27 L 7th
Swormstedt & Sonntag, 516 Main
FAIRMOUNT—Mereer, Brannum & Bivington Co.
Swain, J. L. Co.
FORT WAYNE—Gilmartin, Edw., c Holmes & Clinton
Moellerings, Wm. Sons, 55 Murray
GAS CITY—Crawford, J. O.
GREENCASTLE—Kelly, Danl.
GREENFIELD—Conklin, J. D. & Son
GREENSBURG—Pulse & Porter
HAGERSTOWN—Knapp, C. T.
HAMMOND—Hammond Coal Co.
Hammond Lumber Co.
Laws, John & Son
HUNTINGTON—Allman, Edw. O.
Bash, C. E. & Co.
Fisher, Beard & Winebrenner
Keefer & Bailey
INDIANAPOLIS—Balke & Krauss Co., c Missouri & Market
Builders' Supply Co., 342 E Wash'n
Consolidated Coal & Lime Co., 13 Virginia av
Dalton, N. F. Lumber Co.
Dell, Frank M., 730 E Wash'n
Hoosier Transfer & Coal Co., 518 S Delaware
Indianapolis Coal Co., 162 E Market
Indianapolis Mortar & Fuel Co., 1012 E 13th
Keeport, A. B. & Co., 314 W North
Keller, Julius Construction Co., 127 Fulton
Malott Coal & Lime Co., c Mass & Peru av
Meyer, A. B. & Co., 17 N Penn
Morgan & Jackson, 350 W 13th
Pierson Building Material Co., 1011 E Vermont
Wales Coal & Lime Co. (estate), 911 Mass. av
KENDALLVILLE—Deibele, John
KNIGHTSTOWN—Watts, Harry & Co.
KNOX—Long, John W.
KOKOMO—Albaugh, A. & Son
Armstrong, Landon Co. (Cements)
LAFAYETTE—Lyman, Harry B.
Van Natta, J. L. & Co.
LAPORTE—Moore & Richter
Wilson, W. Lumber Co.
LOGANSPORT—Dilley, C. L. & Co.
Lux, Harry
MADISON—Miller, W. H.
Ross & Kimmell
MARION—Overman & Baldwin
Southall & Co.
MICHIGAN CITY—Michigan City Lumber & Coal Co.
MUNCIE—Hamilton, George B.
Muncie Builders' Supply Co.
NEW ALBANY—Brown's Seed Store
Faweett & Dennis
Graf, H. L.
Slider, Edw. T.
NORTH VERNON—N. V. Pump & Lumber Co.
Tripp Bros.
PETERSBURG—Drof, Peter
PLYMOUTH—Linkenhelt, Lawrence
RENSSELAER—Day, Hiram
RICHMOND—Farnham, Charles S.
Hackman, Klehforth & Co., 112 S 7th
Mather Bros. Co.
ROCKVILLE—Dooley & Dooley
Joiner, J. A.
Ott, D. B.
SEYMOUR—Mills, A. W.
SHELBYVILLE—Parrish, J. O.
SHERIDAN—Palmer, G. H.
SOUTH BEND—Defrees, C. H.
Hoban & Roach
Indiana Stone, Lime & Cement Co.
TELL CITY—Bielefeld, H. H.
Dickman, A.
TERRE HAUTE—Austin, A. G. & Co.
Reiman & Steeg Co., 903 Wabash av
Terre Haute Coal & Lime Co.
UNION CITY—Fisher, S. J.
Knapp Supply Co.
Short, John
VINCENNES—Bosworth, M. A.
Clark, A. B. (Brick, etc.)
Mellvaine, H. R.
WABASH—Smith-Hubbard Lumber Co.
WATSON—Speed, J. B. & Co.

IOWA.

ACKLEY—Frudden Lumber Co.
AKRON—Moore Bros.
ALBIA—Hobson Bros.
BARNUM—Bryant, C. F.
BOYDEN—Schoenemann Bros.
BURLINGTON—Bernard Bros. & Mercer
Phillips Lime & Coal Co.
Rand Lumber Co.
CARROLL—Joyce, W. T. Co.
CEDAR RAPIDS—Connor, A. H.
Iowa Stone Co.
King's Crown Plaster Co.
CHARITON—Stewart, G. J. & Co.
CHELSEA—Hrabak, Joseph
CLARINDA—Richardson, G. W.
CLEGHORN—Weart & Lysaght
CLINTON—Shoecraft, S. & Son Co., 1st & 5th av
Smith & Oakes, 1st & 6th av
COLUMBUS JUNCTION—Reaney & Eliason
CORNING—Neweomb, Ralph
CORYDON—Niday, C. A. & Co.
COUNCIL BLUFFS—Besley, L. C.
Bluff City Lumber Co.
Hafer, C.
Hammer, Lewis
Hoagland, Geo. A., 705 S Main
Quinn, H. A. Lumber Co.
Straub, Chris.
CRESCO—Rathert, William F.
Wheeler & Marshal.
CRESTON—Green Bay Lumber Co.
Tramp Bros.
DAVENPORT—Abel Lime & Cement Co., 1801 Rockingham road
Builders' Lime & Cement Co.
Claussen, Wm. H., 147 Ripley
McCosh & Co., 1010 Harrison
DECORAH—Adams, N. H. & Son
Wilbur Lumber Co.
DEEP RIVER—Phelps, Axtell & Co.
DES MOINES—Capital City Brick & Pipe Co., Equitable bldg
Des Moines Fuel & Lime Co., 511 Mulberry
Des Moines Hard Mortar Co., 406 E Walnut
Dietz, Geo. W., 413 E 5th
Ewing & Jewett, 9th c Locust
Gilehrist, J. K. & W. H., 301 E Locust
Maine, Jas. & Sons Co.
DUBUQUE—Fengler & Bentin
Linehan & Molo
Mettel Bros.
FAIRFIELD—Cable, G. W., Jr.
FT. DODGE—Fort Dodge Brick & Tile Co.
FT. MADISON—Atlee, S. & J. C.
Benbow's, J. W. Sons
Einspanger, H. & Son
GLENWOOD—Ridgeway Lumber Co.
HAMPTON—Cartright, T. S. & Son
Moore Bros.
IOWA CITY—Leinbaugh, W. F.
IOWA FALLS—Biggs, V. A.
Miller & Foote
KEOKUK—McNamara's J. Sons
Mississippi Coal & Ice Co.
KEOTA—Wright, S. S. & Son
KNIERIM—Anderson, F. R. & Co.
KNOXVILLE—Parson & Waechter
LE MARS—Knorr & Sehafer
Moore, M. A. & Co.
Perry, W. H.
LYONS—Foley, T. J.
Joyce Lumber Co.
MAQUOKETA—Hurst, A. & Co.
MARENGO—Danskin & Wagner
MARSHALLTOWN—Englert, Jno.
MASON CITY—Cole, H. E.
Mason City Brick & Tile Co.
Mason City Clay Works
Mason City Lime & Cement Co.
William, Wallace
MONTEZUMA—Moler & Clark
MT. PLEASANT—Bowman & Kaufman
MUSCATINE—Goldsberry, Wm. D.
Wallace, R. T. & Son
NEW HAMPTON—Bigelow & Donivan
NEW LONDON—Peterson, Jno. E. Co.
OSKALOOSA—Gilchrist, M. D. & Co.
Porter, C. M. Lumber Co.
OTTUMWA—Ostdiek, H. B.
Root, M. B. & Son
Tisdale, F. A. & Co.
Withail, Geo.
SERGEANT BLUFFS—Holman, C. J. & Bro.
SIGOURNAY—Neas, A. M.
SIOUX CITY—Corn Palace Mfg. Co., 508 Wate
Houx, Frank T. Co.
McNeil, H. C. & Son
Queal, J. H. & Co., Steuben c 3d
Webb Bros. Co., Pierson c 3d
SPENCER—Floete Lumber Co.
Perine, A. C.
STEAMBOAT ROCK—Greef Lbr. Co.
TAMA—Hill, B. F.
TRAER—Baker & Howard
VINTON—Boggs & Connor Co.
WALL LAKE—Peck, W. H. & Co.
WATERLOO—Blaek Hawk Lbr. Co.
Bryant, W. A. & Sons Co.
Chapman, C. W. Lbr. Co.
Fuoss, J. H.
Waterloo Lbr. Co.
Whitenack, W. W. & Co.
Young, J. B.

WEBSTER CITY—Young, J. W.
WEST BURLINGTON—Schmiers, J. C.
WEST UNION—Graham & Schenck
Hoyt & Lawyer

KANSAS.

ATCHISON—Blish-Mize & Silliman Hdw. Co.
Carlisle-Pennel Lumber Co.
Lewis, W. H.
Wells. M. W.
AURORA—Chicago Lumber & Coal Co.
BELOIT—Chicago Lumber & Coal Co.
BLUE RAPIDS—Electric Plaster Co.
CHETOPA—Long, H. H.
Shields, J. F.
COLUMBUS—Metzler, P. C.
CONCORDIA—Chicago Lumber & Coal Co.
ELLINWOOD—Chatten, S. H.
ELLSWORTH—Lake Superior Lumber Co.
EMPORIA—Emporia Lumber & Coal Co.
Evans, J. E.
Kirkwood, J. G.
Watson-Ballweg Lbr. Co.
FORT SCOTT—Brown Lumber Co.
Fort Scott Hydraulic Cement Co.
Goodlander, C. W. (Est. of), 6 E Wall
Kansas & Fort Scott Cement Co.
FULTON—Fulton Lumber Co.
GALVA—Carey-Lombard Lumber Co.
GARFIELD—Waymire, N. O.
GLASCO—Chicago Lumber & Coal Co.
GODDARD—Pond, W. M. & Co.
HANOVER—Thiele, E. W. & Bro.
HAYS—Schwaller, C. & Son
HOLTON—Brown & Hedge
HUMBOLDT—Osborn, J. H. & Co.
HUTCHINSON—Hutchinson Lbr. & Planing Mill Co.
Kansas Lumber Co.
White, L. J. Lbr. Co.
IOLA—Cooper, S. M.
Northrup Lbr. Co.
Schwartz, E. J.
JETMORE—Hodgeman County Hardware & Furniture Co.
JUNCTION CITY—Brown, Geo. T.
Geary County Lumber Co.
Moses, Geo. C.
KANSAS CITY—Frankenfield Sand & Fuel Co., Central av
James, A. R. & Son, 350 Minn. av
Wyandotte Coal & Lime Co., 553 Minn. av
LAWRENCE—Achning, Chas.
American Cement Plaster Co.
Funnell, C. C. & Co.
Lawrence Vitrified Brick & Tile Co.
Lewis, Alex.
LEAVENWORTH—Crancer, J. W. & Co.
McDonald, P. J., 3d and Cherokee
LINCOLN—Chicago Lumber & Coal Co.
LYONS—Long & Taylor
McPHERSON—Lake Superior Lumber Co.
Sudendorf, H. H.
MANHATTAN—Higinbotham, Scott N.
MARION—Newton Lumber Co.
MITCHELL—Hindes, W. P.
NESS CITY—Daniel, F. W.
NEWTON—Newton Lumber Co.
Swartz, S. M. Lumber Co.
NORTH TOPEKA—Gabriel, D. T. & Co., S E c Kansas av & Fairchild
Thomas, J. Lumber Co., S W c Kansas av & Norris
OBERLIN—Chicago Lumber & Coal Co.
Foster Lumber Co.
OTTAWA—Halloren, J., 402 S Main
Harris, M. R., 114 W 4th
Rohrbaugh & Co.
Winget, W. F. & Co.
PAOLA—Fowler, E. T. & Co.
Schroeder, M. A.
PARSONS—Clark & Bates Lumber Co.
McCreary & McClung
Parsons Lumber Co.
White, P. S.
PEABODY—Davison & Co.
PHILLIPSBURG—Central Lumber Co.
Smith. Theo. & Son
PITTSBURG—Pittsburg Lime & Cement Co.
Union Lime & Cement Co.
SALINA—Eberhardt Lumber Co.
Leidigh & Havens Lumber Co.
Sudendorf, H. H.
STERLING—Fair, D. J.
STOCKTON—Chicago Lumber & Coal Co.
TOPEKA—Culver & Bailey
Forbes Bros.
Thomas, J. Lumber Co.
Thomas, Jonathan & Son
VALLEY—FALLS—Legler, Mell & Son
WALTON—Moorhead, Jas.
WICHITA—Jackson-Walker Coal & Material Co.
Laidlaw, J. W.
Stocker, O. B., 143 N Water
Turner, J. H.

KENTUCKY.

ASHLAND—Beckette, O. F. L. & Co.
Gates Brick Co.
Strack, E. W.
Van Sant Kitchen Co.
BOWLING GREEN—Allen, Chas. S.
Phillips, Aaron
COVINGTON—Hellman, C.
Spinks, T. W.
Widrig, T. F., 423 Greenup
DAYTON—Hunter, M. R., Jr.
Walter, Anton
FIREBRICK—Portsmouth-Harbison Walker Co.
FULTON—Bransford & Bransford
GLASGOW—Dickinson Bros.
HENDERSON—Blackwell, P. A. & Co.
HODGENSVILLE—Read, Jno. W.
HOPKINSVILLE—Dalton Bros.
Dalton, H. M. Stone Co.
Forbes Mfg. Co.
LEBANON—Hilpp, J. L.
Johnston, C. B.
LEXINGTON—Des Cognets, Louis & Co.
Justice, F. T. & Co.
Sweeney & McClellan
LONDON—London Mfg. Co.
LOUISVILLE—Bannon, P. Sewer Pipe Co., 508 W Jefferson
Kentucky Wall Plaster Co., Fulton nr 1st
Louisville Cement Co. (Cement Mfrs), 331 W Main
Ohio Valley Cement Co. (Cement Mfrs.), 348 W Jeff.
Silver Creek Cement Co., 247 W Main
Speed, J. B. & Co., 331 W Main
Tyler, Owen (Mfrs' Agt.), Tyler bldg
Union Cement & Lime Co. (Cement Mfrs), 421 W Main
Utica Lime Co., 421 W Main
Western Cement Co. (Cement Mfrs' Agts), 247 W Main
MADISONVILLE—Hall, W. L.
Ruby Lumber Co.
MAYSVILLE—Dodson, O.
Matthews, W. B. & Co.
Russell, M. C. Co.
NEWPORT—Allen, M. M., 634 Monmouth
Ermert, Louis D., 1115 Monmouth
Spinks, H. C.
OWENSBORO—Morrow Lumber Co.
PADUCAH—Chamblin & Murray
Katterjohn, F. W. & Sons
Langstaff-Orm Mfg. Co.
PARIS—Dow-Hayden Grocery Co.
SHELBYVILLE—Gruber, L. H. & Sons
Hall & Chownin
VERSAILLES—Berryman, C. M.
Woolridge Bros.
WARSAW—McDanells, J. H. Sons Co.
White, Gill

LOUISIANA.

BUNKIE—Haas, W. D. & Co.
DONALDSONVILLE—Lemann, B. & Bro.
LAFAYETTE—Vordenbauman Lumber Co.
MONROE—Monroe Grocery Co.
Monroe Hardware Co.
Southern Grocery Co.
MORGAN CITY—Dalton, Jno.
Loeb, Leopold & Sons Co.
NEW IBERIA—Dreyfus, Jules
Erath Hardware Co.
NEW ORLEANS—Clark, Jas. G. & Co., 408 Magazine
Clarke, J. J. Co., 1111 Julia
Crescent Chemical & Mfg. Co., 419 Gravier
Demoruelle, Jas. & Sons, 602 N Basin
Dow, Lewis F., 419 Carondelet
Fabacher, Jos., 219 Dauphine
Fisher, Erskine W., 413 Carondelet
Ford, F. Codman, 304 Baronne
Hiller, Alfred Co., 534 Magazine
Jahncke, F., 816 Howard av
Kearny, J. Watts & Sons, 423 Gravier
Kracke & Flanders, 630 Gravier
Lagarde Lime & Stone Co., Hennen bldg
Louisiana Lime Co., Hennen bldg
Ong, Richard M., Hennen bldg
Thompson, Edward Co., 530 Natchez
Tupper, Allen, 713 Union
ST. MARTINVILLE—Voorhies, Lucien & Co.
SHREVEPORT—Allen Mfg. Co.
Ardis & Co.
Crawford, Jenkins & Booth
Henderson, W. K. Iron Works Supply Co.
Hicks Co. (Ltd.), 117 Texas
Hunter Bros., 606 Levee
Lee Hardware Co.
Taylor, W. F. Co.
Vordenbauman-Eastham Co.
THIBODAUX—Southern Investment Co.

MAINE.

AUBURN—Bearce, Wilson & Co.
Dingley, Jno. & Co.
AUGUSTA—Augusta Lumber Co.
Pinkham & Philbrick
Purinton Bros. Co.
BANGOR—Cassidy, Jno. & Son
Dunning, R. B. & Co.
Hellier, W. S. & Co.
Hopkins, A. R. Co.
Lowell & Engel
Rice & Miller
BATH—Read, Nicholas Co.
BELFAST—Cooper & Co.
BIDDEFORD—Andrews & Horrigan Co.
Banks, C. K.
BRUNSWICK—Hacker, C. E.
CALAIS—Eaton, H. B. & Co.
CAMDEN—Carleton, Pascal Co.
EASTPORT—Dyer, C. H. & Son
ELLSWORTH—Grindle, C. H.
FAIRFIELD—Savage, F. J. & Co.
Totman. Arthur H.
FOXCROFT—Gilman, A. W. & Co.
GARDINER—Decker & Day Hdw. & Coal Co.
Harrington, G. H.
HALLOWELL—Wingate, Frank S.
HARRISON—Caswell, H. H.
Jordan Bros.
HOULTON—Madigan & Madigan
MERRITT, E. & SONS
LEWISTON—Hall & Knight Hardware Co.
Hayes, J. L. & Co., 282 Main
Libby, Horace
Pettingill, Geo. S.
MECHANIC FALLS—Penney, J. W. & Sons Co.
PORTLAND—Chase, Charles S. Co., 5 Com'l Wharf
Cox & Ward Co., 169 Forest av
Lord Bros. Co., 1 Central Wharf
Portland Pipe Co.
Redlon, N. E. Co., 226 Federal
ROCKLAND—Farrand, Spear & Co.
Glover, W. H. Co.
Spear, E. L.
RUMFORD FALLS—McKeeman, J. H. Co.
SACO—Marston & Durgin.
SANFORD—Moulton Bros.
WATERVILLE—Flood, Geo. S. & Co.
Purinton, H. Co.

MARYLAND.

ABERDEEN—Wiles, Jas. A.
ANNAPOLIS—Martin, C. W. & Co.
Parlett & Parlett
BALTIMORE—Albaugh-Harley Co., 540 E Monument
Aller, Wm. A., 124 E Clement
Baltimore Terra Cotta Works, Covington & Clement
Brady, Edwd. & Son, 915 Park av
Brown, Robt. C., 918 N Gay
Bullock, Jno. S. & Son, 208 N Liberty
Carson, Wm. T., Equitable bldg
Clark, Henry, 1112 Winchester
Clarke, Wm. Wirt & Son, 4 E Lex.
Cockey, Chas. T., Jr., Arlington
Coleman, Chas. R., 9 E Lex
Ditman, Wm. C., 540 E. Monument
Elenbrok, Fredk., 2104 Fkd. av
Gault, Wm. A. & Son, 9 E Lexington
Gegner & Green, 2117 Aliceanna
Green, Robt. S., 853 Fkd. av ext
Hay, Geo. M., 14 N Greene
Hertel Co., Chester & Boston
Hudson Cement & Suppply Co., 4 E Lex.
Lee, Thos. N., 1531 Md av
Lewis, Frank I., 910 W Pratt
Maryland Cement Co., Builders' Ex.
Maryland Lime & Cement Co., Bowby's wharf
Miller, J. T. & Co., Law bldg
National Building Supply Co., Lexington c North
Nippard, Geo. O., 1180 McElderry
Ohlgart, Chas., 1016 Hartford av

Reed, Wm. H. & Co., 784 W Pratt
South Baltimore Building Supply Co., 59 E Fort av
Spengemann & Bro., 404 Short
Standard Lime & Stone Co., Fidelity bldg
Walbrook Coal & Snpply Co., 2634 W North av
Wallis, B. & Co., 210 E Lex.
Warren, Lawrence J., 213 E Falls av
Washington Building Lime Co., Fidelity bldg
Worthmann, Wm. A., 1509 E Ashland av
Zouck, P. G., 3d W c Liberty rd
BELAIR—Hanway, Barnes & McComas
BROOKLYN—Geis, Jno. H. & Co.
CAMBRIDGE—Brown, J. Ben.
Hubbard & Skinner
CHESAPEAKE CITY—Woolley & Bennett
CHESTERTOWN—Bacchns, J. D.
CUMBERLAND—Cumberland Hydraulic Cement & Mfg. Co.
Cumberland & Potomac Cement Co.
EASTON—Dixon, Robert B. & Co.
ELLICOTT—Talbott, E. A.
FREDERICK—Bowers, W. D. Lumber Co.
Markell & Trail
HAGERSTOWN—Beek & Delamater
Cushwa, Vietor & Sons
HANCOCK—Bridges, J. T. & Co.
HYATTSVILLE—Carr, C. F. & Bro.
Magruder, W. P.
LAPIDUM—Spencer & McGonigall
LAUREL—Shaffer, C. F.
Waters, Geo. W.
ST. MICHAELS—Dodson, E. N.
SALISBURY—Salisbury Lime & Coal Co.
SNOW HILL—Corddry, W. D. & Son
TEXAS—Lee, Thos. N. Co.
UNION BRIDGE—Staub, W. H.
WILLIAMSPORT—Cushwa, Victor & Sons

MASSACHUSETTS.

ADAMS—N. E. Lime Co.
AMESBURY—Bean, H. H. & Son
ANDOVER—Hardy & Cole
ARLINGTON—Pieree & Winn Co.
ATHOL—Fay, Henrie C.
Paige, C. F. & Co.
ATTLEBORO—Bowen, C. L.
Dexter, E. O.
Pieree & Carpenter
Tucker, A. H.
BELMONT—Belmont Coal Co.
McGinness, Chas. J.
BEVERLY—Pickett Coal Co.
BOSTON—Berry & Ferguson, 159 Devonshire
BOSTON FIRE BRICK CO. (Geo. M. Fiske, Mngr.), 161 Devonshire. (See adv. index, end of book)
Bryant, Edw., 30 Kilby
Curtis & Pope Lumber Co., 774 Albany
Davis, James A. & Co. (sole N. E. agents), (alpha eement), 92 State
Dorehester Building Material Co., 248 Freeport, Dor.
Eastern Clay Goods Co., 65 Oliver
Fitz, N. E. & Co., 541 Main
Great Western Cement Co., 64 Federal
Ham & Carter Co., 560 Albany
Hudson Portland Cement Co. (Cement Mfrs.), 161 Devonshire
Hussey, W. T., 221 State
Kane, John P. Co., 112 Water
Lewis, D. W., 192 Devonshire
Mitchell, W. S., Railroad c Willow, W. R.
Mullen, W. B., 95 Milk
Nash, Willard G., 220 State
New England Adamant Co., 325 Medford
New England Pipe & Cement Co., 147 Milk
Norcross, W. C. Co., 484 Albany
Nute, A. T. & Son., 115 Southampton
O'Connell, J. P. & Co., 280 Freeport, Dor
Portland Stone Ware Co., 42 Oliver
Rockland-Rockport Lime Co., 166 Devonshire
Spiers-Fish Co., Equitable bldg
Stetson, Cutler & Co. (Lime), 70 Kilby
United Building Material Co., 101 Milk
Waldo Bros., 102 Milk
Windsor Cement Co., 446 Albany
Wood, Geo. H. Co., 431 Medford
Wood, Wm. H. & Co., B'way e 3d
BRADFORD—Taylor, Goodwin Co.
BRIDGEWATER—Keith, Sumner
BROCKTON—Mitchell, Isam & Co.
CAMBRIDGE—Cambridge Lbr. Co., 101 Main
Clark Bros., 2464 Mass. av
Gale, Geo. W. Lumber Co., 640 Main
Lewis, D. W. & Co., 694 Cambridge cp
Purcell, H., 443 Main
Wood, J. M. & Co., 13 B'way
CAMBRIDGEPORT—(See Cambridge)
CHELSEA—Phillips & Hodgdon
Tukey, S. S. & Co.
CHICOPEE—Rourke, Patrick, 18 West
CLINTON—Frazer, C. & Son, Main st
Fuller, Wm. A., 385 Main
COTTAGE CITY—Barney, D. J.
Norton, H. L. & Co.
Rice, H. H.
DEDHAM—Fisher-Churchill Co.
EAST BRIDGEWATER—Dean, Joshua (Est. of)
EAST HAMPTON—Meserve, G. D.
EAST LONG MEADOW—Whitaker, F. H.
EAST WHITMAN—Cook, R. W.
EVERETT—Green & Harrington
Green & Harrington
Murphy, D. P., 389 B'way
FALL RIVER—Borden, Guiney & Kendall
Prosser, Wm. & Son., 193 Pleasant
Staples Coal Co., 36 Bedford
Wilson, Jas. H., 2000 N. Main
FITCHBURG—Lawrence Bros., 40 Main
FOXBORO—Williams, Geo. F.
FRANKLIN—Metcalf, O. F. & Sons
Ray, Jas. F.
GARDNER—Dyer, Geo. N.
Howe Bros.
Perry, E. E. Co.
GLOUCESTER—Griffin & Co.
Nauss, L. B. & Sons
GREAT BARRINGTON—Brewer, Jno. A.
Platt & Turner
GREENFIELD—Lamb Bros.
Pray, R. E.
HARWICH—Moody, J. M.
HAVERHILL—Chase, D. D. Lumber Co.
Taylor-Goodwin Co.
HINGHAM—Kimball, Geo. E.
HOLYOKE—Burnham, C. G., 127 Main
Callahan, M. Co., 28 Main
City Mills Co., 122 Front
Prentiss, Brooks & Co., 56 Main
HUDSON—Jones, E. A.
Robertson & Larkin
HYANNIS—Crocker, T. & Sons
Sears, J. K. & B. & Co.
HYDE PARK—Darling, F. W. Co.
IPSWICH—Glover, John S.
LAWRENCE—Gage, G. L., 594 Essex
Lahey & O'Donnell
Lawrence Lumber Co.
O'Mahoney, M., 8 West
Runnells, O. E., 8 Jackson
Theberge, Bros., 170 Valey
Treat Hdw. & Supply Co., 584 Essex
LEE—Heaphy, Wm. A.
LOWELL—Bennett, Jno. C., 269 Dutton
Cawley, Edward, 131 Central
Connors Bros., 16 Thorndike
Livingstone Grain Co., 15 Thorndike
Mullin, Jos., 953 Gorham
Staples Bros. Co. (Sewer Pipe), School n Gas Works
Sullivan, D. T., 45 Perry
LUDLOW—Burr Co.
LYNN—Blaney, Jno. W. (Est. of), 843 Wash'n
Lamper, J. B. & W. A., ft. of Pleasant st
Whittredge, W. C. & Co., 2 Sca.
MALDEN—Kaulback, W. S.
Locke Coal Co.
Neville, Thos. J.
Robinson, J. H. (Est. of)
MANSFIELD—Drew, P. A. & Co.
King, A. D.
MARBLEHEAD—Martin, J. S. & Co.
MEDFORD—Cowin, J. N. & Co.
Highland Coal Co.
MELROSE—Benson, S. D. & Co.
Goss, C. B. & F. H.
MELROSE HIGHLANDS—Hellen, S. H.
MIDDLEBORO—Cushing, M. H. Co.
MILFORD—Barney, H. A.
Field, Z. C.
MILLIS—Mitchell, W. S.
NANTUCKET—Killeen, John
Swain, William T.
NATICK—Robinson & Jones
Union Lumber Co.
Whitney, E. & Co.
NEPONSET—(See Boston)
NEW BEDFORD—Greene & Wood
Paine, S. S. & Bro., 139 Front
Paisler, Chas. S., 160 N Water
NEWBURYPORT—Colman, Jas. C.
NEWTON UPPER FALLS—Sweet, I. W.
NEWTONVILLE—Nonantum Coal Co.
NORTH ABINGTON—Reed, A. B.
NORTH ADAMS—Alderman & Carlisle
Burlingame & Darbys Co.
Sykes Coal & Grain Co.
NORTHAMPTON—Bailey, W. A.
Matthews, A. C.
Sullivan, J. A., 3 Main
ORANGE—Orange Hdw. Co.
Potter, A. D.
PALMER—Flynt Bldg. & Construction Co.
PEABODY—Trask, J. Arthur
PITTSFIELD—Gamwell, C. C., 65 Columbus av
Howard & Morrow, 59 North
PLYMOUTH—Atwood, Anthony
Sampson, Ernest L.
PROVINCETOWN—Dyer, B. H. & Co.
Lewis & Brown
QUINCY—Crane, F. H. & Son
Richards, A. J. & Son
READING—Bancroft, Wendell & Co.
ROCKLAND—Culver, A. Co.
SALEM—Fairfield, James, 52 Central
Langmaid, J. P. & Sons, 301 Derby
Parsons, Jos. M., 303 Bridge
Pickering, G. W., 87 Union
SHELBURNE FALLS—Newell, H. & Co.
SOMERVILLE—Highland Coal Co., 367 Highland av
Sparrow, E. S. & Co.
SOUTHBRIDGE—Daniels, A.
SOUTH FRAMINGHAM—Fales, A. Sons Co., 2 Beach
SPRINGFIELD—Curtis, D. J., 77 Everett
McKenzie, Wm. D., 23 Yale
Noble, Burton E. Co., 202 Lyman
Puffer, H. C. Co., 150 State
Shea, T., 19 Hampden
Vaughan, Geo. N., South n S E Bdge
Viets, S. D. Co., 486 Mill
Wilder, John W., 129 State
STONEHAM—Blanchard, Kendall & Co.
TAUNTON—Sanders, C. V. & Co.
Staples Coal Co., 50 City sq
TURNER'S FALLS—Webster, F. I.
UXBRIDGE—Blanchard Bros. Granite Co.
Harris, William M.
WAKEFIELD—Mansfield, A. L.
WALTHAM—Buttrick Lumber Co.
Carney, J. Coal Co., 70 Calvary
Frost, G. Frank, 33 Moody
Waltham Coal Co., 663 Main
WAREHAM—Gurney, Ansel S. & Co.
WATERTOWN—Pevear, W. H. & Co., 5 Spring
WESTFIELD—Gladwin, L. Jr., 224 Elm
Hildreth, E. T.
Mahoney, P. J., 46 Orange
WEST NEWTON—Eddy C. F. Co.
WEST STOCKBRIDGE—New England Lime Co.
WEYMOUTH—Rhines, J. B. & Co.
Sanborn, W. F. & Co.
WILLIAMSTOWN—Watermen & Moore
WINCHESTER—Blanchard, Kendall & Co.
WOBURN—Barker Lumber Co.
Wyman, R. B.
WORCESTER—Gough, H. D. & Co., 142 Central
Marsh, B. F., 24 Maywood
Powers, Frank E., 20 Southgate
Smith-Green Co., 26 Shrewsbury
Wilson & Holden, 154 Main

MICHIGAN.

ADRIAN—Gimbert, Thomas
Matthes Bros.
Stevenson, A. & Son
ALBION—Steele, Francis E.
ALLEGAN—Dunning, H. M.
Green, F. H.
ALMA—Tinker & Hannah
ALMONT—Hart & Sullivan
ALPENA—Collins, Richard
Fox, Owen
ANN ARBOR—Sweet, G. W.
Wood, S. & Co.
ARMADA—Hebblewhite, G. H., F. E.
BAD AXE—Carey, W. H. & Co.
Muehler & Traux
BANGOR—Broadwell, William M.
BATTLE CREEK—Dibble, W. N.
Kirkpatriek, W. J.
Knox & Seadorff
Lewis, Morgan M. & Sons
Rupert & Morgan
Stiles, I. H.
BAY CITY—Boutell Bros & Co.
Stiver-Mather Co.
Young, F. P.
BAY SHORE—Elk Portland Cement & Lime Co. (Jobbers)
BELDING—Prall, M. J.
BELLEVILLE—Miller, Frank
Wallace, W. A.
BELLEVUE—Mulvany, F. M.
BENTON HARBOR—Robbins, W. P.
BESSEMER—Hanson, Cornelius
BIG RAPIDS—Sloss, William J.
BRIGHTON—Hyne, F. T. & Co.
BROWN CITY—Large, John

CADILLAC—Cobbs & Mitchell
Manktelow, C. J.
Wilcox Bros.
CALUMET—Armstrong, Thielman Lumber Co.
CARO—Heartt, Wm. A.
Van Tine, T. W. & Co.
CARSON CITY—Rockafellow Grain Co.
CASSOPOLIS—Hayden, W. B. & Son
CHARLOTTE—Webster, Cobb & Co.
CHEBOYGAN—Dodd, G. C. & Co.
McArthur, W. & A. Co., Ltd.
COLDWATER—Beard & Son
Pollock, S. & Son
COLEMAN—Curtice, J. E. & Son
Simons, T. B. Mercantile Co.
CORAL—Hill & Armitage
CROSSWELL—Helm Bros.
Quail, D. & Son
DEARBORN—Wallace, James D. (Also Lumber)
DETROIT—Adams, E. T., Home Bank bldg
Boomer, I. E., Forest av, E. & D. G. H. & M. Ry.
Brady & Co., 9 Woodward av
Connors, John Jr., 18 Clinton av
Evoy, Thos., Moffatt bldg
George, D. & Son, 1240 Jeff. av
Hoames, W. E. & Co., 75 Woodbridge, W
Holmes, F. B. & Co., Hammond bldg
Houghten, Hy., Hammond bldg
Little, Charles H. Co., Peninsula Bank bldg
Meyer, R. M., c River & Rouge River R. R.
Michigan Builders' Supply Co., c Forest av E, & D. G. H. & M Ry.
Noble & Co., ft. of 1st
Steinheiser, Christian P., 745 Gratiot av
Stevens, F. B., 3d & Larned
Thomas Bros. & Co., Hammond bldg
U. S. Gypsum Co., Hammond bldg
DOWAGIAC—Bishop, George E. Hardware Co.
Judd, M. & Son
Lindsly, J. A. & Co.
Schmitt Bros.
DRYDEN—Booth, Robert
EATON RAPIDS—Webster, Cobb & Co.
ESCANABA—Nee, Coleman
FAIR GROVE—Richardson, F. H. & Co.
FENNVILLE—Dickinson, L. S.
FENTON—Potter, Burdick & Son
FLINT—Doyle, Thos.
Matthewson, Stephen & Son
Randall Lumber & Coal Co.
Switzer Bros.
FLUSHING—Ottaway, J. E. & Co.
FOWLERVILLE—Cook, F. J. & Co.
Rounsville, F. G.
FREEPORT—Cool, J. D.
Fox, W. & Co.
GRAND LEDGE—Astley, E. C. & Son
Doty & Doty
GRAND RAPIDS—Dykema, K. & Son, 14 W Bridge
Himes, Albert, 65 Pearl
Hyde, Albert, 860 Madison
Knowlson, A. B., under National City Bk
Morman, S. A. & Co., 25 Canal
Wykes-Schroeder Co., Wealthy av & M. C. R. R.
GREENVILLE—Miller & Miller
HANCOCK—Stringer, J. S.
HILLSDALE—Aldrich, G. A. & Son
HOLLY—Hudson, M. M.
HOUGHTON—Van Orden, Matthew Co.
HUDSON—Mayes, E. & Co.
HUDSONVILLE—Hughes, B. & T. (Also Saw Mill)
IMLAY CITY—Walker, Walter & Co.
Walker, Walter & Co.
IONIA—Page, W. C. & Co.
IRON MOUNTAIN—Holfeltz & Streble
ISHPEMING—Consolidated Fuel & Lbr. Co.
Losselyong Bros.
ITHACA—Gibbs, D. C.
JACKSON—Bartlett, J. E. Co.
Howind, C. A.
Jackson Lumber & Coal Co.
Lake, Ulricksen Co.
KALAMAZOO—Darling, Wm. P.
Dewing & Sons
Molhoek, Peter
North & Coon Lumber Co.
Sales, James A.
LAINGSBURG—Sharpe & Lanning
LAKEVIEW—Macomber & Bale
Smith, C. N.
LANSING—Lacy, P. E. & Co.
Lansing Artificial Stone Co.
Whitehead, R. C.
LAPEER—Cutting, Frank R.
King, Robert Lumber Co.
White, Robert A.
LOWELL—Ecker & Foster
Giles, J. & Co.
LUDINGTON—Kieswalter, John
MANCELONA—Mancelona Mfg. Co.
Wisler & Co.
MANCHESTER—Kelly, James
MANISTEE—Buckley & Douglass Lumber Co.
Duncan, J. W.
Filer, D. L. & Sons
Sands, Louis
MANISTIQUE—White Marble Lime Co.
MANTON—Meyer Hdw. Co.
MARINE CITY—Decker, Rudolph
MARLETTE—McGill, William B.
Wilson, H. W.
MARQUETTE—French, George E.
MASON—Mickelson, Carl P.
MEMPHIS—McCall & Co.
Memphis Roller Flouring Mills
MENOMINEE—Lyon Bros & Co.
Nowak, F. C.
MIDDLEVILLE—Rosenberg & Forbes
MIDLAND—Baker, W. L.
MILFORD—Cate, Potts & Cate
MOLINE—Heizmann, J. G.
MONROE—Radtke August
MT. CLEMENS—Hacker, F. G.
Lonsby Lumber & Coal Co.
Paganetti, John S.
Ullrich, R. C.
MUIR—Hawley, West & Co.
MUSKEGON—Holton Brick Co.
Kanitz, L. H.
NEW BALTIMORE—Baker, William
NILES—Reddick, W. A.
OLIVET—Webster, Cobb & Co.
OTSEGO—Bardeen, Geo. E.
Siple, George H. & Co.
OWOSSO—Todd, Albert & Co.
PAW PAW—Hathaway, C. N.
Waters, H. C. & Co.
PLAINWELL—Wilson & Man
PLYMOUTH—Eddy & Allen
PONTIAC—Osmun, W. H.
PORT HURON—Boynton, Chas. L.
Cameron & Co
Jenks, Taylor, Howard & Co.
Thompson, J. W., Jr.
Union Dock & Storage Co.
PORTLAND—Estep, Chas. A.
QUINCY—Livingston, John
Kinyon, E. H.
READING—Hartwell & Doig
REED CITY—Stoddart Bros.
Welsh Mfg. Co.
RICHMOND—Acker, W. H.
SAGINAW—Goodman & Winkler, 235 S Tilden.
Johnson, E. E., 401 S Tilden E
Morley, Ewen & Co., E Side
Remer Bros., 300 Madison, W S.
ST. CLAIR—Belknap & Phillips
Sheldon, Charles
ST. JOHNS—Hicks, John C.
McKnight, L. G. & Co.
Osgood, James S.
ST. JOSEPH—Preston, W. A.
Wallace, John & Sons
SALINE—Ford, E. W. & Son
SAUGATUCK—Bird, Charles E. & Co.
SAULT STE. MARIE—Port Royal Dock Co.
SHELBY—Elliott, Harrison
SOUTH ROCKWOOD—Strong, John
SPARTA—Loomis, C. H.
SPRINGPORT—Hoag, R. B. & Son
STANTON—Pierson, John W. S. & Co.
TECUMSEH—Chilson & Moore
Slayton, C. A.
THREE OAKS—Brower, Jacob
THREE RIVERS—Case, F. M. & Co.
Griffith, John
TRAVERSE CITY—Hannah & Lay Mercantile Co.
UTICA—St. John, J. H. & Co.
VASSAR—Miller, Frank
VICKSBURG—Clapp Bros.
WALDRON—Abbaduska & Son
WALTZ—Waltz, Jos.
WAYNE—Wallace, John B.
WEST BAY CITY—Emery, John H. & Co.
WHITE PIGEON—Driesbach, F. C.
WILLIAMSTON—Dennis, M. A.
WOODMERE—Mason, Richard
WYANDOTTE—Wayman Coal & Ice Co.
YALE—Walker & Middleton
Wharton & Co.
YPSILANTI—Thompson, O. E. & Sons
Webster, Cobb & Co.
ZEELAND—Zeeland Brick Co.

MINNESOTA.

ADRIAN—Becker, J. C.
Shull, J. & W. C.
ALBERT LEA—Albert Lea Lbr. & Stock Co.
ALEXANDERIA—Page Bros.
ANOKA—Chesley, J. A.
McCauley, George A.
BIWABIK—Colvin & Robb
BLOOMING PRAIRIE—Solberg, A. Lumber Co.
Veblen Mercantile Co.
CLOQUET—Fish, L. A. & Co.
DULUTH—Bullard, H. D., Palladio bldg
Cutler, D. G. & Co., Providence bldg
Kelly Island Lime & Tran. Co.
Paine & Nixon Co., 106 W Mich.
Standard Salt & Cement Co., 241 Lake av, S
Thomson & Dunlop, 226 W Mich.
FERGUS FALLS—Barbeau, Dave
Gray, F. H.
HUTCHINSON—Thompson, M. C.
LITCHFIELD—Esbjornson, John
LITTLE FALLS—Mathieson, Thomas J.
MADELIA—Gove, E. E.
MANKATO—Coughlan, T. R.
Fowler & Pay
Hanna, M.
Mankato Lime & Stone Co.
MILAN—Anderson, T.
Christensen Bros.
MINNEAPOLIS—Cooper, J. W., Lumber Ex.
Cutler, D. G. Co., 163 Colfax av, N
Dunn, Theo., 15 S 4th
Ericson, G. W., 216 3d av, S
Fowler & Pay, Lumber Ex.
Guarantee Cement & Stone Co., New York Life bldg
Hewson, S. J. Co. (Mfrs.' Agts.), 10 N 3d
Homan Cement & Lime Co., Lumber Ex.
Johnson, Harold, 216 Lumber Ex.
Landers-Morrison-Christenson Co., Lumber Exchange
Menomonie Hydraulic Press Brick Co., 10 N 3d
Minneapolis Lime & Cement Co., 216 3d av, S
Northwestern Lime Co., Lumber Ex.
Stewart, C. L. Lumber Co., New York Life bldg
Superior Mfg. Co., 209 Hennepin av
Union Railway Storage Co., 26 Washington av, S
MOORHEAD—Moorhead Brick Co.
MORA—McIrhargey, S. D.
MORRIS—Jones, Edwin J. Lumber Co.
NEW ULM—Bingham Bros.
OWATONNA—Laird, Norton Yards
Thompson & Roell Hardware Co.
PELICAN RAPIDS—Stenerson Bros.
RED WING—Lillyblad, Gustave
ROCHESTER—Dodge, Wm. H., Main st
ROLLINGSTONE—Schuh Bros.
ST. CLOUD—Gruber & Co.
ST. PAUL—Bell, D. L., 274 Jackson
Capital City Lime & Cement Co., Natl. G. A. Bank bldg
Eureka Stone Co., 709 Wabasha
LAWES, GEO. H. & CO., Gilfillan bldg. (See adv. below)

GEO. H. LAWES & CO., Building Materials

"Cabot's" Shingle Stain and Quilt.
"Celadon Coy's" Roofing Tile.
"Flexifold Coy's" Rolling Partitions.
"Higgins" Metal Frame Window Screens.
"Rinalds" Porcelain Enamel Paint.
"Dodges" Black Board Material.
"Kimballs" Electric Elevators.
"Swezeys" Dumb Waiters.
Terra Cotta and Mortar Color.
Steel Rolling Doors and Shutters.
"Dehydratine" Damp Proofing.
Expanded Metal and Wire Lath.
Metal Wall Ties and Wall Plugs.
"Union" Metal Corner Beads.
"Union" Brick Bonds.
Venetian Blinds and Screens.

409 Gilfillan Block, ST. PAUL. 'Phones N. W. 2537-Ll. and Twin City 'Phone 1027.

Northwestern Lime Co., 71 Lower Levee
St. Paul Lime & Cement Co., 156 E 3d
Shakopee Cement & Lime Mfg. Co., 220 Chestnut
Spates, S. P. & Co., 164 E 3d
SAUK CENTRE—Ingram Lumber Co.
SHAKOPEE—Schroeder Brick Mfg. & Merc. Co.
STILLWATER—Kilty, Jno. J.
THIEF RIVER FALLS—Bailey & Diebold
WARREN—Lundgren, August
Robertson, Lumber Co.
St. Hilaire Retail Lumber Co.
WINDOM—Strunk, Sherwin Co.
Windom Brick & Tile Co.
WINONA—Biesanz, Philip
Bolcom, H. C. Lumber Co.
Cone, R. D. Co.
Empire Lumber Co.
Laird-Norton Yards
O'Dea, John
Willis, H. J.

MISSISSIPPI.

BILOXI—Rosell, T. J. Mfg. Co.
GREENVILLE—Neal, Wm. H.
GREENWOOD—Barrett, A. H. & Son
JACKSON—Jackson Lumber Co.
Morrison Bros.
MERIDIAN—Hester, J. A. & J. H.
VICKSBURG—Beck, Jno. W.
Crook, R. L. & Co.
Gregory, T. S.
Williams, P. P. Co.
Worrell, W. O. & Co., N Wash'n
Wright Bros.
YAZOO CITY—Powell, J. F.
Quekemeyer & Gardner

MISSOURI.

BETHANY—Cadle Lumber Co.
Miner & Frees
BEVIER—Rowland Bros.
BILLINGS—Tiede, John & Co.
BONNE TERRE—Tetley, W. A.
BOONVILLE—Meierhoffer, Chas.
Roberts, E. H. & Son
BROOKFIELD—Bettleheim, A. E. Co.
BUTLER—Logan-Moore Lumber Co.
Wyatt, W. C. & Son
CALIFORNIA—Mengel, W. H.
CANTON—Ellis, J. B.
CARTHAGE—Harrison, J. F.
Home Lumber Co.
Regan, S. H. Lumber Co.
Thomas, B. F.
COLUMBIA—McAlester Lumber Co.
Tandy, M. M. & F. A.
DE SOTO—Herman, Otto
ELDORADO SPRINGS—Logan-Moore Lumber Co.
EXCELSIOR SPRINGS—Chicago Lumber Co.
FARMINGTON—Iseman, Jno.
Lang & Bro.
Tetley-Klein Lumber Co.
FAYETTE—Lacrosse Lumber Co.
FREDERICKTOWN—Fredericktown Brick Co.
Fredericktown Lumber Co.
FULTON—Callaway Hardware Co.
GALLATIN—Ballew, T. W.
HANNIBAL—Hannibal Lime Co.
HOLDEN—Starkey, I. (Est. of)
JOPLIN—Chickering, H. L.
KANSAS CITY—Aetna Cement Plaster Co., 121 W 8th
Brockett, C. A. Cement Co., 121 W 8th
Creel, T. C. Lumber Co., 5th c Central
Deatherage Lumber Co., 1065 W 8th
Halliwell Cement Co. (Cement Mfrs.), 312 E 9th
International Trading Co., M. K. & T. bldg
Kansas City Lumber & Fuel Co., 20th & Walnut
Kansas City & Fort Scott Cement Co. (cement mfrs), 121 W 8th
Lynch-Watkins Lime & Cement Co., 1900 Walnut
Merrill, J. W., 3820 Inde av
Missouri Lime & Cement Co., 203 Postal Telegraph bldg
Robertson & Hollinger Coal Co., S. W. Boul. & B'way
Roll Coal & Lime Co., 1929 Main
Western White Lime Co., Postal Tel. bldg
LEBANON—Lingsweiler, J. G.
LEXINGTON—Moorhead, J. R.
LUTESVILLE—Clark, Geo. E. & Son
MARSHALL—Page, E. R.
Rose Bros.
MARYVILLE—Conrad & Totterdall
MONETT—Otterman, J. H.
NEOSHO—Briggs-Centers Hardware Co.
Neosho Planing Mill Co.
POPLAR BLUFF—Reynolds, Jesse
ST. JOSEPH—Badger Lumber Co., 6th & Penn
Biles, N. D. L. & Co., 1422 S 6th
Burgess-Frazer Iron & Hardware Co.
Dougherty & Moss Lumber Co., 10th & Mitchell av
Early, T. R. & Co., Pryor & Ariz. av
Friede & Bode, 17th c Grand av
Fuller Lumber & Coal Co., 901 S 6th
Fullerton Lumber Co., 8th & Patee
McVeity, F. R. Fuel Co., 6th c Olive
Nold, C. H. Lumber Co., 1212 N 4th
Nowland, Chas., 814 Felix
Preston & Newcomb, 301 S 3d
Ray, E. W. & Son, 802 S 7th
ST. LOUIS—Acme Cement Plaster Co., 904 Olive
Banner Lime & Cement Co., 2436 Koscuisko
Carthage Marble & White Lime Co., 706 Chestnut
Glencoe Lime & Cement Co., 1400a Old Manchester road
Goetz, Chas. W. & Co., 3527 Gratiot
Hunkins-Willis Lime & Cement Co., (wholesale), 18th & Austin
Illinois Steel Co., Odd Fellows bldg
Iola Portland Cement Co., 436 S Theresa av
McNeil Pressed Brick Co., Chemical bldg
Martin, Lawrence & Co., Parnell & Nat'l Bridge rd
New Union Sand Co., 211 N 7th
Paule, A. B., 7924 S B'way
St. Louis Portland Cement Co., Prospect Hill Station, C., B. & Q. Ry
SEDALLIA—Gallie Lumber & Fuel Co.
SPRINGFIELD—Campbell Lumber Co.
Fahrenhorst, F. W. G.
Garrett, W. L.
Marblehead Lime Co.
Owen Coal Co.
Rogers & Baldwin Hdw. Co.
Springfield Planing Mill & Lumber Co.
TIPTON—Ferguson, Wm. M.
UNION—Reinhard, Chas. P.
WEBB CITY—Matthews, C. E.
WENTZVILLE—Michel, Henry
WEST PLAINS—Holt, S. J. Lumber Co.
WINDSOR—Arnold & Hayden

MONTANA.

ANACONDA—Anaconda Copper Mining Co.
Stagg, J. P.
BILLINGS—Allen, H. M. & Co.
Babcock, A. L. Hardware Co.
BOZEMAN—Brown, J. N.
BUTTE—Anaconda Copper Mining Co.
Butte Sewer Pipe & Tile Co.
Citizens' Coal Co.
DILLON—Dillon Lumber Co.
GREAT FALLS—Graham & Ross
Great Falls Lumber Co.
Holter Lumber Co.
Murphy-MacClay Hardware Co.
HELENA—Holter, A. M. Hdw. Co., 113 N Main
Prescott, A. K.
Sanford & Evans
WHITEHALL—Jefferson Valley Trading Co.

NEBRASKA.

BEATRICE—Beatrice Brick Works
Von Steen, J. H. (Wholesale)
Wiebe, J. G.
BLAIR—McQuarrie, John
EDGAR—Hart, H. C.
FREMONT—Nye-Schneider-Fowler Co.
GOTHENBURG—West, E. G.
GRAND ISLAND—Harrison, W. H.
Schmidt, Louis
HEBRON—Young, Knode & Co.
HOLDREDGE—Cornell & Talbot
HUMBOLDT—Philpot & Tanner
KEARNEY—Gilcrest, F. H. Lumber Co.
Seeley, C. S.
KENESAW—Kenesaw Lumber Co.
LAUREL—Waite, Oliver & Son
LINCOLN—Brown, F. W. Lumber Co.
Dierk's Lumber & Coal Co.
Searle & Chapin Lumber Co.
Trester Lumber, Coal & Ice Co.
Whitebreast Coal & Lumber Co.
Young, R. S. Building Supply Co.
LOUP CITY—Ohlsen Bros.
NEBRASKA CITY—Bickel, R. B. & Co.
Bischof, Wm.
NELIGH—Brenton, T. H.
NORFOLK—Chicago Lumber Co.
Edwards & Bradford Lumber Co.
Mittlestadt, L. C.
NORTH PLATTE—Iddings, C. F.
OMAHA—Adams & Kelly Co., 1529 Sherman
Bullard, Houghland & Benedict, Izard c 20th
Cady, H. F. Lumber Co., 6th & Douglas
Chaffee, C. L. & Son, New York Life bldg
Disbrow, M. A. & Co., 1201 Nicholas
Guion & Ledwich, 1024 N 18th
Hampton Lumber Co., 1242 S 16th
Hoagland, G. A., c 9th & Douglass
Hull, C. W. Co., Izard, c 20th
Neb. Coal & Lime Co., 109 S 15th
Omaha Coal, Hay & Building Supply Co., 303 S 13th
Rosenbery Bros., 1501 Marcy
Wagner & Buchanan, 23d & Paul
SOUTH OMAHA—Bradford-Kennedy Co.
Bradford, Louis Lumber Co.
Howland, E. H. Lumber & Coal Co.
Munshaw, Ed. & Co.
Watkins, J. B. & Co.
TEKAMAH—Houston, E. C. & Co.

NEW HAMPSHIRE.

ASHLAND—Merrill, D. C.
BERLIN—Berlin Mills Co.
Rowell, H. C.
BRISTOL—Merrill, C. N. & Son
CLAREMONT—Boynton & Ellis
Osgood, E. B.
CONCORD—Day, A. N.
Dickerman & Co.
Woodworth & Co.
DOVER—Place, A. Converse
EPSOM—Marden, Freeman
EXETER—Dow, A. N.
Smith, L. B. & Son
FRANKLIN FALLS—Stevens, C. P.
Tilton, A. C.
KEENE—Knowlton & Stone
Spencer Hardware Co
LACONIA—Smith, John P.
LANCASTER—Moore, L. F. (Heirs of)
Smith, Frank & Co.
LISBON—Parker & Young Co.
MANCHESTER—Adams Bros.
Head & Dowst Co.
Merrill, Clarence R.
Parker, Henry W.
Titus, D. A.
MEREDITH—Bartlett & Smith
MILFORD—Kittredge Edward G.
Winslow, W. L.
NASHUA—Hall, Williams
Stearns, Henry
Tilton, O. B.
Willard, George A.
NEWPORT—Rowell, F. P.
NORTH CONWAY—Gibson, J. L.
PEMBROKE—Warren, H. M.
PENACOOK—Rolfe, C. M. & A. W.
PORTSMOUTH—Broughton, J. H.
Walker, C. E. & Co.
Walker, J. A. & A. W.
ROCHESTER—Bradley, Charles W.
Morrill & Greenfield
TROY—Kimball, E. P. & Son

NEW JERSEY.

ASBURY PARK—Buchanon & Smock Lbr. Co.
Farmer, Geo. P. Coal & Supply Co., 51 S Main
Lewis, Charles, Main n B'way
Taylor, L. M., 1107 Main
ATLANTIC CITY—Borton Coal & Trading Co.
Smith, Edwin, 1211 Arctic av
ATLANTIC HIGHLANDS—Hopping & Ely
BAYONNE—Booth, A. W. & Bro.
Brady, James, 42 E 1st
BEVERLY—Perkins, A. T.
BLOOMFIELD—Bloomfield Coal & Supply Co.
Ogden & Cadmus
BOONTON—Boonton Lumber Co.
Salmon, Henry & Son
BORDENTOWN—Chamberlain, John G.
Shreve, W. A. & Co.
BOUND BROOK—Cook, L. D. & Co.
BRIDGETON—Cassidy Bros.
BURLINGTON—Milnor, Thomas & Sons
Vandergrift, William R.
CAMDEN—Camden Lime Co., 127 Federal
Camden Supply Co., 301 Market
Justice, J. S. & Co., 131 Main
Kilpatrick, Samuel A., Market ab 12th

Reeve, Aug., 31 Market
Smith, B. S., Federal nr Coopers Creek
Taylor Bros., c Front & Market
CRANFORD—Rindell, R.
DECKERTOWN—Decker & Simmons
DOVER—Birch, Foster F.
Dover Lumber Co.
EDGEWATER—Hinner's, E. H. Sons
EAST ORANGE—Cook & Genung Co., 445 Main
Pierson, James T. & Co., 89 Dodd
ELIZABETH—Hall & Carlton, 124 Broad
Marron, John & Son, 226 Clark pl
Mulford Coal & Lumber Co.
Neureiter & Horre, 336 E Jersey
Sayre, T. F. & H. C., 1064 Elizabeth av
Thompson, J. & S. S., 1100 Elizabeth av
ENGLEWOOD—Bogert, Andrew D.
Payson, George H.
Tuttle Bros.
ENGLISHTOWN—Conover, Wm. L.
FANWOOD—Smith, C. A. & Co.
FREEHOLD—Statsir Lumber Co.
GLADSTONE—Tiger, Ellis Co.
GLASSBORO—Shute, A. E.
GLOUCESTER—Stinson & Dickinsheets
HACKENSACK—Gardner, J. E.
Holley & Smith
HADDONFIELD—Bell Bros.
HAMMONTON—Bernhouse, William H.
HOBOKEN—Birch, Thos. E.
Kortlang, Hy., 60 Park av
JAMESBURG—Perrine & Buckelew Co.
JERSEY CITY—Baldwin Lumber Co., Garfield av
Hall, James P., ft Henderson
Union Stone Co., Brunswick c 10th
Van Keuren & Son, Grand & Prior
Washburn Bros. Co., ft. Jersey av, South Cove
KEARNEY—(See Arlington)
KENVIL—Kenvil Lumber & Coal Co.
LAKEWOOD—Lakewood Supply Co.
Larabee, Alfred S.
Loomis, A. J. Co.
Major, George E.
LAMBERTVILLE—Massey, Geo. W.
LONG BRANCH—Chandler & Maps
Edwards Lumber & Coal Co.
MADISON—Bruen & Morres
Green & Pierson
Smith, Joseph M. Co.
MANASQUAN—Vanleer, E. S.
MATAWAN—Cartan & Delvin
MERCHANTSVILLE—Collins & Pancoast
METUCHEN—Edgar, Chas. S.
Freeman, Manning & Son
MILLVILLE—Cory, Charles F.
Kimball, Prince & Co.
MONTCLAIR—Persons, W. O.
MOUNT HOLLY—Cronk, Horace
Dubell, Furman
Gaskill, Judson C.
NEWARK—Builders' Material & Supply Co., 9 Badger av

COOK & GENUNG CO., 16 & 18 Jersey

James, T. M., Jr., 57 Vanburen
Newark Lime & Cement Mfg. Co., ft Bridge
Newark & Rosendale Lime & Cement Co., 763 Broad
Ogden, E. E., Chestnut c McWhorter
Phillips White Rock Lime Co. (Lime), 125 Front
Reeve, Abner S. & Sons, 88 Front
Sayre, James R., Jr., & Co., River n Centre St. Depot
Sayre, Marcus Co., Front n Centre Bridge
Schoonmaker, W., Vernon av & Erie R. R.
Tomkins Bros., 74 Passaic
Wolf, Stewart & Co., Waverly av c Peshine
Woodward, A. H. & Co., 110 Passaic
NEW BRUNSWICK—Johnson, William H.
Rolfe, John H., 181 Burnet
Weigel, Philip, Jr., 2 Peace
NEWTON—Losee, F. E.
OCEAN CITY—Burleigh, E. W. & Co. (Lumber)
Shoemaker, C. H. Lumber Co.
ORANGE—Conover Bros., 51 Lincoln av
Matthews, A. M. & Co., 68 Freeman
PASSAIC—Anderson Lumber Co.
Campbell, Morrell & Co.
PATERSON—Agnew, John, Slater & Prince
Brogan, T. J. Co., Straight & Peach
Forbes, Cyril R, 785 Main
Goble, Martin, R. R. av c Ward
Kelley, C., R av c Green
Sharpe, Jos. Construction Co., 18th n Van Houten
Smith, A. H., 41 Lafayette
Stiles, E. M., 223 Ellison
PENNGROVE—Barber & Turner
Summerill, J. & Bro.
Turner, C. C.
PERTH AMBOY—Donnell, W. J.
Farrington Co.
Langan, Thomas
Robbins, I. R.
PLAINFIELD—Boice, Runyon & Co., 242 Park av
Loizeaux, Joshua D. & Co., 640 North av
PLEASANTVILLE—Lake & Risley Co.
PRINCETON—Beekman, J. V. D.
McCarthy & Sons
RAHWAY—Ayres, Ira C.
Friese, G. M.
RED BANK—Throckmorton, J. A.
RIDGEFIELD PARK—Brewster & Son
RIVER EDGE—Bogert, A. Z.
RIVERTON—Thomas Bros.
ROCKAWAY—Stickle, B. K. & J. W.
ROSELLE—Bachman, H. S.
RUTHERFORD—Galloway, Edwin T.
Jaeger, Julius
SALEM—Lippincott, Clarkson G.
Stratton, Benjamin
SOMERVILLE—Sargeant Bros
Smith-Schoonmaker Co.
SOUTH ORANGE—Halsey, H. B. Co.
STANWICK—Rogers, J. S. Co.
SUMMITT—Muchmore, George V.
Stephens Bros.
SWEDESBORO—McCullough, W. H.
TOMS RIVER—Brandt, A. A.
TOWN OF UNION—(See Weehauken)
TRENTON—Crozer Coal Co., 309 S Stockton
Heath, Samuel, 334 Perry
Hunt, James B. Mfg. Co., Richey bldg
Richardson, Jos. B. & Son, 120 S Stockton
Richardson, P. B., 111 E State
VINELAND—Kimball, Prince & Co.
WASHINGTON—Alleger's, E. W. Son
Gulick, Walter D.
WEEHAWKEN—Berger, Edw. W. & Bro.
WESTFIELD—Irving J. S. Co.
Tuttle Bros.
WEST HOBOKEN—Keynton, Thos., 201 Clinton av
WESTVILLE—Patterson, Z. & Son
WOODBRIDGE—Brown, David A.
Drummond, B. L.
WOODBURY—Chew Bros.
Walton, Charles

NEW MEXICO.

ALBUQUERQUE—Baldridge, J. C.
Toti & Gradi
SANTA FE—Dudrow, C. W.
Hersch, Leo

NEW YORK.

ADAMS CENTRE—Maxson, E. C.
ALBANY—Batchelder, R. C., 774 B'way
Dwight, H. A., 117 Pier
Fuller, Howard N., Chapel c Sheridan
Helderberg Cement Co. (Cement Mfrs.), 38 State
Jackson, John H., 3d av ab Sloan
Leonard & Co., 356 State
McCabe, Peter, 122 Pier
McClellan, Jno., 311 B'way
Woodruff, Halsey, 145 B'way
ALTAMONT—Sands' Sons
AMENIA—Wison & Eaton Co.
AMITYVILLE—Wood, Charles (estate of)
AMSTERDAM—Machold, B. P.
ASTORIA—(See Long Island City, Borough of Queens)
ATHENS—Howland & Son
AUBURN—Barnes, D. W. & Son, 5 Wall
Clark Lumber Co.
McCarthy Bros.
BABYLON—Taylor & Bergen
Wood, Charles & Co.
BALDWINSVILLE—Peck, George H. & Co.
BATAVIA—Dawson, William E.
Smith, William H.
BATH—Bowers, H. W. & Co.
BELMONT—Vanderhoef, H. C.
BINGHAMTON—Ballard, J. W. Co., 21 Jarvis
Bartlett & Co., 37 Collier
Bloomer, E. F., 59 Collier
Corbett & Stuart, 120 State
Corbett, M. J. & Co., Westcott blk
D. & H. Lime & Cement Co.
Ensign Lumber Co., Jarvis n Erie R. R.
BROADALBIN—Finch, W. W. & Co.
BROOKFIELD—Crane, Mrs. Wm.
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Black, John H. (Mfrs' Agt.), Builders' Exchge
Bray & Hanrahan (Cement, Sewer Pipe, Fire Brick, etc.), 179 Ellicott
BUFFALO CEMENT CO. (Ltd.) (Mfrs.), 110 Franklin
Carroll Bros., 388 Ellicott sq
Dehn, Charles, c Louisiana & Perry
Fox & Halloway (Sand), 255 Pearl
Hunt, Jas. P., Builders' Ex.
King, J. B. & Co., 322 W Genesee
Lyth, John & Sons, 48 Eagle
Newman, H. L. & W. C., 50 River
Pfohl, Louis & Son, Dock & Water
Reeb, M. A., 599 Michigan
Ross, James H., 141 Erie
Thorn Cement Co., 112 Church
Union Akron Cement Co., 141 Erie
BURDETT—Smith, H. C.
BURNHAMS—Payne, M. B.
CANANDAIGUA—Davidson, Alex.
Hollis, A. M. Co.
McNulty, F. X.
Thompson, George T.
CANASERAGA—Barnum, W. H.
CANISTEO—Brasted, P. O.
Strait, J. H. Milling Co.
CARMEL—Palmer, B. S.
CARTHAGE—Braunaugh, E. W.
Jones & Simmons
CATSKILL—Holdridge, Geo. W. & Son
Raynor, A.
Timmerman, P. V. R.
CATTARAUGUS—Benson, A. T.
Rich, Fred. S.
CHATAM—Boright, John W. Lumber Co.
CHAZY—Chazy Marble Lime Co.
CHESTER—Conklin & Roe
CLIFTON SPRINGS—Allis, H. S.
CLINTON—Allen, H. J.
Stebbins, Ellery
CLYDE—Corrigan, Jos. G.
COEYESKILL—Courter, S.
COHOES—Murray, John
Slavin, Charles J., 44 Lansing
COLLEGE POINT—(See New York City, Borough of Queens)
CORINTH—Mason, George H.
CORNING—Farr, Q. W. & Co.
Maltby, W. H. & Sons
CORNWALL LANDING—Mead & Taft
CORTLAND—Beers & Warfield
Maxon & Starin
Ryan & Hall
CUBA—*Allen, J. J.
Lown, S. R.
CUTCHOGUE—Goldsmith & Tuthill
DELHI—Gleason & Kiff
Jackson, T. J.
DEPOSIT—Putnam, W. J. & Co.
DOLGEVILLE—Faville, W. H.
DUNKIRK—Hamilton, S. M. Co., 217 Eagle
Madigan Coal Co.
DUTCHESS JUNCTION—Budd, W. D. Brick Co.
EAST AURORA—Geib, William H.
Griggs & Ball
EAST HAMPTON—East Hampton Lumber & Coal Co.
EDEN—Redfield & Davis
ELLENVILLE—Bailey & Deyo
Cox Bros.
ELMIRA—Booth, Irving D.
Doane & Jones Lumber Co.
Elmira Sewer Pipe & Fire Brick Co., 161 R. R. av
Fiske, H. A. & Co., E Clinton & State
Gerity Bros., 126 Lake
Harris, McHenry & Baker Co.
McKnight, Theo.
Spalding, H. C. Co.
Thurston & Haskell, 622 State
FAIRPORT—Holman, Geo. S.
Loomis, A. M.
FAYETTEVILLE—Bangs & Gaynor
Sheedy, Thomas W.
FILLMORE—Brooks, William P.
FISHKILL LANDING—Aldridge, C. F.
FLORAL PARK—Goldsmith, R. A.
FLORIDA—Roe Bros.
FLUSHING—(See New York City, Borough of Queens)
FORT PLAIN—Diefendorf, W. J.
Williams & Tanner Co.
FREDONIA—Cobb & Pritchard
Cooke, F. E.
Sly & Coddington
FREEPORT—Foreman, C. M.
Ross & Randall
FREWSBURG—Brokaw, M. W.
FULTON—Gage, Porter & Co.
FULTONVILLE—Mohawk Valley Lumber Co.
GAINESVILLE—Bristol, J. W. & Son
GENESEO—Neff, N. W. & C. D.

GENEVA—Beard, T. & Son
Dwyer, Frank
Geneva Lumber Yard
Rogers, R. J. Lumber Co.
Torrey Park Lumber Co.
GLEN COVE—Titus, Edw. P.
GLENS FALLS—Finch, Pruyn & Co.
Glens Falls Portland Cement Co.
Sherman Lime Co.
Thompson, C. C.
GLOVERSVILLE—Holden, Charles J.
GOSHEN—Conklin & Cummins
GOUVERNEUR—Corbin, W. S.
Noble, H. H.
Whitney, A. S.
GOWANDA—Van Deusen, S. E.
GRANVILLE—Temple & Mason
GREEN ISLAND—Smith, M.
GREENPORT—Corwin, G. L.
HAMBURG—Eno & Drummer
HASTINGS UPON HUDSON—Bonnet, J. B.
Ferguson, I. N.
HAVERSTRAW—Hedges, I. M. (Est. of)
Lane, Charles R.
HEMPSTEAD—McLean, John R.
Mollineaux Bros.
HERKIMER—Palmer, C. W. & Co.
Pelton Bros.
Snell, C. R
HEWLETTE—Sprague, George T.
HICKSVILLE—Augustine, Julius (estate)
Herzog, F. & Son
HIGHLAND FALLS—Muller Bros.
HILLSDALE—Bullock & Herrington
HOLLAND—Griggs, J. N. & Son
HOLLEY—Murphy, John
HOMER—Maxon & Starin
HOOSICK FALLS—Easton, Rising & Worden
HORNELLSVILLE—Hollands, Stephen
Simmons, F. A. & Co.
HUDSON—Benedict, R. B. & Son
Macy, Charles W., 550 Union
Traver, W. H. & Son
HUME—Pratt, T. B.
HUNTINGTON—Wood, W. Wilton
HURLEYVILLE—Prince Bros.
ILION—Russell, A. N. & Son
IRVINGTON-ON-HUDSON—Pateman & Lockwood
ITHACA—Driscoll Bros. & Co.
Fowles, J., 10 Main
Jamison & McKinny
JAMESTOWN—Sisson, Geo. W.
JOHNSONVILLE—Purdy & Weatherwax
JOHNSTOWN—Kilmer, Robert M.
Younglove, James I.
KINGSTON—Griffiths, Frank H., 18 Hasb'k av
Palen's, H. W. Sons, 194 Greenkill av
Staples, A. S., c Mill & Hasb'k av
LANCASTER—Garretsee, J. O.
LARCHMONT—Larchmont Coal & Lumber Co.
LAWRENCE—Wood, John A. & Son
LE ROY—Heimlich, John
Keeney, N. B. & Son
Rogers, F. C.
LESTERSHIRE—Baldwin, Edwin L.
LITTLE FALLS—Casler, P. W. Mfg. Co.
LOCKPORT—Crowe, Michael J.
Stainthorpe, C. N. & Co.
Whitmore, C. B.
LONG ISLAND CITY—(See New York City, Borough of Queens)
LYONS—Lockwood, B F.
MACEDON—Breeze, H J.
MALONE—Moore, Orville
Murtaugh, P. J.
Thompson, H. D. & Co.
MAMARONECK—Brewer, R. G.
Moffatt, L.
MARILLA—Adams, Conners & Brown
MATTEAWAN—Davidson, S. M.
MATTITUCK—Penny, George L.
MECHANICSVILLE—Moore, R. & Sons
Robinson & Ferris
MERRICK—Smith, Thomas B.
MIDDLEBURG—Fechtel, Emmet
MIDDLE GRANVILLE—Rogers, A. N.
MIDDLEPORT—Jackson, Thomas W. & Co.
MIDDLETOWN—Crane-Giles Co.
Ketchum, D. A.
Le Fever Bros.
Van Fleet, Wilbur
MILLERTON—Beers & Trafford
MONROE—Conklin, Geo. R.
MONTGOMERY—Sears & Moore
Vanderoef, James & Son
Wait, Charles D.
MONTICELLO—Osborn Co.
MT. KISCO—Young, Halstead & Co.
MT. VERNON—Burton & Fenton
Willson & Adams Co.
NEW BRIGHTON—(See New York City, Borough of Richmond)
NEWBURG—Harrison, John J. E., 488 B'way
Wilson, Samuel A., 175 Wash'n
Wood, Frank G., 134 Wash'n
NEW HAMBURGH—Millard Lumber Co.
NEW PALTZ—Lefevre, A. P.
NEW ROCHELLE—Mahlstedt, J. A. Lumber & Coal Co.
New Rochelle Coal & Lumber Co.

NEW YORK CITY

Borough of Brooklyn

BROOKLYN—Bannon, P. & Sons (Sand, etc.), 129 Richards
Bergen, Jno. H ,180 Montague
Braun & Howe, 690 Manhattan av
Brooklyn Lime Works, 218 3d av
Borroughs, Wm. V., Kent av ft Hewes
Canda, M. M., 184 3d
Candee & Krekeler, c 15th & Hamilton av & 1217 Grand
Castle Bros., Grant c Johnson pl
Clarke, Audley, 527 Smith
Clinton Mfg. Co. (Jno. Ross, Prop.), 83 Grand av
Colyer, Jos. H., ft. Wash'n
Creamer, F. D. & Co., ft 42d
Empire Brick & Supply Co., Meserole & Morgan av
Hughes, John (Estate), Union & Gowanus Canal
King, Chas. D., 400 Gates av
McLaughlin & Jahn's Co., ft Bay & 17th
Mahnken, John H. Co., 632 Kent av
Meserole, Wm. H., 65 Greenpoint av
Monahan, Geo. F., 378 Flushing av
Morton, John, Sons & Co., Carroll & Gowanus Canal
Wenz, Chas., 2434 Atlantic av

Boroughs of Manhattan & Bronx

NEW YORK—Alsen Portland Cement (Imported Cement), 45 B'way
AMERICAN ENAMELED BRICK & Tile Co., 1 Madison av
Atlantic Cement Co., 1123 B'way
ATLAS PORTLAND CEMENT CO. (Cement Mfrs.), 30 Broad. (See adv. index, end of book)
Bell, John Co., E 137th & Girard
Behrend, F. (Cement Importer), 54 Front
Bowne, Thos. B. & Son, ft Main, Westchester
Brooks, A. J. H. Co. (Shell Lime), 644 W 51st W 49th
Brooks, Jas. (Shell Lime), 603 W 55th
Builders' Supply Co., Fisher's la, East Chester
Cable, Thorn & Co., 253 B'way
Candee & Smith, 26th & E. River, 53d & E River, 135th & Mott Haven Canal & 381 South
Cheshire Lime & Builders' Supply Co., 217 W 125th
Commercial Wood & Cement Co. (Sales Agents for "Saylor's" & Commercial Brands of Portland Cement), 175 5th av
Contractors' Supply Co., Webster av n E 198th
Darrow, Rufus & Son, ft W 47th
Eureka Cement Co. ("Phoenix" & "Eureka" Portland & "I X L" Rosendale Cement), 1 Madison av
FLEMING & CO., 123 Liberty. (See adv. index, end of book)
Francklyn & Ferguson (Cement Importers), Cotton Ex. bldg
FREDENBURG & LOUNSBURY (Front & Ornamental Brick & Cement), 289 4th av. (See adv. index, end of book)
Gallagher, John (Sand), ft E 38th
Gates, Church E. & Co., Webster av, N. S. Boulevard
Goss, C. S. & Co., 11th av & 51st
Goss & Edsall Co., ft W 47th
Holmberg, Emil A. (Cement Importer), 160 5th av
Hookey, W. T., 3d av & 129th
Kane, John P. Co., 287 4th av
Lawrence Cement Co. (Cement Mfrs.), 1 B'way
Martin, Robert C. & Son, 156 5th av
Masons' Supply Co., 284 South
Miller, Clifford L., 161st & Jerome av
Miller, Clifford L. & Co., 125 E 23d
Moffat, Edw. C., 266 Hewes
Morse, Frank E. Co., 17 State
Murray & Reid (Lime), 39 South
Murtagh & McCarthy, c Rivington & Tompkins
Newcomer, Geo. M. (Cement Importer), 80 William
O'Connell & Hillery Lime & Marble Dust Co., E 141st nr Locust av
Overbaugh, Camp Co., B'way n W 227th
Peck, N. & W. J., ft E 48th
Person, O. D., 160 5th av
Philbrick, John A. & Bro., ft E 97th
Raymond, G. B. (Clay Materials), 484 E 138th
Rogers, James, ft W 132d
SAYRE & FISHER CO. (Brick Mfrs.), 207 B'way. (See adv. first inside cover)
Schmohl, Wm. H., 814 E 14th
Smith, Clarence L. Co., 30th & 11th av
Tebbutt, Chas. S., ft E 104th
Tomkins Bros., 256 B'way
United Building Material Co., 17 Park row
U. S. Mortar Supply Co., 1123 B'way
Vought Bros., Williamsbridge
Weeks, Chas. R. & Bro., 150 W 35th
Wise, Nath'l, ft E 79th

Borough of Queens

BAYSIDE—Roe, George S.
COLLEGE POINT—Kraemer Bros
FAR ROCKAWAY—Norton, Franklin C. & Co.
Pearsall, Lewis
JAMAICA—Styles, Thos.
FLUSHING—Donoghue & Halleran
Ryon, Augustus M.
LONG ISLAND CITY—Boyce & Barnes Co.
Clonin & Messenger
Pfeffer, Jacob
OCEANUS—Jamieson & Bond
OZONE PARK—Reimer, Jno. B.
RICHMOND HILL—Brown, Geo. A. W. & Co.
Solms, Geo.

Borough of Richmond

NEW BRIGHTON—Wood, John J.
PRINCES BAY—Seguin, Jos. C. & Co.
STAPLETON—McRoberts, Robert
Thompson, James & Sons

END OF NEW YORK CITY.

NIAGARA FALLS—Humbert, Wm. S.
NORTH TONAWANDA—Berger, H. U.
Knapp Hardware Co.
Rose, H. A. (Est. of)
NUNDA—Knappenberg, W. S.
NYACK—Gregory & Sherman
White, W. H. & Co.
OCEANUS—(See New York City, Borough of Queens)
OGDENSBURG—Barr, John
Britton, W. D.
Hackett, P. Hardware Co. (Est.)
OLEAN—Olean Supply Co.
Taylor, B. U. Co.
ONEIDA—Marcellus, Geo. A.
Ruby, R. E.
ONEONTO—Briggs, N. H. & Son
Butts, L. P.
OSSINING—Terwilligers, I. Son
OSWEGO—Farwell, J. B. & Co., ft. W Schuyler
Quinlan, D., Water n W Bridge
OWEGO—Farmers' & Builders' Supply Co.
PATCHOGUE—Bailey, E. & Sons
PAWLING—Ferris, E.
PEARL RIVER—Serven, W. A.
PEEKSKILL—Dains', N. Sons Co.
Horton, S. D.
PIERMONT—Walsh & Reichling
PIKE—Dolph, H. C.
PINE BUSH—McKinney, Henry J.
PLATTSBURGH—Henry, Wood & Marshall
Purdy, Frank M.
PLEASANTVILLE—Cornell, S. W.
PORTCHESTER—Peck, W. E.
Ryan, William & Co.
Tibbits, Charles H.
PORT EWEN—Klin , Jacob
PORT JEFFERSON—Fanning, O. T. & Co.
Mather & Jones
PORT RICHMOND—(See New York City, Borough of Richmond)
PORT WASHINGTON—Copp, C. W.
POTSDAM—Baldwin, H. K. & Co.
Weed, F. A.

POUGHKEEPSIE—Arnold, C. N.
Caire, William A.
Foster, D. C. & Sons
Lumb, George W. & Son
Lumb's, Levi Son
Taylor, J. B.
Wilbur, D. W. Coal & Lumber Co.
PRINCE'S BAY—(See New York City, Borough of Richmond)
RANDOLPH—Felt & Almy
RENSSELAER—Bailey, C. A. & Son
Welsh & Gray
RHINEBECK—Herrick, Frank
RICHMONDVILLE—Harroway, M. W.
RIPLEY—Crandall, J. E.
RIVERHEAD—Corwin & Vail Lumber Co.
Young, John E.
ROCHESTER—Lamson & Leason, c Cottage & Seward
Mandery, J. J., 158 South av
Oliver, Thomas (Est. of), 328 South av
Rochester Lime Co., 209 Main
Whitmore, Rauber & Vicinus, 279 South av
ROCKVILLE CENTRE—Combs, G. D.
Langdon, Jos. B.
ROME—Fitch, H. B. (Est. of)
Wardwell Hardware Co.
ROMULUS—Yerkes, J. M.
RONDOUT—(See Kingston)
ROSENDALE—Lawrence Cement Co.
New York Cement Co.
Snyder, R.
SACKET HARBOR—Fitzgerald, John M.
Hovey, E. A.
SAG HARBOR—Bates, V. L.
East Hampton Lumber & Coal Co.
SALEM—Dillon, Jno. L.
SANDY HILL—Griffin Lumber Co.
Kenyon Lumber Co
SARATOGA SPRINGS—Thomas & Brown Co., 376 B'way
Todd, E. R.
SAUGERTIES—Lewis, Ira
Saugerties Coal & Lumber Co.
SCHENECTADY—Barhyte & Devenpeck, 308 Union
Moffett, Jno. J., 336 State
Rankin & Carey, 310 S Centre
Rosa, N. W., 223 Dock
Shear, A. & Co., 122 Wall
Van De Bogert, Johnson & Co., 120 Wall
Winne & McCain, Peek st
SEA CLIFF—Parliman, Lawrence E.
SENECA FALLS—Maier, Fred.
Palmer, S. S.
SHERMAN—Sperry, E. & Son
SHORTSVILLE—Peck, J. P. & R. B.
SIDNEY—Sidney Flour & Feed Co.
SKANEATLES—Carver, Richard
Stuart, William G.
SOUTHAMPTON—Hampton Lumber Co.
Havens, George L. & Co.
SPRINGVILLE—Conger & Ware
STONY BROOK—Bayless, D. T. & Son
SUSPENSION BRIDGE—Haeberle, Charlotte
SYRACUSE—Adamant Plaster Co.
Alvord, Anson E., 103 N State
Artificial Paving Co., 1101 N State
Britton, Israel E., 201 W Onondaga
Clarke, Geo. R., 541 S Clinton
National Wall Plaster Co., O. C. S. Bank bldg
Pack, G. W. & Son, 415 E Water
Paragon Plaster Co. (Atlas Cement; also Lime, Brick, Plaster, etc.), 110 Warren
Salisbury, D. J. & Tenbroeck, 712 Emerson av
Sullivan, C. J., 126 S Clinton
Syracuse Stoneware Co., 401 Fulton
TARRYTOWN—Dinkel & Jewell Co.
Husted, A. P.
Odell's, Jacob Sons
TICONDEROGA—Bascom, D. C.
TOMPKINSVILLE—(See New York City, Borough of Richmond)
TONAWANDA—Barnes, Henry, 14 N Canal
Collins, Cornelius
TOTTENVILLE—(See New York City, Borough of Richmond)
TROY—Cheney & Clexton, 558 River
Crandell, Knight & Reichard, 389 River
Grimm, Max, 157 River
Madden Lumber Co., 617 1st av
Smith, Milo, 527 River
TULLY—Garrison, J. H.
UTICA—American Hard Wall Plaster Co., Fulton c Franklin
Conley, Frank E. Stone Co.
Corrigan Bros., 151 Steuben
Higgs, Samuel R., 129 Eagle
McCann, Wm. H., 207 Rutger
Munson Bros. Co., 50 B'way
VALLEY FALLS—Herrington & Co.
WALDEN—Dominick, D. C.
Hasbrouck & Sloan
Hill, W.
WALTON—Stimpson, Edgar W.
Wright, John
WARRENSBURGH—Emerson, A. C. & Co.
WARSAW—Cheney & McGee
Crawford, S. J.
WARWICK—Conkling & Strong
WATERFORD—Slade, George D.
WATERLOO—Clark, Edwin
Terwillinger, A. H. & Son, Locust n Main
WATERVLIET—Andrews, H. F. & Co.
Freeman, George H
WATKINS—Durland, L. H., Son & Co.
WEST WINFIELD—Weeks, George S.
WHITEHALL—Sullivan, J. H.
Witherbee Cash Store
WHITE PLAINS—Young, R. & Bros. Co.
WHITESTONE—(See New York City, Borough of Queens)
WHITESBORO—Raymer, C. F.
WILLIAMSBRIDGE—(See New York City)
WOLCOTT—Northrup, G. H. Lumber Co.
YONKERS—Lawrence Bros.
Thomas, Edwin L.
Yonkers Builders' Supply Co.

NORTH CAROLINA

ASHEVILLE—Scott, George F. & Co.
Westall, W. H.
CHARLOTTE—Allen Hardware Co.
Ward, W. W. & Son
GREENSBORO—Odell Hardware Co.
Stone Building Supply Co.
Stratford, W. O.
HICKORY—Ingold, F. B.
Shuford Hardware Co.
LEXINGTON—Ward, E. M.
NEW BERN—Nicoll, G. A. (Brick)
RALEIGH—Briggs, Thos. H. & Sons
N. C. Bldg. & Supply Co.
SALEM—Fogle Bros.
SALISBURY—Brown, J. Allen
McCubbins & Harrison
SANFORD—Sanford Sash & Blind Co.
SCOTLAND NECK—Biggs & Johnson
WILMINGTON—Coal, Cement & Supply Co.
Jacobi, N. Hardware Co.
Moore's, Roger Sons & Co., 104 N Water
Riley, James T. & Co., 203 N Water
WINSTON-SALEM—Brown-Rogers Co.
Fogle Bros.
Miller Bros. Co.

NORTH DAKOTA

DICKINSON—Walton & Davis
FARGO—Beidler & Robinson Lumber Co.
Birch, Stephen
Bowers Bros.
Chesley, James A.
GRAND FORKS—Dinnie Bros.
Pembina Portland Cement Co.
Robertson Lumber Co.
St. Hilaire Retail Lumber Co.
MINOT—Jacobson, C. & Co.
OBERON—Torrison, G.
WAHPETON—Rischard, John.

OHIO

ADA—Ada Coal & Lumber Co.
AKRON—Akron Supply Co., 615 E Mill
Akron Wall Plaster Co., 1184 E Market
Bisbee, G. A., 227 S Main
Botzum Bros., 213 N Main
Case, J. H., 132 Wooster
Cramer, H. J., 716 S Main
Grisp, Geo. & Son, 500 E Mill
Haury, John G., 705 E B'way
Kryder, L. & Sons, 112 S Main
Peterson & Wright, 933 S Main
ALLIANCE—Auld, John & Sons
Devine, J. C.
Miller, E. L.
ANDOVER—Wood Bros.
ASHLAND—Ashland Hardware Co.
Boren, William
Palmer, B. H. & Sons
ASHTABULA—Dudley, W. E.
Robinson, M. C.
Shrock, S. B.
ATHENS—Athens Plasterers' & Masons' Supply Co.
BELLAIRE—Anderson & McGregor Co.
BELLEFONTAINE—Bellefontaine Stone & Lime Co.
Buckeye Portland Cement Co.
BELLEVUE—Gardner, W. H.
BOND HILL—Perine, G. Artificial Stone Co.
BOWLING GREEN—Miller, Jones Co.
Snowflake Lime Co.
Star Supply Co.
BRIDGEPORT—Meister Bros.
Scott Lumber Co.
BUCYRUS—Battlefeld, L. H.
Smith, J. M.
BURTON—Crittenden, H. W. & Son
CADIZ—Long, E. M. & Sons (Wholesale)
CAMBRIDGE—Cambridge Hardware Co.
Carlisle & Grimes Co.
Orme-McMahon-Thompson Co.
Probasco, J. N.
CANTON—Barber, Wm. & Son, 320 S. Piedmont
Canton Hardware Co.
Canton Hollow Block Co., 1123 Tuscarawas
Lash, A. J., 823 S Market
Shaub, Hiram, 913 S Market
CAREY—Snyder, William H.
CARTHAGE—Weihe, F. E.
Wunker, H. & Son
CHILLICOTHE—Sterling Planing Mil & Lumber Co.
Wissler Hardware Co.
CINCINNATI—Cincinnati Sewer Pipe Co., Elm & Water
Coney Supply Co., 1434 Main
Conkling, H. J., Gilbert av, n Court
Contractors' & Builders' Supply Co., 2849 Stanton av
Crawford & Co., 1007 Walnut
Crispin, Jas. G. Lime & Cement Co., 826 Reedy
Geis, Wm. H. & Co., 228 W 4th
Granbery, H. A., 413 Central av
Holley, C. E., Johnston bldg
McCammon, L. . Bros., Johnston bldg
McCracken, J. E., Supply Co., 629 E Front
Metcalfe, L. A., 2433 Gilbert av
Moores Supply Co., Union Trust bldg
Pachoud, A. L. & Co., 1037 Gilbert av
Strunk, Meyer Lime Co., 954 W 5th
Taylor's Chas. Sons Co. (Fire Brick, etc.), 412 W Liberty
Weber, H. & Co., Blue Rock & Apple
Wolf, Jos. H., 2167 Central av
CIRCLEVILLE—McMullen, G. J. & Son
CLEVELAND—Cannell, Eli W., 2557 B'way
Central Builders' Supply Co., 325 Columbus
Cleveland Bldrs.' Supply Co., 733 Garfield bldg
Diamond Portland Cement Co. (Cement Mfrs.), Williamson bldg
Forrester Plaster Co., ft Kirtland
Hoover, D. S. Co., Cuyahoga bldg
James, Ralph T., 1223 Euclid av
Kelley Island Lime & Transport Co., Mercantile Bk bldg
Sandusky Portland Cement Co., Western Reserve bldg
Shepard, J. J., 35 River
Stowe-Fuller Co., Superior bldg
CLYDE—Hurd, T. P. & Sons
COLLEGE CORNER—Miller, Frederick
Stewart, John H.
COLLINGWOOD—Baldwin-Snell Co.
Collingwod Lumber Co.
COLUMBUS—Acme Paving & Supply Co., 408 W State
American Sewer Pipe Co., 315 N High
Carlile, J. P., 450 W Broad
Central Supply & Construction Co., 306 N High
Columbus Clay Mfg. Co., Bldrs Ex.
Columbus Coal & Lime Co., 347 S High
Columbus Contractors' Supply Co., The Ruggers
Columbus Macadam Co., 319 Dublin av
Ferris Steam Mortar Works, 626 Galloway av
Rapp, Jacob & Co., 375 S High
Rock Plaster Mfg. Co., W Broad & Hocking Valley R. R.
South Side Lumber Co., 1927 S High
Stimmel, F. S., 506 S High
UNION BRICK & SUPPLY CO., 18 1-2 N High
COONEAUT—Pond Lumber Co.
Tommer, Joseph
Weldon & Babbitt
CORNING—Rodgers, D. M.
COVINGTON—Murphy, Jos.
CUYAHOGA FALLS—Bates, A. R. & Co.
DAYTON—Dayton Fibre Plaster Co., 114 S Dutoit
Dryden, J. T., 236 S Williams
Grusenmeyer, A., 827 E 1st
Hawthorn, W. S., 222 S William
Herr, E. H., 4th av & P. C. C. & St. L. Ry.
King, Chas. S., 1825 W 3d
Rice, Wall Plaster Co., W Wash'n
Smart, A. F., 526 S Wayne av

Star Coal & Cement Co.
Whitmore, Wm. M., Foundry & Monument av
Winder, J. H. Coal & Feed Co., 1234 W 3d
DEFIANCE—Gorman, M. B., 500 Perry
Monen, Hugh G.
Wiegerding, P., 2d & Wayne
DELPHOS—Fisher, A. L.
Ricker, Hermann & Sons
EAST LIVERPOOL—Hall, Robert Lumber Co.
Milligan Hdw. & Supply Co.
Old Roman Wall Plaster Co.
Smith, J. T., Lumber Co.
EAST PALESTINE—Crowle, L. D. & Sons
Meek & McClure
EIFORT STATION—Morgan & Horton
ELMWOOD PLACE—Elberg, F. W.
ELYRIA—Elyria Lumber & Coal Co.
Persons Lumber & Coal Co.
FINDLAY—Hagerman & Phillips
Tarbox & McCall
FOREST—Lindsay, Wm.
Young, J. W. & T. M.
FOSTORIA—Franke Bros.
Seneca White Lime Co.
FRANKLIN—Anderson's, L. G. Sons
FREMONT—Gottron Bros.
GALION—Crim, C. S.
Galion Lumber Co.
Stout, Elmer
GALLIPOLIS—Rue, John C.
GLENDALE—Devanney & Gutting
Freyhof, John D.
HAMILTON—Diefenbach, Charles & Co.
Straub, F. J. & Co.
HARRISON—Vincent, W. C. & Son
HILLSBORO—Highland Lumber Co.
Whisler, Chas. F.
HUBBARD—C. & C. Coal Co.
IRONTON—Ironton Lumber Co.
Ironton Portland Cement Co.
JACKSON—Buckeye Mill & Lumber Co.
KENTON—Callam, John & Co.
Robinson & Gage Lumber Co.
Schmidt, Wiphart
LANCASTER—Orrman, J. B. & Bro.
LEIPSIC—Hammett, F. K.
LIMA—Fidelity Lumber Co.
Moulton, H. S.
Hull, Laurens & Co.
Rusher, F. P. Lumber Co.
LISBON—Armstrong, P. M. & Co.
LOCKLAND—Lockland Lumber Co.
LOGAN—Eisele, W. T.
LORAIN—Lorain Lumber & Mfg. Co.
South Lorain Coal Co.
MALINTA—Bensing, Bros.
MANSFIELD—Barton & Willis
Branyon, M. L. & Bro.
Burns, J. H. & Bro. Co.
Rusk Bros.
Voegele Bros.
MARIETTA—Becker Mill Co.
Cisler, Thomas & Co.
Crescent Supply Co.
Goodwin, J. W. & Co.
MARION—Implement Mfg. Co.
Leffler & Bland
Marion Lbr. & Coal Co.
Prendergast Lumber & Coal Co.
MARIN'S FERRY—Rothermund, Henry
MARYSVILLE—Robinson & Curry Co.
MASSILLON—Atwater, D. & Son
Halter, Charles L.
Massillon Sand & Stone Co.
MEDINA—Wood Co.
MIDDLEFIELD—Patchin, C. P.
MIDDLETOWN—Caldwell & Iseminger
MILFORD—Buckingham & Hair
MINERAL CITY—American Fire Brick & Clay Co.
MT. GILEAD—Hickson, Joseph
Mt. Gilead Lumber Co.
MT. HEALTHY—Fink, Jacob
MT. VERNON—Sanderson & McCreary (Also Slate)
NAPOLEON—Napoleon Pulp Plaster Co.
Thiesen & Hildred
Ward, T. J.
NELSONVILLE—Vorhees, Chas.
NEWARK—Fee, F. F.
Newark Lumber Co.
Norris, H. O.
Pratt-Kirk Co.
Smith, P. & Sons, Lumber Co.
NEW COMERSTOWN—Novelty Brick Co.
NILES—Eaton, J. W.
Edwards Bros.
Union Roofing & Supply Co.
NORWALK—French Lumber Co.
Norwalk Stone & Brick Co.
OBERLIN—Cole, S. M.
Oberlin Coal & Lumber Co.
PAINESVILLE—King, S. R. Co.
PATASKALA—Baird, H. H. & Co.
PAULDING—Buckeye Lumber Co.
Paulding Lumber Co.
PIQUA—Huber, A. A.
Statler, D. C. Co.
PLYMOUTH—Nimmons & Nimmons
PORTSMOUTH—Gilson, J. B. (Est.)
Kaps, J.
Leet, H. & Co.
RAVENNA—Bennett, J. A.
ST. CLAIRSVILLE—Carlisle, John
ST. PARIS—Kizer & Long
SALEM—Salem Hardware Co.
Salem Lumber Co.
Tomlinson, L.
SANDUSKY—Lake Erie Sand Co.
Sandusky Portland Cement Co.
Sandusky Sand Co.
Schoepfle Mfg. & Lumber Co.
SEBRING—Sebring Lumber Co.
SHELBY—Brucker Lumber Co.
Wiggins & Haun
Will & Myers
SIDNEY—Heiser, Jno.
SPRINGFIELD—Goode & Hayward
Houck Brick Co.
Jenkins, Jno. W.
Mills Bros., 107 S Limestone
Moores' Lime Co., c Linden av & Wash'n
Rawlins, A M.
Springfield Coal & Ice Co., 93 S Limestone
Springfield Stone & Lime Co.
STEUBENVILLE—Alexander, W. J.
McFeely Bros.
Mulcahy & Fitzsimmons
Ohio Valley Ice & Storage Co.
TIFFIN—McCollum Lime Co.
Weot Bros.
TOLEDO—Doherty & Co., The Spitzer
Fishack Plaster Co., Cham. of Com. bldg
Toledo Builders' Supply Co., Spitzer bldg
Toledo White Lime Co., Produce Ex.
TROY—Francis, Clemm & Co.
Nicol, A. C.
Pearson, W. A.
Troy Tile & Brick Works Co.
UHRICHSVILLE—Pearch, Jacob
Romig, P. A.
UPPER SANDUSKY—Gipson, W. A.
URBANA—Anderson, John J.
VAN WERT—Rupright Bros.
WAPAKONETA—Swink, Snyder & Co.
WARREN—Cereal Supply Co.
Elastic Pulp Plaster Co.
Greenwood & Co.
Murray, Thos. R.
Warren Brick & Tile Co.
Western Reserve Lumber Co.
WASHINGTON C. H.—Coffman, H. G. & Co.
WAUSEON—Williams, H. H. & Co.
WELLSVILLE—Augenbaugh, H. C. & Son
W. LIBERTY—Feathers, George
WILLOUGHBY—Hill, A. T. & Co.
Jenkins, C. C.
WILMINGTON—Fisher Mfg. & Fuel Co.
WINTON PLACE—Farrin, M. B. Lumber Co.
WOOSTER—Branstetter, Andrew
Gray & Son
XENIA—Thornhill Bros.
YOUNGSTOWN—Buehrle, German B.
Buehrle, John, 322 K Federal
Holzbach, R. F. & Co.
Jones, R. D. Coal Co.
Mauser, Christ, 25 N Walnut
Perkins Bros.
Sharp Bros. & Co.
Youngstown Ice Co., 120 W Wick
ZANESVILLE—Adams Bros.
Harris Bros., 28 N 2d
Harris Brick Co.
Moorehead, H. D., 201 S 6th
Swingle, J. A. & Co.
Townsend, T. B. Brick & Contracting Co., 723 Market
Townsend, Wm. C. & Co., 7 Main

OKLAHOMA TERRITORY.

OKLAHOMA—De Bolt, A. M., 2 Reno av
Garrison, J. B.
Green, W. W.
U. S. Pressed Brick & Tile Co.

OREGON

ARLINGTON—Shurte & Weir Co.
ASTORIA—Parker, H. B.
ATHENA—Curtis, H. H.
BAKER CITY—Stoddard Bros. Co.
EUGENE—Rooney, L. M.
GRANT'S PASS—Hair, Riddle Hdw. Co.
McMINNVILLE—Jones & Adams
ONTARIO—Adam, Louis
PORTLAND—Adamant Co., 5 1st N
Balfour, Guthrie & Co., Concord bldg
Beach, F. E. & Co., 135 1st
Capron-Clason Co.
Krebs Bros., Section Line rd
McCracken, J. Co., 231 Pine
Nottingham & Co.
Rate, G. B. & Co., 184 Madison
Timms, Edwards & Co., 206 Front
Versteeg Bros., Fernwood add.
Western Storage & Transfer Co., 321 Hawthorne av
Woolsey-Crowe Supply Co., 252 Oak
SALEM—Burton, A. A.
Murphy, J. E.
THE DALLES—Glenn, Hugh & Co.
Peters, Jos. T. & Co.
Wasco Warehouse Milling Co.

PENNSYLVANIA

ALLEGHENY—Corde, A. U., Manhattan & Nixon
Duncan & Porter Co., 212 Anderson
Knox, Straus & Bragdon, Juniata & Preble av
Murray Bros., 318 Sandusky
Patterson Coal & Supply Co., 1222 Grant av
ALLENTOWN—Butz, Jas. F., c Gordan & Jordan
Ebbecke, M. C. Hdw. Co., 606 Hamilton
ALTOONA—Brandt Lumber Co.
Canan-Knox Supply Co., 18th & Margaret
Halton, John (Est. of)
Vipond, John S. Coal Co.
AMBLER—Craft, J. Watson
APOLLO—Wood, H. P.
ARCHBALD—O'Boyle, F. J.
Revels, Henry
ARDMORE—Smedley & Mehl
ASHLAND—Buck, Peter E. & Sons
ATHENS—Athens Lbr. Co.
Macafee, Dana J.
Myer, C. M.
AVONDALE—Williamson, Frank & Co.
BANGOR—Bangor Lumber Mfg. Co.
Houck, Edw. J.
Wise, F. S.
BATH—Cressman, A. H.
BEAVER FALLS—Brierly, Frank F.
Brierly, F. K.
Davidson, W. J.
Pearson & Son
BELLEFONTE—McCalmont & Co.
BELLE VERNON—Belle Vernon Saw & Planing Mill Co.
BENNETT—Callahan, F. H.
BERWYN—Fritz, W. H.
BETHLEHEM—Gerlach, E. J.
Stahr, Geo. F.
BLAIRSVILLE—Graff Coal Co.
Ray, S. L. & S. W.
BLOOMSBURG—Ferguson & Giger
Paragon Plaster & Supply Co.
BLOSSBURG—Clark, Geo. D.
BLUE BELL—De Prefontaine, Chas.
BOSTON—Harper, C. M. C.
BRADDOCK—Braddock Hdw. & Supply Co.
Braddock Lumber Co.
Crown Wall Plaster Co.
Dowler, E. R.
Keller & Milliken
Stockdale Coal & Supply Co.
BRADFORD—Fischer, L. A. & Co.
Robinson, Winfred S.
Stout & Holden
BRIDGEPORT—Blair, Andrew
March's, I. F. Sons
BRISTOL—Leedom, W. F.
Pierce, E. M.
BROOKVILLE—McKnight, Son & Co.
Sandt, Geo. L.
BROWNSVILLE—Wright's, T. S. Sons
BRYN MAWR—Supple, I. H. & Co.
BUTLER—Klinger, H. J. & Co.
McCrea, W. S. & Co.
Niggel, J. & Son
CAMBRIDGE SPRINGS—Bolard Bros.
CANONSBURG—Elliott, W. J.
Munnell, Samuel
CARBONDALE—Cavanagh, C.
Mills Bros.
CARLISLE—Bixler, J. P. & Sons
Goodyear Bros.
CARNEGIE—Foster, C. A.
CATASAUQUA—Deily, G. B. F.
Schneller, C. W.

CHAMBERSBURG—Coyle & Diehl
Stover & Co.
CHARLEROI—Mounster, A. R.
CHESTER—Chester Lumber & Coal Co.
KEYSTONE PLASTER CO.
Riley Benj. F.
Wood, L. N. & Bro.
CHRISTIANA—Cooper, Mark P.
CLEARFIELD—Johnson, F. & Bro.
Standard Brick & Tile Co.
COATESVILLE—Lukens, Nathan
Mast, W. W.
Pownall Hardware Co.
COLUMBIA—Columbia Brick Co.
Wilson, Hiram (Est. of)
CONNELLSVILLE—Fayette Lumber Co.
Standard Lime & Stone Co.
CONSHOHOCKEN—Beatty, Jas.
Jones, Wm. Potts
CORAOPOLIS—Watson, T. F. & Bro.
CORRY—Barlow Hdw. Co. (Ltd.)
Sample, T. W.
CRAFTON—Crafton Builders' Supply Co.
DANIELSVILLE—Marsh, C. C.
DANVILLE—Cole, J. H.
Welliver Hardware Co.
DARBY—Darby Mortar Co.
Gottshall & Morgan
Thurston, Oscar
DELTA—Jones, Asa
Stubbs, J. Howard (Lime)
DEVON—Lobb, C. A. & Sons
DOWNINGTOWN—Griffith & Wollerton
DOYLESTOWN—Barrett, James
Randall, W. H.
DU BOIS—Du Bois, Jno. E.
Hibner-Hoover Hardware Co.
EASTON—Easton Lime Co.
Mason's Supply Co.
Osterstock, J. S. & Co.
EAST STROUDSBURG—East Stroudsburg Lumber Co.
EMAUS—Brown, Chas. D.
Fuhr, W. H.
Jarrett, H. W.
EMLENTON—Sloan, U.
EMSWORTH—Little, J. M.
EPHRATA—Bitzer, R. R.
ERIE—Erie Hard Wall Plaster Co., ft of French
McCarty, Dennis, 6th & Wayne
McCarty, Jas.
Saltsman & Austin, 13th & Sass
Thaper, O. C. & Son, Chestnut & Railroad
EVANS CITY—Burry & Markel
EVERETT—Cottage Planing Mill Co.
FERNWOOD—Hoopes, Rufus C.
FLEETWOOD—Schaeffer, Wanner & Co.
FOSTORIA—Buckeye Lime Co.
FRANKLIN—Howard Bros.
King, George S.
FREDONIA—Thompson, M. J.
GALETON—Eimer Hdw. Co.
GENOA—Buckeye Lime Co.
GIRARDVILLE—Becker, E. K.
GLENOLDEN—Mitchell & Bro.
GREENVILLE—Emery, H. H.
Livingston & Moyer
Packard Hdw. Co.
HAMBURG—Lenhart, I. S.
HANOVER—Schmuck Bros.
HARRISBURG—Gerlock & Lutz, 812 Market
Harrisburg Mantel, Grate & Tile Co.
Kelley, H. M. & Co.
Rhoads, C. H. & Co., c 7th & Briggs
Rhoads, J. F. c Cowden & Forster
HARRISON VALLEY—Parks, J. M.
HAZLETON—Bright, J. C. & Co.
Frederick, S. Y.
Hazleton Machinery & Supply Co.
Schaub, Justus
Shaffer, Aaron
HOLLIDAYSBURG—Condron, J. B.
Law, John H.
HOMESTEAD—Hall, H. & Co.
Harbison-Walker Co.
HONESDALE—Dodge & Erk
Penwarden, Wm.
HOOVERSVILLE—Myers, H. J. & W. A.
HUMMELSTOWN—Engle, Jno. S.
Holler, Chas.
HUNTINGDON—Miller, C. H. Hdw. Co.
Penna. Sewer Pipe Works
Strickler & Watson
White, John, Jr.
INDIANA—Stewart, J. M. & Co.
IRWIN—Fox, L. C.
JEANNETTE—Sloan, W. S.
JENKINTOWN—Smith & Schively
JOHNSTOWN—Johnstown Planning Mill Co.
Jones, R. D.
Thomas-Kinzey Lumber Co.
Walters, John W.
KENNETTE SQUARE—Wawthorp, C. G. Co.
KINGSTON—Edwards & Co.
Roat, A. J.
KITTANNING—McConnell & Luker
McCullough, James, Jr.
KNOXVILLE—Fisk, Geo. W.
KUTZTOWN—Heffner, Jas. S.
LANCASTER—Hartman, Jno. E.
Marshall & Rengier, 9 S Queen
Pontz, Adam
Reilly Bros. & Raub, 40 N Queen
Sener, G. & Son
Steinmann Hardware Co., 26 W King
LANSDALE—Brady, James
Jenkins, G. & Co.
LANSDOWNE—Levis, G. H.
LATROBE—Doherty, Philip H.
McFeely Brick Co.
LEBANON—Annville Stone Co.
Gamber, Wm. .P
Grantine Wall Plaster Co.
Krause, George Hardware Co.
Light, S. L.
Millard, J. B.
LEHIGHTON—Lehigh Coal & Hdw. Co.
LEWISBURG—Dreisbach's, C. Sons
Proctor, G. W. & Son
LEWISTOWN—Franciscus, F. G.
LIMESTONE—Buckeye Lime Co.
LINWOOD STATION—Wood, N. L. & Bros.
LOCK HAVEN—Candor, A. C. & Co.
Hopkins, A. C.
M'KEESPORT—Bowman Bros.
Bowman & Wilson
Dougherty, O. R.
Hartman Hdw. Co.
Hurrells', John Sons Co.
Patterson, Jas. E.
Serena, John & Co.
McKEE'S ROCKS—Young & Schmitt
Young & Schmitt
MACUNGIE—Singmaster, J. & Co.
MAHANOY CITY—Ball, H.
MANHEIM—Kline, Abram
MANSFIELD—Cleveland, A.
Mills, Myron
Rose & McDowell
MAUCH CHUNK—Neast, Chas. & Co.
MEADVILLE—Harris, C. P.
Smith, L. F. Lumber Co.
Stolz, Charles
MECHANICSBURG—Martin, C. & Son
MEDIA—Elliott, M. & Co.
Hawley & Snowden
Williamson, C. F.
MERCER—McKean, A. J.
Mercer Milling & Lumber Co.
Newell, Alex.
Zahniser, M. C.
MONONGAHELA CITY—McCurdy, T. S.
Yohe Bros.
MONROETON—Crammer & Musselman
MONTROSE—Cooley & Son
MOORES—Moore, G. W. & Co.
MT. CARMEL—Keefer, Geo. H.
MT. JOY—Grissinger, J. R.
Schock, Clarence
MT. PLEASANT—Husband Lumber Co.
Smith, W. H. & Son
Stevenson, J. A. & Co.
MOSCOW—Loveland, J. E.
MYERSTOWN—Walborn, Edwin Z.
NEW BETHLEHEM—Anderson Hdw. Co.

ANDREWS', C. E. LBR. CO.

NEW BRIGHTON—Martsolf Bros.
Martsolf, George W.
NEW CASTLE—Balph, McFarland & Co.
Kline, H.
Marshall Bros.
Patterson & Sample
NEW FREEDOM—Bahn, Walter D.
NEW KENSINGTON—Klingensmith, H. A. & Son
McKeen, J. S. & Sons
NEWPORT—Ficke, J. Frank
Jones, Alvin
NEWTOWN—Worstall Bros. & Co.
NORRISTOWN—Evans, B. & Bro.
Quillman, B.
Scheetz, R.
NORTH WALES—Leister, Jacob H.
Moyer, H. W.
OGONTZ—Nagle, Louis A. & Co.
OIL CITY—Caldwell & Borland Co.
Kern & Co.
United Lumber & Coal Co. (Ltd.)
OLYPHANT—Lally, Jas. H.
OXFORD—Chandler, D. W. & Co.
Dickey, S. R. & Co.
PATTERSON—Manbeck & Nelson
PARKERSBURG—Worrell, Jos.
PEN ARGYL—Correll, R. S.
Fitzgerald, Speer & Co.
PENCOYD—Miles, Jos.
PENLLYN—Davis, L. Y.
PERRYOPOLIS—Herwick, A. C.
PETERSBURG—Stryker, Sam'l L.
PHILADELPHIA—Alpha Portland Cement Co., Harrison bldg
American Cement Co. (Cement Mfrs.), Penn. bldg
ATLAS CEMENT CO. (Mfrs.), 114 N Broad. (See adv. index, end of book)
Bergen, Jno. P., 1821 S 15th
Blair, Andrew, 900 Jeff
Blyler, M. R. & Son, Real Est. Trust bldg.
Bonneville Portland Cement Co. (Cement Mfrs.),, Land Title bldg
Borgner Cement Co., 23d, ab Race
Bowditch, Walter, 205 E Haynes, Gtn
Bradley, Walter T. Co., 9th, below Girard av
Budd & Co., 1021 Passy'k av
Buddendorf, Rob't J., 424 Walnut
Builders' Supply Co., 1903 Gtn av
Cedar Hollow Lime Co., Land Title bldg
Clausen, J. R. & Sons, 2010 Market
Clymer, Jacob, c Marshall & Berks
Commercial Wood & Cement Co. (Sales Agents for "Saylors" & Commercial Brands of Portland Cement), Girard bldg
COPLAY CEMENT CO. (Cement Mfrs.), Girard bldg. (See adv. index, end of book)
Cox's, C. A. Sons, 2137 American
Davis, Paul A., Jr., 136 N Water
Donaldson, Wm. J., Betz bldg
Dougherty, Jas. A., 1521 N Hutchinson
Ebert, Morris, 302 Walnut
Edison Portland Cement Co. (Cement Mfrs.), Girard Trust bzldg
Evans, Wm. & Son, 56 N Front
Fairlamb, P. H. & Co., 115 S 30th
Fitzgerald, John J. & Co., 1404 S Penn sq
Fox, M. M. & Co., Christian st Wharf, Sch.
France, David Co., Tasker St. Wharf
Frankford Coal & Lime Co., 4430 Penn
Fredericks, Chas. C., Wayne av, c Reading Ry Gtn
FRENCH, SAMUEL H. & CO., York av, 4th & Callowhill. (See adv. index, end of book)
Frost, Wm. M., Holmesburg
Gabell, W. T., 2045 N 10th
Garrett, Jas. & Co., 1432 S Penn sq
Gilbert, Henry W., Stenton & Gtn av
Hartranft, Wm. G. Cement Co., Real Estate Trust bldg
Housekeeper, Benj. (Lime), 1526 N American
Kelley's, M. Sons, 4040 Poplar
Kerbaugh Lime & Coal Co., Wash'n av c 15th
Keystone Lime & Coal Co., Main & Umbria, Myk.
KEYSTONE PLASTER CO (Ada- mant Wall Plaster), 16 S Broad
Knickerbocker Lime Co. (Inc.), 366 N 24th
Krause, Wm. & Sons (Inc.), 1621 N 5th
Kyle, Geo., Island rd c Grays av
Lawrence Cement Co. (Cement Mfrs.), Harrison bldg
Lesley & Trinkle Co., Penna bldg
Lyster, Jas. S., 31st & Walnut
McCleman, H. A. & Bro., Moyamensing av ab 13th
Manayunk Coal & Lime Co., Manayunk
Mannheimer Portland Cement Co., 302 Walnut
Martin, H. T., 1133 Winton
Meng, Anthony & Co., 109 S Front
Nazareth Cement Co. (Cement Mfrs.), Land Title bldg
Northampton Portland Cement Co. (Cement Mfrs.), Heed bldg
Peoples Bros., 25th & Callowhill
Phoenix Cement Co. (Cement Mfrs.), Real Estate Trust bldg
Quaker City Mortar Co., 50 N 23d
Ridgemont Cement Mfg. Co. (Cement Mfrs.), 320 Walnut
Robinson, Thos. & Co., Real Estate Trust bldg
Sinn, Geo. A., Bridge & Water, Fkd.
Smith, E. A. Son (Lime), 1017 Frankford av
Standard Lime & Cement Co., 1317 Wash'n
Tyson, Jacob L., 900 Jeff
Union Akron Cement Co., 112 N Broad
Vollmer, P. S., 112 N Broad
Vulcanite Portland Cement Co., Land Title bldg
Waite, Guy B. Co., Real Estate Trust bldg
WARNER, CHAS. CO. (Wholesale), Land Title bldg
Williamson, Frank 2202 Chestnut
PHOENIXVILLE—Benjamin, N. H. Co.
Morris, Harry

PITTSBURG—Alpha Portland Cement Co., 541 Wood
Anderson, Jas. B., 413 4th av
Blair, Reed F. & Co. (Portland Cement, Fire & Silica Brick, etc.), Frick bldg
Crescent Sand & Gravel Co., 5922 Penn av
Cuthbert Bros., Empire bldg
Davison, J. K. & Bro., 30th & Allegheny River
Freeman & Strouss ("Brick, Arch'l Terra Cotta & Clay Products"), Bessemer blk
Hayes Coal & Supply Co., Madeire & P. zR. R.
Heppenstall & Marquis, 32d & Liberty av
Houston Bros. Co., 32d & P. R. R.
Jiles, Jas. Co., 26th & R. R.
Kennedy, D. J. & Co., 150 Frankstown av
Lanz, Geo. & Co., S 22d & Mary
Leggett, Wm. T. & Co., Farmers' B'k bldg
Loughrey, J. Y., 811 Liberty
McClasson, J. H. Co., Farmers' Bank bldg
McKallip, L. S. & Co. (Dyckerhoff & Star Stettin Portland Cements, Domestic Cements, Brick, Lime, Plaster, etc.), 2835 Smallman
McLain, E. S. & Son (Wyandotte Cement), Park bldg
Miller, Mason & Co. (Ltd.), Park bldg
Munhall, R. J. Lbr Co., 41 S 22d
National Mortar & Supply Co., 2d Nat'l B'k bldg
Pittsburg & Buffalo Co., Frick bldg
Pope Cement & Brick Co. (Alpha Cement, etc.), 421 Wood
Rodgers Sand Co., 321 Water
Sharp, J. P., 5722 Broad
Standard Lime Co., Second Nat'l B'k bldg
Williams, W. H. & Co., 308 Duquesne way
Winfield Sand Co., 421 Wood
PITTSTON—Dershimer & Griffen
Patterson, J. E. & Co.
PORTLAND—Miller, J. I.
POTTSTOWN—Bailey, M. W.
Fegely, J. & Son
Metz & Leaf
Van Buskirk & Bro.
POTTSVILLE—Bright, J. C. & Co.
Thompson, L. C.
PUNXSUTAWNEY—Brown Hardware Co.
Meredith, W. R.
Robinson Hardware Co.
QUAKERTOWN—Achey, Benj.
Walp, C. H. & Bro.
READING—Ahrens, H. E. & Bro.
Bard Hardware Co.
Bright & Co., 504 Penn
Gring Bros., 6th & Canal
Miller, C. D. & Son, c Chestnut & River
Miller, Daniel
Moyer & Co.
Parker, W. H.
Reading Lime Co., 618 N 8th
Reading Lumber Co.
Roth, A. L., 45 S 7th
RIDGWAY—Hyde, Murphy Co.
Hyde, W. H. & Co.
ROCHESTER—Hoffman, J. J.
Miller, Wm. & Sons Co.
ROYERSFORD—Buckwalter, J. A.
SALTSBURG—Davis Bros. & Co.
SCRANTON—Benore, John
Hunt, Alex. E.
Keller, Luther, 813 W Lack. av
Laurie, James
Mason & Snowdon Lumber Co.
Paragon Plaster & Supply Co., 1500 Albright av
Stipp, Matthias
Washburn, Williams & Co.
SEWICKLEY—Hays, Alden F.
SHAMOKIN—Union Brick Co.
SHARON—Wallis & Carley
Wishart, A. & Son Co.
SHENANDOAH—Glenn & O'Hearn
Swalm, Allen H.
SHIPPENSBURG—Hawk, H. R.
SLATINGTON—Dettmer & Handwerk
Fritzinger, William A.
SOMERSET—Fink, Peter
SOUDERTON—Hunsberger, S. D.
Moyer & Son
Souder & Crouthamel
SOUTH BETHLEHEM—Laufer, Milton
SOUTH SHARON—Anderson Bros.
South Sharon Lumber Co.
SPRING CITY—Davis & Mowrey
Diemer, Samuel & Son
STEELTON—Couffer & Sultzeberger
Hess, John
Steelton & Harrisburg Brick Co.
SUNBURY—Sunbury Supply Co.
Whitmer, William & Sons Co.
SUSQUEHANNA—Millane, M.
SWARTHMORE—Ogden, Rich.
TAMAQUA—Weaver, Daniel & Son
THURLOW—(See Chester)
TITUSVILLE—Edwards, H. B.
Hale, W. J.
Shank, I. L.
TOWANDA—Myer, Berlin F.
TROY—Snedeker & Mitchell
Spalding, H. M. & Son
TUNKHANNOCK—Billings, Paul & Co.
TYRONE—American Lime & Stone Co.
Beyer, F. D. & Co.
Franciscus Hardware Co.
Grazier Bros. & Stine
UNION CITY—Union Coal & Supply Co.
UNIONTOWN—Hogsett Coal & Coke Co.
VANDERGRIFT—Hunger, Geo. A.
Kimmel, J. G.
WARREN—Pickett Hardware Co.
WASHINGTON—Forgie, William
Hart, B. E., Maiden st
Spriggs, J. M. & Sons, Maiden st
WAYNE—Connor, I. W. & Co.
WAYNESBORO—Hess, Daniel W.
WEST BETHLEHEM—Gerlach, E. J.
WEST CHESTER—Bennett & Lear
Hoopes, E. Main
Hoopes, Ralston R.
WESTFIELD—Tremain, G. H.
WEST GROVE—Chambers, S. K. & Bros.
WILKESBARRE—Goff Lumber Co.
Morgan's, Charles Sons
Patterson, James E. & Co., 135 N Canal
Penna. Supply Co., 60 S Canal
Phelps, Straw & Co.
Schmitt, John A. Sons
Wilkesbarre Masons' Supply Co.
WILKINSBURG—Brown, Hutchison Co.
Wilson, James, 745 Rebecca av
WILLIAMSPORT—Brown, Clark & Howe
Diamond Wall Cement Co.
Guise Brick & Stone Co.
Kline & Co.
Steumpfle, David Sons, 332 Penn
WYANCOTE—Nicholson, Thomas & Son
YARDLEY—Aaron & Rich
YORK—Frey & Thomas
Kottkamp, Hy. Y.
McClellan & Gotwait Co.
Reichley & Co. (Estate)
Small, P. A. & S.
York Valley Lime Co.
Zinn Bros.

RHODE ISLAND

E. PROVIDENCE—Halliday Bros.
NEWPORT—Hammet, A. & H. G., 321 Thames
PAWTUCKET—City Coal Co.
Cottrell, J. T. Co.
Newell Coal & Lumber Co.
Olney & Payne Bros.
PROVIDENCE—Goff, James C., 31 Point
Harris, Wm. M., Jr., 546 Atwells
Horton, H. R. Co., 459 S Water
Manchester & Hudson, 55 Point
Whaley, J. A. & Co., 39 Smith
RIVER POINT—Potter, H. W. & Son
WAKEFIELD—Wakefield Lumber Co.
WESTERLY—Babcock & Wilcox
Maxon & Co.
Segar, S. B.
Sherman, Robert A.
WOONSOCKET—City Lumber Co., River st
Woonsocket Lumber Co., 189 N Main

SOUTH CAROLINA

ANDERSON—White & Co.
BEAUFORT—Christensen, N.
CHARLESTON—Anderson Lumber Co. (Brick, etc.), West End Broad
Bird, Wm. M. & Co., 205 E Bay
Carolina Portland Cement Co., 194 E Bay
Hughes, Thos., 82 Mary
Johnson, Wm. & Co., E end Lawrens
Southeastern Lime & Cement Co.
COLUMBIA—Brown, C. O. & Bro.
Lorick & Lawrance
GAFFNEY—Carroll & Co.
GREENVILLE—Gower Supply Co.
GREENWOOD—Simmons, J. T.
NEWBERRY—Davis, W. T. & Co.
Pool, T. C.
SPARTANSBURG—Ezell, S. B.
Ligon, H. A.
SUMTER—Harby & Co.

SOUTH DAKOTA

CHAMBERLAIN—Anderson Lumber Co.
SIOUX FALLS—Sioux Falls Lumber Co.
Ross, H. W. Lumber Co.
Tuthill, J. W. Lumber Co.
STURGIS—Galvin Bros.
Sturgis Lumber Co.
YANKTON—Loonan Lumber Co.
Western Portland Cement Co.

TENNESSEE

BRISTOL—Barker Hardware Co.
Mitchell, Powers Hardware Co.
Morton, Lewis & Willey Lumber Co.
CHATTANOOGA—Brenner, Ferd Lumber Co.
Gager Lime & Mfg. Co., 203 Carter
Howard Hydraulic Cement Co., 10 W 8th
Howard & Park Brick Co.
Magill Hdw. Co., 624 Market
Wilson, T. T., 1003 Market
CLARKSVILLE—Hurst, Boillin & Co.
COLUMBIA—Simpson, Thos.
HARRIMAN—Dame, M. L.
HUMBOLDT—Bailey, Austin & Son
JOHNSON CITY—Martin, Jas. A.
KNOXVILLE—Chandler & Co.
Sanford, Chamberlain & Alberts Co.
Sullins, C. C.
Tenn. Lime & Sand Co.
MEMPHIS—Chase, W. J. & Co., 185 Main
Denie, J. A. Sons, 355 Front
Forsyth, J. T., 316 Front
Kavanaugh Sand Co., 20 Madison
Wright Lime & Cement Co., 384 2d
MORRISTOWN—Baylor, C. E. & Co.
NASHVILLE—Cohn & Goldberg
Hardison, W. T., 111 S Front
Hoover & Co., 700 N Cherry
Lewis, E. T. & Co.
Love, F. G. & Co.
Norvell & Wallace, 609 Broad
Ransom, J. B. & Co., Durham c N. O. & St. L. Ry.
TULLAHOMA—Lawson, T. D.
Parker, Harry

TEXAS

ALBANY—Rockwell Bros. & Co.
AUSTIN—Austin White Lime Co.
Butler, M.
Tips, Walter
Walsh, Wm. & Co., 401 Colorado
Woolford, J. H.
BASTROP—Wilbarger, J. L. & Co.
BEAUMONT—Beaumont Bldrs.' Supply Co.
Texas Bldrs.' Supply Co.
Wilson, E. L. Hdw. Co.
BEEVILLE—Kohler & Haldenfels
CLEBURNE—Randle, Geo. B.
Wilson, H. S.
COLORADO—Burton-Lingo Co.
Roe, A. J.
CORPUS CHRISTI—Sidbury, E. D.
Stevens, Ed & Sons
CORSICANA—Whitselle, J. E. & Co.
DALLAS—Griffiths & Co., 193 N Lamar
Milby & Dow, 211 Linz bldg
Moore & Rawlins, 271 Elm
Waskom, W. M. & Co.
DENISON—Harna Bros.
Lingo-Leeper Lumber Co.
DENTON—Scripture, C. P.
Taylor, R. S. & Son
Wilson, J. B. & Co.
EL PASO—Bassett, O. T. & Co.
Courchesne, A.
El Paso Brick Co.
Sante Fe Fuel Co.
FORT WORTH—Armstrong, J. H. & Co.
Burton-Lingo Co. (Ltd.)
Cameron, Wm. & Co.
Darnell Lbr. Co.
Kelley Island Lime & Cement Co.
Nash Hardware Co.
Owens, G. W. Lumber Co.
Roe, A. J.
Simpson, J. G.
Smith, Cicero Lbr. Co.
Tims, Bowden
Waples-Painter Co.
GALVESTON—Fowler & McVitie, Cotton Exchange bldg
Henchman, G. H., 2410 Mechanic
Parr, Wm. & Co., 2108 Strand
Perkins, Wm., 3711 1 st.
Pollard, W. H. & Co., Levee, ft of 18th
Texas Portland Cement & Lime Co., Trust bldg

GIDDINGS—Hillsman, J. C. & Son
GROESBECK—Walker, S. S. & Son
HALLETTSVILLE—Hill, T. A. & Son
HOUSTON—Barthold & Casey
Brown-McLaughlin Co.
Burke, E. M, (Estate of)
Heitmann, F. W. & Co.
Humphreyville, W. E.
Macatee, W. L. & Sons
Masterson & Rogers
Street & Graves
KERRVILLE—Schreiner, Chas. Co.
LAREDO—Deutz Bros.
Johnson & Jeffries
LLANO—Llano Lumber Co.
LULING—Luling Lumber Co.
NAVASOTA—Navasota Lbr. & Mfg. Co.
Youens, J. & Co.
ORANGE—Lutcher & Moore
Miller, L.
PARADISE—Boone, J. A.
PARIS—Bettes, H. S. Hdw. Co.
Carter, W. J. & Co.
Ward, W. B. & Co.
Wirz, A. & Co.
SAN ANTONIO—Alamo Cement Co.
Dielman, Jno. C.
Downman, R. H.
Mackey Brick & Tile Mfg. Co.
Pauly, Henry
SCHULENBURG—Lyon, O. T. & Sons
Schaefer & Bro.
Wilson, J. B. & Bro.
SHERMAN—Fielder, A. A.
SWEET WATER—Wilkerson, O. L.
TEMPLE—Campbell, C. M. & Sons
Hollingsworth, T. L.
TERRELL—Muckleroy & Dew
Powers Lbr. Co.
Wrotens Grain & Lbr. Co.
TEXARKANA—Chatfield & Buhrman
Hoffman Hdw. Co.
Sabine Valley Lbr. Co.
Stevens, A. W.
VICTORIA—Bailey Mills Co.
Goldman, A.
Levi, A. & Co.
WACO—Brazelton & Johnson
Cameron, William & Co.
Harris, J. N. & Son
Nash, Robinson & Co., 908 Austin av
Strauss, E.
WILLS POINT—Matthews, N. A. Lumber Co.

UTAH

OGDEN—Bucher, L. J.
Eccles Lumber Co.
Lowe, Geo. A. & Co.
Johnson, J. T., 585 28th
PROVO CITY—Ward, E. J. & Sons
SALT LAKE CITY—Holman, Payne & Co.
Langton Lime & Cement Co., 42 W 2d, South
Martin, Geo. E.
Morris, Elias & Sons Co.
Morrison, Merrill & Co., 241 N 3d, W
Portland Cement Co. of Utah (Cement Mfrs.) 8th S & 5th W
SPANISH FORK—Jex, Wm. & Sons

VERMONT.

BENNINGTON—Loring, J. H. & Co., 113 Depot
BRATTLEBORO—Mellen & Proctor
Robbins & Cowles
BURLINGTON—Burlington Grocery Co.
Walker Grocery Co.
FAIR HAVEN—Reed Coal Co.
MANCHESTER DEPOT—Connor, A. O.
MIDDLEBURY—Chapman, T. M. & Co.
MONTPELIER—Abbott & Balley
Hyde, E. D.
NEWPORT—MacDiarmid & Co.
Sherman & Brady
POULTNEY—Bixby, E. M.
Ripley Lbr. Co.
Sherman, S.
RANDOLPH—Lamson, J. H.
Tewksbury, E. W. & Co.
RUTLAND—Burdett Bros.
Curtis, S. P. & Son
Landon, Walter C. & Co.
ST. ALBANS—Bostwick Bros.
Fonda, W. B.
ST. JOHNSBURY—Caldbeck, M. J. & Son
Ide, E. T. & H. K.
WINOOSKI—Tobey & Catlin

VIRGINIA

ALEXANDRIA—Burrough, Thos. F., Son & Co
Robinson, Geo. H. & Son
Smoot, W. A. & Son
Smoot & Co.
BERRYVILLE—Thompson & Ogden
BRISTOL—Keebler & Rogers
BUENA VISTA—Peak Supply Co.
CHARLOTTSVILLE—Carver, Thos. P.
Wood, Vest & Co.
CHASE CITY—Robert, B. A. & Co.
Roberts, F. B. & Bro.
DANVILLE—Fitzgerald, N. A. & T. J.
Swanson Bros. & Co.
Watson, J. T., Sr.
FREDERICKSBURG—Cole, E. D.
HAMPTON—Heffelinger, Jacob
Holtzelaw Bros.
Hudgins & Co.
HARRISONBURG—Snell, J. M. & Co.
LURAY—Jamieson, A. L.
Luray Lime Co.
LYNCHBURG—Adams' Bros., Payne's Co.
Hutter, C. S.
Pierce & Akers Co.
Williams & Barnett
MANASSAS—Tillett, John R.
NEWPORT NEWS—Benson, Philips & Co.
Booker, Poarch & Co.
Chandler, Boyd D.
James River Lumber & Supply Co.
Richardson, Robt. E., Va. av & 31st
Weaver Bros., Warwick av
NORFOLK—Batchelder & Collins
Bayne, C. M. & Co.
Builders' Supply Co.
Gamage, J. W. & Co. (Domestic & Imported Cements, Brick, Lime, etc.)
Gamage, Jno. O., Woodside's Wharf
General Supply Co., Brooke av nr Boush
Grinnan, John C., 173 Main
Jones & Co.
Nottingham & Wrenn Co., 39 Granby
PETERSBURG—Booth, S. W. & Bro.
Friend & Co.
Marks, L. L. Lumber & Supply Co.
PHOEBUS—Tennis, Edgar M.
PORTSMOUTH—Hawks-Maupin Co.
Lindsay & Co.
Oast, Samuel P.
Port Norfolk Supply Co.
RICHLANDS—Fugate, H. Co.
RICHMOND—Hawes, S. H. & Co., 1801 E Cary
Lee, A. S. & Son
Moore Lime Co., ft. of 17th
Moore, Warner & Co., 17th & Dock
Sitterding-Carneal-Davis Co.
Williams Slate Co., 18 S 9th
RIVERTON—Carson Lime Co.
ROANOKE—Catogni Bros., Campbell av c 2d, S E
Central Mfg. Co., Shenandoah av c 2d, N W
Exchange Lumber Co., 15 2d, S W
Wilkinson, J. H., 102 3d, S W
SALEM—Pierpont, G. R.
SOUTH BOSTON—Easley Grocery Co.
Lawson, R. W. & Co.
STAUNTON—Clark, R. S. & Co., Box 61
SUFFOLK—Allen, R. R.
Folk, E. L. & Co.
Hassell, D. C. & Co.
Shoop, Withers Co.
WARRENTON—Wood, L. P. & Co.

WASHINGTON

AUBURN—Reed, J. T. & Co.
BOLSTER—Allen & Stephen
CENTRALIA—Atkinson Lumber Co.
CHEHALIS—Frost, E. A.
GARFIELD—Irwin, H. D.
NEW WHATCOM—Frizell, W. M.
PORT TOWNSEND—Quimper Mfg. Co.
SEATTLE—Atlas Lumber & Shingle Co., Bailey bldg
Builders' Supply Co., White Star Dock
Canyon Lime & Cement Co., Burke bldg
Carstens & Earles, Bailey bldg
Chinn-Raleigh Co., Globe bldg
Crowe, F. T. & Co. (Complete Line), Globe bldg
Dally, S. W. R., Pier 6.
Eagle Lime Co., Mutual Life bldg
Fryer, David E. (Mfrs.' Agt.), Lumber Ex.
Galbraith, Bacon & Co., ft Madison
Gordon, Craib & Co., Agen Dock
Hill, W. C. Brick Co., Rainer av c Weller
McMullen, J. S. & Co., Ewing c Fremont av
Newell Mill & Mfg. Co., Bradford c 7th av So S
Pontiac Brick & Tile Co., Burke bldg
Schwabacher Hdw. Co., 105 1st av, S
Washington Brick & Tile Co.
SPOKANE—Idaho Lime Co., c Division & N. P. R. R.
Spokane Brick & Lime Co.
Washington Brick, Lime & Mfg. Co., 1st av & Stevens
TACOMA—Cowell, Henry Lime & Cement Co., 1519 Dock
Crowe, F. T. & Co. (Complete Line), 740 Pacific av
Griffin Transfer Co.
Tacoma Trading & Transportation Co., 1715 Dock
Tacoma & Roche Harbor Lime Co., Equitable bldg

WEST VIRGINIA

BLUEFIELD—Saxon Lime & Lbr. Co.
BUCKHANNON—Alton Lbr. & Coal Co.
CHARLESTON—Burlew, N. S.
Courtney, D. G.
Goshorn & Co.
CHARLESTOWN—Manning, J. T. & Co.
Phillips, Wm. Sons.
Washington & Alexander
CLARKSBURG—Williams & Davison Co.
FAIRMOUNT—West Virginia Bldrs. Supply Co.
GRAFTON—Arnett, J. L.
HUNTINGTON—Biggs, G. N.
Central City Brick Co.
HURRICANE—McCallister, Wm. H.
MORGANTOWN—Houston & Demain
Morgantown Planing Mill Co.
PARKERSBURG—Beckwith, Joel
Lowther, M. R. & Co.
Romine & Stone Lumber Co.
Senseman, J. M. Planing Mill Co.
Wilson, H. S. & Son
WHEELING—Chapman, W. H. & Sons, 1218 Main
McGinley Bros., 20th & Eoff
Miller & Stein, 1313 Main
Scott Lumber Co.
Snyder's, Jacob Sons, 1422 Main
Wilson, W. A. & Son, 1215 Main

WISCONSIN

ANTIGO—Clements, David
APPLETON—Cotter, Jas. W.
Driscoll, John
Marston Bros.
ASHLAND—Ashland Lime, Salt & Cement Co.
BARABOO—Johnston, H. M. Lbr. Co.
BAYFIELD—Boutin, F.
BEAVER DAM—Roedl & Jacobs
BELOIT—Beloit Lumber & Fuel Co.
Keeler Lumber Co.
BERLIN—Lawrence, F. D.
BLACK EARTH—Michelson, A. A. & Co.
BLACK RIVER FALLS—Black River Falls Lbr. & Mercantile Co.
BOSCOBEL—Ruka Bros. Mfg. Co.
BRANDON—Paine Lumber Co.
Wheeler, Geo. F.
BURLINGTON—Wilbur Lumber Co.
CEDARBURG—Jochem, Wm. P.
CHETEK—Knapp, Stout & Co.
CHIPPEWA FALLS—Clark, Robt. B.
Coleman, H. B.
Nebagamon Lumber Co.
Theriault, J. B.
DEERFIELD—Grinde & Holman
DE PERE—Hockers, John
EAU CLAIRE—Matteson, W. O.
FOND DU LAC—Moore, T. F. & Co.
FORT ATKINSON—Wilcox & Morris Co.
Zeugner, Hoffman & Son
FOUNTAIN CITY—Roettiger, H. & F.
GRAND RAPIDS—Farrish, R. & Bro.
GREEN BAY—Barkhausen & Hathaway
Finnegan, Wm.
Mueller Bros. & Co.
Murphy Lumber Co.
HARTFORD—Grim, John
HAYWARD—North Wisconsin Lumber Co.
HONEY CREEK—Wilbur Lumber Co.
JANESVILLE—Schaller & McKey
JEFFERSON—Jefferson Brick & Tile Mfg. Co.
Kemmeter Bros.
JUNEAU—Sette & McCollow
KAUKAUNA—Kaukauna Lbr. & Mfg. Co.
Lindauer, L.
KENOSHO—Burr, R. H.
Gottfredson, J. G. & Son
Tanner, W. K.
Tyson, C. & H.

LA CROSSE—Hart, H. C. Implement Co., 101 N Front
Lamb Lumber Co., c Front & King
Phillips Lumber Co.
LAKE GENEVA—Durkee, F. M.
Wilbur Lumber Co.
MADISON—Conklin & Son
Frederickson, A. D. & J. V.
Laurence, Christian
MANAWA—Little Wolf River Lumber Co.
MANITOWOC—Johnson, J. G. Co.
Manitowoc Land & Salt Co.
Rand & Roemer Hdw. Co.
MARINETTE—Hamilton & Merryman Co.
Ludington, N. & Co.
Ludtke, John C.
Lyons Bros. & Co.
Merryman, R. W. & Co.
MENOMINEE—Knapp, Stout & Co.
MILTON—Saunders, T. A.
MILTON JUNCTION—West, Wm. B. & Son
MILWAUKEE—Bond Lime & Cement Co., 421 3d
Bottom Sand Co., 535 National av
Brandt, W. H. & Co., 3015 Walnut
Chicago Brick & Supply Co., 204 Grand av
Devos & Whitnall Co., 206 State
Hahn & Co., 424 Commerce
Illinois Leather Co. (Plastering Hair), 715 Canal
Jesion, Val & Co., 718 Clinton
Jesion & Maciolek, 833 Clinton
Lund, Geo., 336 S Water
Mayer, Daniel, 469 3d
Milwaukee Falls Lime Co., Humboldt av & Commerce
Pipkorn, W. H. & Co., 417 11th av
Reliance Contracting Co., 405 B'way
Ricketson & Schwarz (Brick, Terra Cotta, etc.), University bldg
Sarnow Lime Co., Vliet & 33d
Saveland & Co., 204 Grand av
Taylor, W. G. Co., 432 B'way
Union Fibre Co., 143 Reed
Western Lime & Cement Co., Pabst bldg
Whitnall & Rademaker Supply Co., Canal c Muskego av
Wisconsin Material Co., Plankington bldg
MONROE—Becker, Wm. A.
Dodge Lumber Co.
NEW LONDON—Thern, John P.
Westphal, Albert
NORTH MILWAUKEE—Wausau Lumber & Coal Co.
OMRO—Omro Lumber Co.
OSHKOSH—Cook & Brown Lime Co.
Gould Mfg. Co.
Hollister, Amos & Co.
Kusche, Edw.
Radford Bros. Co.
PORTAGE—Mohr, C. F.
RACINE—Fox Lime & Stone Co.
Horlick Lime & Stone Co.
Lawton, David
Staples Bros.
RHINELANDER—Brown Bros. Lumber Co.
Queal, J. H. & Co.
Robbins Lumber Co.
RICHLAND CENTRE—Krouskop, A. H.
RIPON—Barnett & Anderson
Horner & Middleton
RIVER FALLS—Carroll, J. P.
SAUK CITY—Lachmund, P. & Son
SEYMOUR—Miller & Piehl
SHEBOYGAN—Sheboygan Lime Works
Scheele, Henry J.
SPRINGFIELD—Wilbur Lumber Co.
STEVENS POINT—Largenberg Brick Mfg. Co.
*Potter, Geo. R. (Large)
SUPERIOR—Wheeler, W. J., 8th, c Nettleton
TWO RIVERS—Gesell, John
WATERTOWN—Cordes, L. H. & Co.
Tetzlaff & Co.
WAUKESHA—Palmetier & Abell
Wilbur Lumber Co.
WAUSAU—Barker & Stewart
Curtis & Yale Co.
Lotz, Carl & Co.
Stewart, Alexander Lumber Co.
WESTFIELD—Cochrane, T. H. & Co.

WYOMING

CHEYENNE—Morrison, Merrill & Co.
LARAMIE—Holliday, W. H. Co.
WHEATLAND—Callum, D.

Mast Arms (Arc Lamp, Etc.)

Belmont Iron Works, 22d & Washington av, Phila., Pa.
Brady, T. H., New Britain, Conn.
Buffalo Specialty Mfg. Co. ("Duplex"), Buffalo, N. Y
Craighead Engineering Co., 313 Walnut, Cincinnati, O
Cutter, Geo. Co., 129 Fulton, Chicago, Ill.
Davis, M. & Sons (Electric Light), Salem, O.
Electric Railway Equipment Co., 431 E Front, Cincinnati, O.
Fletcher Mfg. Co., Dayton, O.
Russell Electric Mfg. Co., 214 Eddy, Providence, R. I
Safety Electric Switch Co., Providence, R. I.
Supply Mfg. Co., 32d & Smallman, Pittsburg,
Walls, C. W., Worcester, Mass.
Western Electric Co., 259 S Clinton, Chicago, & 57 Bethune, N. Y.

Mats (Cork Bath)

Columbus, Brass Co., Columbus, O.

Mats (Leather)

National Leather Co. (for Cars, Schools, Homes, Elevators, etc.). Real Estate Trust bldg, Phila., Pa

Mats (Street Car)

Barney & Smith Car Co., Dayton, O.
Eichman, Martin & Co., 256 Lorimer, Brooklyn, N. Y.
Toffler, A. (Steel & Wooden), 725 1st av, N. Y.

Mats (Wood Rolling)

Schmitt, Chas., Milan, Mich.

Mats & Matting Cocoa

Darragh & Small (Calcutta & Domestic), 177 Water, New York
East India Mfg. Co., Baltimore, Md.
Greenland Cocoa Matting Co., 60 Gold, Brooklyn, N. Y.
Kempf, Geo. F. & Bro., 1027 N 4th, Phila., Pa
Lynn, Thos. H. & Son, Trenton, N. J.
McCabe, Benj. & Bro., 354 B'way, N. Y.
Planet Mills Mfg Co. (Jute Matting), 335 Carroll, Brooklyn, N. Y.
State Penitentiary Jute Mill (Jute Matting), Walla Walla, Wash.
Western Penitentiary, Allegheny, Pa.
Wild, Jos. & Co., 11 Thomas, New York
Wolfe, D. H., Bourse bldg, Phila., Pa.

Mats & Matting (Rubber)

Boston Belting Co., 256 Devonshire, Boston Mass., & 100 Reade, New York
Boston Woven Hose & Rubber Co., Executive Office & Factory, Cambridgeport, Mass Stores, 116 Duane, New York; 185 Lake Chicago, Ill.; Cleveland, O.; San Francisco Cal., & Boston, Mass
Consolidated Rubber Co., Trenton, N. J.
Continental Rubber Wks., Erie, Pa.
Crescent Belting & Packing Co., Trenton, N. J.
Diamond Rubber Co., Akron, O.
East, Ray B. & Co. (Steel Wire), Marshalltown Ia
Empire Rubber Mfg. Co., Trenton, N. J., & 66 Reade, N. Y.
Goodrich, B. F. Co., Akron, O.; 66 Reade, New York, & 141 Lake, Chicago, Ill
Gutta Percha Rubber Mfg. Co. (Rubber), 120 Duane, New York; 96 Lake, Chicago, Ill.; 71 Pearl, Boston, Mass., & 26 Fremont, San Francisco
Hamilton Rubber Co., Trenton, N. J.
Hartford Rubber Works Co., Hartford, Conn., & 136 Lake, Chicago, Ill
Home Rubber Co., Trenton, N. J., & 17 Lasalle, Chicago, Ill., & 80 Reade, N. Y.
International Automobile & Vehicle Tire Co., Milltown, N. J.; 346 B'way, N. Y., & Chicago, Ill.
Lake Shore Rubber Co., Erie Pa.
Manhattan Rubber Mfg. Co., 18 Vesey, N. Y.
Mechanical Rubber Co., 253 B'way, New York; 230 Randolph, Chicago, Ill., & Cleveland, O.
Morgan & Wright, 19 N May, Chicago
New Jersey Car Spring & Rubber Co., Jersey City, N. J.
N. Y. Belting & Packing Co. (Ltd.), 91 Chambers, New York; 724 Chestnut, Phila., Pa.; 24 Summer, Boston, Mass.; 101 Hopkins pl, Baltimore, Md.; Kansas City, Mo.; 150 Lake, Chicago, & San Francisco, Cal.
N. Y. Rubber Co. (Corrugated Matting), 84 Reade, N. Y.
Penna. Rubber Co., Jeannette, Pa., & 127 Duane, N. Y.
Peerless Rubber Mfg. Co., 16 Warren, N. Y.
Philadelphia Rubber Co. (Jobbers), 257 S 4th, Phila., Pa.
Republic Rubber Co., Youngstown, O.
Revere Rubber Co., 77 Bedford, Boston, Mass.; 59 Reade, New York; Phila., Pa.; Chicago & San Francisco, Cal.
Stokes, Jos. Rubber Co., Trenton, N. J.
Trenton Rubber Mfg. Co., Trenton, N. J.
United & Globe Rubber Mfg. Co., Trenton, N. J.
Waterbury Rubber Mfg. Co., 49 Warren, N. Y.
Whitehead Bros. Rubber Co., Trenton, N. J.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111Chambers, New York. (See adv. index, end of book)

Mats & Matting (Steel)

Keystone Steel Mat & Mfg. Co. (Flexible, etc.), Beaver Falls, Pa.
SMITH, F. P., WIRE & IRON Works (Flexible, Flat Steel), 100 Lake, Chicago, Ill. (See adv. index, end of book)
Toffler, A., 725 1st av, New York

Mats & Matting (Steel Wire)

Acme Flexible Clasp Co., 17th & Clark, Chicago, Ill.
AMOS, CHARLES & CO., 94 W Larned, Detroit, Mich. (See adv. index, end of book)
Cuyahoga Wire & Fence Co. ("Hartman" Flexible), New Castle, Pa.
Glen Mfg. Co., Ellwood City, Pa.
Keystone Steel Mat & Mfg. Co. (Flexible, etc.), Beaver Falls, Pa.
Lloyd Mfg. Co., 1600 Central av, Minneapolis, Minn.
Ludlow-Saylor Wire Co., 4th & Elm, St. Louis, Mo.
Pratt, Wm. E. Mfg. Co., 91 Lake, Chicago
Standard Wire Co., New Castle, Pa.
Syracuse Wire Works, Syracuse, N. Y.
U. S. Wire Mat Co., Decatur, Ill.
Wire Goods Co., Worcester, Mass.

Matting (Electric Floor)

Partrick, Carter & Wilkins, 1231 Callowhill, Phila., Pa.

Matting (Grass)

Oshkosh Grass Matting Co., Oshkosh, Wis.

Mattocks

American Axe & Tool Co. (Adze Eye Pick, etc.), Glassport, Pa., & 253 B'way, New York
ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Colclesser Bros., El Dorado, Pa.
Collins Co., Collinsville, Conn., & 212 Water, N. Y.
Cronk & Carrier Mfg. Co. (Garden, etc.), Elmira, N. Y.
Findlay Axe & Tool Co., Findlay, O.
Iron City Tool Works (Adze Eye), 32d & Smallman, Pittsburg, Pa.
Kline-Logan Co., S 13th & Breed, Pittsburg, Pa.
Lack & Co., Rochester, N. Y.
Oliver Iron & Steel Co., Pittsburg, Pa.
Plumb, Fayette R. (Inc.), Fkd, Phila., Pa.
Warwood Tool Co., Wheeling, W. Va.

Mattocks (Asphalt)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
CONTRACTORS' TOOL CO., 704 Arch, Phila., Pa. (See adv. index, end of book)
Klein-Logan Co., S 13th & Breed, Pittsburg, Pa.

Mauls (Flogging)

Solid Steel Tool & Forge Co. ("S. T. S."), Farmers' Bank bldg, Pittsburg, Pa.

Mauls (Post)

Barber Mfg. Co., Ashtabula, O.
Gowanda Agricultural Works Co., Gowanda, N. Y.
Sovereign, G. E. (Handled), Rockford, Ill.
Weller Hdw. & Foundry Co., Horseheads, N. Y
Western Foundry & Sash Weight Co., 2d & Miller, St. Louis, Mo.

Mauls (Railroad or Spike)

ANDERSON, W. H. & SONS, Detroit. Mich. (See adv. index, end of book)
Atha Tool Co., Newark, N. J.
Billings & Spencer Co., Hartford, Conn.
Collins Co., Collinsville, Conn., & 212 Water, N. Y.
Evansville Tool Works, Evansville, Ind.
Hammond, C. & Son, Ogontz, Pa.
Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Iron City Tool Works, 32d & Smallman, Pittsburg, Pa.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Mack & Co., Rochester, N. Y.
Pittsburg Tool & Drop Forge Co. ("Cheswick"), Arrott bldg, Pittsburg, Pa. Works, Cheswick, Pa.
Plumb, Fayette (Inc.), Frankford, Phila., Pa.
Solid Steel Tool & Forge Co. ("S. T. S."), Farmers' Bank bldg, Pittsburg, Pa.
Vaughan & Bushnell Mfg. Co., 877 Carroll av, Chicago, Ill.
Verona Tool Works, Murtland bldg, Pittsburg, Pa., & Verona, Pa.
Vicksburg Mfg. Co., Vicksburg, Mich.

Mauls (Rawhide)

Chicago Rawhide Mfg. Co., 75 E Ohio, Chicago, Ill., & 139 Congress, Boston, Mass.

Mauls (Sewer)

Pollard, Jos. G., 141 Raymond, Brooklyn, N. Y.

Mauls (Ship or Top)

Atha Tool Co., Newark, N. J.
Billings & Spencer Co., Hartford, Conn.
Collins Co., Collinsville, Conn., & 212 Water, N. Y.
Evansville Tool Works, Evansville, Ind.
Hammond, C. & Son, Ogontz, Pa.
Harvey, H. H., 608 Atlantic av, Boston, Mass.
Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Iron City Tool Works, 32d & Smallman, Pittsburg, Pa.
Klein-Logan Co. (Solid Cast Steel), S 13th. Pittsburg, Pa.
Mack & Co., Rochester, N. Y.
Plumb, Fayette (Inc.), Frankford, Phila., Pa.
Solid Steel Tool & Forge Co. ("S. T. S."). Farmers' Bank bldg, Pittsburg, Pa.
Vaughan & Bushnell Mfg. Co., 875 Carroll av, Chicago
Verona Tool Wks., Murtland bldg, Pittsburg, Pa., & Verona, Pa.
White, L. & I. J. Co., Perry cor Columbia. Buffalo, N. Y.
Wilcox-Crittenden Co., Middletown, Conn.

Mauls (Woodchoppers')

Atha Tool Co., Newark, N. J.
Billings & Spencer Co., Hartford, Conn.
Evansville Tool Works, Evansville, Ind.
Hammond, C. & Son, Ogontz, Pa.
Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Iron City Tool Works, 32d & Smaliman, Pittsburg, Pa.
Klein-Logan Co. (solid cast steel), S 13th & Brecd, Pittsburgh, Pa.
Lehr Agricultural Co., Fremont, O.
McInnes Steel Co., Corry, Pa.
Swett, A. L. Iron Works (Cast Iron), Medina, N. Y.

Mauls (Wooden)

Doscher Plane & Tool Co. (Boilermakers & Hickory, Iron Ring, etc.), Saugatuck, Conn.
Hellenberg, J. B. & Son (Plumbers' & Well Drillers'), Coldwater, Mich
Woodstock Hardwood & Spool Mfg. Co., Charleston, S. C.

*Measurer (Nash's Expeditious)

(For Curbing of All Kinds.)

COHEN, MICHAEL (Dealer in and Agent for), 1133 B'way, New York. (See adv. index, end of book)

Measuring Machines

(See Index of Contents.)

Mechanical Draft

American Blower Co., 1400 Russell, Detroit, Mich.
ANDREWS & JOHNSON CO., 256 Washington boul., Chicago. (See adv. index, end of book)
Bagley, Wm. & Sons Co., 732 Greenbush, Milwaukee, Wis.
Boston Blower Co., Hyde Park, Mass.
Broomell, Schmidt, Steacy & Co., Inc. (Induced Draft Fans), York, Pa.
Hartford Blower Co. (Forced & Induced), Hartford, Conn.
NATIONAL BLOWER WORKS, 17th & St. Paul av, Milwaukee, Wis. (See adv. end of book)
New York Blower Co., 25th pl & Stewart av, Chicago, Ill. Factory: Bucyrus, O.
Parsons Mfg. Co. ("Parsons'" System), 320 B'way, New York
STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S Clinton, Chicago; 135 N 3d, Phila., Pa.; 134 Liberty, New York, & Queen Victoria st, London, England. (See adv. index, end of book)

Mechanical Engineers

(See Engineers, Mechanical.)

Mechanical Indicators for Elevators

ELEVATOR SUPPLY & REPAIR CO., 34 Monroe, Chicago, Ill., & 136 Liberty, New York. (See adv. below)



Mechanical Schools

(See Engineering Schools & Colleges.)

Mechanical Stokers

Babcock & Wilcox Co., 85 Liberty, New York
Box, Alfred & Co., 813 N Front, Phila., Pa.
Brightman Furnace Co., 648 B'way, Cleveland, Ohio
Chicago Pneumatic Tool Co. ("Little Giant"), Chicago, Ill.
Day & Kincaid Stoker Co., 1146 Harrison av, Cincinnati, O.
Detroit Automatic Stoker Co., Detroit, Mich.
Duluth Stoker Co., Duluth, Minn.
Green Engineering Co. (Automatic Traveling Link Grate), 138 Jackson boul, Chicago
Hawley Down Draft Furnace Co., Superior c Townsend, Chicago, Ill.
International Stoker Co. (Crowe), 47 Montgomery, Jersey City, N. J.
Little Giant Stoker Co., 3906 S Halsted, Chicago, Ill.
Logeman Bros. Co., Milwaukee, Wis.
Moore, E. J. Machine & Foundry Co. (Moore's Revolving Grates), 2227 Wood, Phila., Pa.
Pittsburg Stoker & Mfg. Co. ("Pittsburg" Underfeed), 2525 Liberty av, Pittsburg, Pa.
Ross & Co., 95 Liberty, N. Y.
Schneck & Straeten Stoker Co. ("S. & S."), 59 Indiana, Chicago, Ill.
Under Feed Stoker Co. of Am. ("Jones" Under-Feed), 204 Dearborn, Chicago
United States Mining & Trading Co. ("Peerless" Automatic Smokeless), 11 B'way, New York
WESTINGHOUSE MACHINE CO., The ("Roney"), Pittsburg, Pa.
Wetzel Mechanical Stoker Co., Trenton, N. J.
Wilkinson Manfg. Co., Inc., Bridgeport, Pa.

Megaphone Mfrs.

Merriman Bros., 162 Commercial, Boston, Mass.

Memorial Windows

Benziger Bros., 38 Barclay, New York; 343 Main, Cinn., O., & 211 Madison, Chicago
Blum Art Glass Co., 308 7th, Louisville, Ky.
Butterworth, Thos. C., 15 Polk, San Francisco, Cal.
Century Stained Glass Co., 200 S 11th, Phila., Pa.
Church Art Work Co., 253 4th av, New York
Colgate Art Glass Co., 8 Gansevoort, N. Y.
Crowninshield, Fredk., 42 W 18th, N. Y.
Decorative Glass Co., 43 N 17th, Phila., Pa.
Decorative Stained Glass Co., 46 Washington sq S, N, Y.
Dougherty, James, 435 W Broadway, N. Y.
Dukes, Henry, Glass Works (T. W. Tulton, Prop.), 2129 Market, Phila., Pa.
Eberhardt, Hugo & Co., 1148 W 12th, Chicago, Ill.
Flagg, L. G. & Co., Sudbury bldg, Boston, Mass.
FLANAGAN & BIEDENWEG CO., 57 to 63 Illinois, Chicago, Ill.
Ford Bros., 151 5th av, Chicago, & Minneapolis, Minn.
Friederichs & Wolfrum, 107 Gratiot av, Detroit, Mich.
Godwin, Albert, 1343 Arch, Phila., Pa.
Grimm, A. C., 43 E 19th, New York
Hausletier, J. & Co., 102 Flatbush av, Brooklyn
Heinigke & Bowen, 24 E 13th, New York
Janes, Walter & Co., 123 E 23d, New York
Kerwin, E. F., Ornamental Glass Co., 925 N 6th, St. Louis, Mo.
Kim, Geo. A. & Co., 318 1st av, Pittsburg, Pa.
Kyle Art Glass Co., Springfield, O.
Lamb, J. & R. (Inc.), 59 Carmine, New York
McCully & Miles Co., 76 Wabash av, Chicago, Ill.
Mackin, W. W., 1237 8th
Maginn, Charles, 17 E 14th, New York
Mayer & Co., 47 Barclay, New York.
Morgan Bros., 707 Gates av, Brooklyn, N. Y.
Morgan, John & Sons, 32 E 9th, New York, & 17 Union av, Brooklyn, N. Y.
O'Halloran, Thos. & Sons, 73 Chambers, Newark, N. J.
Payne, Geo. Hardy, 247 Market, Paterson, N. J.
Passarge, Albert M., 12 De Kalb av, Brooklyn, N. Y.
Petgen Glass Co., Hamilton & 5th avs. Pittsburg, Pa.

Quaker City Stained Glass Works, 504 Arch, Phila., Pa.
Rae, G. & Co., 436 W B'way, New York
Redding, Baird & Co., 83 Franklin, Boston, Mass.
Reith, Wm., 134 N 7th, Philadelphia, Pa.
Richardson, H. H. & Co., Jacksonville, Fla.
Righter & Kolb, 156 5th av, New York
Riordan, G. C. & Co., 133 E 5th, Cincinnati, Ohio
SCHULER & MUELLER, Canal & Madison, Chicago, Ill. (See adv. index, end of book)
Sellers, Benjamin, 80 Bible House, New York
Spence, Bell & Co., 90 Canal, Boston, Mass.
Spiers, Richard N., 859 6th av, New York
STEVENS ART GLASS CO., 28 S St. Clair, Dayton, O.
Stoltzenberg Co., 51 Barclay, New York
Summers & Lamb, c Jay & Johnson, Brooklyn, N. Y.
Tiffany Studios, 333 4th av, N. Y.
Van Horn, Daniel Art Glass Works, 537 17th, Milwaukee, Wis.
Wallis, A. H., 2000 & 2002 Locust, St. Louis, Mo.
Western Sand Blast Mfg. Co., c S Clinton & W Jackson boul, Chicago
Wood Glass Co., 226 N Salem, Syracuse, N. Y.

Merry Go-Rounds

(See Carrousells, Organs, etc.)

Metal (Acid Proof)

Lawrenceville Bronze Co. (For Tin Plate Machinery), 31st & Penn av, Pittsburg, Pa.

Metal Coatings

(See Paints for Coating & Preserving Iron & Steel.)

Metal Corner Beads (Plasterers')

(See Plasterers' Steel Corner Plates.)

Metal Furniture Trimmings

Grand Rapids Brass Co. (Pulls, Knobs, etc.), Grand Rapids, Mich.

Metal Importers

LEAVITT, C. W. & CO., 15 Cortlandt, New York. (See adv. below)

Metal Novelties & Specialties

Aluminum Mfg. Co. (Aluminum), Two Rivers, Wis.
American Enamel Co., Providence, R. I.
American Pin Co. (Stamped & Spun Turned from Rod, etc.), Waterbury, Conn.
Buescher Mfg. Co. (Sheet Brass & Aluminum, in Casting, Stamping, Turning or Plating), Elkhart, Ind.
Chelsea Mfg. Co., Chelsea, Mich.
Consolidated Fruit Jar Co., New Brunswick, N. J.
CROSBY CO. (Sheet Metal Stamping & Drawing), 177-187 Pratt, Buffalo, N. Y. (See adv. index, end of book)
Domestic Novelty Mfg. Co., 25 Canfield, Newark, N. J.
Gaynor & Mitchell Mfg. Co. (Special Sheet Metal Goods), Bridgeport, Conn.
Goodwin & Kintz Co. (from Brass, Aluminum, Nickel, etc.), Winsted, Conn.
Grammes, L. F. & Sons (Wrought Brass, etc.), Allertown, Pa.
Havell Mfg. Co., 284 Wash'n, Newark, N. J.
McKeel, Geo. A. & Co. (Sheet Metal), Jackson, Mich.
McKenna Bros. Brass Co. (Ltd.), Pittsburg, Pa.
Mossberg, Frank Co. (Sheet Metal, Stamped & Punched), Attleboro, Mass.
Mossberg Wrench Co. (Sheet Metal Stampings), Central Falls, R. I.
Newark Sheet Metal Ware Co., 50 Elm, Newark, N. J.
Novelty Mfg. Co. (Brass Mounting & Trimmings), Waterbury, Conn.
Oakville Co. (Pins, etc.), Oakville, Conn.
Parke, Jno. Y. & Co. (Brass Goods for Hardware Trade), 728 Cherry, Phila., Pa.
Scovill Mfg. Co. (Brass Specialties), Waterbury, Conn.; 423 Broome, New York, & 210 Lake, Chicago, Ill.
Thompson, Mrs. Fannie K. (Brass), Elkhart, Ind.
Torrington Mfg. Co. (Brass & Iron), Torrington, Conn.
Turner Brass Works, Franklin c Mich, Chicago, Ill.
Turner & Seymour Mfg. Co. (of all Descriptions, Plate, etc.), Torrington, Conn.
Union Novelty Mfg. Co. (Wood, Iron, Metal etc.), 1338 Charles, Indianapolis, Ind.
Wiland & Co., 205 Willow, Phila., Pa.

Metal Polish

Allen, L. B. Co. ("Al-Lectro" for Metal & Glass), 1335 Columbia av, Chicago, Ill.
Ayrolite Co., Pittsburg, Pa.
Buffalo Specialty Mfg. (Metaline & Sparkleine), 375 Ellicott, Buffalo, N. Y.
Colgan Mfg. & Supply Co. ("Peerless"), 28 Moore, New York
Harvey Chemical Co. ("American" Liquid & Paste), Lafayette, Ind.
Hoffman, Geo. W. ("U. S." Infallible Paste, Powdered & Liquid), 295 E Wash'n, Indianapolis, Ind.
Kimball, C. M., Winthrop, Mass.
Landers, Frary & Clark ("L. F. & C." Cleaning & Polishing Powder for Gold, Silver Plated Ware, etc.), New Britain, Conn.
Mepham, Geo. S. & Co., East St. Louis, Ill.
Rath Mfg. Co. ("Imperial"), 2d, Hancock & Laurel, Phila., Pa.
Schlegel, Oscar Mfg. Co. ("Lustreine" Liquid), 182 Grand, N. Y.
Steward, D. M. Mfg. Co. ("Stainoff" Powder for Cleaning & Polishing everything), Chattanooga, Tenn.
Wilson Co. ("Wilson" Liquid), 18 B'way, New York. Works, Long Island City, N. Y.
Winn, Wm. R. ("Winn"), 143 Maiden Lane, New York, & Springfield, Mass.

Metal Provers

American Meter Co., 561 W 47th, N. Y.; 22d & Arch, Phila., Pa., & 34 W Monroe, Chicago
Harris Bros. & Co., 12th & Brown, Philadelphia, Pa.
McDonald, D. & Co., 511 W 21st, N. Y.; Albany, N. Y., & 34 W Monroe, Chicago, Ill.

Metal Sash & Mouldings

Anderton, Ralph L., 210 Grand, New York
JONES, TREVOR F. & CO. (in Aluminum, Bronze, etc.), 374 W B'way, N. Y. (See adv. next column)

Metal Signs

American Can Co., 11 B'way, New York
JONES, TREVOR F. & CO., 374 W B'way, N. Y. (See adv. below)

Trevor F. Jones. Henry H. Jones.
Established 1883.
TREVOR F. JONES & CO.,
Manufacturers of
Metal Signs, Plates and Memorial Tablets.
Bulletin Signs for Buildings. Raised Letter, Bronze, Brass, Silver, Engraved, etc.
374 West Broadway, New York City.
Tel. 2759 Spring.

McKibbin, G. N. Mfg. Co., So. Norwalk, Conn.

Metal Surfacer

Peckham Mfg. Co. (For Dry Barrel Polishing), 244 South, Newark, N. J.
St. Louis Surfacer Co. ("Koons"), 102 Commercial, St. Louis, Mo.

Metal & Rubber Stamps

(See Stamps, Rubber & Metal.)

*Metaline

NORTH AMERICAN METALINE CO. Main Office & Factory, cor West av & 3d, Long Island City, N. Y. (See adv. index, end of book)

Metallic Sash Bars

AMOS, CHARLES & CO., 94 W Larned, Detroit, Mich. (See adv. index, end of book)
Anderton, Ralph L., 210 Grand, New York
Barnum, E. T. Wire & Iron Works, Detroit, Mich.
Chicago Metallic Sash Works, 21 Mohawk, Chicago, Ill.
COULSON, J. W. & CO., Columbus, O. (See adv. index, end of book)
HECLA IRON WORKS, 118 N 11th, Brooklyn, N. Y. (See adv. index, end of book)
JONES, TREVOR F. & CO., 374 W B'way, New York. (See adv. below)

Trevor F. Jones. Henry H. Jones
Established 1883.
TREVOR F. JONES & CO.,
Manufacturers of
Metal Sash Bars and Mouldings for Store Fronts,
Covering of Wood Work in Aluminum, German Silver, Nickel, Brass, Bronze, Copper, etc.
374 West Broadway, New York City.
Tel. 2759 Spring.

Phillips, John Co. (Ltd.), 51 Fort, Detroit, Mich.
Sheldon, Smith, 185 N Water, Rochester, N. Y.
Treftz Bros., 542 E 33d, Chicago
VULCAN CO., Detroit, Mich. (See adv. index, end of book)

Metallic Settings

AMOS, CHARLES & CO., 94 W Larned, Detroit, Mich. (See adv. index, end of book)

C. W. LEAVITT & CO., 15 Cortlandt St., NEW YORK,

Importers and Agents for Foreign Shippers of

Foreign Iron Ores, Manganese Ores,

STEEL RAILS BLOOMS, BILLETS AND SLABS.

Spiegeleisen, Ferromanganese, Ferro-Silicon (blast furnace and high percentage), Silico-Spiegel, Chrome Ore, Magnesite, Ferro-Phosphorus, Deoxidizers, all grades of Special Alloys, Aluminum, Antimony and Antimonial Lead.

Blum Art Glass Co., 508 7th, Louisville, Ky.
Chicago Metallic Sash Works, 21 Mohawk, Chicago, Ill.
Dougherty, James, 435 W B'way, New York
Fitzpatrick, Jeremiah, 376 Greenwich, New York
FLANAGAN & BIEDENWEG CO., 57 Illinois, Chicago, Ill.
Ford Bros., 234 5th av, Chicago
Henderson Bros., 13 E 30th, New York
KINSELLA GLASS CO., 22d & Johnson, Chicago, Ill.
Rae, G. & Co., 436 B'way, New York
Robertson Mfg. Co. (Lead), 30 Hanover, Baltimore, Md.
Spiers, Richard N., 859 6th av
Summers & Lamb, Jay c Jackson, Brooklyn, N. Y.

Metals (Anti-Friction)

(See Babbitt Metal; also Bearings, Various Kinds.)

Metals (Electrical Fuse)

Lang, E. M. Co., Portland, Me.

Meter Provers

Amercian Meter Co., 561 47th, New York
McDonald, D. & Co., Albany, N. Y.

*Meter Varnish

Acme White Lead & Color Works, Detroit, Mich.
Lucas, John & Co., 322 Race, Philadelphia, Pa.; 89 Maiden la, New York, & 59 N Jefferson, Chicago
STANDARD VARNISH WORKS, 29 B'way, New York; 2620 Armour av, Chicago, Ill., & 23 Billiter St., London, Eng. (See adv. index, end of book)

Meters (Acetylene)

Griffin, John J. & Co., 1513 Race, Phila., Pa.
Keystone Meter Co., Royersford, Pa.
Maryland Meter Co., 229 North, Baltimore, Md.; Chicago, Ill., & San Francisco, Cal.

Meters (Blast)

Byram & Co., 435 Guoin, Detroit, Mich.

Meters (Electric)

See Wattmeters.
Also Ammeters & Voltmeters.

*Meters (Fuel Gas)

Chaplin-Fulton Mfg. Co., Pittsburg, Pa.
Metric Metal Works, Erie, Pa.
Pittsburg Supply Co., 444 1st av, Pittsburg, Pa.

Meters (Gas)

American Meter Co., 561 W 47th, New York
Automatic Meter Co., 115 B'way, New York
Cleveland Gas Meter Co., 42 Glendale av, Cleveland, O.
Griffin, J. J. & Co., 1513 Race, Philadelphia, Pa.; 559 W 47th, New York, & 99 S Jefferson, Chicago, Ill.
Harris Bros. & Co., 12th & Brown, Philadelphia, Pa.
Helme & McIlhenny, 1339 Cherry, Philadelphia, Pa.
International Steam Pump Co., 120 Liberty, New York
Keystone Meter Co., Royersford, Pa.
McDonald, D. & Co., 51 Lancaster, Albany, N. Y.
Maryland Meter Co., 229 North, Baltimore, Md.; San Francisco, Cal., & Chicago, Ill.
Metric Metal Works, Erie, Pa.
New Haven Novelty Machine Co. (Prepayment Mechanism for Gas Meters), New Haven, Conn.
Pittsburg Meter Co. (Tin, Westinghouse Gas & Westinghouse Proportional), East Pittsburg, Pa.
Pittsburg Supply Co., 444 1st av, Pittsburg, Pa.
Tufts, Nathaniel, Meter Co., 8 Medford, Boston, Mass.

Meters (Oil)

Buffalo Meter Co. (The Niagara), 290 Terrace, Buffalo, N. Y.
International Steam Pump Co., 120 Liberty, New York
National Meter Co., 86 Chambers, New York; 159 Franklin, Boston, Mass., & 318 Dearborn, Chicago, Ill.

Meters (Prepaid Gas)

Keystone Meter Co., Royersford, Pa.
McDonald, D. & Co., 51 Lancaster, Albany, N. Y.

Meters (Steam)

American District Steam Co. ("Holly & Simplex" Condensative), Lockport, N. Y.
St. John, G. C., 143 Liberty, New York
Trayer & Everett, Allentown, Pa.

Meters (Water)

American Valve & Meter Co. ("Cincinnati"), Cincinnati, O.
Buffalo Meter Co. (The Niagara), 290 Terrace, Buffalo, N. Y.
Buildctrs' Iron Foundry ("Venturi"), Providence, R. I.
Hersey Mfg. Co. (Disc, Rotary & Torrent), 314 W 2d, S. B., Boston, Mass.
National Meter Co., 86 Chambers, N. Y.; 159 Franklin, Boston, Mass., & 318 Dearborn, Chicago, Ill.
Neptune Meter Co., 142 Market, Newark, N. J., & Long Island City, N. Y.
Pittsburg Meter Co. ("The Pittsburg" & "Keystone"), East Pittsburg, Pa.
Sangamo Electric Co., Springfield, Ill.
Standard Water Meter Co., 245 Robinson, Brooklyn, N. Y.
Thomson Meter Co., 79 Wash'n, Brooklyn.
Trayer & Everett, Allentown, Pa. N. Y.
Union Water Meter Co., Worcester, Mass.
Worthington, Henry R. (Inc.), 6 Rapelye, Brooklyn, N. Y.; 120 Liberty, New York; 54 Oliver, Boston; N. Y. Life bldg, Chicago, Ill., & 724 Arch, Philadelphia, Pa.

Mica

Asheville Mica Co., Asheville, N. C.
Black Hills Clay & Marble Co., Custer City, S. Dak.
Chicago Mica Mining & Milling Co., Monadnock blk, Chicago, Ill.
Chicago Mica Co., Valparaiso, Ind.
Crown Mica Co. (Miners), Custer, S. Dak.
Francklyn & Ferguson (Electrical, Ground & Pulp), Cotton Ex. bldg, New York
Johns, H. W.-Manville Co. (Moulded), 100 William, N. Y., & 225 Clybourn, Milwaukee, Wis.
Mica Insulator Co. (Micanite), 218 Water, New York
National Gum & Mica Co. (Ground & Pulp, etc.), 502 W 45th, New York
North Carolina Mica Co., 84 North, Boston, Mass., & 86 Michigan av, Chicago, Ill.
Ohio Mica Co., Canton, O.
Palermo Mica Co., 218 Water, New York
Ray, G. & Son, Burnsville, N C.
Richmond Mica Co., Richmond, Va.
Schoonmaker, A. O. (Importer), 221 Fulton, New York
Sills-Eddy Mica Co. (Micabeston), Chicago, Ill., & Newark, N. J.
WHITTAKER, W. H., 245 Front, New York

Mica Chimneys, Canopies & Protectors

(See Chimneys, Mica.)

Mica (Ground)

Atlas M. & M. Co., Lincoln, N. J., & 82 Pearl, New York
Richmond Mica Co. (Miners & Mfrs.), Richmond, Va.
WHITTAKER, W. H., 245 Front, New York

Mica Insulators

(See Insulators.)

Micrometers

Athol Machine Co. ("Bellows" Standard), Athol, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
HAMMACHER, SCHLEMMER & CO., 133 4th av, New York. (See adv. index, end of book)
Massachusetts Tool Co., Greenfield, Mass.
Pratt & Whitney Co., Hartford, Conn.
Sawyer Tool Mfg. Co., Fitchburg, Mass.
Slocomb, J. T. Co., 29 Oxford, Providence, R. I.
Smith, E. G., Columbia, Pa.
Starrett, L. S. Co. (Outside & Inside), Athol, Mass.
Syracuse Twist Drill Co., Syracuse, N. Y.

Milk-Shakers

Erie Specialty Co., Erie, Pa.

Mill Cogs

Rowsher, N. P. Co. (Wooden), South Bend, Ind.
Cover, H. S. (Dressed), South Bend, Ind.

Mill Stones

Bullock, C. K., 1357 Ridge av, Phila., Pa.

Mill & Factory Supplies.

(Firms indicated by a Star (*) Manufacture Belting also.)
See also Belting & Belt Appliances.
Also Cotton & Wool Waste.
Also Engineers' Supplies.
Also Gears.
Also Hangers.
Also Lubricants.
Also Machinery, Power Transmission.
Also Packing, Steam, etc.
Also Pipe & Boiler Coverings.
Also Shafting.
Also Mill Supplies (Textile).
For all other Mill & Engineers' Specialties see Index of Contents.

ALABAMA.

ANNISTON—Anniston Supply Co.
BIRMINGHAM—Echols Supply Co.
Knauff, R. & Co.
*Milner & Kettig Co.
Moore & Handley Hardware Co.
Prowell Hardware Co. (Also Mine)
Yates, J. A. & Co.
EUFAULA—Petrey & Stewart
GREENVILLE—Henderson, C. C. Machine Co.
Johnson, J. F. Hardware Co.
MOBILE—Barney-Cavanagh Hardware Co.
Cole, E. L.
Cunningham Hardware Co.
Mellett, Richard
Southern Supply Co.
Zelnicker, Walter A. Supply Co.
MONTGOMERY—Janney, A. A. & Co.

MONTGOMERY—Janney & Co.
Liddell Machinery & Supply Co.
Lum Machinery Co.
Snow-Tullis Hardware Co.
NEW DECATUR—North Alabama Engineering
OPELIKA—Phillips, Yarbrough & Allen Co.
SELMA—Union Iron Works Co.

ARIZONA.

PHOENIX—Thayer, Ezra W. (Also Mine)
PRESCOTT—Hill, Samuel Hardware Co. (Also Mine)
TUCSON—Gardiner, Worthen & Goss Co.

ARKANSAS.

CAMDEN—Camden Machinery & Supply Co.
DARDANELLE—Cox, Thos. Mfg. Co.
FORT SMITH—Atkinson-Williams Hardware Co.
Ayers & Co.
Speer Hdw. Co.
HELENA—Tappan, James A. Hardware Co.
LITTLE ROCK—Dickinson, W. W. Hardware Co.
Fones Bros. Hardware Co.
Jones, D. E. Co.
Rosenbaum, C. E. Machinery Co.
Wehrfritz, E. C. Machinery & Supply Co.
Wing & Stephens Co.
MAGNOLIA—Couch Hardware Co.
Davis & Warnock
PINE BLUFF—Fox Bros. Hardware Co.

CALIFORNIA.

GRASS VALLEY—Biggs, Elam Hdw. Co. (Also Mine)
LOS ANGELES—Baker & Hamilton
Booth, Levi & Sons (Inc.), 334 N Main
*Busch, A. H. Co., 150 N Los Angeles
CRANE CO. (of Chicago), Est. 1855. (See adv. index, end of book)
Ducommun, C. (Also Mine), 300 N Main
FAIRBANKS, MORSE & CO., 136 Los Angeles. (See adv. index, end of book)
Pacific Coast Mfg Co., 122 Los Angeles
Union Hardware & Metal Co.
Warren & Bailey Mfg. Co. (Belting, etc.), 300 S Los Angeles
NEVADA CITY—Legg & Shaw Co.
PLACERVILLE—Meehan, M. Q. (Also Mine)
SACRAMENTO—Baker & Hamilton
Schaw-Batcher Co.
SAN FRANCISCO—Arnold Hdw. Co., 23 Davis
Baker & Hamilton c Davis & Pine
Bay City Engineering & Supply Co., 323 Howard
California Belting & Supply Co., 119 Mission
California Engineering & Construction Co., 106 New Montgomery
Cameron Bros. & Co. (Also Mine), 132 Market
*Cook, H. N. Belting Co., 124 Fremont
CRANE CO. (of Chicago), Est. 1855. (See adv. index, end of book)
Dunham, Carrigan & Hayden Co., 17 Beale
Empire Saw Works, 159 New Montgomery
FAIRBANKS, MORSE & CO., 310 Market. (See adv. index, end of book)
Garratt, W. T. & Co. (Inc.), 138 Fremont
Golden State & Miners' Iron Works, 231 1st
*Goodyear Rubber Co., 573 Market
Graton & Knight Mfg. Co., 549 Mission
Harron, Richkard & McCone (Inc.), 21 Fremont
Hawley Bros. Hardware Co., 202 California
Henshaw, Bulkley & Co., c Fremont & Mission
Horsford Bros., 119 Mission
Hutchinson Railroad Supply Co., Rialto bldg
Lewis, W. S. Covering Co., 109 Fremont
McDearmon & Co., 519 Sacramento
Marwedel, C. W., 58 1st
*New York Belting & Packing Co. (Branch of New York), 605 Mission
O'Brien, Michael, 142 1st
Pacific Hdw. & Steel Co., Fremont & Mission
Pacific Tool & Supply Co., 105 1st
Schaw-Batcher Co., 539 Mission
Simonds Saw Co., 31 Main
Tatum & Bowen, 34 Fremont
Wagner, Jos. Mfg. Co., 101 Mission
SAN JOSE—Garden City Supply Co.

COLORADO.

BLACK HAWK—Clark Hardware Co. (Also Mine)
BRECKENRIDGE—Gold Pan Engineering & Mine Supply Co.
DENVER—Allis-Chalmers Co., 1649 Tremont
Bogue Lead Co., 1810 Blake
Creswell, Jos. Mfg. Co., 1624 Blake
Dillon Hardware Co., 1525 15th
FAIRBANKS, MORSE & CO., 1600 17th. (See adv. index, end of book)
Flint-Lomax Electric & Mfg. Co., 1400 Delgany
Hendrie & Bolthoff Mfg. & Supply Co., 1625 17th
Jeffrey Mfg. Co., Equitable bldg
Leyner, J. George, 501 17th
Mine & Smelter Supply Co., 17th & Blake
Montgomery, J. H. Machinery Co., 1220 Curtis
Onderdonk Engineering Co., 1423 15th
Scott Supply & Tool Co. (Alon Mine), 1725 Blake
S. S. Machinery Co., 2464 Larimer
Stearns-Roger Mfg. Co., 1724 California
GILLETT—Western Hardware & Supply Co.
OURAY—Arps Bros. Hdw. Co. (Also Mine & Smelter)
TELLURIDE—Tomkins-Hunt Hardware Co.

CONNECTICUT.

BRIDGEPORT—Hawley, C. W. W. & R.
Hawley, Thomas & Co.
Lyon & Grumman
*Palmer, N. & Co.
Plumb, L. D.
BRISTOL—Stedman & Co.
Weldon, S. A. & Son
DANBURY—Hoyt, H. W. Co.
DANIELSON—Jacobs, E. H. Mfg. Co.
DERBY—Hallock, F. Co.
HARTFORD—Bidwell, J. C. & Co.
Connecticut Rubber Co.
Francis & Co.
Hartford Mill Supply Co.
Howard, James L. & Co.
Knox, Frank J. Co.
Olds & Whipple
Plimpton & Hills Corporation
Tracy, Robinson & Williams Co.
MERIDEN—Church & Morse
MIDDLETOWN—Noxon & Whitney Co.
NEW BRITAIN—Abbe, A. H. & E. W.
Mills, Herbert L.
NEW HAVEN—Bushnell, N. T. Co., 712 Chapel
*Coe & Brown, 202 George
Marsh, H. E.
Mersick, C. S. & Co. (Belting, Packing, etc.), 292 State
NEW LONDON—Darrow & Comstock Co.
NORWICH—Carroll, G. W.
Eaton, Chase & Co.
Norwich Belt Mfg. Co.
SOUTH MANCHESTER—Blish, F. T. Hdw. Co.
STAMFORD—Begent, Lynch & Swayze Co., 4 Park row
Davenport, John S. & Son, 16 Atlantic
TORRINGTON—Agard Hardware Co.
UNION CITY—Page, J. M. & Co., 40 Church
WALLINGFORD—Conn. Hdw. & Paint Co.
WINSTED—Brown Machine Co.
Carroll, Jos. L.
Dickerman & Pond Co.

DELAWARE.

WILMINGTON—Ainsworth Boiler & Pipe Covering Co.
Bradford, James Co.
Cartmell, Thos. B., c 6th & Madison
Delaware Electric & Supply Co.
McComb, Thomas, 209 Shipley
Pyle, Victor R., s s Market st bridge
*Rhoades, J. E. & Sons
Simmons, S. G. & Bros.

DISTRICT OF COLUMBIA.

WASHINGTON—Howard, Henry J. M., 915 E. N. W.
Kendall, J. B., 487 Mo av, N W
National Electrical Supply Co., 1330 N. Y av, N W

FLORIDA.

GAINESVILLE—Baird Hardware Co.
Thomas, S. J.
JACKSONVILLE—Christopher, John G.
Florida Hardware Co. (Inc.)
Hubbard, S. B. Co. (Inc.)
MADISON—Dial, W. H., Jr.
OCALA—Hubbard & MacDuff
Marion Hardware Co.
Ocala Foundry & Machine Works
PENSACOLA—Avery, A. M.
ST. AUGUSTINE—Hamblen, C. F.

GEORGIA.

AMERICUS—Sheffield-Huntington Co.
ATLANTA—Atkins, E. C. & Co.
Atlanta Supply Co, 29 S Forsyth
Beck & Gregg Hdw. Co., 64 Marietta
Cotton States Belting & Supply Co., 9 S Broad
De Loach Mill Mfg. Co., Highland av
Graton & Knight, 93 S Forsyth
*LADEW, EDW. R. (Successor to Fayerweather & Ladew), 18 N Forsyth. (See adv. index, end of book)
Malsby & Co., 41 S Forsyth
Southern Belting Co., 44 S Forsyth
AUGUSTA—Carter, S.
Lombard Iron Works & Supply Co.
Walton, Maurice Hdw. Co.
BRUNSWICK—Downing Co. (Also Naval Stores)
Ellis-Young Co. (Also Naval Stores)
CAIRO—Sapp Hdw. Co.
COLUMBUS—Bush Hardware Co.
Golden Foundry & Machine Co.
COVINGTON—Stephenson, James R.
FITZGERALD—Watt-Harley-Holmes Co.
GAINESVILLE—Gainesville Iron Works
MACON—Mallary Mill Supply Co.
Schofield's, J. S. Sons Co.
MONROE—Felker, J. H.
ROME—Terhune-Nixon Co.
SAVANNAH—Frank, Leo
Georgia Supply Co.
Hartfelder-Garbutt Co.
Palmer Hardware Co.
Peeples, H. H. & Sons
Weed, J. D. & Co.
TIFTON—Slack, S. G. & Co.
Tift, H. H.
TOCCOA—Matheson, W. A.
Simpson, D. J.
WAYCROSS—Trent, F. B.

IDAHO.

BOISE—Coffin-Clinton Hdw. Co.
LEWISTON—Cash Hardware Co.
WALLACE—Coeur, D'Alene Hdw. Co. (Also Mine)

ILLINOIS.

BLOOMINGTON—Keiser-Van Leer Co.
CAIRO—Reed, J. B.
CHICAGO—Advance Packing & Supply Co., 55 S Canal
*Allen, W. D. Mfg. Co., 151 Lake
Besly, C. H. & Co., 15 Clinton
Brand, S. H. & Co., 99 W Monroe
CARPENTER, GEO. B. & CO., 202 S Water. (See adv. index, end of book)
Channon, H. Co., 24 Market
*Chicago Belting Co., 67 S Canal
Chicago Engineers' Supply Co., 112 Lake
Chicago House Wrecking Co., W 35th & Iron
*Chicago Rawhide Mfg. Co., 75 Ohio
Clark Belting & Supply Co., 19 S Canal
Clow, Jas. B. & Sons, 344 Franklin
CRANE CO., Est. 1855, 10 N Jefferson. (See adv. index, end of book)
Crawford, W. H. & Co., 167 Plymouth ct
Crerar, Adams & Co., 11 5th av
Curtis & Co. Mfg. Co., 42 S Canal
*Diamond Rubber Co., 167 Lake
FAIRBANKS, MORSE & CO., cor Franklin & Monroe. (See adv. index, end of book)
*Gould Co., 22 N Canal
*Graton & Knight Mfg. Co., 165 Lake
Gump, B. F. Co., 53 S Canal, Chicago, Ill.
*Gutta Percha & Rubber Co., 96 Lake
*Hamilton Rubber Mfg. Co., 161 Lake

Henion & Hubbell, 63 N Jefferson
*Hercules Mfg. Co., 69 Dearborn
*Home Rubber Co., 83 Lake
*Jewell Belting Co., 175 Lake
***LADEW, EDW. R. (Successor to** Fayerweather & Ladew), 155 E Lake. (See adv. index, end of book)
*Lynch, Edw. & Co., 19 S Canal
Lyon, Samuel & Son, 8 N Canal
McLeod Co., 73 Fulton
McMaster-Davis Supply Co., 160 E Lake
*Main Belting Co., 55 Market
MANNING, MAXWELL & MOORE, 22, 24, 26 S Canal. (See adv. index, end of book)
*Mechanical Rubber Co., 230 Randolph
*Moloney-Bennett Belting Co., 34 S Canal
*Munson, Chas. Belting Co., 88 Franklin
*N. Y. Belting & Packing Co., 150 Lake
*N. Y. Leather Belting Co., 20 S Canal
*Norwich Belt Mfg. Co., 33 N Canal
*Page Belting Co., 16 N Canal
Plamondon, A. Mfg. Co., 57 S Clinton
*Puster Belting & Pulley Co., 13 S Canal
*Revere Rubber Co., 168 Lake
Salisbury, W. H. & Co., 109 Madison
*Schieren, Chas. A. & Co., 84 Franklin
Seehausen, Wehrs & Co., 11 S Canal
Skillin & Richards Mfg. Co., 127 Fulton
SPRAGUE CANNING MACHINERY Co. (of all kinds for Canners, etc.), 42 River. (See adv. index, end of book)
Star Brass Works, 154 Lake
Sterne, G. M. & Son, 1832 S Clark
Street, R. R. & Co., 184 Wash'n
*Summer, Wm. Belting Co., 31 S Canal
*Thomas Belting Co., 48 S Clinton
Thornburgh, H. L. & Co., 251 S Jefferson
Trench, Dan'l G. & Co., 42 River
Walsh, Jno. F., 25 W Lake
Webster Mfg. Co., 1075 W 15th
WELLER MFG. CO., 118 North av. (See adv. index, end of book)
Whitman & Barnes Mfg. Co., 66 S Canal
*Williams, I. B. & Sons, 17 W Lake
Winne, Howard B., 31 S Canal
Wolf, Fred W. Co. (Packing, Pipe, Coverings, etc.), 141 Rees
Woodcock Bros., 32 N Canal
DANVILLE—Conron, Thos. Hardware Co.
DECATUR—Oakes, Wm. L.
FAIRFIELD—Martin, E. A.
GALESBURG—Stilson & Waste
HOOPESTON—Sprague Canning Machinery Co.
KANKAKEE—Norris & Frith
MARSEILLES—Marseilles Mfg. Co.
METROPOLIS CITY—Harris & Cole Bros.
OTTAWA—Jordan, R. C.
Poundstone-Refior Hdw. Co., 115 Main
PEORIA—Bittel, Wm.
Kinsey & Mahler Co.
Peoria Belting Co., 717 S Adams
Stevens Mfg. Co.
PRINCETON—Priestley Hardware Co.
QUINCY—Central Iron Works
Grimm, Oscar E.
ROCKFORD—Blake, J. C. Heating Co.
Savage & Love Co.
SPRINGFIELD—Miller, W. B. & Son

INDIANA.

ATTICA—Green, La Monte M.
CARLISLE—Risinger & Ellis
COLUMBUS—Schwartzkopf, J. G. & Son
EVANSVILLE—Anchor Supply Co., 128 U Water
Evansville Leather & Belting Co., 509 Main
Heilman Machine Works, 127 L 1st
FORT WAYNE—Baltes Supply Co.
Fort Wayne Oil & Supply Co.
Fort Wayne Steam Specialty Co. (Mill & Engine Supplies, Pulleys, Belting, etc.),
Peters, Jno. C. 1322 Erie
Pfeiffer, Henry & Son
Schlatter, C. C. & Co., 38 E Columbia
GOSPORT—Burkett, A. H.
GREENSBURG—Corbett & Rohe
Meek & Wooden
Mendenhall & Spilman
INDIANAPOLIS—Atkins, E. C. & Co., 402 S Illinois
Barry Saw Co., 228 S Penn
Central Rubber & Supply Co., 229 S Meridian
Comstock & Coonse Co., 373 S Meridian
Duckwall-Harmon Rubber & Supply Co., 123 W Maryland
FAIRBANKS, MORSE & CO., 140 S Meridian. (See adv. index, end of book)
*Hide, Leather & Belting Co., 227 S Meridian
Indianapolis Belting & Supply Co., 18 S Capitol av
Knight & Jillson Co., 121 S Penn
Miller Oil & Supply Co., 352 S Meridian
Nordyke & Marmon Co., 1101 W Morris
Smith, W. H. & Co., 38 S Meridian
Taylor Belting Co., 247 S Meridian
Van Camp Hdw. & Iron Co., 128 S Illinois
Vonnegut Hdware. Co., 120 E Wash'n
KNIGHTSTOWN—Parker & Albertson
LAFAYETTE—Johnson-Barnes Hdw. Co.
Reule, Fredk.
LOGANSPORT—Crawford, Isaac N.
Johnson, M. L.
Rice, E. S. & Son
Ullery, S. W. & Son
MARION—Hogin, McKinney & Co.
Marion Hdw. Co.
Price & Co.
MUNCIE—Keiser, Geo. & Co.
RICHMOND—Jones Hdw. Co.
Richmond City Mill Works
TERRE HAUTE—Austin, A. G. & Co.
Smith's, C. C. Sons' Co.

INDIAN TERRITORY.

PURCELL—Beringer Hardware Co.

IOWA.

BONAPARTE—Blackford, W. S. & A. V.
BURLINGTON—Murray Iron Wks. Co.
Stewart & Hayden Co.
CEDAR RAPIDS—Fawcett, C. E.
DAVENPORT—Iowa Plumbing & Heating Co.
DES MOINES—Dempster Mfg. Co., E Court av
Des Moines Mfg. & Supply Co., 121 E
Drake Roofing Co., 213 5th Court av
*Globe Machinery & Supply Co., 416 Court av
Iowa Machinery & Supply Co., 317 Court av
DUBUQUE—Deckert, W. D. Co.
Dubuque Turbine & Roller Mill Co.
Haney-Campbell Co.
McDonald, A. Y. & Morrison Mfg. Co.
ELDORA—Brown Bros. Foundry & Machine Co.
FORT DODGE—Leighton Bros.
HAWARDEN—Brunskill, D.
LE MARS—Pech, Gustave Fdy. & Mfg. Co.
MARSHALLTOWN—Shorthill, A. E. Co.
MORNING SUN—Selzer Hardware Co.
NORTHWOOD—Tenold Bros.
OTTUMWA—McDaniel, C. E.
SIOUX CITY—**CRANE CO. (of Chicago),** (Est. 1855)
WATERLOO—Cutler Hardware Co.
Waterloo Mfg. Co.
WAVERLY—Hohnsbehn, C. & Sons

KANSAS.

ENTERPRISE—Barnard Machinery Co.
ESKRIDGE—Trusler, Wm.
FORT SCOTT—Penneman, A. C. & Son
GLASCO—Davidson, L. F. & Co.
IOLA—Shannon, T. B.
JUNCTION CITY—Muenzenmayer, J. J. & W. F.
LEAVENWORTH—Great Western Mfg. Co.
WICHITA—Rodolf, R. O.

KENTUCKY.

ASHLAND—Henderson, Thos. & Son
HENDERSON—Alves, Thos. D.
Blackwell, P. A. & Co.
LEBANON—Johnston, C. B.
LEXINGTON—Smith, Watkins & Co.
LOUISVILLE—Ahrens & Ott Mfg. Co., 325 W Main
Belknap Hardware Mfg. Co. (Inc.), 121 W Main
CALDWELL, W. E. CO., c Brandeis av & Brook. (See adv. index, page end of book)
Cowan, Andrew & Co., 435 W Main
FAIRBANKS, MORSE & CO., 519 Main. (See adv. index, end of book)
Hite, W. W. & Co., 154 4th
Kentucky Saw Works, 925 W Main
Laib Co., 135 5th
Neill, W. H., 507 W Main
Pyne, W. T. Mill & Supply Co., 1301 W Main
Semple, W. & A. C., 311 W Main
Todd-Donigan Iron Co., 817 W Main
Waters-Garland Co., 423 W Main
OWENSBORO—Guenther, W. & Sons
PADUCAH—Scott Hdw. Co.
SOMERSET—Hunt, L. O.

LOUISIANA.

BATON ROUGE—Doherty Hardware Co.
DONALDSVILLE—Lemann, B. & Bro.
LAFAYETTE—Lacoste Hardware Co.
NEW ORLEANS—Baldwin, A. & Co. (Ltd.), Camp & Common
Bancroft, Ross & Sinclair Co., Tulane & S Hagen avs
Chicago Belting Co., 406 Carondelet
Fairbanks Co., 610 Canal
Gibbens & Stream, 213 Canal
Haubtman & Loeb Co. (Ltd.), 222 S Peters
Kracke & Flanders, 630 Gravier
McArdle, P. H., 514 Camp
Menge, J. H. & Sons (Ltd.), 201 Tchoupitoulas
Murphy, Jno. H., 643 Magazine
Patterson, C. T. & Co. (Ltd.), 404 Carondelet
Payne & Joubert, 423 Carondelet
*Revere Rubber Co., 412 Carondelet
Simonds Mfg. Co. (Ltd.), 201 Magazine
Stauffer, Eshelman & Co., 511 Canal
White, A. H. Co., 532 Gravier
Whitney Supply Co., 200 S Peters
Whitney & Sloo Co. (Ltd.), 108 N Peter
Woodward, Wight & Co., 408 Canal
SHREVEPORT—Henderson, W. K. Iron Works & Supply Co.
Lee Hdw. Co.
Vordenbauman-Eastham Co.

MAINE.

AUGUSTA—Brooks Hardware Co.
BANGOR—Schwartz's, M. Sons, 213 Exchange
Snow & Neally Co.
Taylor, Abner, 122 Exchange
Union Iron Works
BATH—Johnson Bros.
EASTPORT—Martin, E. S. & Son
GARDINER—Decker & Day Hdw. & Coal Co.
LEWISTON—Carman-Thompson Co., 48 Main
Craig & Scott, Canal c Ash
Dickey, H. H. & Son, 136 Main
Hall & Knight Hdw. Co., 53 Lisbon
Stetson, J. H. & Co., 65 Lisbon
Whitney, Geo. A. & Co., 235 Main
MECHANICS FALLS—Penny, J. W. & Sons Co.
PORTLAND—Adde & Co., 59 Kennebec
Barbour, J. & E. R., 8 Exchange
Blake, W. L. & Co. (Inc.), 79 Com'l
Corey, E. & Co., 197 Com'l
Dunton-Chenery Co., 80 Union
Edwards & Walker Co., 5 Monument sq
Emery-Waterhouse Co., 145 Middle
Gerrish, J. J. Supply Co., 41 Com'l
King & Dexter Co., 11 Monument sq
Merrill, T. L. Co., 228 Middle
Portland Rubber Co., 259 Middle
ROCKLAND—Crie, H. H. & Co.
SACO—*Beatty, Janson W. & Co.
WATERVILLE—Claflin, Mark T.

MARYLAND.

BALTIMORE—Aumen Machinery & Supply Co., 316 N Holliday
Boyd Rubber Co., 12 N Charles
Carey Machinery & Supply Co., 117 S Fremont
Central Metal & Supply Co., Holliday & Centre
*Chesapeake Belting Co., 823 McKim
Coggins & Owens, 102 N Frederick
Crook, Horner & Co., 301 N Howard
Cuyler & Mohler, 611 William
Fairbanks Co., 314 North
*Gandy Belting Co., 728 W Pratt
Jordan Supply Co., 419 N Front
Kessel, Henry A. Co., 121 S Gay
Knight, Octavius W., 513 Fdk. av
Mallory, J. D., 430 E Cross
Palmer & Rich Co., 306 N Holliday
Sackett, August J., 5th av & 1st
Schuchts, D. B., 822 E Pratt
Spedden Ship Building Co. (for Steamships, etc.)

Starr, B. F. & Co., 455 North
Stebbins, Wallace & Sons, c Charles & Lombard
CUMBERLAND—McKaig, Merwin (Also Mine)
FREDERICK—Quynn, A. G. & Co.
SALISBURY—Dorman-Smyth Hdw. Co.

MASSACHUSSETTS.

ARLINGTON—Birch, A.
ATHOL—Paige, C. F. & Co.
ATTLEBORO—Gifford. James W. Co.
AYER—Proctor, E. A.
BOSTON—Anderson, Geo. P., 73 Oliver
Avery Chemical Co., 178 Devonhire
Basset, Elmer C., Norfolk Downs, Mass.
*Bay State Belting Co., 119 Franklin
Best, Edw. H. & Co., 224 Purchase
Bestoking Packing & Supply Co., 170 Summer
*Boston Belting Co., 256 Devonshire
Boston Engineers' Supply Co., 56 Purchase
Boston Steam Specialty Co., 168 Congress
Braman, Dow & Co., 239 Causeway
Brown-Wales Co., 69 Purchase
Chesterton, A. W. & Co., 64 India
*Chicago Rawhide Mfg. Co., 139 Congress
Claflin, Chas. A. & Co., 50 High
Dewey, F. O. Co., 28 Canal
Dodge, Haley & Co., 218 High
Eagle Oil & Supply Co., 104 Broad
English, Charles R., 300 Congress
*Fairbanks Co., 44 Pearl
Fitts, Frank E. Mfg. & Supply Co., 88 Purchase
Foley, James & Co., 89 High
Gallisou, Wm. H. Co., 36 Oliver
Garlock Packing Co., 43 High
Gilchrist, Geo. E. Co., 106 High
Greenwood & Daggart Co., 222 Franklin
Hamblet & Hayes Co., 105 Summer
Hardware Agency Co., 36 Pearl
Haskell, Edward H., 176 Federal
Hinds & Coon, 126 Pearl
Hoey, Thomas Supply & Mfg. Co., 401 Atlantic av
Holmes & Blanchard Co., 39 Wash, N
Holt, Shattuck & Co., 45 Wash, N
Hub Wire Cloth & Wire Work Co., 13 Devonhire
Hunt, Henry C. & Co., 32 Oliver
Kessel, Henry, A. Co., 165 Milk
Knowlton, Geo. W. Rubber Co. (Mechanical Rubber Goods & Engineers' Supplies), 33 Broad
Knowlton Packing Co., 75 Pearl
*LADEW, EDW. R. (Successor to Fayerweather & Ladew), 228 Franklin. (See adv. index, end of book)
MacLean Oil & Supply Co., 453 Atlantic av
MANNING, MAXWELL & MOORE, 128 Oliver. (See adv. index, end of book)
Morrison, Wm. A., 34 Oliver
Morton, A. M. & Co., 25 Washington
Mulliken, Chas. F. & Co., 200 Friend
Murphy, Leavens & Co., 28 Exchange
Nightingale & Childs, 310 Congress
Noyes Mfg. Co., 47 India
Otto Gas Engine Works, Old South bldg
Packard, Alonzo & Co., 8 Union
*Page Belting Co., 31 Pearl
Phillips Co., 164 High
Robins Conveying Belt Co., 53 State
Russell, J. H. & Co., 214 Milk
Shackley, W. T. & Son, 49 High
Shultz Belting Co., 114 High
Standard Packing Mfg. Co., 404 Atlantic av
*Stevens, E. E. & Co., 134 Congress
Walworth Mfg. Co., 132 Federal
Wilkinson, A. J. & Co., 180 Wash'n
Worthley, Alfred W., 61 Hampshire
FALL RIVER—Aldrich, E. H., 424 Prospect
American Supply Co., 66 Troy
Borden, Jefferson & Son, 288 Locust
Borden & Remington, 111 Anawan
Buffington, Joseph L., 552 Maple
Covel & Oborn Co., 139 Pleasant
Davis, N. Frank, 78 Bedford
Lord, Henry, 1000 Pleasant
Luther Reed Mfg. Co., 2060 S Main
McLeod, Wm., 114 Pocasset
Neill, Joseph O., 130 Bedford
Sterling Mfg. Co., 116 Pocasset
Sylvester, C. F. & Co., 124 4th
Toohey, Michael J. & Co., 809 Stafford rd
Union Belt Co., 66 Troy
FITCHBURG—Johnson, W. C.
Wachusett Machine Co.
FRANKLIN—Milliken, L. W. & Son
GLOUCESTER—Stoddart, A. P. & Co.
GREENFIELD—Allen's, S. Sons
HOLYOKE—Chase & Cooledge Co., 12 Main
Russell, G. E. & Co., 245 High
Russell, J. & Co., 23 Dwight
Wells, E. D. & Co., 346 Main
LAWRENCE—Austin, M. E. & Co., 205 Essex
Barlow, John W. Co., 81 Holly
Hall, D. S. & Son
McCaffrey, John, 50 Island
Sanborn & Robinson, 327 Essex
Treat Hdw. & Supply Co., 584 Essex
LOWELL—Adams Hardware & Paint Co.
Barker, H. R. Mfg. Co.
Bartlett, W. T. S., 653 Merrimack
Bartlett & Dow, 216 Central
Cady, George L. & Sons, 2 Fletcher
Cheney, F. W. & Co., Earl blk
Coburn, C. B. & Co., 63 Market
Shattuck, Horace B. & Son, 50 Central
Stead Tanning & Supply Co., Lawrence st
Thompson Hardware Co., 254 Merrimack
Wight, M. G. & Co., 67 Middle
LYNN—Harding, J. W. & Co.
Howe, Oliver R., 50 Central sq
NEW BEDFORD—Lowe, S. C. Supply Co., 87 Union
New Bedford Rubber Co.
Slocum & Kilburn, 23 N Water
West, Wm. R., 830 Purchase
NEWBURYPORT—Thurlow, S. H. & Co.
NORTH ADAMS—Burlingame & Darby's Co.
Hardenbergh, Jas. W., 65 Main
PALMER—Buck, E. A. & Co.
PEABODY—Whidden, A. H. & Son
PITTSFIELD—Berkshire Mill Supply Co.
SOMERVILLE—Birch Bros.
SPRINGFIELD—Clark, Simpson
Foot, Homer & Co., Main c State
Graves, Geo. A. & Sons, 324 Main
Hampden Supply Co., 65 Lyman
Hannan & Finton, 19 Sharon
Law, J. Douglas, 260 Main
Selvey-Wyckoff Co., 35 Lyman
Stacy, E. S. Machine Co., 41 Taylor
TAUNTON—Pierce Hardware Co., S Union blk
TURNER'S FALLS—Webster, F. I.
WALPOLE—Rooney, Jno. B.
WORCESTER—Braman, Dow & Co. (of Boston), 7 Wash'n sq
Burlingame, A. Co., 22 Cypress
Crawford & Co., 17 Mechanic
Dixon, Geo. S.
Fairbanks & Boynton Co.
*Graton & Knight Mfg. Co., 58 Bloomingdale rd
Howe, G. S. & A. J. Co., 20 Foster
*Hudson Belting Co., 3 Easton pl
Mason Brush Works, 553 Main
*Warren, J. F. & W. H. Co., 44 Vine
Worcester Rubber Co., 324 Main

MICHIGAN.

ALPENA—Potter Bros.
AUSABLE—Richards, R. A.
BATTLE CREEK—Brockett, L. B. & Son
BAY CITY—Jennison Hardware Co. (also Vessel)
McDonell Hdw. Co.
BIG RAPIDS—Judson, C. P. & Co.
CALUMET—Carlton Hdw. Co. (Also Mining)
CHEBOYGAN—Post, J. J. Hdw. Co.
DETROIT—Anderson-Kenneth Co., 35 Atwater E
Century Supply Co., 439 Guoin
Conkling, S. P., 20 E Atwater
Detroit Engineer Supply Co., 15 Woodward av
Dutton, J. B., 1026 Scotten av
Edwards, H. D. & Co., 16 Woodward av
FAIRBANKS, MORSE & CO., 89 Jefferson. (See adv. index, end of book)
Harvey's, A. Sons Mfg. Co. (Ltd.), 22 1st
Johnson, Jno. & Co. (Pipe & Boiler Coverings), 368 Gratiot av
Kendrick, Ussher Co., 405 Wetherbee bldg
Muzzy-Lyon Co., 58 Woodward av
Ridgley, R. B., 14 Atwater, E
Roe, J. A. & Co., 12 Atwater, E
Sales & Broad Co., 76 Jefferson av
Walker, Jas. & Son, 43 Jefferson av
Wing, J. T. & Co. (Leather), 10 Woodward av
Wormer, C. C. Mach'y Co., 99 W Woodbridge
Wray-Austin Machine Co., 171 Woodbridge
DOWAGIAC—Bishop, Geo. E. Hardware Co.
Onen Hdw. Co.
GRAND RAPIDS—Adams & Hart, 12 W Bridge
Braudy, M. & Sons, 119 W Bridge
Brown & Schler Co., c W Bridge & Front
Grand Rapids Supply Co., 20 Pearl
Hayden, J. M. & Co., 58 Pearl
*Studley & Barclay, 4 Monroe
HOUGHTON—Portage Lake Hardware Co. (Also Mine)
Swift, I. E. & Co. (Also Mine)
IRON MOUNTAIN—Rundle, A. J. (Also Mining)
IRONWOOD—Lesselyoung Hardware Co. (Also Mine)
ISHPEMING—Eggan, Fred J.
JACKSON—Holton & Weatherwax Co.
Smith & Winchester Hardware Co.
Warner Hdw. Co.
LANSING—Michigan Supply Co.
MANISTEE—Miller, Wm.
MARQUETTE—Manhard, M. R.
MARSHALL—Casper Hdw Co.
MENOMINEE—Emerson Supply Co.
Northern Hardware & Supply Co.
MUSKEGON—Howden, J. J. Co.
People's Hardware Co.
Rubinsky, Henry
Towner Hardware Co.
PAW PAW—Waters, H. C. & Co.
PETOSKEY—Raynolds & Rain
PORT HURON—Port Huron Engine & Thresher Works
REED CITY—Callaghan, M. M. Co.
SAGINAW—Michigan Saw Co.
Saginaw Hardware Co.
ST. IGNANCE—Kynoch, Chas. & Co.
SHELBY—McKinnon, A. R.
Rankin, A. J.
SAULT STE MARIE—Soo Hardware Co.
STANTON—Pierson, Jno. W. S. & Co.
TECUMSEH—Satterthwaite Bros.
Whitenack, D. L. & Co.

MINNESOTA.

CLOQUET—Fish, L. A. & Co.
DULUTH—Crane & Ordway Co.
Duluth Hdw. Co.
Kelley-How-Thomson Co.
Marshall-Wells Hardware Co.
Northern Supply Co.
MINNEAPOLIS—Atkins, E. C. & Co., 122 Washington av
Central Supply Co., 314 S 3d
Engineering & Steam Supplies Co., 227 S 3d
FAIRBANKS, MORSE & CO., 220 Nicollet av. (See adv. index, end of book)
Gilmore, Rollins & Co., 515 S 3d
Harris Machinery Co., 1013 S E Wash'n
Howell, R. R. & Co., 728 E 16th
Janney, Semple, Hill & Co., 24 S 2d
Morrison, W. K. & Co., 247 Nicollet av
Northern Machinery Co., 217 S 3d
*Nott, W. S. Co., 202 1st av, S
Plant Rubber Co. (Leather, etc.), 320 1st av, N
Plumbing & Steam Fitting Supplies Co., 214 N 1st
Reeves, Thos. H. Co., 204 Nicollet av
Sandford, Chas. E., 202 Wash'n av, N
Willford Mfg. Co., 303 S 3d
MORA—McIlhargey, S. D.
ROCHESTER—Fox, Irving W.
ST. CLOUD—Dyer & Rosenberger
ST. PAUL—Crane & Ordway Co., 248 E 4th
FAIRBANKS, MORSE & CO., 234 E 3d. (See adv. index, end of book)
*Goodyear Rubber Co., 375 Sibley
Robinson & Cary Co., 4th c Waconta
Western Supply Co., 348 Waconta
THIEF RIVER FALLS—Bailey & Diebold
Red Lake Falls Milling Co.
WINONA—Cone, R. D. & Co.

MISSISSIPPI.

CLARKSDALE—Delta Hdw. Co
JACKSON—McDonnell, Jno. & Son
MERIDIAN—Staple, Geo. W.
NATCHEZ—Feltus Bros.
VICKSBURG—Richardson, Lee & Co.

MISSOURI.

JOPLIN—Freeman, J. W. (Also Mine)
Joplin Supply Co.
McNeal & Co.
KANSAS CITY—Burton, C. A. Machinery Co. (Belting, etc.), 306 Delaware
Byrnes, Jas. W. Belting & Hose Co., 1217 W 19th
CRANE CO. (of Chicago), Est. 1855. (See adv. index, end of book)
Curtis & Co. Mfg. Co., 2201 Wash'n av, St. Louis, Mo.

English Iron Works Co., 410 W 5th
FAIRBANKS, MORSE & CO., 1217 Union av. (See adv. index, end of book)
*Goodyear Rubber Co., 807 Main
Great Western Mfg. Co., 1221 Union av
Gustin-Boyer Supply Co., 1408 W 11th
Lewis Supply Co., 1225 N 10th
Mercantile Lumber & Supply Co., Dwight bldg
Richards & Conover Hdw. Co., 5th c Wyandotte
Strait, H. N. Mfg. Co.
U. S. Water & Steam Supply Co., 1315 W 12th
Young, W. B. Supply Co., 212 Delaware av
MALDEN—Malden Machine Works (also Lumbermen's)
MOBERLY—Faessler, J. Mfg. Co.
ST. JOSEPH—Horigan Supply Co., 209 S 4th
Lewis Supply Co., 115 S 4th
McCord Rubber Co., 111 S 3d
ST. LOUIS—Barry-Wehmiller Machinery Co., 21st & Walnut
Branch Saw Co., 817 N 2d
Byrnes, J. W. Belting & Hose Co., 914 N 2d
*Capen Belting & Rubber Co., 413 N Main
Connor, Thos. J., 417 N Main
Cornelius Mill Furnishing Co., 1119 N 6th
CRANE CO. (of Chicago), Est. 1855. (See adv. index, end of book)
Curtis & Co. Mfg. Co., 2201 Wash'n av
Day Rubber Co., 415 N 4th
Dehner-Wuerpel Mill Building Co., 1607 S 3d
Essmueller Mill Furnishing Co., 605 S 6th
Fisher & Davis, 1024 N Main
FAIRBANKS, MORSE & CO., 8th & Clark av. (See adv. index, end of book)
Handlan-Buck Mfg Co., 212 N 3d
Hartmann, E. Hide & Leather Co., 1905 Shenandoah av
Hazzard, A. B., 615 N 2d
Hirsch, Cal. & Sons Iron & Rail Co., 212 Clark av
Hynson Tool & Supply Co., 11 S 10th
Johnson, Moses P. Machy. Co., 715 N 2d
Johnson, Wm. C. & Sons Mach. Co., 513 N 2d
Kay-Pim Mfg. Co., 2300 N B'way
LESCHEN, A. & SONS ROPE CO. (Belting, Packing etc.), 920 N Main. (See adv. index, end of book)
MANNING, MAXWELL & MOORE, 305 Frisco bldg. (See adv. index, end of book)
*Missouri Belting Co., 120 S Commercial
Nelson, N. O. Mfg. Co., 424 N 8th
*N. Y. Belting & Packing Co. (Ltd.), 218 Chestnut
Norvell-Shapley Hdw. Co., 4th & Wash'n
Powell Co., 500 N 2d
Rumsey, L. M. Mfg. Co. (Belting, Packing, etc.), 806 N 2d
Rumsey & Sikemeier Co., 1900 Pine
Shultz Belting Co., 402 Barton
Spring Belting Co., 715 N 2d
Teuscher & Son Machinery Supply Co., 928 N 2d
Western Iron & Supply Co., 938 N 2d
Whitelaw Bros., 409 N 2d
*Williemsen, Chas Mfg. Co., 810 N 6th
Yerkes & Finan Woodworking Machine Co., St. Louis, Mo.
SPRINGFIELD—Moore Mfg. Co.
WEBB CITY—Webb City Iron Wks.

MONTANA.

ANACONDA—Anaconda Copper Mining Co.
BUTTE—Anaconda Copper Mining Co.
Montana Hardware Co.
HELENA—Holter, A. M. Hardware Co.
MISSOULA—Missoula Mercantile Co., 102 Front

NEBRASKA.

LINCOLN—Cooper & Cole Bros.
Smith, R. L. Machine Wks.
OMAHA—Baum Iron Co., 1223 Harney
CRANE CO. (of Chicago), Est. 1855. (See adv. index, end of book)
FAIRBANKS, MORSE & CO. (of Chicago), 1102 Farnham. (See adv. index, end of book)
Lehmer, Jos. R.
U. S. Supply Co., 1108 Harney
Western Electrical Co.
YORK—York Fdry. & Engine Works

NEW HAMPSHIRE.

BERLIN—Burbank, E. A.
CONCORD—Page Belting Co. (Belting, Hooks, Tools, etc.)
Thompson & Hoague Co.
LAKEPORT—Cole Mfg. Co.
LANCASTER—Thompson Mfg. Co.
MANCHESTER—Felton, S. A. & Son Co. (Brushes)
Hobbs, Alfred K.
Lane, Thos. A. Co.
Manchester Hardware Co.
Varick, Jno. B. Co.
NASHUA—Barr Hardware Co.
Grover, J. B. File Co.
Nashua Hdw. Co., 70 Main
SOMERSWORTH—Sweetser-Sanborn Co.

NEW JERSEY.

ELIZABETH—Bucklacker Bros.
Elizabeth Hardware Co.
JERSEY CITY—Gibbons, Ernest A., Hudson & Morris
Jersey City Supply Co., 12 Mercer
Johnson, Henry Co., Gates av & boul
Perkins, Arthur L., 283 Warren
MADISON—Force, Chas. C. & Son
NEWARK—Banister & Pollard, 206 Market
Conover, J. B. & Co., 47 Mechanic
Crabb, Wm. & Co., Bloomfield av, c Morris Canal
Faitoute, E. C. Hardware Co., 97 Market
Gray, R., Jr., 190 Market
***LADEW, EDW. R. (Successor to** Fayerweather & Ladew), 307 Market. (See adv. index, end of book)
Levy, Nathan, 282 Market
Macknet & Doremus, 796 Broad
Meiers', Jos. Sons, 291 Market
Roe & Conover, 200 Market
***ROSSENDALE - REDDAWAY** BELTING & HOSE CO., Euclid av. (See adv. index, end of book)
Walker, C. W., 274 Market
NEW BRUNSWICK—Weigel, Philip, Jr.
ORANGE—Lindsley, Jno. N.
PATERSON—Cleaver & Leather, 159 Madison
Dempwolf, Chas., Jr., 279 Market
Ferrary & Schauble Co., W 30th n W 18th
Hall, I. A. & Co., 30 Hamilton av
Low, F. Eliot Co., 58 Fair
Paterson Mill Supply Co., 205 Paterson
Patterson, Reed & Harness Co., 120 Van Houten
Quackenbush & Son
Quinn Bros.
Ulrich & Co., 60 Railroad av
Van Winkle, J. A. Co.
Walder, Jacob, 188 River
PERTH AMBOY—Elizabeth Hardware Co.
McCormack, W. H.
TRENTON—*Crescent Belting & Packing Co., Taylor et
Hunt, Jas. B. Mfg. Co., Richey bldg
Katzenbach, F. S. & Co., 35 E State
Lanning, G. W., 10 Bank
Warren, Balderston & Co., 16 S Broad
WEEHAWKEN—Berger, Edw. W. & Bro.

NEW YORK.

ALBANY—*Albany Belting & Supply Co., 372 B'way
Fairbanks Co., 364 B'way
Stoneman, M. G. & Son, 414 B'way
Wheeler & Wilson Mfg. Co., 94 Hudson av
AMSTERDAM—Gardiner, E. W. Co.
Kolb, Frank E.
BINGHAMTON—Gaylord & Eltapence Co.
Morse, E. W. & Co.
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Beals & Co., 46 Terrace
*Bickford & Francis Belting Co., 53 Exchange
Boston Belting Co., 90 Pearl
Budd, T. A., Ellicott sq
Buffalo Belting Works, 139 Wash'n
Buffalo Mercantile Co., Ellicott sq
Buffalo Mill Supply Co., 240 Main
Buffalo Wholesale Hdw. Co., Wash c S Division
Case, W. A. & Son Mfg. Co., 31 Main
Fairbanks Co., 210 Main
*Goodyear Rubber Co., 48 Exchange
Graton & Knight, 292 Main
Hall & Kemp, 626 Main
Hendee, A. M., Erie Co. Bank bldg
Hoffeld, R. & Co., 61 Carroll
Iroquois Rubber Co., 45 Pearl
JEFFREY MFG. CO., 202 Main. (See adv. index, end of book)
Leech, H. W. Rubber Co., 18 Swan
McCutcheon, C. H., 18 Ohio
Newman, W. H. H. & Co., 70 Main
Niagara Railway & Mill Supply Co.
Noye Mfg. Co., 50 Lakeview av
Peerless Belting Co., 41 Pearl
Plumbers' & Steam Fitters' Supply Co., 246 Main
Prinz & Rau Mfg. Co., Ellicott sq
Ruckel, J. H. & Son, 81 Main
Squier, Geo. L. Mfg. Co., 490 B'way
Walbridge & Co., 392 Main
Weed & Co., 292 Main
CARTHAGE—Strickland, J. E. & Son
Wing, F. M.
COHOES—Cheydieur, J. B. Co.
Kavanaugh, Geo. W.
Laughlin, Edwin B.
Laughlin, John
Sutherland, Dan'l M.
Sweet & Doyle
GLENS FALLS—Kalbfleisch, Theo. F.
GLOVERSVILLE—Batcheller, E. S. & Co.
Sowle, J. E.
GOUVERNEUR—Cutting & Perrin
HAVERSTRAW—Lane, Chas. R.
ITHACA—Treman, King & Co.
JAMESTOWN—Clarke Hdw. Co.
KINGSTON—Canfield Supply Co.
LITTLE FALLS—Taylor, Jno. R. & Co.
LONG ISLAND CITY—(See New York, Borough of Queens)

NEW YORK CITY

Borough of Brooklyn.

BROOKLYN—Birkitt, W. H., 68 Myrtle
Brown, Jas. H., 7 Wash'n av
Clinton Mfg. Co. (Jno. Ross, Prop.), 83 Grand av
Jacobs, Geo. P. & Co., 276 S 9th
Kiley, Thos. W. & Co., 57 Grand
Knight, Thos. G., 359 Pearl
Livingston, Wm. & Frank L., 193 Berry
Long Island Machinery Co., 7 Wash'n av
McElraevy & Hauck Co., 440 B'way
Morse Iron Works & Dry Dock Co., ft 58th
Munkenbeck Bros., 88 Hamilton av
Phillips, Doup Co., 56 Pearl
Simpson, J. S. & G. F., 26 Rodney

Boroughs of Manhattan & Bronx

NEW YORK—Armstrong, Walls & Co., 82 Centre, N. Y.
Beals, H. H., 51 Cliff
Beggs, Jas. & Co., 109 Liberty
Behringer, Edw. A., 80 Warren
Benjamin, Geo. P., 81 Fulton
Bradford Belting Co., 38 Dey
Callahan, Geo. & Co., 218 Front
Charles' Mill Supply Co., 15 S William
Cornell & Underhill, 47 Beach
CRANE CO. (of Chicago), Est. 1855, 490 Cherry. (See adv. index, end of book)
De Ronde, Frank S. Co., 46 Cliff
Dienst, A. P. & Co., 2604 3d av
Dimock & Fink Co., 220 E 125th
Donegan & Swift, 6 Murray
Fairbanks Co., 186 Elm
FAIRBANKS, MORSE & CO., 133 Liberty. (See adv. index, end of book)
Fay Belting Co., 3 Jacob
Fox Bros. & Co., 24 Vesey
Frasse Co., 38 Cortlandt
Gibbons, Jas. & Son, 412 West
Gibbons, Jno. V., 133 Greenwich
*Goodyear Rubber Co., 787 B'way
Greene-Tweed & Co., 17 Murray
Hiscox, W. T. & Co., 95 Liberty
Howe, Alfred H., 49 Warren
Katzenstein, Leopold, 357 West
KAY, WM. H. CO., 244 Fulton.
Keasbey, Robt. A., 100 N Moore
Kessel, Henry A. Co., 54 South
***LADEW, EDW. R. (Successor to** Fayerweather & Ladew), 91 Liberty. (See adv. index, end of book)
Leonard & McCoy, 161 Wash'n
LESCHEN, A. & SONS ROPE CO. (Belting, Packing, etc.), 163 Wash'n. (See adv. index, end of book)

McCoy, Henry J. (Mfrs.' Agt.), 65 Dey
MacSorley Co., 44 Manhattan
MANNING, MAXWELL & MOORE, 85, 87 & 89 Liberty. (See adv. index, end of book)
Marine Mfg. & Supply Co., 157 South
Miller & McLean, 120 Liberty
Mitchell-Bissell Co., 38 Murray
Motley, Thornton N., 12 John
Mulholland, Jos. P., 152 Centre
Murray, R. & H. J., 24 Duane
Nason Mfg. Co., 71 Beekman
*New York Belting & Packing Co., 253 B'way
Parker, Stearns & Sutton (Ltd.), 228 South
Patterson Bros., 27 Park Row
Patterson, Gottfried & Hunter (Ltd.), 146 Centre
Pollock, Alex. Co., 203 West
Quinlan, Jas. & Co., 120 Liberty
Roberts, Geo. I. & Bros., 471 4th av
Robertson, Jas. L. & Sons, 204 Fulton
Rogers, J. F., 44 Dey
Rumsey Pump & Machine Co., 35 Dey
Saunderson & Wright, 465 W B'way
Schule, F. H. Co., 27 Thames
Sherman-Brown-Clements Co., 52 Dey
Schuitz Belting Co. (of St. Louis, Mo.), 113 Liberty
SIMMONS, JNO. CO., 110 Centre
Smith, Thos. F. & Co., 16 Cedar
Southwick, Geo. W. Co. (Inc.), 90 Centre
Standard Scale & Supply Co., 136 W B'way
Strong Machinery & Supply Co., 2 Murray
Sullivan, Peter, 183 Christopher
*Urquhart's, Jno. S. Son Co., 46 Cortlandt
Vanvechten & Co., 44 Dey
Welch, Holme & Clark Co., 381 West
WHITMAN & BARNES MFG. CO., 111 Chambers. (See adv. index, end of book)
Wilson, O. C. & K. R., 70 West

Borough of Queens.

LONG ISLAND CITY—Brodie, Wm., 31 Vernon av
Petry, Jno. W., 63 Vernon av

(END OF NEW YORK CITY.)

NIAGARA FALLS—Elderfield-Hartshorn Hardware Co.
NORTH TONAWANDA—Knapp Hardware Co.
OGDENSBURG—Nash Bros. & Co.
ONEIDA—Cramer & Carpenter
OSWEGO—Oswego Tool Co.
PEEKSKILL—Naylor Bros.
Wessel, W. F.
POUGHKEEPSIE—Dobbs, Chas. E.
ROCHESTER—*Cross Bros. & Co., 114 Mill
Davis, W. P. Machine Co., 130 Mill
Estes Mfg. Co., 301 State
Forster Jno. M. Co., 42 Andrews
Mathews & Boucher, 26 Exchange
Sloan, Saml. & Co., 71 Exchange
ROME—Jackson, Chas. H.
Raffauf & Hyde
Townsend, Jno. Sons
Wardwell Hdw. Co.
SENECA FALLS—Rumsey & Co. (Ltd.) (Inc.)
SYRACUSE—Fairbanks Co., 251 W Fayette
Howlett, Frank C., 212 S Clinton
Joy, Edw., 133 Market
McClure, R. C. Co., 329 S Clinton
Syracuse Supply Co. (Ltd.), 314 W Fayette
Tobin, Wm. N., 407 S Clinton
WHITMAN & BARNES MFG. CO. 216 Wyoming. (See adv. index, end of book)
Wood, C. H. Co., 401 S Clinton
TROY—*Barnum Bros. Co., 179 River
Horan, Jas. J. & Co., 225 River
Klock, Danl., Jr., & Co., 10 B'way
*Pine & Co., 745 3d av
*Troy Belting & Supply Co., 6 Grand
Warren, J. M. & Co., 245 River
Wheeler & Wilson Mfg. Co., 456 Fulton
UTICA—Millar, Chas. & Son Co.
Radell & Bowman, 42 Lafayette
Roberts-Luther Co., Martin bldg
True Belting Co., 16 Genesee
Williams, J. H. Co., 6 Devereaux
WATERTOWN—Conde, W. W.
Hunting Co.
Spratt & Corcoran

NORTH CAROLINA.

ASHEVILLE—Asheville Hdw. Co.
Asheville Supply & Foundry Co.
CHARLOTTE—Alexander & Garsed
Charlotte Supply Co.
Cramer, S. W.
General Fire Extinguisher Co.
***LADEW, EDW. R. (Successor to** Fayerweather & Ladew), 212 So. College. (See adv. index, end of book)
Liddell Co. (Inc.)
Mecklenburg Iron Works
Robbing, O. A.
Textile Mill Supply Co.
Tompkins, D. A. Co.
GOLDSBORO—Dewey Bros.
GREENSBORO—Clymer, L. M.
Greensboro Supply Co.
Odell Hdw. Co.
HENDERSON—O'Neill, M. J.
HIGH POINT—High Point Machine Works
NEWBERN—Gaskill Hardware & Mill Supply Co.
Hyman Supply Co.
RAEFORD—Raeford Hdw. Co.
SALISBURY—Salisbury Supply & Commission Co.
WASHINGTON—Fulford, N. S. Hdw. Co.
WILMINGTON—Whitlock, Chas. M.
Wilmington Iron Works.

NORTH DAKOTA.

FARGO—Hall-Robertson Hdw. Co.
Harrington, Hubert
JAMESTOWN—Chenery & Anderson

OHIO.

AKRON—*Akron Belting Co. (Belting, Hose, etc.)
Morgan & Bunnell Co.
Rohrbacher & Allen
Standard Hardware Co.
WHITMAN & BARNES MFG. CO., (See adv. index, end of book)
ALLIANCE—Kay, Chas. Y.
ASHTABULA—Crosby Hdw. Co.
McKinnon, W. S.
Paine Bros.
Turner & Smith
BUCYRUS—Blair, E.
Picking, D. & Co.
CADIZ—Ward, W. G.
CAMBRIDGE—Carlisle & Grimes
CANTON—Canton Hdw. Co.
Canton Supply Co., 212 E 8th
Fisher Mill & Mine Supply Co.
Miller Co.
CINCINNATI—*American Oak Leather Co., Kermer & Dalton av
Bell, Thos. J., 53 Main
Boebinger Hdw. Co. (also Hardware), 315 E Pearl
*Bradford Belting Co., Walnut & 2d
Buchanan, Thos. & Co., 216 Elm
Cattell, A. C. Co., 604 Vine
Cincinnati Mill & Mine Supply Co., 227 W 5th
Cleveland Rubber Works, 612 Race
Crane-Hawley Co., Sycamore c Canal
Devou, V. N. & Co., 506 Central av
Dodge Mfg. Co., 128 W 3d
Eagle Counter & Leather Co., 416 E 8th
Economy Machinery Co. (Jno. H. Flynn, Prop.), 428 E Pearl
FAIRBANKS, MORSE & CO., 307 Walnut. (See adv. index, end of book)
Fewlass-Leen Brass & Iron Co., 456 E 2d
German-Russell Co., 222 E 9th
Johnston, Wm. T. Co., 522 Main
Kinsey, E. A. Co., 331 W 4th
Kramig, R. E. & Co., 415 E Pearl
Laidlaw-Dunn-Gordon Co., 211 W 4th
McGowan, Jno. H. Co., 54 Central av
Merkel Bros., 318 W 3d
Nuhring, Chas., 907 Walnut
Ohio Rubber Co., 612 Race
Pickering Hardware Co.
Preslar-Crawley Mfg. Co., 219 W 2d
Queen City Supply Co., 201 W Pearl
Rowe & Trunnel, 123 W 2d
Straub Machinery Co., 1956 W 6th
Thompson, Walter M., 835 W 5th
Uihlein, Julius & Co., 134 W 2d
CLEVELAND—**BARTLETT, C. O. &** Snow Co. (See adv. index, end of book)
Bingham, W. Co., 150 Water
Bodifield Belting Co., 24 S Water
Boston Woven Hose & Rubber Co. (of Boston, Mass.), 26 S Water
Cleveland Tool & Supply Co., 8 S Water
Consumers' Rubber Co. (Rubber, etc.), 190 Bank
FAIRBANKS, MORSE & CO., 99 Water. (See adv. index, end of book)
McIntoh Hardware Corpn., 116 Superior
MANNING, MAXWELL & MOORE Williamson bldg. (See adv. index, end of book)
*Martin Raw Hide Belting Co., Spruce & Mulberry
National Supply Co., New Eng bldg
Ohio Rubber Co., 206 Superior
Pattison, W. M. Supply Co., 277 St. Clair
Philpott & Talcott, 190 Seneca
STRONG, CARLISLE & HAMMOND Co., 61 Frankfort. (See adv. index, end of book)
White, Frank C. Tool & Supply Co., 137 Bank
Williams, R. A. & Co., 55 S Water
COLUMBUS—Andrews & Barnes, 45 W Broad
Capital City Machine Works, 120 W Spring
Case Mfg. Co., Curtis av n St. Clair av
Columbus Mill & Mine Supply Co. (Also Mine), 121 S High
Columbus Supply Co., 161 N High
Miller, Wm. H. Co., 83 W Broad
Potts, B. D., 33 E Spring
Potts, W. B. Machinery Supply Co., 25 N Scioto
Sackett Mine Supply Co., 77 E Long
Smith Bros. Hdw. Co.
DAYTON—Bartheimy, Walter L.
Dayton Rubber & Mill Supply Co.
Dayton Supply Co.
Gump, Charles A.
More, John R.
Patterson Tool & Supply Co.
Roney & Shearer
Weed & Co.
DEFIANCE—Defiance Machine Works
Kehnast, W. A. Co.
EAST LIVERPOOL—Milligan Hdw. & Supply Co.
FINDLAY—Went Bros.
GALION—Freese, E. M. & Co.
HAMILTON—Hamilton Supply Co.
KENTON—Cantwell, Kinsey & Elder
MARIETTA—Ohio Valley Supply Co.
MARION—Kling & Wilson
Marion Supply & Oil Co.
PORTSMOUTH—Hibbs Hardware Co.
RAVENNA—Waller, C. M.
ST. MARYS—St. Marys Machine Co.
SALEM—Salem Hardware Co.
SPRINGFIELD—Springfield Hdw. Co., 36 E Main
Victor Supply Co.
TOLEDO—Arbuckle, Ryan & Co.
Grosswiller, Jos. F. Supply Co.
Hardy & Dischinger Co.
National Supply Co., 1 St. Clair
Toledo Rubber Co.
Toledo Supply Co.
Wilcox, M. I. Co.
YOUNGSTOWN—Morris Hardware Co.
Stambaugh-Thompson Co.
Wilkins-Leonard Hardware Co.

OREGON.

ALBANY—Albany Iron Works (Inc.)
BAKER CITY—Basche-Sage Hardware Co.
GRANITE—Lindsay, Guy L. (Also Mine)
GRANT PASS—Hair-Riddle Hdw. Co. (Also Mine)
PORTLAND—Arthur, J. M. & Co., 40 1st
Atkins, E. C. & Co., 60 1st
Avery & Co., 82 3d
Christenson Machinery Co., E Water c E Taylor
Corbett, Failing & Robertson (Inc.), 84 Front
CRANE CO. (of Chicago), Est. 1855. (See adv. index, end of book)
Crofut-McAyeal Co., 49 1st
FAIRBANKS, MORSE & CO., 1st Stark. (See adv. index, end of book)
Gauld & Kline Co., 44 1st
Gillen-Chambers Co., 66 Front, N
Goodyear Rubber Co., 73 1st
Hammond Mfg. Co., 100 1st
Long, A. G., 170 2d
Mitchell, Lewis & Staver Co., 1st c Taylor
Noon, W. C. Bag Co., 28 1st, N
Pacific Coast Rubber Co., 41 1st
Portland Iron Works, 495 Northrup
Simonds Mfg. Co., 85 1st
Tatum & Bowen, 29 1st
Williamet Iron & Steel Works, 123 3d

PENNSYLVANIA.

ALLEGHENY—Ayres, N. G. Co., 867 Main
ALLENTOWN—Albright, Son & Co.
Allentown Reed, Harness & Mill Supply Co.
Grammes, L. F. & Sons
Hersh, F. Hardware Co.
Sieger, Frank G.
Taylor, William H. & Co.
Young, M. S. & Co.
ALTOONA—Standard Supply & Equipment Co.
BEAVER FALLS—Brierly, F. F.
BLUE BALL—Shirk, P. E.
BRADFORD—Emery, L., Jr. & Co.
Oil Well Supply Co.
BUTLER—Campbell, J. G. & W.
CATASAUGUA—Graffin Bros.
CHESTER—Howland, Wm. O.
Nuttall, Geo.
Riley, Benj. F.
Wilby, Thos.
CONSHOHOCKEN—Bate, Wm. T. & Son
CORRY—Ajax Iron Works
Barlow Hdw. Co., Ltd.
DUBOIS—Dubois Iron Works (Also Mine)
EASTON—Easton Foundry & Machine Co.
ERIE—Erie Mfg. & Supply Co.
FRANKLIN—Maloney, Geo. (Oil Wells)
HARRISBURG—Compton, S. R.
Gilbert, Henry & Son
McKillips, A.
Mather, Edmond
HAZLETON—Barber, J. F. & Co.
Bright, J. C. & Co.
Hazleton Machinery & Supply Co. (Also Mine)
Woodring, Jeremiah & Co. (Also Mine)
JOHNSTOWN—Johnstown Supply House (Ltd.) (Also Mine)
Swank Hdw. Co.
KINGSTON—Roat, A. J. (Also Mine)
LANCASTER—Central Machine Works
Reilly Bros. & Raub
Steinman Hdw. Co.
LEBANON—Krause, Geo. Hardware Co.
LEWISBURG—Dreisbach's, C. Sons
MANHEIM—Manheim Mill Works
MEADVILLE—Gill, D. A.
Rhodes, I. M. & Co.
MUNCY—Sprout, Waldron & Co.
NEW CASTLE—Dickson & Co.
Smith, C. E. Hdw. Co.
NORRISTOWN—*Keystone Leather Belting Works
OSCEOLA MILLS—Stein, S. B. & Son (Mine Supplies a Specialty)
PEN ARGYL—Correll, R. S. (also Mining Supplies)
PHILADELPHIA—*Alexander Bros., 410 N 3d
Arny, C. W. & Son, 228 N 3d
Beckford, H. & Co., Phila. Bourse
Belfield, H. & Co. (Packing, Hose, Cement, etc.), 435 N Broad
Bell, H. E., 212 Church
Bickerton, T. B., 12 N 5th
Bickford Drill & Tool Co., Phila. Bourse
Billany & Cochrane, 527 Commerce
Billington, Jas. H. Co., 113 Chestnut
Blakeley, Jno. & Son, 1085 Gtn av
Bond, Chas., 520 Arch
Bourse Exhibition, 4th & 5th, between Chestnut & Market
Bowen & Martin, 112 S 2d
Bowman, H. L. & Co., 31 S 4th
Boyd, Jas. & Bro. (Leather, etc.), 14 N 4th
Boynton & Plummer, Phila. Bourse
Brown & Sharpe Mfg. Co., Phila. Bourse
Bullock, C. K., 1357 Ridge av
Cloud Mfg. Co., 138 N 6th
CRANE CO. (of Chicago), Est. 1855, 220 S 5th. (See adv. index, end of book)
Crees, H. A., 212 Church
Deronde, Frank S. Co., 221 N 4th
Etsweiler, Wm. (Leather, etc.), 230 N 3d
Fairbanks Co., 701 Arch
Freeland Supply Co., 182 W Lehigh av
Glaser Mfg. Co., 330 E Girard av
*Graton & Knight Mfg. Co., 132 N 3d
Haines, Jones & Cadbury Co., 1136 Ridge av
Hall, Wm. E., 1629 N 10th
Harley, H. W., 2515 Gtn av
Houghton, E. F. & Co., 240 W Somerset
Insley, John E., 13 N 6th
Jenkins Bros., 133 N 7th
Kessel, Henry A. Co., 12 N Del av
Lackey, Hopkins & Perkins Co., 136 Chestnut
***LADEW, EDW. R. (Successor to** Fayerweather & Ladew), 16 S 3d. (See adv. index, end of book)
Latimer, R. L. & Co., 31 N Front
Latta, John S. & Co., 1215 Arch
Leatheroid Mfg. Co., 106 N 10th
Levick's, Richard Son & Co. (Rubber Belting, Hose, Packing, etc.), 720 Chestnut
McComb, A. M., 116 N 3d
MacMahon, Peter, 219 Arch
*Main Belting Co., 1219 Carpenter
MANNING, MAXWELL & MOORE, 721 Arch. (See adv. index, end of book)
Manufacturers' Supplies Co., 418 Arch
Montgomery Bros., 48 N Front
Mulconroy Co. (Inc.), 1213 Market
National Mill Supply Co., 245 Market
Naumann Hardware & Supply Co., 4324 Germantown av
Nicholson & Renwick, 257 N 10th
Paulus, Jos. C. & Co., 415 Commerce
Pechin, Jno. W., 124 N 3d
Penn Rubber Co., 229 Market
Powell & Maddock, 40 N 6th
Quaker City Rubber Co. (a full line, also Mfrs. of Daniel's P. P. P. Packing), 409 Market
Rainear, C. J. & Co., 518 Arch
Restein, Clement & Co., 139 N 2d
*Rhoads, J. E. & Sons (Leather, etc.), 239 Market
*Schieren, Chas. A. & Co., 226 N 3d
Sees & Faber, 2008 N Front
Shultz Belting Co., 116 N 3d
Simonin-Conrad Co., Kensington av c Nicetown la
Smith, Jas. & Co., 421 Race
Spaulding & Metcalf, 532 Arch
Standard Supply & Equipment Co., 1710 Market
Steel, P. R., 609 Commerce
Townsend, Isaac, 1217 Filbert
Tucker & Staehle, 161 E Allen
Vance, Jas. M. & Co., 211 Market
Webb-Sanford Co., 43 N 7th
Williamson & Cassedy, 526 Market
Wise & Bailey, Front c Race
PHOENIXVILLE—Benjamin, N. H. Co.
PITTSBURG—Bindley Hardware Co., 429 7th av
Bollinger Bros., 133 1st av
Briggs Machinery Co., 4th & Liberty av
Childs, H. L. & Co., 249 Water
Fairbanks Co., 238 3d av
Flocker, Jno. & Co., 935 Liberty av
Force Machinery Co., 2966 Fredk.
Frick & Lindsay Co., 109 Wood
Gem Mfg. Co., Spruce nr 33d
Gerwig, Henry & Sons, 1301 Penna. av
*Hartley-Rose Belting Co., 634 Smithfield
Heyl & Patterson, 51 Water
Hukill, Hunter Co., 311 1st av
Irwin, Chas. E., Keystone bldg
Johnston, Morehouse & Dickey (Also Mine), 106 Market
***LADEW, EDW. R. (Successor to** Fayerweather & Ladew), 128 2d av. (See adv. index, end of book)
Logan-Gregg Hdw. Co., 125 7th
McClintock & Irvine Co., Neville & P. R. R.
McIlwain, J. D. & Co. (Belting, Packing, etc.), 208 3d av
MANNING, MAXWELL & MOORE, Park bldg. (See adv. index, end of book)
Phillips, J. & H., 136 6th
Phillips Mine & Mill Supply Co., S 23d & Mary
Pittsburg Gage & Supply Co., 309 Water
Pittsburg Rubber & Leather Co., 10 Wood
Pittsburg Supply Co., 439 Water
*Revere Rubber Co., 2 Wood
Sherriff Machinery & Supply Co., 206 2d av
Somers, Fitler & Todd Co., 327 Water
Speck, Marshall & Co., 110 Wood
Standard Scale & Supply Co. (Ltd.), 211 Wood
Standard Supply & Equipment Co., 811 Liberty av
Turner, Chas. A., 14 Market
Woodwell, Jos. Co., 201 Wood
POTTSTOWN—Fegely, J. & Son
POTTSVILLE—Bright & Co.
Pottsville Supply Co. (Principally Mine)
READING—Bard Hardware Co., 800 Penn
Bright & Co., 504 Penn
Connard, Henry, 6th & Chestnut
Greth Machine Wks. ("Luc"), 627 Franklin
Haag, A. W. & Co., 238 Walnut
Obold, J. H. & Co.
Reading Scale & Machine Co.
Stichter Hdw. Co. (Ltd.)
ST. CLAIR—Daddow & Beadle (Principally Mine)
SCRANTON—Beckwith, C. F. & Co. (Also Mine), Dime Bank bldg
Bittenbender & Co., 126 Franklin av
Connell Hdw. Co., 118 Penn av
Foote & Shear Co., 119 N Wash'n av
Fuller, Geo. W. S., 525 Lacka av
Lackawanna Supply Co.
Levi, Beno C., 409 Penn av
Potter, L. B. & Co., 424 6th
Scott, Chas. B., 119 Franklin av
Scranton Mercantile Co.
*Scranton Supply & Machinery Co., 131 Wyo. av
SHARON—Fruit-Ohl Co. (Also Foundry & Blast Furnace Supplies)
TITUSVILLE—Kernochan & Co.
TUNKHANNOCK—Billings, Paul & Sons
UNIONTOWN—Johnson Machine Co.
WARREN—Pickett Hdw. Co.
WILKESBARRE—Penna. Supply Co.
Phelps, Straw & Co.
WILLIAMSPORT—Darling Pump & Mfg. Co. (Ltd.)
Keeler, E. Co.
Slate's, Geo. Sons
U. S. Machine Co.
Valley Iron Works
YORK—Farquhar, A. B. Co. (Ltd.)
Small, P. A. & S. Co.
Spangler Mfg. Co.

RHODE ISLAND.

EAST PROVIDENCE—Humes Mfg. Co.
PAWTUCKET—Blackstone, Reed & Harness Co.
*Bucklin, C. R. Belting Co.
McKenna, O. E.
Sawyer Hardware & Supply Co.
*Weatherhead, Thompson & Co.
PROVIDENCE—Allen & Reed (Inc.), 125 Eddy
*American Supply Co., 11 Eddy
Brown Bros. Co., 62 Ex. pl
*Burgess, A. & Son, 692 N Main
Chase, F. A. & Co., 253 W Exchange
Church, E. C. & Co., 5 Eddy
Conlin, J. C., 47 Wash'n
General Fire Extinguisher Co., Union Trust bldg
Gowdey, J. A. Reed & Harness Mfg. Co., 40 Clifford
Hope Rubber Co. (All Kinds of Rubber Goods, etc.), 97 Westminster
Manufacturers' Supply Co., 105 Orange
*Providence Belting Co., 25 Charles
Purchasing Co., 320 Butler Ex
Rhode Island Supply & Engineering Co., 156 W Exchange
Ross, W. D., 220 Eddy
Spencer, Wilton H., 7 Ex. pl
Standard Mill Supply Co., 39 Ex pl
Talcott, W. O., 91 Sabin
Taylor, Chas. F., 15 Custom House
Thomas & Lowe Machinery Co., 66 W Exchange
Thornton Machinery Co., 23 Exchange pl
U. S. Mill Supply Co., 60 S Water
Vanstone Mfg. Co., Harrison c Westfield
Warner, Wm. D., 50 Ex. pl
WOONSOCKET—Coburn, Fred. S., 243 Main
Darling, Chas. H.
Farman, J. B.
Getchell, S. S. & Son, 44 S Main
Green, Henry M., 6 S Main

SOUTH CAROLINA.

CHARLESTON—Bailey-Lebby Co.
Bird, W. M. & Co.
Cameron & Barkley Co.
Franke, C. D. & Co.
Pitcher, C. S.
Valk & Murdock Iron Works
COLUMBIA—Gibbes Machinery Co.
Lorick & Lowrance
GREENVILLE—Carolina Supply Co.
Wilkins, Poe & Co.
SPARTANBURG—Charlotte Supply Co.
Ezell, S. B.
Montgomery & Crawford
Spartanburg Machinery Co.
WOODRUFF—Westmoreland, W. B. & Co.

SOUTH DAKOTA.

RAPID CITY—Congdon, G. S. Hdw. Co.

TENNESSEE.

CHATTANOOGA—Chattanooga Saw Works, 521 Broad
Fritts, Tom Hdw. Co., 715 Market
James & Co., 101 W 8th
Magill Hdw. Co., 729 Market
Wheland Machine Works
COVINGTON—Walker, M. A.
JACKSON—Southern Engine & Boiler Works
JOHNSON CITY—Summers, Barton & Parrott
KNOXVILLE—Luttrell, S. B. & Co.
McClung, C. M. & Co.
Savage, W. J.
Southern Brass & Iron Co. (also Mine)
MEMPHIS—Atkins, E. C. & Co., 195 Main
Bailey, J. A. & Co., 336 2d
Brown & Borum, 254 2d
Chickasaw Iron Works, 2d & Winchester
Coffin, J. H. & Co., 228 Front
Ellis, Wm. C. & Sons, 439 Shelby
Lee Bros., 292 Front
Livermore Iron & Supply Store, 229 2d
Manogue Pidgeon Iron Co., 226 2d
Memphis Belting Co., 148 Front
Riechman-Crosby Co., 326 Front
Thomas, Barnes & Miller, 395 Main
Towner & Co., 340 Main
NASHVILLE—Fall, J. H. & Co., 317 N College
Keith, Simmons & Co., 309 N College
Union Machine Co.
TULLAHOMA—Lawson, T. D.
McCoy, H. & Co.

TEXAS.

ABILENE—Leavell, S. H.
AUSTIN—Tips, Walter
BEAUMONT—Simmons Hdw. Co.
BRENHAM—Roff & Miller
DALLAS—Briggs Weaver Machinery Co.
Dallas Mill & Gin Supply Co.
Keating Implement & Machine Co.
Wolfe, B. F. & Co.
Young, Heintz & Co.
DENISON—Hall-Leeper Hardware Co.
EL PASO—Mine & Smelter Supply Co.
Pass City Foundry & Machine Co.
FT. WORTH—Abbott, Jno. T. Machinery Co.
Brown, T. M. & Co.
Texas Mfg. Co.
GALVESTON—Blum Hardware Co.
Brown, J. S. Hardware Co.
HOUSTON—Barden Electric & Machinery Co.
Bering-Cortes Hardware Co.
Heitman, F. W. & Co.
Peden Iron & Steel Co.
Smith, Howard Co.
PALESTINE—Dilley, George M. & Son
PARIS—Collins & Dulaney
SAN ANTONIO—Alamo Iron Works
Gunther Foundry, Mach. & Supply Co.
San Antonio Mach. & Supply Co.
TYLER—Connally, Walter & Co.
WACO—June, D. & Co.
Kellett-Chatham Machinery Co.

UTAH

SALT LAKE CITY—**CRANE CO. (of Chicago)**, (Est. 1855). (See adv. index, end of book)
FAIRBANKS, MORSE & CO., 218 S W Temple. (See adv. index, end of book)

VERMONT.

BARRE—Barre Supply Co.
BURLINGTON—Lang & Goodhue Mfg. Co.
CHESTER DEPOT—Davis, E. J.
MONTPELIER—Deming Hdw. Co.
RUTLAND—Lincoln Iron Works
Steam Stone Cutter Co.
WINOOSKI—Stevens Machine Co.

VIRGINIA.

DANVILLE—Westbrook, J. B. Foundry & Machine Co.
FARMVILLE—Farmville Mfg. Co.
HARRISONBURG—Thomas & Co.
LYNCHBURG—Ainslie & Martin
Barker-Jennings Hdw. Co.
Lumley-Dodson Co.
NORFOLK—Lumley-Dodson Co.
Mayer & Co.
Perry, Theo. A.
Porter-McNeal Co.
Price, S. M. Machinery Co.
Southern Supply Co., 271 Water
Taylor, W. H. & Co.
Walke, Henry Co.
Westbrook, Jno. D.
White, E. V. & Co.
PETERSBURG—Leonard, Charles
Stratton-Bragg Co.
PULASKI—Pulaski Hdw. Co.
RICHMOND—Chick, G. Horatio, ft 14th
Frishkorn, Hunter B., 812 E Cary
Gordon Metal Co., 1426 E Cary
Grant, W. E.
Lindsay, John L., 1417 E Main
McGraw, James, 1442 E Main
Smith-Courtney Co., 1418 E Cary
Southern Railway Supply Co.
SUFFOLK—Folk, E. L. & Co.

WASHINGTON.

BALLARD—Hopkins, Paul & Son
EVERETT—Agnew Hdw. Co.
Summer Iron Works (Inc.)
OLYMPIA—Mason, C. Z.
SEATTLE—Adair, George B. & Son, 309 Occidental av
Caldwell Bros., 115 Jackson
CRANE CO. (of Chicago), Est. 1855. (See adv. index, end of book)
Dally, S. W. R., Pier 6
Hallidie, Henshaw, Bulkley Co.
Hambach, A. Co., 305 1st av, S
Moore, Chas. C. & Co., 218 2d av, S
Perkins, Jas. H. Mfg. Co., 1245 R. R. av
Perkins, Wm. D. & Co., New York blk
Polson Implement & Hdw. Co., 806 Western av
Puget Sound Machinery Depot
Seattle Hardware Co., 819 1st av
Simonds Mfg. Co., 119 Jackson
Tolsma, R. B. & Co., 309 Occidental av
Tousey, A. C. & Co., 316 2d av
Vulcan Iron Works Co., 5th av c Seattle boul
Washington Rubber Co., 216 Jackson
Western Machinery Co., 1000 R. R. av
Zelnicker, W. A. Supply Co., 316 Occidental av
SPOKANE—Arnold-Evans Co.
Barnard Mfg. Co.
Bradley Engineering & Machinery Co. (Also Mine)
CRANE CO. (of Chicago), Est. 1855. (See adv. index, end of book)
Holly, Mason, Marks & Co.
Mitchell, Lewis & Staver Co.
National Iron Works
Spokane Hardware Co.
TACOMA—Caldwell Bros. Co.
Gardner, W. & Co.
Hunt & Mottet Co.
Keith, P. R. & Co.
Puget Sound Metal Works
Tacoma Leather & Belting Co.
Washington Machinery Depot
Washington Rubber Co.
WHATCOM—Frizell, W. M.
Morse Hardware Co. (Also Mining)

WEST VIRGINIA.

CHARLESTON—Burlew, N. S.
Capitol City Supply Co.
Charleston Hdw. Co.
Goshorn & Co.
CLARKSBURG—Clarksburg Supply Co.
FAIRMONT—Jacob & Hutchinson (Principally Mining)
HUNTINGTON—Miller Supply Co. (Also Mine)
NEW CUMBERLAND—Davis-Price Foundry & Machinery Co.
PARKERSBURG—Carruthers & Co.
Turner, C. H. Co.
WHEELING—Berry, Chas. Supply Co.
Howe, A. D. Machinery Supply Co.

WISCONSIN.

APPLETON—Schlafer Hardware Co.
ASHLAND—Bretting, C. G. Mfg. Co.
BARABOO—Farnum, Chas. H.
EAU CLAIRE—Brooks, S. C. (Est. of)
Eau Claire Mill Supply Co.
Hobbs, W. H.
FOND DU LAC—Dallman & Cooper Supply Co.
LACROSSE—Kroner Hardware Co. (Inc.)
Tausche, V. Hardware Co.
MADISON—King & Walker Co.
MANITOWOC—Rand & Roemer Hardware Co.
MARINETTE—Westland, August
MILWAUKEE—Gardner, A. H. Co., 380 E Water
Goodyear Rubber Co., 382 E. Water
Grotenrath, Fred, 111 W Water
Hoffman & Billings Mfg. Co., 96 2d
Milwaukee Leather Belting Co., 122 W Water
Mueller, L. J. Furnace Co., 197 Reed
Packard, O. L. Machinery Co., 135 W Water
Rom, Robt. Co., 1101 St. Paul av
Trostel, A. & Sons, 620 Commerce
*Western Rawhide & Belting Co.
Wisconsin Machinery & Mfg. Co., S Canal n Muskego av
OSHKOSH—Battis Bros.
Leach, Frank Hardware Co.
RACINE—Freeman, S. & Sons Mfg. Co.
RHINELANDER—Dunn & Wood Hardware Co.
Lewis Hardware Co.
SHEBOYGAN—Geele, F Hardware Co.
STEVENS POINT—Cook, R. A.
WAUSAU—Murray, D. J. Mfg. Co.

Milling Machines

(See Machines, Milling.)

Milling Attachments.

Adams Co., Dubuque, Ia.
Becker-Brainard Milling Machine Co., Hyde Park, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Cincinnati Milling Machine Co., Cincinnati, O.
Garvin Machine Co., Varick & Spring, N. Y.
Ideal Machine Co., Hartford, Conn.
Kampsmith Mfg. Co., Milwaukee, Wis.
Niles, Bement, Pond Co., 136 Liberty, N. Y.; Phila., Pa., & Hamilton, O.
Osterlein Machine Co., Cincinnati, O.
Pratt & Whitney Co., Hartford, Conn.

Mills (Adjustable, Hollow)

Geometric Drill Co., New Haven, Conn.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Rogers, John M. Boat Gauge & Drill Works, Gloucester City, N. J.

Mills (Attrition)

Excel Mfg. Co., Pottersville, N. J.
Sprout, Waldron & Co. (The "Monarch"), Muncy, Pa.

Mills (Ball & Pebble)

Abbe Engineering Co., 220 B'way, N. Y.
Allis-Chalmers Co., New York Life bldg, Chicago, & 71 B'way, New York. Works, Chicago, Milwaukee & Scranton, Pa.
Alsing, J. R. Co., 75 Guernsey, Brooklyn, N. Y.
Bethlehem Foundry & Machine Co., S Bethlehem, Pa.
Bonnot Co., Canton, O.
Day, J. H. & Co., Cincinnati, O.
Mosser, Wm. F. & Son, Allentown, Pa.
Prosser, Thos. & Son (the Krupp), 15 Gold, N. Y.
Smidth, F. L. & Co. (Inc.), 39 Cortlandt, New York)
Townsend Foundry & Machine Shop Co. (Ball), Albany, N. Y.
West Pulverizing Machine Co., Jersey City, N. J.

Mills (Bark)

(See also Grinders, Edging.)

Allentown Foundry & Machine Works Co., Allentown, Pa.
Bartley, Wm. & Son ("Shultis") Sectional), Bartley, N. J.
Baugher, Kurtz & Co., York, Pa.
Eureka Bark Mill Co., Lancaster, Pa.
Harn, Wm. H. & Bro., 451 N 3d, Phila., Pa.

Ott, Benj. & Sons (Bark Shaving), La Crosse, Wis.
Shapley & Wells, Binghamton, N. Y.
Waterville Foundry & Machine Co., Waterville, N. Y.
Wickes Bros., Saginaw, Mich.

Mills (Bone & Shell)

Messinger Mfg. Co., Tatamy, Pa.

Moore, E. J. Machine & Foundry Co., 2227 Wood, Phila., Pa.
New Winona Mfg. Co. ("Diamond"), Winona, Minn.

Mills (Boring & Turning)

American Tool Works Co., 6th & Eggleston av, Cincinnati, O.; 120 B'way, New York, & Frick bldg, Pittsburg, Pa.
Bausch Machine Tool Co., Springfield, Mass.
Betts Machine Co. (Vertical, 5 to 20 ft. swing), Wilmington, Del.
Bickford, H. & Co., Lakeport, N. H.
Bickford Drill & Tool Co., 3 Pike, Cincinnati, O.
Blaisdell, P. & Co., Worcester, Mass.
Bliss, E. W. Co., 19 Adams, Brooklyn, N. Y.
Bullard Machine Tool Co., Bridgeport, Conn.
Crane, W. W. Foundry & Machine Works (Axle Box Boring Mills), Auburn, N. Y.
Detrick & Harvey Machine Co. (Horizontal Drilling, Boring & Milling), Baltimore, Md.
Draper Machine Tool Co., Worcester, Mass.
Espen-Lucas Machine Works, Broad & Noble, Phila., Pa.
King Machine Tool Co. (Vertical, 42, 50, 60 & 72 Inch Size), Winton Place, Cincinnati, O.
Keystone Machine Tools Works, 1037 Ridge av, Phila., Pa.
MANNING, MAXWELL & MOORE, 85, 87, 89 Liberty, New York; 22, 24, 26 S Canal, Chicago, Ill.; 721 Arch, Phila., Pa.; Williamson bldg, Cleveland, Ohio; Frisco bldg, St. Louis, Mo.; 128 Oliver, Boston, Mass., & Park bldg, Pittsburg, Pa. (See adv. index, end of book)
New Haven Mfg. Co., New Britain, Conn.
Newton Machine Tool Works, 2347 Vine, Phila., Pa.
Niles-Bement-Pond Co., main office, 136 Liberty, N. Y. Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Pratt & Whitney Co., Hartford, Conn.
Putnam Machine Co., Fitchburg, Mass.
Ridgeway Machine Tool Co., Ridgeway, Pa.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Philadelphia, Pa.
Warner & Swasey Co., Cleveland, O.

Mills (Buhr Stone)

Campbell, P. F., 55 Laurel, Phila., Pa.
Day, J. H. & Co., Cincinnati, O.
Harrison, Leonard D. ("Planter's Pride"), New Haven, Conn.
Lamb & Co., Freeport, Ill.
New Winona Mfg. Co. ("Diamond" French), Winona, Minn.
Nordyke & Marmon Co. (All Kinds), 1101 W Morris, Indianapolis, Ind.
Richmond City Mill Works, Richmond, Ind.
Ross, Chas. & Son Co., 16 Steuben, Brooklyn, N. Y.
Southern Engine & Boiler Works (Inc.), Jackson, Tenn.
Sprout, Waldron & Co., Muncy, Pa.
Starr, B. F. & Co., 455 North, Baltimore, Md.
Straub Machinery Co., 1956 W 6th, Cincinnati, Ohio

Mills (Car Wheel Boring)

Bickford Drill & Tool Co., c Front & Pike, Cincinnati, O.
Niles-Bement-Pond Co., 136 Liberty, N. Y.; Works, Hamilton, O.; Philadelphia, Pa.; Plainfield, N. J.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Philadelphia, Pa.

Mills (Chlorination)

Allis-Chalmers Co., New York Life bldg, Chicago, & 71 B'way, New York
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
Stearns-Roger Mfg. Co., 1718 California, Denver, Colo.

Mills (Cider & Cider Presses)

(See also Presses, Wine & Cider.)

American Seeding Machine Co. Main Office, Springfield, O. Works, Louisville, Ky.; Macedon, N. Y., & Richmond, Ind.
Ames Plow Co., Quincy Hall, Boston, Mass.
Boomer & Boschert Press Co., Syracuse, N. Y.
Cardwell Machine Co., Richmond, Va.
Comstock, Geo. S. ("Triumph"), Mechanicsburg, Pa.
Cutaway Harrow Co., Higganum, Conn.
Farquhar, A. B. Co. (Mills & Presser), York, Pa.
Hench & Dromgold Co., York, Pa.
Hercules Lever Press Co. (Presses), Irvington, N. J.
Hocking Valley Mfg. Co. Lancaster, O.
Hydraulic Press Mfg. Co. (Presses), Mt. Gilead, O.
Keystone Farm Machine Co., York, Pa.
Klotz Machine Co. (Presses), Sandusky, O.
Lansing Wheelbarrow Co., Lansing, Mich.
Mast, P. P. & Co., Springfield, O.
New York Agricultural Co. (Presses), 51 Cliff, N. Y.
Thomas-Albright Co. (Presses), Goshen, Ind.
White, S. R. & Bro., Norfolk, Va.
Whitehurst, R. W. Co., Norfolk, Va.
Whitman Agricultural Co., 6900 S B'way

Mills (Cocoa)

Straub Machinery Co., 1956 W 6th, Cincinnati, O.

Mills (Coffee or Spice)

Arcade Mfg. Co., Freeport, Ill.
Bronson-Wolton Co. (Family), Collinwood, Cleveland, O.
Devlin, Thos. Mfg. Co., Phila., Pa.
Enterprise Mfg. Co. ("Enterprise"), 3d & Dauphin, Phila., Pa.
Griswold Mfg. Co., Erie, Pa.
Huntley Mfg. Co., Silver Creek, N. Y.
Landers, Frary & Clark ("Crown" Coffee Mills), New Britain, Conn.
Lane Bros. Co., Poughkeepsie, N. Y.
Malt-Wheat Biscuit Co. (Ltd.), Marshall, Mich.
Moore, E. J. Machine & Foundry Co. (Power Mills for Coffee & Rice, etc.), 2227 Wood, Phila., Pa.
National Novelty Corporation ("Brighton," "Steareing" & "Excelsior"), 826 B'way, New York
Parker, Chas. Co., Meriden, Conn.
Sun Mfg. Co. (Family Coffee Mills), Columbus, Ohio, & Greenfield, O.
Smith's, Jno. E. Sons Co. (Spice Mills), Buffalo, N. Y.
Waddell Woodenware Works Co., Greenfield, O.

Mills (Concentrating)

(See Mills, Stamp.)

Mills (Continuous)

Huber, S. V. & Co., Ferguson bldg, Pittsburg, Pa.
Morgan Construction Co., Worcester, Mass.

Mills (Corn Oil)

ELMES, CHAS. F. ENGINEERING Works, c Fulton & N Sangamon, Chicago, Ill. (See adv. index, end of book)

Mills (Corn & Cob)

Allentown Foundry & Machine Works (Inc.), Allentown, Pa.
Appleton Mfg. Co., Batavia, Ill.
Batavia Wind Mill Co., Batavia, Ill.
Bell, C. S. Co., Hillsboro, O.
Bowsher, N. C. Co., South Bend, Ind.
Case Mfg. Co. (Corn), Columbus, O.
Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
Colton, G. D. & Co., Galesburg, Ill.
De Loach Mill Mfg. Co. (Corn), Atlanta, Ga.
Eureka Bark Mill Co., Lancaster, Pa.
Farquhar, A. B. Co., York, Pa.
Freeman, S. & Sons Mfg. Co., Racine, Wis.
Goodhue Rotary Grinder Co., St. Charles, Ill.
Great Western Mfg. Co., Leavenworth, Kan.
Harrison, Leonard D. ("Richmond"; also "Richmond" Cob Crusher), New Haven, Conn.
Keystone Farm Machinery Co., York, Pa.
Moore, E. J. Machine & Foundry Co. (Power Mills for Coffee, Rice, etc.), 2227 Wood, Phila., Pa.
Munson Bros. Co. (Corn), Utica, N. Y.
National Novelty Corporation (For Domestic Purposes, for Corn, Rice, etc.), 826 B'way, New York
New Winona Mfg. Co. ("Osage"), Winona, Minn.
Nordyke & Marmon Co. ("Harrison"), Indianapolis, Ind.
Noye Mfg. Co. (Corn), Buffalo, N. Y.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Richmond City Mill Works, Richmond, Ind.
Salem Iron Works (Little Giant), Salem, N. C.
Southern Engine & Boiler Works (Inc.), Jackson, Tenn.
Sprout, Waldron & Co. (Corn), Muncy, Pa.
Squier, Geo. L. Mfg. Co., Buffalo, N. Y.
Stover Mfg. Co., Freeport, Ill.
U. S. Wind Engine & Pump Co. (Corn), Batavia, Ill.
Whitehurst, R. W. & Co. (Corn), Norfolk, Va.
Whitman Agricultural Co., St. Louis, Mo.
Wilson Bros., Easton, Pa.

Mills (Cyanide)

Allis-Chalmers Co., New York Life bldg, Chicago, & & 71 Bway, New York
Arizona & Sonora Mfg. Co., Nogales, Ariz.
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
Pneumatic Cyanide Process Co., Denver, Colo.

Mills (Drug)

Alsing, J. R. Co., 75 Guernsey, Brooklyn, N. Y.
Campbell, P. F., 55 Laurel, Phila., Pa.
Carey, Samuel, 17 State, New York
Day, J. H. & Co., Cincinnati O.
Enterprise Mfg. Co. ("Enterprise"), 3d & Dauphin, Philadelphia, Pa.
Landers, Frary & Clark, New Britain, Conn.
Lane Bros. Co., Poughkeepsie, N. Y.
National Novelty Corporation ("Brighton," Hand Power), 826 B'way, New York
National Specialty Mfg. Co., 3d c Lehigh av, Philadelphia, Pa.
Nordyke & Marmon Co., 1101 W Morris, Indianapolis, Ind.
Parker, Chas. Co., Meriden, Conn.
Ross, Chas. & Son Co., 18 Steuben, Brooklyn, N. Y.
Simpson Foundry Co., 26 Rodney, Brooklyn, N.Y.
Sprout, Waldron & Co., Muncy, Pa.
STROUD, E. H. & CO. ("Cyclone"), 36 La Salle, Chicago, Ill.

Mills (Emery Rock)

KIMPLEN CRUSHER & PULVERIZER Co., 100 Wash'n, Chicago, Ill. (See adv. index, end of book)
Moore, E. J. Machine & Foundry Co., 2227 Wood, Phila., Pa.
Sprout, Waldron & Co., Muncy, Pa.
Sturtevant Mill Co., Clayton c Park, Dor., Boston, Mass.

Mills (End)

Brown & Sharpe Mfg. Co., Providence, R. I.
Cleveland Twist Drill Co., c Lake & Kirtland, Cleveland, O.
Gay & Wood, Athol, Mass.
Morse Twist Drill & Machine Co. (Also Shell End), New Bedford, Mass.
National Twist Drill & Tool Co. ("National," with Spiral Flutes, etc.), Detroit, Mich.
Pratt & Whitney Co., Hartford, Conn.
Standard Tool Co. (Straight, Fluted, etc.), 1260 Central av, Cleveland, O.

Mills (Family Grist)

New Winona Mfg. Co. ("Commodore Nut"), Winona, Minn.

Mills (Fanning)

Ames Plow Co., Quincy Hall, Boston, Mass.
Aul, Henry & Son, Lyons, N. Y.
Avery Mfg. Co., Peoria, Ill.
Beeman & Co., Minneapolis, Minn.
Belcher & Taylor Agric. Tool Co., Chicopee Falls, Mass.
Belle City Mfg. Co., Racine, Wis.
Bennett, L. H., Plymouth, Mass.
Billups, C. Son & Co., Norfolk, Va.
Brennan & Co., Louisville, Ky.
Buch's, A. Sons Co., Elizabethtown, Pa.
Campbell, M. Fanning Mill Co., Detroit, Mich.
Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
Cleland, A. V., Minneapolis, Minn.
Dewey Mfg. Co., Winnebago City, Minn.
Dickey Mfg. Co., Racine, Wis.
Durling, A. N., Detroit, Mich.
Ferrell, A. T. & Co., Saginaw, Mich.
Foster & Williams Mfg. Co. (Badger State), Racine, Wis.
Freeman, S. & Sons Mfg. Co. (Centennial), Racine, Wis.
Genesee Valley Mfg. Co., Mt. Morris, N. Y.
Grant-Ferris Co., Troy, N. Y.
Grollimund, M., Fergus Falls, Minn.
Harder Mfg. Co., Cobleskill, N. Y.
Hirsch Bros., Milwaukee, Wis.
Hosford, Jno., Monroeville, O.
Huntley Mfg. Co., Silver Creek, N. Y.
Johnson & Field Mfg. Co., Racine, Wis.
Keller Mfg. Co., Saut Centre, Wis.
Kingman & Co., Peoria, Ill.
Marsellles Mfg. Co., Marseilles, Ill.
Messinger Mfg. Co., Tatamy, Pa.
Michael, Chas. H. Mfg. Co., Laporte, Ind.
Miller Bros. Mfg. Co., Alexandria, Ind.
Nash, H. D. & Co., Sacramento, Cal.
Newark Machine Co., Newark, O.
New Winona Mfg. Co., Winona, Minn.
Nordyke & Marmon Co., Indianapolis, Ind.
Owatonna Fanning Mill Co., Owatonna, Minn.
Owens, J. L. Co., Minneapolis, Minn.
Putney, C. H., Lyons, N. Y.
Racine Implement Co., Racine, Wis.
Reist, J. R. & Son, Harrisburg, Pa.
Rowell, J. S. Mfg. Co., Beaver Dam, Wis.
Solar Mfg. Co., Kaukauna, Wis.
Sperry Mfg. Co., Owatonna, Minn.
Trappe, Chas. H., Mascoutah, Ill.
Twin City Separator Co., Minneapolis, Minn.
Wells, H. B., Milford, Pa.

Mills (Feed Grinding)

Ajax Mfg. Co. ("Standard"), Allegheny, Pa.
Althouse Wheeler Co. (For Meal, Graham Flour, etc.), Waupum, Wis.
American Drill Co., Springfield, O.
Appleton Mfg. Co., Batavia, Ill.
Baker Mfg. Co., Evansville, Wis.
BARTLETT, C. O. & SNOW CO., Cleveland, O. (See adv. index, end of book)
Batavia Wind Mill Co., Batavia, Ill.
Beery Mfg. Co., Upper Sandusky, O.
Bell, C. S. Co., Hillsboro, O.
Belle City Mfg. Co., Racine, Wis.
Beneca Agricultural Works, Beneca, Cal.
Blue Valley Mfg. Co., Manhattan, Kan.
Bowsher, N. P. Co., South Bend, Ind.
Butler Co., Butler, Ind.
Case Mfg. Co., Columbus, O.
Challenge Windmill & Feed Mill Co., Batavia, Ill.
Chicago Feed Mill Co., Chicago, Ill.
Colton, G. D. & Co., Galesburg, Ill.
Cook Mfg. Co., Albion, Mich.
Cooper, A. A. Wagon & Buggy Co., Dubuque, Ia.
Cyclone Feed Grinder Co., Lincoln, Neb.
Dain Mfg. Co., Ottumwa, Ia.
Duplex Mfg. Co., South Superior, Wis.
Dutton, E. Q. & Co., Cato, N. Y.
Eagle Machine Co., Lancaster, O.
Enterprise Mfg. Co., Columbiana, O.
Eureka Fence Mfg. Co., Richmond, Ind.
Excel Mfg. Co., Pottersville, N. J.
Farm Tool Mfg. Co. (Invincible), Carrollton, Mo.
Farquhar, A. B. Co., York, Pa.
Foos Mfg. Co., Springfield, O.
Fort Scott Feed Mill Co., Fort Scott, Kan.
Globe Foundry & Machine Co., Sheboygan, Wis.
Great Western Mfg. Co., Leavenworth, Kan.
Haven, Jas. L. Co., Cincinnati, O.
Heebner & Sons, Lansdale, Pa.
Hercules Mfg. Co., Centerville, Ia.
Howell, R. R. & Co., Minneapolis, Minn.
Jenkins Hay Rake & Stacker Co., Browning, Mo.
Kansas City Hay Press Co., Kansas City, Mo.
Kelly & Taneyhill Co., Waterloo, Ia.
Kelly, O. S. Co., Springfield, O.
Keystone Farm Machine Co., York, Pa.
Lansing Motor & Pump Co., Lansing, Mich.
Marseilles Mfg. Co., Marseilles, Ill.
Messinger Mfg. Co., Tatamy, Pa.
Moore, E. J. Machine & Foundry Co., 2227 Wood, Phila., Pa.
Munson Bros. Co., Utica, N. Y.
New Winona Mfg. Co. ("Diamond"), Winona, Minn.
New York Agricultural Co., 81 Fulton, New York, & Boonton, N. J.
Nordyke & Marmon Co., 1101 W Morris, Indianapolis, Ind.
Noye Mfg. Co., Buffalo, N. Y.
Patch, A. H., Clarksville, Tenn.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Richmond City Mill Works, Richmond, Ind.
Rogers Iron Co., Springfield, O.
Ross, Chas. & Son Co., 20 Steuben, Brooklyn, N. Y.
Ross, E. W. Co., Springfield, O.
St. Albans Foundry & Implement Co., St. Albans, Vt.
Salem Iron Works, Salem-Winston, N. C.
Sandwich Mfg. Co., Sandwich, Ill.
Silver Mfg. Co. ("Daisy"), Salem, O.
Smalley Mfg. Co., Manitowoc, Wis.
Snow Mfg. Co., Geneva, Ill.
South Bend Foundry Co., South Bend, Ind.
Southern Engine & Boiler Works (Inc.), Jackson, Tenn.
Sprout, Waldron & Co., Muncy, Pa.
Star Mfg. Co., New Lexington, O.
Starr, B. F. & Co., 455 North Baltimore, Md.
Sterling Mfg. Co., Sterling, Ill.
Stevens, A. W. Co. (Also French Buhr), Marinette, Wis.
Stevens Mfg. Co., Joliet, Ill.
Stover Mfg. Co. ("The Ideal," also with Horse Power Combined). Freeport, Ill.
Straub Machinery Co., Cincinnati, O.
Sundries Mfg. Co., South Bend, Ind.
Twin City Iron Works, Minneapolis, Minn.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Whitman Agricultural Co., 6900 S B'way, St. Louis, Mo.
Zimmerman, A. A., New Holland, Pa.

Mills (For Grinding Chemicals)

BROWN, A. & F. CO., 25 Dey, New York. (See adv. index, end of book)

Mills (Grinding)

(See also Machinery, Pulverizing.)

Abele, Christian, 537 W 50th, N. Y.
Acton, John, 118 John, Brooklyn, N. Y.
Alsing, J. R. Co., 75 Guernsey, Brooklyn, N. Y.
American Engineering Co. (Attrition), Springfield, O.
BARTLETT, C. O. & SNOW CO. (Cement, Paint, Spices, etc.), Cleveland, O. (See adv. index, end of book)
BRADLEY PULVERIZER CO. (The "Griffin"), 92 State, Boston
BROWN, A. & F. CO., 25 Dey. New York. Works, Elizabeth, N. J. (See adv. front colored page)
Campbell, P. F. (For Drugs, Fertilizers, Whiting, etc.), 55 Laurel, Philadelphia, Pa.
Carey, Samuel, 17 State, N. Y.
Daniel Wm. Sons Co. (Paint, etc.), Providence, R. I.
Day, J. H. Co., 1144 Harrison av, Cincinnati, O. & 76 Park pl, N. Y.
De Loach Mill Mfg. Co., Atlanta, Ga.
Enterprise Mfg. Co., 3d & Dauphin, Phila., Pa.
Excel Mfg. Co., Pottersville, N. J.
Foos Mfg. Co., 11 Scientific, Springfield, O.
Houchin & Huber, 35 53d, Brooklyn, N. Y.
Huntington Dry Pulverizer Co., 120 B'way, New York
Kaestner & Co. (Inc.) (Portable), 241 S Jefferson, Chicago
Kent Machine Works, 246 Plymouth, Brooklyn, N. Y.
Kent Mill Co., 170 B'way, New York
KIMPLEN CRUSHER & PULVERizer Co. (Silica, Rock Phosphate Fertilizer, Serpentine Asbestos, etc.), 100 Wash'n, Chicago, Ill. (See adv. index, end of book)
Malt-Wheat Biscuit Co. (Ltd.), (Coffee, Grain, Fruits, Vegetables, Herbs, Roots, etc.), Marshall, Mich.
Miller, L. J. (Bone, Grain, Salt, Oil Cake, etc.), 1233 Harrison, Cincinnati, O.
Moore, E. J. Machine & Foundry Co. (For Ore, Graphite, Phosphate, Rock & Dry Materials of Any Kind), 2227 Wood, Phila., Pa.
Murray, Jas. & Son, 102 E York, Baltimore, Md.
Nebel, M. A., 72 Grand av, Brooklyn, N. Y.
Newell Mfg. Co., 149 B'way, New York
Nordyke & Marmon Co., Indianapolis, Ind.
Noye Mfg. Co., 50 Lakeview av, Buffalo, N. Y.
Phillipsburg Mfg. Co., Phillipsburg, N. J.
Raymond Bros. Impact Pulverizer Co., 143 Lafiin, Chicago
Ross, Chas. & Son Co. (French Buhr), 18 Steuben, Brooklyn, N. Y.
Salem Iron Works (French Buhr), Salem-Winston, N. C.
Schultz-O'Neill Co., Minneapolis, Minn.
Simpson Foundry Co. (Bone, Cork, Spice, Oil, Cake, Paint, etc.), 26 Rodney, Brooklyn, N. Y.
Smidth, F. L. & Co. (Inc.), 39 Cortlandt, New York
Smith, Theodore & Sons Co., ft of Essex, Jersey City, N. J.
Sprout-Waldron & Co. (Paint, Cement, Phosphate, Oil, Cake, Cotton Seed, etc.), Muncy, Pa.
Starr, B. F. & Co., 455 North, Baltimore, Md.
Steadman Foundry & Machine Works, Aurora, Ind.
Straub Machinery Co., 1956 W 6th, Cincinnati, O.
STROUD, E. H. & CO. ("Cyclone"), 36 La Salle, Chicago, Ill.
Sturtevant Mill Co. (Cement, Lime, Paint, etc.), Clayton c Park, Dor., Boston, Mass.
Walker & Elliott (Fertilizer, Cement, Phosphate, etc.), Wilmington, Del.

Mills (Hollow)

Brown & Sharpe Mfg. Co. (With Inserted Blades, etc.), Providence, R. I.

Mills (Ink)

Black & Clawson Co., Hamilton, O.
Houchin & Huber, 35 55th, Brooklyn, N. Y.
Kent Machine Works, 248 Plymouth, Brooklyn, N. Y.
Poole, J. Morton Co., Wilmington, Del.
Ross, Chas. & Son, 20 Steuben, Brooklyn, N. Y.

Mills (Linseed & Corn Oil)

ELMES, CHAS. F. ENGINEERING Works, c Fulton & N Sangamon, Chicago, Ill. (See adv. index, end of book)

Mills (Mustard)

Kelso & Co., 209 S Clinton, Chicago, Ill.

Mills (Nut Grinding)

Malt-Wheat Biscuit Co. (Ltd.), Marshall, Mich.

Mills (Oil Cake)

BROWN, A. & F. CO., 25 Dey. New York. (See adv. front colored page)
Buckeye Iron & Brass Works, Dayton, O.
Campbell, P. F., 55 Laurel, Phila., Pa.
Carey, Samuel, 17 State, New York
Cardwell Machine Co., Richmond, Va.
ELMES, CHAS. F. ENGINEERING Works, Fulton c N Sangamon, Chicago, Ill. (See adv. index, end of book)
Excel Mfg. Co., Pottersville, N. J.
Foos Mfg. Co. (Scientific), Springfield, O.
McLauthlin, Geo. T. Co., 120 Fulton, Boston, Mass.
Pittsburg Plate Glass Co., Frick bldg, Pittsburg, Pa.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Sprout, Waldron & Co., Muncy, Pa.
Van Winkle, E. Gin & Mach. Works, Atlanta, Ga.

Mills (Pan)

Ross, Chas. & Son Co. (or Chasers), 20 Steuben, Brooklyn, N. Y.

Mills (Pebble Tube)

(See Mills, Ball & Pebble.)

Mills (Prospecting)

Allis-Chalmers Co., New York Life bldg Chicago, & 71 B'way, New York. Works, Chicago, Millwaukee & Scranton, Pa.
Hamilton, Wm. Mfg. Co., Peterboro, Ont., Canada
Union Iron Works, 222 Market, San Francisco, Cal.

Mills (Pug)

American Clay Working Machinery Co., Bucyrus, O., & Willoughby, O.
Bonnot Co., Canton, O.
Brewer, H. & Co., Tecumseh, Mich.
Freese, E. M. & Co., Galion, O.
Horton Mfg. Co. (Iron & Steel), Painesville, O.
Michigan Brick & Tile Mach. Co., Morenci, Mich.
Phillips & McLaren, Pittsburg, Pa.
Potts, C. & A. & Co., 816 W Washington av, Indianapolis, Ind.
Steele, J. C. & Son, Statesville, N. C.
Stevenson Co., Wellsville, O.
United Iron Works Co., Springfield, Mo.
Wallace Mfg. Co., Frankfort, Ind.
Wellington Machine Co., Wellington, O.

Mills (Quartz)

Allis-Chalmers Co., New York Life bldg Chicago, & 71 B'way, New York. Works, Chicago, Millwaukee & Scranton, Pa.
Alsing, J. R. Co., 75 Guernsey, Brooklyn, N. Y.
BRADLEY PULVERIZER CO. (The "Griffin"), 92 State, Boston,
Harron, Rickard & McCone (Inc.), 21 Fremont, San Francisco, Cal.
Hendy, Joshua Machine Works, San Francisco, Cal.
Kent Mill Co., 170 B'way, N. Y.
KIMPLEN CRUSHER & PULVERizer Co., 100 Wash'n, Chicago, Ill. (See adv. index, end of book)
Krogh Mfg. Co., 9 Stevenson, San Francisco, Cal.
Marshutz & Cantrell, Main c Howard, San Francisco, Cal.
Moore, E. J. Machine & Foundry Co., 2227 Wood, Phila., Pa.
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
Raymond Bros. Impact Pulverizer Co., 143 Laflin, Chicago
Risdon Iron & Locomotive Works, Stewart & Folsom, San Francisco, Cal.

Mills (Rice)

Nordyke & Marmon Co., Indianapolis, Ind.

Mills (Roller Grinding)

Great Western Mfg. Co. (Also Roller Feed), Leavenworth, Kan.
Nordyke & Marmon Co. (Double Two Pair, High Four Roller & Three Pair, High Six Roller, etc.), Indianapolis, Ind.
Richmond City Mill Works (for Grain), Richmond, Ind.
Sprout, Waldron & Co., Muncy, Pa.
Straub Machinery Co. (Corn & Wheat), 1956 W 6th, Cincinnati, O.

Mills (Sand)

Standard Sand & Machine Co. (Ball Bearing Centrifugal Pulverizer), 1509 St. Clair, Cleveland, O.

Mills (Stamp)

Allis-Chalmers Co. (Steam), New York Life bldg, Chicago, & 71 B'way, New York. Works, Chicago, Milwaukee & Scranton, Pa.
Arizona & Sonora Mfg. Co., Nogales, Ariz.
Ashland Iron Works, Ashland, Oregon
Caird & Harksworth, Helena, Mont.
Colorado Iron Works Co., Denver Colo.
Davis, F. M. Iron Works Co., 8th & Larimer, Denver, Colo.
Denver Engineering Works, Denver, Colo.
Globe Iron Works (Inc.), Stockton, Cal.
Hamilton, Wm. Mfg. Co., Peterboro, Ontario, Canada
Hammond Mfg. Co., Portland, Ore.
Hendrie & Bolthoff Mfg. & Supply Co., 1625 17th, Denver, Colo.
Hendy, Joshua Machine Works, San Francisco, Cal.
Lombard Iron Works & Supply Co., Augusta, Ga.
McFarlane & Co., 1734 15th, Denver, Colo.
Mecklenburg Iron Works, Charlotte, N. C.
Mine & Smelter Supply Co., Blake & 17th Denver, Colo.; El Paso, Tex.; 139 Liberty, New York, & Salt Lake City, Utah
Montgomery, J. H. Machinery Co., 1220 Curtis, Denver, Colo.
National Iron Works, Spokane, Wash.
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
Portage Lake Foundry & Machinery Co., Hancock, Mich.
Snyder, Fredk. T. & Co., 324 Dearborn, Chicago, Ill.
Stearns, Roger Mfg. Co., 1718 California, Denver, Colo.
Vulcan Iron Works, San Francisco, Cal.
Union Iron Works, 222 Market, San Francisco, Cal.
Union Iron Works, Spokane, Wash.

Mills (Tumbling)

(See also Barrels Tumbling.)

Sly, W. W. Mfg. Co. (Exhaust Steel), Cleveland, O.

Mills (Water Polishing)

Sly, W. W. Mfg. Co., Cleveland, O.

Mills (Wire Flattening)

Birmingham Iron Foundry, Derby, Conn.
Blake & Johnson (Inc.), Waterbury, Conn.
Waterbury Farrell Foundry & Machine Co., Waterbury, Conn.

Mills & Spindles (Glass Cutters')

Heermans & Lawrence, Corning, N. Y.

Mine & Dump Cars.

(See Cars of Various Kinds.)

Mineral Wool Mfrs.

American Insulating Material Mfg. Co., St. Louis, Mo.
Crystal Chemical Works, Alexandria, Ind.
Columbia Mineral Wool Co., 112 Clark, Chicago, Ill. Works, So. Milwaukee, Wis.
Union Fiber Co. (Loose Board & Bick), Winona, Minn., & 143 Reed, Milwaukee, Wis.
UNITED STATES MINERAL WOOL CO., 143 Liberty, N. Y. (See adv. index, end of book)

Miners' Needles & Scrapers

Hardsocg, Martin Mfg. Co. (Ltd.), Allegheny, Pa.
Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Klein-Logan Co., Pittsburg, Pa.
Pittsburg Tool & Drop Forge Co. ("Cheswick"), Arrott bldg., Pittsburg, Pa. Works, Cheswick, Pa.

Miners' Wick

Hoffman-Corr Mfg. Co. 107 Duane, New York

Miners' Wire Screens

(See Screens, Various Kinds.)

Mining Cages

(See Cages, Mining.)

Mining Machines

(See Machines, Coal Cutting.)

Mining Machinery

(See Machinery, Mining.)

Mirror Frames (Brass)

Edwardsville Brass Co., Edwardsville, Ill.

Mirrors (Bath Room)

Ireland & Matthews Mfg. Co., Detroit, Mich.

Mirrors (Plate Glass)

Crane Glass & Mfg. Co., Cleveland, O., & 341 Hudson, New York
Pittsburg Plate Glass Co. Main & Executive Offices, Frick bldg, Pittsburg, Pa. Branches, in all Large Cities

Mitre Scale

Reissmann, F., West Point, N. Y.

Mixers (Asphalt)

(See Asphalt Mixers.)

Mixers (Cement)

Michigan Iron Works ("Eureka" Hand Power), Manistee, Mich.

Mixers (Clay)

Fernholtz Brick Machinery Co., Boyle & Old Manchester avs, St. Louis, Mo.
Scott Mfg. Co., Keokuk, Iowa.

Mixers (Concrete)

MACKAY, A. D., Chamber of Commerce bldg, Chicago, Ill. (See adv. below)



Mixers (Fertilizer)

Day, J. H. & Co., 1144 Harrison av, Cincinnati, O., & 76 Park pl, New York
Dempwolf, C. H. & Co., York, Pa.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.

Mixers (Gas)

Campbell, J. B. Brass Works, Erie, Pa.
Edwardsville Brass Co., Edwardsville, Ill.
Hays Mfg. Co., Erie, Pa.

Mixers (Mortar)

(See also Concrete & Mortar Mixers.)

Municipal Engineering & Contracting Co., Chicago, Ill.
Teal, Chas. A. (for Ready Mixed Mortar, etc.), 1361 Ridge av, Phila., Pa.
Walker & Elliott, Wilmington, Del.

Mixers (Plaster)

(See also Mills, Grinding).

Day, J. H. Co., 1144 Harrison av, Cincinnati, O., & 76 Park pl, New York
Dunning, W. D., Syracuse, N. Y.

Mixers (Sausage Meat)

Murray Iron Works Co. ("New Murray" & "Zimmerman"), Burlington, Vt.

Modelers & Sculptors (Architectural)

ARCHITECTURAL DECORATING CO., 204 Illinois, Chicago. (See adv. index, end of book)
Bailey Co. (Wood), 224 21st, Detroit, Mich.
Beil & Mauch, 28 St. Clair, Chicago
Berger, Emil, 204 E 27th, New York
BUEHNER, A. & CO., 220 N 2d, St. Louis, Mo. (See adv. index, end of book)
Buhler & Lauter, 505 W 45th, N. Y.
Cairns, Hugh, 48A Sudbury, Boston Mass.
Campbell & Horrigan Marble & Monumental Works, 4718 Penn av, Pittsburg, Pa.
Church Art Work Co., 253 4th av, New York
DECORATORS' SUPPLY CO., 209-219 S Clinton, Chicago. (See adv. index, end of book)
Dittgen & Rapp, 3927 Spencer av, Norwood, O.
Dux, Jos., 132 W Jackson blk, Chicago, Ill.
Eastern Ornamental Plaster Co., 168 Atlantic av, Brooklyn, N. Y.
Eastman & Johnstone, 1711 St. Charles, St. Louis, Mo.
Ellin, Kitson & Co., 25th & N River, N. Y.
EMMEL, CHAS., 383 Albany, Boston, Mass.
Entress, Albert, 597 Main, Hartford, Conn
Evans, John & Co., 77 Huntington av, Boston, Mass.
Florentine-Wilhelm Co., Madisonville, Cincinnati, O.
Fischer & Jirouch, 61 Middle, Cleveland, O.
Florentine-Wilhelm Co., Madisonville, Cincinnati, O.
Forman Bros., 645 Gates av, Brooklyn, N. Y.
Fowle, Herbert, 43 Bristol, Boston, Mass.
Gladwin, Stephen C., 20 Newton, Cleveland, Ohio
Haigermoser, Jos., 250 Randolph, Detroit, Mich.
Halstrick, M., 636 South av, Rochester, N. Y.
Hammerstein & Denivelle, 451 W 54th, New York
Harbaugh, A. J. Marble & Granite Works, 4729 Butler, Pittsburg
Harnisch, Ad. Spencer, n Chlorine Springs, Syracuse, N. Y.
Hartley, Jonathan Scott, 145 W 55th, New York
Kerr, Jas. M., 443 W 19th, New York
Koppe Bros. & Steinichen, 89 Houston, Atlanta, Ga.
Lamb, J. & R. (Inc.), 59 Carmine, New York
Langenbahn, August A. & Son, 440 7th, Buffalo, N. Y.
Liebold, O., 83 Randolph, Detroit, Mich.
Maene, Edourd, 309 S Lawrence, Philadelphia, Pa.
MILWAUKEE ORNAMENTAL CARV-ing Co., 423 Poplar, Milwaukee, Wis. (See adv. index, end of book)
Nygard, Alfred F., 68 Cass, Detroit, Mich.
Rackle, Geo. & Son, Superior & Rossiter, Cleveland, O.
Richard, Louis, 110 West End av, N. Y.
Schellentrager, Louis F., 16 Scoville av, Cleveland, O.
Schneider, F. H., 439 E Water, Syracuse, N. Y.
Schroeder, F. & H., Linn c Betts, Cincinnati, O.
SEIFERT, FRANK A., PLASTIC Relief Co., 2646 Lawton av, St. Louis, Mo. (See adv. index, end of book)
Shaw & Co., 311 N 15th, Phila., Pa.
Sleep, Elliott & King Co., 351 Cambridge, Boston, Mass.
Smith, Jos. & Co., 428 E 23d, N. Y.
Stoltzenberg Co., 51 Barclay, New York
Van Malderen, F., Jurnonville & Ann, Pittsburg, Pa.
Vogt, Paul & Sons, 97 Haverhill, Boston, Mass.
Walter, G. E. Co., 157 E 44th, New York
Whitman, J. Franklin Co., 212 S 5th, Phila., Pa.

Modeling Composition ("Plastilina")

SOLTMANN, E. G., 125 E. 42d, New York. (See adv. index, end of book)

Models (Inventors' Sheet Metal)

Goodwin & Kintz Co., Winsted, Conn .

Models, Trademarks & Monograms (Wood)

Spanger Bros., Newark, N. J.

Models & Experimental Work

(See also Pattern & Model Makers.)

Baillard, E. V., Fox bldg, Franklin sq, N. Y.
Dressler, C. E. & Bro., 17 Lexington av, N. Y.
Electric Appliance Mfg. Co., Waterbury, Conn.
Griswold, Geo. M., New Haven, Conn.
Hervey Machine Works, Kansas City, Mo.
HURD & CO., 304 Hudson, New York. (See adv. index, end of book)
Lang, J. Electric Co., 176 E Indiana, Chicago, Ill.
Reliance Machine & Tool Works, St. Louis, Mo.
Sommerfeld, R. G., 224 3d av, Pittsburg, Pa.
Spindler & Deringer, 18 Morris, Jersey City, N. J.
Tolhurst, Wm. H. & Son, Fulton & 6th av, Troy, N. Y.
Western Brass Mfg. Works (Inc.), 63 S Canal, Chicago, Ill.
Ziegler Apparatus Co., 200 Summer, Boston, Mass.

Moistening Apparatus.

STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria st, London, England. (See adv. index, end of book)

Molders' Flasks.

(See Flasks, Molders'.)

Molds (Brick)

Fernholtz Brick Machinery Co., Boyle & Old Manchester avs, St. Louis, Mo.
Horton Mfg. Co., Painesville, O.
Scott Mfg. Co., Keokuk, Ia.

Molds (Cylinder)

Eastwood Wire Mfg. Co., Belleville, N. J.

Molds (Glass House)

Ayars Machine Co., Salem, N. J.
Cambridge Foundry Co., Cambridge, O.
Centre Foundry, Wheeling, W. Va.
Evans Mold & Machine Co., Uniontown, Pa.
McKee, W. S., 231 1st av, Pittsburg, Pa.
Wheeling Mold & Foundry Co., Wheeling, W. Va.

Molds (Ingot)

Allis-Chalmers Co., New York Life bldg, Chicago, Ill., & 71 Broadway, New York
American Ingot Mould Co. (Steel), Frick bldg, Pittsburg, Pa.
Eastwood Wire Mfg. Co., Belleville, N. J.
Marshall Foundry (Steel), 28th & R R, Pittsburg, Pa.
Mesta Machine Co. (Steel), Pittsburg, Pa.
OBERMAYER, S. CO., 647 Evans, Cincinnati, O.; 18th & Rockwell, Chicago, Ill.; 35th & Charlotte, Pittsburg, Pa.; Roe bldg, St. Louis, Mo.; Majestic bldg, Detroit, Mich.; Cooper bldg, Denver, Colo.; Land Title bldg, Phila., Pa., & Mission st, San Francisco, Cal. (See adv. index, end of book)
PAXSON, J. M. CO., 1021 N Del. av, Phila., Pa. (See adv. index, end of book)
Penn Engineering Works, New Castle, Pa.
Phila. Roll & Machine Co., Phila., Pa.
Sharon Foundry Co. (Steel), Wheatland, Pa.
Pittsburg Mfg. Co., 28th & R R, Pittsburg, Pa.
SMITH, J. D. FOUNDRY SUPPLY CO., 40 S Water, Cleveland, O., & 2143 Central av, Cincinnati, O. (See adv. index, end of book)
Thomas, Jas. E. Co. (Steel), Newark, O.
United Engineering & Foundry Co. (Steel), 54th & A. V. Ry., Pittsburg, Pa.
Vulcan Foundry & Machine Co. (Steel), New Castle, Pa.
West, Thos. D. Foundry Co. (Steel), Sharpsville, Pa.
YAGLE FOUNDRY & MACHINE CO., (Ltd.), 32d & A. V. Ry., Pittsburg, Pa. (See adv. index, end of book)

Molds (Lead Casting)

Bernz, Otto, S 13th & S Orange av, Newark, N. J.
Eastwood Wire Mfg. Co., Belleville, N. J.
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.

Molds (Solder)

Bernz, Otto, S 13th & S Orange av, Newark, N. J.
Haydenville Co., Haydenville, Mass.
Kupferle, Jno. C., 2d & Mound, St. Louis, Mo.
Miller Iron Co., Providence, R. I.
Modern Iron Works (Half Round Bar), Quincy, Ill.
Mott, J. L. Iron Works, 88 Beekman, N. Y.
Osborne, C. S. & Co., Newark, N. J.
Sayre, L. A. & Co., Newark, N. J.

Molds (Tack)

Bailey-Farrell Mfg. Co., Pittsburg, Pa.
Bernz, Otto, S 13th & S Orange av, Newark, N. J.
Creswell, Jas. Mfg. Co., Denver, Colo.
Haydenville Co., Haydenville, Mass.
Knapp Mfg. Co., 22 Frankfort, N. Y.
Mueller, H. Mfg. Co., Decatur, Ill.
Peck Bros. & Co., New Haven, Conn.
Rundle-Spence Mfg. Co., Milwaukee, Wis.
Springfield Brass Co., Springfield, Mass.
Street & Kent Mfg. Co., 41 Fulton, Chicago, Ill.
Wolff, L. Mfg. Co., 117 W Lake, Chicago, Ill.

Money Drawers

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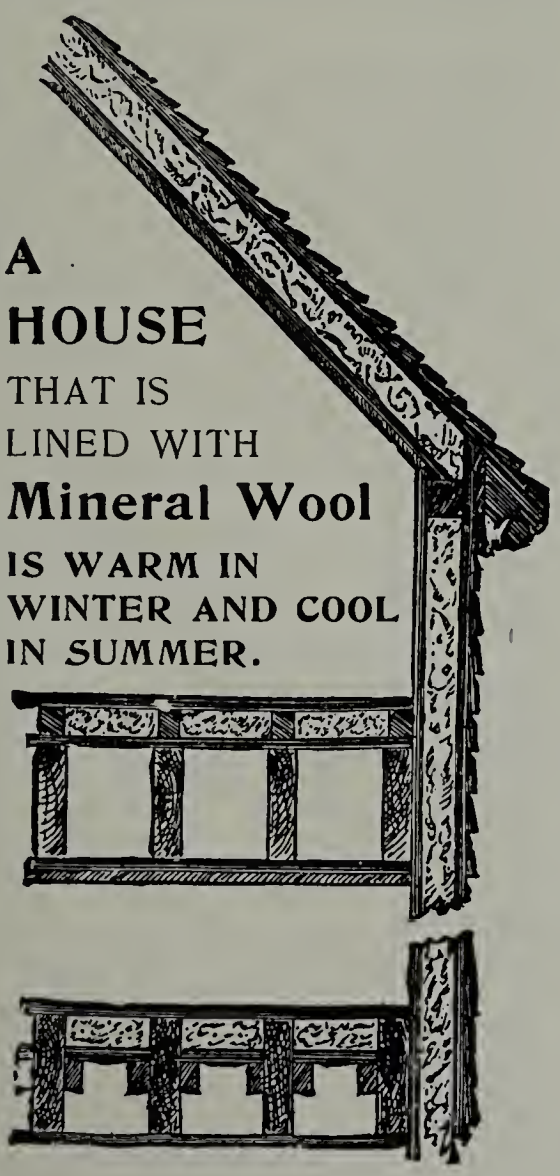
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Use Hendricks' COMMERCIAL REGISTER

Monuments & Statuary (Bronze)

(See Bronze Monuments and Statuary).

Mop Sticks & Holders

Arcade Mfg. Co. ((The "Gem"), Freeport, Ill.
James Mfg. Co., Auburn, N. Y.
National Novelty Corp. ("Brighton"), 826 B'way, New York
Parks & Parks, Troy, N. Y.

Mops (Cotton)

Blakely, Jno. & Son, 1089 Gtn. av, Phila., Pa.
Curtis, Wm. H., Woburn, Mass.
Elkin Mfg. Co., Elkin, N. C.
Estes & Sons, Fall River, Mass.
Massasoit Mfg. Co., 56 Leonard, N. Y.
Naurath, J. P. & Co., 2 Lispenard, N. Y.
Phillips, A. J. Co., Fenton, Mich.
Ryall, W. S. & Co., Chattanooga, Tenn.
Stover Mfg. Co., Freeport, Ill.

Mops (Roofing)

Barrett Mfg. Co., Land Title bldg, Phila., Pa.; Merchant Loan & Trust bldg, Chicago, Ill.; 17 Battery pl, New York; St. Louis, Mo.; Cleveland, O.; Cincinnati, O.; Pittsburg, Pa.; Minneapolis, Minn.; Kansas City, Mo., & New Orleans, La.

Mops (Spring)

Stover Mfg. Co., Freeport, Ill.

Mortar Color Mfrs.

ATLAS PAINT CO. (Ltd.), 2638 Liberty av, Pittsburg, Pa. (See adv. index, end of book)
Bowen's, S. Sons, 4th & Venango, Phila., Pa.
CABOT, SAMUEL, 141 Milk, Boston, Mass., & 28 Dearborn av, Chicago. (See adv. index, end of book)
Cambria Paint & Color Co. (Ltd.), Johnstown, Pa.
Chattanooga Paint Co., Chattanooga, Tenn.
Cleveland Iron Ore Paint Co., Cleveland, Ohio
Clinton Metallic Paint Co., Clinton, N. Y.
Connors, Wm. Paint Mfg. Co., Troy, N. Y.
Erwin, Henry, Bethlehem, Pa.
FRENCH, S. H. & CO., York av, 4th & Callowhill, Phila., Pa. (See adv. index, end of book)
GARRY IRON & STEEL CO. (Dry), Cleveland, O. (See adv. index, end of book)
Harnish, D. J. M., Lancaster, Pa.
Jamestown Paint & Varnish Co., Jamestown, Pa.
Mepham, G. S. & Co., East St. Louis, Ill.
Pittsburg Iron Paint Co., Allegheny, Pa.
Ricketson Mineral Paint Works, University bldg, Milwaukee, Wis.
Rossie Iron Ore Paint Co. (Calorific Red), Ogdensburg, N. Y.
Semple, Frank G., Bethlehem, Pa.
Toch Bros., 468 W B'way, N. Y.
Wells, Jas. M. Co., Ogdensburg, N. Y.
Williams, G. K. & Co., Easton, Pa.

*Mortar (Machine Mixed)

Buffalo Paragon Wall Plaster Co., 11 Breckenbridge, Buffalo, N. Y.
Builders' Supply Co., Norfolk, Va.
Knickerbocker Lime Co., 366 N 24th, Philadelphia, Pa.
National Mortar Co., 625 F, N W, Washington, D. C.
Quaker City Mortar Co., 50 N 23d, Philadelphia, Pa.
U. S. Mortar Supply Co., 1123 B'way, New York
Warner, Charles Co., Wilmington, Del.

Mortar (Patent Soapstone)

American Soapstone Finish Co., Chester Depot, Vt.

Mortar & Brick Hods

(See Hods, Mortar and Brick.)

Mortisers (Chain Saw)

New Britain Machine Co., New Britain, Conn.

Mosaic Cube Importers

Church Art Work Co., 253 4th av, New York
Duche, T. M. & Sons, 82 Beaver, New York
JACKSON, C. D. & CO., ft. E 105th & East River, New York. (See adv. index, end of book)
MANHATTAN MARBLE CO., 139th & E. R., New York. (See adv. index, end of book)
Pisani Bros., 156 5th av, New York
Rossman, Robt., 149 W 24th, New York
Roussel, Chas. J., 524 W 50th, New York
Toscani Bros., 215 E 36th, New York

*Mosaics (Ceramic)

American Mosaic Co., 97 Shelby, Detroit, Mich.
Art Mosaic Works, Zanesville, O.
Bortoli Co., 32 W 6th, Cincinnati, O.
Bortoli Co., 125 Marietta, Atlanta, Ga.
Bradbury Marble Co., 1229 S 2d, St. Louis, Mo.
Bressler, E. A. Co., 26 Laf. av, Detroit, Mich.
California Marble Mosaic Co., San Francisco, Cal.
Caretti, John & Co., 232 Michigan, Chicago
Cassini Mosaic Tile Co., 10 E 7th, Cincinnati, O.
Davis, Frank L., Fuller bldg, New York
Davis Mosaic Co., 302 Michigan av, Chicago
Davis, Reid & Alexander (Circular), 127 E 23d, New York
Great Western Marble Works (Philip McDonough, Propr.), 1602 Reading rd, Cincinnati, Ohio
Hawes & Dodd, 24 Adams, Chicago
Interior Woodworking Co., 296 Wabash av, Chicago, Ill.
Italian Marble Mosaic Co., 431 Spruce, Phila., Pa.
Lage, Bernhard H., 491 Greenwich, New York
Lorenzen, Chas. F. & Co., 278 N Ashland av, Chicago. Ill.
Manhattan Glass Tile Co., 157 10th av, N. Y.
Murdock Corpn., 156 Boylston, Boston, Mass.
National Building Supply Co., Record bldg, Baltimore, Md.
Pellarin & Co., 23 W 8th, N. Y.
Rossman, Robt., 149 W 24th, New York
Schoone Mosaic Co., Cincinnati, O.
Sharpless & Watts, 1522 Chestnut, Phila., Pa.
Sherman & Flavin, 2513 State, Chicago, Ill.
Stainback-Brown Co., Little Rock, Ark.
Stoltzenberg & Co., 51 Barclay, New York
Toscani Bros., 215 E 36th, N. Y.
Traitel Bros. & Co., 133 W 42d, N. Y.
Venetian Mosaic & Granitoid Co., 2241 Clark av, St. Louis, Mo.
Weary & Beck, Marquette bldg, Chicago

*Mosaics (Glass)

Assembled Tile & Slab Co. (Cut Glass, all Colors), S 16th & Muriel, Pittsburg, Pa.
Church Art Work Co., 253 4th av, New York
Janes, Walter Co. (New Process), 123 E 23d, N. Y.
Lage, Bernhard H., 491 Greenwich, New York
Manhattan Glass Tile Co., 157 10th av, N. Y.
Norcross Co., 269 River, Cleveland, O.
Shipway, John H. & Bro., ft E 136th, N. Y.
Stoltzenberg Co., 52 Barclay, New York

Mosaics (Marble)

American Mosaic Co., 25 Eastern av, Boston, Mass.
BATTERSON & EISELE, 431 11th av, New York. (See adv. index, end of book)
Bayan, Jos., 226 E 42d, New York
Belfi Bros. & Co., 22 S 19th, Phila., Pa.
Boote, Alfred Co., 124 W 33d, N. Y.
Bortoli Co., 32 W 6th, Cincinnati, O.
Bortoli Co., 125 Marietta, Atlanta, Ga.
Bowker, Torrey & Co., 55 Chardon, Boston, Mass.
Calkins, S. H. Co., 208 N Liberty, Baltimore, Md.
Caretti, John & Co., 234 Michigan, Chicago, Ill.
Cassini Mosaic & Tile Co., 10 E 7th, Cincinnati, O.
Church Art Work Co., 253 4th av, New York
Corning, John Herbert, 520 13th, n w, Washington, D. C.
Crawley, George E. & Son, 1 Somerset, Boston, Mass.
Daly, Jas. C. & Co., 1626 Chestnut, Phila., Pa.
Davidson Bros. Marble Co., ft of Orleans, Chicago, Ill.
Davis, Frank L., Fuller bldg, New York
Davis Marble Co., 214 S 24th, Phila., Pa.
Davis Mosaic Co., 302 Michigan av, Chicago, Ill.
Davis, Reid & Alexander, 127 E 23d, N. Y.
De Paoli Mosaic Association, 7 W 7th, Boston, Mass.
Des Moines Marble & Mantel Co., Des Moines, Ia.
Detrick, E. J. Co., 345 4th av, Pittsburg, Pa.
Drake Mantel & Tile Co., 66 E 3d, St. Paul, Minn., & 310 S 2d, Minneapolis, Minn.
Empire City Marble Co., 250 11th av, New York
Fisher, Robert C. & Co., E 139th & Locust av, New York
FRENCH, SAMUEL H. & CO., 4th & Callowhill, Phila., Pa. (See adv. index, end of book)
Galbraith, B. G., Harrisburg, Pa.
Grant Adolph & Co., 210 Chestnut, Phila., Pa.
Great Western Marble Works (Philip McDonough, Propr.), Cincinnati, O.
Hall-Kline Co., 1927 Market, Phila., Pa.
Hartford Mantel & Tile Co., 164 State, Hartford, Conn.
Hawes & Dodd, 24 Adams, Chicago
Heidenreich, Geo. E., 268 Erie, Cleveland, O.
Henry Marble Co., 3208 Shields av, Chicago, Ill.
Herter Bros., 309 5th av, N. Y.
Hutchinson, Wm. Seely, 1331 G, N W, Washington, D. C.
Hyde, F. A. Tiling Co., 113 E 27th, N. Y.
Interior Woodworking Co., 296 Wabash av, Chicago, Ill.
Italian Marble Mosaic Co., 431 Spruce, Phila., Pa.
Iversen, J. C. Co., 425 E Water, Milwaukee,
JACKSON, WM. H. CO., 29 E 17th (Union Square), N. Y. (See adv. index, end of book)
Keating, M. & Sons Co., 224 Wash'n, Chicago,
Lamb, J. & R. (Inc.), 59 Carmine, New York
Lautz Co., 861 Main, Buffalo, N. Y.
Lorenzen, Chas. F. & Co., 278 N Ashland av., Chicago, Ill.
Marble, Henry Co., 1628 Wabash av, Chicago, Ill.
Marthens, Chester N. Co., 225 Dearborn, Chicago, Ill.
Mosaic Marble & Enamel Co., ft Hudson, Buffalo, N. Y.
Motley, Peter, 750 S Broad, Phila., Pa.
Naething-Leslie Tiling Co., 1123 B'way, N. Y.
National Building Supply Co., Record bldg, Baltimore, Md.
National Mosaic Co., 207 Jno. Marshall pl, Washington, D. C.
New England Marble & Mosaic Co-Operative Co., 36 Chardon, Boston, Mass.
Norcross Co., 269 River, Cleveland, O.
Northwestern Mantel Co., Minneapolis, Minn.
Pellarin & Co., 23 W 8th, N. Y.
Peoria Stone & Marble Works, Peoria, Ill.
Pickel Marble & Granite Co., 1907 N B'way, St. Louis, Mo.
Pittsburg Marble Mosaic Co., 3448 Penn av, Pittsburg, Pa.
Rossman, Robert, 149 W 24th, New York
Salagona & Co., 422 W 15th, New York
Schoone Mosaic Co., Cincinnati, O.
Schilling Co., 43 Eagle, Albany, N. Y.
Schubert Mosaic Tile Co., 1225 Irwin av, Allegheny, Pa.
Sharpless & Watts, 1522 Chestnut, Phila., Pa.
Sherman & Flavin (Inc.), 2515 State, Chicago
Shipway, Jno. H. & Bro., ft E 136th, N. Y.
Stainback-Brown Co., Litttle Rock, Ark.
Stanton, Bartley A., Cranston, R. I.
Stearns & Waterman, 90 Canal, Boston, Mass.
Stoltzenberg Co., 51 Barclay, N. Y.
Talamini Mosaic & Marble Co., Builders' Ex., Cleveland, O.
Thomson Mosaic Co., Fisher bldg, Chicago, Ill.
Thorman, Jno. H. & Co., 12 McClellan, Baltimore, Md.
Toscani Bros., 215 E 36th, N. Y.
Traitel Bros. & Co., 133 W 42d, N. Y.
Twin City Tiling Co., 16 North av, Allegheny, Pa.

Venetian Marble, Mosaic Art Co., 98 Brush, Detroit, Mich.
Venetian Mosaic & Granitoid Co., 2241 Clark av, St. Louis, Mo.
Vincent, Barstow Co., 159 Euclid av., Cleveland, O.
Vulcanite Tile & Mosaic Co.. 54 N 6th, Phila., Pa.
Wadsworth, Chester J., 1304 Euclid av, Cleveland, O.
Weary & Beck, Marquette bldg, Chicago
WEGE, CHAS., MARBLE & TILE Co. (Inc.), 375 W Rich, Columbus, O. (See adv. index, end of book)
Weller, Anton, 566 B'way, Albany, N. Y.
White & Whitmore, 38 Ann, Hartford, Conn.
Young, B. P. Co., Frick bldg, Pittsburg, Pa.

Mosaics (Roman & Venetian)

Bortoli Co., 32 W 6th, Cincinnati, O.
Cassini Mosaic & Tile Co., 10 E 7th, Cincinnati, O.
Church Art Work Co., 253 4th av, New York
Fisher, Robt. C. & Co., E 139th & Locust, New York
Hyde, F. A. Tiling Co., 113 E 27th, N. Y.
Italian Marble Mosaic Co., 431 Spruce, Phila., Pa.
JACKSON, WM. H. CO., 29 E 17th (Union Square), N. Y. (See adv. index, end of book)
Mosaic Marble & Enamel Co., Buffalo, N. Y.
Murdock Corporation (Manufacturers), 156 Boylston, Boston
National Building Supply Co., Record bldg. Baltimore, Md.
Pellarin & Co., 23 W 8th, N. Y.
Schoone Mosaic Co., Cincinnati, O.
Sharpless & Watts, 1522 Chestnut, Phila.
Sherman & Flavin, 2513 State, Chicago, Ill.
Toscani Bros., 215 E 36th, N. Y.
Traitel Bros. & Co., 133 W 42d, N. Y.
Venetian Mosaic & Granitoid Co., 2241 Clark av, St. Louis, Mo.
Vulcanite Tile & Mosaic Co., 54 N 6th, Phila., Pa.

Motor Cloth

De Ronde, Frank S. Co., 46 Cliff, N. Y., & 221 N 4th, Phila., Pa.
Standard Paint Co. (Ruberoid), 100 William, N. Y.

Motor Cycles

Consolidated Mfg. Co., Toledo, O.
Merkel Mfg. Co., Milwaukee, Wis.
Reading Standard Cycle Mfg. Co., Reading, Pa.
Waltham Mfg. Co., Orient, Waltham, Mass.
Wisconsin Mfg. Co., Racine, Wis.

Motor Lifts.

Patten, Paul B. (or Car House Pits), Salem, Mass.

Motor Starters

(See Rheostats.)

Motors (Air)

CHICAGO TOOL & SUPPLY CO., 356 Dearborn, Chicago, Ill. (See adv. index, end of book)
Conpressed Air Co., 24 State. New York
Dake Engine Co. ("Dake Reversible"), Grand Haven, Mich.
Holland Co. ("Dake" Reversible), 77 Jackson boul, Chicago, Ill.
Stow Flexible Shaft Co., N 26th & Buttonwood. Phila., Pa.
Underwood, H. B. & Co., 1025 Hamilton, Phila. Pa.

Motors (Automobile)

(See also Automobile Builders.)

Brennan Motor Co. (Gasoline), Syracuse, N. Y.
Buffalo Gasoline Motor Co., Buffalo, N. Y.
Crest Mfg. Co. (Gasoline), Cambridgeport, Mass.
Elwell-Parker Electric Co. ("Standard" Electric), Cleveland, O.
Funcke, A. H. ("Kelecom," Imported), 325 B'way, N. Y.
Gas Engine & Power Co. & Chas. L. Scabury & Co. (Gasoline), 11 B'way, New York, & Morris Heights, N. Y.
Hoffman, H. L. Motor Co. (4-Cycle Gasoline), 30 W Randolph, Chicago
Holland Auto Co., Jersey City, N. J.
Kidder Motor & Vehicle Co., New Haven, Conn.
Lincoln Electric Co., Cleveland, O.
Lowell Model Co. (Gasoline), Lowell, Mass.
Motor Vehicle Power Co. (Gasoline), 310 N 16th, Phila., Pa.
Neustadt-Perry Co., 826 S 18th, St. Louis, Mo.
Oneida Automobile Co. (Steam), Oneida, N. Y.
Palmer Bros. (Gasoline), Cos Cob, Conn.
Rider Boiler Co. (Steam), 131 Liberty, N. Y.
St. Louis Gas & Gasoline Engine Works, 2519 S 2d, St. Louis, Mo.
Thomas, E. R. Motor Co. (Gasoline), Buffalo, N. Y.
Thresher Electric Co., Dayton, O.
Waltham Mfg. Co., Waltham, Mass.

Motors (Battery)

Kendrick & Davis, Lebanon, N. H.
Ohio Electric Works, 76 Ellen, Cleveland, O.

Motors (Buffing)

Dilge Mfg. & Trading Co. ("Acme" for Polishing Silverware & Metals), 663 E 163d, New York

Motors (Cycle)

Eureka Mfg. & Supply Co., St. Paul, Minn.
Graves Motor Mfg. Co., St. Paul, Minn.
Lowell Model Co., Lowell, Mass.
Thomas, E. R. Motor Co., Buffalo, N. Y.

Motors (Electric)

(See also Dynamo & Motor Mfrs.)

Akron Electrical Mfg. Co., Akron, O.
Barrett Electric Co. (1-4 to 15 h. p.), Cincinnati, O.
Burns, M. F., 20 Spring, Rochester, N. Y.
Eck Dynamo & Motor Works (Types 1-32 to 5 h.-p.), Bellevillc, N. J
ELEKTRON MFG. CO., Springfield. Mass.; 179 Lincoln, Boston, Mass.; 408 Orchard, Rochester, N. Y.; 156 5th av, New York, & Washington Loan & Trust Co. bldg, Washington, D. C. (See adv. index, end of book)
Elwell-Parker Co. (Slow Speed), Cleveland, O.
Emerson Electric Mfg. Co., 2030 Wash'n av, St. Louis Mo.
Falcon Electric Mfg. Co., 432 E 71st, N. Y.
Federal Electric Co., Erie, Pa.
Garden City Fan Co., 42 S Clinton, Chicago, Ill.
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, N. Y. (See adv. index, end of book)
General Incandescent Arc Light Co., 529 W 34th, New York
Jantz & Leist Electric Co. (Enclosed Type. 1½ to 15 h. p.), 808 Elm, Cincinnati, O.
Lincoln Electric Co. (Small), Cleveland, O.
Mechanical Appliance Co. ("Watson," Multipolar), Milwaukee, Wis.
Milwaukee Electric Co., Milwaukee, Wis.
Motor Mfg. Co., Eureka, Cal.
National Electric Co. (The "Ceco" Power), Milwaukee, Wis.
Northern Electrical Mfg. Co. (⅛ to 2 h.-p.) Madison, Wis
PHOENIX ELECTRIC MFG. CO., Mansfield, O. (See adv. index, end of book)
Portland Co. (Slow Speed), Portland, Me.
Quaker City Electric Co., 2036 W Lippincott. Phila., Pa.
Specialty Mfg. Co., Indianapolis, Ind.
SPRAGUE ELECTRIC CO. (Direct Current), 527 W 34th, New York. (See adv. index, end of book)
Sterling Electric Motor Co., Dayton, O.
Stow Mfg. Co. (Multi-Speed), Binghamton, N. Y.
STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S Clinton, Chicago; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria st, London, Eng. (See adv. index, end of book)
Submerged Electric Motor Co., Menominie, Wis.
Triumph Electric & Ice Machine Co., 610 Baymiller, Cincinnati, O.
WESTINGHOUSE ELEC. & MFG. CO. (Direct Current), Pittsburg, Pa. District Offices—New York, Atlanta, Dallas, Baltimore, Boston, Buffalo, Chicago, Cincinnati, Clevcland, Detroit, Los Angeles, Minneapolis, New Orleans, Philadelphia, Pittsburg, St. Louis, Salt Lake City, San Francisco, Syracuse, Seattle, Denver, Mountain Electric Co.; Canada, Canadian Westinghouse Co., Limited, Hamilton, Ontario; Mexico, G. & O. Braniff & Co., City of Mexico. (See adv. index, end of book)

Motors (Electric Crane)

BROWNING ENGINEERING CO. (1 to 50 h. p.), Clcveland, O. (See adv. index, end of book)
Commercial Electric Co., Indianapolis, Ind.
Crocker-Wheeler Co., Ampere, N. J., & 39 Cortlandt, N. Y.
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, N. Y. City. (See adv. index, end of book)
PHOENIX ELECTRIC MFG. CO., Mansfield, O. (See adv. index, end of book)
SPRAGUE ELECTRIC CO., 527 W. 34th, New York. (See adv. index, end of book)
WESTINGHOUSE ELEC. & MFG. CO., Pittsburg, Pa. District Offices—New York, Atlanta. Dallas. Baltimore, Boston, Buffalo, Chicago, Cincinnati, Cincinnati, Cleve- Detroit, Los Angeles, Minneapolis, New Orleans, Philadelphia, Pittsburg, St. Louis, Salt Lake City, San Francisco, Syracuse, Seattle, Denver, Mountain Electric Co.; Canada, Canadian Westinghouse Co., Limited, Hamilton, Ontario; Mexico, G. & O. Braniff & Co., City of Mexico. (See adv. index, end of book)

Motors (Electric Elevator)

Commercial Electric Co., Indianapolis, Ind.
Crocker-Wheeler Co., Ampere, N. J., & 39 Cortlandt, N. Y.
Gilmore Electric Co., 625 E 1st, Boston, Mass.
Keystone Electric Co., Erie, Pa.
Lincoln Electric Co., Cleveland, O.
PHOENIX ELECTRIC MFG. CO., Mansfield, O. (See adv. index, end of book)
Portland Co., Portland, Me.
Triumph Electric & Ice Machine Co. ("Triumph"). 610 Baymiller, Cincinnati. O.
WARNER ELEVATOR MFG. CO., Spring Grove av, Alfred & Valley, Cincinnati, O., & 15 Park Row, New York. (See adv. index, end of book)

Motors (Electric Fan)

A. & C. Mfg. Co., Cleveland, O.
Clark & Mills Electric Co., 543 Boylston, Boston, Mass.
Colonial Electric Co. (Direct Current, Desk & Ceiling), Ravenna, O.
Emerson Electric Mfg. Co. (Alternating Desk Bracket & Ceiling), 2030 Wash'n av, St. Louis, Mo., & 136 Liberty, New York
Falcon Electric Mfg. Co., 432 E 71st, New York
Goldmark & Wallace (Hurricane Direct Current), 67 Cortlandt, N. Y.
Menominee Electric Mfg. Co., Menominee, Mich.
Ohio Electric Works, 76 Ellen, Cleveland. O.
PHOENIX ELECTRIC MFG. CO., Mansfield, O. (See adv. index, end of book)
SPRAGUE ELECTRIC CO., 527 W. 34th, New York. (See adv. index, end of book)
Towle, Geo. C. Mfg. Co., Lancaster, Pa.
Warren Electric. & Specialty Co., Warren, O.
WESTINGHOUSE ELEC. & MFG. CO., Pittsburg, Pa. District Offices—New York, Atlanta, Dallas, Baltimore, Boston, Buffalo, Chicago, Cincinnati, Cincinnati, Cleve- Detroit, Los Angeles, Minneapolis, New Orleans, Philadelphia, Pittsburg, St. Louis,

Salt Lake City, San Francisco, Syracuse, Seattle, Denver, Mountain Electric Co.; Canada, Canadian Westinghouse Co., Limited, Hamilton, Ontario; Mexico, G. & O. Braniff & Co., City of Mexico. (See adv. index, end of book)

Motors (Electric, for Flexible Shaft)

SPRAGUE ELECTRIC CO., 527 W. 34th, New York. (See adv. index, end of book)
Storey General Electric Co., Harrison, N. J.
Stow Flexible Shaft Co., 26th & Callowhill, Phila., Pa.

Motors (Electric Mining)

GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, New York. (See adv. index, end of book)
WESTINGHOUSE ELEC. & MFG. CO., Pittsburg, Pa. District Offices—New York, Atlanta, Dallas, Baltimore, Boston, Buffalo, Chicago, Cincinnati, Cincinnati, Cleve-Detroit, Los Angeles, Minneapolis, New Orleans, Philadelphia, Pittsburg, St. Louis, Salt Lake City, San Francisco, Syracuse, Seattle, Denver, Mountain Electric Co.; Canada, Canadian Westinghouse Co., Limited, Hamilton, Ontario; Mexico, G. & O. Braniff & Co., City of Mexico. (See adv. index, end of book)

Motors (Electric Railway)

(See Generators, Street Railway.)

Motors (Electric Toy, Etc.)

Kendrick & Davis, Lebanon, N. H.

Motors for Automatic Pianos, etc.

Organ Power Co., Hartford, Conn.

Motors (Gasoline)

American Gasoline Motor Co. ("1½ to 8 h. p."), 88 W Jackson boul, Chicago
Bridgeport Motor Co., Bridgeport, Conn.
Coffee, R. W. & Sons (Inc.), Richmond, Va.
Cushman Motor Co. (Railway Tricycle), Lincoln, Neb.
Daimler Mfg. Co. (Marine & Vehicle), 939 Steinway av, Long Island City & N. Y. City
Fairfield Motor Co., Bridgeport, Conn.
Fay & Bowen (Marine), Geneva, N. Y.
Hasbrouck Motor Works (4-Cycle Marine, etc.), West Mystic, Conn.
Leland & Faulconer Mfg. Co., 480 Trombly av, Detroit, Mich.
Light Inspection Car Co., Hagerstown, Ind.
Lowell Model Co. (Vehicle), Lowell, Mass.
Michigan Steel Boat Co. (Marine), Detroit, Mich.
St. Joseph Iron Works, St. Joseph, Mich.
Swan Electric Mfg. Co., 21 State, New York
Thomas, E. R. Motor Co. (Automobile, Cycle, etc.), Buffalo, N. Y.
Wood-Gleeson Motor Co., 106 Sudbury, Boston, Mass.

Motors (Gasoline Turntable)

FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)

Motors (Induction)

GENERAL ELECTRIC CO. (Alternating Current), Schenectady, N. Y., & 44 Broad, New York. (See adv. index, end of book)
WESTINGHOUSE ELEC. & MFG. CO., Pittsburg, Pa. District Offices—New York, Atlanta, Dallas, Baltimore, Boston, Buffalo, Chicago, Cincinnati, Cincinnati, Cleve-Detroit, Los Angeles, Minneapolis, New Orleans, Philadelphia, Pittsburg, St. Louis, Salt Lake City, San Francisco, Syracuse, Seattle, Denver, Mountain Electric Co.; Canada, Canadian Westinghouse Co., Limited, Hamilton, Ontario; Mexico, G. & O. Braniff & Co., City of Mexico. (See adv. index, end of book)

Motors (Naphtha)

Gas Engine & Power Co. & Chas. L. Seabury & Co. (2 & 4 Cycle), 11 B'way, New York, & Morris Heights, New York

Motors (Organ)

American Steam Pump Co. (Hydraulic), Battle Creek, Mich.
Barker, H. R. Mfg. Co., Lowell, Mass.
Bishop & Babcock Co., Hamilton cor Kirtland, Cleveland, New York, St. Paul & Chicago
ELEKTRON MFG. CO., Springfield, Mass. (See adv. index, end of book)
Jordan Bros., 74 Beekman, New York
Kipp, A., Jr., Ossining, N. Y.
Organ Power Co. (Spencer), Hartford, Conn.
PHOENIX ELECTRIC MFG. CO., Mansfield, O. (See adv. index, end of book)
Rhodes, L. E. ("Spencer"), Hartford, Conn.
Roberts, Geo. J. Co., Dayton, O.
Ross Valve Co., Troy, N. Y.
Whitney, F. E. (The Boston), 65 Sudbury, Boston, Mass.

Motors (Organ Blowing, Electric)

ELEKTRON MFG. CO., Springfield, Mass.; 179 Lincoln, Boston, Mass.; 408 Orchard, Rochester, N. Y.; 156 5th av, New York, & Washington Loan & Trust Co. bldg, Washington, D. C. (See adv. index, end of book)
SPRAGUE ELECTRIC CO., 527 W. 34th, New York. (See adv. index, end of book)

Motors (Pneumatic)

(See Pneumatic Motors.)

Motors (Water)

A. & C. Mfg. Co., Cleveland, O.
Backus Water Motor Co., 174 Penna av, Newark, N. J.
Bates, D. L. & Bro., Dayton, O.
Bishop & Babcock Co., c Kirtland & Hamilton, Cleveland, O.; 47 Great Jones, N. Y.; St. Paul, Minn., & 180 Washington, Chicago Ill.
Brunswick Mfg. Co. ("Lucas"), Brunswick, Me.
Carlisle & Finch Co., 229 E Clifton av, Cincinnati, O.
Cassel Automatic Water Motor Co., Seattle, Wash.
Chicago Water Motor & Fan Co., 22 S Canal, Chicago, Ill.
Columbus Brass Co., Columbus, O.
Dayton Fan & Motor Co., Dayton, O.
Dicke Tool Co. (For Washing Bottles), Downers Grove, Ill.
Erwin Hydraulic Machinery Co., 204 Grand av, Milwaukee, Wis.
Excelsior Elec. & Mfg. Co., 404 Superior, Cleveland, O.
G. & E. Electric & Construction Co. ("Climax"), Binghamton, N. Y.
Gilmore Electric Co. ("Little Giant"), 625 E 1st, Boston, Mass.
Hunter Fan & Motor Co. ("Tuerk Syracuse"), Fulton, N. Y.
Illinois Malleable Iron Co., 30 W Monroe, Chicago, Ill.
Kendrick & Davis, Lebanon, N. H.
Little, Thos. A., Wheeling, W. Va.
Miller Specialty Co. (With Emery & Buffing Wheels), North Tonawanda, N. Y.
Nelson, N. O. Mfg. Co., St. Louis, Mo.
Organ Power Co. ("Spencer"), Hartford, Conn.
Pelton Water Wheel Co. (Also Direct Connected), 127 Main, San Francisco, Cal., & 143 Liberty, New York
Rhodes, L. E., Hartford, Conn.
Roberts, Geo. J. Co., Dayton, O.
Rosenberg, A. Co., Baltimore, Md.
Russell, Jno. W. (Hercules), Springfield, Mass.
Seymour & Whitlock, 43 Lawrence, Newark, N. J.
Specialty Mfg. Co., 400 S Meridian, Indianapolis, Ind.
Smith, Ira B. (Little Hustler), Bristol, Conn.
Whitney, F. E., 65 Sudbury, Boston, Mass.

Mouldings (Carved)

American Carving & Mfg. Co. (Carved, Rope & Beaded), 900 Granville av, Grand Rapids,
Central Planing Mill & Lumber Co., 3d & Q, Louisville, Ky.
Dwight Lumber Co. (Also Plain), cor Congress & 1st, Detroit, Mich.
Essex Wood Turning Co., Essex, Conn.
Foster-Munger Co. (for the trade only), W 20th & S Sangamon, Chicago, Ill.
Gauger, Jno. A. & Co., W 22d & Laflin, Chicago
Grand Rapids Carved Moulding Co., Grand Rapids, Mich.
Hall & Garrison Mfg. Co., 1124 Wash'n av, Phila., Pa.
Gould Mfg. Co. (for the trade only), Oshkosh, Wis.
Hake Mfg. Co. (Rope, Spiral & Beaded), Grand Rapids, Mich.
Hall & Garrison Co., 1124 Washington av, Philadelphia, Pa.
Hartmann, John, 13 N Jefferson, Chicago, Ill.
Hinner's, E. H. Sons, Edgewater, N. J.
Leslie, Jno., 138 W 15th, New York
McKay, A. & Co., 792 W Madison, Chicago
McMillen, R. Co. (For the Trade Only), Oshkosh, Wis.
Michigan Toy & Novelty Co., Holland, Mich.
Morgan Co. (For the Trade Only), Oshkosh, Wis., & W 22d & S Union, Chicago, Ill.
Nelson, C. T. Co., Columbus, Ohio
New York Carved Moulding Co., 771 1st av, N. Y.
Ohio Scroll & Lumber Co., Covington, Ky.
Palmer, Fuller & Co., 2244 Lumber, Chicago
Parker, Edwin C., 519 W 30th, New York
Pierce, W. E. & Co., Milford, N. H.
Poppert, Geo. Mfg. Co., 419 Poplar, Milwaukee, Wis.
Roberts, E. L. & Co. (For the Trade Only), W 22d & Union pl, Chicago
STEARNS, A. T. LUMBER CO., Neponset, & 166 Devonshire, Boston, Mass. (See adv. index, end of book)
Vicker, G. P. Mfg. Co., 1109 W Main, Louisville, Ky.
Waddell Mfg. Co., Grand Rapids, Mich.

Mouldings (Composition)

(See Ornaments, Composition.)

Mouldings (Copper, Brass & Bronze)

Ansonia Brass & Copper Co., Ansonia, Conn., & 99 John, New York
BENEDICT & BURNHAM MFG. CO., Waterbury, Conn.; 253 B'way, New York; 172 High, Boston, Mass.; 167 Lake, Chicago (See adv. index, end of book)
Bridgeport Brass Co., Bridgeport, Conn., & 19 Murray, N. Y.
Coe Brass Mfg. Co., Torrington, Conn.
Holmes, Booth & Haydens Co., Waterbury, Conn., & 37 Park place, New York
Hungerford, U. T. Brass & Copper Co., 497 Pearl, New York
JONES, TREVOR F. & CO., 374 W Broadway, New York. (See adv. index, end of book)
Manhattan Brass Co., 334 E 28th, New York
Rome Brass & Copper Co., Rome, N. Y., & 100 William, New York

Mouldings (Cypress)

CYPRESS LUMBER CO., 153 Milk, Boston, Mass., & Apalachicola, Fla. (See adv. index, end of book)

Mouldings (Electrical, Wood)

(See also Woodwork, Electrical.)

Johnson Bros., 45 Classon av, Brooklyn, N. Y.
Lever, C. H. Mfg. Co., 19 N Jefferson, Chicago
Noblett, E. J. Co., 898 35th, Chicago
Robinson, J. & J. & Co., Bloomsburg, Pa.
Saulpaugh's, J. M. Sons, 706 E 12th, N. Y.
Shelp, H. H. Mfg. Co., 529 Columbia av, Philadelphia, Pa.
Wright & Craycroft, 542 W 21st, Chicago, Ill.

Mouldings (Embossed)

Anderson & Lind, 181 Iowa, Chicago
Bilek, Stephen Co., 306 S Clinton, Chicago
Boynton & Co., 67 W Wash'n, Chicago
Diebold Lumber & Mfg. Co., 99 Wabash, Pittsburg, Pa.
Fitzgerald, Speer & Co., Pen Argyl, Pa.
Gebhardt, J. F., Calyer & Newell, Brooklyn, N. Y.
L'Hote Lumber Mfg. Co., n Liberty & Toulouse, New Orleans, La.
Lidell & Williams, 597 Austin, Chicago
Mertz's, Geo. Sons, Porchester, N. Y.
Michigan Toy & Novelty Co., Holland, Mich.
New York Carved Moulding Co., 771 1st av, N.Y.
Ohio Scroll & Lumber Co., Covington, Ky.
Paine Lumber Co. (For the Trade Only), Oshkosh, Wis., & 1 Madison av, N. Y.
Pierce, W. E. & Co., Milford, N. H.
Rock Island Sash & Door Works, Rock Island, Ill.
Stoehr, A. & Co., 305 Findlay, Cincinnati, O.

Mouldings (German Silver)

(See Mouldings, Copper, Brass, etc.)

Mouldings (Picture & Room)

SCHRAFFT, A. & CO. (Inc.), 69 Polk, Newark, N. J.

Mouldings (Rope & Twisted, Etc.)

American Carving & Mfg. Co. (Carved, Rope & Beaded), 900 Grandville av, Grand Rapids, Mich.
Boynton & Co., 67 W Washington, Chicago
Doty, G. W. Co. (Turned, Beaded), 107 W Monroe, Chicago
Ehnborn, C. & Co., 19 N Jefferson, Chicago, Ill.
Ellsworth Hardwood Co. (Also Ball), Ellsworth, Me.
Essex Wood Turning Co., Essex, Conn.
Foster-Munger Co. (For the Trade Only), W 20th & S Sangamon, Chicago, Ill.
Grand Rapids Carved Moulding Co., Grand Rapids, Mich.
Hake Mfg. Co., Grand Rapids, Mich.
L'Hote Lumber Mfg. Co., N. Liberty & Toulouse, New Orleans, La.
Lidell & Williams (Embossed), 597 Austin av, Chicago
Mertz's, Geo. Sons, Port Chester, N. Y.
Michigan Toy & Novelty Co., Holland, Mich.
Morgan Co. (For the Trade Only), Oshkosh, Wis., & W 22d & S Union, Chicago, Ill.
New York Carved Moulding Co., 771 1st av, New York
Ohio Scroll & Lumber Co., Covington, Ky.
Pierce, W. E. & Co., Milford, N. H.
Prendergast, J., 143 N Hermitage av, Chicago, Ill.
Roberts, E. L. & Co. (For the Trade Only), W 22d & Union pl, Chicago, Ill.
Rutishauser, E., 67 N Sangamon, Chicago, Ill.
Waddell Mfg. Co., Grand Rapids, Mich.

Mouldings (Sheet Metal)

Broschart & Braun, 607 W 130th, N. Y.
DAHLSTROM METALLIC DOOR CO., Jamestown, N. Y., & 149 B'way, New York. (See adv. index, end of book)
FRIEDLEY & VOSHARDT, 196 Mather, Chicago. (See adv. index, end of book)
Gerock Bros. Mfg. Co., 1252 Manchester av, St. Louis, Mo.
Lee, Thos. (Circular), 130 W 2d, Cincinnati, O.
Miller & Doing, 83 Washington, Brooklyn, N. Y.
MILWAUKEE CORRUGATING CO., Milwaukee, Wis. (See adv. index, end of book)
Mullins, W. H., Salem, O.
Treftz Bros. (Nickel, Silver, etc.), 542 E 33d, Chicago
White, James, 446 Adelphia, Brooklyn, N. Y.

Mouldings (Steel)

BRAUN, J. G. (for Store Fronts, Stairways, Elevator Enclosures, etc.), 322 S Paulina, Chicago, & 554 W 36th, New York. (See adv. index, end of book)

Moulds (Bullion)

Allis-Chalmers Co., Office, Home Ins. bldg. Works, Chicago, Milwaukee & Scranton, Pa.

Moulds (Ingot)

(See Molds, Ingot.)

Moulds (Rubber Tire)

ELMES. CHAS. F. ENGINEERING Works, Fulton c N Sangamon, Chicago, Ill. (See adv. index, end of book)

Mower & Reaper Sections

Akron Machine Co., Akron, O.
Henry & Allen, Auburn, N. Y.
Herschel, R. Mfg. Co., Peoria, Ill.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)

Mowers & Reapers

(See also Agricultural Implement Mfrs.)

Acme Harvester Co. (Mowers), Peoria, Ill.
Adriance, Platt & Co. (Geared or Chain Mowers & "Adriance" & "Triumph" Reapers), Poughkeepsie, N. Y.
Akron Machine Co., Akron, O.
American Grass Twine Co., St. Paul, Minn.
American Seeding Machine Co., Main Office, Springfield, O. Works, Louisville, Ky.; Macedon, N. Y., & Richmond, Ind.
Aultman, Miller, Buckeye Co., Akron, O.
Aultman & Taylor Machinery Co., Mansfield, O.
Bradley, David Mfg. Co., Bradley, Ill.
Emerson Mfg. Co., Rockford, Ill.
Eureka Mower Co., Utica, N. Y.
Farquhar, A. B. Co. (Ltd.), York, Pa.
Fuller & Johnson Mfg. Co., Madison, Wis.
International Harvester Co., 9 Monroe, Chicago, Ill.
Janesville Machine Co., Janesville, Wis.
Johnston Harvester Co., Batavia, N. Y.
Messinger Mfg. Co., Tatamy, Pa.
Osborne, D. M. & Co., Auburn, N. Y.
Richardson Mfg. Co. (Mowers), Worcester, Mass.
Seiberling & Miller, Doylestown, O.
Sweet, Geo. Mfg. Co., Dansville, N. Y.
Wayne Works, Richmond, Ind.
Wood, W. A. Mowing & Reading Machine Co., Hoosick Falls, N. Y.

Mucilage (Drawing Board & Library)

SOLTMANN, E. G. (Also everything for the Architect, Engineer & Draughting Room), 125 E 42d, New York. (See adv. index, end of book)

Muffle Furnace Fronts

Bethlehem Foundry & Machine Co. (For Chemical Mfrs., etc.), South Bethlehem, Pa.

Muffles (Enameling)

Brooklyn Fire Brick Wks., Brooklyn, N. Y.

Nail-Grip

LEVERING, O. D. ("Capitol"), 84 N 4th, Columbus, O. (See adv. index, end of book)

Nail Mill Machinery

(See Machinery, Nail Mill.)

Nail Sets

Bemis & Call Hardware & Tool Co., Springfield, Mass.
Braunsdorf-Muller Co., Elizabeth, N. J.
Buck Bros., Milbury, Mass.
Burkinshaw's, A. Sons, Pepperell, Mass.
Deuse, J. S., Chester, Conn.
Ducharmes & Co., Shelburne Falls, Mass.
Goodell-Pratt Co., Greenfield, Mass.
Hathern Mfg. Co., Bangor Me.
Hurwood Mfg. Co. (Inc.), Bridgeport, Conn.
Keystone Mfg. Co., 41 Chandler, Buffalo, N. Y.
Mayhew, H. H. Co., Shelburne Falls, Mass.
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 27 Murray, New York
Sawyer Tool Mfg. Co., Fitchburg, Mass.
Snell Mfg. Co., Fiskdale, Mass., & 1 Madison av, New York
Springfield Machine Screw Co. ("Diamond"), Springfield, Mass.
Starrett, L. S. Co., Athol, Mass.
Stortz, John & Son, 210 Vine, Phila., Pa.
Syracuse Twist Drill Co., Syracuse, N. Y.

Nails (Barbed)

Corbin Screw Corporation (Steel Wire), New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, Ill., & 925 Market, Phila., Pa.

Nails (Barrel)

AMERICAN STEEL & WIRE CO., Rookery, Chicago; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & 16th & Folsom, San Francisco, Col. (See adv. index, end of book)
Corbin Screw Corporation (Steel Wire), New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, Ill., 925 Market, Phila., Pa.
Indianapolis Staple & Tack Co., Indianapolis, Ind.
Kokomo Steel & Wire Co., Kokomo, Ind.
La Belle Iron Works, Steubenville, O., & Wheeling, W. Va.
Phillips, Townsend & Co., N 4th & Glenwood av, Phila., Pa.
Van Alen & Co. (Cut), Northumberland, Pa.
Stanley, Geo. W. Co., Belleville, Ill.

Nails (Box)

AMERICAN STEEL & WIRE CO., Rookery, Chicago; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & 16th & Folsom, San Francisco, Col. (See adv. index, end of book)
Corbin Screw Corporation (Steel Wire), New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, Ill., & 925 Market, Phila., Pa.
Kokomo Steel & Wire Co., Kokomo, Ind.
La Belle Iron Works, Steubenville, O., & Wheeling, W. Va.
Phillips, Townsend & Co., N 4th & Glenwood av, Phila., Pa.
Sharon Steel Co., Sharon, Pa.
Taunton Wire Nail Co. (Blind, Rugby, etc.), Taunton, Mass.
Van Alen & Co. (Cut), Northumberland, Pa.

Nails (Brass Headed)

American Ring Co., Waterbury, Conn.

Nails (Brass & Copper)

AMERICAN STEEL & WIRE CO., Rookery, Chicago; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & 16th & Folsom, San Francisco, Cal. (See adv. index, end of book)
Berbecker & Rowland Mfg. Co., Waterville, Conn.
Cobb & Drew, Plymouth, Mass., & Rock Falls, Ill.
Grand Crossing Tack Co., S Chicago av & 79th, Chicago, Ill.
HUNGERFORD, U. T. BRASS & COPPER CO., 497 Pearl, New York
Hussey, C. G. & Co., 2850 2d av, Pittsburg, Pa.
International Brass & Electric Co. (Hexagon Machine Made), 76 Beekman, N. Y.
Milwaukee Tack Co., Milwaukee, Wis.
Phillips, E. & Sons, South Hanover, Mass.
Rome Brass & Copper Co., Rome, N. Y., & 100 William, New York
Salem Nail Co. (Copper), 279 Pearl, New York
Taunton-New Bedford Copper Co. (Copper, Yellow Metal Only), New Bedford & Taunton, Mass.

Nails (Carpet)

Corbin Screw Corporation (Steel Wire), New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, Ill., & 925 Market, Phila., Pa.

Nails (Cement Coated Wire)

Pearson, J. C. Co., Merchants' Loan & Trust bldg, Chicago, Ill.; 945 B'way, New York, & Boston, Mass.

Nails (Cigar Box)

Crescent Machine Co., 101 W Adams av, Detroit, Mich.

Nails (Clout)

Indianapolis Staple & Tack Co., Indianapolis, Ind.
La Belle Iron Works, Steubenville, O., & Wheeling, W. Va.
Phillips, E. & Sons, South Hanover, Mass.
Stanley, Geo. W. Co., Belleville, Ill.
Superior Tack & Nail Co., Pen Yan, N. Y.
Tower Mfg. Co., Front & Elm, Cincinnati, O., & Madison, Ind.
Van Alen & Co. (Cut), Northumberland, Pa.

Nails (Clutch)

DE HAVEN MFG. CO., 50 Columbia Heights, Brooklyn, N. Y. (See adv. index, end of book)
Indianapolis Staple & Tack Co., Indianapolis, Ind.
Phillips, Townsend & Co., N 4th & Glenwood av, Phila., Pa.

Nails (Corrugated)

Corrugated Steel Nail Co. (Steel), Springfield, O.
Phillips, E. & Sons (Brass & Iron), South Hanover, Mass.

Nails (Cut)

Bailey, Chas. L. & Co. (Inc.), (104 Machines), Harrisburg, Pa.
Belfont Iron Works Co. (126 Machines), Ironton, O.
Chicago Steel Mfg. Co., Hammond, Ind.
Duncannon Iron Co. (50 Machines), Duncannon, Pa., & 122 Race, Phila., Pa.
Ellis & Lessig Steel & Iron Co. (105 Machines), Pottstown, Pa.
Godcharles, F. A. Co. (89 Machines), Milton, Pa.
Hartman, Hay & Reis (62 Machines), Belleville, Ill.
Hollidaysburg Iron & Nail Co. (23 Machines), Hollidaysburg, Pa.
Indianapolis Staple & Tack Co., Indianapolis, Ind.
Judson Mfg. Co., Howard c Beale, San Francisco, Cal.
Kelly Nail & Iron Co. (120 Machines), Ironton, O.
La Belle Iron Works (173 Machines), Steubenville, O.
Norton Iron Works (Inc.), (126 Machines), Ashland, Ky., & Kanawha, W. Va.
Old Dominion Iron & Nail Works Co. (Iron), (139 Machines), Richmond, Va.
Pickering, R. S., Sharon Hill, Pa.
Plymouth Mills, Plymouth, Mass.
Republic Iron & Steel Co., General Offices, 1st Natl. B'k bldg, Chicago; District Sales Offices, Buffalo, Cleveland, O.; Birmingham, Ala.; 64 B'way, New York; St. Louis, St. Paul, Minn.; Cincinnati, O., & Frick bldg, Pittsburg, Pa.
Salem Nail Co. (Galvanized, Tinned, Copper, Steel, etc.), 279 Pearl, New York
Tremont Nail Co. (150 Machines), West Wareham, Mass., & 76 Pearl, Boston, Mass.
Van Alen & Co. (Iron & Steel), Northumberland, Pa.
Wheeling Iron & Steel Co., Wheeling, W. Va.
Williamsport Iron & Nail Co., 87 Machines), Williamsport, Pa.

Nails (Finishing)

AMERICAN STEEL & WIRE CO. Rookery, Chicago; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & San Francisco, Cal. (See adv. index, end end of book)
Corbin Screw Corporation (Smooth Steel Wire), New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, Ill., & 925 Market, Phila., Pa.
Kokomo Steel & Wire Co., Kokomo, Ind.
La Belle Iron Works, Steubenville, O., & Wheeling, W. Va.
Phillips, Townsend & Co., N 4th & Glenwood av, Phila., Pa.
Tower Mfg. Co., Front & Elm, Cincinnati, O., & Madison, Ind.
Van Alen & Co. (Cut), Northumberland, Pa.
Wheeling Steel & Iron Co., Wheeling, W. Va.

Nails (Galvanized)

Keystone Nail Co., Wash'n av above 16th, Phila., Pa.
UNITED GALVANIZING CO. (Inc.), 525 N Front, Phila., Pa. (See adv. index. end of book)

Nails (Gilt)

Ossawan Mills Co., Norwich, Conn.

Nails (Hoop)

Indianapolis Staple & Tack Co., Indianapolis, Ind.
La Belle Iron Works, Steubenville, O., & Wheeling, W. Va.
Stanley, Geo. W. Co., Belleville, Ill.
Tower Mfg. Co., Front & Elm, Cincinnati, O., & Madison, Ind.
Wheeling Iron & Steel Co., Wheeling, W. Va.

Nails (Horse)

Ausable Horse Nail Co., Keesville, N. Y.
Capewell Horse Nail Co., Hartford, Conn.
Coleman Nail Co., Pawtucket, R. I.
Essex Horse Nail Co., Ltd., Essex, N. Y.
Fowler Nail Co., Seymour, Conn.
Kankakee Nail Co., Kankakee, Ill.
Livingston Nail Co., 104 Reade, New York
National Horse Nail Co., Vergennes, Vt.
Mooney, W. M. & Co., Au Sable Chasm, N. Y.
Putnam Nail Co., Neponset, Boston, Mass.
Standard Horse Nail Co., New Brighton, Pa.
Union Horse Nail Co., 583 W 22d, Chicago, Ill.

Nails (Papier Mache)

Atlas Tack Co., Fairhaven, Mass.

Nails (Picture)

Ossawan Mills Co., Norwich, Conn.
Turner & Seymour Mfg. Co., Torrington, Conn.

Nails (Roofing & Slating)

Anchor Nail & Tack Works, S 19th & Merriman, Pittsburg, Pa.
Atlas Tack Co., Fairhaven, Mass.
Corbin Screw Corporation (Steel Wire; also Barbed), New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, Ill., & 025 Market, Phila., Pa.
Grand Crossing Tack Co., S Chicago av & 79th, Grand Crossing, Ill.
HUNGERFORD, U. T. BRASS & COPPER CO. (Copper & Yellow Metal), 497 Pearl, New York
Kokomo Steel & Wire Co., Kokomo, Ind.
La Belle Iron Works, Wheeling, W. Va.
MILWAUKEE CORRUGATING CO., Milwaukee, Wis. (See adv. index, end of book)
Milwaukee Tack Co., Milwaukee, Wis.
Old Dominion Iron & Nail Works Co., Richmond, Va.
PATENT VULCANITE ROOFING CO., 25 S Campbell av, Chicago, Ill. (See adv. Index, end of book)
Phillips, E. & Sons, So. Hanover, Mass.
Phillips, Townsend & Co., N 4th & Glenwood av, Phila., Pa.
Salem Nail Co. (Copper, Galvanized, Tinned, Yellow Metal, Zinc & Lead), 279 Pearl, N. Y.
Taunton & New Bedford Copper Co., New Bedford & Taunton, Mass.
Tower Mfg. Co., Front & Elm, Cincinnati, O., & Madison, Ind.
Van Alen & Co., Northumberland, Pa.
Wheeling Steel & Iron Co., Wheeling, W. Va.
Wire Goods Co., Worcester, Mass.

Nails (Saddle & Lining)

Atlas Tack Co., Fairhaven, Mass.
Phillips, Townsend & Co., N 4th & Glenwood av, Phila., Pa.

Nails (Screw Head)

Hassell, Jno., 169 Elm, N. Y.
Roebling's Jno. A. Sons Co., Trenton, N. J.; 117 Liberty, New York; 171 Lake, Chicago, & San Francisco, Cal.

Nails (Shingle)

Corbin Screw Corporation, New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, Ill., & 925 Market, Phila., Pa.
La Belle Iron Works, Steubenville, O.
Miller's, H. J. Sons (Genuine Iron), Bridgewater, Mass.

Nails (Shoe)

Anchor Nail & Tack Works, S 19th & Merriman, Pittsburg, Pa.
Globe Mfg. Co., Taunton, Mass.
Grand Crossing Tack Co., S Chicago av & 79th, Chicago, Ill.
Judson Mfg. Co., San Francisco, Cal.
Millers', H. J. Sons (Shoe & Machine Shoe), Bridgewater, Conn.
Phillips, E. & Sons (Also Machine, Shoe, Brass & Copper Shoe), S Hanover, Mass.
Tower Mfg. Co., Front & Elm, Cincinnati, O., & Madison, Ind.

Nails (Small)

(See also Tack Mfrs.)

AMERICAN STEEL & WIRE CO., The Rookery, Chicago; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & 16th & Folsom, San Francisco, Cal. (See adv. index, end of book)
Anchor Nail & Tack Works (Cut), S 19th & Merriman, Pittsburg, Pa.

Atlas Tack Co., Fairhaven, Mass.
Cleveland Tack Works, Cleveland, O.
Cobb & Drew, Plymouth, Mass., & Rock Falls, Ill.
Corbin Screw Corporation, New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, Ill., & 925 Market, Phila., Pa.
Fuller, G. E. & A. I., Keene, N. H.
Hartman, Hays & Reis, Belleville, Ill.
Hassall, John, 169 Elm, New York
Kirk-Latty Mfg. Co. (Clout, Truck, etc.), Cleveland, O.
Kokomo Steel & Wire Co. (Wire), Kokomo, Ind.
National Screw & Tack Co., Cleveland, O.
National Steel & Wire Co. (Wire), New Haven, Conn., & 114 Liberty, New York
Phillips, E. Sons (Iron, Steel, Copper, Brass & Zinc), S Hanover, Mass.
Rhodes, M. M. & Sons Co. (Upholstery), Taunton, Mass.
Salem Nail Co., 279 Pearl, New York
Shelton Co., Derby, Conn.
Stanley, Geo. W. Co., Belleville, Ill.
Superior Tack & Nail Co.(Cut), Pen Yan, N. Y.
Taunton Wire Nail Co., Taunton, Mass.
Torrington Mfg. Co. (Furniture), Torrington, Conn.
Tower Mfg. Co. (Basket Hoop, etc.), Front & Elm, Cincinnati, O., & Madison, Ind.
Wheeling Steel & Iron Co., Wheeling, W. Va.

Nails (Special)

La Belle Iron Works, Steubenville, O., & Wheeling, W. Va.
Wheeling Steel & Iron Co., Wheeling, W. Va.

Nails (Stay)

Brewer Bros. (Wrought), 614 Filbert, Phila., Pa.

Nails (Tobacco)

Corbin Screw Corporation, New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, Ill., & 925 Market, Phila., Pa.

Nails (Trunk)

Superior Tack & Nail Co., Pen Yan, N. Y.
Tower Mfg. Co., Front & Eim, Cincinnati, O., & Madison, Ind.

Nails (Upholsterers')

Hungerford, U. T. Brass & Copper Co., 497 Pearl, New York
Tockwooton Co., Providence, R. I.

Nails (Wire)

Alabama Steel & Wire Co., Birmingham, Ala.
AMERICAN STEEL & WIRE CO. ("Standard" Miscellaneous), The Rookery, Chicago, Ill.; 71 B'way, New York, & San Francisco, Cal. (See adv. index, end of book)
Atlas Tack Co. (And Wire Tacks), Fairhaven, Mass.
Cedarburg Wire, Wire Nail & Screw Co. (Sizes ¼ to 4 in.), Cedarburg, Wis.
Colorado Fuel & Iron Co., Denver, Colo.
Corbin Screw Corporation (Steel), New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, Ill., & 925 Market, Phila., Pa.
Crawfordsville Wire & Nail Co. (All Sizes), Crawfordsville, Ind.
Cuyahoga Steel & Wire Co., Cuyahoga Falls, O.
Cuyahoga Wire & Fence Co., New Castle, Pa.
Dillon-Griswold Wire Co. (All Sizes), Sterling, Ill.
Globe Mfg. Co., Taunton, Mass.
Grand Crossing Tack Co. (All Sizes), 79th & S Chicago av, Chicago, Ill.
Griswold Wire Co., Braddock, Pa.
Gurney, D. B. (Sizes up to 20 Penny; 333 Machines), Whitman, Mass.
Hartman, Hays & Reis, Belleville, Ill.
Igoe Iron & Steel Co. (3-8 to 6-inch), 226 N. 9th, Brooklyn, N. Y.
Illinois Nail Co., 3 Dix, Chicago, Ill.
Indiana Steel Wire Co., Muncie, Ind.
Janesville Barb Wire Co. (2 to 60 Penny), Janesville, Wis.
Judson Mfg. Co., c Howard & Beale, San Francisco, Cal.
Kokomo Steel & Wire Nail Co., Kokomo, Ind.
Lawrence Bros., Sterling, Ill.
Milwaukee Tack Co. (Small Only), Layton Park, Milwaukee, Wis.
National Steel & Wire Co., New Haven, Conn., & 114 Liberty, New York
New Process Steel & Wire Co., East St. Louis, Ill.
Norton Iron Works (50 Machines), Ashland, Ky., & Kanawka, W. Va.
Page Woven Wire Fence Co., Odrian, Mich.
Phillips, Townsend & Co. (All Sizes), N 4th & Glenwood av, Phila., Pa.
Pittsburg Steel Co., 307 4th av, Pittsburg, Pa.
Plymouth Mills (Small), Plymouth, Mass.
Reading Screw Co., Norristown, Pa.
Roebling's, John A. Sons Co. (All Sizes), Trenton, N. J.; 117 Liberty, New York; 171 Lake, Chicago, Ill., & San Francisco, Cal.
Salem Nail Co. (All Sizes and Kinds), 279 Pearl, New York
Stanley, Geo. W. Co. (Small Wire & Cut), Belleville, Ill.
Superior Tack & Nail Co., Pen Yan, N. Y.
Taunton Tack Co. (Up to 4 inches; 90 Machines), Taunton, Mass.
Taunton Wire Nail Co. (Sizes ⅛ to 8-inch; 30 Machines), Taunton, Mass.
Titchener, E. H. & Co. (Up to 3-inch), Binghamton, N. Y.
Tower Mfg. Co., Front & Elm, Cincinnati, O., & Madison, Ind.
Townsend, C. C. & E. P. (Up to 60 Penny), New Brighton, Pa.
Wire Goods Co. (All Sizes & Kinds; 100 Machines), 20 Union, Worcester, Mass.
Wickwire Bros., Cortland, N. Y.

Name Plates

American Brass & Mfg. Co., 409 S 2d, St. Louis, Mo.
American Railway Supply Co., 24 Park pl, New York
Anderton, Ralph L., 210 Grand, New York
Ashbery, Henry C., 16 Seneca, Buffalo, N. Y.
Becker, August Engraving Co., 247 Atlantic av, Boston, Mass.
Bridgeport Deoxidized Bronze & Metal Co., Bridgeport, Conn.
CHICAGO METAL SIGN CO., 28 N Canal, Chicago, Ill. (See adv. index, end of book)
CINCINNATI MFG. CO., 1243 W 6th, Cincinnati, O. (See adv. index, end of book)
Corbin Cabinet Lock Co. (Wrought, Brass, etc.). New Britain, Conn.
Crowe Metal Mfg. Co., 71 W Jackson boul. Chicago, Ill.
Eastwood Wire Mfg. Co. (Bronze Finish). Belleville, N. J
Edwardsville Brass Co., Edwardsville, Ill.
Franklin, H. H. Mfg. Co., 208 S Geddes, Syracuse, N. Y.
G. & P. Engraving Co., 185 Franklin, Boston, Mass.
Imperial Enamel Co., 100 William, New York
Kokomo Fence Machine Co. (Nickel & Aluminum), Kokomo, Ind.
Murdock Corporation, 156 Boylston, Boston, Mass.
Ness, Geo. M., Jr., 61 Fulton, New York
New York Stencil Works, 100 Nassau, New York
Norwalk Lock Co., South Norwalk, Conn.
Reading Hardware Co., Reading, Pa.; 96 Reade, N. Y.; Phila., Pa., & Chicago, Ill.
Robbins, John Mfg. Co., 58 Kneeland, Boston, Mass.
Rowell, W. G. & Co., Bridgeport, Conn.
Russell & Erwin Mfg. Co., New Britain, Conn., & 43 Chambers, New York
Schwerdtle Stamp Co., Bridgeport, Conn.
Scoville Mfg. Co., Waterbury, Conn.; 423 Broome, New York, & 210 Lake, Chicago, Ill.
Smith, Jos. N. & Co., Detroit, Mich.
Torrey Roller Bushing Works, Bath, Me.
Turner Brass Works, Franklin & Michigan, Chicago, Ill.
Wolverine Brass Works, Grand Rapids, Mich
Woodman, R. Mfg. & Supply Co., 63 Oliver, Boston, Mass.

Name Plates (Machinery)

(See also Name Plates.)

American Brass & Mfg. Co., 409 S 2d, St. Louis, Mo.
Anderton, Ralph L., 210 Grand, New York
Ashbery, Henry C., 16 Seneca, Buffalo, N. Y.
Becker, August Engraving Co., 247 Atlantic av, Boston, Mass.
CHICAGO METAL SIGN CO., 28 N Canal, Chicago, Ill. (See adv. index, end of book)
Clark, Jno. W., Albany, N. Y.
Crowe Metal Mfg. Co. (Also Carriage), 71 W Jackson boul, Chicago, Ill.
Eastwood Wire Mfg. Co., Belleville, N. J.
G. & P. Engraving Co., 185 Franklin, Boston, Mass.
Murdock Corporation, 156 Boylston, Boston, Mass.
Roovers Mfg. Co., 10 W 23d, New York
Rowell, W. G. & Co., Bridgeport, Conn.
Schwerdtle Stamp Co., 35 Fairfield av, Bridgeport, Conn.
Torrey Roller Bushing Works, Bath, Me.
Turner Brass Works, Franklin c Michigan, Chicago, Ill.
Woodman, R. Mfg. & Supply Co., 63 Oliver, Boston, Mass.

Name Plates (Transfer)

MYERCORD CO., Cham. of Com. bldg, Chicago, Ill. (See adv. index, end of book)

Naphtha Refiners

Day Chemical Co. (Wood Naphtha), Westline, Pa.
Merchants Refining Co., Buffalo, N. Y.
Miller's, A. D. Sons Co., Allegheny, Pa.
Paragon Refining Co., Toledo, O.
Sunlight Oil & Gasoline Co., 217 Arch, Philadelphia, Pa.
Titusville Oil Works, Titusville, Pa.
Union Petroleum Co., 138 S 2d, Phila., Pa.
Willock, S. M., Pittsburg, Pa.

Neck Yoke Bands

Wrought Washer Mfg. Co. (Steel), Milwaukee, Wis.

Neck-Yokes

Adams, E. B. & Son, Racine, Wis.
Anderson, Pole & Shaft Co., Anderson, Ind.
ANDERSON, W. H. & SONS (Also Rings & Braces), Detroit, Mich. (See adv. index, end of book)
Automatic Yoke Co., 81 E St. Clair, Indianapolis, Ind.
Boub & Scheu, Cincinnati, O.
Buckeye Mfg. Co., Anderson, Ind.
Burton Handle Co., Burton, O.
Canton Pole & Shaft Co., Canton, O.
Covert's Saddlery Works, Farmers, N. Y.
Hartwell Bros., Chicago Heights, Ill.
Hench & Dromgold Co., York, Pa.
Johnson, F. C., Kishwaukee, Ill.
Jones, K., Janesville, Wis.
McCall Mfg. Co., Morberley, Mo.
Oshkosh Logging Tool Co., Oshkosh, Wis.
Pittsburg Tubular Whiffletree Co. (Tubular Steel), Ridge av & Belmont, Pittsburg, Pa.
Racine Malleable & Wrought Iron Co., Racine, Wis.
Racine Pole & Shaft Co., Racine, Wis.
Sheldon, Mason, Kinzura, Pa.
Sholl Whiffletree Co., Hobart, Ind.
Sidney Pole & Shaft Co., Sidney, O.
Sovereign, G. E. ("Rockford," "Shuman's" Swivel), Rockford, Ill.
Tanner, D. F., Holland, N. Y.
Todd Mfg. Co. (Wagon), New Albany, Ind.
Von Behren Mfg. Co., Evansville, Ind.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)
Zeigler, Jacob, Coffeyville, Kan.
Zimmerman, J. N., Birmingham, Mich.

Needle Mfrs.

(See Needles, various kinds, under head of Textile Machinery, Supplies, etc.)

Needles (Mining)

(See Miners' Needles & Scrapers.)

Nets (Fishing)

Fowler Net & Twine Co., 200 Market, Phila., Pa.

Netting (Mosquito)

McLean, Andrew Co., Passaic, N. J.
North Scituate Cotton Mills, N. Scituate, R. I.

Nickel Mfrs.

Illinois Zinc Co., Peru, Ill.
Rome Mfg. Co., Rome, N. Y.

Nickel Plating

(See Plating Works.)

Nickeloid, Copperoid, Brassoid & Steeloid

American Nickeloid Mfg. Co. (Nickelized Sheet steel, Zinc, Copper, Brass, etc.), Peru, Ill.

Nickoline

Hirsh, Isaac E., 468 W B'way, N. Y.

Nippers (Bicycle)

Scovill Mfg. Co., Waterbury, Co.
Smith & Hemenway Co., 296 B'way, New York
Stevens, J. Arms & Tool Co., Chicopee Falls, Mass.
Utica Drop Forge & Tool Co., Utica, N. Y.

Nippers (Cutting)

Bridgeport Hardware Mfg. Corp., Bridgeport, Conn.
Falls Mfg. Co., San Francisco, Cal.
Heller Bros. Co., 879 Mt. Prospect av, Newark, N. J.
Osborne, C. S. & Co., 96 Mechanic, Newark, N. J.
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 27 Murray, New York
Schollhorn, Wm. Co., New Haven, Conn.
Smith & Hemenway Co., 296 B'way, New York
Starrett, L. S. Co., Athol, Mass.
Stevens, J. Arms & Tool Co., Utica, N. Y.
Utica Drop Forge & Tool Co., Utica, N. Y.
Vaughan & Bushnell Mfg. Co., 875 Carroll av Chicago, Ill.

Nipples (Boiler)

McKeel, Geo. A. & Co., Jackson, Mich.

Nipples (Hose)

Boston Woven Hose & Rubber Co., Executive Office & Factory, Cambridgeport, Mass. Stores, 116 Duane, New York; 185 Lake, Chicago, Ill.; Cleveland, O.; San Francisco, Cal., & Boston, Mass.
Belknap Mfg. Co., Bridgeport, Conn.
Powell, Wm. & Co., 2529 Spring Grove av, Cincinnati, O.
Queen City Brass Works, Cincinnati, O.
Schrader's, A. Son, 30 Rose, New York

Nipples (Pipe)

Eastwood Wire Mfg. Co. (Bronze), Belleville, N. J.
Western Tube Co. (Brass, Malleable & Wrought), Kewanee, Ill.
Wilder, Sidney & Co. (Brass), Holliston, Mass.

Nipples (Radiator)

McKeel, Geo. A. & Co., Jackson, Mich.

Nipples (Slip)

Pratt Chuck Co. (Zinc Cooled Steel), Frankfort, N. Y.

Nipples (Soldering)

(See Unions & Nipples, Soldering.)

Nitro-Glycerine

Rock Glycerine Co., Bradford, Pa.

Notching Machines

(See Machines, Notching.)

Notifiers (Burglar)

Dayton Supply Co., Dayton, O.

Nozzles (Hose)

Allen, W. D. Mfg. Co. (Spray), 151 Lake, Chicago
Barnes Mfg. Co., Mansfield, O.
Belknap Mfg. Co., Bridgeport, O.
Boston Coupling Co., 156 Pearl, Boston, Mass.
Boston Woven Hose & Rubber Co., Executive Office & Factory, Cambridgeport, Mass. Stores—116 Duane, New York; 185 Lake, Chicago, Ill.; Cleveland, O.; San Francisco, Cal., & Boston, Mass.
Bradley & Munson ("Glazier, Universal"), 99 Warren, New York
Callahan, C., Canton Junction, Mass.
Clay, Jno. H., 1320 Ridge av, Phila., Pa.
Glazier Universal Nozzle Co. (All Sizes), Indianapolis, Ind.
Eaton, Cole & Burnham Co., 253 B'way, N. Y.
Landers, Frary & Clark, Inc. ("Fairy"), New Britain, Conn.
Loeffelholz & Co. (Combination & Judge Distributing), 170 Clinton, Milwaukee, Wis.
Morse, Andrew J. & Son, 140 Congress, Boston, Mass.
Myers, F. E. & Bro., Ashland, O.
Nixon Nozzle & Machine Co. ("Climax"), Dayton, O.
Neumeyer, H. F., Macungie, Pa.
Pleuger & Henger Mfg. Co., 11th & Hebert, St. Louis, Mo.
Pullman Mfg. Co., Rochester, N. Y.
Schrader's, A. Son, 30 Rose, New York.
Wolverine Brass Works, Grand Rapids, Mich.

Nozzles (Plumbago)

McCullough-Dalzell Crucible Co. (For Bessemer & Open Hearth Furnaces), Pittsburg, Pa.

Nozzles (Spray)

Deming Co., Salem, O.

Numbers & Letters (Decalcomania)

MYERCORD CO., Cham. of Com. bldg, Chicago, Ill. (See adv. index, end of book)
National Decalcomania Co., Philadelphia, Pa.
Palm-Fechteler & Co., 80 5th av, New York

Numbers & Letters (Metal)

(See also Name Plates.)

Arcade Mfg. Co. (House Numbers, Brass & Aluminum), Freeport, Ill.
Benfield & Milne Mfg. Co., 67 Halleck, Newark, N. J.
Blasier, M. E. & Co., Utica, N. Y.
Brass Goods Mfg. Co., 7 Warren, New York, & Nevin cor Union, Brooklyn, N. Y.
Brim, A. W., Seneca Falls, N. Y.
Caesar Bros. (Enameled), 112 Fulton, N. Y.
Chicago Spring Butt Co., 491 Carroll av, Chicago
Detroit Bronze & Plating Works (Nickel, Bronze, Aluminum House Numbers), Detroit, Mich.
Hoggson & Pettis Mfg. Co., New Haven, Conn.
Kienzle, W. F., 92 Ohio, Chicago, Ill.
Knight, H. W. & Son, Seneca Falls, N. Y.
Nicol & Co. (House Numbers Only), 57 W Washington, Chicago, Ill.
Norwalk Lock Co., S Norwalk, Conn.
Providence Aluminum Co., Providence, R. I.
Reading Hardware Co., Reading, Pa.; 96 Reade, N. Y.; Phila., Pa., & Chicago, Ill.
Reynolds & Zahn, 46 Mechanic, Newark, N. J.
Robbins, Jno. Mfg. Co., 58 Kneeland, Boston, Mass.
Simpson Iron Co., Columbus, Ohio
Smith, R. H. Mfg. Co., 293 Main, Springfield, Mass.
Stover Mfg. Co., Freeport, Ill.
Taylor & Boggie Foundry Co., 521 Seneca, Cleveland, O.
Thorpe Mfg. Co., 50 Woodward av, Detroit, Mich.
Turner Brass Works, Franklin c Michigan, Chicago, Ill.
Wells, L. Henry, Worcester, Mass.
Wilcox, Crittenden & Co., Middletown, Conn.
Zeigler Bros., Elgin, Ill.

Nut Crackers & Picks

Federal Mfg. Co., Elyria, O.
Landers, Frary & Clark (Inc.), New Britain, Conn.
Humason & Beckley Mfg. Co., New Britai , Conn.

Nut Facers

(See Machines, Nut Facing.)

Nut-Locks

(See Lock-Nuts.)

Nut Machinery

(See Machinery, for various kinds of Nut Machinery.)

Nut Mfrs.

(Under this head see sub-classifications following.)
(See also Bolt, Nut & Rivet Mfrs.)

Aetna Nut Co., Southington, Conn.
American Iron & Steel Mfg. Co., Lebanon, Pa.
American Screw Co., Providence, R. I., & 19 Lake, Chicago, Ill.
Berry Bros., Columbus, O.
Blake & Johnson (of Any Metal to Order), Waterbury, Conn.
Bourne & Knowles Mfg. Co., Cleveland, O.
Central City Bolt Co., Syracuse, N. Y.
Central Iron & Steel Co., Brazil, Ind.
Chicago Screw Co., 2 N Canal, Chicago, Ill.
Clark Bros. & Co., Milldale, Conn., & 69 Dearborn, Chicago, Ill.
Cold-Jess Mfg. Co., Cleveland, O.
Colorado Fuel & Iron Co., Denver, Colo., & 71 B'way, N. Y.
Continental Bolt & Iron Works, 22d & Union, Chicago, Ill.
Eberhard Mfg. Co., Tennyson & C. & P. R. R., Cleveland, O.
Graham Nut Co., 755 Rebecca, Allegheny, Pa.
Greenlie, Wyatt & Co., 499 Water, New York
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
Hendricks Bros., 49 Cliff, New York
Hoopes & Townsend Co., 1330 Buttonwood, Philadelphia, Pa.

Illinois Screw Co., 2 S Canal, Chicago, Ill.
Judsou Mfg. Co., San Francisco, Cal.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kirk-Latty Mfg. Co., Cleveland, O.
Lamson & Sessions Co., 412 Scranton av, Cleveland O
Lanman, E. B. Co., Columbus, O.
Lake Erie Iron Co., Wade bldg., Cleveland, O.
Lanz, Matthew & Sons, 101 S 29th, Pittsburg, Pa
McCloud, Crane & Minter Co., Worcester, Mass.
Michigan Bolt & Nut Works, ft of Meldrum av, Detroit, Mich., & 135 Adams, Chicago
Milton Mfg. Co., Milton, Pa.
Moore, Franklin Co., Winsted, Conn.
Moran Bolt & Nut Mfg. Co., c Florida & Main, St. Louis, Mo.
Mount Carmel Bolt Co., Mt. Carmel, Coun.
National Elastic Nut Co., Russel av & Superior, Milwaukee, Wis.
National Screw & Tack Co., Cleveland, O.
Old Dominion Iron & Nail Works Co., Richmond, Va.
Oliver Iron & Steel Co., Pittsburg, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Penna. Iron Co., Lancaster, Pa.
Phosphor Bronze Smelting Co., 2200 Wash'n av., Phila., Pa.
Pittsburg Mfg. Co., 28th & R. R., Pittsburg, Pa.
Pittsburg Screw & Bolt Co., Pittsburg, Pa.
Ray Automatic Machine Co., Berea, O.
Rhode Island Tool Co., Providence, R. I.
Richards, T. C. Hdw. Co., Winsted, Conn.
Rochester Machine Screw Co., Rochester, N. Y.
Rockford Bolt Works (Inc.), Rockford, Ill.
Russell, Burdsall & Ward Bolt & Nut Co., Portchester, N. Y.
Russell & Erwin Mfg. Co., New Britaiu, Conn., & 43 Chambers, New York
Scranton Bolt & Nut Co., Scranton, Pa., & 25 Broad, New York
Smith, Thos. & Co., Worcester, Mass.
South Baltimore Steel Car & Foundry Co., Baltimore, Md., & 11 B'way, New York
Southington Cutlery Co., Southington, Conn.
Upson Nut Co., Unionville, Conn., & Cleveland, Ohio
Western Automatic Machine Screw Co., Elyria, O.
Wheeling Hinge Co., Wheeling, W. Va.
Whitman, C. B. & C. A., Detroit, Mich.
Youngstown Mfg. Co., Youngstown, O.

Nut Tappers

(See Nut Tapping Machines.)

Nuts (Bicycle)

Chicago Screw Co., Chicago, Ill.
Clark Bros. Bolt Co., Milldale, Conn.
McCloud, Crane & Minter Co., Worcester, Mass.
Rochester Machine Screw Co., Rochester, N.Y.
Russell, Burdsall & Ward Bolt & Nut Co., Portchester, N. Y.
St. Louis Screw Co., 600 E Clarence, St. Louis, Mo.
Standard Screw Co., 2 N. Canal, Chicago, Ill.
Upson Nut Co., Unionville, Conn., & Cleveland, Ohio
Western Automatic Machine Screw Co., Elyria, Ohio

Nuts (Brass Cap)

Hungerford, U. T. Brass & Copper Co., 497 Pearl, New York
Rochester Machine Screw Co., Rochester, N. Y.
St. Louis Screw Co., 600 E Clarence, St. Louis, Mo.
Standard Screw Co., 2 N Canal, Chicago, Ill.; Worcester, Mass., & Detroit, Mich.
STEWARD & ROMAINE MFG. CO., 124 N 6th, Philadelphia, Pa. (See adv index, end of book)

Nuts (Brass & Copper)

American Pin Co. (Brass Only), Waterbury, Conn.
American Screw Co. (Brass Only), Providence, R. I., & 19 Lake, Chicago, Ill.
Blake & Johnson (To Order), Waterbury, Conn.
Central City Bolt Co., Syracuse, N. Y.
Gaynor & Mitchell Mfg. Co. (Brass for Steam, Gas & Water Fittings), Bridgeport, Conn.
Hendricks Bros., 49 Cliff, New York
Hungerford, U. T. Brass & Copper Co., 497 Pearl, New York
International Brass & Electric Co. (Brass Hexagon, Machine Made), 76 Beekmau, New York
Rochester Machine Screw Co., Rochester, N. Y.
Rockford Bolt Works (Inc.), Rockford, Ill.
St. Louis Screw Co., 600 E Clarence, St. Louis, Mo.
Western Automatic Machine Screw Co., Elyria, Ohio

Nuts (Cap)

Corbin Screw Corporation (Acorn Cap or Blank Brass, Bronzc, Iron or Steel), New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, Ill., & 925 Market, Phila., Pa.

Nuts (Case Hardened)

American Iron & Steel Mfg. Co., Lebanon, Pa.
Chicago Screw Co., Chicago, Ill.
Corbin Screw Corporation, New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, Ill., & 925 Market, Phila., Pa.
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., Phila., Pa.
McCloud, Crane & Minter Co., Worcester, Mass.
Milton Mfg. Co., Milton, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pittsburg Screw & Bolt Co. (Finished), Pittsburg, Pa.
Rhode Island Tool Co. (Finished), Providence, R. I.
Rochester Machine Screw Co., Rochester, N. Y.
Rockford Bolt Works, Rockford, Ill.
Russell, Burdsall & Ward Bolt & Nut Co., Portchester, N. Y.
St. Louis Screw Co., 600 E Clarence, St. Louis, Mo.
Upson Nut Co., Unionville, Conn., & Cleveland, O.
Western Automatic Machine Screw Co., Elyria, O.

Nuts (Check & Jam)

Chicago Screw Co., Chicago, Ill.
Graham Nut Co., 755 Rebecca, Allegheny, Pa.
Handy Car Equipment Co. (For Car & Track Work), Old Colony bldg, Chicago, Ill.
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
Kansas City Bolt & Nut Co., Kansas City, Mo.
McCloud, Crane & Minter Co., Worcester, Mass.
Rhode Island Tool Co., Providence, R. I.
Rochester Machine Screw Co., Rochester, N. Y.
Rockford Bolt Works, Rockford, Ill.
Russell, Burdsall & Ward Bolt & Nut Co., Port Chester, N. Y.
St. Louis Screw Co., 600 E Clarence, St. Louis, Mo.
Standard Screw Co., 2 N Canal, Chicago, Ill.:
Upson Nut Co., Unionville, Conn., & Cleveland, Ohio
Western Automatic Machine Screw Co., Elyria, Ohio

Nuts (Clevis)

Cleveland City Forge & Iron Co., Cleveland, O.
Detroit, Mich.
Michigan Bolt & Nut Works, ft Meldrum av., Detroit, Mich.

Nuts (Cold Pressed)

American Screw Co. (For Machine Screws, Stove Bolts, etc.), Providence, R. I., & 19 Lake, Chicago, Ill.
Atlas Bolt & Screw Co., Cleveland, O.
Kirk-Latty Mfg. Co., Cleveland, O.
Monarch Bolt & Screw Co., Cleveland, O.
National Screw & Tack Co., Cleveland, O.
Union Nut & Bolt Co., Unionville, Conn.

Nuts (Cold Punched)

American Iron & Steel Mfg. Co., Lebanon, Pa.
Atlas Bolt & Nut Co., 218 High, Boston, Mass.
Bourne & Knowles Mfg. Co., Cleveland, O.
Chicago Screw Co., Chicago, Ill.
Corbin Screw Corporation (Tapped, Square & Hexigon), New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, Ill., & 925 Market, Phila, Pa.
Garland Nut & Rivet Co., Frick bldg, Pittsburg, Pa. Works; West Pittsburg, Pa.
Graham Nut Co., 755 Rebecca, Allegheny, Pa.
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., Philadelphia, Pa.
Lake Erie Iron Co., Wade bldg., Cleveland, O.
Lanman, E. B. Co., Columbus, O.
McCloud, Crane & Minter Co., Worcester, Mass.
Milton Mfg. Co. (Chamfered & Trimmed), Milton, Pa.
Moran Bolt & Nut Mfg. Co., Florida & Main, St. Louis, Mo.
Mount Carmel Bolt Co. (Stove, Bolt & Rod, etc.), Mount Carmel, Conn.
NATIONAL SUPPLY CO., 7 W Lombard, Baltimore, Md. (See adv. index, end of book)
Neely Nut & Bolt Co., S 22d & P. & L. R. R., Pittsburg, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Penn Iron Co., Lancaster, Pa.
Pittsburg Screw & Bolt Co. (Chamfered & Trimmed), Pittsburg, Pa.
Rockford Bolt Works, Rockford, Ill.
Rhode Island Tool Co., Providence, R. I.
Russell, Burdsall & Ward Bolt & Nut Co., Portchester, N. Y.
St. Louis Screw Co., 600 E Clarence, St. Louis, Mo.
Smith, Thos. & Co., Worcester, Mass.
Southington Cutlery Co., Southington, Conn.
Standard Screw Co. (Hexagou), 2 N Canal, Chicago, Ill.
Upson Nut Co., Unionville, Conn., & Cleveland, O.
Wilson & Smith, Worcester, Mass.

Nuts (Crusher)

Lorraine Foundry Co., Baltimore, Md.

Nuts (Hot Pressed)

Aetna Nut Co., Southington, Conn.
American Iron & Steel Mfg. Co., Lebanon, Pa.
Atlas Bolt & Nut Co., 218 High, Boston, Mass.
Graham Nut Co., 755 Rebecca, Allegheny, Pa.
Hoopes & Townsend Co., 1300 Buttonwood, Phila., Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lake Erie Iron Co., Wade bldg., Cleveland, O.
Lamson & Sessions Co., 42 Scranton av., Cleveland, O.
Lanz, Matthew & Sons, 101 S 29th, Pittsburg, Pa.
Michigan Bolt & Nut Works, ft Meldrum av, Detroit, Mich., & 135 Adams, Chicago, Ill.
Milton Mfg. Co. (Square & Hexagon), St. Louis, Mo.
Moran Bolt & Nut Mfg. Co., Florida & Main, St. Louis, Mo.
National Elastic Nut Co., Russell av. & Superior, Milwaukee, Wis.
NATIONAL SUPPLY CO., 7 W Lombard, Baltimore, Md. (See adv. index, end of book)
Neely Nut & Bolt Co., S 22d & P. & L. R. R., Pittsburg, Pa.
New Castle Forge & Bolt Co. (Square & Hexagon), New Castle, Pa.
Old Dominion Iron & Nail Works Co., Richmond, Va.
Oliver Iron & Steel Co., Pittsburg, Pa.
Penn Iron Co., Lancaster, Pa.
Pittsburg Mfg. Co., 28th & R. R., Pittsburg, Pa.
Republic Iron & Steel Co., general offices, 1st Nat'l Bank bldg, Chicago; district sales offices, Buffalo, Cleveland, O.; Birmingham, Ala.; 64 B'way, New York; St. Louis, St. Paul, Minn.; Frick bldg., Pittsburg, Pa., & Cincinnati, O.
Rockford Bolt Works, Rockford, Ill.
St. Louis Screw Co., 600 E Clarence, St. Louis, Mo.
Scranton Bolt & Nut Co. (Square & Hexagon), Scranton, Pa., & 25 Broad, New York
Union Nut & Bolt Co., Unionville, Conn.
Upson Nut Co., Unionville, Conn., & Cleveland, O.

Nuts (Joint)

American Iron & Steel Mfg. Co., Lebanon, Pa.
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., 1330 Buttonwood, Philadelphia. Pa.
Moran Bolt & Nut Mfg. Co., Florida & Main, St. Louis, Mo.
Oliver Iron & Steel Co., Pittsburg, Pa.

Republic Iron & Steel Co., general offices, 1st Nat'l Bank bldg, Chicago; district sales offices, Buffalo, Cleveland, O.; Birmingham, Ala.; 64 B'way, New York; St. Louis, St. Paul, Minn.; Frick bldg., Pittsburg, Pa., & Cincinnati, O.
Rhode Island Tool Co., Providence, R. I.
Rockford Bolt Works, Rockford, Ill.
Russell, Burdsall & Ward Bolt & Nut Co., Portchester, N. Y.
St. Louis Screw Co., 600 E Clarence, St. Louis, Mo.
Smith, Thos. & Co., Worcester, Mass.
Upson Nut Co., Unionville, Conn., & Cleveland, O.

Nuts (Knurled)

Corbin Screw Corporation (Thumb), New Britain, Conn.; 15 Murray, New York, 104 Lake, Chicago, Ill.. & 925 Market, Phila., Pa.
Pratt & Whitney Co., Hartford, Conn.
St. Louis Screw Co., 3017 N 13th, St. Louis, Mo.

Nuts (Lock)

(See Lock-Nuts.)

Nuts (Machine Screw)

American Screw Co. (Tapped), Providence, R. I., & 19 Lake, Chicago, Ill.
Chicago Screw Co., Chicago, Ill.
Corbin Screw Corporation, New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, Ill.. & 925 Market, Phila., Pa.
Moran Bolt & Nut Mfg. Co., Florida & Main, St. Louis, Mo.
National Screw & Tack Co. (Cold Pressed). Cleveland, O.
Old Dominion Iron & Nail Works Co., Richmond, Va.
Rhode Island Tool Co., Providence, R. I.
Rochester Machine Screw Co., Rochester, N. Y.
St. Louis Screw Co., 3017 N 13th, St. Louis, Mo.
Standard Screw Co., 2 N Canal, Chicago, Ill.; Worcester, Mass., & Detroit, Mich.
Upson Nut Co., Unionville, Conn., & Cleveland, Ohio

Nuts or Collars

Chicago Screw Co., Chicago, Ill.
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., 1330 Buttonwood, Philadelphia, Pa.
Rhode Island Tool Co., Providence, R. I.
Rockford Bolt Works, Rockford, Ill.
Russell, Burdsall & Ward Bolt & Nut Co., Portchester, N. Y.
St. Louis Screw Co., 3017 N 13th, St. Louis, Mo.
Smith, Thos. & Co., Worcester, Mass.
Standard Screw Co., 2 N Canal, Chicago, Ill.; Worcester, Mass., & Detroit, Mich.

Nuts (Phosphor Bronze)

Phosphor Bronze Smelting Co., 2204 Washington av, Philadelphia, Pa.

Nuts (Semi-Finished)

American Iron & Steel Mfg. Co., Lebanon, Pa.
Corbin Screw Corporation, New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, Ill., & 925 Market, Phila., Pa.
Chicago Screw Co., Chicago, Ill.
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., 1330 Buttonwood, Philadelphia, Pa.
McCloud, Crane & Minter Co., Worcester, Mass.
Milton Mfg. Co., Milton, Pa.
Old Dominion Iron & Nail Works Co., Richmond, Va.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pittsburg Screw & Bolt Co., Pittsburg, Pa.
Rhode Island Tool Co., Providence, R. I.
Rochester Machine Screw Co., Rochester, N. Y.
Rockford Bolt Works, Rockford, Ill.
Russell, Burdsall & Ward Bolt & Nut Co., Portchester, N. Y.
St. Louis Screw Co., 3017 N 13th, St. Louis, Mo.
Standard Screw Co., 2 N Canal, Chicago, Ill.; Upson Nut Co., Unionville, Conn., & Cleveland, Ohio
Western Automatic Machine Screw Co., Elyria, Ohio

Nuts (Sleeve)

Rhode Island Tool Co., Providence, R. I.
American Iron & Steel Mfg. Co. (Hexagon, Pipe, etc.), Lebanon, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Moran Bolt & Nut Mfg. Co., Florida & Main, St. Louis, Mo.
Mount Carmel Bolt Co., Mount Carmel, Conn.
Republic Iron & Steel Co., General Offices: Stock Exchange bldg, Chicago; Sales Offices: 64 B'way, New York; Ellicott Square, Buffalo. N. Y.; Citizens Bank bldg., Cleveland, O.; Endicott Arcade, St. Paul, Minn.; Frick bldg, Pittsburg, Pa., & Cincinnati, O.
Rhode Island Tool Co., Providence, R. I.

Nuts (Stove, Bolt & Rod)

American Screw Co., Providence, R. I.; 19 Lake, Chicago, Ill.
Corbin Screw Corporation, New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, Ill., & 925 Market, Phila., Pa.
Lamson & Sessions Co., Cleveland, O.
Moran Bolt & Nut Mfg. Co., Florida & Main, St. Louis, Mo.
Mount Carmel Bolt Co., Mt. Carmel, Conn.
Republic Iron & Steel Co., General Offices: Stock Exchange bldg, Chicago; District Sales Offices: 64 B'way, New York; Buffalo, N. Y.; Cleveland, O.; St. Louis, Mo.; Birmingham, Ala.; Cincinnati, O.; Frick bldg, Pittsburg, Pa.; Citizens Bank bldg., Cleveland, O.; & St. Paul, Minn.
Rockford Bolt Works, Rockford, Ill.
St. Louis Screw Co., 3017 N 13th, St. Louis, Mo.
Southington Cutlery Co., Southington, Conn.

Nuts (Tapped)

American Iron & Steel Mfg. Co., Lebanon, Pa.
American Screw Co., Providence, R. I., & 19 Lake, Chicago, Ill.
Chicago Screw Co., Chicago, Ill.
Colorado Fuel & Iron Co., Denver, Col., & 71 B'way, N. Y.
Corbin Screw Corporation (Square & Hexagon), New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, Ill., & 925 Market, Phila., Pa.
Graham Nut Co., 755 Rebecca, Allegheny, Pa.
Hoopes & Townsend Co., 1330 Buttonwood, Philadelphia, Pa.
Kansas City Nut & Bolt Co., Kansas City, Mo.
Lamson & Sessions Co., Cleveland, O.
Lanz, M. & Sons, 101 S 29th, Pittsburg, Pa.
McCloud, Crane & Minter Co., Worcester, Mass.
Michigan Bolt & Nut Works, ft Meldrum av., Detroit, Mich., & 135 Adams, Chicago
Milton Mfg. Co., Milford, Pa.
Moran Bolt & Nut Mfg. Co., St. Louis, Mo.
National Screw & Tack Co., Cleveland, O.
Old Dominion Iron & Nail Works Co., Richmond, Va.
Oliver Iron & Steel Co., Pittsburg, Pa.
Penn Iron Co., Lancaster, Pa.
Republic Iron & Steel Co., general offices: 1st Nat'l Bank bldg, Chicago; district sales offices: 64 B'way, New York; Buffalo, N. Y.; Cleveland, O.; St. Louis, Mo.; Birmingham Ala.; Cincinnati, O.; Frick bldg., Pittsburg, Pa., & St. Paul, Minn.
Rhode Island Tool Co., Providence, R. I.
Rochester Machine Screw Co., Rochester, N. Y.
Rockford Bolt Works, Rockford, Ill.
St. Louis Screw Co., 600 E Clarence, St. Louis, Mo.
Smith, Thos. & Co., Worcester, Mass.
Southington Cutlery Co., Southington, Conn.
Standard Screw Co., 2 N. Canal, Chicago, Ill.
Upson Nut Co., Unionville, Conn., & Cleveland, Ohio
Western Automatic Machine Screw Co., Elyria, Ohio

Nuts (Thumb or Wing)

American Iron & Steel Mfg. Co., Lebanon, Pa.
Besley, Chas. H. & Co., Chicago
Billings & Spencer Co., Hartford, Conn.
Chicago Screw Co., Chicago, Ill.
Corbin Screw Corporation (Brass, Bonze, Iron & Steel), New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, & 925 Market, Phila., Pa.
Eberhard Mfg. Co., Tennyson & C. & P. R. R., Cleveland, O.
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., 1330 Buttonwood, Philadelphia, Pa.
Illinois Screw Co., 2 S Canal, Chicago, Ill.
Keystone Drop Forge Works (Drop Forged), Chester, Pa.
Lamson & Sessions Co., Cleveland, O.
Logan & Strobridge Iron Co. (Thumb), New Brighton, Pa.
Michigan Bolt & Nut Works, ft Meldrum av, Detroit, Mich., & 135 Adams, Chicago
Miles, Franklin S. (Est. of), 205 Quarry, Phila., Pa.
Mount Carmel Bolt Co., Mount Carmel, Conn.
National Novelty Corporation (Thumb), 826 B'way, New York
National Screw & Tack Co., Cleveland, O.
Phila. Machine Screw Works, 624 Race, Philadelphia, Pa.
Pratt & Letchworth, Buffalo, N. Y.
Republic Iron & Steel Co., general offices, Stock Exchange bldg, Chicago; district sales offices, 64 B'way, New York; Buffalo, N. Y.; Cleveland, O.; St. Louis, Mo.; Birmingham, Ala.; Cincinnati, O.; Frick bldg., Pittsburg, Pa., & St. Paul, Minn.
Rhode Island Tool Co., Providence, R. I.
Rockford Bolt Works, Rockford, Ill.
St. Louis Screw Co., 600 E Clarence, St. Louis, Mo.
Standard Screw Co., 2 N Canal, Chicago, Ill.
Upson Nut Co., Unionville, Conn., & Cleveland, Ohio
Welch, T. F. & Co. (Brass), Boston, Mass.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)

Nuts (Tire Bolt)

American Screw Co., Providence, R. I., & 19 Lake, Chicago, Ill.
Corbin Screw Corporation, New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, Ill., & 925 Market, Phila., Pa.
Lamson & Sessions Co., Cleveland, O.
Republic Iron & Steel Co., general offices: 1st Nat'l Bank bldg, Chicago; district sales offices: 64 B'way, New York; Buffalo, N. Y.; Cleveland, O.; St. Louis, Mo.; Birmingham, Ala.; Cincinnati, O.; Frick bldg., Pittsburg, Pa., & St. Paul, Minn.
Rockford Bolt Works, Rockford, Ill.
St. Louis Screw Co., 600 E Clarence, St. Louis, Mo.
Southington Cutlery Co., Southington, Conn.
Upson Nut Co., Unionville, Conn., & Cleveland, Ohio

Oakum

Alden, H. L., Camden, Me.
American Mfg. Co., 63 Wall, N. Y.
Baltimore Oakum Works (Napoleon B. Woodward, Prop.), 916 S. Broadway, Baltimore, Md.
Baker, Wm. T., Jersey City, N. J.
BRODERICK & BASCOM ROPE CO., 809 N Main, St. Louis, Mo., & 33 South, N. Y. (See adv. index, end of book)
CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
Chelsea Jute Mills, 1155 Manhattan av., Brooklyn, N. Y.
Davey, W. O. & Sons, 47 South, N. Y.
De Graun & Boyden. 14 Coenties sl, N. Y.
Disbrow & Co., 56 Warren, N. Y.
Hoffman-Corr Mfg. Co., 107 Duane, N. Y.
Lawrence Cordage Works, 46 South, N. Y.
LESCHEN, A. & SONS ROPE CO., 920 N 1st, St. Louis, Mo.; 163 Wash'n, New York; 137 E Lake, Chicago, Ill., & 1717-23 Arapahoe, Denver, Col. (See adv. index, end of book)
Marine Mfg. & Supply Co., 156 South, N. Y.
Mcagher's, Jas. Sons, 327 28th, San Francisco, Cal.
Planet Mill Mfg. Co., 335 Carroll, Brooklyn, N. Y.
Stratford, Geo. Oakum Co., Jersey City, N. J.
Tibbals Oakum Co., Cobalt, Conn.
Travers Bros. Co., 41 Worth, N. Y.
Wall, Wm. F., 56 South, New York

Oar Mfrs.

N. Y. Boat Oar Co., 69 West, New York
Stryker Mfg. Co., Stryker, O.

Oats Cleaner

HICKEY, M. H. WIRE & IRON WORKS, 54 Dearborn, Chicago
Kasper Oats Cleaner Co. (Sole owners of "Kaspers"), 400 Wabash av, Chicago, Ill.
Kasper, W. S. Standard Oats Cleaner Co., 32 Swiss, Cleveland, O.
Mott, J. L. Iron Works (Kasper's Self-Acting), 88 Beekman, New York
SMITH, F. P. WIRE & IRON WORKS, 100 Lake, Chicago, Ill. (See adv. index, end of book)

Ochre Miners & Mfrs.

(See Clays, Minerals, Etc.)

Odometers

Veeder Mfg. Co., Hartford, Conn.

Odorless Steel Vehicles

Sarvis, J. H., Newburg, N. Y.
United States Sanitary Co., 618 Penna. av, N W, Washington, D. C.

Office Fittings

(See Bank & Office Railings; also Bank & Office Fittings, Metallic.)

Office Railing

(See Bank & Office Railing.)

Office Railing Spring Hinges

BOMMER SPRING HINGES

257 to 271 Classon av, Brooklyn, N. Y. (See adv index, page 1200)

Office & Loft Building Directories (Changeable)

TABLET & TICKET CO., 87 Franklin, Chicago, Ill., & 381 B'way, New York, N. Y. (See adv. index, end of book)

Ohmmeters

Illinois Electric Specialty Co. (Direct Reading), Tacoma bldg, Chicago
Jewell Electrical Instrument Co., 67 Union Park ct, Chicago
Veeder Mfg. Co., Hartford. Conn.
Whitney Electrical Instrument Co., Penacook, N. H.

Oil Burners for Furnaces, Boilers & Melting Tanks

PETROLEUM IRON WORKS CO., Washington, Pa., & Farmers' Bank bldg, Pittsburg, Pa. (See adv. index, end of book)
Union Drop Forge Co., 66 E Ohio, Chicago, Ill.

Oil Cans

American Can Co., 11 B'way, New York

Oil Cans (Glass)

BERGER MFG. CO., Main Office & Works, Canton, O. Branch Offices, 210 E 23d, New York; 23 Lake, Chicago; 623 N Main, St. Louis, Mo.; 1215 Filbert, Phila., Pa., & 176 Federal, Boston, Mass. (See adv. index, end of book)

Oil Cloth Mfrs.

(See also Linoleum Mfrs.)

Blabon, Geo. W. Co. (Floor), 34 N 5th, Phila., Pa.
Farr & Bailey Mfg. Co. (Floor Oil Cloth & Rugs), Camden, N. J.
Nairn Linoleum Co. (Floor), Kearney, N. J.
Potter, Thos., Sons Co. (Inc.), (Floor, Table & Rugs), 522 Arch, Phila., Pa., & 41 Union sq, New York
Standard Table Oil Cloth Co. (Table, Shelf, Stair & Carriage, etc.), 320 B'way, N. Y.
Trenton Oil Cloth & Linoleum Co. (Table, Shelf & Stair Enameled, etc.), Trenton, N. J.

Oil (Corn)

American Homing Co., Indianapolis, Ind.

Oil (Creosote)

Buchanan-Foster Co., Drexel bldg, Phila., Pa.

Oil Feeders

(See Feeders, Oil.)

Oil Filters

(See Filters, Oil.)

Oil Hole Covers & Cups

Bay State Stamping Co. ("Bennett," Self Closing), Worcester, Mass.
Bowen Mfg. Co., Auburn, N. Y.
Tucker, W. W. & C. F. ("Tucker" Two-piece Self-closing), Hartford, Conn.
Winkley Co., Hartford, Conn.

Oil Refineries Complete (Constructors of)

PETROLEUM IRON WORKS CO., Washington, Pa., & Farmers' Bank bldg. Pittsburg, Pa. (See adv. index, end of book)
Reeves Bros. Co., Alliance, O.

Oil Stains

(See Wood Stains.)

Oil Stones

Chicago Wheel & Mfg. Co. ("Gem"), 40 W Randolph, Chicago, Ill.
Deerlick Oil-Stone Co., Chagrin Falls, O., & 7 Warren, N. Y.
Gesswein, F. W. Co., 39 John, N. Y.
Manlius Stone Co., Manlius, N. Y.
Pike Mfg. Co., Pike Station, N. H.

Oil Testing Machines

(See Machines, Oil Testing.)

Oil & Gas Well Supplies

Acme Supply Co., Corsicana, Tex.
Adams Bros. Co., Findlay, O.
Angell Mfg. Co. (Brass & Steel Specialties), Franklin, Pa.
Bayne, Wilson & Pratt, Pittsburg, Pa., & Bradford, Pa.
Bennett, Jas. E., Emlenton, Pa.
Bovaird & Seyfang Mfg. Co., Bradford, Pa.
Busch, A. H. Co., 150 N. Los Angeles, Los Angeles, Cal.
Caldwell, E. R. & Co., Bradford, Pa.
California Supply Co., Los Angeles, Cal .
Campbell, J. G. & W., Butler, Pa.
Carey Bending Co., Carey, O.
CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
Carruthers & Co., Parkersburg, W. Va.
Childs, Jno., Smiths Ferry, Pa.
Clark Supply Co., Noblesville, Ind.
Corlett & Co., Knox, Pa.
CRANE CO., Est. 1855, Chicago, New York, Philadelphia, St. Louis, Kansas City, Mo.; Sioux City, Omaha, Los Angeles, San Francisco, Portland, Oregon, Salt Lake City, Utah, Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
Dresser, S. R. (Specialties), Bradford, Pa.
Dunham, Carrigan & Hayden Co., San Francisco, Cal.
Emery, L., Jr., & Co., Bradford, Pa.
Emery, W. N. & Son, Franklin, Pa.
Evans Mfg. Co., Butler, Pa.
Franklin Supply Co., Franklin, Pa.
Frick & Lindsay Co., 109 Wood, Pittsburg, Pa.
Gallaway, G. W., 322 Pearl, N. Y.
Harper & Reynolds Co., 152 N. Main, Los Angeles, Cal.
Harron, Richard & McCone (Inc.), 21 Fremont, San Francisco, Cal.
Hays, E. F. & Sons, Chicora, Pa.
Heathercote, Thos., 829 Penn av., Allegheny, Pa.
Heller, Aller & Co., Napoleon, O.
Herron, R. H. Co., Los Angeles, Cal.
Hickman, V. Q., 321 3d av., Pittsburg, Pa.
Hoch Bros., Chicora, Pa.
Hooker, J. D. Co., 130 S. Los Angeles, Los Angeles, Cal.
Jarecki Mfg. Co., Erie, Pa., & Pittsburg, Pa.
Johnson, C. H., Chicora, Pa.
Jones, S. W. Co., Toledo, O.
Kane Supply Co., Kane, Pa.
Keisler, Geo. & Co., Muncie, Ind.
Kelly & Jones Co., 135 Water, Pittsburg, Pa.; 15 Park Row, N. Y., & 59 Clark, Chicago, Ill. Works, Greensburg, Pa.
Kesselman & Co., Butler, Pa.
Laney, T. G., Lima, O.
Laughner, E. E., Ethel Landing, Pa.
Leidecker Tool Co., Marietta, O.
LESCHEN, A. & SONS ROPE CO., 920 N 1st, St. Louis, Mo.; 163 Washn, N. Y.; 137 E. Lake, Chicago, Ill., & 1717-23 Arapahoe, Denver, Col. (See adv. index, end of book)
Logan, A. W., Oil City, Pa.
Loomis Machine Co. (Oil Well Machinery, etc.), Tiffin, O.
McDowell, W. I., Knox, Pa.
McEwen Bros., Wellsville, N. Y.
McFie, W. T. Supply Co., Los Angeles, Cal.
Magee, Jno. A. & Son, Clarion, Pa.
Maloney, Geo., Franklin, Pa.
Marion Supply & Oil Co., Marion, O.
Masseth & Black, Butler, Pa.
Miller Bros, Wheeling, W. Va.
Mitchell, H. B., Emlenton, Pa.
Moorehouse, G. W., Kinzua, Pa.
Muncie Gas Engine & Supply Co., Muncie, Ind.
National Supply Co., 3 St. Clair, Toledo, O., & Conestoga bldg., Pittsburg, Pa.
Ohio Valley Supply Co., Marietta, O.
Oil Well Supply Co., 215 Water, Pittsburg, Pa.; 31 Church, N. Y.; Bradford, & Oil City, Pa.
Parke & Lacy Co., San Francisco, Cal.
Pattin Bros. Co., Marietta, O.
Pickett Hardware Co., Warren, Pa.
Pierce Well Engineering & Supply Co., 136 Liberty, N. Y., & 156 Bay, Jersey City, N. J.
Pittsburg Gauge & Supply Co., 309 Water, Pittsburg, Pa.
Prichard, F. A. & Co., Mannington, W. Va.
Reid, Jos. Gas Engine Co., Oil City, Pa.
Rouseville Supply Co., Rouseville, Pa.
Sennett, G. B. Co., Youngstown, O.
Sherman, J. B., Butler, Pa.
Sinclair & Morrison Co., Lima, O.
Spence & Smith, Parkersburg, W. Va.
Swan, Jno. W. Co., Lima, O.
Tay, Geo. H. Co., 49 1st, San Francisco, Cal.
Toledo Supply Co., Toledo, O.
Turner, C. H. Co., Parkersburg, W. Va.
Wyssbrod, E. V. & Co., Findlay, O.
Young & Groove, Eldred, Pa.

Oil & Grease Cups

(See also Lubricators.)

Acton, Jno., 118 John, Brooklyn, N. Y.
Albany Lubricating Compound & Cup Co., 313 West, N. Y.

Allen, W. D. Mfg. Co. (the Gibbs Automatic, Peerless, Columbia & Czar), 151 Lake, Chicago, Ill.

AMERICAN BRAKE SHOE & FOUNDRY Co. (Cast Steel), Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end o book)

American Injector Co. (Brass), Congress & Brooklyn av., Detroit, Mich.

American Lubricator Co. ("Pearl," "Banner," "Laural," "Admiral," "Acme," "Buckeye" & "Model," Glass Body for Oil & "Marvel" & "Duplex," all Brass for Oil, "Lion," "Garland" & "Art," all Brass for Grease), Detroit, Mich.

ASHCROFT MFG. CO., THE, 85, 87, & 89 Liberty, New York, & 22, 24 & 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.

Bay State Stamping Co. (the Bennett Self-Closing), Worcester, Mass.

Belfield, H. & Co., 435 N. Broad, Phila., Pa.

Besly, Chas. H. & Co. ("Bonanza" Oil Cup & "Badger" Cast Iron Oil Cups), 15 Clinton, Chicago, Ill.

Bowen Mfg. Co., Auburn, N. Y.

Buckeye Iron & Brass Works, Dayton, O.

Consolidated Fruit Jar Co., New Brunswick, N. J., & 290 B,'way, N. Y.

CRANE CO., Est. 1855 (Brass & Copper), Chicago, New York, Philadelphia, St. Louis, Kansas City, Mo., Sioux City, Omaha, Los Angeles, San Francisco, Portland, Oregon, Salt Lake City, Utah, Seatlle, Wash., & Spokane, Wash. (See adv. index, end of book)

Crosby Steam Gauge & Valve Co. ("Brass), 97 Oliver, Boston, Mass.; 21 W Lake, Chicago, & 78 John, New York

Detroit Lubricator Co. (Brass, "Detroit"), Hodges bldg, Detroit, Mich.

Detroit Shipbuilding Co. (Brass Dept.), (Brass "McCoy"), Detroit, Mich.

Eaton, Cole & Burnham Co., 253 B'way, N. Y.

Essex, G. B. Brass Co., Detroit, Mich.

Eynon-Evans Mfg. Co. (Railroad Oil Cups), 1519 Clearfield, Phila., Pa.

Farnan Brass Works (Brass, Oil), 25 Center, Cleveland, O.

Forest City Brass Wks. ("Kennedy," Brass), 90 Merwin, Cleveland, O.

France Packing Co. (Inc.), 6512 State road, Phila., Pa.

Globe Brass Co. (Brass), 13 Macomb, Detroit, Mich.

Hall Mfg. Co., 62 Cliff, New York.

Jarecki Mfg. Co. ("Brass"), Erie, Pa.

Kelly & Jones Co. (Brass), 135 Water, Pittsburg, Pa.; 15 Park Row, N. Y.; 59 Clark, Chicago, Ill. Works, Greensburg, Pa.

Keystone Brass Co. (Brass), 1017 Peach, Erie, Pa.

Koehler Bros. (Moon & Neverslip Grease Cups), Saginaw, Mich.

Lackawanna Lubricator & Mfg. Co. (Automatic Grease Cups only), Connellsville, Pa.

Lee Mfg. Co., So. Park, Port Huron, Mich.

Lonergan, Jas. E. & Co., 211 Race, Phila., Pa.

LUKENHEIMER CO., General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, New York & 35 Great Dover st., London, S. E. Eng. (See adv. index, end of book)

McNab & Harlin Mfg. Co. (Brass), 56 John, New York

Michigan Lubricator Co. ("Michigan"), Detroit, Mich.

Nash Bros. & Co. (the Michigan Spring Compression Grease), Ogdensburg, N. Y.

Nathan Mfg. Co. (Brass), 92 Liberty, N. Y.

Nolte Brass Co. (Plain Brass Oil Cups only), Springfield, O.

Nunn Brass Works (Inc.), 17 Wentworth, Rochester, N. Y.

Ohio Brass Co. (Brass & Glass), Mansfield, O.

Penberthy Injector Co., 346 Holden av., Detroit, Mich.

Phillips Lubricator Co. (Brass), 164 High, Boston, Mass.

Powell, Wm. Co., 2525 Spring Grove av, Cincinnati, O.

Queen City Brass & Iron Works (Brass), Cincinnati, O.

Reed Mfg. Co. ("Economy"), Erie, Pa.

Reilly, Jas., Repair & Supply Co. (Bangs), 229 West. New York

Ruppenthal, J. & Son (Grease), 1602 N B'way, St. Louis, Mo.

Scranton Steam Pump Co. (Grease), Scranton, Pa.

Seibert Cylinder Oil Cup Co. (Brass), 53 Oliver, Boston, Mass.

Sherwood Mfg. Co. ("Buffalo," "Niagara"), 34 Wash'n, Buffalo, N. Y.

Sims Co. (Crank Pin Oil Cups), Erie, Pa.

Springfield Brass Co. (Brass), Springfield, O.

Stahl-Salter Lubricating Co., 983 17th av, Minneapolis, Minn.

Swift Lubricator Co. (Glass & Brass Oil Cups & Compression Grease Cups), Elmira, N. Y.

Thomas Brass & Iron Co. (Brass), Waukegan, Ill.

Tucker, W. W. & C. F. (Self-closing Rotary Head Cup), Hartford, Conn.

Wadhams Oil & Grease Co. (Wadhams Grease Cups), 215 National av. Milwaukee. Wis.

*Oil & Grease Extractors

(See also Separators, Steam & Oil.)

Acton, John, 118 John, Brooklyn, N. Y.

De Rycke. Joseph, 39 Cortlandt, New York

Engineering & Power Co., Jamestown, N. Y.

Griffing, A. A. Iron Co., 449 Communipaw av., Jersey City, N. J.

Jacobs, C. & Co., 51 Oliver, Boston, Mass.

Jarecki Mfg. Co., Erie Pa., & Pittsburg, Pa.

Keystone Engine & Machine Works, 5th & Buttonwood, Phila., Pa.

Reliance Mfg. Co., Cleveland, O.

Robertson, Jas. L. & Sons, 204 Fulton, New York. & 12 Pearl, Boston, Mass.

Scranton Steam Pump Co. ("Lippincott"), Scranton, Pa.

Watson & McDaniel Co., 146 N 7th, Phila., Pa.

Oilers (Centrifugal)

Amerlean Luricatobr Co. ("American" Adjustable), Detroit, Mich.

Oilers (Engineers' & Machine)

(See also Cans, Oil, etc.)

Akron Mfg. Co. (The Maranville), Akron, O.

American Tube & Stamping Co. (Steel, Copperized & Nickel Plated), Bridgeport, Conn.

Consolidated Fruit Jar Co., New Brunswick, N.J.

Detroit Ship Building Co. (Brass Dept.), ("McCoy"), Detroit, Mich.

Deverell Perfection Mfg. Co. Coney Isuand av &Johnson pl, Brooklyn, N. Y.

Dover Stamping & Mfg. Co. (Tin & Brass), Cambridge, Mass.

Essex, G. B. Brass Co., Detroit, Mich.

Gans, Jno. L. (The Tormay), Connellsville, Pa.

Gem Mfg. Co. (Gem & Pyramid, Polished Brass & Steel Bright Finish), Spruce nr 33d, Pittsburg, Pa.

Geuber & Paeschke Mfg. Co. (Pieced Tin & Galvanized Iron, Bent & Straight Spout, also Spring Bottom Oilers), Milwaukee, Wis.

Hall Mfg. Co., 62 Cliff, N. Y.

Hero Fruit Jar Co., Gaul & Adams, Phila., Pa.

Iron Clad Mfg. Co. ("Thompson"), 46 Cliff, N. Y.

Jackson, J. W. ("Jackson" Oil Can), Sharpsville, Pa.

Knapp Mfg. Co. (Engineers' Brass Sets), 24 Frankfort, N. Y.

Lonergan, J. E. & Co., 211 Race, Phila., Pa.

Manhattan Brass Co. (Brass & Zinc), 334 E 28th, New York

McClintock & Irvine Co. ("M. & I." Sheet Steel). Pittsburg, Pa.

Michigan Lubricator Co. ("Michigan" Sight Feed & Steel & Nickel Hand Oilers), Detroit, Mich.

Nugent, Wm. W. & Co. ("Nugent," Crank & Crosshead Pin, etc.), 18 W. Randolph, Chicago, Ill.

Powell, Wm. Co. (Glass, Plain & Sight Feed), 2529 Spring Grove av, Cincinnati, O.

Rochester Automatic Oiler & Supply Co. ("Rochester" Automatic Self-Filling Steel Oiler), Rochester, N. Y.

Sands Mfg. Co. ("Sands," Steel Brazed), Allegheny, Pa.

Smith, S. W. (The Cannon), Keithsburg. Ill.

Tower & Lyon Co. (Malleable Iron), 95 Chambers, N. Y.

Troy Stamping Wks., Troy, N. Y.

Vogel, Wm. & Bros., 37 S 9th, Brooklyn. N. Y.

Wall, P. Mfg. Supply Co. (Brazed Steel), Allegheny, Pa.

WHITMAN & BARNES MFG. CO., (Chaces Zinc & Copperized Steel, etc.), West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)

Oilers (Floor)

Garnet, Geo. H. ("Universal"), Allentown, Pa.

Oilers (Locomotive)

Akron Mfg. Co. ("Maranville"), Akron, O.

Gray, Peter & Sons (Engineers' Heavy), 88 Union. Boston. Mass.

Handlan-Buck Mfg. Co. ("Perfection" Valve), St. Louis, Mo.

Jackson, J. W. ("Jackson" Oil Can), Sharpsville, Pa.

Knapp Mfg. Co., 24 Frankfort, New York

Lonergan, J. E. & Co. (Piston Rod, Guide Valve Stem, Oilers, etc.), 211 Race, Phila., Pa.

Oilers (Loose Pulley)

Lonergan, J. E. & Co., 211 Race, Phila., Pa.

LUNKENHEIMER CO., General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, New York, & 35 Great Dover, st, London, S. E., England. (See adv. index, end of book)

Swain Lubricator Co., 250 Lake, Chicago

Van Duzen, E. W. Co., 428 E 2d, Cinn., O.

Oilers (Mowing Machine)

Dover Stamping & Mfg. Co., Cambridge, Mass.

Gem Mfg. Co. ("Gem"), Pittsburg, Pa.

Geuber & Paeschke Mfg. Co., Milwaukee, Wis.

Gray, Peter & Sons, 88 Union, Boston, Mass.

Nilson-Walters Wrench Co. ("Daisy" Spring Bottom, Tin & Coppered), Casselton, N. Dak.

Troy Stamping Works, Troy, N. Y.

Vogel, Wm. & Bros., 37 S 9th, Brooklyn, N. Y.

Oilers (Manifold)

Lonergan, J. E. & Co., 211 Race, Phila., Pa.

Oilers (Rock Drill)

SULLIVAN MACHINERY CO., 7 Jackson boul, Chicago, Ill. (See adv. index, end of book)

Oilers (S. L. V. Imported)

Crosby Steam Gage & Valve Co., 95 Oliver, Boston, Mass.; 21 W. Lake, Chicago, & 78 John, N. Y.

Oilers (Sight Feed)

American Lubricator Co. ("Compound" for Marine Engines & Large Dynamos), Detroit, Mich.

Oilers (Windmill)

Red Cross Mfg. Co. (Automatic), Bluffton, Ind.

Oils (Analine)

Armitage Mfg. Co., Richmond, Va.

Oils (Bicycle & Sewing Machine)

Union Petroleum Co., 135 S 2d, Phila., Pa.

Nye, Wm. F., New Bedford, Mass.

Oils (Creosote)

Armitage Mfg. Co., Richmond, Va.
Barrett Mfg. Co., Land Title bldg., Philadelphia, Pa., Chicago, Ill., New York, St. Louis, Mo., Cleveland, O., Cincinnati, O., Pittsburg, Pa., Minneapolis, Minn., Kansas City, Mo., & New Orleans, La.
Lewis Roofing Co., Rock Island, Ill.
Walker-Cromwell Co., Kearney, N. J.

Oils (Cutting & Polishing)

Houghton, E. F. & Co., 240 W. Somerset, Phila., Pa.

Oils (Cylinder)

Wadhams Oil Co. ("Cook," for High Steam Pressure), National av, Milwaukee, Wis.
Winn, Wm. R. (Gas Engines, etc.), 143 Maiden lane, N. Y.

Oils (Drilling)

Houghton, E. F. & Co., 240 Somerset, Philadelphia, Pa.

Oils (Harness)

Miller, Frank Co., 349 W 26th, New York

Oils (Headlight)

Crystal Oil Refining Co., Willey st, Cleveland, O.

Oils (Japan)

Japan Linseed Oil Co. (Linseed), Pittsburg, Pa.
Sipe, Jas. B. & Co., Allegheny, Pa.

Oils (Linseed)

(See Linseed Oil & Cake Mills.)

Oils (Lubricating)

(See Lubricating Oils & Greases.)

Oils (Lustre)

Houghton, E. F. & Co. (For Velvet & Plush Mfrs.), 240 Somerset, Phila., Pa.

Oils (Tempering)

Houghton, E. F. & Co., 240 W. Somerset, Philadelphia, Pa.
Osborn-Colwell Co., 40 Cliff, New York

Old Metals

(See Scrap Iron & Steel)

Onyx Broker & Distributor

GRACE, WM., 120 Front, New York. (See adv. below)

Onyx Importers

GRACE, WM., 120 Front, New York. (See adv. below)
Jackson, C. D., 105th & E. R., New York
MANHATTAN MARBLE CO., 139th & E. R., New York. (See adv. index, end of book)

Onyx Workers

BATTERSON & EISELE, 431 11th av, New York. (See adv. index, end of book)
Christa, Philip & Sons, 508 Lafayette av, Detroit, Mich.
Empire City Marble Co., 250 11th av, New York
Fischer, Robt. C. & Co., E 139th & Locust av, New York
Hall, Chas. E. & Co., 62 1st st, E Cambridge, Mass.
Lautz & Co., 861 Main, Buffalo, N. Y.
McGratty & Sons, 315 to 335 Butler, Brooklyn, N. Y.
Pickel Marble & Granite Co. (also Dealers), 1901 N. Broadway, St. Louis, Mo.
Sherman & Flavin, 2513 State, Chicago, Ill.

Openers (Box)

American Cutlery Co. (Also Cigar Box), 193 Mather, Chicago, Ill.
National Selling Co. (Also Cigar Box), Allentown, Pa.

Openers (Can)

(See Can Openers.)

Opera Chairs & Assembly Seating

Allen, Thompson L Whitney Co., 112 Canal, Boston, Mass.
American School Furniture Co., 19 W 18th, New York, & Grand Rapids, Mich.
Andrews, A. H. Co., 174 Wabash av, Chicago, Ill.
Choate, W. A. Co., 24 State, Albany, N. Y.
Galpen, R. H., 898 B'way, N. Y.
Grand Rapids Furniture Mfg. Co., Grand Rapids, Mich.
Haney School Furniture Co., Grand Rapids, Mich.
Harwood, H. J., 220 Devonshire, Boston, Mass.
Kansas City Furniture Co. (Circular Seating). Kansas City, Mo.
Milner, A. R. Seating Co., Canal Dover, O.
Minneapolis Office & School Furniture Co., Minneapolis, Minn.
Moore Mfg. Co., Springfield, Mo.
Readsboro Chair Mfg. Co., Readsboro, Vt.
Sauder, J. M. & Co., Marietta, Pa.
Small, S. C. & Co., 90 Canal, Boston, Mass.
Standard School Furnishing Co., 150 Michigan av, Chicago, Ill

Ore Concentration

Rittenhouse Gap Concentrating Co., Catasauqua, Pa.

Ore Conveyors

(See Coal Conveyors.)

Ore (Manganese)

Dana & Co., 32 B'way, N. Y.
Doggett, Stanley (Mfrs.' Agt.), 101 Beekman. New York
Southern Manganese & Steel Co., Cave Spring. Ga., & Prudential bldg, Atlanta, Ga.

Ore Trestles & Tipples (Steel)

(See Tipples Mine)

Ore & Coal Buckets

(See Buckets, Ore & Coal.)

Organ Builders

(See Church Organ Builders.)

Organ Motors

(See Motors, Organ.)

Organs (Military Band)

Parker, C. W., Abilene, Kan.

Ornaments (Composition)

ARCHITECTURAL DECORATING CO., 204 Illinois, Chicago, Ill. (See adv. index, end of book)
Beattie Mfg. Co., 2202 Pine, St. Louis, Mo.
BUEHNER, A. & CO., 220 N 2d, St. Louis, Mo. (See adv. index, end of book)
DECORATORS' SUPPLY CO., 209- 219 S Clinton, Chicago, Ill. (See adv. index, end of book)
Dittgen & Rapp, Spencer av, Norwood, O.
Dorn, Wm. J., 268 Market, Newark, N. J.
Eastman & Johnstone, 1711 St. Charles, St. Louis, Mo.
EMMEL, CHAS., 383 Albany, Bos- ton, Mass. (Papier Mache, Putty Staff, Plas-
Forman Bros., 645 Gates av, Brooklyn, N. Y.
Gossert, Henry, 320 Harmony, Phila., Pa.
Harsha, L. R. Mfg. Co., 793 Carroll av, Chicago, Ill.
Hartmann, John, 13 N Jefferson, Chicago
Hutter, Jno. C., 519 W.. 21st, N. Y.
Jennens, W. Mfg. Co., 1700 Wyandotte, Kansas City, Mo.
Lang, H. R. & Co., Ft. Wayne, Ind.
Lombard, A. P. & Co., 99 Bristol, Boston, Mass.
McCune, Alex., 1303 Race, Phila., Pa.
Malchow, Louis, 215 S Clinton, Chicago, Ill.
Meislahn, C. F. & Co., 19 Clay, Baltimore, Md.
Newcomb, F. J., Mfg. Co., 44 W 13th, N. Y.
New York Composition & Decorative Co., 228 W. Houston, New York
Parker, Wm., 324 7th av, New York
PLASTIC RELIEF MFG. CO., 298 N Halsted, Chicago, Ill. (See adv. index, end of book)
Raubold & Lambin, 19 N Ann, Chicago
Root & Young, 286 Sheldon, Hartford, Conn.
Rudolph, Oscar (Inc.), 32 E 22d, New York
Schneider, F. H., 439 E. Water, Syracuse, N. Y.
SEIFERT, FRANK A., PLASTIC Relief Co., 2646 Lawton av, St. Louis, Mo.
Stubb, A., 2 Nebraska av, Chicago
Walter, G. E. Co., 157 E 44th, New York
Weary, Edwin D., Marquette bldg, Chicago, Ill.
White, Potter & Paige Mfg. Co., 415 Willoughby av, Brooklyn, N. Y., & 26 W 24th, N. Y.
White & Maslen, 627 12th, Detroit, Mich.
Whitman, J. Franklin Co., 212 S 5th, Phila., Pa.
Wilton-Reuther Co., 472 Fort W., Detroit, Mich.

Ornaments (Gable)

BERGER MFG. CO., Main Office & Works, Canton, O. Branches—23 Lake, Chicago, Ill.; 623 N Main, St. Louis, Mo.; 210 E 23d, New York; 1215 Filbert, Phila., Pa., & 176 Federal, Boston, Mass. (See adv. index, end of book)
STEARNS, A. T., LUMBER CO., (Wood), Neponset, & 166 Devonshire, Boston, Mass. (See adv. index, end of book)

WILLIAM GRACE,

ONYX BROKER AND DISTRIBUTOR
120-122 Front St., NEW YORK, U. S. A.
Stock Depot for Choice Grades of Mexican Onyx.
FULL OFFERINGS OF THE MINES:

Etla, Sorpresa, El Carmen, New Selinas, Old Selinas, New Pedrara, Viguera, Evelina,
Rose, Excelsior, F. Onyx Nuggets, Old Pedrara Nuggets, Amalia Nuggets, Imperial, Victoria White.

SPECIAL SELECTIONS FOR EXPORT.

Ornaments (Plastic)

ARCHITECTURAL DECORATING CO., 204 Illinois, Chicago, Ill. (See adv. index, end of book)
Bailey Co., 224 21st, Detroit, Mich.
Berger, H. Sons, 101 4th av, N. Y.
Betkouskie, Martin F., 451 E 3d, Los Angeles, Cal.
BUEHNER, A. & CO., 220 N 2d, St. Louis, Mo. (See adv. index, end of book)
DECORATORS' SUPPLY CO., 209-219 S Clinton, Chicago, Ill. (See adv. index, end of book)
DePlanque, F. R., 1349 Ridge av, Phila., Pa.
Dini, Geo. L., 497 Atlantic av, Brooklyn, N. Y.
Dittgen & Rapp, 3927 Spencer av, Norwood, O.
Eastman & Johnstone, 1711 St. Charles, St. Louis, Mo.
EMMEL, CHAS., 383 Albany, Bos- ton, Mass.
Farley, Wm. E. & Bro., 3635 Market, Phila., Pa.
Florentine-Wilhelm Co., Madisonville, Cincinnati, O.
Forman Bros., 645 Gates av, Brooklyn, N. Y.
FRENCH, SAM'L H. & CO., 4th & Callowhill, Phila., Pa. (See adv. index, end of book)
Hanisch, Ad. (Stucco), Syracuse, N. Y.
Heath, Thos., 42 N 11th, Phila., Pa.
Klee, Thomson Co., 327 E 40th, New York
Lang, H. R. & Co., Ft. Wayne, Ind.
Marks, W. A. Plaster Ornamental Mfg. Co., 726 W 5th, Cincinnati, O.
MILWAUKEE ORNAMENTAL CARV- ing Co., 423 Poplar, Milwaukee, Wis. (See adv. index, end of book)
New York Composition & Decorative Co., 228 W. Houston, New York
PLASTIC RELIEF MFG. CO., 298 N Halsted, Chicago, Ill. (See adv. index, end of book)
Prior, Jas. V., 288 Washington, Newark, N. J.
Schneider, F. H., 439 E Water, Syracuse, N. Y.
SEIFERT, FRANK A., PLASTIC Relief Co., 2646 Chestnut, St. Louis, Mo.
Stephens, Cooper & Co., 15 S. 18th, Phila., Pa.
Trapp, John B., Peoria, Ill.
Walter, G. E. Co., 157 E 44th, New York
Wilhelm, Florintine Co., Madisonville, O.

Ornaments (Sheet Metal)

Broschart & Braun, 601 W 130th, N. Y.
Frand, Martin J. & Co., 110 Arch, Camden, N. J.
FRIEDLEY & VOSHARDT, 196 Ma- ther, Chicago. (See adv. index, end of book)
Gara, McGinley & Co., 23 S 17th, Phila., Pa.
Gerock Bros. Mfg. Co., 1252 Manchester av, St. Louis, Mo.
Hergert, Theo. E. (For Cornices, etc.), 384 2d av, New York
Michigan Hdw. Mfg. Co., Grand Rapids, Mich.
Miller & Doing, 83 Wash'n, Brooklyn, N. Y.
MILWAUKEE CORRUGATING CO., Milwaukee, Wis. (See adv. index, end of book)
Mullins, W. H., Salem, O.
Pruden, C. D. Co., 331 St. Paul, Baltimore, Md.
St. Paul Roofing, Cornice & Ornament Co., St. Paul, Minn., & Baltimore, Md.
Thoresen, Wm., 816 N Western av, Chicago
Thorn, J. S. Co., 1227 Callowhill, Phila., Pa.

Ornaments (Steel)

BRAUN, J. G. (for Ornamental Iron Work), 322 S Paulina, Chicago, Ill., & 554 W 36th, New York. (See adv. index, end of book)

Ornaments (Transfer)

MEYERCORD CO. ("Decalcomania") Cham. of Com. bldg, Chicago, Ill. (See (See adv. index, end of book)
National Decalcomania Co., Philadelphia, Pa.
Palm Bros. & Co., 316 Main, Cincinnati, O.
Palm-Bechteler & Co., 80 5th av, New York

Ornaments (Wood)

Curtis Bros. & Co. (For the Trade Only), Clinton, Iowa
Curtis & Bartlett Co. (For the Trade Only), Lincoln, Neb.
Foster-Munger Co. (For the Trade Only), W 20th & S Sagamon, Chicago
Gauger, Jno. A. & Co. (For the Trade Only), W 22d & Laflin, Chicago
Gould Mfg. Co. (For the Trade Only), Oshkosh, Wis.
Grand Rapids Carved Moulding Co., Grand Rapids, Mich.
Hake Mfg. Co., Grand Rapids, Mich.
Harris & Cole Bros. (For the Trade Only), Cedar Falls, Ia., & Columbia, Tenn.
Heidenreich, Geo. E., 268 Erie, Cleveland, O.
Lidell & Williams, 597 Austin av, Chicago
McMillen, R. Co. (For the Trade Only), Oshkosh, Wis
Michigan Toy & Novelty Co. (Rosettes & Turned Specialties). Hollard, Mich.
MILWAUKEE ORNAMENTAL CARV- ing Co., 423 Poplar, Milwaukee, Wis. (See adv. index, end of book)
Morgan Co. (For the Trade Only), Oshkosh, Wis. & W 22d & S Union, Chicago
N. Y. Carved Moulding Co., 771 1st av, N. Y.
Ohio Scroll & Lbr. Co., Covington, Ky.
Paine Lumber Co. (For the Trade Only), Oshkosh, Wis., & 1 Madison av, N. Y.
Palmer, Fuller & Co. (For the Trade Only), 2244 Lumber, Chicago
Parker, Edwin C., 519 W. 30th, N. Y.
Pierce, W. E. & Co., Milford, N. H.
Roberts, E. L. & Co. (For the Trade Only), 22d & Union pl, Chicago
Spanjer Bros., Newark, N. J.
STEARNS, A. T. LUMBER CO., Ne- ponset & 166 Devonshire, Boston, Mass. (See end of book)
Waddell Mfg. Co. (Rosettes, Carved, Grilles, etc.), Grand Rapids, Mich.

Ornaments & Figures (Iron)

(See Fountains, Vases, etc.)

Outriggers (Arc Lamp)

Cutter, Geo. Co., 129 Fulton, New York

Oven Builders (Brick & Portable)

Albrecht, Francis J. (Brick, Inside Heating, also Continuous), 1146 Penn av., Pittsburg, Pa.
Barber & Turner (Brick & Portable), 429 N Orianna, Phila., Pa.
Blendinger, Fred'k A. (Brick), 824 O'Hara, Allegheny, Pa.
Blodgett & Co. (Portable), Burlington, Vt.
Bulirkop Oven Co. (Brick), New York city
Carroll, B. F. (Brick), Joliet, Ill.
Clad, V. & Sons, Inc. (Portable), 117 S 11th, Phila., Pa.
Fischer, Henry C., 234 Greene, Brooklyn, N. Y.
Fish, A. J. & Co. (Brick), 39 S Franklin, Chicago
Hall, S. L .& Co. (Brick), 156 E 18th, Chicago
Hilcher, Chas. G. (Brick), 3839 State, Chicago
Hilcher, Edw. P. (Brick), 192 Larrabee, Chicago
Hubbard Portable Oven Co. (Portable), 114 Michigan, Chicago, & 260 W Broadway, New York
Ils, John G. & Co., San Francisco, Cal.
Indiana Cracker Machine Co. (Portable), Chicago, Ill.
Kosicky, W. (Brick), Detroit, Mich.
McDowell Oven Co. (Portable), 234 State, Boston
Middleby, Jos. (Portable), 204 State, Detroit, Mich.
Middleby Oven Mfg. Co. (Portable), 60 W Van Buren, Chicago
Moon, Geo. R. (Portable), 561 Short av, Columbus, O.
Pearson, Harry (Portable), 60 Causway, Boston
Petersen, Edw. (Brick), 1210 Wrightwood av, Chicago
Reid Portable Oven Co. (Portable), 14 Palace Arcade, Buffalo, N. Y.
Roth, McMahon Co. (Portable), Evanston, Chicago
Schaller Patent Bake Oven Co. (Brick), Pike bldg, Cincinnati, O.
Simpkins, Alvin T. (Brick & Portable), 2731 Bacon, St. Louis, Mo.
Watkins, James Y., 16 Catharine, New York
Weiner & Meuhs (Portable), Cleveland, O.
Werner & Pfferdever (Brick), Saginaw, Mich.
Willey, Albert (Portable), 103 Lake, Chicago

Ovens (Core)

Blodgett, G. S. Co. (Baking & Japanning), Burlington, Vt.
Brass Founders Supply Co. (For Brass Fdrs.), Newark, N. J.
Byram & Co., Detroit, Mich.
Dodge Mfg. Co. (Square & Rotary), Mishawaka, Ind.
McCormack, J. S. Co., 25th & A. V. Ry., Pittsburg, Pa.
Millett Core Oven Co., Brightwood, Mass.
PAXSON, J. W. CO., 1021 N Del. av, Phila., Pa. (See adv. index, end of book)
SMITH, J. D. FOUNDRY & SUPPLY Co., 40 S. Water, Cleveland, O., & 2143 Central av, Cincinnati, O. (See adv. index, end of book)
WHITING FOUNDRY & EQUIPMENT Co., Harvey, Ill. (See adv. index, end of book)

Overhead Tracking

(See Trolley Tracks.)

Oxide of Lead

Davis Lead Co., Park bldg, Pittsburg, Pa.
Doggett, Stanley (Mfrs. Agt.), 101 Beekman, New York

Oxide of Zinc

Doggett, Stanley (Mfrs. Agt.), 101 Beekman, New York
Gabriel & Schall, 205 Pearl, New York
Mallinckrodt Chemical Works, St. Louis, Mo., & 90 William, New York
Mineral Point Zinc Co., Chicago, Ill.
New Jersey Zinc Co., 71 B'way, New York

Packers (Flour, Bran & Feed)

(See Packing Machines.)
(Also Bagging Machines.)

Packers (Oil Well)

Dresser, S. R., Bradford, Pa.
Lake Shore Rubber Co., Erie, Pa.
McElwaine Co., Bradford, Pa.

Packers (Shingle)

DeLoach Mill Mfg. Co., Atlanta, Ga.
Diamond Iron Works, Minneapolis, Minn.
FILER & STOWELL CO., Becher & Ziemer, Milwaukee, Wis. (See adv. index, end of book)
Lane Mfg. Co., Montpelier, Vt.
Mitts & Merrill, Saginaw, Mich.
Trevor Mfg. Co., Lockport, N. Y.

Packers' Cans

AMERICAN CAN CO., 11 B'way, New York

Packing (Hard Fibre)

(See Fibre Mfrs., Hard.)

Packing (Jute)

American Mfg. Co., 63 Wall, New York
Bailey, John T. & Co., c Water & Tasker, Phila., Pa.
Clinton Mfg. Co. (John Ross, Propr.) (Flax), 83 Grand av, Brooklyn, N. Y.
Columbian Cordage Co., Auburn, N. Y.
Jacobs Cordage Co. (Hemp), Harriot & Budd, Cincinnati, O.
Overman & Schrader Cordage Co., Covington, Ky.

Packing (Leather)

Detroit Leather Specialty Co. (Hydraulic Leather), Detroit, Mich.
Leather & Brass Mfg. Co. ("Cup"), Auburn, N. Y.
Houghton, E. F. & Co. (Hydraulic "Vici"), 240 W. Somerset, Phila., Pa.

Packing (Metallic)

Advance Packing & Supply Co. (Asbesto-Metallic Sheet), 55 S Canal, Chicago, Ill.
Ambrose Machine Co., Provost & Eagle, Brooklyn, N. Y.
American Balance Valve Co., Jersey Shore, Pa.
American Metallic Packing & Supply Co. (Self-Lubricating), 46 S Water, Cleveland, O.
American Steam Packing Co. (Asbesto-Metallic), 60 Federal, Boston, Mass.
Aurora Metal Co. ("Lewis & Kunzer" Piston), Aurora, Ill.
Boston Belting Co. ("Forsyth" Combination), 256 Devonshire, Boston, Mass.
Brandon, Jas., 390 11th ave, N. Y.
Charleston Metallic Packing Co. (Semi-Bronze), Charleston, S. C.
Common Sense Metallic Packing Mfg. Co., 393 Pearl, N. Y.
Cook, C. Lee, Louisville, Ky.
Delaney Oil & Lubricant Co., 45 3d, Milwaukee, Wis.
Detroit Lubricating Co. ("Detroit"), Detroit, Mich.
Duval Metallic Packing Co., 126 Liberty, N. Y.
France Packing Co. (Inc.), (Piston & Valve Rod, etc.), 6506 State rd, Tacony, Phila., Pa.
Galvanic Metal Paper Co., 18 Morris, Jersey City, N. J.
Garlock Packing Co., Palmyra, N. Y.
Goodsell Packing Co. ("Swain's" Improved), 33 S. Canal, Chicago, Ill.
Harper & Slack Co., Chester, Pa.
Hayden, N. L. Mfg. Co. (The Downing), Columbus, O.
Hileman-James Co. (Plastic), McKeesport, Pa.
Holmes Metallic Packing Co. (Piston Rod & Valve Stem), Wilkesbarre, Pa.
Ideal Metallic Packing Co., St. Paul, Minn.
Jerome & Elliott, 35 S Canal, Chicago
Katzenstein, L. & Co., 358 West, N. Y.
Larkin Metallic Packing Co., Phipps Power bldg, Pittsburg, Pa.
Merrill, Wm. B. & Co. ("Tripp" for Piston Rods, etc.), 72 India, Boston, Mass.
Merwarth Metallic Gasket Co., East Cambridge, Mass.
Mitchell, Geo. E., 92 State, Boston, Mass.
Northern Meteallic Packing Co., St. Paul, Minn.
Paine Metallic Packing Co., Bridgeport, Conn.
Penna. Electrical & Railway Supply Co. ("Larkin's" Self-Lubricating), Phipps Power bldg, Pittsburg, Pa.
Phenix Metallic Packing Co., 7 S Jefferson, Chicago
Pioneer Brass Works ("Deed's" Piston Rod), Indianapolis, Ind.
Pittsburg Piston Packing Co. (Plastic Metallic Piston), Pittsburg, Pa.
Prescott, D. Clint Co. ("Regal"), Menominee, Mich.
Railway Appliances Co. (The Economic). Old Colony bldg., Chicago, Ill., & 114 Liberty, N. Y.
Reeves Machine Co. (The Hartham), Trenton, N. J.
Revere Rubber Co. ("Giant" & "Samson," Spiral Piston, etc.), 77 Bedford, Boston, Mass.; 59 Reade, New York; Phila, Pa.; Chicago, Ill., & San Francisco, Cal.
St. John Cylinder Packing Co., 120 Liberty, N. Y.
Sayen & Schultz ("Shultz" Metal Wedge), 21 N 13th, Phila., Pa.
Standard Packing Mfg. Co. (Metallic Fibred Compound), 404 Atlantic av, Boston, Mass.
Strong Machine & Supply Co (Tisafine Asbestos), 2 Murray, New York
Swain Lubricator Co., 252 Lake, Chicago, Ill.
Trainer, C. W. Mfg. Co. ("Asbestos Metallic"), 89 Pearl, Boston, Mass.
Tripp Metallic Packing Co., 297 Congress, Boston, Mass.
Udstad, S. (Plastic), Aurora, Ill
United States Metallic Packing Co., 427 N 13th, Phila, Pa.
Walker, Thos. & Sons, 4619 Tacony Fkd., Philadelphia, Pa.
Walsh Packing Co., 111 S 7th, Phila., Pa.
Ward & Upright Engineering Co., 41 York, Brooklyn, N. Y.
Wilkinson Mfg. Co. ("Paragon" Piston Rod), Bridgeport, Pa.

Packing Mfrs.

(See also Engineers' Supplies).
Also Belting & Belt Appliances
Also Cotton & Wool Waste.
Also Mill & Factory Supplies.
Also Mineral Wool.
Also Pipe & Boiler Coverings various kinds
Also Steam Fitters' Supplies & Specialties, Jobbers.

CALIFORNIA.

SAN FRANCISCO—Boston Woven Hose & Rubber Co. (of Cambridgeport, Mass.)
Gutta Percha & Rubber Mfg. Co., 26 Fremont
Revere Rubber Co. (of Boston, Mass.), 527 Market

COLORADO.

DENVER—**LESCHEN, A. & SONS ROPE** Co., 1717 Arapahoe. (See adv. index, end of book)

CONNECTICUT

BRIDGEPORT—Paine Metallic Packing Co.
HARTFORD—Hartford Rubber Works Co. (Rubber)
Johns-Pratt Co. (Vulcanized Asbestos), 555 Capitol

DELAWARE

WILMINGTON—Delaware Hard Fibre Co. (Hard Fibre)

ILLINOIS

AURORA—Udsted, S. (Plastic)
CHICAGO—Advance Packing & Supply Co. (Asbesto-Metallic Sheet, etc.), 55 S Canal
Allen, W. D. Mfg. Co. (The Arrow), 151 Lake
Boston Woven Hose & Rubber Co. (Of Cambridgeport, Mass.), 185 Lake
Chicago Fireproof Covering Co., 18 N Canal
Chicago Rawhide Mfg. Co ("Mabbs" Rawhide Hydraulic), 75 E Ohio
Crandall Packing Co. (Of Palmyra, N. Y.), 36 La Salle
Garlock Packing Co. (Of Palmyra, N. Y.), 72 S. Canal
Goodsell Packing Co. (Flax, Metallic, etc.), 33 S. Canal
Gutta-Percha & Rubber Mfg. Co. (Of New York), 98 Lake
Hartford Rubber Works Co. (Of Hartford, Conn.), 136 Lake
Home Rubber Co. (Of Trenton, N. J.), 17 La Salle
Hoyt Metal Co. (Metallic), of St. Louis, 277 Dearborn
Jenkins Bros. ("Jenkins 96"), (of New York), 31 N. Canal
Jerome & Elliott ("Jerome," Metallic), 35 S Canal
Johns, H. W. Manville Co. (Of New York), 173 Randolph
Keasbey & Mattison Co. (Cylinder & Steam Asbestos) (of Ambler, Pa.), 208 Lake
LESCHEN, A. & SONS ROPE CO., 137 E Lake. (See adv. index, end of book)
McKim Gasket & Mfg. Co., 84 Van Buren
Mechanical Rubber Co. (Rubber), 230 Randolph
Morgan & Wright (Inc.) (Rubber, Ammonia, Cloth Insertion, Piston Rod, etc.), 19 N May
N. Y. Belting & Packing Co. (Ltd.) (of New York) (Rubber), 150 Lake
Phenix Metallic Packing Co. (Metallic), 7 S. Jefferson
Revere Rubber Co. (of Boston, Mass.), 168 Lake
Swain Lubricator Co. (Metallic), 250 Lake
United States Metallic Packing Co. (of Phila., Pa.), Great Northern bldg
WATSON, H. F. (of Erie, Pa.), 12 S Clinton. (See adv. indcx, end of book)
WHITMAN & BARNES MFG. CO. ("Royal & Norka," Ret Sheet; also Plumbago Sheet, "Meridian" Sheet & Square & Round Duck Piston, etc.), West Pullman. (See adv. index, end of book)

INDIANA

INDIANAPOLIS — Pioneer Brass Works ("Deeds") Metallic
NEW ALBANY—Bowman, D. F. (Railroad)

MASSACHUSETTS.

BOSTON—American Steam Packing Co. (Asbesto Metallic), 60 Federal
Anderson, G. P. (Engine & Pump), 73 Oliver
Auto Mfg. Co., 7 Water
Bay State Belting Co., 119 Franklin
Bestosking Packing & Supply Co. (Valve Stem), 170 Sumner
Boston Belting Co. (Rubber, "Forsyth" Combination, Ammonia, Plumbago, "Phoenix Red," Piston, Spiral Piston, "Noxall," Ring, etc.), 256 Devonshire
Boston Woven Hose & Rubber Co. (of Cambridgeport, Mass.), 170 Summer
Chesterton, A. W. & Co. ("Metalbestos," "Lubrobestos," "Rubberbestos," etc), 64 India
Chicago Rawhide Mfg. Co. (of Chicago, Ill.), 139 Congress
Clark Flexible Metallic Packing Co., 34 Oliver
Eagle Oil & Supply Co. ("Eagleine," Ring Square Flax, Hydraulic, etc.), 104 Broad
Fitts, F. E. Mfg. & Supply Co., 88 Purchase
Garlock Packing Co. (Of Palmyra, N. Y.), 12 Pearl
Gutta-Percha & Rubber Mfg. Co. (Of New York), 71 Pearl
Jenkins Bros. ("Jenkins 96"), 35 High
Johns, H. W. Manville Co. (of New York), 77 Pearl
Keasby & Mattison Co. (Cylinder & Steam Asbestos) (of Ambler, Pa.), 154 Pearl
Knowlton, Geo. W. Rubber Co. ("Knowlton" High Pressure Ring Ammonia, Manilla, Sheet & "G. W. K." Spiral, Dryer, Gum Core, Golden Flax), 33 Broad
Knowlton Packing Co. (Rubber), 75 Pearl
Lubron Mfg. Co. ("Lubron"), 38 India
Meader, Geo. H. ("St. John" Cylinder), 38 Pearl
Merrill, W. B. & Co. ("Tripp" Metallic), 74 India
Mitchell, Geo. E. (Metallic), 92 State
Revere Rubber Co. ("Black Hawk," Sheet. Red Core, Hydraulic, Globe & Angle Valve High Pressure), 77 Bedford
New York Belting & Packing Co. (of New York) (Rubber), 24 Summer
SILVER LAKE CO. (Braided), 82 Chauncy. (See adv. index, end of book)
Standard Packing Mfg. Co. (Metallic Fibred Compound for Ammonia, Air, Steam, Truck Boxes, etc.), 404 Atlantic av
Thompson & Norris Co., Braintree c Everett-Alls
Trainer, C. W. Mfg. Co. (Asbesto Metallic), 89 Pearl
Walworth Mfg. Co., 132 Federal
WATSON, H. F. CO. (of Erie, Pa.), 233 Congress. (See adv. index, end of book)
CAMBRIDGE—Boston Woven Hose & Rubber Co.
Gould Packing Co. (Ring, etc.)
WARREN—Warren Specialty Co.

MICHIGAN.

DETROIT—Detroit Leather Specialty (Wear Well Hydraulic Leather), 275 Beecher av
Detroit Lubricator Co. (Metallic "Detroit"), Hodges bldg
MENOMINEE—Prescott, D. Clint Co. ("Regal," Metallic)

MINNESOTA.

ST. PAUL—Ideal Metallic Packing Co.
Northern Metallic Packing Co. (Metallic)
WINONA—Union Fibre Co. (Fibre Waste)

MISSOURI.

ST. LOUIS—Johns, H. W.-Manville Co. ("Vulcabeston"), (of New York), 916 N B'way

LESCHEN, A. & SONS ROPE CO., 920 N Main. (See adv. index, end of book)
Morrison, Robt. ("Morrison" Self Lubricating), 5034 Arsenal
Pilley Packing & Flue Brush Mfg. Co. (Wedge Ring & Braided, for Steam, Water, Ammonia & Hydraulic), 606 S 3d
Zelnicker, Walter A. Supply Co. ("Brass-bestos" Sheet), 408 N 4th

NEW JERSEY.

COLLINGSWOOD—Allen, Jos. (Condenser Tube)
JERSEY CITY—Galvanic Metal Paper Co. (Galvanic Metalic), 18 Morris
Johnson, Henry Co. (Ring, Spiral, Hydraulic, Square Flax, etc.)
Phoenix Steam Packing Co. ("Crack-a-Jack," Oral, Gum Core), ft of Gates
Lane, Rodney D. & Co. (Elastic, Ring, Spiral, Waterproof, etc.), 484 Johnson av
N. J. Car Spring & Rubber Co. (Antimony Red Sheet)
Russell, M. J. (Russell's Automatic Steam), 42 Morris
Voorhees Rubber Mfg. Co. (Nubian), 18 Bostwick
MILLTOWN—International Automobile & Vehicle Tire Co. (Rubber)
PASSAIC—Manhattan Rubber Mfg. Co. (Rubber)
PATERSON—La Favorite Rubber Mfg. Co. ("Perry's," Red & Brown Sheet)
TRENTON—Consolidated Rubber Co. (Rubber)
Crescent Belting & Packing Co. (& Oil)
Empire Rubber Mfg. Co. (Rubber, All Kinds)
Franklyn Rubber Mfg. Co.
Hamilton Rubber Mfg. Co. (Rubber)
Home Rubber Co. (Rubber)
Hunt, Jas. B., Mfg. Co. (Gum, Core, Flax)
Reeves Machine Co. (Harthan Metallic)
Stokes, Jos. Rubber Co.
Trenton Rubber Mfg. Co. (Rubber)
United & Globe Rubber Mfg. Co. (Rubber)
Whitehead Bros. Rubber Co. (Rubber)

NEW YORK.

ALBANY—Albany Rubber Co. (Rubber), 42 Beaver
JAMESTOWN—Enginecring & Power Co.

NEW YORK CITY

Borough of Brooklyn

BROOKLYN—Ambrose Machine Co. (Rod & Piston), Provost & Eagle
CLINTON MFG. CO. (Jno. Ross, Propr.) (Flax, Hydraulic & Steam), 83 Grand av
Excelsior Ring Packing Co., 430 Kent av

Boroughs of Manhattan & Bronx.

NEW YORK—American Mfg. Co. (Jute), 63 Wall, N. Y.
American Steam Packing Co. (Asbestos, Metallic), of Boston, Mass., 35 Dey
Boston Belting Co. (of Boston, Mass.), (Rubber, "Forsyth," Combination, Ammonia, Plumbago, "Phoenix Red," Piston, Spiral Piston, "Noxall," Ring, etc.), 100 Reade
Boston Woven Hose & Rubber Co. (Of Cambridgeport, Mass.), 105 Reade
Brandt, Randolph ("Scldcn," Square, Flax & Zena), 38 Cortlandt
Buckley, Jno. W., 69 Warren
Carey, Philip Mfg. Co. (Asbestos, etc.). (of Lockland, O.), 118 Liberty
Colgan Mfg. & Supply Co. ("Colgan," High Pressure & Sheet), 28 Moore
Columbia Ring Packing Co., 55 Dey
Common Sense Metallic Packing Co., 393 Pearl
Crandall Packing Co., 136 Liberty. Factory, Palmyra, N. Y.
Duval Metallic Packing Co. (Metal), 126 Liberty
Empire Rubber Mfg. Co. (Rubber, All Kinds), 88 Reade
Garlock Packing Co. (of Palmyra, N. Y.), 136 Liberty
Gilmour, R. M. Mfg. Co. (Asbestos), 105 John
Goodrich, B. F. & Co. (of Akron, O.) (Rubber), 66 Reade
Goodyear Rubber Co., 787 B'way
Greene, Tweed & Co., 17 Murray
Gutta Percha & Rubber Mfg. Co., 126 Duane
Home Rubber Co. (Rubber), 80 Reade. Works, Trenton, N. J.
Imperial Belting & Packing Co., 132 Liberty
International Automobile & Vehicle Tire Co. (Rubber), 346 B'way
Jenkins Bros. ("Jenkins 96"), 71 John
Johns, H. W.-Manville Co. (Vulcabeston), 100 William
Katzenstein, L. & Co. (Metallic & Flexible Tubular Metallic), 358 West
Keasbey & Mattison Co., 84 John. Works, Ambler, Pa.
Knowlton Packing Co. (Rubber), 39 Cortlandt
LESCHEN, A. & SONS ROPE CO., 163 Wash'n. (See adv. index, end of book)
Libby Mfg. Co. ("Libby's" XL Line), 147 Varick
Manhattan Rubber Mfg. Co. ("Paranite"), 22 Murray
Mechanical Rubber Co. (Rubber), 253 B'way
Metropolitan Rubber Co. (Rubber), 114 Bleecker
Mineralized Rubber Co., 18 Cliff
Motley, Thornton N., 12 John
Murray, R. & H. J., 24 Duane
New York Belting & Packing Co. (Ltd.) (Rubber), 91 Chambers
New York Rubber Co., 84 Reade
Peerless Rubber Co. (Peerless, Spiral, Piston & Valve Rod, etc.), 16 Warren
Penna Rubber Co., 127 Duane
Revere Rubber Co. (of Boston, Mass.), 59 Reade
Roberts, Geo. I. & Bros. (Inc.) (Square. Flax Packing), 471 4th av
Robertson, Jas. L. & Sons (Eureka), 204 Fulton
St. John Cylinder Packing Co. (Metallic), 120 Liberty
Sanderson & Wright, 465 W B'way
Smith, Thos. F. & Co. (Asbestos), 16 Cedar
Strong Machine & Supply Co. (Steam, Ammonia, Hydraulic, Asbestos, etc.), 2 Murray
Vulcan Asbestos Co., 116 Maiden lane
Waterbury Rubber Mfg. Co. (Rubber), 49 Warren
Watt's, Jno. M. Sons ("Dirigo" Gum Core), 24 Duane
WHITMAN & BARNES MFG. CO. ("Royal & Norka." Red Sheet; also Cloth Insertion, Wire Insertion, Plumbago Sheet, "Meridian" Sheet & Square & Round Duck Piston, etc.), 111 Chambers. (See adv. index, end of book)

(END OF NEW YORK CITY.)

PALMYRA—Crandall Packing Co. (Electric Ring)
Garlock Packing Co. (All Kinds for All Purposes)
Vulcan Packing Co.

OHIO.

AKRON—Goodrich, B. F. & Co. (Rubber)
WHITMAN & BARNES MFG. CO. ("Royal & Norka," Red Sheet; also Cloth Insertion, Wire Insertion, Plumbago Sheet, "Meridian" Sheet & Square & Round Duck Piston, etc.) (See adv. index, end of book)
CINCINNATI—Bradford Belting Co., cor 2d & Walnut
Jacobs, Chas. M., Cordage Co. (Jute Packing), Neave bldg
Thompson, Walter M., 835 W 5th
CLEVELAND—American Metallic Packing & Supply Co. (Self-Lubricating Metallic), 46 S Water
Boston Woven Hose & Rubber Co. (of Cambridgeport, Mass.), 26 S Water
Cleveland Tool & Supply Co., S S Water
Johns, H. W.-Manville Co., 14 S Water
Keasbey & Mattison Co. (Cylinder & Steam Asbestos) (of Ambler, Pa.), 117 Water
Mechanical Rubber Co. (Rubber), C. & P. R. R., nr Nickel Plate R. R.
COLUMBUS—Hayden, N. L. Mfg. Co. ("Downing," "Metallic")
LOCKLAND—Carey, Philip Mfg. Co. (Asbestos, etc.)
SWANTON—Pilliod Packing Co. ("Pilliod's" Ring Packing for Steam, Water & Air)
YOUNGSTOWN—Republic Rubber Co. (Rubber)

PENNSYLVANIA.

AMBLER—Keasbey & Mattison Co. (Cylinder & Steam Asbestos)
BRIDGEPORT—Wilkinson Mfg. Co. ("Paragon" Metallic)
CHESTER—Harper & Slack Co. (Metallic)
ERIE—Continental Rubber Works (Rubber)
Lake Shore Rubber Co. (Rubber)
WATSON, H. F. CO. (See adv. index, end of book)
FRANKLIN—Franklin Mfg. Co. ("Perfection" Journal Box, Piston Rod, etc.)
JEANNETTE—Penna Rubber Co. ("Century," for Steam, Air, Acids, Water, etc.)
McKEESPORT—Hileman-James Co. (Plastic Metallic)
NORRISTOWN—Norristown Covering Co.
PHILADELPHIA—Acme Packing & Rubber Co., 230 N 3d
ASBESTOS & MAGNESIA MFG. Co., Land Title bldg. (See adv. index, end of book)
Billington, Jas. H. Co. (Maltese Cross Brand), 113 Chestnut
Brown, D. P. &Co. (Brown's Oil Proof Ring & Sheet, etc.), 264 N 4th
Canfield Mfg. Co. (Ltd.), ("Empire" Braided Gum Core & "Canfield" Square Flax Spiral & Ring), 1112 Noble
Eureka Packing Co., 14 N 4th
France Packing Co., Inc. ("France's" Metallic, Piston & Valve Rod), 6506 State rd, Tacony
Garlock Packing Co. (of Palmyra, N. Y.), 604 Arch
Glanding, Jas. Co., 1907 N 6th
Houghton, E. F. Co. (Of Every Description), 240 W Somerset
Jenkins Bros. ("Jenkins 96"), 133 N 7th
Johns, H. W.-Manville Co., 21 N 2d
Lane, R. D. & Co., 28 N 5th
Latta, Jno. S. & Co., 1215 Arch
Montgomery Bros. ("Paragon" Gum Bore, Steam, Hydraulic & Ammonia), 48 N Front
Mulconroy Co. (Inc.) (Rubber, etc.), 1213 Market
New York Belting & Packing Co. (of New York), 724 Chestnut
Quaker City Rubber Co. (Daniel's "P. P. P."), 409 Market
Restein, Clement & Co. (Square Flax, Gum Core, etc.), 139 N 2d
Revere Rubber Co. (of Boston, Mass.), Drexel bldg
Ruwell, Wm. F. (Cylinder), 919 Ridge av
Sayen & Schultz ("Melville," Oxidized White Sheet Gum), 21 N 13th
Skipton, Valentine Co., 2321 N 30th
Smith, Jas. & Co. (Inc.), 421 Race
Underwood, H. B. & Co. ("St. John" Self-Adjusting Cylinder Packing), 1025 Hamilton
U. S. Metallic Packing Co. (Metallic), 427 N 13th
Walker, Thos. & Sons (Metallic), 4619 Tacony, Fkd.
Walsh Packing Co. (Metal Face, Steam & Water), 1118 S 7th
Watt's, Jno. M. Sons (Dirigo & Keystone), 123 S 2d
Webb, Edw. G. ("Nolek"), 218 New
Williamson & Cassedy, 526 Market
PITTSBURG—Carey, Philip Mfg. Co. (of Lockland, O.), 433 1st av
Chaplin-Fulton Mfg. Co., 30 Penn av
Flocker, Jno. & Co. (Ltd.) (Hemp), 618 Liberty av
Garlock Packing Co., 114 Wood
Gerwig, H. & Sons, 1301 Penn av
Hartley-Rose Belting Co., 634 Smithfield
Johns, H. W.-Manville Co. 220 1st av
Keasbey & Mattison Co. (Cylinder & Steam Asbestos) (of Ambler, Pa.), 187 Liberty av
Larkin Metallic Packing Co. (Self Lubricating Metallic), Phipps Power bldg
McClintock & Irvine Co., Neville & P. R. R.
McConnell Asbestos Co. (Ltd.) (Asbestos), Tradesmen's bldg
Pittsburg Piston Packing Co. (Plastic Metallic Piston), 331 4th av
Pittsburg Rubber & Leather Co., 10 Wood

Pittsburg Steam Packing Co., 210 2d
Scully Belting & Supply Co., 301 Wood
Strenuous Plastic Packing Co. (Plastic Metallic), Frick bldg
Turner, C. A., 16 Market
WILKESBARRE—Holmes Metallic Packing Co. (Metallic Piston Rod & Valve Stem)

SOUTH CAROLINA.

CHARLESTON—Charleston Metallic Packing Co.

WISCONSIN.

MILWAUKEE—Delaney Oil & Lubricant Co. Metallic), 45 3d
Johns, H. W.-Manville Co., 225 Clybourn

Packing (Piston Rod)

(See Packing, Metallic; also Packing Mfrs.)

Packing (Rawhide)

Chicago Rawhide Mfg. Co. (Rawhide), 75 E Ohio, Chicago, & 138 Congress, Boston, Mass.
Western Rawhide & Belting Co. (Rawhide), Milwaukee, Wis.

Packing (Ring)

American Balance Slide Valve Co., San Francisco, Cal., & Jersey City, N. J.
Anderson, G. P., 73 Oliver, Boston
Brandon, Jas. (Cylinder Ring), 390 11th av, N. Y.
Brown, D. P. & Co. (Brown's Oil Proof), 262 N 4th, Phila., Pa.
Columbia Ring Packing Co., 6 Howard, N. Y.
Continental Rubber Works (Rubber), Erie, Pa.
Garlock Packing Co., Palmyra, N. Y.
Gould Packing Co., Cambridgeport, Mass.
Excelsior Ring Packing Co., 430 Kent av. Brooklyn, N. Y.
Hall Mfg. Co., 62 Cliff, New York
Jerome & Elliott, 35 S. Canal, Chicago.
Johnson, Henry Co., Jersey City, N. J.
Knowlton, Geo. W. Rubber Co., 33 Broad, Boston, Mass.
Lane, Rodney D. & Co., 484 Johnson av., Jersey City, N. J.
Lubron Mfg. Co., 38 India, Boston, Mass.
Magnolia Metal Co., 260 W. B'way, New York
Peerless Metal Mfg. Co., Pittsburg, Pa.
Pilley Packing & Flue Brush Co., 606 S 3d, St. Louis, Mo.
Pilloid Packing Co. (Pilloid's for Steam, Water & Air), Swanton, O.
Revere Rubber Co. (Revere Lubricated), 77 Bedford, Boston, Mass.; 59 Reade, New York; Phila., Pa.; Chicago, Ill., & San Francisco, Cal.
Railway Appliances Co., Old Colony bldg, Chicago
Strong Machine & Supply Co. (Tisafine Asbestos Metallic), 2 Murray, New York

Packings (Wire Rope Pulley)

Boston Belting Co., 256 Devonshire, Boston, Mass.; 100 Reade, New York

Pail Ears

Berger Bros. Co. (Pail Ears, Pans, Kettles, etc.), 237 Arch, Phila., Pa.
Dover Stamping & Mfg. Co., Cambridge, Mass.
Cobb & Drew, Plymouth, Mass., & Rock Falls, Ill.
Forsyth Mfg. Co., 308 Terrace, Buffalo, N. Y.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Reading Screw Co., Norristown, Pa.
Townsend, G. G., Winchendon, Mass.
Troy Nickel Works, Albany, N. Y.
Troy Stamping Works, Troy, N. Y.
WRIGHT WIRE CO. (Wire), Worcester, Mass. (See adv. index, end of book)

Pails (Galvanized Iron)

Akron Mfg. Co., Akron, O.
Briscoe Mfg. Co., Detroit, Mich.
Buhl Stamping Co., Detroit, Mich.
Dover Stamping & Mfg. Co., Cambridge, Mass.
Geuber & Paeschke, Mfg. Co., Milwaukee, Wis.
Iron Clad Mfg. Co., 22 Cliff, N. Y.
National Enameling & Stamping Co., 81 Fulton, N. Y.
Shepard, Sidney & Co., Buffalo, N. Y.
Troy Stamping Works, Troy, N. Y.

Pails (Garbage)

Briscoe Mfg. Co. ("O-Rib-O"), Detroit, Mich.
Dover Stamping & Mfg. Co. (Galvanized), Cambridge, Mass.
Iron Clad Mfg. Co., 4 Cliff, N. Y.

Pails (Steel, Shop)

Clark, W. J. Co. (Sheet Steel), Salem, O.
Cleveland Wire Spring Co. (Sheet Steel), Cleveland, O.

Pails & Buckets (Wood)

American Woodenware Mfg. Co., Toledo, O.
Blousfield Woodenware Co., Minneapolis, Minn.
California Barrel Co., San Francisco, Cal.
Hightower Box & Tank Co., Atlanta, Ga.
Menasha Wooden Ware Co., Menasha, Wis.
Mengel Box Co., Louisville, Ky.
Ohio Pail Co., Middlefield, O.
Paepcke-Leicht Lumber Co., Chicago, Ill.
Prewitt-Spurr Mfg. Co., Nashville, Tenn.
Richmond Cedar Works, Richmond, Va.
St. Louis Wooden Ware Works, St. Louis, Mo.

Paint Brushes

(See Brushes, Paint).

*Paint Burners

Best Street Light Co., Canton, O.
CHICAGO PNEUMATIC TOOL CO. ("Gillis," Operated by Compressed Air), Fisher bldg, Chicago, Ill., & 95 Liberty, New York. (See adv. index, end of book)
Clayton & Lambert Mfg. Co., Detroit, Mich
MacLeod, Walter & Co., 463 E Front, Cincinnati, O.
Schneider & Trenkamp Co. (Gasoline), Cleveland, O.
Turner Brass Works (Gasoline), Franklin c Mich, Chicago, Ill.
Union Heater Supply Co. (Gasoline), 15 Macomb, Detroit, Mich.
White Mfg. Co., 194 Michigan, Chicago, Ill.

Paint for Oil Cloth

WILBUR, JOB CO., Office: Providence, R. I. Factory, Phila., Pa. (See adv. below)

Paint Grinders (Dry Material)

WILBUR, JOB CO., Office: Providence, R. I. Factory, Phila., Pa. (See adv. below)

J. Wilbur Company.
DRY MINERAL PAINT GRINDERS
Also job grinding in carload lots. Specialties: Talckene, Black Filler, American Ochre and slates (red and gray), powdered dry.
Siding on P. R. R. and P. & R. railroads.
Factory, PHILADELPHIA, PA.
Office, PROVIDENCE. R. I.

Paint Grinding & Mixing Machinery

(For Page Number See Index of Contents.)

Paint Spraying Machines

(See Paint Spraying Machines in Machinery.)

Paint Mfrs.

(For special kinds of Paints see classifications following this trade.)

ALABAMA.

BIRMINGHAM—Birmingham Paint Mills

CALIFORNIA.

CHICO—Chico Ochre & Mineral Paint Co.
LOS ANGELES—Fuller, W. P. & Co., 140 N Los Angeles
Sherwin-Williams Co., 150 Main
Silica-Aluminum Paint Co., Wilcox bldg
OAKLAND—Buswell, E. G. Paint Co.
Paraffine Paint Co.
SAN FRANCISCO—Bass-Hueter Paint Co., 46 Ellis
Buswell Paint Co., 237 1st
California Paint Co., 236 1st
Chemical Paint Co., 26 Montgomery
Dixon, Jos. Crucible Co. (of Jersey City, N. J.), 304 Market
Fuller, W. P. & Co., c Pine & Front
Grothwell, A. ("Mogul"), 26 Montgomery
Johns, H. W. Mfg. Co., c Fremont & Mission
Nason, R. N. & Co., 115 Front
Pacific Oil & Lead Works, 155 Townsend
Pacific Rubber Paint Co., c Front & Pine
Paraffine Paint Co., 116 Battery
Pegamoid, 35 New Montg'y
Sherwin-Williams Co., 118 2d
Yates & Co., 117 Market

COLORADO.

DENVER—Cooper, Geo. W., 1928 Blake
Hallack Paint, Oil & Glass Co., 1741 Arapahoe
Humphrey-Jones Mercantile Co., 1621 Arapahoe
James, B. L. Mercantile & Mfg. Co. (The), Arapahoe
Reitze Wall Paper & Paint Co., 1647 Welton

CONNECTICUT.

ESSEX—Stevens, George I.
NEW MILFORD—Bridgeport Wood Finishing Co.
NORWICH—Mohawk Paint & Chemical Co. ("Ferox" Iron Oxide)
WATERBURY—Wright, E. E. (Roof), 59 Center

DELAWARE.

WILMINGTON—Bradford, Jas. Co.
Bryan, Jas. M. & W. R.
Cartmell, Thos. B.

DISTRICT OF COLUMBIA.

WASHINGTON—Detroit Graphite Mfg. Co., Bond bldg
Grafton & Son, 714 9th, N W

GEORGIA.

ATLANTA—Cooledge, F. J. & Bro., 12 N Forsyth
Parian Paint Co., 41 E Alabama
Tripod Paint Co., 37 N Pryor
AUGUSTA—O'Connor & Schweers Paint Co.

ILLINOIS.

AURORA—Akron Mining, Milling & Mfg. Co.
CHICAGO—Adams & Elting Co., 155 W Wash'n
Allen Paint & Putty Co., 214 S Clinton
Alston Mfg. Co., 59 Clark
Ansbacher, A. B. Co., 2633 Dearborn
Armstrong, D. R. & Co., 124 Fulton
Bradley & Vrooman Co., 2633 Dearborn
Bridgeport Wood Finishing Co. (of New Milford, Conn.), 70 W Lake
CABOT, SAMUEL, 28 Dearborn av. (See adv. index, end of book)
Calumet Paint Co., c Kensington av & Fulton av
Carrara Paint Co., Monadnock blk
Carter White Lead Co., W 121st c S Peoria
Chicago Graphite Mfg. Co., Railway Exch. bldg
Chicago White Lead & Oil Co., N Greene c Fulton
Chicago Wood Finishing Co., 259 Elston av
Colt & Co., 33 W Wash'n
Creolite State Paint Co., 84 La Salle
Depew, Woodcock & Finlayson Paint Co., 155 Wash'n
Detroit Graphite Mfg. Co. (of Detroit, Mich.), Monadnock bldg
Detroit White Lead Works, 192 Kinzie
Devoe, F. W. & C. T. Raynolds Co., 176 Randolph
Enterprise Paint Mfg. Co., 211 S Clinton
Ernecke & Salmstein, 295 Loomis
Eureka Elastic Paint Co., 154 Van Buren
Fowler Elastic Enamel Paint Co., 589 W Lake
Freund Bros. Mfg. Co., 3140 S Canal
Fuller & Fuller Co., 220 Randolph
Gauthier Paint Mfg. Co., 401 N Wells
Gutta Percha Paint Co., 154 W Van Buren
Haines, E. H., 503 Ashland blk
Hanna & Andrus Mfg. Co., Weed c Hawthorne
Harrison Bros. & Co. (of Phila., Pa.), 27 Lake
Heath & Milligan Mfg. Co., 170 Randolph
Henderson, Thos. D. Varnish Co., 1088 N Wood
Hygienic Kalsomine Co., 154 W Van Buren
Illinois Mineral Milling Co., 36 La Salle
Illinois Steel Co., Rookery bldg
Inland White Lead Co., 361 S Clinton
Johnson Magnetic Paint Co., 232 S Clinton
Lucas, John & Co., 55 N Jefferson.
Masury, John W. & Son, 2625 Stewart av
Matteson Paint Co., 52 Weed
Moore, Benj. & Co. (of Brooklyn, N. Y.), 111 N Green
National Fire-Proof Paint Corp. (Fire-Proof Linseed Oil for House & Barn), 87 Franklin
National Paint Works, 77 Jackson boul
Nublan Paint & Varnish Co., N 51st av, n w c Bloomingdale av
Patterson, Sargent & Co., 2026 Lumber
Pitkin, Geo. W. Co., Fulton c Carpenter
Rubber Paint Co., 154 W Van Buren
Senour Mfg. Co., 2516 Quarry
Standard Paint Co. (of New York), 188 Madison
Thurston, F. W. & Co., 29 River
Vilas Bros., 227 5th av
Wadsworth-Howland Co. (Inc.), Indiana av & 13th
Warren Paint Co., 64 W Van Buren
Watson, George E. Co., 108 Lake
Williams, T. D., 155 La Salle
EAST ST. LOUIS—Mepham, Geo. S. & Co.

INDIANA.

INDIANAPOLIS—Acme Roof Paint Co., 1101 E
Burdsal, A. Co., 102 S Meridian Ohio
Indianapolis Paint & Color Co., 240 Mass. av
Lily Enamel & Paint Co., Rose c Norwood
McDade, S. & Sons, 1101 E Ohio
Sargent Paint & Color Co., Mass av c New Jersey
RICHMOND—Richmond Paint Co.
VALPARAISO—Parker, Chas. H. Co.

IOWA.

DAVENPORT—Stearns Paint Mfg. Co.
FT. DODGE—Iowa Paint Mfg. Co.
PELLA—Van Nimwegen, H. & Son
WAVERLY—Page Paint Co.

KANSAS.

GLASCO—Brierley & Hare
KANSAS CITY—Cutler & Nielson Paint & Color Co.

KENTUCKY.

LOUISVILLE—Bridges-Strassel Co., 1204 8th
Lewis, John B. (Roof), 139 3d
Louisville Lead & Color Works, 15th c Lytle
Sterling Paint & Color Co., 112 15th

LOUISIANA.

NEW ORLEANS—American Paint Works, 2215 S Water
Barrett Mfg. Co., 910 Hennen bldg
Kracke & Flanders, 630 Gravier
McWilliams, R., Ltd., 342 Camp

MAINE.

PORTLAND—Burgess, Fores & Co., 108 Commercial

MARYLAND.

BALTIMORE—Baltimore Copper Paint Co., 508 E Hughes
Baltimore Dry Paint Works, Ostend c Stockholm
Davis, H. B. Paint Co., 215 Smith's Wharf
Diamond Paint Co., 109 Mercer
Dunkel, Wm. I. & Co., c Ostend & Stockholm
Eberson, A. A. & Co., 102 E York
Enamel Black Works, Carroll
Foy, Edw. L. & Co. (Roof), 16 W Camden
Hanline Bros., 23 S Howard
Hirchberg, Hollender & Co., 25 W Pratt
Kaufman, Edw. L. & Co., c Lafayette &
Kroeger Bros., 33 Post Office av Liberty
Litharge Paint Co., 306 N Holliday
Marine Paint Co., 109 Mercer
Maryland Paint & Color Works, 220 North
Poppelein, G. & N., 220 North
Pure Rubber Paint Co., 113 S Gay
Rubber Paint Co., 34 S Calvert
Thomas Paint Mfg. Co., Cont'l Trust bldg
Stuart & Miller, 207 McElderry's Wharf
U. S. Preservative Paint Co., Equitable bldg
Whitehouse Paint Co., 346 N Calvert

MASSACHUSETTS.

BOSTON—American Zinc Lead & Smelting Co., 4 P. O. sq
Billings, King & Co., 153 Congress
Briggs, John & Co., 14 Wash'n
CABOT, SAMUEL, 141 Milk. (See adv. index, end of book)
Chadwick-Boston Lead Co., 162 Congress
Chilton Mfg. Co., Tremont bldg
Detroit Graphite Mfg. Co. of Detroit, Tremont bldg
Dexter Bros., 103 Broad
Gilman, C. H., 103 Merrimac
Hammar, F. Paint Co., 161 Summer
Harrison Bros. & Co. (of Phila., Pa.), 72 Broad
Heath & Milligan Mfg. Co., 307 Atlantic av
Hoffman, J. W. Co., 438 Atlantic av
Means & Thatcher, 6 Custom House
Pittsburg Plate Glass Co., 41 Sudbury
Prince, James H. Paint Co., 5 Lancaster
Seaver & Co., 120 Milk
Sherwin-Williams Co., 186 Purchase
Standard Paint Co. (of New York), 70 Kilby
Stickney, J. W. & Co., 79 Milk
Wadsworth, Howland & Co. (Inc.), 84 Wash'n
Wetherell & Bro. (of Phila., Pa.), 137 High
Wheeler, Asahel, 52 High
Wiley, I. H. & Co., 92 Sudbury
Woodbury Paint Co., 147 Milk
DIGHTON—Anchor Color Works
GLOUCESTER—Henderson & Johnson
Tarr, Jas. H. (Copper & Ion Marine), Rocky Neck
Tarr & Wonson (Marine), Rocky Neck
MALDEN—Wadsworth, Howland & Co.
MERRIMAC—Barbeau, Chas. O. (Carriage)
NEW BEDFORD—Brightman Bros., 146 Front
Kirby, George, Jr., & Co., Wall n Acushnet av
NEWBURYPORT—Plummer, C. E.
SALEM—Philbrick, L. B.
SPRINGFIELD—Hampden Paint & Chemical Co.
WATERTOWN—Waterproof Paint Co.
WELLESLEY—Woods" Henry Sons Co.
WORCESTER—**ALGONQUIN RED SLATE** CO. (For Roofs, Iron Work, etc.), 10 E Worcester

MICHIGAN.

DETROIT—Acme White Lead & Color Works, St. Aubin av & M. C. R. R.
Boydell Bros. White Lead & Color Co., 18 Congress, E
Buckeye Paint & Varnish Co., 715 Gratiot
Continental Paint & Varnish Co., Clay & St. Aubin avs
Detroit Graphite Mfg. Co., 540 River
Detroit Ideal Paint Co., 105 Canfield av, W
Detroit Refining Co., Majestic bldg
Detroit White Lead Works, 532 Milwaukee av, E
Ditzler Color Co., 18 Balto av, W
Garand, Jos., 818 Bellevue av
Iron Brown Mineral Paint Co., 15 Woodbridge, E
Jarrait Paint & Enamel Co., 92 Griswold
National Lead Co., 81 Woodbridge, W
North American Graphite Paint Mfg. Co. ("Imperial" Graphite), 1358 Woodward av
Peninsular Lead & Color Works, Inc. (Mixed), ft of Leib
Sunrise Mineral Paint Co., Cham. of Com. bldg
FLINT—Michigan Paint Co. (Graphite)
KALAMAZOO—Lakey, A. L. Co. (Mixed)
SAGINAW—U. S. Graphite Co.

MINNESOTA.

MINNEAPOLIS—Atlas Paint Mfg. Co., 515 1st av, S
Maire Paint Co. (All Minerals), 242 1st av, N.
Minn. Linseed Oil Paint Co., 240 10th av, S
Sherwin-Williams Co.,, 119 N 2d
ST. PAUL—Blood, T. L. & Co., 413 Wacouta
Northern Paint Co., 318 E 7th
Stearns Paint Mfg. Co., 407 Jackson

MISSOURI.

KANSAS CITY—Sherwin-Williams Co., 1400 St. Louos av
ST. LOUIS—Becker-Moore Paint Co., 1131 Col-
Bettis & Ferguson, 215 S Main llns
Consumers' Lead & Color Co., 1005 Market
Eberson, A. A. & Co., 901 N 2d
Great Western Paint & Color Co., 200 N 12th
Hammar, F. Paint Co., 1222 Spruce
Kent & Purdy Paint Co., 701 N 2d
Mepham, Wm. G. Mfg. Co., 211 N 7th
Mepham & Krausse Mfg. Co., Levee c Sidney
Mound City Paint & Color Co., 813 N 6th
Ozark Zinc Oxide Co., 308 N 6th
Platt & Thornburgh Paint Co., 620 Franklin av
Republic Railway Appliance Co.
St. Louis Asphalt Paint & Varnish Co., 1501 Gratiot
Thomas Mfg. Co., 215 S Main
Vane-Calvert Paint Co., 823 Locust
Wieder Paint Co., 1601 N B'way

NEBRASKA.

LINCOLN—Lincoln Paint & Color Co.
Nebraska Paint & Lead Co.
OMAHA—National Oil & Paint Co., 1015 Jones

NEW JERSEY.

BAYONNE—Bayonne Paint & Color Works, 449 Av D
BOONTON—Colonial Works
BRIDGETON—Shaw, John P. & Co.

CAMDEN—Fox Elastic Paint Co.
Schrack & Co.
GIBBSBORO—Lucas, John & Co.
HOBOKEN—Pflugh, Albert & Co., Willow av c 14th
JERSEY CITY—Dixon, Jos. Crucible Co., 169 Wayne
New Jersey Paint Works (Harry Louderbough, Prop'r), Fremont & Wayne
Woolsey, C. A. Paint & Color Co., 500 Grand
MILLVILLE—Peterson, Alex. H.
NEWARK—Cawley, Clark & Co., Vanderpool n Av C
Eureka Chemical Co., 236 Bank
Heller & Merz Co., ft of Hamburg pl
Herrmann, Morris & Co., 6 Jersey
Johns, H. W. Paint Mfg. Co., ft Chester av
Pitney, W. A., 185 Lafayette
Rice, S. E. M. ("Primer," Flat White Enameloid), 554 Broad
Rohr, Fredk. O., 1 Commercial
Sherwin-Williams Co., Lister av & Brown
Witt, Hy., 107 West
Yassinger, H., 123 Howard
NEW BRUNSWICK—Watson, J. D. & Co.
PATERSON—Norwood & Berdan
RARITAN—New Jersey Enamel Paint Co.

NEW YORK.

BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Buffalo Enamel & Stain Co., Ellicott sq
Buffalo Oil, Paint & Varnish Co., 1317 Elk
Deuther & Beck, 50 Niagara
McDougall White Lead Co., 1317 Elk
McLennan Paint Co. (Ltd.), 205 Rano
Mets, P. A. Paint Co., 326 Wash'n
CLINTON—Clinton Metallic Paint Co.
COLLEGE POINT—(See New York City, Borough of Queens)
ELLENVILLE—Kimble & Hoornbeck Co.
ELMIRA—Elmira Paint Works
FISHKILL-ON-HUDSON—Hammond, Benjamin
LONG ISLAND CITY—(See New York City, Borough of Queens)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Austen, Lewis H. & Co., 118 41st
Averill Paint Co., 240 Plymouth
Century Paint & Wall Paper Co., 95 E 5th
Cole & Kuhls, 23d & 3d av
Devoe, F. W. & C. T. Raynolds Co., 283 Plymouth
Holzapfel's Composition Co. (Ltd.), 175 Beard
Ingersoll, O. W., 243 Plymouth
JOHNSTON, H. M. (Cold Water), 60 Washington av. (See adv. index, end of book)
King Paint Mfg. Co. (Mixed), 23 Durham pl
Longman & Martinez, 231 N 9th
McCafferty, Jas. A., 40 Bedford av
McNaughton, Wm. D., 232 Newell
McQuade, John (Stevens' Brick Reds, etc.), 416 Marcy av
Masury, John W. & Son, 50 Jay
Moore, Benjamin & Co., 262 Water
Phillips, John B., 80 9th
Pierce, F. O. Co., 30 Tiffany pl
Rahtjen's Am. Composition Co., 69 Van Dyke
Rosenson, Marcus, 405 Watkins
Smith, J. Lee & Co., 700 Hicks
Spence-Grant Mfg. Co., 5 Wash'n av
Stewart, Wm. H. Mfg. Co., 65 Delevan
Thomson Bros., 62 N 1st

Boroughs of Manhattan & Bronx.

NEW YORK—American Graphite Co., 6 Liberty pl
American Lucol Co., 44 B'way
American Paint Mfg. Co., 388 Pearl
Anderton, Robert J., 107 4th av
Austen, Lewis H. & Co., 2 South
Baltimore Copper Paint Co., 38 South
Barrett Mfg. Co., 17 Battery pl
Bass Paint Co., 106 Fulton
Bellport Paint & Mfg. Co., 108 Fulton
Billings, King & Co., 438 Pearl
Binney & Smith, 81 Fulton
Bridgeport Wood Finishing Co., 55 Fulton
Brown, Chas. H. Paint Mfg. Co., 253 B'way
Brown, Louis Mfg. Co., 4 Cedar
Casein Co. of America, 11 B'way
Cerion Co., 12 B'way
Childs, Chas. M. & Co., 225 Pearl
CHILTON PAINT CO., 69 Cortlandt
Continental Damp Proofing Co., 1133 B'way
Coulston, J. W. & Co., 81 West
De Ronde, Frank S. Co., 46 Cliff
Detroit Graphite Mfg. Co .(of Detroit, Mich.), 141 B'way
Devoe, F. W. & C. T. Raynolds Co., 103 Fulton
Dexter Bros. (of Boston, Mass.), 45 Cliff
Dick's Anti-Fouling Composition Co. (Ltd.), 81 New
Dixon, Jos. Crucible Co., 68 Reade
Doggett, Stanley, 101 Beekman
Dunbar, Wallace, 160 B'way
Dunham, Thomas C., 68 Murray
Elko Paint Co., 136 Liberty
Feigel, M. & Bro., 149 Mercer
Fox, M. Ewing & Co. (Permanite), E 136th c Rider av
Freed, David, 458 Pearl
Fuller, W. P. & Co., 99 Nassau
Gardiner, Geo. N. & Son, 53 South
Gelien & Co., 155 Maiden la
Goldstein & Shustrien, 174 Clinton
Graves, N. Z. & Co., 296 Pearl
Gross & Horn, 249 Front
Grote, George W., 605 W 39th
Grothwell, A. ("Mogul"), 136 Liberty
Harrison Bros. & Co. (Inc.), 117 Fulton
Hasenbalg, F. & Co., 714 E 166th
Holzapfel's Am. Compositions Co., 18 B'way
Ilsley, Doubleday & Co., 229 Front
Imperial Fire Proof Paint Co., 66 Beaver
Johnston & Oswald, 178 Fulton
Jarboe, George W., 29 B'way
Leggett & Bro., 301 Pearl
L. I. Paint & Color Works, 26 B'way
Longman & Martinez, 207 Pearl
Lowe Bros. Co., 73 Beekman
Lucas, John & Co., 89 Maiden lane
Maynz & Co., 13 Water
Messner Paint & Color Works, 383 Pearl
Mitchell, Wm. E. G., 39 Cortlandt
Moran, John J., 26 B'way
Moser, Charles Co., 74 Murray
Nansen Composition & Paint Co., 205 Front
National Lead Co., 100 William
New York Roof Paint Co., 100 William
Patterson-Sargent Co., 42 Hudson
Pierce, F. O. Co., 170 Fulton
Piper, George W., 54 South
Prince Mfg. Co., 71 Maiden la
Prince's Metallic Paint Co. (Dry Paints & Colors), 71 Maiden la
Protectus Co., 45 B'way
Pyramid Paint Co., 116 Nassau
Rahtjen's Am. Composition Co., 26 Beaver
Rutherford & Barclay, 65 Fulton
Saunders, Theo. Co., 150 Nassau
Schlegel, Oscar, 182 Grand
Seaboard Paint Co., 11 B way
Simms, H., 298 Pearl
Smith, Edw. & Co., 45 B'way
Smith, J. Lee & Co., 59 Frankfort
Standard Graphite Co. (Graphite), 11 B'way, N. Y.
Standard Paint Co., 100 William
S. I. Paint Works, 5 Beekman
Stewart, W. H. Mfg. Co., 81 Fulton
Tarr & Wonson (Ltd.), 23 South
Thompson Wood Finishing Co., 81 Fulton
Tiemann, D. F. & Co., 44 Duane
Toch Bros., 468 W B'way
Tucker, Wm. G. Mfg. Co., 549 E 116th
Uhlich, Ernest, 108 Fulton
Water Paint Co. of America, 100 William
Waterall, William & Co., 108 Fulton
Wetherill, S. P. Co., 100 William
Whigelt Paint Works, 241 Front
Williams, Samuel J., 11 B'way
Winn, Wm. R., 143 Maiden la
Wix, Charles & Co., 53 Dey
Zibell Damp Resisting Paint Co., 290 Front

BOROUGH OF QUEENS.

COLLEGE POINT—Chilton Mfg. Co.
LONG ISLAND CITY—L. I. Paint & Color Works, 26 10th
Willey, Charles A., Nott av

(END OF NEW YORK CITY.)

OGDENSBURG—Rossie Iron Ore Paint Co (Metallic)
RANDOLPH—Elko Paint Co. (Enamel Oxide)
ROCHESTER—Clark Paint, Oil & Hdw. Co., 131 State
Johnson Compound & Supply Co. ("Sumac," Elastic)
SCHENECTADY—Engleman & Bellinger, 212 S Centre
TROY—Connors, Wm. Paint Mfg. Co., 669 River
Troy Cold Water Kalsomine Co., 22 Paine
WAVERLY—Thomas, A. H. Paint Co.

NORTH CAROLINA.

HIGHPOINT—Alexander, H.
WILMINGTON—Pannill Paint Co.
Spirittine Chemical Co.

OHIO.

BARBERTON—Carrara Paint Co.
CANTON—Arlington Mfg. Co.
Goheen Mfg. Co. (Carbonizing Coating)
CINCINNATI—Allen Anti-Rust Mfg. Co., 413 Vine
American Paint Co., 114 W 6th
Barron, Boyle & Co., 428 Main
Billings-Chapin Co., 26 W Court
Bolce, Louis H. & Co., 2311 Gilbert av
Bradley & Co., 1518 Gest
Bromwell-Stickney Color Co., Court & McLean av
Buehler-Phelan Paint Mfg. Co., 1129 Main
Eagle White Lead Co., 1030 B'way
Elastic Paint Co., Wiggins blk
Globe Color & Filler Works, 121 E Canal
Iridian Paint Co., 2d & Main
Kolbe, John Co., 229 W 5th
Long, Edwin & Co., 845 Clinton
Mamolith Carbon Paint Co., Johnston bldg
Meyer, Schlenderman & Co., 906 Walnut
Moser, Chas. & Co., 213 Main
National Lead Co., 7th & Freeman av
Ohio Oil & Varnish Co., 230 E Pearl
Peale, W. C. & Bro., 904 Central av
Phoenix Paint Co., 1518 Gest
Randle, C. E., 519 W 5th
Reeder, Jno. S. (Cold Japan), Union Trust bldg
Richmond Bros., 117 E 6th
Singleton, Ruffner & Co. (Asphalt), 8th & Plum
Walker Lead Co., 1265 Budd
Washburn, Ira D. Co., 1010 Central av
Western Paint Co., 117 E 6th
Wicker-Warner Color Co., 1807 John
CLEVELAND—American Graphite Co. ("Graphault"), Rose bldg
Atlantic Paint Works, Bessemer av & C. & P. R. R.
Atlantic Refining Co. (Elastic Carbon), Citizens' bldg.
Billings-Chapin Co., 37 Case av
Buckeye Paint & Varnish Co., New Eng bldg
Cleveland Color Co., Mason c Belden
Cleveland Cold Water Paint Co., Cham. of Com. bldg
Cleveland Iron Ore Paint Co., Coe & Lake
Cleveland Stone Co., Hickox bldg
Colonial Paint & Varnish Co., 18 Marquette
Detroit Graphite Mfg. Co., 260 Euclid av
Forest City Paint & Varnish Co., c Hamilton & Kirtland
Garfield Paint Co., Rose bldg
GARRY IRON & STEEL CO. (Iron Ore). (See adv. index, end of book)
Glenmore Color Works, 37 Case av
Hascall-Wise Co., Garfield bldg
IRON CLAD PAINT CO., 40 S Water
McNairy, A. B. & Co., 160 Scranton av
National Paint & Varnish Co., 57 St. Clair
Patterson Sargent Co., c Wason & Hamilton
Peerless Paint & Varnish Co., 20 River
Reeder, Jno. S. (Cold Japan), Union Trust bldg
Sherwin-Williams Co., 100 Canal
Standard Paint Co., 160 Scranton av
Sterling White Lead Co., 82 Superior
Traves Paint Co., 250 Merwin
Ullmann & Phillpott Mfg. Co., 95 Merwin
COLUMBUS—Columbus Paint Mfg. Co., 272 Kimball
Hanna Paint Mfg. Co., 111 E Long
Orr, Dean & Barry Co.
DAYTON—Barrett, Chas. A. P. Co., 118 E 3d
Jewell & Vinson, 435 E 5th
Lowe Bros. Co., 452 E 3d
FINDLAY—Ohio Paint & Varnish Co.

HAMILTON—Brodt Japan Co.
Reeder, John S.
MARIETTA—Marietta Paint & Color Co.
PIQUA—Piqua Paint & Putty Co. (House, Carriage, Enamel, etc.)
PLAINVILLE—Ferris, O. J.
TOLEDO—Buckeye Paint & Varnish Co., 719 S 15th
Dolphin Color Works, 30 Summit
Neel, Henry Glass & Paint Co., 418 Monroe
WARREN—Warren Paint Co.

OREGON.

PORTLAND—Beach, F. E. & Co., 135 1st
Fisher, Thorsen & Co., 160 Front

PENNSYLVANIA.

ALBURTIS—Bass Paint Co. (Metallic)
ALLEGHENY—Cochran, M. B., 225 Grant av
Diamond Paint & Oil Co., 275 Spring Garden av
Eagle Paint & Varnish Works, 225 Grant av
Gerdes, F. W. & Bro., Grant & South avs
National Lead & Oil Co. (Quick Drying), 2d Nat'l Bank bldg
Nevin, T. H. Co., Preble & Island avs
Penn Oil & Paint Co., South & Allegheny
Pittsburg Iron Paint Co. avs
Wheeler, Henry & Son, 119 Ohio, W
Wisconsin Graphite Co., Grant av & Boquet
ALLENTOWN—Allentown Mfg. Co. (Oil), Law c Maple
Princes' Metallic Paint Co. ("Princes' & Rutherford's" Dry Metallic, Miners & Mfrs.)
BETHLEHEM—Erwin, Henry & Sons (Metallic)
Garfield Paint & Oil Co.
Semple, Frank G.
BRIDGEPORT—Protectus Co.
EASTON—Williams, C. K. & Co. (Dry)
FRANKLIN—Riesenman Mfg. Co. (Ltd.)
GLENSHAW—Specialty Paint Co.
JAMESTOWN—Jamestown Paint & Varnish Co.
JOHNSTOWN—Cambria Paint & Color Co. (Ltd.)
LANCASTER—Harnish, D. J. M.
Schroeder, Smith & Schroeder
MUNCY—Keystone Paint & Filler Co.
NEW CASTLE—New Castle Paint & Varnish Co.
PHILADELPHIA—Alpha Paint & Mineral Co., Odd Fellows' Temple
American Bitumasite Enamels Co., 311½ Walnut
Barrett-Lindeman Co., 1400 Fkd. av
Beam, Charles H., 5047 August, Fkd.
BINSWANGER, B. & CO., 115 N 4th. (See adv. index, end of book)
Bird, J. A. & W. & Co., 204 S 3d
Bourse Exhibition, 4th & 5th, bet Chestnut & Market
Bowen's, S Son, N 4th c Venango
Brockley, John B. & Co., 409 N 3d
Butterworth, C. H. & Co., 125 Market
Day Light Coating Co. (Ltd.), 24 S 7th
Devoe, F. W. & C. T. Raynolds Co., 437 Arch
Dixon, Jos. Crucible Co., 1020 Arch
Eclipse Paint & Varnish Co., 236 Chestnut
Evans, Wm. & Son, 56 N Front
Felton, Sibley & Co., 140 N 4th
Flexible Compound Co., 3510 Haverford av
FRENCH, SAMUEL H. & CO., 4th c Callowhill. (See adv. index, end of book)
Graves, N. Z. & Co., 3200 S Broad
Grogan, H. F. & Co., 2113 E Sergeant
Grogan, John L. Wood & Iron Finishing Co., 122 S American
Harrison Bros. & Co., 35th & Gray's Ferry rd
Howell, C. H. & Co., 212 Race
Kelly, Robert J., 46 N 10th
Lewis, John T. & Bros. Co., 231 S Front
Lucas, John & Co., 322 Race
Maxwell, John & Co., 1420 S Front
Nice, Eugene E., 272 S 2d & 2901 S Broad
Phila. Graphite Co., 1101 Stephen Girard bldg
Phoenix Paint & Varnish Co., 124 Market
Rambo, Theo. G., 1134 Beach
Rinald Bros., 1142 N Hancock
Sauter, F. W. & Co., 909 N 9th
Schrack, C. & Co., 152 N 4th
Shoemaker, Robert & Co., 201 N 4th
Steelman & Archer, 117 Market
THOMSON WOOD FINISHING CO. 115 N 4th. (See adv. index, end of book)
U. S. White Lead & Color Co., 2413 E Huntingdon
WATERALL, WM. & CO., 200 N 4th
Wetherill, G. D. & Co., 114 N Front
Wetherill, S. P. & Co., Penn Mutual bldg
Wetherill & Bros., S 30th nr Chestnut
Wilbur, Job. Co. (Dry), E Tioga c Carbon
Woolsey, C. A. Paint & Color Co., 118 N Delaware av
Woodhouse, Samuel F., c Unity & Franklin Fkd
Yarnall, H. E. & G. D., 1026 Race
Zementine Mfg. Works, 1242 N 31st
PITTSBURG—American Supply Co., 3200 2d av
ATLAS PAINT CO. (Ltd.), 2638 Liberty av. (See adv. index, end of book)
Davis Lead Co., Park bldg
De Noon Bros. Paint & Glass Co., 919 Liberty av
Diamond Paint & Oil Co., 273 Spring Gar-
Eagle Paint & Varnish Works, 225 Grant av
Fort Pitt Oil & Paint Co., 3208 Penn av
Iron City Oil & Varnish Co., Inwood & Frankstown av
Lawrence, W. W. & Co., Water bel Penn av
McClintock & Irvine Co., Neville & P. R. R.
McDonough, S. E. & Co., Arrott bldg
National Lead & Oil Co., 2d Nat'l Bank bldg
Pittsburg Paint Supply Co., 713 Liberty av
Pittsburg Plate Glass Co., Frick bldg,
Sitka Paint & Cableine Co., 3300 Smallman
Specialty Paint Co., 2nd Nat Bank bldg
Suydam, M. B. Co., 61st & Butler
PULASKI—Reno Bros.
READING—Reading Paint Mills, 810 Windsor
Ruth, B. F. & Co., 216 S 8th
Wilhelm, A. Co., 217 Poplar
ROYERSFORD—Alpha Paint & Mineral Co.
SCRANTON—Scranton Paint Co.
SHAMOKIN—Zimmerman, W. S.
SHARPSBURGH—Bender & Alldred
TULLYTOWN—Tully Paint & Varnish Co.
WEST BRIDGEWATER—Fire Resisting Paint Co.
WILLIAMSPORT—National Paint Works
United States Paint Co., P. O Box 343
WYOMING—Wyoming Painting & Paint Mfg. Co.

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CEMENTS (Rivet) " "Rice's," for Hulls or Iron or Steel Vessels."
CEMENTS (Rooling).
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PAINTS (Water Proof).
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PROVIDENCE—Johnson, Oliver & Co., 3 Exchange
National Paint Co., 36 Garnet
UNITED STATES GUTTA PERCHA Paint Co., 24 Matthewson. (See adv. preceding page)

TENNESSEE.

CHATTANOOGA—Chattanooga Paint Co.
MEMPHIS—Bartholomew Roofing Co., 412 2nd
Edrington-Ochre Mfg. Co., So. Ry. & Raleigh av
Memphis Dry Color Co., So. Ex. bldg
Memphis Paint Factory, 204 Gayoso
Memphis White Lead Works
True Tagg Paint Co., 457 Shelby

TEXAS.

GALVESTON—Baulard, V. L. & Co., 215 Tremont
HOUSTON—Gum-Carbo Co.
Houston Paint Co.
Randolph, N. & Sons
SAN ANTONIO—San Antonio Seed & Paint Co.

UTAH.

OGDEN—Ogden Paint, Oil & Glass Co.

VERMONT.

BENNINGTON—Adams, Enos & Co.
Godfrey. S. L. (est.)
Lyons, S. C. & Bros.
SAXTONS RIVER—Edson, Starks & Co. (Mineral)

VIRGINIA.

LYNCHBURG—National Paint & Manganese Co. (Ltd.)
RICHMOND—Armitage Mfg. Co., 3200 Williamsburgh av

WASHINGTON.

SEATTLE—Lovett, H. R., 200 Boston blk
McGaha, Wm. R., 904 1st av, S
Parafine Paint Co., Pioneer bldg
Western Paint Co., 2500 3d av
SPOKANE—Spokane Paint & Oil Co.
TACOMA—Pacific Glass & Paint Co.

WEST VIRGINIA.

WHEELING—Wilson, W. A. & Sons

WISCONSIN.

GREEN BAY—Henderson, Robt. & Co.
IRON RIDGE—Winters' Metallic Paint Co.
JUNEAU—Downing, I. & Co.
MILWAUKEE—Carbolineum Wood Preserving Co., 128 Reed
Ferrubron Metal Paint Co.
O'Neil Oil & Paint Co. ("Duro") 297
Patton Paint Co., 213 Lake
Perkins & Co., 147 6th
Ricketson Metal Paint Works (Iron Ore), University bldg
Smith Paint & Varnish Co. (Ready Mixed, etc.), 329 Chestnut
MINERAL POINT—Hankins, J. P.
OSHKOSH—Oshkosh Paint Co.

Paint Mfrs. (Oil)

Viscol Co. (Mfrs. of Condensed Paint & Varnish Oils), 1st st, E Cambridge, Boston, Mass.

Paint Mfrs.' Color Cards

Bradt Mfg. Co., Troy, N. Y.
Detroit Color Card Co., Detroit, Mich.
LAZENBY, JNO. COLOR CARD CO., (J. W. Stockton & Son, Props.), 510 Schubert av, Chicago, Ill.
MORRISON, CHAS. C. & CO., Office: 363 S Clinton, Chicago, Ill. Factory, 91 to 97 Ewing, Chicago, Ill.
Rubber Paint Co., 154 W Van Buren, Chicago, Ill.
White, W. J. & Co., Detroit, Mich.

Paint & Varnish Remover

Bird, J. A. & W. & Co., 34 India, Boston
De Ronde, Frank S. Co., 46 Cliff, New York
Lawlor, Jas., Jr. (Time Saver), 200 9th av, N. Y.
National Fire-Proof Paint Corp., 87 Franklin, Chicago, Ill.
Rainbow Color & Chemical Co. (Electro Varnish Remover), Detroit, Mich.
Sherwin-Williams Co., 104 Canal, Cleveland, O.
Staten Island Paint Works ("Whigelts"), Stapleton, Boro. of Richmond, N. Y., & 119 Nassau, N. Y.
UNITED STATES GUTTA PERCHA Paint Co., 24 Matthewson, Providence, R. I. (See adv. preceding page)
Wilson Co., ("Amyline" Emulsion) 18 B'way, New York, Works, Long Island City, N. Y.

Paints (Acid Proof)

Arlington Mfg. Co., Canton, O.
Barrett Mfg. Co., Merchants' Loan & Trust bldg, Chicago, Ill.; 17 Battery pl, N. Y., & Land Title bldg, Phila., Pa.
CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
Cerion Paint Co., 11 B'way, New York
Depew, Woodcock & Finlayson Paint Co., 155 Wash'n, Chicago, Ill.
Doggett, Stanley (Mfrs. Agt.), 101 Beekman, New York
Grosche, Bruno (Importers) 27 William, N. Y.
Grothwell, A. ("Mogul"), 130 Liberty, New York, & 26 Montgomery, San Francisco, Cal.
Maire Paint Co., 242 1st av, Minneapolis, Minn.
Suydam, M. B. Co., 61st & Butler, Pittsburg, Pa.

Paints (Aluminum & Gold)

Aluminum Paint & Polish Co., 701 W Lake, Chicago, Ill.
Akron Mining, Milling & Mfg. Co., Aurora, Ill.
BINSWANGER, B. & CO., 115 N 4th, Phila., Pa. (See adv. index, end of book)
Engel, Jno. & Co. (Gold), 137 W B'way, N. Y.
FRENCH, SAML. H. & CO., 4th & Callowhill, Phila., Pa. (See adv. index, end of book)
Gerstendorfer Bos., 231 E 42d, New York
Hommel, O. Co., 110 Market, Pittsburg, Pa.
Sherwin-Williams Co., 104 Canal, Cleveland, O.
Tucker, Wm. G. Co., 553 E 116th, N. Y.

Paints (Asbestos)

Arlington Mfg. Co., Canton, O.
ASBESTOS & MAGNESIA MFG. CO., Land Title bldg, Phila., Pa. (See adv. index, end of book)
Barrett Mfg. Co., Merchants' Loan & Trust bldg, Chicago, Ill.; 17 Battery pl, New York, & Land Title bldg, Phila., Pa.
Carey, Philip Mfg. Co., Lockland, O.; 118 Liberty, N. Y., & 433 1st av, Pittsburg, Pa.
Casein Co. of America (Indurline), Bellows Falls, Vt.
Chicago Fire Proof Covering Co., 18 N Canal, Chicago, Ill.
Gilmour, R. M. Mfg. Co., 105 John, New York
Johns, H. W. Paint Mfg. Co., Newark, N. J.
Peale, W. C. & Bro., 904 Central av, Cinn., O.
Sall Mountain Asbestos Mfg. Co., 123 Ontario, Chicago; 99 Nassau, New York, & Sautee, Ga.
Tucker, Wm. G. Mfg. Co., 519 E 116th, N. Y.
WATSON, H. F. CO., Erie, Pa.; 12 S Clinton, Chicago, Ill., & 233 Congress, Boston, Mass. (See adv. index, end of book)

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SEND FOR SAMPLE CARD AND PRICES.

Paints (Asphalt)

American Supply Co. (Asphaltum), 960 2d av, Pittsburg, Pa.
Armitage Mfg. Co., Richmond, Va.
Asphaltum & Rubber Co., Woman's Temple, Chicago, Ill.
ATLAS PAINT CO. (Ltd.), 2638 Liberty av, Pittsburg, Pa. (See adv. index, end of book)
Barber Asphalt Paving Co. ("Titekote"), Phila., Pa.
Barrett Mfg. Co., Merchants' Loan & Trust bldg, Chicago, Ill.; 17 Battery pl, N. Y., & Land Title bldg, Phila., Pa.
Cambria Paint & Color Co. (Ltd.) (Asphaltum), Johnstown, Pa.
Densmore-Stabler Refining Co., Los Angeles, Cal
Forest City Paint & Varnish Co., Cleveland, O.
Fort Pitt Oil & Paint Co., 3208 Penna., Pittsburg, Pa.
Globe Asphalt Co., Bakewell bldg, Pittsburg, Pa.
Graham Paper Co. ("Martha" Jobbers), St. Louis, Mo.
Grosche, Bruno (Imported), 27 William, New York
Grothwell, A. ("Mogul"), 130 Liberty, New York, & 26 Montgomery, San Francisco, Cal.
INDIAN ASPHALT CO., Railway Exchange bldg, Chicago, Ill. (See adv. index, end of book)
Jewett-Blodget Oil Co., Bakersfield, Cal.
Johns, H. W. Paint Mfg. Co., Newark, N. J.
McClintock & Irvine Co., Pittsburg, Pa.
National Paint Works, Williamsport, Pa.
PATENT VULCANITE ROOFING CO. ("Vulcanite"), 25 S Campbell av, Chicago, Ill. (See adv. index, end of book)
Southern Refining Co., Los Angeles, Cal.
Southern Roofing Co. (Roof), Atlanta, Ga.
Stickney, J. W., 64 Broad, Boston, Mass.
STOWELL MFG. CO., 459 West Side av, Jersey City, N. J. (See adv. index, end of book)
Suydam, M. B. Co., 61st & Butler, Pittsburg, Pa.
Trinidad Asphalt Mfg. Co., 320 S 21st, St. Louis, Mo.
Union Oil Co. of California, Mills bldg, San Francisco, Cal.
Walker-Cromwell Co., Kearney, N. J.
Warren Bros. & Co., 93 Federal, Boston, Mass., & 253 B'way, New York

Paints (Barrel)

FRENCH, SAML. H. & CO., 4th & Callowhill, Phila., Pa. (See adv. index, end of book)
Forest City Paint & Varnish Co., Cleveland, O.
Heller & Merz Co., 22 Cliff, N. Y.
Lucas, Jno. & Co., 322 Race, Phila., Pa.; 89 Maiden la, New York, & 59 N Jefferson, Chicago, Ill.

Paints (Brick)

FRENCH, SAML. H. & CO., 4th & Callowhill, Phila., Pa. (See adv. index, end of book)
Lucas, Jno. & Co., 322 Race, Phila., Pa.; 89 Maiden la, New York, & 59 N Jefferson, Chicago, Ill.

Paints (Bridge)

(See Paints for Coating & Preserving Iron & Steel.)

Paints (Cold Water)

Bird, A. J. & W. & Co. ("Magnite"), 12 Weld, Boston, Mass.
Connors, Wm. Paint Mfg. Co., 669 River, Troy, N. Y.
Columbia Refining Co. ("Aqualite" Fire & Weather Proof), 32 B'way, N. Y.
Cleveland Window Glass Co., 232 Champlain, Cleveland, O.
Columbia Refining Co. ("Aqualite" Fire & Weatherproof; also "Muraltint" & "Hygieni"), 32 B'way, New York
De Ronde, Frank S. Co. ("Lythite"), 52 Cliff, New York
Fox, M. Ewing & Co., 462 E 136th, New York
Hainbach, Bernard, 19 Calendar, Providence, R. I.
Hook-Hardie Co. ("Stay There" Fire & Weatherproof), Hudson, Mich.
JOHNSON, HENRY M. MFG. CO., 60 Wash'n av, Brooklyn, N. Y. (See adv. opp. page)
King Paint Mfg. Co. (King's), 27 Dunham pl, Brooklyn, N. Y.
Lucas, Jno. & Co., 322 Race, Philadelphia, Pa.; 89 Maiden lane, N. Y., & 55 N Jeff'n, Chicago, Ill.
Muralo Co., New Brighton, Boro. of Richmond, N. Y.
Murphy, Chas. J. & Co., 332 N Calvert, Baltimore, Md.
Paragon Plaster Co., Syracuse, N. Y.
Southern Cold Water Paint Co., Greensboro, N. C.
Star Brass Works ("Binks" Fire Proof), 67 154 Lake, Chicago, Ill.
Starks, Edson & Co., Saxton's River, Vt.
Troy Cold water Kalsomine Co. (Klark's XX Kold Water), Troy, N. Y.
Tucker, Wm. G. Co.,. 553 E 116th, N. Y.
United States Gypsum Co. (Alabaster Fireproof) 184 La Salle, Chicago, Ill.
Water Paint Co. of America ("Abestine"), 11 Pine, New York
WHITTAKER, W. H., 245 Front, New York
Wilhelm, A. Co., Reading, Pa.
Winn, Wm. R. ("Winn"), 143 Maiden la, New York

Paints (Copper)

Arlington Mfg. Co., Canton, O.
CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
Cole & Kuhls ("Elastic"), 23d & 3d av, Brooklyn, N. Y.
Devoe, F. W. & C. T. Raynolds Co., 101 Fulton, N. Y.
FRENCH, SAML. H. & CO., 4th & Callowhill, Phila., Pa. (See adv index, end of book)
Howell, C. H. & Co., 212 Race, Phila., Pa.
Longman & Martinez, 207 Pearl, New York
Louderbough, Henry, Wayne & Fremont, Jersey City, N. J.
Lucas, Jno. & Co., 322 Race, Philadelphia, Pa.
Moore Benjamin & Co., 262 Water, Brooklyn, N. Y., & 111 N Green, Chicago, Ill.
Pierce, F. O. Co., 170 Fulton, N. Y.
Sherwin-Williams Co., 104 Canal, Cleveland, O.
Stuart & Miller, 207 McElderrys Wharf, Baltimore, Md.
Tarr, Jas. H. (Marine), Gloucester, Mass.
Tarr & Wonson, Gloucester, Mass.
Woolsey C. A. Paint & Color Co., 500 Grand, Jersey City, N. J.

Paints (Damp Resisting)

Arlington Mfg. Co., Canton, O.
Feigel, M. & Bro. ("D. R. P."), 149 Mercer, N. Y.
Sherwin-Williams Co., 104 Canal, Cleveland, O.
Toch Bros. (R. I. W.), 468 W B'way, N. Y.
Zibell Damp Resisting Paint Co., 273 Water, New York

Paints (Dipping)

McLennan Paint Co. (Ltd.), 175-195 Rano, Buffalo, N. Y.
Sherwin-Williams Co., 104 Canal, Cleveland, O.
THOMSON WOOD FINISHING CO., 115 N 4th, Phila., Pa. (See adv. below)
WATERALL, WM. & CO., 200 N 4th, Phila., Pa.
Wisconsin Graphite Co. (Graphite), Allegheny, Pa.
Wilhelm, A. Co., Reading, Pa.

Paints (Elastic Seam)

Cole & Kuhls (For Marine Use), 23d & 3d av, Brooklyn, N. Y.

Paints (Enamel)

(See Enamels.)

Paints (English Enamels & Porcelite)

THOMSON WOOD FINISHING CO., 115 N 4th, Phila., Pa. (See adv. below)

PORCELITE IS THE ONLY ENAMEL PAINT

That has stood the test of over ***Twelve*** years wear and retained its permanent high ***gloss,*** and has not ***checked*** or ***cracked.***

Interior Woodwork, Plastered Walls, Brick Work, Metals, Painted with PORCELITE have an impervious ***Porcelain*** surface, which will stand the action of ***Steam, Soap, Water, Acids*** or Antiseptic Solutions Makes a more perfect ***Enamel or China Gloss*** finish with less coats and labor than any varnish or Enamel Paint made. Excellent imitation of Tile and Enameled Brick.

Few of the many thousand references: N. Y. C. & H. R. R. R. Co.; Penna. R. R. Co.; White House, Washington; Girard Life & Trust Bldg., Philadelphia; Waldorf-Astoria Hotel, N. Y.; St. Luke's Hospital. N. Y.; Park Row Bldg., N. Y., and all the leading painters and decorators in the United States and Canada.

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High Grade Varnish, Enamel and Wood Filler Makers.

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*Paints (Fire Resisting)

Akron Mining, Milling & Mfg. Co., Aurora, Ill.
Arlington Mfg. Co., Canton, O.
Atlantic Refining Co., Citizens' bldg, Cleveland, Ohio
Barrett Mfg. Co., Merchants' Loan & Trust bldg, Chicago, Ill.; 17 Battery pl, N. Y., & Land Title bldg, Phila., Pa.
Bowen's, S. Sons, 4th c Sedgely av, Phila., Pa.
CABOT, SAMUEL, 141 Milk, Boston, Mass., & 28 Dearborn av, Chicago, Ill. (See adv. index, end of book)
Creolite Slate Paint Co.. 84 La Salle, Chicago, Ill.
De Ronde, Frank S. Co., 46 Cliff, New York, & 48 N 4th, Phila., Pa.
Detroit Graphite Mfg. Co., 540 River, Detroit, Mich.
Eberson, A. A. & Co., 102 E York, Baltimore, Md., & 901 N 2d, St. Louis, Mo.
Fire Resisting Paint Co., West Bridgewater, Pa.
Forest City Paint & Varnish Co., Cleveland, O.
Fort Pitt Oil & Paint Co.. Pittsburg, Pa.
Fox, M. Ewing & Co. (Permanite), 136th & Rider av, New York
Hook-Hardie Co. ("Stay There"), Hudson, Mich.
International Steel Post Co., 719 Chestnut, St. Louis, Mo.
Johns, H. W. Paint Mfg. Co., Newark, N. J.
Lucas, John & Co., 322 Race, Philadelphia, Pa
Maire Paint Co., 242 1st av, N, Minneapolis, Minn.
National Fire-Proof Paint Corp., 87 Franklin Chicago, Ill.
Nevin, T. H. Co., Allegheny, Pa.
Nubian Paint & Varnish Co., 51st av c Bloomingdale av, Chicago, Ill.
Patterson, Sargent Co., c Wason & Hamilton, Cleveland, O.
Republic Railway Appliance Co., St. Louis, Mo.
SALFIRE PAINT CO., 115 N 4th, Phila., Pa.
SUYDAM, M. B. CO., 61st & Butler, Pittsburg, Pa.
Wisconsin Graphite Co., Allegheny, Pa.

Paints for Coating & Preserving Iron & Steel

Acme White Lead & Color Works, Detroit, Mich.
Alcatraz Asphalt Paint Co. (Asphalt), Richmond, Va.
American Bitumastic Enamel Co., 311½ Walnut, Phila., Pa.
American Bridge & Structural Preserving Co., 16 State, Boston, Mass.
American Graphite Co. ("Graphault"), Rose bldg, Cleveland, O.
American-Lucol Co., 44 B'way, New York
Arlington Mfg. Co., Canton, O.
Armitage Mfg. Co., Richmond, Va.
ATLAS PAINT CO. (Ltd.), 2638 Liberty av, Pittsburg, Pa. (See adv. next page)
Barrett Mfg. Co., Land Title bldg, Phila., Pa.; Merchants' Loan & Trust bldg, Chicago, Ill.; 17 Battery pl, New York; St. Louis, Mo.; Cleveland, O.; Cincinnati, O.; Pittsburg, Pa.; Minneapolis, Minn.; Kansas City, Mo., & New Orleans, La.
Billings-Chapin Co., 37 Case av, Cleveland, O.
Billings, King & Co., 438 Pearl, N. Y., & 153 Congress, Boston, Mass.
BINSWANGER, B. & CO., 115 N 4th. Phila., Pa. (See adv. index, end of book)
Blood, T. L. & Co., St. Paul, Minn.
Bowen's, S. Son, 4th & Venango, Phila., Pa.
Buckeye Paint & Varnish Co., Toledo, O.
Burgess, Foes & Co., Portland, Me.
Cambria Paint & Color Co. (Ltd.), Johnstown, Pa.
Cerion Paint Co., 11 B'way, New York
Chattanooga Paint Co., Chattanooga, Tenn.
CHILTON PAINT CO., 69 Cortlandt, New York
Clinton Metallic Paint Co., Clinton, N. Y.
Colonial Paint & Varnish Co., 18 Marquette. Cleveland, O.
Connors, Wm. Paint Mfg. Co., Troy, N. Y.
De Ronde, Frank S. Co., 46 Cliff, New York. & 48 N 4th, Phila., Pa.
Detroit Graphite Mfg. Co., 540 River, Detroit, Mich.
Dixon, Jos. Crucible Co., Jersey City, N. J.; 68 Reade, N. Y.; 1020 Arch, Phila., Pa., & 304 Market, San Francisco, Cal.
Doggett, Stanley (Mfrs. Agt.), 101 Beekman, New York
Elko Paint Co. (Anti-Corrosive Mineral Oxide), Randolph, N. Y.
Felton, Sibley & Co., 140 N 4th, Phila., Pa.
Ferrubron Metal Paint Co., Milwaukee, Wis.
Forest City Paint & Varnish Co. Cleveland, O.
Fort Pitt Oil & Paint Co., 3208 Penn, Pittsburg, Pa.
FRENCH, SAMUEL H. & CO., 4th & Callowhill, Phila., Pa. (See adv. index, end of book)
Frontier Mineral Paint Co., Newberry bldg, Detroit, Mich
Garfield Paint Co., Rose bldg, Cleveland, O.
GARRY IRON & STEEL CO., Cleveland, O. (Sec adv. index, end of book)
Goheen Mfg. Co., Canton, O.
Grosche, Bruno (Imported), 27 William, New York
Grothwell, A. ("Mogul"), 136 Liberty, New York, & 26 Montgomery, San Francisco, Cal.
Harrison Bros. & Co., 35th & Grays Ferry rd, Phila., Pa.; 117 Fulton, N. Y., & 27 Lake, Chicago, Ill.
Heath & Milligan Mfg. Co., 170 Randolph, Chicago, Ill.
IRON CLAD PAINT CO., 40 S Water, Cleveland. O.
Ironsides Co., Columbus, O.
Jarrait Paint & Enamel Co., 92 Griswold, Detroit, Mich.
Johns, H. W. Paint Mfg. Co., Newark, N. J.
Keystone Paint & Filler Co., Muncy, Pa.
Lawrence, W. W. & Co., Pittsburg, Pa.
Lucas, John & Co., 322 Race, Philadelphia, Pa.; 59 N Jefferson, Chicago, Ill., & 89 Maiden lane, New York
McClintock & Irvine Co.. Pittsburg, Pa.
McNaughton, Wm. D., 232 Newell, Greenpoint, N. Y.
McLennan Paint Co., Ltd., 175-195 Rano, Buffano, N. Y.
Maire Paint Co., 242 1st av, N, Minneapolis, Minn.
Michigan Paint Co., Flint, Mich.
Mohawk Paint & Chemical Co. ("Ferox" Iron Oxide), Norwich, Conn.
National Paint Works, Williamsport, Pa.
North American Graphite Paint Co. ("Imperial" Graphite), Detroit, Mich.
Ohio Paint & Varnish Co., Findlay, O.
Patterson-Sargent Co. (B. P. S.), "Nobrac," Mason & Hamilton. Cleveland, O.; Chicago, & New York
Penna. Standard Rubber Paint Co., West End Trust bldg, Phila., Pa.
Prince Mfg. Co., 71 Maiden lane, New York
PROTECTUS COMPANY, North American bldg, Phila., Pa.
Reeder, Jno. S. (Cold Japan), Union Trust bldg, Cincinnati, O.
Ricketson Mineral Paint Works, University bldg, Milwaukee, Wis.
Rinald Bros. (Bessemer Steel), 1142 N Hancock, Phila., Pa.
Rossie Iron Ore Paint Co., Ogdensburg, N. Y.
Sherwin-Williams Co., 104 Canal, Cleveland, O.
Smith, Edw. & Co., 45 B'way, New York
Standard Paint Co., 100 William, New York, & 188 Madison, Chicago, Ill.
SUYDAM, M. B. CO., 61st & Butler, Pittsburg, Pa.
Toch Bros., 468 W B'way, N. Y.
Tucker, Wm. G. Co., 553 E 116th, N. Y.
UNITED STATES GUTTA PERCHA Paint Co., 24 Mathewson, Providence, R. I. (See adv. index, end of book)
Wadsworth-Howland Co. (Inc.), Indiana av & 13th, Chicago, Ill.
Wadsworth-Howland & Co. (Inc.), Boston, Mass.
WATERALL WILLIAM & CO., 200 N 4th, Phila., Pa.
Wisconsin Graphite Co., Allegheny, Pa.

Paints (Gold)

Aluminine Paint & Polish Co., 704 W Lake, Chicago, Ill.

Paints (Graphite)

Acme White Lead & Color Works, Detroit, Mich.
Akron Mining, Milling & Mfg. Co., Aurora, Ill.
American Graphite Co. ("Graphault"), Rose bldg, Cleveland, O.
Arlington Mfg. Co., Canton, O.
BINSWANGER, B. & CO., 115 N 4th, Phila., Pa. (See adv. index, end of book)
Blood, T. L. & Co., St. Paul, Minn.
Buckeye Paint & Varnish Co., Toledo, O.
Cambria Paint & Color Co. (Ltd.), Johnstown, Pa.
Chicago Graphite Mfg. Co., Railway Exch. bldg, Chicago, Ill.
Detroit Graphite Mfg. Co., 540 River, Detroit, Mich.
Dixon, Jos. Crucible Co., Jersey City, N. J.; 68 Reade, New York; 1020 Arch, Phila., Pa., & 304 Market, San Francisco, Cal.
Elko Paint Co. ("Elko XX" Enamel), Randolph, N. Y.
Forest City Paint & Varnish Co., Kirtland, Cleveland. O.
Fort Pitt Oil & Paint Co., Pittsburg, Pa.
FRENCH, SAMUEL H. & CO., 4th & Callowhill, Phila., Pa. (See adv. index, end of book)
Goheen Mfg. Co., Canton, O.
Holmes Fibre Graphite Mfg. Co., 5155 Wakefield, Gtn., Phila., Pa.
IRON CLAD PAINT CO., 40 S Water, Cleveland, O.
International Acheson Graphite Co., Niagara Falls, N. Y.
Lawrence, W. W. & Co., Pittsburg, Pa.
Lucas, John & Co., 322 Race, Philadelphia, Pa.; 89 Maiden lane, New York, & 59 N Jefferson, Chicago, Ill.
Michigan Paint Co., Flint, Mich.
MILWAUKEE CORRUGATING CO., (Jobbers), Milwaukee, Wis. (See adv. index, end of book)
National Paint Works, Williamsport, Pa.
North American Graphite Paint Co. ("Imperial"), Detroit, Mich.
Riesenman Mfg. Co. (Ltd.), Franklin, Pa.
Rinald Bros., 1142 N Hancock, Phila., Pa.
Sherwin-Williams Co., 104 Canal, Cleveland, O.
Standard Graphite Co., 11 B'way, N. Y.
SUYDAM, M. B. CO., 61st & Butler, Pittsburg, Pa.
United States Graphite Co., Saginaw, Mich.
United States Paint Co., Box 343, Williamsport,
Wadsworth-Howland Co. (Inc.), Indiana av & 13th, Chicago, Ill.
Wadsworth-Howland & Co. (Inc.), 84 Wash'n, Boston, Mass.
Wilhelm, A. Co., Reading. Pa.
Wisconsin Graphite Co., Allegheny, Pa.

Paints (Insulating)

(See also Insulating Varnish.)
Acme White Lead & Color Works. Detroit, Mich.
American Insulating Material Mfg. Co. (Sawyers' Polar Brand"), St. Louis, Mo.
Barrett Mfg. Co., Merchants' Loan & Trust bldg, Chicago, Ill.; 17 Battery pl, N. Y., & Land Title bldg, Phila., Pa.
Bradford Belting Co., 38 Dey, N. Y., & 2d & Walnut, Cincinnati
Conner, Jas. G. & Co. ("Battery Black"), Phila., Pa.
Depew, Woodcock & Finlayson Print Co., 155 Wash'n, Chicago, Ill.
De Ronde, Frank S. Co., 46 Cliff, New York, & 48 N 4th, Phila., Pa.
Fort Pitt Oil & Paint Co., Pittsburg, Pa.
Grothwell, A. ("Mogul"), 136 Liberty, New York, & 26 Montgomery, San Francisco, Cal.
Massachusetts Chemical Co., 170 Summer, Boston, Mass.
Paragon Insulating Co., Erie R. R., nr Forest, Cleveland, O.
PATENT VULCANITE ROOFING CO. ("Elite" & Mineral Compound), 25 S Campbell av, Chicago, Ill. (See adv. index, end of book)
Sherwin-Williams Co., 104 Canal, Cleveland, O.
Standard Paint Co., 100 William, N. Y., & 188 Madison, Chicago, Ill.
Sterling Varnish Co. (Varnish), Pittsburg, Pa.
SUYDAM, M. B. CO., 61st & Butler, Pittsburg, Pa.
Toch Bros., 468 W B'way, N. Y.
UNITED STATES GUTTA PERCHA Paint Co., 24 Matthewson, Providence, R. I. (See adv. index, end of book)

Paints (Interior)

BINSWANGER, B. & CO. ("Sanaloid"), 115 N 4th, Phila., Pa. (See adv. index, end of book)

Paints (Iron Oxide)

Acme White Lead & Color Works, Detroit, Mich.
ATLAS PAINT CO. (Ltd.), 2638 Liberty av, Pittsburg, Pa. (See adv. below)
BINSWANGER, B. & CO. (Sanaloid), 115 N 4th, Phila., Pa. (See adv. index, end of book)
Fort Pitt Oil & Paint Co., 3208 Penna, Pittsburg, Pa.
Forest City Paint & Varnish Co., Hamilton & Kirtland, Cleveland, O.
FRENCH, SAML. H. & CO., 4th & Callowhill, Phila., Pa. (See adv. index, end of book)
Goheen Mfg. Co., Canton, O.
Ilsley, Doubleday & Co., 229 Front & 2264 3d av, New York
Jamestown Paint & Varnish Co., Jamestown, Pa.
Johns, H. W. Paint Mfg. Co., Newark, N. J.
Lucas, John & Co., 322 Race, Phila., Pa.
McLennan Paint Co., 175 Rano, Buffalo, N. Y.
MILWAUKEE CORRUGATING CO. Milwaukee, Wis. (See adv. index, end of book)
Mohawk Paint & Chemical Co. ("Ferox"), Norwich, Conn.
National Fire-Proof Paint Corp. (Oxide & Mineral), 87 Franklin, Chicago, Ill.
National Paint Works, Williamsport, Pa.
Riesenman Mfg. Co. (Ltd.), Franklin, Pa.
Rossie Iron Ore Paint Co., Ogdensburg, N. Y.
Sherwin-Williams Co., 104 Canal, Cleveland, O.
SUYDAM, M. B. CO., 61st & Butler, Pittsburg, Pa.
UNITED STATES GUTTA PERCHA Paint Co., 24 Matthewson, Providence, R. I. (See adv. index, end of book)
United States Paint Co., Box 343, Williamsport, Pa.
Wilhelm, A. Co., Reading, Pa
Wiseonsin Graphite Co., Allegheny, Pa.

Paints (Japanese Gold)

Gerstendorfer Bros., 231 E 42d, New York

Paints (Machinery)

Arlington Mfg. Co., Canton, O.
ATLAS PAINT CO. (Ltd.), 2638 Liberty av, Pittsburg, Pa. (See adv. below)
BINSWANGER, B. & CO., 115 N 4th, Phila., Pa. (See adv. index, end of book)
Forest City Paint & Varnish Co., Cleveland, O.
FRENCH, SAML. H. & CO., 4th & Callowhill, Phila., Pa. (See adv. index, end of book)
Ironsides Co., Columbus, O.
Johns, H. W. Paint Mfg. Co., Newark, N. J.
Keystone Paint & Filler Co., Muney, Pa.
Lucas, Jno. & Co., 322 Race, Phila., Pa.
McLennan Paint Co., Buffalo, N. Y.
McNaughton, Wm. D., 232 Newell, Greenpoint, N. Y.
Maire Paint Co., 242 1st av, N, Minneapolis,
Mohawk Paint & Chemical Co. ("Ferox" Iron Oxide), Norwich, Conn.
Ohio Paint & Varnish Co., Findlay, O.
Popplein, G. & N., Jr., 220 North, Baltimore, Md.
Riesenman Mfg. Co. (Ltd.), Franklin, Pa.
Rossie Iron Ore Paint Co., Ogdensburg, Pa.
Sherwin-Williams Co., 104 Canal, Cleveland, O.
SUYDAM, M. B. CO., 61st & Butler, Pittsburg, Pa.
Stickney, J. W., 64 Broad, Boston, Mass.
Tucker, Wm. G. Co., 553 E 116th, N. Y.
UNITED STATES GUTTA PERCHA Paint Co., Providence R. I. (See adv. index, end of book)
United States Paint Co., Williamsport, Pa.
WATERALL, WM. & CO., 200 N 4th, Phila., Pa.
Wisconsin Graphite Co. (Graphite), Allegheny, Pa.

Paints (Marble Enamel)

Menzel, Wm. & Son, 68 Broad, N. Y.

Paints (Marine)

(See also Paints, Copper.)

CARPENTER, GEO. B. & CO., 202 S Water, Chica, Ill. (See adv. index, end of book)
CHILTON PAINT CO., 69 Cortlandt, New York
Cole & Kuhls ("Elastic," Copper, Anti-Fouling, etc.), 23d & 3d av, Brooklyn, N. Y.
Diek's Anti-Fouling Composition Co. (Ltd.), 81 New, N. Y.
Gardiner, Geo. N. & Son ("Am. McInnes' "), 15 William, New York
Holzapfel's Am. Compositions Co., 18 B'way, N. Y.
Mohawk Paint & Chemical Co. ("Ferox" Iron Oxide), Norwich, Conn.
Nansen's Composition & Paint Co., 205 Front, N. Y.
Rahtjen's Am. CompositionCo., 26 Beaver, N. Y.
Sherwin-Williams Co., 104 Canal, Cleveland, O.
Tarr, Jas. H. (Copper & Iron), Glouceester, Mass.
Tarr & Wonson, Gloucester, Mass.
Toch Bros. (R. I. W.), 468 W B'way, N. Y.
THOMSON WOOD FINISHING CO., 115 N 4th, Phila., Pa. (See adv. index, end of book)
UNITED STATES GUTTA PERCHA Paint Co. ("Pitt's" Bristol Green, Anti-Folding, etc.), 24 Matthewson, Providence, R. I. (See adv. index, end of book)
WATERALL, WM. & CO., 200 N 4th, Phila., Pa.

Paints (Mixed for Export)

ATLAS PAINT CO. (Ltd.), 2638 Liberty av, Pittsburg, Pa. (See adv. below)
King Paint Mfg. Co., 27 Dunham pl, Brooklyn, N. Y.
Sherwin-Williams Co., 104 Canal, Cleveland, O.

*Paints (Porcelain Enamel)

BINSWANGER, B. & CO., 115 N 4th, Phila., Pa. (See adv. index, end of book)
LAWES, GEO. H. & CO. (Mfrs. Agts.), 439 Gilfillan blk, St. Paul, Minn. (See adv. index, end of book)
McLennan Paint Co. (Ltd.), 145 Rano, Buffalo, N. Y.
Rinald Bros., 1142 N Hancock, Phila., Pa.
THOMSON WOOD FINISHING CO., 115 N 4th, Phila., Pa. (See adv. index, end of book)

Paints (Roofing)

Acme White Lead & Color Works, Detroit, Mich.
Akron Mining, Milling & Mfg. Co., Aurora, Ill.
ALGONQUIN RED SLATE CO., 10 E Worcester, Worcester, Mass.
Allen Anti-Rust Mfg. Co., 5th & Race, Cincinnati, O.
American Asphaltum & Rubber Co., Women's Temple, Chicago, Ill.
American Graphite Co. ("Graphault"), Rose bldg, Cleveland, O.
American Supply Co., 960 2d av, Pittsburg, Pa.
Arlington Mfg. Co., Canton, O.
Armitage Mfg. Co., 3200 Williamsburg av, Richmond, Va.
ASBESTOS & MAGNESIA MFG. CO., Land Title bldg, Phila., Pa. (See adv. index, end of book)
ATLAS PAINT CO. (Ltd.), 2638 Liberty av, Pittsburg, Pa. (See adv. below)
Barrett Mfg. Co., Land Title bldg, Phila., Pa.; Merchants' Loan & Trust bldg, Chicago, Ill.; 17 Battery pl, New York; St. Louis, Mo.; Cleveland, Cincinnati, O.; Pittsburg, Pa.; Minneapolis, Minn.; Kansas City, Mo., & New Orleans. La.
Barrett-Lindeman Co., 1400 Fkd. av, Phila., Pa.
Billings-Chapin Co., 37 Case av, Cleveland, O.
Billings, King & Co., 438 Pearl, N. Y., & 153 Congress, Boston
BINSWANGER, B. & CO., 115 N 4th, Phila., Pa. (See adv. index, end of book)
Bowen's, S. Son, 4th & Venango, Phila., Pa.
Bradford, James Co., 6 E 3d, Wilmington, Del.
Buckeye Paint & Varnish Co., Toledo, O.
Cambria Paint & Color Co., (Ltd.), Johnstown, Pa.
CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
Chatfield & Woods Co., 347 W 4th, Cincinnati, O.
Chattanooga Paint Co., Chattanooga, Tenn
Chilton Paint Co., 69 Cortlandt, N. Y.
Cleveland Iron Ore Paint Co., Coe & Lake, Cleveland, O.
Connors, Wm. Paint Mfg. Co., Troy, N. Y.
Devoe, F. W. & C. T. Raynolds Co., 103 Fulton, N. Y., & Chicago, Ill.
De Ronde, Frank S. Co., 46 Cliff, N. Y. city, & 48 N 4th, Phila., Pa.
Elko Paint Co. (Enamel Oxide), Randolph, N. Y.
Felton, Sibley & Co., 140 N 4th, Phila., Pa.
Forest City Paint & Varnish Co., Cleveland, O.
Fort Pitt Oil & Paint Co., Pittsburg, Pa.
Fox Elastic Paint Co., Camden, N. J.
FRENCH, SAML. H. & CO., 4th & Callowhill, Phila.. Pa. (See adv. index, end of book)
Goheen Mfg. Co., Canton, O.
Hanna Paint Mfg. Co., 111 E Long, Columbus,
Haseall-Wise Paint Co., 46 Barrett, Cleveland, Ohio
Howell, Chas. H. & Co., 212 Race, Phila., Pa.
Ilsley, Doubleday & Co., 229 Front & 2264 3d av, New York
IRON CLAD PAINT CO., 40 S Water, Cleveland, O.
Ironsides Co., Columbus, O.
Johns, H. W. Paint Mfg. Co. (Asbestos), Newark, N. J.
Lawrenee, W. W. & Co., Pittsburg, Pa.
Longman & Martinez, 207 Pearl, N. Y.
Lucas, John & Co., 322 Race, Philadelphia, Pa.
Maire Paint Co., 242 1st av, N, Minneapolis, Minn.
Martin Co., 192 Water, N. Y.
Mepham, G. S. & Co., East St. Louis, Ill.
MILWAUKEE CORRUGATING CO., Milwaukee, Wis. (See adv. index, end of book)
Nashville Chemical Co., 919 N Front, Nashville, Tenn.
National Paint Works, Williamsport, Pa.
N. Y. Roof Paint Co., 100 William, N. Y.
Ohio Paint & Varnish Co. ("Standard" Liquid Enamel), Findlay, O.
Paragon Insulating Co., Erie, R. R. n Forest, Cleveland, O
PATENT VULCANITE ROOFING CO. 25 S Campbell av, Chicago, Ill. (See adv. index, end of book)
Patterson, Sargent & Co., Cleveland, O.
Pittsburg Iron Paint Co., Allegheny, Pa.
Prince Mfg. Co., 71 Maiden lane, N. Y.
Reeder, Jno. S. (Cold Japan), Union Trust bldg, Cincinnati, O.
Republic Railway Applinace Co., St. Louis, Mo.
Ricketson Mineral Paint Works (Iron Ore), University bldg, Milwaukee, Wis.
Rinald Bros., 1142 N Hancoek, Phila., Pa.
Rossie Iron Ore Paint Co., Ogdensburg, N. Y.
Rubber Paint Co., 154 Van Buren, Chicago, Ill.
Sherwin-Williams Co., 104 Canal, Cleveland, O.

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Southern Roofing Co., Atlanta, Ga.
Spirittine Chemical Co., Wilmington, N. C.
Standard Graphite Co., 11 B'way, N. Y.
Standard Paint Co., 100 William, N. Y., & 188 Madison, Chicago, Ill.
Stewart, W. H. Mfg. Co., 81 Fulton, New York
SUYDAM, M. B. CO., 61st & Butler, Pittsburg, Pa.
Ullman & Philpott Mfg. Co., 95 Merwin, Cleveland, O.
U. S. Graphite Co., Saginaw, Mich.
UNITED STATES GUTTA PERCHA Paint Co., 24 Matthewson, Providence, R. I. (See adv. index, end of book)
U. S. Paint Co., Williamsport, Pa.
Wadsworth-Howland Co. (Incorp.), Indiana av & 13th, Chicago
Wadsworth, Howland & Co. (Incorporated), Boston, Mass.
WATERALL, WM. & CO., 200 N 4th, Phila., Pa.
Waterproof Paint Co., Watertown, Mass.
WATSON, H. F. CO. (Asbestos), Erie, Pa.; 12 S Clinton, Chicago, & 233 Congress, Boston, Mass. (See adv, index, end of book)
Western Roofing & Supply Co., 177 Randolph, Chicago, Ill.
Wetherill, Geo. D. & Co., 114 N Front, Phila.,
Wilhelm, A. Co., Reading, Pa.
Wisconsin Graphite Co. (Graphite), Allegheny, Pa.
Woodhouse, Saml. F., Frankford, Phila., Pa.
Woolsey, C. A. Paint & Color Co., 500 Grand, Jersey City, N. J.

Paints (Rubber)

PATENT VULCANITE ROOFING CO. 25 S Campbell av, Chicago. Ill. (See adv. index, end of book)

Paints (Rust Proof)

Akron Mining, Milling & Mfg. Co., Aurora, Ill.
Allen Anti-Rust Mfg. Co., 5th & Race, Cincinnati, O.
ATLAS PAINT CO. (Ltd.), 2638 Liberty av, Pittsburg, Pa. (See adv. index, end of book)
Barrett Mfg. Co., Merchants' Loan & Trust bldg, Chicago, Ill.; 17 Battery pl, N. Y., & Land Title bldg, Phila., Pa.
Cerion Paint Co., 11 B'way, New York
Depew, Woodcock & Finlayson Paint Co., 155 Wash'n, Chicago, Ill.
Detroit Graphite Mfg. Co., 540 River, Detroit, Mich.
Forest City Paint & Varnish Co., Cleveland, O.
Fort Pitt Oil & Paint Co., Pittsburg, Pa.
FRENCH, SAMUEL H. & CO., 4th & Callowhill, Phila., Pa. (See adv. index, end of book)
Garfield Paint Co. ("Zanzibar," Anti-Rust), Rose bldg, Cleveland, O.
Grosche, Bruno (Importers), 27 William New York
Grothwell, A. ("Mogul"), 136 Liberty, New York, & 26 Montgomery, San Francisco, Cal.
Lucas, John & Co., 322 Race, Philadelphia, Pa.; 89 Maiden lane, New York, & 59 N Jefferson, Chicago
McLennan Paint Co., 175-195 Rano, Buffalo, N. Y.
Maire Paint Co., 242 1st av, N, Minneapolis, Minn.
Rinald Bros., 1142 N Hancock, Phila., Pa.
Sherwin-Williams Co., 104 Canal, Cleveland, O.
SUYDAM, M. B. CO., 61st & Butler, Pittsburg, Pa.
Toch Bros. (R. I. W.), 468 W B'way, New York
UNITED STATES GUTTA PERCHA Paint Co., 24 Matthewson, Providence, R. I. (See adv. index, end of book)
Wisconsin Graphite Co., Allegheny, Pa.

Paints (Shingle)

Michigan Paint Co. (Graphite Slate), Flint, Mich.
Sherwin-Williams Co., 104 Canal, Cleveland, O.
Spirittine Chemical Co. (Spirittine Creosote), Wilmington, N. C.

Paints (Smoke Stack)

Allen Anti-Rust Mfg. Co., 5th & Race, Cincinnati, O.
Arlington Mfg. Co., Canton, O.
ATLAS PAINT CO. (Ltd.), 2638 Liberty av, Pittsburg, Pa. (See adv. index, end of book)
Barrett Mfg. Co., Land Title bldg, Phila., Pa.; Merchants' Loan & Trust bldg, Chicago, Ill.; 17 Battery pl, New York; St. Louis, Mo.; Cleveland, O.; Cincinnati, O.; Pittsburg, Pa.; Minneapolis, Minn.; Kansas City, Mo., & New Orleans, La.
BINSWANGER, B. & CO., 115 N 4th, Phila., Pa. (See adv. index, end of book)
Cambria Paint & Color Co. (Ltd.), Johnstown, Pa.
Dixon Crucible Co., Jersey City, N. J.
Feigel, M. & Bro., 149 Mercer, N. Y.
Forest City Paint & Varnish Co., Cleveland, O.
Fort Pitt Oil & Paint Co., 3208 Penna, Pittsburg, Pa.
FRENCH, SAMUEL H. & CO., 4th & Callowhill, Phila., Pa. (See adv. index, end of book)
Goheen Mfg. Co., Canton, O.
Grosche, Bruno (Imported), 27 William, New York
IRON CLAD PAINT CO., 535 Seneca, Cleveland, O.
Ironsides Co., Columbus, O.
Johns, H. W. Paint Mfg. Co., Newark, N. J.
Johnson Compound & Supply Co. ("Sumac"), Rochester, N. Y.
Lucas, John & Co., 322 Race, Phila., Pa.
McNaughton, Wm. D., 232 Newell, Greenpoint, N. Y.
Maire Paint Co., 242 1st av, N, Minneapolis, Minn.
Mohawk Paint & Chemical Co. ("Ferox" Iron Oxide), Norwich, Conn.
New Castle Paint & Varnish Co., New Castle, Pa.
Ohio Paint & Varnish Co., Findlay, O.
Republic Railway Appliance Co., St. Louis, Mo.
Riesemann Mfg. Co., Ltd., Franklin, Pa.
Rossie Iron Ore Paint Co., Ogdensburg, N. Y.
Sherwin-Williams Co., 104 Canal, Cleveland, O.
Smith, Edw. & Co., 45 B'way, New York
Stickney, J. W., 64 Broad, Boston, Mass.
SUYDAM, M. B. CO., 61st & Butler, Pittsburg, Pa.
Toch Bros. (R. I. W.), 468 W B'way, New York
UNITED STATES GUTTA PERCHA Paint Co., Providence, R. I. (See adv. index, end of book)
Walker-Cromwell Co., Kearney, N. J.
Wisconsin Graphite Co., Allegheny, Pa.

Paints (Steam-Proof)

Acme White Lead & Color Works, Detroit, Mich.
Barrett Mfg. Co., Merchants' Loan & Trust bldg, Chicago, Ill.; 17 Battery pl, N. Y., & Land Title bldg, Phila., Pa.
Buckeye Paint & Varnish Co., Toledo, O.
Forest City Paint & Varnish Co., Cleveland, O.
Lucas, John & Co., 322 Race, Philadelphia, Pa.
Sherwin-Williams Co., 104 Canal, Cleveland, O.

Paints (Steel Car Coating)

Arlington Mfg. Co., Canton, O.
Sherwin-Williams Co., 104 Canal, Cleveland, O.

Paints (Trolley Pole)

ATLAS PAINT CO. (Ltd.), 2638 Liberty av, Pittsburg, Pa. (See adv. index, end of book)
BINSWANGER, B. & CO., 115 N 4th, Phila., Pa. (See adv. index, end of book)
CABOT, SAMUEL, 141 Milk, Boston, Mass., & 28 Dearborn, Chicago, Ill. (See adv. index, end of book)
CHILTON PAINT CO., 69 Cortlandt, New York
Forest City Paint & Varnish Co., Cleveland, O.
Fort Pitt Oil & Paint Co., Pittsburg, Pa.
Goheen Mfg. Co., Canton, O.
Grosche, Bruno (Importers), 27 William New York
Johns, H. W. Paint Mfg. Co., Newark, N. J.
Johnson Compound & Supply Co. ("Sumac"), Rochester, N. Y.
Lucas, John & Co., 322 Race, Phila., Pa.
McNaughton, Wm. D., 232 Newell, Greenpoint, N. Y.
Maire Paint Co., 242 1st av, N, Minneapolis, Minn.
National Paint Works, Williamsport, Pa.
Ohio Paint & Varnish Co., Findlay, O.
Sherwin-Williams Co., 104 Canal, Cleveland, O.
SUYDAM, M. B. CO., 61st & Butler, Pittsburg, Pa.
Toch Bros. (R. I. W.), 468 W B'way, New York
Tucker, Wm. G. Co., 553 E 116th, N. Y.
UNITED STATES GUTTA PERCHA Paint Co., Providence, R. I. (See adv. index, end of book)
Wisconsin Graphite Co. (Graphite), Allegheny, Pa.

Paints (Waterproof)

Acme White Lead & Color Works, Detroit, Mich.
Akron Mining, Milling & Mfg. Co., Aurora, Ill.
Barrett Mfg. Co., Merchants' Loan & Trust bldg, Chicago, Ill.; 17 Battery pl, N. Y., & Land Title bldg, Phila., Pa.
Bird, F. W. & Son ("Parine"), East Walpole, Mass.
CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
Creolite Slate Paint Co., 84 La Salle, Chicago, Ill.
De Ronde, Frank S. Co., 46 Cliff, New York, & 48 N 4th, Phila., Pa.
Forest City Paint & Varnish Co., Cleveland, O.
Fort Pitt Oil & Paint Co., Pittsburg, Pa.
Grothwell, A. ("Mogul"), 136 Liberty, New York, & 26 Montgomery, San Francisco, Cal.
International Steel Post Co., 719 Chestnut, St. Louis, Mo.
Maire Paint Co., 242 1st av, N, Minneapolis, Minn.
Penna. Standard Rubber Paint Co., West End Trust bldg, Phila., Pa.
Pure Rubber Paint Co. 113 S Gay, Phila., Pa.
Sherwin-Williams Co., 104 Canal, Cleveland, O.
Standard Tin & Waterproof Paint Co., 381 B'way, Albany, N. Y.
Streett, J. D. & Co., 809 N 2d, St. Louis, Mo.
SUYDAM, M. B. CO., 61st & Butler, Pittsburg, Pa.
UNITED STATES GUTTA PERCHA Paint Co., 24 Matthewson, Providence, R. I. (See adv. index, end of book)
Vogt, Paul & Sons, 110 Tremont, Boston, Mass.
Waterproof Paint Co., Watertown, Mass.

Pallets (Brick)

Avery Stamping Co., Cleveland, O.
Central Expanded Metal Co. (Steel), 541 Wood, Pittsburg, Pa.
Mershon, Wm. B. & Co. (Wood), Mershon Station, Saginaw, Mich.
Ohio Galvanizing & Mfg. Co. (Steel), Niles, O.

Pans (Acid)

Cornell, J. B. & J. M. Co., 26th & 11th av, New York

Pans (Amalgamating)

Allis-Chalmers Co., New York Life bldg, Chicago, Ill., & 71 B'way, New York. Works, Chicago, Milwaukee, & Scranton, Pa.
Power & Mining Machinery Co., 52 William, New York, & Cudahy, Wis.

Pans (Chemical)

Cornell, J. B. & J. M. Co., 26th & 11th av, New York
Power & Mining Machinery Co., 52 William, New York, & Cudahy, Wis.

Pans (Chip)

New Britain Machine Co., New Britain, Conn.

Pans (Drip)

Akron Mfg. Co., Akron, O.
Bronson-Walton Co. ("Never Burn," Family), Collinwood, Cleveland, O.
Budke Mfg. Co. ("Acme"), Pittsburg, Pa.
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
Dover Stamping & Mfg. Co., Cambridge, Mass.
Fillgrove Bros. & Co., Ironton, O.
Geuber & Paeschke Mfg. Co., Milwaukee, Wis.
Hibbs, E. A. (Est: of), 213 Quarry, Phila., Pa.

Pans (Dry)

Allis-Chalmers Co., New York Life bldg, Chicago, Ill., & 71 B'way, New York. Works, Chicago, Milwaukee, & Schanton, Pa.
American Clay Working Machinery Co. (& Wet), Bucyrus, O., & Willoughby, O.
Anderson Foundry & Machine Works, Anderson, Ind.
Bethlehem Foundry & Machine Co., South Bethlehem, Pa.
Bonnot Co., Canton, O.
Clearfield Machine Shops (Ltd.), (Also Wet), Clearfield, Pa.
Eagle Iron Works, Des Moines, Ia.
Fernholtz Brick Machinery Co., Boyle & Old Manchester avs, St. Louis, Mo.
Power & Mining Machiery Co., 52 William, New York, & Cudahy, Wis.
Koven, L. O. & Bro., 50 Cliff, New York
Martin, Henry Brick Machine Mfg. Co., Lancaster, Pa.
Means Foundry & Machine Co., Steubenville, O.
PAXSON, J. W. CO., 1021 N Del. av, Phila., Pa. (See adv. index, page 1200)
Phillips & McLaren (Also Wet Pans), 24th & Smallman, Pittsburg, Pa.
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
Raymond, C. W. Co., Dayton, O.
Stevenson Co., Wellsville, O.
Taplin, Rice & Co. (Also Wet), Akron, O.
Turner, Vaughn & Taylor Co. Cuyahoga Falls, O.
Webster, Camp & Lane Machine Co., Akron, O.

Pans (Dust)

Knapp Mfg. Co., 24 Frankfort New York

Pans (Evaporating)

Bethlehem Foundry & Machine Shop Co. (Cast Iron for Chemical Mrfs., etc.), South Bethlehem, Pa.
Dover Stamping & Mfg. Co., Cambridge, Mass.
Power & Mining Machinery Co., 52 William, New York, & Cudahy, Wis.
Townsend Foundry & Machine Shop Co., Albany, N. Y.

Pans (Gravel)

Allis-Chalmers Co., New York Life bldg, Chicago, Ill., & 71 B'way, New York. Works, Chicago, Milwaukee, & Schanton, Pa.
CONTRACTORS TOOL CO., 704 Arch, Phila., Pa. (See adv. index, end of book)
Hibbs, E. A. (Est. of), 213 Quarry, Phila., Pa.
Power & Mining Machinery Co., 52 William, New York, & Cudahy, Wis.

Pans (Grinding)

Allis-Chalmers Co., New York Life bldg, Chicago, Ill., & 71 B'way, New York. Works, Chicago, Milwaukee, & Schanton, Pa.
American Clay Working Machinery Co., Bucyrus, O., & 39 Cortlandt, N. Y.
Borton & Tierney Co. (Mfrs' Agts.), Stephen Girard bldg, Phila., Pa.
Clearfield Machine Shop, (Ltd.), (Wet & Dry), Clearfield, Pa.
Power & Mining Machiery Co., 52 William, New York, & Cudahy, Wis.
Lewis Foundry & Machine Co., 1001 Bingham, Pittsburg, Pa
PAXSON, J. W. CO., 1021 N. Del. av, Phila., Pa. (See adv. index, page 1200)
Phillips & McLaren, 24th & Smallman, Pittsburg, Pa.
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
United Engineering & Foundry Co., Farmers' Bank bldg, Pittsburg, Pa., & Youngstown, Ohio

Pans (Lathe)

Lyon Metallic Mfg. Co. ("Star" Sheet Steel), 18 S Ann, Chicago, Ill.

Pans (Salt)

Eastwood Wire Mfg. Co., Belleville, N. J.

Pans (Shop)

Avery Stamping Co. (Sheet Steel), Cleveland, O.
Clark, W. J. Co. (Steel), Salem, O.
Kilbourne & Jacobs Mfg. Co. (Steel), Columbus, Ohio

Pans (Steam Revolving)

Day, J. H. & Co., Cincinnati, O.
Holmbert, Chas. & Co., 50 Michigan, Chicago, Ill.

Pans (Sugar Coating)

Colton, Arthur (Revolving), 184 Brush, Detroit, Mich.

Pans (Vacuum)

Allentown Foundry & Machine Works Co. (Inc.), Allentown, Pa.
Allis-Chalmers Co., New York Life bldg, Chicago, Ill., & 71 B'way, New York. Works, Chicago, Ill.; Milwaukee, Wiss., & Scranton, Pa.
BAGER, E. B. & SONS CO., 65 Pitts, Boston, Mass. (See adv. index, end of book)
Bartlett, Hayward & Co., 100 B'way, New York, & Baltimore, Md.
Blymer Iron Works Co., Spring Grove av & Township, Cincinnati, O.
Coldwell-Wilcox Co., Newburgh, N. Y.
Cornell, J. B. & J. M. Co., 26th & 11th av, New York
Deeley, Robt. & Co., 541 W 32d, New York
Dopp, H. Wm. & Son, 522 Ellicott, Buffalo, N. Y
Dyer, E. H. & Co., New England bldg., Cleveland, O.
Guild & Garrison, ft of S 10th, Brooklyn, N. Y.
Flynn, W. S., 74 Hudson, Jersey City, N. J.
Harris, Geo. P. & Bro., 64 W Lake, Chicago, Ill.
Haubtman & Loeb Co. (Ltd.), 222 S Peters, New Orleans, La.
Holmberg, Chas. & Co., 50 Michigan, Chicago, Ill.
Kehoe & Sons, Savannah, Ga.
Kilby Mfg. Co. (Copper, Bronze & Cast Iron), Cleveland, O.
Krajewski-Pesant Co., 32 B'way, New York
Manistee Iron Works Co. (for Salt), Manistee, Mich.
Marietta Iron Works Co., Manistee, Mich.
Maschinenfabrik, Grevenbroich, 76 William, New York
Morris, Henry G., Phila. Bourse, Phila., Pa.
Morris, P. Hollingsworth, 1501 S Front, Philadelphia, Pa.
Murphy, John H., 643 Magazine, New Orleans, La.
Oat, Jos. & Sons, 232 Quarry, Phila., Pa.
Payne & Joubert, 423 Carondelet, New Orleans, La.
Phillips, Thos. Co., Providence, R. I.
Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.
Pusey & Jones Co., Wilmington, Del.
Risdon Iron & Locomotive Works, Steuart & Folsom, San Francisco, Cal.
Rourke, John & Sons, Savannah, Ga.
Sperry, D. R. & Co., Batavia, Ill.
Squier, Geo. L. Mfg. Co., 420 Niagara, Buffalo, N. Y.
Turl's, John Sons (Inc.), 534 W 28th, New York
Wheeler Condenser & Engineering Co. (and Multiple Effects), 42 B'way, New York
Wolf, Fred Co., 139 Rees, Chicago
Wood, R. D. & Co., 400 Chestnut, Phila., Pa.

Pantographs

ASHCROFT MFG. CO., THE, 85, 87, & 89 Liberty, New York; 22, 24 & 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.

Paper (Blotting)

Albermarle Paper Mfg. Co., Richmond, Va.
Bardeen Paper Co., Otsego, Mich.
Carter, Rice & Co. (Inc.), Boston, Mass.
Hampden Glazed Paper & Card Co., Holyoke, Mass.
Parker, Jos. & Son Co., New Haven, Conn.
Parsons Bros., 256 B'way, New York
Richmond Paper Mfg. Co., Richmond, Va.
Whitmore Mfg. Co., Holyoke, Mass.
Wrenn Paper Co., Middletown, Ohio

Paper Boards

Case Bros., Highland Park, Conn.

Paper Box Machinery

(See Machinery, Paper Box.)

Paper Cans and Boxes

Chicago Paper Tube & Can Co. (Round), 20 N. May, Chicago, Ill.

Paper (Insulating)

(See Insulating Paper.)

Paper Mfrs. (Bond)

Mittineague Paper Co., Mittineague, Mass.

Paper Mfrs. (Carbon)

General Manifold Co., Franklin, Pa.
Little, A. P., (Cobweb), Rochester, N. Y.
Underwood, John & Co., 30 Vesey, New York
Webster, F. S. Co., Boston, Mass.

Paper Mfrs. (Copying & Manifold)

Dexeter, C. H. & Sons, Windsor Locks, Conn.
General Manifold Co. (Manifold Blanks), Franklin, Pa.
Union Mills Paper Mfg. Co., New Hope, Pa.
Whittelsey, Frank H. (White & Colored Tissues, Railroad Copying & Oiled Tissues, etc.), Windsor Locks, Conn.

Paper Mfrs. (Corrugated)

Thompson & Norris Co., c Prince & Concord, Brooklyn, N. Y.

Paper Mfrs. (Detail)

Mittineague Paper Co. (For Architects & Engineers, etc.), Mittineague, Mass.

Paper Mfrs. (Flint)

Coryell Flint Paper Co., Williamsport, Pa.

Paper Mill Machinery

(See Machinery, Paper & Pulp Mill.)

Paper (Railroad Manilla & Writing)

Arlington Paper Co., Salisbury Mills, N. Y.
Cumberland Paper Co., Cumberland, Me.
Eastern Mfg. Co., Bangor, Me.
Robertson Paper Co., Bellows' Falls, Vt.
Telulah Paper Co., Appleton, Wis.
Thilmany Pulp & Paper Mills, Kaukauna, Wis.

Paper (Roofing & Sheathing)

(Firms or Mills Marked with a star manufacture only Sheathing papers. See also Building & Sheathing Papers of Various Kinds.)

Barrett Mfg. Co., Merchants' Loan & Trust bldg, Chicago, Ill.; 17 Battery pl, New York; Land Title bldg, Phila., Pa.
Bird, F. W. & Son ("Neponset"), East Walpole, Mass.
Buchanan-Foster Co., Drexel bldg, Phila., Pa.
CABOT, SAM'L. (Sheathing Quilt), 141 Milk, Boston, Mass., & 28 Dearborn av, Chicago, Ill. (See adv. index, end of book)
Chatfield & Wood Co., 347 W 4th, Cleveland, O.
Codorus Paper Mills, York, Pa.
Coons, Fred M., Rockton, Ill.
Cullen, L. C., Cheyney, Pa.
Diem & Wing Paper Co., 320 Elm, Cincinnati, O.
*Eastern Straw Board Co., Versailles, Conn.
Field & White, 116 Nassau, New York
Fleming, John G. & Sons, Oak Cliff, Tex.
Fox Paper Co., Lockland, O.
Garrett, C. S. & Co., 21 Decatur, Phila., Pa.
Haldeman Paper Co., Lockland, O.
*House, W. N., Haddam Neck, Conn.
Kingston's, Wm. Sons (Roofing Only), Little
*Lafean Mfg. Co., York, Pa. Falls, N. Y.
Lang, John (Est. of), N 24th & Vine, Phila., Pa.
*Leadbetter, F. W., Camas, Wash.
Lewis Roofing Co., Rock Island, Ill.
*Lincoln, L. & Co., North Dighton, Mass.
Lockport Paper Co., Lockport, N. Y.
Los Angeles Paper Mfg. Co., Los Angeles, Cal. Cal
Lydall & Foulds Paper Co., Manchester, Conn.
Lyons, James, Evergreen, Brooklyn, N. Y.
Munroe Felt & Paper Co., 77 Snmmer, Boston, Mass.
*Newton Paper Co., Holyoke, Mass.
*Nutley Paper Mills, Nutley, N. J.
Rankin, W. H. Co., Elizabeth, N. J.
Richardson Paper Co., Franklin, O.
*Sherman, Isaac N., Marcellus Falls, N. Y.
WATSON, H. F. CO., Erie, Pa.; 12 S Clinton, Chicago, Ill., & 233 Congress, Boston, Mass. (See adv. index, end of book)
York Felt & Paper Co., York, Pa.
York Haven Paper Co., York Haven, Pa., & 11 B'way, New York

Paper, Train Order

Whittlesey, Frank H., Windsor Locks, Conn.

Papers (Press)

Case Bros., Highland Park, Conn.

(Papers (Rope)

Union Mills Paper Mfg. Co. (Pure Rope Papers & Colored Rope Specialties), New Hope, Pa.

Papers (Waxed or Paraffine)

Albany Perforated Wrapper Co., Albany, N. Y.
Dayton, Paper Novelty Co., Dayton, O.
Hammerschlag Mfg. Co., 232 Greenwich, N. Y.
Raubsville Paper Mills Co., Raubsville, Pa.
Standard Wax & Paper Co., 319 Greenwich, New York
Union Waxed & Parchment Paper Co., 277 B'way, New York

Papier Mache Mfrs.

Berger's, H. Sons, 101 Fourth av, New York
Berlin Mills Co., Portland, Me.
DECORATORS' SUPPLY CO., 209-219 S Clinton, Chicago, Ill.. (See adv .index, end of book)
De Planque, F. R., 1349 Ridge av, Philadelphia, Pa.
Dini, Geo. L., 497 Atlantic av, Brooklyn, N. Y.
EMMEL, CHAS. (Architectural), 383 Albany, Boston, Mass.
Evans, John & Co., 77 Huntington, Boston, Mass.
Fowle, Herbert, 43 Bristol, Boston, Mass.
Grosse, L. Art Glass Works (Emmel's), 317 Ferguson blk, Pittsburg, Pa.
Irving & Casson, 150 Boylston, Boston, Mass.
Kerr, Jas. M., 443 W 19th, New York
Klee, Thomson Co., 329 E 40th New York
Koppe Bros. & Steinichen (Architectural), 89 Houston, Atlanta, Ga.
Liesum, Geo., 228 E 24th, New York
Lombard, A. P., 101 Bristol, Boston, Mass.
Milner & Pride, 43 Bristol, Boston, Mass.
PLASTIC RELIEF MFG. CO., 298 N Halsted, Chicago, Ill. (See adv. index, end of book)
Pottier & Stymus Co., 375 Lexington av, N. Y.
Prior, Jas. V., 288 Washington, Newark, N. J.
SEIFERT, FRANK A., PLASTIC Relief Co., 2646 Chestnut, St. Louis, Mo. (See adv. index, end of book)
Sinnott, Jas. M. & Co., 168 Atlantic av., Brooklyn, N. Y.
Union Fiber Co., Winona, Minn., & 143 Reed, Milwaukee, Wis.
Van Malderen, F., Ann & Jumonville, Pittsburg, Pa.
Verpellier, H. E. & Co., 288 Washington, Newark, N. J.
Vogt, Paul & Sons, 110 Tremont, Boston, Mass.
Walter, G. E. Co., 157 E 44th. New York
Whitman, J. Franklin Co., 212 S 5th, Philadelphia, Pa.

Paraffine Wax

Penna. Parafine Works, Titusville, Pa.

Parers (Fruit & Vegetable)

Bonney Vise & Tool Works (Inc.) (Potato), 3015 Chestnut, Phila., Pa.
Goodell Co. (Apple & Potato, etc.), Antrim, N. H.
Hudson Parer Co. (Apple), Leominster, Mass.

Park Furniture.

(See Settees, Various Kinds.)
(Also Fountains, Vases, etc.)
(Also Rustic Woodwork.)
(Also Swings, Lawn.)

Parquetry Floors

(See Floors, Parquet; also Wood Carpets.)

Partitions (Fireproof Steel Rolling)

KINNEAR MFG CO., Columbus, O.; 85 Water, Boston, Mass.; 1001 Chestnut, Phila., Pa., & 112 Clark, Chicago, Ill. (See adv. index, end of book)

Partitions (Steel Rolling)

Columbus Steel Rolling Shutter Co. (Steel), Columbus, O.
KINNEAR MFG. CO. (Steel), Columbus, O.; 85 Water, Boston, Mass.; 1001 Chestnut, Phila., Pa., & 112 Clark, Chi-
LAWES, GEO. H. & CO. (Mfrs'. Agts.), 439 Gilfillan blk, St. Paul, Minn. (See adv. index, end of book)
MERRITT & CO., 1024 Ridge av., Phila., Pa. (See adv. index, end of book)
ROLLING STEEL SHUTTER WORKS (I. D. Thomas, Mngr.), 162 W 27th, New York. (See adv. index, end of book)
WILSON, JAMES G. MFG. CO., 3 W 29th, New York. (See adv. index, end of book)

*Partitions (Wood Rolling)

DODGE, H. B. & CO., 933-108 La Salle, Chicago, Ill.
Hartman Sliding Blind Co. (Ball Bearing), Bowling Green, Ky.
LAWES, GEO. H. & CO. (Mfgs.' Agts.). 439 Gilfillan blk, St. Paul, Minn. (See adv. index, end of book)
Monroe Screen Blind & Partition Co. (Ball Rolling), Lima, O.
WILSON, JAMES G. MFG. CO., 3 W 29th, New York. (See adv. index, end of book)

Passenger Car Mfrs.

(See Cars, Passenger.)

*Paste (Anti-Rust)

ATLAS PAINT CO. (Ltd.) 2638 Liberty av, Pittsburg, Pa. (See adv. index, end of book)
Fort Pitt Oil & Paint Co., Pittsburg, Pa.

Paste (Canners, etc.)

Arafol Mfg. Co. (Paste Powder & Pate Tinnol), 100 William, New York

*Patcher (Dugan's Invisible)

(For Patching all Kinds of Limestone.)

COHEN, MICHAEL (Dealer in and Agent for), 1133 B'way, New York. (See adv. index, end of book)

Patent Office Printed Bristol Boards

SOLTMANN, E. G. (Also everything for the Architect, Engineer & Draughting Room), 125 E 42d, New York. (See adv. index, end of book)

Patterns & Models

Acushnet Iron Co. (Patterns & Models), New Bedford, Mass.
Adamson, Alex., Akron, Ohio
Akron Engineering Co., Akron O.
Allen, Geo. R. (Patterns & Models), 500 N 13th, Phila., Pa.
American Pattern Co., Cleveland, O.
Ames, B. C. & Co. (Models & Experimental Work), Waltham, Mass.
Arthur Co. (Models Experimental Work), 188 Front, N. Y.
Baltimore Pattern & Model Works (Metal & Wood Models & Patterns), 218 Holliday, Baltimore, Md.
Banner Iron Works, St. Louis, Mo.
Blossom Bro. (Patterns & Models), New Bedford, Mass.
Brush & Stephens Co. (Patterns), 106 Penn av, Pittsburg, Pa.
Buffalo Gear & Pattern Works (Gear Patterns Cut by Machinery), 20 Elk, Buffalo, N. Y.
Buffalo Pattern Works (Edw. Simon, Prop'r.), (Wood & Metal Patterns), Buffalo, N. Y.
Buchel Machine Works (And Experimental Work), 827 Conti, New Orleans, La.
Canton Malleable Iron Co. (Brass), Canton, O
Carr, David & Co. (Patterns), 2074 Detroit, Cleveland, O.
Carron, A. M. & Co. (Metal Patterns), 108 Market, Pittsburg, Pa.
Chadborn Mfg. Co. (Models & Patterns), Newburg, N. Y.

Clark, Jno. W. (Metal Patterns), Albany, N. Y.
Cole Mfg. Co., Lakeport, N. H.
Columbia Machine Works & Malleable Iron Co. (Metal), 167 Chestnut, Brooklyn, N. Y.
Eastwood Wire Mfg. Co., Belleville, N. J.
Eynon-Evans Mfg. Co. (Patterns Only), 1519 Clearfield, Phila., Pa., & 107 Liberty, N. Y.
Federal Mfg. Co. (Wood & Metal), Columbus, Ohio
Fenn-Sadler Machine Co. (Models), Hartford, Conn.
Flint, Lomax Electric & Mfg. Co., 1400 Delgany, Denver, Colo.
Forsyth Pattern Co. (Patterns for Castings from ¼ lb. to 75 tons), Youngstown, O.
Frankham, Wm. (Metal), Canton, O.
Freeman, Walter K. (Metal Models & Wood Patterns), 403 E 23d, New York
Gaisler, O. Jr. Pattern Co., St. Louis, Mo.
Gobeille Pattern Co. (Wood), Cleveland, O.
Goodling & Snyder, York, Pa.
Gorning & Luley, St. Louis, Mo.
Grant Mfg. & Machine Co. (Metal, Experimental, etc.), Bridgeport, Conn.
Hamilton Metal Pattern Co. (Metal), Hamilton, O.
Hardoin Brass Works, 180 Brush, Detroit, Mich.
Harring, Atwood Brass Mfg. Co. (Metal Models & Patterns, Grand Rapids, Mich.
Hinchcliff, H. C. (Metal Models & Experimental Work), 193 Centre, New York
HURD & CO. (Experimental Work & Model Making; Shop Drawings & Specifications furnished for Machines, etc.), 304 Hudson, New York. (See adv. index, end of book)
Jenkins & Beach, 1535 Ridge av, Phila., Pa.
Kahl, Fred. Pattern Co. (Wood & Metal Patterns), 12 St. Aubin, Detroit, Mich.
KIDDER, R. E. (All Kinds). 2 Her-mon, Worcester, Mass. (See adv. index, end of book)
Knight, W. B. & Co. (Metal), 1518 Olive, St. Louis, Mo.
Lehmann's Machine Works (Brass Patterns), 1216 N Mascher, Phila., Pa.
Lewis, Chas. H., 120 S State, Syracuse, N. Y.
Lipe, C. E. (Est.), 208 S Geddes, Syracuse, N. Y.
Luzier, T. B. & Son, 479 N 5th, Phila., Pa.
McClure, John C., 28 Orange, Newark, N. J.
McCulken, K. & Bro., 812 Winter, Phila., Pa.
McLaughlin, Jno. K., 215 N 2d, Phila., Pa.
Macbeth Iron Co. (Patterns), 57 W Center, Cleveland, O.
Mahoning Pattern Co. (All Kinds of Patterns), Youngstown, O.
Mahoning Foundry & Machine Co. (Patterns), Youngstown, O.
Medart, Fred., 3535 DeKalb, St. Louis, Mo.
Moore, E. J. Machine & Foundry Co. (Patterns), 2227 Wood, Phila., Pa.
Nacke, A. & Son (Metal), 723 Sansom, Philadelphia, Pa.
Neslage, Herman F., 1023 S 11th, St. Louis, Mo.
Ohio Pump & Brass Co., 18th & Oak, Columbus, O.
Olmstead, H. B. Co. (Wood), 87 Frankfort, New York
Parker, W. T. Mfg. Co., Springfield, O.
Parsell & Weed (Models & Experimental Work), 129 W 31st, New York
Pauly Bros., Springfield, O.
Penn Pattern Works (Patterns), Chester, Pa.
Penn Pattern & Model Works, 1427 Catharine, Phila., Pa.
Phoenix Iron Works, Portland, Ore.
Pittsburg Pattern Co. (Inc.), (Patterns), 3700 Penn av, Pittsbubrg, Pa.
Portland Iron Works, Portland, Ore.
Reeves Mfg. Co., New Haven, Conn.
Reliable Foundry Co. (Gasoline Engines a Specialty), Quincy, Ill.
Reliance Pattern Works, 3204 Smallman, Pittsburg, Pa.
Rhoades Mfg. Co. (Wood or Metal Patterns), Columbus, O.
Richmond Pattern Works (Wood Patterns), Richmond, Va.
Roberts & Norton, Utica, N. Y.
Rudolph, Wm. F. (Models & Experimental Works), 234 N Broad, Phila.
Shepard, Amos (Models & Metal & Wood Patterns), Plantsville, Conn.
Simpson Iron Co. (Metal), Columbus, O.
Standard Pattern Co. (Patterns of All Kinds), 39th & Smallman, Pittsburg, Pa.
Stover Mfg. Co. (Metal Patterns), Freeport, Ill.
Tenney, Chas. L. (Patterns & Models), Fitchburg, Mass.
Tittle, R. D., Springfield, O.
Townsend Foundry & Machine Shop Co., Albany, N. Y.
Trumbull Mfg. Co. (Patterns), Warren, O.
Turner Brass Works (Brass, etc.), Franklin & Mich, Chicago, Ill.
Twentieth Century Brass & Iron Works (Metal), Minneapolis, Minn.
Walker & Kyle (Patterns), Wilmington, Del.
Washburn, Lettie R. (Patterns & Models), New Bedford, Mass.
Wenzel, C. E. Co. (Metal Models & Experimental Work), 331 Market, Newark, N. J.
Western Brass Mfg. Works (Inc.) (Metal & Experimental Work), 63 S Canal, Chicago, Ill.
terns), Watervliet, Troy, N. Y.
West Side Foundry Co. (Wood & Metal Patterns), Watervliet, Troy, N. Y.
Wichita Mfg. Co. (Wood & Metal), Wichita, Kan.
Willamette Iron & Steel Works, Portland, Ore.
Youngstown Foundry & Machine Co., Youngstown, O.

Paving Blocks (Asphalt)

Barrett Mfg. Co., Merchants' Loan & Trust bldg., Chicago, Ill.; 170 B'way, New York, & Land Title bldg., Phila., Pa.
Block & Tile Paving Co., Norristown, Pa.
Boorman, T. Hugh, 32 B'way, New York
Gilson Asphaltum Co., Holland bldg, St. Louis, Mo.
Hastings Pavement Co., Hastings-on-the-Hudson, N. Y., & 25 Broad, New York
International Paving Co., Equitable bldg, Baltimore, Md.
Lake Erie Asphalt Block Co., Toledo, O.
Maryland Pavement Co., Equitable bldg, Baltimore, Md.
National Asphalt Brick & Tile Co., 23 B'way, New York
New Castle Asphalt Block Co., New Castle, Pa.
Taylor, Ronald, 520 E 20th, New York
Washington Asphalt Block & Tile Co., S Capital & R, S E, Washington, D. C.

Paving Blocks (Cedar)

(See Paving Blocks, Wood.)

Paving Blocks (Granite)

(See also Granite Producers, Workers & Dealers.)

Allen Granite Co., Mt. Desert, Me.
Amberg Granite Co., 204 Dearborn, Chicago, Ill.
Anderson, Ola., Concord, N. H.
Blaisdell, T. M., Franklin, Me.
Bodwell Granite Co., Rockland, Me.
BOOTH BROS. & HURRICANE ISLE Granite Co., 207 B'way, New York; Rockland, Me., & New London, Conn. (See adv. index, end of book)
Bradbury, Frank, West Franklin, Me.
Bruce, Geo. F., 221 Rutger, St. Louis, Mo.
Donovan, John J., 203 B'way, New York
Flynt, W. N. Granite Co., Monson, Mass.
Guilford & Waltersville Granite Co., Central Savings Bank bldg., Baltimore, Md.
Hallowell Granite Works, Hallowell, Me.
Hubbard, E. A., Sioux Falls, S. Dakota
Lahy, Thos., Haverhill, Mass.
Leopold, Joseph Co., 18 B'way, New York
Lowe & Handley, East Sioux Falls, S. Dakota
Maryland Granite Co., Equitable bldg., Baltimore, Md.
Metropolitan Granite Co., 73 North, Salem, Mass.
Montello Granite Co., 59 Clark, Chicago, Ill.
Mt. Waldo Granite Works, Frankfort, Me.
Muir, T. K. & Co. (Non-Absorptive), McKay bldg, Portland, Ore
NEW ENGLAND GRANITE WORKS, Westerly, R. I. & Concord, N. H. (See adv. index, end of book)
New York & Maine Granite Paving Block Co., 277 B'way, New York
Peirce, Hayward, Frankfort, Me.
Peirce, John, 277 B'way, New York
Pigeon Hill Granite Co., Pigeon Cove, Mass., & West Lebanon, N. H.
Prout Bros., Quincy, Mass.
Quincy Granite Quarries Co., Quincy, Mass.
Rendt, Louis B., 18 Beaver, New York
ROCKPORT GRANITE CO., Rockport, Mass.; 31 State, Boston, Mass., & 15 Park Row, New York. (See adv. index, of book)
Schneider Granite Co., Fullerton bldg, St. Louis, Mo. Quarries, Graniteville, Mo.
Shanley, B. M. & J. F. Co., 26 Exchange pl, Jersey City, N. J.; 14 S Broad, Phila., Pa., & 867 Broad, Newark, N. J.
Skrainka Construction Co., 319 N 4th, St. Louis, Mo.
Sterling, W. C. & Son, Monroe, Mich.
Southern Granite Co., Wiggins blk, Cincinnati, O., & Lithonia, Ga.
Standard Granite Co., Mt. Desert, Me.
Twentieth Century Granite Co., St. Louis, Mo., & Little Rock, Ark.
Webb Granite & Construction Co., Worcester, Mass.
Western Granite Co., 188 Madison, Chicago, Ill.
White Granite Co., Long Island City N. Y. Quarries, Blue Hill, Me.
Winnsboro Granite Co., Charleston & Rion, S. C.
Wyatt, Marie Louisa, Salisbury, N. C.

Paving Blocks (Stone)

Medina Quarry Co., Albion, N. Y., & 39 Cortlandt, New York

Paving Blocks (Vitrified)

(See also Brick Mfrs.—Vitrified Paving.)

American Sewer Pipe Co., Bessemer bldg, Pittsburg, Pa.
Barr Clay Co., Streator, Ill
Boone Brick, Tile & Paving Co. (Re-Pressed), Boone, Ia.
Clinton Paving Brick Co., Clinton, Ind.
Evansville Pressed Brick Co., Evansville, Ind.
Haydenville Mining & Mfg. Co., Haydenville, O.
Higley, Keplinger & Co., Canton, O.
Hocking Clay Mfg. Co., Logan, O.
Indiana Paving Brick & Block Co., Indianapolis, Ind.
Johnsonburg Vitrified Brick Co., Johnsonburg, Pa.
Kentucky Fire Brick Works, Portsmouth, O.
Logan Brick Mfg. Co., Logan, O.
Mack Mfg. Co., Land Title bldg, Phila., Pa.; Arrott bldg., Pittsburg, Pa.; works, New Cumberland, W. Va.
Metropolitan Paving Brick Co., Canton, O.
Nelsonville Sewer Pipe Co., Nelsonville, O.
Reese-Hammond Fire Brick Co., Bolivar, Pa., & Park bldg., Pittsburg, Pa.
Roseville Brick & Terra Cotta Co., Roseville, O.
St. Louis Clay Burning Co., 325 N Grand av, St. Louis, Mo.
Wabash Clay Co., Veedersburg, Ind.
Washington Brick, Lime & Mfg. Co., 1st av & Stevens, Spokane, Wash.
Saginaw Clay Mfg. Co., Saginaw, Mich.

*Paving Blocks (Wood)

Conway, R. F. Co. (Cedar), 138 Wash'n, Chicago, Ill.
Jones, W. R. (Cedar), Muskegon, Mich.
Morse Cedar Co. (Cedar), Saginaw, Mich.
Muir, T. K. & Co., McKay bldg, Portland, Ore.
Naugle, E. E. Tie Co. (Cedar), 135 Adams, Chicago, Ill.
Palmer, W. C. B., Robey, s of Blue Island av, Chicago, Ill,
Pierce, W. E. & Co., Milford, N. H.
Republic Chemical & Creosoting Co. ("Kreodone," Creosoted), Indianapolis, Ind.
Sterling, W. C. & Son (Cedar), Monroe, Mich.
Talbot Paving Co. (Cedar), Detroit, Mich.

Paving Contractors

See Contractors, General; also Contractors, Asphalt Paving; also Cement & Concrete Paving.)

Paving Materials

See Paving Blocks, various kinds.
Also Pitch, Paving & Roofing.

Paving Tools

(See Tools, Paving.)

Paving & Roofing Pitch

(See Pitch, Paving & Roofing; also Coal Tar Products.)

Pea-Hullers

(See Hullers, Pea & Bean.)

Peavies

CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
Champion Tool & Handle Works (Solid Socket), Evart, Mich.
Oshkosh Logging Tool Co. (Socket, Pipe, etc.), Oshkosh, Wis.
Prouty, C. & Co. (Also Peavie Handles), Eldred, Pa.

Pencils (Drawing)

SOLTMANN, E. G. (Graphite, also Everything for the Architect, Engineer & Draughting Room),125 E 42d, New York (See adv. index, end of book)

Pencils (French Chalk)

Nevins, Saml. Co., 109 S 2d, Phila., Pa.

Pencils (Slate)

Steward, D. M. Mfg. Co. ("Compo."), Chattanooga, Tenn.

Pencils (Talc & Soapstone)

Cohutta Talc Co. (Soapstone; also Crayon), Springplace, Ga.
Doggett, Stanley (Mfrs.' Agt.), 101 Beekman, New York
Steward, D. M. Mfg. Co., Chattanooga, Tenn.

Pens (Steel)

Estabrook Steel Pen Mfg. Co., Camden, N. J.
Miller Bros. Cutlery Co., Meriden, Conn.
Spencerian Pen Co., 349 B'way, New York

Penstocks

Atlantic Works, 70 Border, S. B., Boston, Mass.
Carroll, Porter Boiler & Tank Co., Empire bldg., Pittsburg, Pa.; works, Wellsville, O.
Dalrymple, Geo. (Wrought Steel), Fair Haven, Vt.
Gem City Boiler Co., Dayton, O.
Holmes, J. H. & Co., Rutland, Vt.
Holthoff Machinery Co., Cudahy, Wis.
Humphrey Machine Co., Keene, N. H.
Hunt, Rodney Machine Co., Orange, Mass.
Kendall, Edw. & Sons, Cambridgeport, Mass.
Leffel, James & Co., Springfield, O., & 120 Liberty, N. Y.
Lowell Steam Boiler Works (Richard Dobbins, Prop.), Lowell, Mass.
Maynard, C. T. & Co., Fairhaven, Conn.
Platt Iron Works Co., Dayton, O., & 93 Liberty, New York
PETROLEUM IRON WORKS CO., Washington, Pa. (See adv. index, end of book)
Pollock, Wm. B. Co., Youngstown, O.
Poole Engineering & Machine Co. (For Water Wheels), Woodberry Station, Baltimore, Md.
Portland Co., Portland, Me.
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
Reeves Bros. Co., Alliance O.
Riter-Conley Mfg. Co., 55 Water, Pittsburg, Pa., & 39 Cortlandt, New York
Scannell & Wholey, Lowell, Mass.
Stafford, Wright, Lawrence, Mass.
STEARNS, A. T. LUMBER CO. (Wood), Neponset, & 166 Devonshire, Boston, Mass. (See adv. index, end of book)
Struthers-Wells Co., Warren, Pa.
Trump Mfg. Co., Springfield, O.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Walsh Boiler & Iron Works, Springfield, Mass.
Walsh's Holyoke Steam Boiler Works, Holyoke, Mass.

Perforated Metals

Atchison, Robert Perforated Metal Co., 303 , Dearborn, Chicago, Ill.
Allis-Chalmers Co., New York Life bldg, Chicago, Ill., & 71 B'way, New York. Works, Chicago, Ill.; Milwaukee, Wis., & Scranton, Pa.
Beckley, A. J. Co., Garwood, N. J.
California Perforating Screen Co., Howard & Fremont, San Francisco, Cal.
Carbondale Machine Co., Carbondale, Pa.
Clinton Wire Cloth Co., 76 Beekman, New York; 237 Lake, Chicago, Ill.; Clinton, Mass., & Sears bldg., Boston, Mass.
Eastwood Wire Mfg. Co., Belleville, N. J.
Erdle & Schenck, Rochester, N. Y.
Harrington & King Perforating Co., 224 N Union, Chicago, Ill.
Johnston & Chapman Co., 1345 Carroll av, Chicago, Ill.
Littleford Bros., 453 E Pearl, Cincinnati, O.
Manhattan Perforated Metal Co., 237 Centre, New York
MERRITT & CO., 1024 Ridge av. Phila., Pa. (See adv. index, end of book)
Mundt, Charles & Sons, 443 Pearl, New York
Novelty Mfg. Co. (Also Embossed), Waterbury, Conn.
Quick, Jno. W., 221 1st, San Francisco, Cal.
San Francisco Pioneeer Screen Works (John W. Quick, Prop.), 221 1st, San Francisco, Cal.
Seibel-Suessdorf Copper & Iron Mfg. Co., St. Louis, Mo.
Stimpson, Edwin B. & Son, 31 Spruce, N. Y.

Petroleum Refiners

Gulf Refining Co., Frick bldg., Pitttsburg, Pa.

Petroleum & Its Products

American Oil Works (Ltd.), Titusville, Pa.
Atlantic Refining Co., Phila., Pa.
Climax Refining Co., Williamson bldg, Cleveland, O.
Columbia Oil Co., 13 William, New York
Continental Refining Co. (Ltd.), Oil City, Pa.
Cornplanter Refining Co., Warren, Pa.
Crew-Levick Co., Phila., Pa.
Crystal Oil Works, Oil City, Pa.
Emery Mfg. Co., Bradford, Pa.
Emlenton Refining Co., Emlenton, Pa.
Empire Oil Works, Oil City, Pa.
Germania Refining Co., Oil City, Pa.
Guffey, J. M. Petroleum Co., Frick bldg, Pittsburg, Pa.
Independent Refining Co. (Ltd.), Oil City, Pa.
INDIAN ASPHALT CO. (Crude Petroleum), Railway Exchange bldg, Chicago, Ill. (See adv. index, end of book)
Island Petroleum Co., Pittsburg, Pa.
Merchants Refining Co., Buffalo, N. Y.
Miller's, A. D. Sons Co., Allegheny, Pa.
National Refining Co., Cleveland, O.
Paragon Refining Co., Toledo, O.
Penn Refining Co., Oil City, Pa.
Pittsburg, Oil Refining Co., 429 1st av, Pittsburg, Pa.
Pure Oil Co., Manhattan bldg, Phila., Pa.
Seneca Oil Works, Warren, Pa.
Standard Oil Co., 26 B'way, New York
Sun Co., Tradesman's bldg, Pittsburg, Pa.
Tidewater Oil Co., 11 Broadway, New York
Titusville Oil Works, Titusville, Pa.
Union Petroleum Co., 138 S 2d, Phila., Pa.
Warren Refining Co., Warren, Pa.

Pew End Mfrs.

McMillen, R. Co., Oshkosh, Wis.
Moore Mfg. Co., Springfield, Mo.
Pierce, W. E. & Co., Milford, N. H.
STEARNS, A. T. LUMBER CO., Neponset & 166 Devonshire, Boston, Mass. (See adv. index, end of book)

Phonoscopic or Electric Detectors

Kinsman Electric & Railway Supply Co., 91 Liberty, New York

Phosphate Rock

Virginia-Carolina Chemical Co., Richmond, Va.

Phosphor Bronze

Damascus Bronze Co., Pittsburg, Pa.
Edna Smelting & Refining Co., 525 Reading rd, Cincinnati, O.
Great Western Smelting & Refining Co., 173 W Kinzie, Chicago, Ill.
Hungerford, U. T. Brass & Copper Co., 497 Pearl, N. Y.
Phosphor Bronze Smelting Co., 2200 Wash'n av, Philadelphia, Pa.
Reeves, Paul S. & Son, 1415 Catharine, Philadelphia, Pa.
Shimer, H. M. & Co., 19th & Wash'n av, Phila., Pa.

Phosphor Bronze Sheets

Phosphor Bronze Smelting Co., 2202 Wash'n av, Philadelphia, Pa.
Reeves, Paul S. & Son, 1413 Catherine, Philadelphia, Pa.

Phosphorizers

McCullough-Dalzell Crucible Co., Pittsburg, Pa.

Photographic Apparatus

QUEEN & CO. (Inc.), 1010 Chestnut, Phila., Pa., & 59 5th av, New York. (See adv. index, end of book)

Photometers

Bryan-Marsh Co., 141 Cedar, New York, & Monadnock blk, Chicago, Ill.
Connelly Iron Sponge & Governor Co. (Jones' Jet"), 395 B'way, New York
Electric Motor & Equipment Co., Newark, N. J.
Foote-Pierson & Co., 84 Fulton, N. Y.
QUEEN & CO., 1010 Chestnut, Phila., Pa.; 59 5th av, N. Y., & Monon bldg., Chicago, Ill. (See adv. index, end of book)
Willyoung, Elmer G., 11 Frankfort, N. Y.

Pickaroons

CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
Champion Tool & Handle Works, Evart, Mich.

Pickers (Bean)

Bacon Mfg. Co., Pontiac, Mich.

Pickers (Fruit)

WRIGHT WIRE CO. (Wire), Worcester, Mass. (See adv. index, end of book)

Pickets (Steel Fence)

Oliver Iron & Steel Co., Pittsburg, Pa.

Pickets (Wire Fence)

STOWELL MFG. & FOUNDRY CO., S Milwaukee, Wis. (See adv. index, end of book)

Pick Mfrs.

(See also Picks, Various Kinds.)

American Axe & Tool Co., Glassport, Pa., & 253 B'way, New York
Ames Plow Co., Quincy Hall, Boston, Mass.

Beaver Falls Mfg. & Fuel Co., Beaver Falls, Pa.
Chalfrant Mfg. Co., Lancaster, Pa.
Colclesser Bros., El Dorado, Pa.
Colllns Co., Collinsville, Conn.; 212 Water, New York
Eyeless Tool oC., 9 Murray, New York
Flndlay Axe & Tool Co., Flndlay, O.
Gerber, Louis & Sons, 70 Walter av, Pittsburg,
Gifford, Fred C., Waltham, Mass. Pa.
Harvey, H. H., 608 Atlantic av, Boston, Mass.
Heathcote, Thos., 829 Penn av, Allegheny, Pa.
Iron City Tool Works, Ltd., 32d & Smallman, Pittsburg, Pa.
Klein-Logan Co., Breed & S 13th, Pittsburg, Pa.
Oliver Iron & Steel Co., Pittsburg, Pa.
Peck Edge Tool Co., Cohoes, N. Y.
Plumb, Fayette R., c Tucker and Trenton av, Philadelphia, Pa.
Pollard, Jos. G., 141 Raymond, Brooklyn, N.Y.
Unlon Drop Forge Co., 66 E Ohio, Chicago, Ill.
Warwood Tool Co., Wheeling, W. Va.

Picks (Boiler)

Brewer Bros. (Wrought), 614 Filbert, Phila., Pa.
Stortz, John & Son, 210 Vine, Phila., Pa.

Picks (Clay)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Beaver Falls Mfg. & Fuel Co., Beaver Falls, Pa.
Findlay Axe & Tool Co., Findlay, O.
Hubbard & Co., 62 Butler, Pittsburg, Pa.
Iron City Tool Works (Ltd.), 32d & Smallman, Pittsburg, Pa.
Klein-Logan Co. (Ore & Rock), Breed & S 13th, Pittsburg, Pa.
Oliver Iron & Steel Co., Pittsburg, Pa.
Pittsburg Tool & Drop Forge Co. (Cheswick"), Arrott bldg, Pittsburg, Pa.; works, Cheswick, Pa.
Plumb, Fayette R. (Inc.), Frankford, Philadelphia, Pa.
Solid Steel Tool & Forge Co. ("S. T. S."), Farmers' Bank bldg, Pittsburg, Pa.
Union Drop Forge Co., 66 E Ohio, Chicago, Ill.

Picks (Coal, Locomotive Tender)

AMERICAN BRAKE SHOE & FOUNdry Co. ("Tropenas," Cast Steel), Mahwah, N. J. Branches, Western Union bldg, Chicago, Ill., & 170 B'way, New York

Picks (Contractors')

American Axe & Tool Co., Glassport, Pa., & 353 Bw'ay, New York
ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Atha Tool Co., Newark, N. J.
Findlay Axe & Tool Co., Findlay, O.
Iron City Tool Works, 32d & Smallman, Pittsburg, Pa.
Isle, O. W. & Son, Boston, Mass.
Klein-Logan Co., S 13th & Breed, Pittsburg, Pa.
KOPPEL, ARTHUR, 68 Broad, N. Y. (See adv. index, end of book)
Mack & Co. (Solid Edge, "Washoe" Pattern), Rochester, N. Y.
Oliver Iron & Steel Co., S 10th & Muriel, Pittsburg, Pa.
Pollard, Jos. G., 141 Raymond, Brookiyn, N.Y.
Solid Steel Tool & Forge Co. ("S. T. S."), Farmers' Bank bldg, Pittsburg, Pa.
Union Drop Forge Co., 66 E Ohio, Chicago, Ill.

Picks (Drifting)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Flndlay Axe & Tool Co., Findlay, O.
Hardsogg Mfg. Co., Ottumwa, Ia.
Hardsogg, Martln Mfg. Co., 922 South av, Allegheny, Pa.
Iron Clty Tool Works, 32d & Smallman, Pittsburg, Pa.
Klein-Logan Co., S 13th & Breed, Pittsburg, Pa.
Oliver Iron & Steel Co., Pittsburg, Pa.
Plumb, Fayette R. (Inc.), Frankford, Phila., Pa.
Solld Steel Tool & Forge Co. ("S. T. S."), Farmers' Bank bldg, Pittsburg, Pa.
Union Drop Forge Co., 66 E Ohio, Chicago, Ill.

Picks (Ice)

Dover Stamping & Mfg. Co., Cambridge, Mass.
Ducharmes & Co., Shelburne Falls, Mass.
Erie Specialty Co. (Walker's), Erie Pa.
Federal Mfg. Co., Elyria, O.
Franklin Specialty Co. ("Dandy" Nickel Plated, Hickory Handle), Reading, Pa.
Highton, Wm. & Sons, Nashua, N. H.
Hurwood Mfg. Co. ("Hurwood"), Bridgeport, Conn.
Snell Mfg. Co., Flshdale, Mass.
Smith, J. Barton Co., Norris & Hope, Phila., Pa.
Standard Tool Co., W Mansfield, Mass.
Stortz, John & Son (Also Ice Shavers), 210 Vine, Phila., Pa.
Stover Mfg. Co., Freeport, Ill.
Troy Nlckel Works (John E. Gaitley, prop'r.), ("Alaska" Nickel Plated Picks and Breakers), Albany, N. Y.

Picks (Locomotive Coal)

AMERICAN BRAKE SHOE & FOUNdry Co. (Cast Steel), Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)
Dayton Malleable Iron Co. (Malleable Iron, Points Ore Case Hardened), Dayton, O.
Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Solid Steel Tool & Forge Co. ("S. T. S."), Farmers' Bank bldg, Pittsburg, Pa.

Picks (Mattock)

(See Mattocks.)

Picks (Mill)

ANDERSON, W. H. & SONS, Detroit, Mich. See adv. index, end of book)
Bradley's, G. W. Sons (Mill Only), Westport, Conn.
Evansvllle Tool Works, Evansville, Ind.
Falls Mfg. Co., San Francisco, Cal.
Heartley Machine Variety, Iron & Tool Works, Toledo, O.
Higgins, John C. & Son, 169 W Kinzie, Chicago, Ill.
Kern, Amandus, Fleetwood, Pa.
Mack & Co., Rochester, N. Y.
Mohr, E. H., Vera Cruz, Pa.
Pollard, Jos. G., 141 Raymond, Brooklyn, N.Y.
Sprout, Waldron & Co., Muncy, Pa.
Stortz, John & Son, 210 Vine, Phila., Pa.

Picks (Mining)

American Axe & Tool Co., Glassport, Pa., & 253 B'way, New York
ANDERSON, W. H. & SONS (Coal), Detroit, Mich. (See adv. index ,end of book)
Beaver Falls Mfg. Fuel Co., Beaver Falls, Pa.
Evansvllle Tool Works, Evansville, Ind.
Flndlay Axe & Tool Co., Findlay, O.
Gllls, Jno. D. Sons, Phllipsburg, Pa.
Hardsocg, Martin Mfg. Co. (Ltd.), 922 South av, Allegheny, Pa.
Hubbard & Co. (Coal, etc.), 62d & Butler, Pittsburg, Pa.
Iron City Tool Works, 32d & Smallman, Pittsburg, Pa.
Jones & Laughlins Steel Co., Pittsburg, Pa.
Klein-Logan Co., Breed & S 13th, Pittsburg, Pa.
Oliver Iron & Steel Co., Pittsburg, Pa.
Pittsburg Tool & Drop Forge Co. ("Cheswick," Coal, etc.), Arrott bldg, Pittsburg, Pa.; works, Cheswick, Pa.
Plumb, Fayette R. (Inc.), Frankford, Philadelphia, Pa.
Solid Steel Tool & Forge Co. ("S. T. S."), Farmers' Bank bldg, Pittsburg, Pa.
Unlon Drop Forge Co. (Solid Steel Forged), 66 E Ohio, Chicago
Verona Tool Works, Verona, Pa., & Pittsburg, Pa.
Warwood Tool Co., Wheeling, W. Va.

Picks (Poll)

Findlay Axe & Tool Co., Findlay, O.
Evansville Tool Works, Evansville, Ind.
Hubbard & Co., 62d & Butler, Pittsburg Pa.
Iron City Tool Works, 32d & Smallman, Pittsburg, Pa.
Klein-Logan Co., S 13th & Breed, Pittsburg, Pa.
Oliver Iron & Steel Co., Pittsburg, Pa.
Plumb, Fayette R. (Inc.), Frankford, Phila., Pa.
Solid Steel Tool & Forge Co. ("S. T. S."), Farmers' Bank bldg, Pittsburg, Pa.

Picks (Railroad)

American Axe & Tool Co. (Adze, Eye, etc.), Glassport, Pa., & 253 B'way, New York
ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Evansville Tool Works, Evansville, Ind.
Eyeless Tool Co., 9 Murray, New York
Findlay Axe & Tool Co., Findlay, O.
Harvey, H. H., 606 Atlantlc av, Boston
Iron City Tool Works, 32d & Smallman, Pittsburg, Pa.
Isle, A. W. & Son, Boston, Mass.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Klein-Logan Co., Breed & S 13th, Pittsburg, Pa.
KOPPEL, ARTHUR, 68 Broad, N. Y. (See adv. index, end of book)
Oliver Iron & Steel Co., Pittsburg, Pa.
Pittsburg Tool & Drop Forge Co., Arrott bldg, Pittsburg, Pa. Works, Cheswick, Pa.
Plumb, Fayette R. (Inc.), Frankford, Phila., Pa.
Pollard, Jos. G., 141 Raymond, Brooklyn, N.Y.
Solid Steel Tool & Forge Co. ("S. T. S."), Farmers' Bank bldg, Pittsburg, Pa.
Union Drop Forge Co. (Solid Steel Forged), 66 E Ohio, Chicago, Ill.
Verona Tool Works, Verona, Pa., & Pittsburg, Pa.
Warwood Tool Co., Wheeling, W. Va.

Picks (Stone)

ANDERSON, W. H. & SONS (Mill) Detroit, Mich. (See adv. indcx, end of book)
Atha Tool Co., Newark, N. J.
Beaver Falls Mfg. & Fuel Co., Beaver Falls, Pa.
Black, H. B. & Co., Chester, Pa.
Evansville Tool Works, Evansville, Ind.
Heathcote, Thos., 829 Penna. av, Allegheny, Pa.
Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Iron Clty Tool Works, 32d & Smallman), Pittsburg, Pa.
Isle, A. W. & Son, 51 Pitt, Boston, Mass.
Klein-Logan Co., S 13th & Breed, Pittsburg, Pa.
Plumb, Fayette R. (Inc.), Frankford, Phlla., Pa.
Solid Steel Tool & Forge Co. ("S. T. S."), Farmers' Bank bldg, Pittsburg, Pa.

Picks (Surface)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Findlay Axe & Tool Co., Findlay, O.
Iron City Tool Works, 32d & Smallman, Pittsburg, Pa.
Oliver Iron & Steel Co., Pittsburg, Pa.
Plumb, Fayette R. (Inc.), Frankford, Phila., Pa.
Solid Steel Tool & Forge Co. ("S. T. S."), Farmers' Bank bldg, Pittsburg, Pa.

Picks (Tamping)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Iron City Tool Works, 32d & Smallman, Pittsburg, Pa.
Klein-Logan Co., Breed & S 13th, Pittsburg, Pa.
Oliver Iron & Steel Co., Pittsburg, Pa.
Pittsburg Tool & Drop Forge Co. ("Cheswick"), Arrott bldg, Pittsburg, Pa. Works, Cheswick, Pa.
Plumb, Fayette R. (Inc.), Frankford, Phila., Pa.
Solid Steel Tool & Forge Co. ("S. T. S."), Farmers' Bank bldg, Pittsburg, Pa.
Union Drop Forge Co., 66 E Ohio, Chicago, Ill.
Verona Tool Works, Verona, Pa., & Pittsburg, Pa.

Pig Copper

American Smelting & Refining Co., 71 B'way, New York
Frankel, J., 81 Fulton, New York
Hendricks Bros., 49 Cliff, New York

Pig Lead

(See also Lead Pipe & Sheet & Pig Lead.)

American Metal Co. (Ltd.), 52 B'way, N. Y.
American Smelting & Refining Co., 71 B'way, New York
Behr & Steiner, 81 Fulton, New York
Davol, John & Sons, 100 John, New York
Frankel, J., 81 Fulton, New York
Granby Mining & Smelting Co. (Pig Lead), St. Louis Mo. Works, Granby, Mo.
Hendricks Bros., 49 Cliff, New York
National Lead Co., 100 William, New York; 1510 State, Chicago, Ill., & Clark av & 10th, St. Louis, Mo.
Phelps, Dodge & Co., 99 John, New York
Raymond Lead Co., 51 W Lake, Chicago, Ill.
Trench, C. S. & Co., 81 Fulton, New York
Trotter, Nathan & Co., 36 N Front, Phila., Pa.
Vogelstein, L., 90 Wall, New York

Pig Zinc

American Smelting & Refining Co., 71 B'way, New York

*Pigments

Doggett, Stanley (Mfrs. Agt.), 101 Beekman, New York
International Acheson Graphite Co. (Graphite), Niagara Falls, N. Y.

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Vulcan Iron Works, 63 Milwaukee av, Chicago.

Pile Drivers (Pneumatic)

INGERSOLL-SERGEANT DRILL CO., The, 26 Cortlandt, New York. Offices, Old Colony bldg, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton blg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 1st av, Seattle, Wash.; Corestine bldg, Montreal, Canada; Mexico City, Calle 2a de Dolores No. 20, Mexico, D. F.; London, Eng., 114a Queen Victoria st; Paris, France, 51 Rue de la Chausee D'Antin· Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence st; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co.; Lima, Peru, W .R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv. index, end of book)

Pile Drivers (Railroad Car)

Beatty, M. & Sons, Wellard, Ontario, Can.
Industrial Works, Bay City, Mich.
Toledo Foundry & Machine Co., Toledo, O.
Vulcan Iron Works, 63 Milwaukee, Chicago, Ill., & Toledo, O.

Pile Drivers (Steam)

INGERSOLL-SERGEANT DRILL CO., The, 26 Cortlandt, New York. Offices, Old Colony bldg, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton blg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 1st av, Seattle, Wash.; Corestine bldg, Montreal, Canada· Mexico City, Calle 2a de Dolores No. 20, Mexico, D. F.; London, Eng., 114a Queen Victoria st; Paris, France, 51 Rue 'de la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence st; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co.; Lima, Peru W .R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv. index, end of book)
Vulcan Iron Works, 63 Milwaukee av, Chicago, Ill.

Pile Driving Contractors

Adams, J. H., 27 Lawn, Cleveland, O.
Armstrong & Latta, Land Title bldg, Phila., Pa.
Atlantic Gulf & Pacific Co., 220 Market, San Francisco, Cal., & Park Row bldg, N. Y.
Beaver Dam Lumber Co., Cumberland, Wis.
Blair, Robt. P., Sea Bright, N. J.
Blakeman, M. A., 985 Stratford ave., Bridgeport, Conn.
Burgeson, C. F., 811 S G, Tacoma, Wash
Butler Bros., New York Life bldg, St. Paul, Minn.
Cavanagh, Geo. H. ,116 Devonshire, Boston. Mass.
Chapman, A. F. & Co., White bldg, Buffalo N. Y.
Cheney, E. R. Co., 166 Devonshire, Boston, Mass.
Chicago & Great Lakes Dredge & Dock Co., Chamber of Commerce bldg., Chicago. Ill.
Costello & Neagle, Elmira, N. Y.
Cram, D. Henry, Powers st., S Boston, Mass.
Crimmins, Thos. E., 444 E 69th, New York
Cronin, Barth. S., 573 Clinton, Brooklyn, N. Y.
Dailey. J. A. & Son, 191 Transit, Providence, R. I.
Derry, Chas. T. & Co., 68 Devonshire, Boston, Mass.
Dubois, Henry Sons Co., 17 State, New York
Dupuis, A. J. Co., 15 Atwater, Detroit. Mich.
Enterprise Contracting Co., Bessemer bldg, Pittsburg, Pa.
Fath, C. H. & Son Construction Co., Cham of Com bldg, Cleveland, O.
Fitzsimons & Connell Co., Tacoma bldg, Chicago, Ill.
Fruin-Bambrick Construction Co., Chemical bldg, St. Louis, Mo.
Geiger & Zabriskie, 922 Court, Tacoma, Wash.
Ginzel Paving Co., Wyandotte, Mich.
Glandorf, C. H., 8th & Plum, Cinn., O.
Glenn, Benj., Pratt cor South, Baltimore, Md.
Gildersleeve, Alger C., 215 W 125th, N. Y.
Ginzel, Jno., Wyandotte, Mich.
Griffin, M. J., 104 Lafferty pl., Detroit, Mich.
Grisdale, Wm. C., Bay City, Mich.
Hanby, John H., 15 S 6th, Wilmington, N. C.
Harbrecht, Louis, 378 Plymouth av, Buffalo, N. Y.
Hathaway, J. E. & Co., Canal n 1st av, Milwaukee, Wis.
Hay, Allen, Nahant rd, Lynn, Mass.
Hayes, Geo. & Co., Boston, Mass.
Henhoeffer & Vaughan, Camden, N. J., & Wilmington, Del.
Humphreys, Geo., 135 W 9th, Brooklyn, N. Y.
Hunter, A. & Co., Arcade bldg, Providence, R.I.
JENKS, EDW. B. CO., 143 Liberty, New York. (See adv. index, end of book)
Jutte & Foley Co., Conestoga bldg, Pittsburg, Pa.
Kansas City Bridge Co., 412 Mass bldg, Kansas City, Mo.
Leh, Jeremiah H., S Michigan c Ganson, Buffalo, N. Y.
Love, Robt., Muskegon, Mich.
McCully, Wm. & Co., 509 Chestnut, St. Louis,
McDonald, C. I., House bldg, Pittsburg, Pa.
McGiffin, James, Fernandina, Fla.
McNally, Thos. Co., Bates & 2d av., Pittsburg, Pa.
McTighe, J. S., 274 Front, Memphis, Tenn.
Maloney, Thos., 1858 Forest av, Cincinnati, O.
Miller, Wm. L., 166 Devonshire, Boston, Mass.
Monks, Jno. & Sons, 82 Beaver, New York
Northern Ohio Paving & Construction Co., Case Library bldg, Cleveland, O.
Norton, F. A., 166 Devonshire, Boston, Mass.
Norton, Wm. A., 285 Dorchester av, Boston, Mass.
Palmer, L. G., Duluth, Minn.
Parks, Geo. & Sons, 217 15th, Buffalo, N. Y.
Ross, P. Sanford, 227 Wash'n, Jersey, City, N. J., & Savannah, Ga.
Ruggles, Thos. E., 95 Milk, Boston, Mass.
St. Louis Bridge & Iron Co. (Steam), 16 N 4th, St. Louis, Mo.
Sanford & Brooks Co., 21 S Gay, Baltimore, Md., & Norfolk, Va.
Sandford & Stillman Co., 26 Exchange pl, Jersey City, N. J.
San Francisco Bridge Co., San Francisco, Cal., & 21 Park Row, N. Y.
Scott, Thos. A. Co., New London, Conn.
Scully, John T. & Bro., 95 Milk, Boston, Mass.
Smalley, John L., Bay City, Mich.
Smith Construction Co., 2931 Eastern av, St. Louis, Mo.
Smith, L. P. & J. A. Co., 1038 Detroit, Cleveland, O.
Smith, Patrick, Williamson bldg, Cleveland, O.
Smith & Nelson, Muskegon, Mich.
Spearin & Preston, 17 Battery pl, New York
Staats, R. P. & J. H., 29 B'way, N. Y.
Standard Contracting Co., 63 Wade bldg, Cleveland, O.
Steers, Henry, Jr., 1 B'way, N. Y.
Steuding & Jakeway, Snohomish, Wash.
STEWART, JAS. & CO., Lincoln, Trust bldg, St. Louis, Mo.; Westinghouse bldg, Pittsburg, Pa.; North American Trust bldg, New York, & 319 N Charles, Baltimore, Md.
Strong, Chas. H. & Son, "The Cuyahoga," Cleveland, O.
Sweeten, B. F. & Son, Cooper & Delaware, Camden, N. J.
Terry, J. C., Fall River, Mass.
Trumbull, C. E. Co., 1121 Tremont bldg, Boston, Mass.
Van Anrooy, Wm., Holland, Mich.
Walsh, Jno. D., 397 Hancock, Brooklyn, N. Y.
Walsh, T. & A., 96 Water, N. Y.
Walworth Mfg. Co., 160 Oliver, Boston, Mass.
Waterhouse, C. R., Jr., 40 Park, New Haven, Conn.
Whitney Bros., Superior, Wis.
Zachan, August. Superior, Wis.

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(See Machinery, Pile Driving.)

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Pile Shoes

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MUNDY, J. S., 22 Prospect, Newark, N. J. (See adv. index, end of book)
McGookin, D. H. & Co., 1630 N 9th, Phila., Pa.
Toledo Foundry & Machine Co., 202 Cherry, Toledo, O.
Vulcan Iron Works, 63 Milwaukee av, Chicago, Ill.

Piles (Concrete)

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Raymond Concrete Pile Co., Merchants Loan & Trust Co., Chicago

Piling (Interlocking Sheet Steel)

Friestedt Interlocking Channel Bar Co., Tribune bldg, Chicago, Ill.
United States Steel Piling Co., 135 Adams, Chicago, Ill.
WITTEKIND, H., INTERLOCKING Sheet Piling Co., 28 E Jackson boul., Chicago, Ill. (See adv. opp. page)

Piling (Interlocking Sheet Wood)

WITTEKIND, H., INTERLOCKING Sheet Piling Co., 28 E Jackson boul., Chicago, Ill. (See adv. below)

Piling Lumber

(See Ties, Poles & Posts.)

Piling (Sheet)

Norfolk Creosoting Co., Norfolk, Va.
Wakefield Sheet Piling Co. (Triple Lap), Rookery bldg, Chicago, Ill.
WITTEKIND, H., INTERLOCKING Sheet Piling Co., 28 E Jackson boul., Chicago, Ill. (See adv. below)

Pin Staplers

HURD & CO., 304 Hudson, New York. (See adv. index, end of book)

Pinchers

Arcade Mfg. Co. (Cast Iron), Freeport, Ill.
Atha Tool Co. (Farriers, etc.), ft. of Chapel, Newark, N. J.
Columbian Hardware Company, Coe & Hamilton, Cleveland, O.; 14 Warren, N. Y., & 87 Michigan, Chicago, Ill.
Dicke Tool Co. (Farriers, etc.), Downers Grove, Ill.
Falls Mfg. Co., San Francisco, Cal.
Heller Bros. Co., 879 Mt. Prospect av, Newark, N. J.
National Novelty Corp. ("Brighton," Shoe, etc.), 826 B'way, New York
Peck, Stow & Wilcox Co. (all kinds), Southington, Conn.; Cleveland, O., & 27 Murray, N. Y.
Star Heel Plate Co., 63 Polk, Newark, N. J.
Vaughan & Bushnell Mfg. Co., 877 Carroll av, Chicago
Washington Tool Co. (Larson Combination, etc.),

Pinions

(See also Gears, also Gears & Pinions.)

AMERICAN BRAKE SHOE & FOUNdry Co. (Steel & Iron), Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)
Birmingham Iron Foundry, Derby, Conn.
Bliss, E. W. Co. (Pressed Steel), 19 Adams, Brooklyn, N. Y.
Chester Steel Casting Co., Chester, Pa., & 407 Sansom, Philadelphia, Pa.
Chicago Rawhide Mfg. Co., 75 E Ohio, Chicago, Ill., & 139 Congress, Boston, Mass.
Fairmount Machine Co., 22d & Wood, Phila., Pa.
Garrison, A. Foundry Co. (Haskin's Double Spiral), 9th & Bingham, Pittsburg, Pa.
Great Western Mfg. Co., Leavenworth, Kan.
Hogg, Geo. A. Iron & Steel Foundry, 24th & R. R., Pittsburg, Pa.
Holyoke Machine Co., Holyoke, Mass.
Horsburgh & Scott Co., 1246 Hamilton, Cleveland, O.
Mesta Machine Co., Lewis blk, Pittsburg, Pa.
New Process Raw Hide Co., 248 W Wash'n, Syracuse, N. Y.
NUTTALL, R. D. CO., Fayette & Garrison pl, Pittsburg, Pa.
Phila. Roll & Machinery Co. (Roll, etc.), S 23d & Washington av, Phila., Pa.
Pittsburg Steel Foundry, Pittsburg, Pa.
Poole Engineering & Machine Co. (Gearing), Woodberry Station, Baltimore, Md.
Pratt & Letchworth Co., Buffalo, N. Y.
Seaman-Sleith Co. (Roll, etc.), Pittsburg, Pa.
Taylor Iron & Steel Co., High Bridge, N. J.
Van Dorn & Dutton Co., 1796 E Madison av, Cleveland, O.
Vulcan Iron Works, Wilkesbarre, Pa.

Pinions (Combination Mill)

Birmingham Iron Foundry (The "McCoy"), Derby, Conn.

Pinions (Electric Railway)

(See Gears & Pinions.)

Pins (Belaying)

Boston & Lockport Block Co., 160 Commercial, Boston; 33 South, N. Y., & Lockport, N. Y.
CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
Dubuar, J. A. Mfg. Co., Northville, Mich.
Hicks, Chas. N., 226 South, N. Y.
Laughlin, Thos. Co., Portland, Me.
Marine Hardware & Equipment Co., South Portland, Me.
Oshkosh Tool Mfg. Co., Oshkosh, Wis.
UNION ELEVATOR & MACHINE CO., 144 Ontario, Chicago, Ill. (See adv. index, end of book)
Western Block Co. (Wood), Lockport, N. Y.
Wilcox, Crittenden & Co., Middletown, Conn.

Pins (Brake)

New Castle Forge & Bolt Co. ("Air Brake"), New Castle, Pa.
Scranton Bolt & Nut Co., Scranton, Pa., & 26 Broad, N. Y.
Solid Steel Tool & Forge Co., Farmers' ank bldg, Pittsburg, Pa.
Standard Bolt & Mfg. Co. (Air Brake Cars, etc.), Ft. Worth, Texas
Steel Car Forge Co., Pittsburg, Pa. Works, Elwood City, Pa.
Vulcanus Forging Co. (Air Brake), Cleveland, Ohio

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(See Links & Pins, Coupling.)

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Union Steel Co. (Steel), Carnegie bldg, Pittsburg, Pa.

Pins (Gate)

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Pins (High Tension)

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Pins (Insulator)

(See Cross Arms, Brackets, etc., Steel.)
(Also Cross Arms, Brackets & Pins, Wood.)

Pins (Knuckle)

New Castle Forge & Bolt Co., New Castle, Pa.
Scranton Bolt & Nut Co., Scranton, Pa., & 25 Broad, N. Y.
Solid Steel Tool & Forge Co. ("S. T. S."), Farmers' Bank bldg, Pittsburg, Pa.
Standard Bolt & Mfg. Co. (Air Brake), Ft. Worth, Texas

Pins (Rolling)

Sommer's, Jno. Son (Wooden), Newark, N. J.

Pins (Safety)

Consolidated Safety Pin Co., Bloomfield, N. J.

Pins (Special)

Blake & Johnson (Hair, etc., Brass Copper. Steel, Aluminum & German Silver), Waterbury, Conn.
Progressive Mfg. Co. (Steel, Copper, Brass. German Silver, etc.), Torrington, Conn.

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Pins (Taper)

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Cincinnati Screw & Tap Co., 2442 Beekman, Cincinnati, O.
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Hartford Machine Screw Co., Hartford, Conn.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Pittsburg Screw & Bolt Co., Pittsburg, Pa.
St. Louis Screw Co., 600 E Clarence, St. Louis, Mo.
Standard Screw Co., 2 N Canal, Chicago, Ill.
Western Automatic Machine Screw Co., Elyria, O
Worcester Machine Screw Co., Worcester, Mass.

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Pipe Bending Machines

(See Machines Pipe Bending.)

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American Foundry & Construction Co., Hazelwood av & B. & O. R. R., Pittsburg, Pa.
American Tube Works, 20 Gold, New York; Bourse bldg, Phila., Pa., & 95 Broad, Boston, Mass.
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Dow Portable Electric Co., Baintreec, Mass.
Farrell & Rempe Co., c N Sacramento & Carroll av, Chicago, Ill.
Harrisburg Pipe & Pipe Bending Co. (Iron, Copper & Brass), Harrisburg, Pa.
Kelly & Jones Co., 135 Water, Pittsburg, Pa.; 15 Park Row, N. Y., & 59 Clark, Chicago, Ill.; works, Greensburg, Pa.
McLeod Co., 75 Fulton, Chicago, Ill., & 95 Liberty, NewYork
National Pipe Bending Co. (Brass, Iron & Copper), New Haven, Conn.
Philadelphia Pipe Bending Works, 4129 N 5th, Phila, Pa.
Pittsburg Piping & Equipment Co. (up to 30 inches in diameter), Westinghouse bldg, Pittsburg, Pa.
Rempe Co. (Iron), N Sacramento & Carroll avs, Chicago, Ill.
SIMMONS, JOHN CO., 110 Centre, N. Y.
Vogt, Henry Machine Co., 10th & Ormsby av, Louisville, Ky.
Walworth Construction & Supply Co., 100 Pearl, Boston, Mass.
Whitlock Coil Pipe Co. (Iron, Brass & Copper), Hartford, Conn.

Pipe (Block Tin)

(See Also Lead Pipe & Sheet & Pig Lead.)

American Pipe Mfg. Co. (the Phipps), 114 N Broad, Philadelphia, Pa.
Blatchford, E. W. & Co., 70 N Clinton, Chicago, Ill.
Chadwick-Boston Lead Co., 162 Congress, Boston, Mass.
Colwell Lead Co., 63 Centre, N. Y.
Le Roy Shot & Lead Works, 261 Water
Lewis, Jno. T. & Co., 231 S Front, Phila., Pa.
National Lead Co., 100 William, New York, Branches in all prominent cities.
Robertson, Jas. Mfg. Co., 30 Hanover, Baltimore, Md.
Selby Smelting & Lead Co., San Francisco, Cal

Pipe Buckles

American Iron & Steel Mfg. Co., Lebanon, Pa.
Boston Bolt Co., 284 Franklin, Boston

Pipe (Cast Iron)

(See Cast Iron Pipe Mfrs. for Gas & Water Mains.)
(Also Cast Iron Soil Pipe Mfrs.)

Pipe (Cast Steel)

Penn Steel Casting & Machine Co. (from 6 inch up), Chester, Pa.
Seaboard Steel Casting Co., Chester, Pa.

Pipe Clamps (Steam Joint)

(See Clamps, Pipe.)

Pipe Coils

(See Pipe Bends & Coils.)

Pipe Cutting & Threading Machines

(See Machines, Pipe Cutting & Threading.)

Pipe (Enameled Water)

American Enamel Co. (Wrought Iron), Providence, R. I.

Pipe Fittings

(See Fittings, Steam Pipe, etc.)

Pipe (Galvanized Iron)

(See Pipe & Tube Mills.)

Pipe (Glass)

(See Glass Pipe Mfrs.)

Pipe (Grapple)

Schulte Bros. (For Lowering Pipe in Wells, etc.), Oregon, Mo.

Pipe Hangers

(See Hangers, Pipe.)

Pipe Holders

(See Holders, Pipe Nipple.)

Pipe (Hydraulic)

American Pipe Mfg. Co. (Phipps' Patent Iron Riveted Cement), 112 N Broad, Phila., Pa.
Best Mfg. Co., 25th & A. V. Ry., Pittsburg, Pa.; 39 Cortlandt, N. Y., & Phila., Pa.
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
Reading Iron Co., Reading, Pa.
Union Iron Works, Spokane, Wash'n.

Pipe (Hydraulic, Steel Riveted)

Abendroth & Root Mfg. Co. (from 16 B. W. G. to ½-inch thick), 99 John, N. Y., & Newburgh, N. Y.
AMERICAN SPIRAL PIPE WORKS ("Taylor's"), 1173 S. Paulina, Chicago, Ill.
Pollock, Wm. B. Co., Youngstown, O.
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.

Pipe (Iron, Lead & Tinned Lined)

Lamb & Ritchie (Lead & Tinned Lined), Cambridgeport, Mass.
Lead Lined Iron Pipe Co., Wakefield, Mass.

Pipe Joint Paste)

(See Cements, Pipe Joint.)

Pipe Joints (Flexible)

(See Joints, Flexible.)

Pipe (Lead)

(See Lead Pipe, Sheet & Pig Lead.)

Pipe (Lead, Tin Lined)

(See also Lead Pipe & Sheet & Pig Lead)

Bailey-Farrell Mfg. Co., 3d & Ross, Pittsburg, Pa.
Colwell Lead Co., 63 Centre, N. Y.
Le Roy Shot & Lead Wks., 261 Water, N. Y.
Lewis, Jno. T. & Bros. Co., 231 S Front, Phila., Pa.
National Lead Co., 100 William, N. Y. Branch in all prominent cities
Tatham & Bros., 82 Beekman, N. Y., & 223 S 5th, Phila., Pa.

Pipe (Loricated Water)

Safety Armorite Conduit Co., Bailey-Farrell bldg, Pittsburg, Pa. Works, Rankin, Station, Pa.

Pipe (Riveted Steel)

Allis-Chambers Co., New York Life bldg, Chicago, Ill. Works, Chicago, Milwaukee & Scranton, Pa.
Abendroth & Root Mfg. Co. (Spiral), 99 John, New York, & Newburgh, N. Y.
AMERICAN SPIRAL PIPE CO. (and Sheet Iron, "Taylor's"), 1173 S Paulina, Chicago, Ill., & 26 Cortlandt, New York
Carroll Iron Works (C. L. Bowes, Prop.), 719 Carroll av, Chicago, Ill.
Carroll-Porter Boiler & Tank Co., Empire bldg, Pittsburg, Pa. Works, Wellsville, O.
Columbiana Boiler Co., Columbiana, O.
Consolidated Pipe Co., Los Angeles, Cal .
CYCLOPEAN IRON WORKS (Jones & Harold), 402-404 Claremont av, Jersey City, N. J. (See adv. index, end of book)
D'Alene Coeur Hdw. Co., Wallace, Idaho
East Jersey Pipe Co., 71 B'way, N. Y.
Freeman, S. & Sons Mfg. Co., Racine, Wis.
Gillespie, T. A. Co., Westinghouse bldg, Pittsburg, Pa., & 71 B'way, New York
Girard Boiler & Mfg. Co., Girard, O.
Harrisburg Mfg. & Boiler Co., Harrisburg, Pa., & 95 Liberty, N. Y.
Hodge Boiler Works, Sumner n N Ferry, E. B., Boston, Mass.
King Bridge Co., Cleveland, O.
Koven, L. O. & Bro., 50 Cliff, N. Y.
Lacy Mfg. Co., Los Angeles, Cal.
Leffel, Jas. & Co., Springfield, O., & 120 Liberty, N. Y.
McAleenan Boiler Co., Peoria, Ill.
McNeil, Jas. & Bro. Co., Pittsburg, Pa.
Meehan Boiler & Construction Co., Lowellville, Ohio
MINNEAPOLIS STEEL & MACHIN-ery Co., Minneapolis, Minn. (See adv. index, end of book)
Montague, W. W. & Co., 309 Market, San Francisco, Cal., & Los Angeles, Cal.
Pelton Water Wheel Co., 127 Main, San Francisco, Cal., & 143 Liberty, New York
PETROLEUM IRON WORKS CO., Washington, Pa., & Farmers' Bank bldg, Pitttsburg, Pa. (See adv. index, end of of book)
Phoenix Iron Works, Portland, Oregon
Pollock, Wm. B. Co. (Hydraulic Riveted), Youngstown, O
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
Reeves Bros. Co., Alliance, O.
Riter-Conley Mfg. Co., 55 Water, Pittsburg Pa., & 39 Courtlandt, New York
San Francisco Bridge Co., San Francisco, Cal & 71 Park Row, N. Y.
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index end of book)
Schaw, Ingram, Batcher & Co., 219 J, Sacramento, Cal., & 26 Cortlandt, New York
Smith, Francis & Co., 83 Fremont, San Francisco, Cal.
Springfield Boiler & Mfg. Co., Springfield, Ill.,
Struthers-Wells Co., 26 Cortlandt, New York, & Pittsburg, Pa. Works, Warren, Pa.
STURTEVANT, B. F. CO. (Galvan-ized), Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S Clinton, Chicago, Ill.; 133 N 3d, Phila., Pa.; 131 Liberty, N. Y.; 147 Queen Victoria st, London, Eng. (See adv. index, end of book)
Thomson & Boyle Co., Los Angeles, Cal.
Union Iron Works, 222 Market, San Francisco, Cal.
Union Iron Works, Spokane, Wash.
Warren City Boiler Works, Warren, O.
Weigele Riveted Steel Pipe Works, Larimer & 30th, Denver, Colo.

Pipe (Spiral Lock Seam)

Lamb & Ritchie, Cambridgeport, Mass.

Pipe (Spiral Riveted)

Abendroth & Root Mfg. Co. (for pressures up to 300 lbs.), 99 John, New York, & Newburgh, N. Y.
AMERICAN FORGED STEEL Flange Co., 64 Wabash av, Chicago, Ill.
AMERICAN SPIRAL PIPE WORKS ("Taylor's" Steel), 1173 S Paulina & 26 Cortlandt, N. Y.
Beatty, M. & Sons, Welland, Ont., Can.
Carroll Iron Works (C. L. Bowes, Prop.), 719 Carroll av, Chicago, Ill.
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.

Pipe, Steel

(See Pipe & Tube Mills.)

Pipe Stocks & Dies

(See Stocks & Dies)

Pipe Straps

(See Straps, Pipe.)

Pipe Thawing Apparatus

French, S. K., Brooklyn, Mich.

Pipe Threading Machines

(See Machines, Pipe Cutting & Threading.)

Pipe Tongs

(See Tongs, Pipe.)

Pipe Vises

(See Vises, Pipe, etc.)

Pipe Welding

Rempe Co. (by Electricity), N Sacramento & Carroll avs, Chicago, Ill.

Pipe (Wood)

American District Steam Co., Lockport, N. Y.
Compton & Bogart, Wenatchee, Wash.
Excelsior Wooden Pipe Co. (Wooden Stave Pipe), San Francisco, Cal.
Michigan Pipe Co. (Improved Wyckoff), Bay City, Mich.
National Wood Pipe Co., 301 Market, San Francisco, Cal.
Puget Sound Pipe Co., Olympia, Wash'n.
Soderberg, J. A. & Co., Seattle, Wash'n
STEARNS, A. T. LUMBER CO., Ne-ponset, & 166 Devonshire, Boston, Mass. (See adv. index, end of book)
Williamsport Wooden Pipe Co., Williamsport, Pa.
Wyckoff A. & Son (Acid Proof), Elmira, N. Y.
Woods, G. R. Sons, Sheffield, Pa.

Pipe (Wood Fibre)

Fibre Conduit Co., Orangeburg, N. Y.

Pipe (Wrought Iron)

(See Pipe & Tube Mills.)
(Also Tubing, .Seamless Steel, Etc.)

Pipe (Wrought Iron, Cement Lined)

American Pipe Mfg. Co. (Phipp's Patent), 114 N Broad, Phila., Pa.

Pipe (Wrought Steel)

(See Pipe & Tube Mills.)

Pipe & Bends (Copper)

(See also Copper Coils.)

SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)

Pipe & Boiler Covering Mfrs.

(See Sub-classifications following.)
(For Jobbers in these Goods, see Mill & Factory Supplies.)
(Also Steam Fitters' Supplies & Specialties, Jobbers.)

Alliance Asbestos Mfg. Co. (Asbestos), Alliance, O.
American Asbestos Co., Minneapolis, Minn.
American Insulating Material Mfg. Co. (Granite Rock Wool), St. Louis, Mo.
Asbestos Felting Works, 79 Maiden lane, N. Y.
ASBESTOS & MAGNESIA MFG. CO., Land Title bldg, Phila. (See adv. index, end of book)
Barrett Mfg. Co., Land Title bldg, Philadelphia, Pa.; 17 Battery Pl, New York, & Merchants' Loan & Trust bldg, Chicago
Bonsall, Jos. & Son, 362 Northland av, Buffalo, N. Y.
Bowen & Martin, 112 S 2d, Phila., Pa.
Boyd, Jas. & Bro., 14 N 4th. Phila., Pa.
California Anti Caloric Co., 217 Mission, San Francisco, Cal.
Carey, Philip Mfg. Co. (Asbestos & Magnesia), Lockland, O.; 433 1st av, Pittsburg, Pa., & 118 Liberty, N. Y.
Chesterton, A. W. & Co. ("Rubberbestos," "Metalbestos" & Metallo Gum Core), 49 India, Boston, Mass.
Chicago Fireproof Covering Co., 18 N Canal, Chicago, Ill.
Fossil Meal Co., 2 Cedar, N. Y.
Franklin Mfg. Co. (Asbestos), Franklin, Pa.
Gast, F. J. (Asbestos Air Cell), 57 Dey, N. Y.
Gillen-Chambers Co. (Asbestos, etc.), Portland, Ore.
Gilmour, R. M. Mfg. Co., 105 John, New York
Hardy & Tierney (Asbestos & Hair Felt), 410 E 23d, N. Y.

Houghton, E. F. & Co. ("Virtue" Sectional Asbestos), 240 Somerset, Phila., Pa.
John, H. W.-Manville Co., 100 William, N. Y.
Johns, H. W.-Manville Co., 100 William, New York
Keasbey, Robt. A., 100 N Moore, N. Y.
Keasbey & Mattison Co. (Main Office & Works, Ambler, Pa.), 84 John, New York
Kramig, R. E. & Co. (Asbestos, etc.), 415 Pearl, Cincinnatl, O.
Lewis, W. F. Covering Co., 109 Fremont, San Francisco, Cal.
Lysle, R. Willis, 1420 Callowhill, Philadelphia, Pa.
McConnell Asbestos Co., Tradesmen's bldg, burg, Pa.
M'Dearmon & Co., 422 Sacramento, San Francisco, Cal.
Magnesla Coverlng Co., North American bldg, Philadelphla, Pa.
Manvllle Coverlng Co., 283 Pittman, Providence, R. I.
Midland Asbestos Co., Kansas Clty, Mo.
Monarch Asbestos Co., 411 Washington, N. Y. Factory, New Orange, N. J.
Mott, Frank B., 157 Orange, Providence, R. I.
New Jersey Asbestos Co., Camden, N. J.
New York Asbestos Mfg. Co., L. I. Clty, B. Q., N. Y., & 95 Llberty, N. Y.
Nightingale & Childs Co., 310 Congress, Boston, Mass.
Nonpareil Corks Work (Cork), 80 Hudson, New York
Norristown Coverlng Co. (Asbestos, etc.), Norristown, Pa.
Qulnlan, Jas. & Co., 120 Llberty, N. Y.
Sall Mountain Asbestos Mfg. Co., 99 Nassau, New York; 123 Ontario, Chicago, Ill., & Santee. Ga.
Selph, Jno. A. (Asbestos Magnesia), Richmond, Va.
Smlth, Thos. F. & Co., 16 Cedar, N. Y.
Springfield Asbestos Co., Springfield, Mass.
Standard Pipe Covering Co., 70 Marcelline av, Cleveland. O.
Sullivan, Peter, Jr., 183 Chrlstopher, N. Y.
Tralner, C. W. Mfg. Co., 89 Pearl, Boston, Mass.
Turner, Chas. A. ("Dolomite," Sectional, Plastic, Dry & Hot Blast, Cement Feltlng), 14 Market, Pittsburg, Pa.
Union Fiber Co. (Lith), Winona, Mlnn., & 143 Reed, Milwaukee, Wis.
UNITED STATES MINERAL WOOL CO. (Mlneral Wool), 143 Liberty, N. Y. (See adv. index, end of book)
Valleau-Costigan Mfg. Co., 184 N 8th, Brooklyn, N. Y.
Valleau, Thos. M., 192 West, N. Y.
WATSON, H. F. MFG. CO. (Asbestos), Erie, Pa.; 12 S Clinton, Chicago, Ill., & 233 Congress, Boston, Mass. (See adv. index, end of book)

Pipe & Boiler Coverings (Asbestos)

Alliance Asbestos Mfg. Co. (Rope & Wick), Alliance, O.
American Asbestos Co., Minneapolis, Minn.
Asbestos Felting Works, 79 Maiden lane, N. Y.
Asbestos Roofing & Covering Co., 202 N 12th, St. Louis, Mo.
ASBESTOS & MAGNESIA MFG. CO., Land Title bldg, Phila., Pa. (See adv. index, end of book)
Boston Fire-Proof Covering Co., 6 Portland, Boston, Mass.
Carey, Philip Mfg. Co., Lockland, O.; 433 1st av, Pittsburg, Pa., & 118 Liberty, N. Y.
Chicago Asbestos Mfg. Co., 78 W 22d pl, Chicago, Ill.
Chicago Fire Proofing Covering Co., 18 N Canal, Chicago, Ill.
Franklin Mfg. Co., Franklin, Pa.
Gilmour, R. M. Mfg. Co., 105 John, New York
Higgins, Francis T., 120 Hudson, N. Y.
Houghton, E. F. & Co. ("Virtue"), 240 Somerset. Phila.,Pa.
Johns, H. W.-Manville Co., 100 William, N. Y.; 171 Randolph, Chicago, Ill.; 77 Pearl, Boston, Mass.; 23 N 2d, Phila., Pa.; 217 Clybourn av, Milwaukee, Wis.; 14 S Water, Cleveland, O.; 220 1st av, Pittsburg, Pa.; 217 Magazine, New Orleans, La.; 916 N B'way, St. Louis, Mo.; Billister bldgs, London, Eng.
Keasbey & Mattison Co. (Moulded). Main Office & Works, Ambler, Pa. Branches, 84 Johnfi New York; 208 Lake, Chlcago, Ill.; 154 Pearl, Boston, Mass.; 1111 14th, N W, Washington, D. C.; 10 N Forsyth, Atlanta, Ga.; 214 S Peters, New Orleans, La.; Granite blk, St. Louis, Mo.; 117 Water, Cleveland, O.; 528 Main, Cincinnati, O.; 187 Liberty av, Pittsburg, Pa.; 350 E Water, Milwaukee, Wis.; 307 S 6th, Minneapolis, Minn.; 325 W Michigan, Duluth, Minn., & 18 E 3d, St. Paul, Minn.
McConnell, John A. & Co., Tradesmen's bldg, Pittsburg, Pa.
Monarch Asbestos Co., 411 Wash'n, N. Y. Factory, New Orange, N. J.
New Jersey Asbestos Mfg. Co., Camden, N. J.,
New York Asbestos Mfg. Co., Ravenswood, Long Island City, N. Y., & 95 Liberty, N. Y.
Norristown Covering Co. (Ltd.), Norristown, Pa.
Sall Mountain Asbestos Mfg. Co., 99 Nassau, New York
Springfield Asbestos Co., Springfield, Mass.
Standard Pipe Covering Co., 70 Marcelline av, Cleveland, O.
Tralner, C. W. Mfg. Co., 89 Pearl, Boston, Mass.
Union Fiber Co., Winona, Mlnn., & 143 Reed, Milwaukee, Wis.
Valleau-Costigan Mfg. Co., 184 N 8th, Brooklyn, N. Y.
WATSON, H. F. CO., Erie, Pa.; 12 S Clinton, Chicago, & 233 Congress, Boston, Mass. (See adv. Index, end of book)

Pipe & Boiler Coverings (Cement)

Alliance Asbestos Mfg. Co. (Cement Feltlng), Alliance, O.
ASBESTOS & MAGNESIA MFG. CO., Land Title bldg, Phila., Pa. (See adv. index, end of book)
Chicago Fire Proof Covering Co., 18 N Canal, Chicago, Ill.
Gilmour, R. M. Mfg. Co., 105 John, New York
Johns, H. W.-Manville Co., 100 William, N. Y.; 171 Randolph, Chicago, Ill.; 77 Pearl, Boston, Mass.; 23 N 2d, Phila., Pa.; 217 Clybourn av, Milwaukee, Wis.; 14 S Water, Cleveland, O.; 220 1st av, Pittsburg, Pa.; 217 Magazine, New Orleans, La.; 916 N B'way, St. Louis, Mo.; Billister bldgs, London, Eng.
Keasbey, Robert A., 100 N Moore, N. Y.
Smith, Thos. F. & Co., 16 Cedar, New York
WATSON, H. F. CO., Erie, Pa.; 12 S Clinton, Chicago, Ill., & 233 Congress, Boston, Mass. (See adv. index, end of book)

Pipe & Boiler Coverings (Cork)

Armstrong Cork Co., 23d & tbRiver, Pittsburg, Pa.
Nonpareil Cork Works, 80 Hudson, New York

Pipe & Boiler Coverings (Felt)

American Asbestos Co., Minneapolis, Minn.
ASBESTOS & MAGNESIA MFG. CO., Land Title bldg, Phila., Pa. (See adv. index, end of book)
Carey, Phllip Mfg. Co., Lockland, O.
Chicago Fire Proof Covering Co., 18 N Canal. Chicago, Ill.
Johns, H. W.-Manville Co., 100 William, N. Y.; 171 Randolph, Chicago, Ill.; 77 Pearl, Boston, Mass.; 23 N 2d, Phlla., Pa.; 217 Clybourn av, Milwaukee, Wis.; 14 S Water, Cleveland, O.; 220 1st av, Pittsburg, Pa.; 217 Magazine, New Orleans, La.; 916 N B'way, St. Louls, Mo.; Billister bldgs, London, Eng.
Keasbey, Robert A. Co., 100 N Moore, New York
Nott, W. S. Co., Minneapolis, Minn.
Smith, Thos. F. & Co., 16 Cedar, New York
Trainer, C. W. Mfg. Co. (Wool), 89 Pearl, Boston, Mass.
WATSON, H. F. CO., Erie, Pa.; 12 S Clinton, Chicago, Ill., & 233 Congress, Boston, Mass. (See adv. index, end of book)

*Pipe & Boiler Coverings (Fossil Meal)

Fossil Meal Co. (A. Giesse), 2 Cedar, New York
Smith, Thos. F. & Co., 16 Cedar, New York

Pipe & Boiler Coverings (Magnesia)

ASBESTOS & MAGNESIA MFG. CO., Land Title bldg, Phila., Pa. (See adv. index, end of book)
Carey, Philip Mfg. Co., Lockland, O.; 433 1st av, Plttsburg, Pa., & 118 Liberty, N. Y.
Johns, H. W.-Manville Co., 100 William, N. Y.; 171 Randolph, Chicago, Ill.; 77 Pearl, Boston, Mass.; 23 N 2d, Phila., Pa.; 217 Clybourn av, Milwaukee, Wis.; 14 S Water, Cleveland, O.; 220 1st av, Pittsburg, Pa.; 217 Magazine, New Orleans, La.; 916 N B'way, St. Louis, Mo.; Billlster bldgs, London, Eng.
Keasbey & Mattison Co. (Sectional). Main Office & Works, Ambler, Pa. Branches, 84 John, New York; 208 Lake, Chicago, Ill.; 154 Pearl, Boston, Mass.; 1111 14th, N W, Washington, D. C.; 10 Forsyth, Atlanta, Ga.; 214 S Peters, New Orleans, La.; Granite blk, St. Louis, Mo.; 117 Water, Cleveland, O.; 528 Main, Cincinnati, O.; 187 Liberty av, Pittsburg, Pa.; 350 E Water, Milwaukee, Wis.; 07 S 6th, Minneapolis, Minn.; 325 W Michigan, Duluth, Minn., & 18 E 3d, St. Paul, Minn.

Pipe & Boiler Coverings (Mineral Wool)

American Insulating Materlal Mfg. Co., St. Louis. Mo.
Columbla Mlneral Wool Co., 112 Clark, Chicago, Ill. Works, So. Milwaukee, Wis.
Union Fiber Co., Winona, Mlnn.
UNITED STATES MINERAL WOOL CO. (Mineral Wool), 143 Liberty, N. Y. (See adv. index, end of book)

Pipe & Fittings (Wrought Iron) Dealers

(See Steam Fitters' Supplies.)

Pipe & Flue Balls

Adams, S. Jarvis Co., 14th & Etna, Plttsburg, Pa.

Pipe & Tube Mills

Aermotor Co. (Wrought Iron Pipe) (capacity 175 tons), W 12th & Rockwell av, Chicago
Byers, A. M. & Co. Pittsburg, Pa.
Coatesville Rolling Mill Co. (Boiler Tubes), Coatesville, Pa.
Cohoes Rolling Mill Co. (Wrought Iron Pipe), Cohoes, N. Y.
CRANE CO. EST. 1855. CHICAGO, New York, Philadelphia, St. Louis, Kansas City, Mo.; Sioux, City, Omaha, Los Angeles, San Francisco, Portland, Oreg.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Harrisburg Pipe & Pipe Bending Co. (Pipe), Harrisburg, Pa.
La Belle Iron Works (Pipe & Tubes), Steubenville, O.
Longmead Iron Co. (Black & Galvanized Pipe), Conshohocken, Pa.
Mark Mfg. Co., Evanston, Ill.;Zanesville, O., & Chicago, Ill.
Monongahela Tube Co. (Iron & Steel Boiler Tubes), Ferguson blk., Pittsburg, Pa. Works, Wilson, Pa.
Moorhead Bros. & Co. (Inc.) (Iron Pipe), Sharpsburg, Pa.
Pittsburg Seamless Tube Co. (Seamless Boiler Tubes), Arrott bldg, Pittsburg, Pa.
Pittsburg Tube Co., 326 4th av, Pittsburg, Pa.
Reading Iron Co. (Pipe & Tubes), Reading, Pa.
Seamless Steel Tube Co. (Boiler Tubes), Detroit, Mich.
Shelby Steel Tube Co. (Seamless Steel Tubing), Empire bldg, Cleveland, O., & 94 Fulton, N. Y.
South Chester Tube Co. (Pipe), Chester, Pa.
Spang, Chalfant & Co. (Pipe & Tubes). Pittsburg, Pa.

Susquehanna Iron & Steel Co., Columbia, Pa.
Tyler Tube & Pipe Co., Washington, Pa., & 26 Cortlandt, N. Y.
Western Tube Co. (Iron & Steel Pipe & Tubes), Kankakee, Ill. Sales Offices, 204 Dearborn, Chicago, Ill.; 15 Park row, N. Y.; Security bldg., St. Louis, Mo.; Lumber Exchange, Minneapolis, Minn.; Mills bldg., San Francisco, Cal., & Tulane-Newcombe bldg., New Orleans, La.
Wheeling Steel & Iron Co. (Wrought Iron & Steel Pipe, Capacity 400 Tons), Wheeling, W. Va.
Worth Bros. Co. (Lap Welded, Charcoal Iron, Boiler Tubes), Coatesville, Pa.
Youngstown Iron Sheet & Tube Co. (Iron & Steel Pipe & Boiler Tubes, from ⅝ to 8-inch), Youngstown, O.

Pipes (Blow)

(See Blow Pipes & Brazing Apparatus.)

Pipes (Flush & Supply)

Edwardsville Brass Co., Edwardsville, Ill.
Haines, Jones & Cadbury, 1136 Ridge av., Phila., Pa.
Milwaukee Brass Mfg. Co. (Bath & Basin Cock Supply Pipes, etc.), Milwaukee, Wis.
Mullaney's, Jas. Son, 25th c Lex av, N. Y.
Salem Brass & Iron Mfg. Co., Salem, N. J.
Sanitary Co., 7 Water, Cleveland, O.
Scully, W. J. Mfg. Co.

Pipettes

Wagner Glass Works ("Wagner" Up to Date & Russian), 965 E 132d, New York

Piping (High Pressure)

Best Mfg. Co., 25th & A. V. Ry., Pittsburg, Pa.
Burlingame, A. Co., Worcester, Mass.
Kroeschell Bros. Co., 55 Erie, Chicago, Ill.
McLeod Co., 75 Fulton, Chicago, Ill., & 95 Liberty, New York
Merrill Co., 19 Pearl, Boston, Mass.
Miller, W. H. Co., Columbus, O.
Pittsburg Piping & Equipment Co., Westinghouse bldg, Pittsburg, Pa.
Pittsburg Valve, Foundry & Construction Co., 5th & Duquesne way, Pittsburg, Pa.
Van Blarcom, C. W. & Co., 108 Fulton, New York

Pitch (Paving & Roofing)

(See also Coal Tar Products.)

Amitage Mfg. Co., 3200 Williamsburg av, Richmond, Va.
Barber Asphalt Paving Co., Land Title bldg, Phila., Pa.; 114 Liberty, New York; Stock Exchange bldg, Chicago, Ill. Refineries, Phila., Pa.; Long Island City, N. Y.; Maurer, N. J.; Washington, D. C., & New Orleans, La.
Barrett Mfg. Co., Land Title bldg, Phla., Pa.; Merchants' Loan & Trust bldg, Chicago, Ill.; 17 Battery pl, New York; Cleveland, O.; Kansas City, Mo.; St. Louis, Mo.; Cincinnati, O.; Pittsburg, Pa.; Minneapolis, Minn., & New Orleans, La.
Buchanan-Foster Co., Drexel bldg, Phila., Pa.
Carey, Philip Mfg. Co. (Asbestos Roofing), Lockland, O.
Chapman & Soden, 410 Atlantic av, Boston, Mass.
Chatfield & Woods Co. (Mfrs.), 347 W 4th, Cincinnati, O.
Coal Tar Product Co., 71 Commerce, Brooklyn, N. Y.
Ford Mfg. Co., 731 S Ashland av, Chicago, Ill.
Lewis Roofing Co., Rock Island, Ill.
McClintock & Irvine Co., Pittsburg, Pa.
Martin, W. A. & Co. (Pine), Wilmington, N. C.
Nashville Chemical Co., 319 N Front, Nashville, Tenn.
National Coal Tar Co., 100 William, New York
Rankin, W. H. Co., Elizabeth, N. J.
Schoellkopf, Hartford & Hanna Co., Buffalo, N. Y., & 100 William, New York
Sillman & Godfrey Co., Bridgeport, Conn.
Southern Roofing Co., Atlanta, Ga.
Trinidad Asphalt Mfg. Co., 320 S 21st, St. Louis, Mo.
Warren Bros. Co., 93 Federal, Boston, Mass., 253 B'way, New York

Planers (Buzz)

(See also Planers, Wood.)

American Wood Working Machine Co., 136 Liberty, N. Y.; Williamsport, Pa., & 45 S. Canal, Chicago, Ill.
Baker Bros., Toledo, O.
Berlin Machine Works, Beloit, Wis.; 60 S Canal, Chicago; 226 Market, San Francisco, Cal., & 85 Liberty, N. Y.
Carey, W. W., Lowell, Mass.
Colladay, Jos., 626 Race, Phila., Pa.
Cordesman Machine Co., 25 Butler, Cincinnati, Ohio
Crescent Machine Co., Leetonia, O.
Dennis Machine Co., Jackson, Mich.
Frank Machinery Co., 50 Mechanic, Buffalo, N. Y.
Garvin Machine Co., 137 Varick, New York
Hobbs Mfg. Co., Worcester, Mass.
Holmes, E. & B. Machinery Co., Buffalo, N. Y.
Moshannon Mfg. Co., Philipsburg, Pa.
Oliver Machinery Co., Grand Rapids, Mich.
Smith, H. B. Machine Co., Smithville, N. J., & 121 Liberty, N. Y.
Union Iron Works, Bangor, Me.
United States Machine Co. (Or Hand Jointer), Williamsport, Pa.
Woods, S. A. Machine Co., 445 Dorchester av, Boston, Mass.

Planers (Frog & Switch)

Fitchburg Machine Works, Fitchburg, Mass.
Flather, Mark Planer Co., Nashua, N. H.
Niles-Bement-Pond Co., 136 Liberty, New York. Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Woodworth & Powell Planer Co., Worcester, Mass.

Planers (Gear)

Gleason Works, Rochester, N. Y.

Planers (Hand & Foot Power)

Porter, C. O. & A. D. (Hand), Grand Rapids, Mich.
Shepard Lathe Co., 129 W 2d, Cincinnati, O.

Planers (Metal Working)

American Foundry & Machine Co. (Open Side), Hanover, Pa.
American Tool Works Co., 6th & Eggleston, Cincinnati, O.
Belmer Machine Tool Co. (30-inch & upward), 2834 Western av, Cincinnati, O.
Betts Machine Co., Wilmington, Del.
Blaisdell, P. & Co., Worcester, Mass.
Cincinnati Planer Co. (24-60 Inches), c Harrison av & Buck, Cincinnati, O.
Cleveland Punch & Shear Works Co., 156 Case av, Cleveland, O.
Costillo, J. E., 60 Centre, New York
Detrick & Harvey Machine Co., 508 E Preston, Baltimore, Md.
Fitchburg Machine Works, Fitchburg, Mass.
Flather, Mark Planer Co. (Heavey, etc.), Nashua, N. H.
Garvin Machine Co., 137 Varick, New York
Gleason Works (Gear), Rochester, N. Y.
Gould & Eberhardt, Newark, N. J.
Gray, G. A. Co., Gest c Depot, Cincinnati, O.
Harrington, Edwin Son & Co., 1505 Penna. av, Philadelphia, Pa.
Hendey Machine Co., Torrington, Conn.
Hilles & Jones Co., Wilmington, Del.
Hodgkins, C. A. Co., Marlboro, N. H.
Lane Tool Co., 1196 Hamilton, Cleveland, O.
MANNING, MAXWELL & MOORE, 85, 87, 89 Liberty, New York; 721 Arch Phila., Pa.; 22, 24, 26 S Canal, Chicago, Ill.; Park bldg, Pittsburg, Pa.; Williamson bldg, Cleveland, O., & 128 Oliver, Boston, Mass. (See adv. index, end of book)
Morton Mfg. Co. (Portable), Muskegon Heights, Mich.
New Haven Mfg. Co., New Haven, Conn.
Niles-Bement-Pond Co., 136 Liberty, New York. Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Ohio Machine Tool Co., Kenton, O.
Pittsburg Machine Tool Co., Allegheny, Pa.
Pond, L. W. Machine Co., Worcester, Mass.
Pratt & Whitney Co., Hartford, Conn.
Putnam Machine Co., Fitchburg, Mass.
Reed, J. B., Cairo, Ill.
Ridgeway Machine Tool Co., Ridgeway, Pa.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Philadelphia, Pa.
Whitcomb Mfg. Co., Worcester, Mass.
Whiting, Baxter D. & Son, Winchendon, Mass.
Wilson, W. A. Machine Co., c River & Water, Rochester, N. Y.
Woodward & Powell Planer Co., Worcester, Mass.

Planers (Open Side)

Detrick & Harvey Machine Co., Baltimore, Md.
Niles-Bement-Pond Co., 136 Liberty, New York. Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.

Planers (Plate)

Cleveland Punch & Shear Works Co., 156 Case av, Cleveland, O.
Detrick & Harvey Machine Co. (Also Open Side Extension), Baltimore, Md.
Hilles & Jones Co., Wilmington, Del.
Niles-Bement-Pond Co., 136 Liberty, New York. Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Philadelphia, Pa.

Planers (Pony)

(See also Planers, Wood.)

American Woodworking Machine Co., 136 Liberty, N. Y.; Williamsport, Pa., & 45 S Canal, Chicago, Ill.
Connell & Dengler Machine Co., Rochester, N. Y.
Cordesman Machine Co., 27 Butler, Cincinnati, Ohio
De Loach Mill Mfg. Co., Atlanta, Ga.
Fay, J. A. & Egan Co., c Front & John, Cincinnati, O.
Frank Machinery Co., 50 Mechanic, Buffalo, N. Y.
Hobbs Mfg. Co., Worcester, Mass.
Holmes, E. & B. Machinery Co., Buffalo, N. Y.
Lane Mfg. Co., Montpelier, Vt.
Power, L. & Co., 20 S 23d, Phila., Pa.
Union Iron Works, Bangor, Me.

Planers (Rail)

Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Philadelphia, Pa.

Planers (Rotary)

Cleveland Punch & Shear Works Co., 156 Case av, Cleveland, O.
Keystone Machine Tool Works, 1037 Ridge av, Phila., Pa.
Newton Machine Tool Co. (Inc.), 2343 Vine, Philadelphia, Pa.
Niles-Bement-Pond Co., 136 Liberty, New York. Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
PEDRICK & AYER CO. (Valve Seat), 85, 87, 89 Liberty, New York, N. Y. Works, Plainfield, N. J.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Philadelphia, Pa.
Whiting, Geo. Co., 428 N Halsted, Chicago, Ill.

Planers (Slate)

(See also Machinery, Slate.)

Flory, S. Mfg. Co., Bangor, Pa.
Ruggles Machine Co., Poultney, Vt.

Planers (Stave)

(See Barrel Machinery.)

Planers (Stone)

(See also Machinery, Stone Working.)

Birmingham Iron Foundry, Derby, Conn.
Farrell Foundry & Machine Co., Ansonia, Conn.
Lincoln Iron Works (Gilmour, etc.), Rutland, Vt.
New Albany Mfg. Co., New Albany, Ind.
Patch, F. R. Mfg. Co., Rutland, Vt.
United States Rapid-Fire Gun & Powder Co., Derby, Conn.
Woodward & Powell Planer Co. (Sandstone, etc.), Worcester, Mass.

Planers (Wood)

American Wood Working Machine Co., 136 Liberty, N. Y.; 45 S Canal, Chicago, & Williamsport, Pa.
Atlantic Works (Inc.), 28th & Grays Ferry rd, Phila., Pa.
Bentel & Margedant Co., Hamilton, O.
Berlin Machine Works, Beloit, Wis.; 85 Liberty, New York; 60 S Canal, Chicago, & 226 Market, San Francisco, Cal.
Colladay, Jos. O., 653 Race, Philadelphia, Pa.
Cordesman Machine Co., 27 Butler, Cincinnati, Ohio
De Loach Mill Mfg. Co., Atlanta, Ga.
Fay, J. A. & Egan Co., c Front & John, Cincinnati, O.
Frank Machinery Co., 50 Mechanic, Buffalo, N. Y.
Greaves, Klusman & Co., Cook c Alfred, Cincinnati, O.
Hall & Brown Wood Working Machine Co., St. Louis, Mo.
Hobbs Mfg. Co., Worcester, Mass.
Hodgkins, C. & A. Co., Marlboro, N. H.
Holmes, E. & B. Machinery Co., 59 Chicago, Buffalo, N. Y.
Humphrey Machine Co., Keene, N. H.
Indiana Machine Works Co., Ft. Wayne, Ind.
Lane Mfg. Co., Montpelier, Vt.
Lovell, F. S. Machine Works, Fitchburg, Mass.
Niles-Bement-Pond Co., 136 Liberty, New York. Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Power, L. & Co., 20 S 23d, Philadelphia, Pa.
Pryibil, P., 512 W 41st, New York
Putnam Machine Co., Fitchburg, Mass.
Salem Iron Works (Inc.), Salem, N. C.
Seymour & Whitlock (or Hand Feed Jointing), Newark, N. J.
Smith, H. B. Machine Co., Smithville, N. J., & 121 Liberty, N. Y.
STRONG, CARLISLE & HAMMOND CO., 61 Frankfort, Cleveland, O. (See adv. index, end of book)
Trevor Mfg. Co., Lockport, N. Y.
Union Iron Works, Bangor, Me.
White, John A. & Co., Dover, N. H.
Whitney, Baxter D. & Son, Winchendon, Mass.
Woods, S. A. Machine Co., 445 Dorchester, Boston, Mass.
Yerkes & Finan Wood Working Machine Co., St. Louis, Mo.

Planers & Matchers

American Wood Working Machine Co., 136 Liberty, N. Y.; Williamsport, Pa., & 45 S Canal, Chicago, Ill.
Atlantic Works (Inc.), 28th & Grays Ferry rd, Phila., Pa.
Bentel & Margedant Co., Hamilton, O.
Berlin Machine Works, Beloit, Wis., & 85 Liberty, New York
Cordesman Machine Co., 25 Butler, Cincinnati, O.
Fay, J. A. & Egan Co., c Front & John, Cincinnati, O.
Greaves, Klusman & Co., c Cook & Alfred, Cincinnati, O.
Hobbs Mfg. Co., Worcester, Mass.
Holmes, E. & B. Machinery Co., Buffalo, N. Y.
Indiana Machine Works Co., Ft. Wayne, Ind.
Lane Mfg. Co., Montpelier, Vt.
Power, L. & Co., 20 S 23d, Phila., Pa.
Putnam Machine Co., Fitchburg, Mass.
Salem Iron Works (Wood), Salem, N. C.
Smith, H. B. Machine Co., Smithville, N. J., & 121 Liberty, New York
Woods, S. A. Machine Co., 445 Dorchester av, Boston, Mass.
Yerkes & Finan Woodworking Machine Co., St. Louis, Mo.

Planes

Chapin-Stephens Co. (Bench, Ship Moulding & Grooving), Pine Meadow, Conn.
Doscher Plane & Tool Co. (Bench, etc.), Saugatuck, Conn.
Gage Tool Co., Vineland, N. J.
Mack & Co. ("D. R. Barton"), Rochester, N. Y.
Ohio Tool Co. (Iron & Wood), Columbus, O.
Royal Equipment Co. (Squaring for Carpenters. Pattern Makers, etc.), Bridgeport, Conn.
Sandusky Tool Co. (Bench, etc.), Sandusky, O.
Sargent & Co., New Haven, Conn., 151 Leonard, N. Y
Smith, Otis A. (Falcs Patent, Bench), Rockfall, Conn
Stanley Rule & Level Co., New Britain, Conn., & 107 Chambers, New York
Tower & Lyon Co. (Iron "Towers Perfection"), 95 Chambers, N. Y.
White, L. & I. J. Co. (Iron), Buffalo, N. Y.

Planimeters

ASHCROFT MFG. CO., THE ("Amsler"), 85, 87 & 89 Liberty, New York; 22, 24 & 26 S Canal, Chicago, Ill., & Bridgeport, Conn.
Buffalo Indicator Co., Jamestown, N. Y.
Bushnell, Jno. S. Co., 126 Liberty, New York
Crosby Steam Gage & Valve Co., 97 Oliver, Boston, Mass.; 21 W Lake, Chicago, & 78 John. New York
Robertson, Jas. L. & Sons ("The Willis"), 204 Fulton, New York
Star Brass Mfg. Co., 103 E Dedham, Boston, Mass.
Thompson, Richard & Co., 126 Liberty, N. Y.
Union Steam Specialty Co. (The Lippincott "Simplex"), Scranton, Pa.

Planters (Bean & Pea)

Allen, S. L. & Co. (Planet, Jr.), 1017 Market, Phila., Pa.
American Harrow Co., Detroit, Mich.
Bateman Mfg. Co., Grenloch, N. J.
Caledonia Bean Harvester Co. (Bean), Caledonia, N. Y.
Deere & Mansur Co., Moline, Ill.
Gale Mfg. Co. (Bean & Pea), Albion, Mich.
Greenville Planter Co. (Hand Bean), Greenville, Mich.
Moline Plow Co. (Bean), Moline, Ill.
Stoddard Mfg. Co., Dayton, O.
WARSAW ELEVATOR CO. ("Benham"), Warsaw, N. Y., & Erie Co. Bk. bldg., Buffalo, N. Y. (See adv. index, end of book)
White, S. R. & Bro. (Pea), Norfolk, Va.
Wiard Plow Co. (Bean), Batavia, N. Y.

Planters (Beet)

Allen, S. L. & Co., 1017 Market, Phila., Pa.
Bateman Mfg. Co., Grenloch, N. J.
Deere & Mansur Co., Moline, Ill.
Gale Mfg. Co., Albion, Mich.
Morrison Mfg. Co., Ft. Madison, Ia.
Vine & Root Machinery Co., Port Huron, Mich.

Planters (Corn)

American Harrow Co., Detroit, Mich.
American Seeding Machine Co. Main Office, Springfield, O. Works, Louisville, Ky.; Macedon, N. Y., & Richmond, Ind.
Ames Plow Co. (One Horse, One Row, etc.), Quincy Hall, Boston, Mass.
Avery, B. F. & Sons, Louisville, Ky.
Avery Mfg. Co. (Steel), Peoria, Ill.
Ayers, J. R., Petersburg, Va.
Bailey & Nichols Co., Delevan, Ill.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Bement's, E. Sons, Lansing, Mich.
Bradley, David, Mfg. Co. (Force Drop), Bradley, Ill.
Brooks & Stuckwisch, Indianapolis, Ind.
Brown, Geo. W. & Co., Galesburg, Ill.
Brown, Hinman & Huntington Co. (Hand), 198 N Scioto, Columbus, O.
Buffton Mfg. Co., Buffton, Ind.
Campbell Corn Drill Co., Harrison, O.
Cardwell Machine Co., Richmond, Va.
Case, J. I. Plow Works, Racine, Wis.
Chambers, Bering, Quinlan Co., Decatur, Ill.
Colton, G. D. & Co., Galesburg, Ill.
Cooper, A. A. Wagon & Buggy Co., Dubuque, Ia.
Deere & Mansur Co., Moline, Ill.
Deuscher, H. P. Co., Hamilton, O.
Donaldson Bros., Mt. Clements, Mich.
Emerson Mfg. Co., Rockford, Ill.
Eureka Mower Co. (One & Two Row), Utica, N. Y.
Evans, A. C. Mfg. Co., Springfield, O.
Farquhar, A. B. Co. (Also With Fertilizer Attachment), York, Pa.
Foos Mfg. Co., Springfield, O.
Fuller & Johnson Mfg. Co. (Force Drop), Madison, Wis.
Gale Mfg. Co. (One & Two Horse Planter & Fertilizers), Albion, Mich.
Grand Detour Plow Co., Dixon, Ill.
Greenville Planter Co., Greenville, Mich.
Haworth & Sons Mfg. Co. (Disc, etc.), Decatur, Ill.
Hayes Pump & Planter Co. (Riding & Walking), Galva, Ill.
Hench & Dromgold Co., York, Pa.
Hoosier Drill Co., Richmond, Ind.
Implement Mfg. Co., Davenport, Ia.
Janney Mfg. Co., Ottumwa, Ia.
Keystone Farm Machinery Co., York, Pa.
Keystone Mfg. Co., Sterling, Ill.
Kingman & Co., Peoria, Ill.
Lehr Agricultural Co., Fremont, O.
Lovejoy, H. H. & Son, Cambridge, N. Y.
Luthy & Co., Peoria, Ill.
McSherry Mfg. Co., Middletown, O.
Marietta Mfg. Co., Marietta, O.
Mason, F. C. & Co. ("Banner Segment"), St. Johns, Mich.
Messinger Mfg. Co., Tatamy, Pa.
Moline Plow Co., Moline, Ill.
Moline Pump Co., Moline, Ill.
Morrison Mfg. Co., Ft. Madison, Ia.
Mountville Mfg. Co., Mountville, Pa.
Mulford Heater Co., Galva, Ill.
Obio Cultivator Co., Bellevue, O.
Ohio Rake Co., Dayton, O.
Parlin & Orendorff Co., Canton, Ill.
Peoria Scoop Board & Implement Co., Peoria, Ill.
Peru Plow & Wheel Co., Peru, Ill.
Peters Pump Co., Kewanee, Ill.
Porter, J. E. Co. (All Steel), Ottawa, Ill.
Quincy Corn Planter Co. (Also Fertilizer Attachment), Quincy, Ill.
Rhea-Tbielens Implement Co., Peoria, Ill.
Rock Island Plow Co., Rock Island, Ill.
Sattley Mfg. Co., Springfield, Ill.
Sechler, D. M. Carriage Co., Moline, Ill.
Sellers, Edw., Oakhall Station, Pa.
Southern Foundry & Machine Works, Fredericksburg, Va.
Spangler Mfg. Co., York, Pa.
Sterling Mfg. Co., Sterling, Ill.
Stoddard Mfg. Co., Dayton, O.
Tait, F. B. Mfg. Co., Decatur, Ill.
Thompson, J. & Sons' Mfg. Co., Beloit, Wis.
Union Corn Planter Co., Peoria, Ill.
WARSAW ELEVATOR CO. ("Benham"), Warsaw, N. Y., & Erie Co. Bk. bldg., Buffalo, N. Y. (See adv. index, end of book)
Wayne Works, Richmond, Ind.
White, S. R. & Bro., Norfolk, Va.
Whitehurst, R. W. Co., Norfolk, Va.
Williams Mfg. Co., Decatur, Ill.
Wistrand Mfg. Co., Galva, Ill.

Planters (Corn, Hand)

Babcock Planter Co., Adrian, Mich.
Brown, Hinman, Quinlan Co., Columbus, O.
Chautauqua Planter Co., Jamestown, N. Y.
Eagle Machine Co., Lancaster, O.
Emerson Mfg. Co., Rockford, Ill.
Eureka Fence Co., Richmond, Ind.
Greenville Planter Co., Greenville, Mich.
Harrison, W. N. & Son, Sterling, Ill.
Horton Mfg. Co., Ft. Wayne, Ind.
Hughes & Smythe, Galena, O.
Kent, A. C., Janesville, Wis.
Kingman & Co., Peoria, Ill.
Kohler, F. E. & Co., Canton, O.
Nagley Mfg. Co. (Corn & Pumpkin), Lyons, N. Y.
Nash, Duane H., Millington, N. J.
Potato Implement Co., Traverse City, Mich.
Rock River Machine Co., Janesville, Wis.
Sheffield Mfg. Co., Burr Oak, Mich.
Vandergrift Mfg. Co., Jamestown, N. Y.
Whitman & Barnes Mfg. Co. ("Eagle" & "Triumph"), Akron, O.; 111 Chambers, New York, & Chicago, Ill.
Wiard Plow Co., Batavia, N. Y.
Winship Mfg. Co., Racine, Wis.

Planters (Cotton)

Avery, B. F. & Sons, Louisville, Ky.
Avery Mfg. Co. (Steel), Peoria, Ill.
Bradley, David, Mfg. Co., Bradley, Ill.
Brown, Hinman & Huntington, Columbus, O.
Cole Mfg. Co., Charlotte, N. C.
Deere & Mansur Co., Moline, Ill.
Eagle Mfg. Co. (Cotton & Corn), Kansas City, Mo.
Emerson Mfg. Co. (Combined Cotton & Corn), Rockford, Ill.
Evans, A. C. Mfg. Co., Springfield, O.
Farquhar, A. B. Co. (Ltd.), York, Pa.
Gale Mfg. Co., Albion, Mich.
Gantt, J. T.. Macon, Ga.
Keystone Farm Machinery Co., York, Pa.
Lehr Agricultural Co., Fremont, O.
Moline Plow Co. (Cotton & Corn), Moline, Ill.
Morrison Mfg. Co., Ft. Madison, Ia.
Ohio Cultivator Co. (Ohio Sulky, etc.), Bellevue, O.
Parlin & Orendorff Co. (Cotton & Corn), Canton, Ill.
Rock Island Plow Co., Rock Island, Ill.
Sandwich Mfg. Co., Sandwich, Ill.
South Bend Chilled Plow Co. (Cotton & Corn), South Bend, Ind.
Southern Agricultural Works Co., Atlanta, Ga.
Southern Plow Co., Columbus, Ga.
Stoddard Mfg. Co., Dayton, O.
Towers & Sullivan Mfg. Co., Rome, Ga.
White, S. R. & Bro., Norfolk, Va.
Whitehurst, R. W. & Co., Norfolk, Va.

Planters (Peanut)

Ayers, J. R., Petersburg, Va.

Planters (Potato)

American Harrow Co. (Hand), Detroit, Mich.
American Seeeding Machine Co. Main Office, Springfield, O. Works, Louisville, Ky.; Macedon, N. Y., & Richmond, Ind.
Aspinwall Mfg. Co., Jackson, Mich.
Baker, L. B. Mfg. Co. (Invincible), Racine, Wis.
Bateman Mfg. Co. (Robbins), Grenloch, N. J.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Chambers, Bering & Quinlan Co. (C. B. Q.), Decatur, Ill.
Champion Potato Machinery Co. (Self Feeding), Hammond, Ind.
Deere & Mansur Co., Moline, Ill.
Eureka Mower Co., Utica, N. Y.
Evans, A. C. Mfg. Co., Springfield, O.
Greenville Implement Co. (Delmore & Bell), Greenville, Mich.
Greenville Planter Co. (The "Segment," "Eureka," "Pingree," "Dewey," "Hand"), Greenville, Mich.
Hirsch Bros. (Spalding), Milwaukee, Wis.
Keystone Mfg. Co., Sterling, Ill.
Mason, F. C. & Co. ("Eureka," "Pingree" & "Dewey"), St. Johns, Mich.
Messinger Mfg. Co. (With Fertilizer Attachment), Tatamy, Pa.
Potato Implement Co. (Acme & Peerless), Traverse City, Mich.
Schofield & Co. (Junior), Freeport, Ill.
Sears, Albert H., Plano), Plano, Ill.
Steitz, J. R., Cudahy, Wis.
Whitehurst, R. W. & Co., Norfolk, Va.

Plaster Boards & Blocks

(See Fire Proof Plaster Boards, Slabs, etc.)

Plaster Mfrs. (Calcined)

Acme Cement Plaster Co., Century bldg., St. Louis, Mo.
Alabastine Co. (also Land Plaster), Grand Rapids, Mich
American Cement Plaster Co., Lawrence, Kan., & Quanah, Tex.
Bangs & Gaynor (Land Plaster), Fayetteville, N. Y.
Brockett, C. A. Cement Co., 121 W 8th, Kansas City, Mo.
Conn. Adamant Plaster Co., New Haven, Conn.
Fort Dodge Plaster Co., Fort Dodge, Iowa
FRENCH, SAMUEL H. & CO., 4th & Callowhill, Philadelphia, Pa. (See adv. index, page 1200)
Gilmore, S. & Co., Indian Falls, N. Y.
Grand Rapids Plaster Co. (also land), Grand Rapids, Mich.
Gypsum Products Mfg. Co., Grand Rapids, Mich.
Hammill & Gillespie, 240 Front, N. Y.
Higginson Mfg. Co., Newburgh, N. Y.
Hot Springs Plaster Co., Hot Springs, S. Dak.; Omaha, Neb., & Mankato, Minn
KEYSTONE PLASTER CO., Chester, Pa.; 26th & E, N W, Washington, D. C.; 16 S Broad, Phila., Pa., & Williamsport, Pa.
King, J. B. & Co., 1 B'way, New York; 322 W Genesee, Buffalo, N. Y., & New Brighton, S. I., N. Y.
Lycoming Calcining Co. (Also Land), Williamsport, Pa., & Garbutt, N. J.
Marsh & Co. (Also Dental & Fertilizing), Sandusky, O.
Michigan Gypsum Co. ("Land & N. P. Brand"), Grand Rapids, Mich.
Mineral City Plaster Co., Fort Dodge, Iowa
National Wall Plaster Co., Syracuse, N. Y.
Newark Lime & Cement Co., ft of Bridge st., Newark, N. J.
Rock Plaster Co., of N. Y. & N. J., 11 B'way, New York, & ft 7th, Hoboken, N. J.
Shcedy, Thos. W. (Land Plaster), Fayetteville, N. Y.
Standard Cement Plaster Co., Laramie, Wyo.
United States Gypsum Co., 184 La Salle, Chicago, Ill. Branch Offices, 4 Builders' Exch. bldg., Buffalo, N. Y.; Hammond bldg, Detroit, Mich.; Fort Dodge, Iowa; Indianapolis, Ind.; Milwaukee, Wis.; Minneapolis, Minn; West Superior, Wis.; Sandusky, O., & Pittsburg, Pa.
Windsor Cement Co., 446 Albany, Boston, Mass.
Wotherspoon Plaster Mills, 1170 B'way, New York, & Long Island City, N. Y.

Plaster Mfrs. (Fibrous & Staff)

Eclipse Fibre Plaster Co., Buffalo, N. Y.
EMMEL, CHAS., 383 Albany, Boston, Mass.
Fowle, Herbert, 43 Bristol, Boston, Mass.
Harnisch, Ad, Spencer n Chlorine Springs, Syracuse. N. Y.
SEIFERT, FRANK A., PLASTIC Relief Co., 2646 Chestnut, St. Louis, Mo. (See adv. index, end of book)
Sleep, Elliott & King Co., 351 Cambridge, Boston, Mass.

Plaster Mfrs. (Wall)

(See also Stucco mfrs.)

ALABAMA

MOBILE—Alabama Pulp Jlaster Co. (Pulp)

CALIFORNIA

SAN FRANCISCO—California Anti-Caloric Co., 217 Mission
Hcarfield, Bannister & Co., 320 Sansome

CONNECTICUT

HARTFORD—Hartford Pulp Plaster Corporation (Elastic Pulp)
NEW HAVEN—Connecticut Adamant Plaster Co.

DISTRICT OF COLUMBIA.

WASHINGTON—**KEYSTONE PLASTER** Co. (Adamant & "Victor"), 26th & E, N W

GEORGIA

ATLANTA—Georgia Wood Fibre Plaster Co., Murphy av, nr Benjamin

ILLINOIS

CHICAGO—United States Gypsum Co., 184 La Salle
ROCKFORD—Rockford Wall Plaster Co.

INDIANA

INDIANAPOLIS—Keeport, A. B. & Co., 312 W North
U. S. Gypsum Co., 920 E, New York
JEFFERSONVILLE—American Wall Plaster Co.

IOWA

CEDAR RAPIDS—King's Crown Plaster Co.
DES MOINES—Des Moines Fuel & Lime Co.
FORT DODGE—Cardiff Gypsum Plaster Co. ("Kallolite")
United States Gypsum Co.

KANSAS

BLUE RAPIDS—Electric Plaster Co.
United States Gypsum Co.
LAWRENCE—American Cement Plaster Co.
Great Western Plaster Co.
Salina Cement Plaster Co.
MEDICINE LODGE—Best Bros. & Co.

KENTUCKY

LOUISVILLE—Kentucky Wall Plaster Co., Fulton E of 1st

MAINE

RED BEACH—Red Beach Plaster Co.

MASSACHUSETTS

BOSTON—New England Adamant Co., 325 Medford
Windsor Cement Co., 446 Albany

MICHIGAN

DETROIT—Little, C. H. Co., 40 Fort W
United States Gypsum Co.
GRAND RAPIDS—Alabastine Co. (Plasticom Hard Wall)
Elyria Wood Plaster Co. (Wood)
Grand Rapids Plaster Co.
United States Gypsum Co. (See Chicago)
GRANDVILLE—United States Gypsum Co.

MINNESOTA

MINNEAPOLIS—United States Gypsum Co.

MISSOURI

KANSAS CITY—Aetna Cement Plaster Co., 121 W 8th
ST. LOUIS—Acme Cement Plaster Co., Century bldg
Centaur Lime & Cement Co., 3852 Manchester av
Hunkins-Willis Lime & Cement Co., 18th & Austin

NEW JERSEY

NEWARK—Newark Lime & Cement Mfg. Co., 22 Clinton
N. Y. Adamant Mfg. Co., 103 Pasaic av (H)
TRENTON—New Jersey Elastic Pulp Plaster Co. ("Pulp")

NEW YORK

BUFFALO—Buffalo Paragon Wall Plaster Co., 11 Breckenridge
Eclipse Fibre Plaster Co.
Oakfield Plaster Mfg. Co., 488 Main
United States Gypsum Co., 4 Builders' Exchange

FAYETTEVILLE—Bangs & Gaynor
Sheedy, Thos. W.
FULTON—Gage, Porter Co.
GARBUTT—Garbutt, J. W.
Lycoming Calcining Co. (See Williamsport, Pa.)
NEWBURGH—Higginson Mfg. Co.

New York City

Boroughs of Manhattan & Bronx

NEW YORK—Adamant Plaster Co., 656 W 34th
King, J. B. & Co., 1 Broadway
Miller, Clifford L., 125 E 23d
N. Y Elastic Fire Proof Plaster Co., 949 B'way
ROCK PLASTER CO., OF N. Y. & N. J., 11 B'way
Wotherspoon Plaster Mills, 1170 B'way

Borough of Queens

LONG ISLAND CITY—Wotherspoon Plaster Mills

Borough of Richmond

NEW BRIGHTON—King, J. B. & Co.

(END OF NEW YORK CITY.)

OAKFIELD—Oakfield Plaster Mfg. Co.
United States Gypsum Co.
SYRACUSE—Adamant Plaster Co., 231 James
National Wall Plaster Co., O. C. S. Bank bldg
Paragon Plaster Co., Fayette & Magnolia
UTICA—American Hard Wall Plaster Co.

OHIO

AKRON—Akron Wall Plaster Co.
CANTON—Seeman Plaster Co.
CINCINNATI—Eagle Cement Wall Plaster Co.
CLEVELAND—Central Builders' Supply Co. ("Star"), 323 Columbus
Elyria Wood Plaster Co. (Wood), 47 Merwin
Forrester Plaster Co., ft of Kirkland
COLUMBUS—Rock Plaster Mfg. Co., Broad & H. V. Ry.
DAYTON—Dayton Fibre Plaster Co. (Fibre)
Rice Wall Plaster Co.
EAST LIVERPOOL—Old Roman Wall Plaster Co.
LIMA—Walther, Philip
LORAIN—Lorain Wood Plaster Co. (W. W. Hoffman)
NAPOLEON—Napoleon Pulp Plaster Co.
PORT CLINTON—Consumers' Gypsum Co.
SANDUSKY—United States Gypsum Co.
Winters Gypsum Co.
STEUBENVILLE—Elastic Pulp Plaster Co.
TOLEDO—Fishack Plaster Co.
Toledo Pulp Plaster Co. (Pulp)
WARREN—Elastic Pulp Plaster Co.
YOUNGSTOWN—Sharp Bros. & Co.

OREGON

PORTLAND—Adamant Co., 5 1st N

PENNSYLVANIA

ALLEGHENY—Fitzgerald Plaster Co., Lewis blk
BRADDOCK—Crown Wall Plaster Co.
CHESTER—**KEYSTONE PLASTER CO.**, (Adamant & "Victor")
LEBANON—Granitine Wall Plaster Co.
NEW CASTLE—Gailey Fibre Plaster Co.
New Castle Elastic Pulp & Plaster Co. (Pulp)
PHILADELPHIA—**FRENCH, SAM'L H. &** CO., 4th & Callowhill. (See adv. index, page 1200)
KEYSTONE PLASTER CO. (Adamant & "Victor"), 16 S Broad
ROCK PLASTER (SAM'L H. FRENCH & CO., agents), 4th & Callowhill
PITTSBURG—Granite Wall Plaster Co., 41st & A. V. Ry.
National Motor & Supply Co., 2d National Bank bldg
United States Gypsum Co.
SCRANTON—Paragon Plaster & Supply Co.
WAYNESBORO—Eclipse Wall Plaster Co.
WILLIAMSPORT—Diamond Wall Cement Co.
Lycoming Calcining Co.

SOUTH DAKOTA

HOT SPRINGS—Hot Springs Plaster Co.

VIRGINIA

NORFOLK—Builders' Supply Co.
RICHMOND—Moore, Warner & Co.

WEST VIRGINIA

FAIRMOUNT—Fairmount Wall Plaster Co.
WHEELING—Wheeling Wall Plaster Co.

WISCONSIN.

MILWAUKEE—U. S. Gypsum Co., 480 Virginia

Plaster of Paris Mfrs.

(See Plaster Mfrs., Calcined.)

Plaster Packers

(See Cement Packers.)

Plaster Products for Paper Trade

KEYSTONE PLASTER CO., Chester, Pa.; 26th & E, N W, Washington, D. C.; 16 S Broad, Phila., Pa., & Williamsport, Pa.

*Plasterers (Ornamental)

CALIFORNIA.

LOS ANGELES—McLean, William, 132 Centre pl
SAN FRANCISCO—Burt, Chas. W., 318 Bush
Cederberg, E. S., 318 Bush
Dunlop, Charles, 40 New Montgomery
McLeod, J. C., 40 New Montgomery
Smith & Price, 40 New Montgomery
Tobin, J. R., 40 New Montgomery

COLORADO.

(See Masons & Builders.)

CONNECTICUT.

BRIDGEPORT—Dowling & Bottomley.
O'Brien, Timothy & Son
HARTFORD—(See Masons & Builders)
NEW HAVEN—Carroll, Michael
Malcolm, John D.
Townsend, William M.
WATERBURY—Butler, Thos., 145 Bishop
Rivet, George, 59 W Liberty
Vickers, Richard, 96 Pleasant

DELAWARE.

WILMINGTON—Johnson, A. L., 8th c Shipley
McCaulley, Geo. W. & Son Co., 103 W 8th

DISTRICT OF COLUMBIA.

WASHINGTON—Amateis, Louis, 1717 19th N W
Bradt, O. W., Tunlaw rd
Landon, Thos. E., 1419 G, N. W.

ILLINOIS.

CHAMPAIGN—Bainum, J. H.
CHICAGO—**ARCHITECTURAL DECORATING CO.**, 204 Illinois. (See adv. index, end of book)
Bertolini, Robert, 95 N Western av
DECORATORS' SUPPLY CO., 215 S Clinton. (See adv. index, end of book)
Dorothy, W. H., 108 La Salle
Dux, Joseph, 132 W Jackson boul
Jansen, Julian, 72 S Canal
Lennox & Haldeman Co., 184 La Salle
McNulty Bros., N. Y. Life bldg
Nelson, W. P. Co., 193 Wabash av
O'Toole Bros., "Rookery"
Plastic Relief Mfg. Co., 298 N Halsted
Zander, August Co., 214 Clark
PEORIA—McCadden, Horace B.,

INDIANA.

(See also Masons & Builders.)

EVANSVILLE—Fabian, Jacob P., Jr.
FT. WAYNE—Lang, H. R. & Co.
INDIANAPOLIS—Ernst, Jos., 1042 S New Jersey
Glenn Bros., Bldrs' Ex

IOWA

DES MOINES—Tusant, J. E., 616 High

KENTUCKY

LOUISVILLE—Bannon, W. P., 2203 1st
Campbell, B. J. & Sons, Fulton nr 1st
Crull, Jas. H., 551 E Green
Finck, Wm. F., 1901 Fischer av

MAINE.

PORTLAND—Dugan, John, 71 Oak
Gatley, R. K., 59 Union
Jackson, C. & W. B., 71 Oak
Ward, A. H. & Son
Ward, Patrick, 13 Casco

MARYLAND.

(See also Masons & Builders.)

BALTIMORE—Child, Jas. W., 1919 Edmundson av
Culver & Fitzpatrick, Maryland Trust bldg
Johnson & Sturgeon, 406 N Howard
Starr, G. W. & Son, 960 N Howard

MASSACHUSETTS.

BOSTON—Black, Robert & Sons, 2 Proctor
Boyce & Donahay, 95 Milk
Donovan, D. F. & Co., 7 Water
EMMEL, CHARLES, 383 Albany.
Gallagher & Munro Co., 106 Devonshire
Grady, M. J., 95 Milk
McIntosh, Allan, 166 Devonshire
Muir Bros., 17 Milk
Parker, Thos. & Co., 166 Devonshire
Sleep, Elliott & King Co., 351 Cambridge
Townsend, J. H., 166 Devonshire
CAMBRIDGEPORT—Heron, Wm. J., 632 Mass. av
LOWELL—Prescott, D. Moody, 324 Central

MICHIGAN.

(See also Masons & Builders.)

DETROIT—Calnon & Goodall, 40 Fort W
Finn, Michael, 40 Fort W
Fritsch, Albert, 462 Wilkins
Hanley, Jno., 40 Fort W
Hugg & Oltz, 554 Dragoon av

MISSOURI.

ST. LOUIS—Anderson, Peter, 715 Locust
Beumer & Davis, 2111 Howard
Bixler, J. M. & Co., 816 Oliver
Craig, L. C., Odd Fellows bldg
Fitzgerald, John, 2621 Clara av
Johnson, Jno. & Son, 309 N 12th
Johnson, Joshua T., 2123 Washington av
Lee, J. H. & Bro., Odd Fellows bldg
Martinelli Bros. & Martini, 314 S 4th
Rowan & Tobin, 721 Olive
SEIFERT, FRANK A., PLASTIC Relief Co., 2646 Lawton av. (See adv. index, end of book)
Wehmueller, John & Son, 1502 Palm
White, Porter, 415 Locust

NEW JERSEY.

ELIZABETH—Eilbacher, Chas., 32 4th
NEWARK—Anderhub, Anton, 65 14th av
Carlewitz, A. Co., 83 Plane
Creter, Philip, 252 Court
Euchemin, Geo. W., 37 Wainwright
Nielsen, Eugene, 15 Springfield av
Pain, W. J., 106 Prospect av
Prior, James V., 288 Wash'n
OCEAN CITY—Adams, George O.
Adams Decorative Co.

NEW YORK.

BUFFALO—Byrne & Bannister, Bldrs. Ex.
Davis, Jas. M., 411 Vermont
Quinn, Jos., 834 Main
Trautlein, Henry, 49 Front av

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Eastern Ornamental Plaster Co., 168 Atlantic av
Sinnott, James M. & Co., 168 Atlantic av

Boroughs of Manhattan & Bronx

NEW YORK—Berger's, H. Sons, 101 4th av
Craig, William, 156 5th av
Dowd, James, 402 W 55th
Ellin, Kitson & Co., ft of W 25th
Haigh, Hartley, 1931 B'way
Hammerstein & Denivelle (Plain & Ornamental), 451 W 54th
Herter Bros., 369 5th av
Liesum, Geo., 228 E 24th
Klee, Thomson, Co., 327 E 40th
McNulty Bros., 520 W 23d
Morrison, James, Jr., 247 W 28th
New York Composition & Decorative Co., 228 W Houston
Parker, Wm., 324 7th av
Power Bros., 248 W 106th
Power, Michael, 1 Madison av
Richard, Louis (Ornamental), 110 West End av
Riker, John P. & Son, 507 W 28th
Roberts, John J., 554 W 25th
Smith, Jos. & Co., 428 E 23d
Walter, G. E. Co., 157 E 44th
Walthausen, John H. A., 454 W 41st
(END OF NEW YORK CITY.)

SYRACUSE—Merz & Schweikert, 921 Highland
Michel, Frank, 621 Seymour
Schenider, F. H., 439 E Water
Van Eseltine, Grant, 339 S Warren

OHIO.

(See also Masons & Builders.)

CINCINNATI—Beatty, Miles, 506 Clark
Blair, Robert, Builders' Ex.
Castruccio, W. Co., 318 E 5th
Florentine-Wilhelm Co., Madisonville
Hancock, Levi B., Builders' Ex.
Marks, W. A. Plaster Ornamental Mfg. Co., 726 W5th
O'Brien, John, Madison road
Pugh, W. J., Builders' & Traders' Exch.
Rudd, W. R. & Bro., 224 Longworth
CLEVELAND—Tarbet & Grifford, Bunlders' Exch.
COLUMBUS—Melluish, C. W., 251 E Long
TOLEDO—McCaffery, John, 526 Cherry
ZANESVILLE—Fogarty & Curtis

PENNSYLVANIA.

(See also Masons & Builders.)

ALLEGHENY—Diem, A. & Co., 101 Jackson
Duncan & Porter, 212 Anderson
Evans, Frank, 226 Laycock
Haley, R. H., 120 Ohio
BEAVER FALLS—Lutton, Aaron
BELLEVILLE—Lebkisher, John P.
BRADDOCK—Crown Wall Plaster Co.
CANONSBURG—Hull, Robert T.
McNary, E. E.
CHESTER—Mills, Henry.
Mills & Bro.
Sheppard, Frank
GREENSBURG—Allison, G. A.
Cochrane, James
JENKINTOWN—Fitzgerald, Thomas
LANSDALE—Rosenberger, Oliver
MANCHESTER—Jacobs, F. L.
MARS—Duncan, Presley
MT. HOLLY SPRINGS—Wolf, Hy. A.
NEW CUMBERLAND—Negley, Theo.
NEW KENSINGTON—Barr, Robert
NORRISTOWN—Detwiler, G. M.
Doran, Lawrence J.
OXFORD—Reburn, John L.
PENN RUN—Amond, C. E.
PENNSBURG—Beary, David D.
PHILADELPHIA—Allen, James T. & Son, 212 S 10th
Barsotti, Jos. & Co., 2037 Market
Boyd, Hugh & Son, 706 S 11th
Caverow, G. & M., 1243 N 10th
Farley, Wm. E., 30 N 38th
Florentine Art Plaster Co., 2217 Chestnut
Heath, Thomas (est. of), 42 N 11th
Reeves, J. W. & C. H., 923 Darien
Shaw & Co., 311 N 5th
Tognarelli, Peter G., 2232 Market
Whitman, J. Franklin So. (Inc.), 212 S 5th
PITTSBURG—Ahl, F. D., 5902 Baum
Evans, J. C. & Bro., 26 Magee
Hoffman, Wm. H., Hamilton bldg
Jones, James M., 119 Larimer
Lingenfelser, Fred, 2004 5th av
McNulty Bros., Frick bldg
Morris, R. M., 540 Sheridan
Roscow, Joseph, 6349 Aurelia
Schuchert, Lambert, 116 Allen av
READING—De Haven, E. W.
ST. MARYS—Jacob, John A.
Wegener, John & Son
WEST NEWTON—Obley, F. & P. S.
WILKINSBURG—McDowell, A. T. & Sons

RHODE ISLAND.

NEWPORT—Morgan Bros.
PROVIDENCE—Norton, John, 47 S Main
Welch & McGreen (Ornamental), 43 Meeting

TENNESSEE.

MEMPHIS—Alexander, Jas., Builders' Exchge
NASHVILLE—Hoover & Co., 118 Lafayette
Le Sueur, S. J. & Co., 609 Shelby av

TEXAS.

(See Masons & Builders.)

WASHINGTON.

(See Masons & Builders.)

WISCONSIN.

MILWAUKEE—Maxwell & Stillman, 445 Milwaukee
Milwaukee Ornamental Carving Co., 423 Poplar
MILWAUKEE ORNAMENTAL CARVing Co., 423 Poplar. (See adv. index, end of book)

Plasterers' Steel Corner Plates

(See next page.)

Plastering Fibre

Hoffman-Corr Mfg. Co., 107 Duane & 16 Thomas, New York
SALASEE FIBRE CO., 150 W 38th, New York, N. Y. Tel. 5638 38th. (See adv. below)
Whiting, E. B. & A. C., Burlington, Vt.

Plastering Fibre ("Salasee")

SALASEE FIBRE CO., 150 W 38th, New York, N. Y. Tel. 5638 38th. (See adv. below)

Plastering Hair

Armour Curled Hair & Felt Works, 205 La Salle, Chicago, Ill.
Baeder, Adamson & Co., 67 Beekman, New York, 172 Lake, Chicago, Ill.; 730 Market, Philadelphia, Pa., & 68 High, Boston, Mass.
Druecker, William J., Chicago Opera House bldg, Chicago, Ill.
FRENCH, SAM'L H. & CO., York av, 4th & Callowhill, Philadelphia, Pa. (See adv index, page 1200)
Hoffman-Corr Mfg. Co., 107 Duane & 16 Thomas, New York
Illinois Leather Co., 400 N Halstead, Chicago, Ill.
WEEKS, CHAS. R. & BRO., 150 W 38th, New York, N. Y. Tel. 5638 38th. (See adv. below)

When writing to firms whose names appear in this book please mention
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Plasterers' Steel Corner Plates

BOSTWICK STEEL LATH CO. (The "Acme"), Niles, O. (See adv. index, end of book)

Gara, McGinley & Co. (Woods), 23 S 17th, Philadelphia, Pa

LAWES, GEO. H. & CO. (Mfrs'. Agts.), 4th & Jackson, St. Paul, Minn. (See adv. index, end of book)

MERRITT & CO., 1024 Ridge av, Philadelphia, Pa. (See adv. index, end of book)

New York Steel Corner Plate Co. ("Parker"), 1133 B'way, New York

UNION METAL CORNER CO., 206 Summer, Boston, Mass. (See adv below)

WESTERN STEEL CORNER PLATE Co. ("Schuller"), 704 W Lake, Chicago, Ill. (See adv. below)

Plate (Aluminum)

Pittsburg Reduction Co., New Kensington, Pa., & 99 John, New York

Plate (Armor)

Bethlehem Steel Co., South Bethlehem, Pa., & 100 B'way, New York

Carnegie Steel Co., Carnegie bldg, Pittsburg, Pa.; Penna bldg, Phila., Pa.; The Rookery, Chicago, Ill., & 71 B'way, New York

Plate (Steel Boiler)

(See Iron & Steel Boiler & Tank Plate.)

Plate (Steel Bridge)

Carbon Steel Co., Pittsburg, Pa., & 26 Cortlandt, New York

Carnegie Steel Co., Pittsburg Pa.; Penna bldg, Philadelphia, Pa.; 204 Dearborn, Chi-

Cleveland Steel Co., Cleveland, O.

Crucible Steel Co. of America, Frick bldg, Pittsburg, Pa.; 71 B'way, New York, & 64 S Clinton, Chicago

Eastern Steel Co., Pottsville, Pa.

Glasgow Iron Co., Pottstown, Pa., & 1502 Market, Philadelphia, Pa.

Illinois Steel Co., The Rookery, Chicago, & 71 B'way, New York

Jones & Laughlins Steel Co. (10 Ga. & Heavier), Pittsburg, Pa.

Lucknow Iron & Steel Co., Harrisburg, Pa.

Lukens Iron & Steel Co., Coatesville, Pa.

Maryland Steel Co., Baltimore, Md.

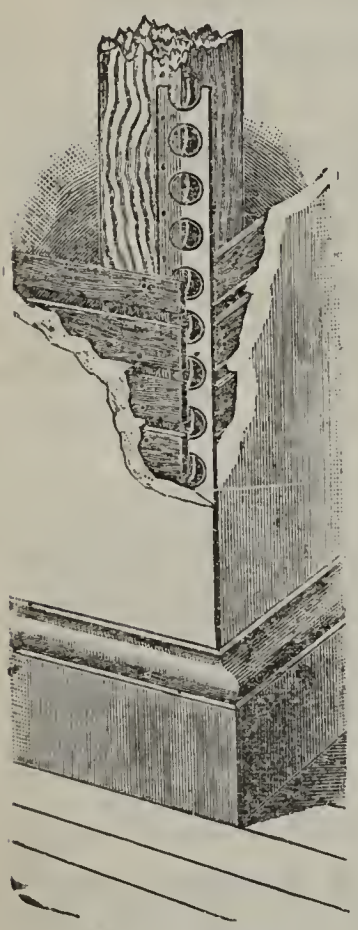
Parkersburg Iron & Steel Co., Parkersburg, W. Va.

Passaic Steel Co., Paterson, N. J.; 5 Nasau, New York, & 31 State, Boston, Mass.

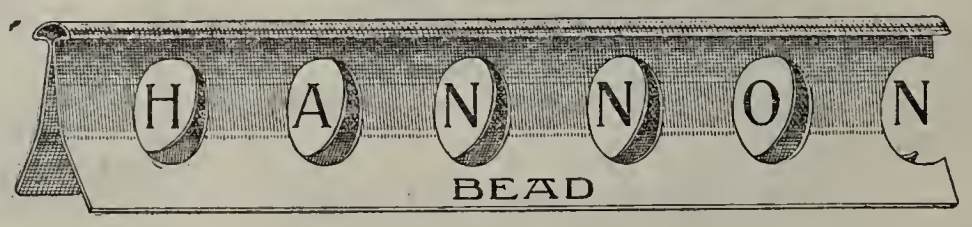
Phoenix Iron Co., 410 Walnut, Philadelphia, Pa.; 49 William, N. Y.; The Rookery, Chicago, Ill., & 153 Milk, Boston, Mass. Works Phoenixville, Pa.

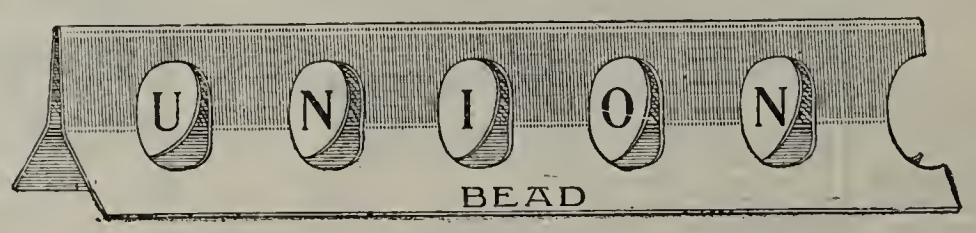
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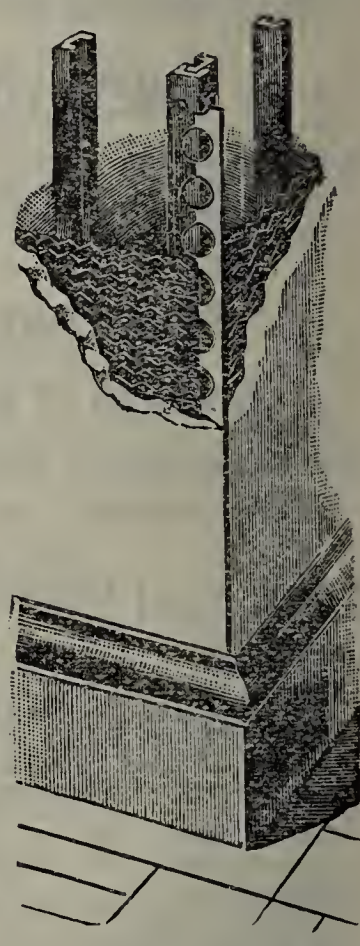




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United States Steel Corporation, 71 B'way, New York

Plate (Steel Fire Box)

AMERICAN STEEL & WIRE CO., The Rookery, Chicago; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & 16th & Folsom, San Francisco, Cal. (See adv. index, end of book)
Carbon Steel Co., Pittsburg, Pa., & 26 Cortlandt, New York
Carnegie Steel Co., Carnegie bldg, Pittsburg Pa.; Penna bldg, Philadelphia, Pa.; 204 Dearbon, Chicago, & 71 B'way, New York
Central Iron & Steel Co., Harrisburg, Pa., Real Estate Trust bldg, Phila., Pa.
Crucible Steel Co. of America, Frick bldg, Pittsburg, Pa.; 71 B'way, New York, & 64 S Clinton, Chicago
Illinois Steel Co., The Rookery, Chicago, & 71 B'way, New York
Otis Steel Co., Lake c Lawrence, Cleveland, O.
Republic Iron & Steel Co. General Offices, First Natl. Bank bldg, Chicago. District Sales Offices, Ellicott sq, Buffalo, N. Y.; Citizens' Bank bldg, Cleveland; Birmingham, Ala.; Manhattan Life bldg, New York; Mermod-Jaccard bldg, St. Louis; Endicott Arcade, St. Paul; Frick bldg, Pittsburg, Pa., & Cincinnati, O.
Taylor, N. & G. Co., Phila., Pa.
Tidewater Steel Co., Chester, Pa.

Plate (Steel Fish)

(See Rail Braces & Fastenings.)

Platers' & Polishers' Supplies

Bennett & O'Connell Co., 49 S Canal, Chicago, Ill.
Burns, E. Reed, 40 Withers, Brooklyn, N. Y.
Cutter, Wood & Stevens Co., 68 Pearl, Boston, Mass.
Gold, Walter C., 235 Race, Philadelphia, Pa.
Foot Mfg. Co. (Polishing Felts, Buffs, Brushes, etc.), Jersey City, N. J.
Hanson & Van Winkle Co., Newark, N. J., & 30 W Canal, Chicago, Ill.
L'Hommedieu, Chas. F., 82 N Canal, Chicago, Ill.
Sommer's, John Sons (Drying Materials), Newark, N. J.
Standard Emery & Supply Co. (Nickel Platers), Easton, Pa.
Zucker & Leavett & Loeb Co., 526 W 25th, N. Y., & 1230 Wrightwood av, Chicago, Ill.

Plates (Bosh)

Lawrenceville Bronze Co., 31st & Penn av, Pittsburg, Pa.

Plates (Box Printing)

Houchin & Huber, 35 53d, Brooklyn, N. Y.

Plates (Bumper)

Ireland & Matthews Mfg. Co. (For Plumbers Wood Work), Detroit, Mich.

Plates (Center)

Dayton Malleable Iron Co. (Lubricating), Dayton, O.
Pressed Steel Car Co., Pittsburg, Pa.
Transue & Williams Co., Alliance, O.

Plates (Crusher)

Philadelphia Roll & Machine Co., S 23d & Wash'n av, Phila., Pa.

Plates (Expansion)

Western Tube Co., Kewanee, Ill.

Plates (Felloe)

Avery Stamping Co. (Steel), Cleveland, O.
Wrought Washer Mfg. Co., Milwaukee, Wis.

Plates (Filter Press)

Aitchison, Robt., Perforated Metal Co., 301 Dearborn, Chicago
Currier, Cyrus & Sons, Newark, N. J.
Shriver, T. & Co., 333 E 56th, N. Y.

Plates (Floor, Iron & Steel)

American Tube & Stamping Co., Bridgeport, Conn.
Carnegie Steel Co. (Steel), Carnegie bldg, Pittsburg, Pa.; Penna bldg, Phila., Pa.; "Rookery," Chicago, Ill., & 71 B'way, New York
Froment & Co., 151 Bank, New York
Greger Mfg. Co. (Noiseless), 22d & Washington av, Philadelphia, Pa.
Ogden & Wallace (Never Slip Wrought Steel), 577 Greenwich, N. Y.
Townsend Foundry & Machine Shop Co., Albany, N. Y.

Plates (Floor & Ceiling)

Adams Co. (For Stove Pipe Register), Dubuque, Iowa
Beaton & Corbin Mfg. Co., Southington, Conn.
Belfield, H. & Co., 435 N Broad, Phila., Pa.
Bishop & Giddings, Southington, Conn.
Boekel, Wm. & Co., 518 Vine, Phila., Pa.
Buckley-Hart Mfg. Co., Detroit, Mich.
Cheney, S. & Son, Manlius, N. Y.
Clark, Robt., 98 Schermerhorn, Brooklyn, N. Y.
Climax Specialty Co., Seneca Falls, N. Y.
CRANE CO., Est. 1855, 10 N Jeff'n, Chicago; New York, Philadelphia, St. Louis, Kansas City, Mo.; Sioux City, Omaha, Los Angeles, San Francisco, Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Crescent Brass & Iron Co., Detroit, Mich.
Crescent Mfg. Co., Bristol, Conn.
Davis, John Co., 75 Michigan, Chicago
Devlin, Thos. & Co., 3d & Lehigh av, Phila., Pa.
Eaton, Cole & Burnham Co., 253 B'way, N. Y.
Every Mfg. Co., 102 John, N. Y.
Exeter Brass Works, Exeter, N. H.
Flagg, Stanley G. & Co., 19th & Penn av, Phila., Pa.
Ft. Pitt Malleable & Gray Iron Co., Pittsburg, Pa.
Glenn Mfg. Co., St. Charles, Ill.
Griffing, A. A. Iron Co., Jersey City, N. J.
Grundy Brass Works, 50 Sudbury, Boston, Mass.
Haydenville Co., Haydenville, Mass., & 150 Nassau, N. Y.
Hoffman, B. Mfg. Co., Milwaukee, Wis.
Hoffman-Billings Mfg. Co., Milwaukee, Wis.
Houghton Mfg. Co., Worcester, Mass.
Illinois Malleable Iron Co., 30 West Monroe, Chicago
Iowa Mfg. Co., Oskaloosa, Ia.
Ireland & Matthews Mfg. Co. (Spun Brass), Detroit, Mich.
Jarecki Mfg. Co., Erie, Pa., & Pittsburg, Pa.
Kelly & Jones Mfg. Co., 315 1st av, Pittsburg, Pa.
Kupferle, John C., St. Louis, Mo.
McNab & Harlin Mfg. Co., 56 John, N. Y.
McShane, Henry Mfg. Co., Baltimore, Md.
Miller Specialty Co. ("Cling Fast" Ceiling Plates), Tonawanda, N. Y.
Mulford Heater Co., Galva, Ill.
Nason Mfg. Co., 71 Beekman, N. Y.
Nelson, N. O. Mfg. Co. ("Vosberg," Thimble), 8 St. Charles, St. Louis, Mo.
Newbury, Jay H, Goshen, N. Y.
Newbury Mfg. Co., Monroe, N. Y.
Niagara Radiator Co., North Tonawanda, N. Y.
Ohio Pump & Brass Co. (Floor), 18th & Oak, Columbus, O.
Phillips Mfg. Co., 215 E 34th, N. Y.
Pittsburg Lamp & Brass Co., Allegheny, Pa.
Pleuger & Henger Mfg. Co., St. Louis, Mo.
Powhattan Brass & Iron Works, Charlestown, W. Va.
Rundle-Spence Mfg. Co., Milwaukee, Wis.
Rutzler, E., 178 Centre, N. Y.
Smith & Thayer Co., 236 Congress, Boston, Mass.
Snyder, L. H. & Co., Bristol, Conn.
Springfield Brass Co., Springfield, Mass.
Steele & Johnson Mfg. Co., Waterbury, Conn.
United Metal Mfg. Co., 525 Broome, N. Y.
United States Heater Co., 251 Campbell av, Detroit, Mich.
Victor Excelsior Brass Works, 128 White, New York
Vulcan Iron Works, Charleston, W. Va.
Walworth Mfg. Co., 132 Federal, Boston, Mass.
Waterbury Mfg. Co., Waterbury, Conn.
West Coxsackie Foundry, W. Coxsackie, N. Y.
Western Tube Co., Kewanee, Ill.
Wolverine Brass Works, Grand Rapids, Mich.
Worcester Ferrule & Mfg. Co., Worcester, Mass.

Plates (Index)

Brown & Sharpe Mfg. Co., Providence, R. I.

Plates (Joint)

Colorado Fuel & Iron Co., Denver, Colo., & 71 B'way, N. Y.
Reading Iron Co., Reading, Pa.

Plates (Piano)

Fairbanks Machine Tool Co., Springfield, O.
Kelly, O. S. Co., Springfield, O.

Plates (Kick & Push, Door)

BOMMER SPRING HINGES

257 to 271 Classon av, Brooklyn, N. Y. See adv. index, end of book)
Chicago Hardware Co., 132 Lake, Chicago, & Works, North Chicago, Ill.
Chicago Spring Butt Co., 491 Carroll av, Chicago
Corbin, P. & F., New Britain, Conn., New York, Phila., Pa., & Chicago
HECLA IRON WORKS, 118 N 11th, Brooklyn, N. Y. (See adv. index, end of book)
JACKSON, WM. H. CO., 29 E 17th (Union Square), New York. (See adv. index, end of book)
Mallory-Wheeler Co., New Haven, Conn.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa., 96 Reade N. Y.; Phila., Pa., & Chicago, Ill.
Shelby-Spring Hinge Co. (Stamped, Raised Back), Shelby, O.
Stover Mfg. Co., Freeport, Ill.
WINSLOW BROS. CO., Main Office & Works, 368 Carroll av, Chicago, Ill.; 160 5th av, New York; 326 4th av, Pittsburg, Pa.; Colonial Trust bldg., St. Louis, Mo.; Hennen bldg, New Orleans, La.; 121 New Montgomery, San Francisco, Cal., & Andrus bldg, Minneapolis, Minn. (See adv. index, end of book)
Yale & Towne Mfg. Co., Stamford, Conn., & 9 Murray, N. Y.; Witherspoon bldg, Phila., Pa.; 131 Wabash av, Chicago; 12 Pearl, Boston, Mass., & San Francisco, Cal.

Plates (Mending)

Brewer Bros. (Wrought), 614 Filbert, Phila., Pa.
STANLEY WORKS (Wrought Steel), New Britain, Conn, & 79 Chambers, New York. (See adv. index, end of book)
Wilcox Mfg. Co., Aurora, Ill.

Plates (Pressed Steel)

PRESSED STEEL TANK CO., (Flanged, Deep Stamped, Forged or Drawn to Shape), Milwaukee, Wis. (See adv. index, end of book)

Plates (Pressed Steel Spring)

Davis Pressed Steel Co. (Pressed Steel), Wilmington, Del.

Plates (Rapping)

(For Foundry Use.)

Kelly, Thos. P. & Co. ("Fraser"), 544 W 22d, New York
SMITH, J. D. FOUNDRY SUPPLY CO. ("Acme"), 40 S Water, Cleveland, O. (See adv. index, end of book)

Plates (Roll)

Foster Bros. & Chatillion Co. (And Bars), Fulton, N. Y.

Plates (Screen)

Eastwood Wire Mfg. Co. (Rolled Brass & Perfection Bronze), Belleville, N. J.

Plates (Splice)

KOPPEL, ARTHUR, 66 Broad, New York. (See adv. index, end of book)
Penna. Steel Co., Steelton, Pa.; Girard bldg, Philadelphia, Pa.; 70 Kilby, Boston, Mass., 71 B'way, New York
Reading Iron Co., Reading, Pa.

Plates (Steel Etching)

Lippert, E. T. (Used in Glass Houses for Decorating Glassware), Lincoln av nr North av, Pittsburg, Pa.

Plates (Surface)

Brown & Sharpe Mfg. Co., Providence, R. I.
Gould & Everhardt ("Standard"), Newark, N. J.
Hazelton & Donald Machine Co., Phila., Pa.
Putnam Machine Co., Fitchburg, Mass.
Snyder & Metcalf, Waterford, N. Y.

Plates (Tie)

Atlas Railway Supply Co., Manhattan bldg, Chicago, Ill.
BUDA FOUNDRY & MFG. CO., Railway Exch. bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
Cambria Steel Co., Arcade bldg, Philadelphia, Pa.; 71 B'way, New York. Works, Johnstown, Pa
CHISHOLM & MOORE MFG. CO., Cleveland, O. (See adv. index, end of book)
Danville-Bessemer Co., Danville, Pa.
Diamond State Steel Co., Wilmington, Del.
Dilworth, Porter & Co. (Goldie Claw, etc.), German Natl. Bank bldg, Pittsburg, Pa., & 127 Duane, NewYork
Fuller, Geo. (The Hart), Old Colony bldg, Chicago, Ill.
Illinois Steel Co., The Rookery, Chicago, & 71 B'way, New York
Independent Railroad Supply Co. ("Federal"), The Rookery, Chicago, Ill.
KOPPEL, ARTHUR, 66 Broad, New York. (See adv. index, end of book)
Oliver Iron & Steel Co., Pittsburg, Pa.
Sellers Mfg. Co., 27 W Chicago av, Chicago, Ill.
Weir Frog Co., Beach & Highland av, Cincinnati, O.
Wharton, Wm., Jr., & Co. (Inc.), 25th & Washington av, Philadelphia, Pa.

Plates (Wire Drawing)

Newton, J. W. (Importer & Dealer), 81 John, New York

Plates (Zinc)

Edes Mfg. Co., Plymouth, Mass.
Phillips, Ezra & Sons (Pure Rolled), South Hanover, Mass.

Platforms (Steel Car)

National Car Coupler Co., Monadnock blk, Chicago, Ill. Works, Converse, Ind.
Standard Coupler Co., 100 B'way, New York. Works, Bridgeport, Conn.

Plating (Duplex Bronze)

HECLA IRON WORKS, N 11th & Berry, Brooklyn, N. Y. (See adv. index, end of book)

Plating Works

Acorn Brass Mfg. Co., 51 N Peoria, Chicago, Ill., & St. Louis, Mo.
Arcade Mfg. Co. (Nickel), Freeport, Ill.
Boston Brass Co. (Nickel Platers), 36 Oliver, Boston, Mass.
Buescher Mfg. Co. (All Kinds), Elkhart, Ind.
Chadborn Mfg. Co. (Nickel, etc.), Newburgh, N. Y.
Clark, John W. (Nickel), Albany, N. Y.
Columbia Machine Works & Malleable Iron Co. (Nickel, etc.), 167 Chestnut, Brooklyn, N. Y.
Detroit Bronze & Plating Works (Nickel, Silver Plating, Oxidizing Antique Coloring, Bright Dipping), Detroit, Mich.
Devlin, Thos. Mfg. Co. (Electro Plating in Gold Silver, Nickel, Brass & Bronze), 3d & Lehigh av, Phila., Pa.
Doyle, Wm. J. (Polishing, Nickel Plating, Lacquering, etc.)
Eastwood Wire & Mfg. Co. (Nickel Platings, Oxydizing), Belleville, N. J.
Edwardsville Brass Co. (Nickel, Electro, etc.), Edwardsville, Ill.
Enterprise Brass & Plating Co., Clark & Harriet, Cincinnati, O.
Fanning Mfg. Co. (Nickel, etc.), Morgan, Pratt & Superior, Chicago, Ill.
Fauber Mfg. Co. (Nickel Plating, Polishing, etc.), Elgin, Ill.
Frazer & Jones (Nickel, Brass & Copper), Syracuse, N. Y.
Kelm, John R. (Nickel, etc.), Kensington av & Erie R. R., Buffalo, N. Y.
Kienzle, W. F. (Gold, Silver, Oroide, Brass & Nickel), 92 Ohio, Chicago, Ill.
Laughlin, Thos. Co. (Nickel Plating), Portland, Maine
Loeffelholz & Co. (Silver & Nickel), Milwaukee, Wis.
Miller, J. Walter (Gold, Silver & Nickel), Lancaster, Pa.
Milwaukee Automatic Machine Co. (Brass, Copper & Nickel), Milwaukee, Wis.
Mousley, Chas. & Sons (Nickel), 457 N 12th, Phila., Pa.
Naugatuck Mfg. Co., Naugatuck, Conn.
Ohio Foundry Co. (Nickel), Cleveland, O.
Palmer & De Mooy Fdy. Co. (Bronze, Nickel, etc.), Cleveland, O.
Pleuger & Henger Mfg. Co., 11th & Hebert, St. Louis, Mo.
Reading Machine & Tool Co., Reading, Pa.
Spindler, Jno. J. (Gold, Silver, Nickel & Brass), Evansville, Ind.
Standard Plating Co. (Oxydizing, Polishing & Lacquering, etc.), Evansville, Ind.
Timberlake, J. B. (Gold, Silver & Nickel), Jackson, Mich.
Turner Brass Works, Franklin & Michigan, Chicago, Ill.
Turner & Seymour Mfg. Co. (Silver, Nickel Gold, etc.), Torrington, Conn
WRIGHT WIRE CO. (All Kinds of Plating), Worcester, Mass. (See adv. index, end of book)

Platinum

Baker & Co. (Inc.) (Special Shapes), Newark, N. J.
Bishop, J. & Co. (Refiners & Melters, Wire, Plate, Tubes & Special Shapes), Malvern, Pa.
Croselmire & Ackor, Newark, N. J.
Goldsmith Bros., 65 Washington, Chicago, Ill.
Platt, C. S., 31 Gold, New York, N. Y.
Schawel, Jas. & Co., 29 John, N. Y.

Platinum Sheet & Wire

Baker & Co., 408 N. J. R. R. av, Newark, N. J.
Bishop, J. & Co., Malvern, Pa.
Croselmire & Ackor (Sheet or Wire), 253 N. J. R. R. av, Newark, N. J.
Schawel, J. & Co., 29 John, New York

Pliers (Fencing)

Cronk & Carrier Mfg. Co., Elmira, N. Y.
Whitman & Barnes Mfg. Co. (Staple Puller), West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York

Pliers (Gas)

Ashcroft Mfg. Co., 85 Liberty, N. Y.
Athol Machine Co., Athol, Mass.
Bernz, Otto, S 13th, c S Orange av, Newark, N. J.
Billings & Spencer Co., Hartford, Conn.
Bridgeport Hardware Mfg. Co., Bridgeport, Conn.
Cincinnati Tool Co., Norwood, Cincinnati, O.
Clark, A. N. & Son, Plainville, Conn.
Climax Specialty Co., Seneca Falls, N. Y.
Cronk & Carrier Mfg. Co., Elmira, N. Y.
Danielson, J. P. & Co. (Combination Drop Forged), Jamestown, N. Y.
Jennings, C. E. Co., 79 Reade, New York
Kilborn & Bishop Co., New Haven, Conn.
King, J. M. & Co., Waterford, N. Y.
Kraeuter & Co., 577 13th, Newark, N. J.
Lowentraut, P. Mfg. Co., Newark, N. J. Pa.
Meyers, Frederick J. Mfg. Co., Hamilton, O.
Osborne, C. S. & Co., Newark, N. J.
Peck, Stow & Wilcox Co., Southington, Conn.
Reed Mfg. Co., Erie, Pa.
Sargent & Co., New Haven, Conn., & 151 Leonard, N. Y.
Schollhorn, Wm. Mfg. Co., New Haven, Conn.
Smith & Egge Mfg. Co. ("S. & E. M. Co."), Bridgeport, Conn.
Springfield Machine Screw Co. ("Diamond"), Springfield, Mass.
Stortz, John & Son, 210 Vine, Philadelphia, Pa.
Tower & Lyon Co., 95 Chambers, N. Y.
Utica Drop Forge & Tool Co., Utica, N. Y.
Vaughan & Bushnell Mfg. Co., 875 Carroll av, Chicago, Ill.
Walworth Mfg. Co., 132 Federal, Boston, Mass.
Washington Tool Co., Owatonna, Minn.

Pliers (Glass Cutters')

Monce, S. G., Unionville, Conn.
Stortz, Jno. & Son, 210 Vine, Phila., Pa.

Pliers (Lead Pipe Expanding)

Anderson Coupling Co., Portland, Conn.

Pliers (Lineman's)

Cincinnati Tool Co. ("Hargrave's"), Cincinnati, O.
Cronk & Carrier Mfg. Co. (Insulated), Elmira, N.Y.
Dicke Tool Co., Downers Grove, Ill.
Klein, Mathias & Son, 87 W Van Buren, Chicago, Ill.
Peck, Stow & Wilcox Co. (Mica Handle), Southington, Conn., & 27 Murray, New York
Schollhorn, Wm. Co. ("Bernard's"), New Haven, Conn.
Utica Drop Forge & Tool Co., Utica, N. Y.

Pliers & Nippers

See also Clinchers.
Also Pliers, Gas.

Athol Machine Co. (Combination, etc.), Athol, Mass.
Bayliss Co., 140 Wash'n, New York
Bernz, Otto (Cutting, Combination, etc.), S 10th c S Orange av, Newark, N. J.
Billings & Spencer Co. (Cutting, Combination, Gas, etc.), Hartford, Conn.

Blair, E., Bucyrus, O.
Bridgeport Hardware Mfg. Corp. (Gas, Flat Nose & Combination Piers, etc.), Bridgeport, Conn
Cincinnati Tool Co. (Combination Pliers, etc.), Norwood, Cincinnati, O.
Clark, A. N. & Son, Plainville, Conn.
Cronk & Carrier Mfg. Co. (Combination Pliers), Elmira, N. Y.
Danielson, J. P. & Co. (Drop Forged Combination Gas Pliers, Wire Cutter & Screw Driver Combined), Jamestown, N. Y.
Dicke Tool Co. (Combination, Wireman's, etc.), Downers Grove, Ill.
Hurwood Mfg. Co. (Inc.) (Side-Cutting, Ball Bearing), Bridgeport, Conn.
Kilborn & Bishop Co. ("Forged Combination & Gas Pliers"), New Haven, Conn.
King, J. M. & Co. (Combination, etc.), Waterford, N. Y.
Kraeuter & Co. (Combination, 577 18th av, Newark, N. J.
Osborne, C. S. & Co. (Gas), Newark, N. J.
Peck, Stow & Wilcox Co. (Round & Flat Nose, etc.), Southington, Conn.; Cleveland, O., & 27 Murray, New York
Reed Mfg. Co. (Combination Gas Pliers), Erie, Pa.
Scholhorn, Wm. Co. (Pliers & Nippers Combined), New Haven, Conn.
Stortz, John & Sons, 210 Vine, Phila., Pa.
Utica Drop Forge & Tool Co. (Cutting, etc.), Utica, N. Y.
Walworth Mfg. Co. (Gas, etc.), 132 Federal,

Pliers & Wire Shears Combined

WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)

Plow Beams (Steel)

Buffalo Steel Co. (Bessemer Steel), Tonawanda, N. Y.
Cambridge Rolling Mill Co. (Bessemer Steel), Cambridge, O.
Carnegie Steel Co., Carnegie bldg, Pittsburg, Pa.; Penna bldg, Phila., Pa.; The Rookery, Chicago, Ill, & 71 B'way, New York
Empire Plow Co., Cleveland, O.
Hench & Dromgold Co., York, Pa.
Inland Steel Co., 204 Dearborn, Chicago, Ill.
Norwalk Steel & Iron Co., Norwalk, O.
Shunk Plow Co., Bucyrus, O.

Plow Coulters

Avery, B. F. & Sons (Moore), Louisville, Ky.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Bradley, David Mfg. Co. ("Bradley" Caste), Bradley, Ill.
Buckeye Mfg. Co. ("O. K."), Canton, O.
Cambria Steel Co. (Gautier Dept.), Johnstown, Pa.
Carnegie Plow & Mfg. Co. ("Universal" & "Star"), Carnegie, Pa.
Clayton, John Plow Works ("Universal"), Minneapolis, Minn.
Collins Plow Co., Quincy, Ill.
Eaton Plow Works (V. A. Stookey & Son, Prop.), Pickneyville, Ill.
Empire Plow Co., Cleveland, O.
Fuller & Johnson Mfg. Co., Madison, Wis.
Hartford Plow Works ("Tally Ho"), Hartford, Wis.
Hartman Mfg. Co. ("Acme" Jr. & Sr.), Vincennes, Ind.
Hench & Dromgold Co., York, Pa.
Herschel, R. Mfg. Co., Peoria, Ill.
Kingman Plow Co. ("Kingman Universal"), Peoria, Ill.
La Crosse Plow Co. ("La Crosse"), La Crosse, Wis.
Minneapolis Plow Works ("Johnson," "Quincy," "Monitor," "Invincible"), Minneapolis, Minn.
Moline Plow Co. ("New Universal" Roller), Moline, Ill.
Moore, C. H., Toledo, O.
Morris Bros. ("Cyclone" Roller & Breaker), Dewitt, Iowa
Morrison Mfg. Co., Ft. Madison, Iowa
Nevin & Wetmore, Lowville, N. Y.
Parlin & Orendorff Co., Canton, Ill.
Rock Island Plow Co. ("Universal," "Rock Island"), Rock Island, Ill.
South Bend Chilled Plow Co., South Bend, Ind.
Sparta Plow Works ("Adjustable"), Sparta, Ill.
Spier, Hugh ("Boss"), Bunker Hill, Ill.
Star Coulter Co. ("Star"), Canton, O.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Thompson, J. & Sons Mfg. Co., Beloit, Wis.
United States Implement Co. ("King"), Canton, O.
Weyburn Co. ("Ideal" Rolling), Rockford, Ill.
Whitman & Barnes Mfg. Co., Akron, O., Syracuse, N. Y.; Chicago, Ill., & 111 Chambers, N. Y.

Plow Manufacturers

Adams, S. & Son, Rome, N. Y.
Akron Cultivator Co., Akron, O.
Allen, S. L. & Co., 1107 Market, Phila., Pa.
Almy, Saml. & Son, Trumansburg, N. Y.
American Harrow Co., Detroit, Mich.
American Plow Co., Madison, Wis.
American Road Machine Co., Kennett Square, Pa.
Ames Plow Co., Quincy Hall, Boston, Mass.
Arnold's, G. W. Son, Ionia, Mich.
Atlanta Plow Co., Atlanta, Ga.
Austin-Bryan Mfg. Co. (Wood & Steel Beam), Birmingham, Ala.
Avery, B. F. & Sons (Chilled Steel), Louisville, Ky.
Babcock Mfg. Co., Leonardsville, N. Y.
Barnes Mfg. Co., Lanesboro, Pa.
Bailey, E. Martin, Leroysville, Pa.
Bailey, Nichols & Co., Delavan, Ill.
Ball, Mitchell & Co., Maysville, Ky.
Bay City Plow Works, Bay City, Mich.
Beach Mfg. Co. (Chilled), Lyons, Mich.
Beachtolt, Geo. E., Urbana, O.
Becker, J. E., Appleton, Wis.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Bement's, E. Sons (Chilled), Lansing, Mich.
Benicia Agricultural Works, Benicia, Cal.
Billup, C. Son & Co., Norfolk, Va.
Bissell, T. M. Plow Co., Eaton Rapids, Mich.
Bostwick, A. & Son, Lapeer, Mich.
Bowers, R. Q. & Sons, Hackettstown, N. J.
Blount, Henry F., Evansville, Ind.
Bradley, David Mfg. Co. (Chilled), Bradley, Ill.
Bradley, P., Harrisonburg, Va.
Brinly-Hardy Co. (Hand Welded Steel Point), Louisville, Ky.
Brokau, Abram, Bloomington, Ill.
Bromley Foundry Co. (Chilled), Albion, N. Y.
Brookman, A. F., Bay City, Mich.
Brown, Geo. W. & Co., Galesburg, Ill.
Brown, J. I., Woodbury, Pa.
Brown-Manly Plow Co., Malta, O.
Brown Mfg. Co., Zanesville, O.
Bryan Plow Co., Bryan, O.
Bucher & Gibbs Plow Co. (Chilled & Steel), Canton, O.
Buckeye Mfg. Co., Canton, O.
Buckley, R. C., Peoria, Ill.
Buhr, H. J. & Co., Washington, Mo.
Burch Plow Works Co., Crestline, O.
Burton Handle Co. (Chilled), Burton, O.
Carnegie Plow & Mfg. Co. ("Princess Road & Rooter), Carnegie, Pa.
Carter, W. D. Mfg. Co., Canisteo, N. Y.
Case, J. I. Plow Works, Racine, Wis.
Cass City Fdy. & Machine Co., Cass City, Mich.
Castile Chilled Plow Co., Castile, N. Y.
Cast Steel Plow Co., Dayton, O.
Caward, R. S., Cresco, Iowa
Chambers, N. Y.; Chicago, Ill., & Syracuse, N. Y.
Champlain Agricultural Works, Champlain, N. Y.
Chattanooga Plow Co (Chilled), Chattanooga Tenn.
Christiansburg Chilled Plow & Machine Works (Chilled), Christiansburg, Va.
Clipper Chilled Plow Co. (Chilled), Elmira, N. Y
Clore's Wm. Sons, Rising Sun, Ind.
Collins Plow Co. (Walking or Riding), Quincy Ill.
Columbia Plow Works (Chilled), Copake Iron Works, N. Y
Cooper, A. A. Wagon & Buggy Co., Dubuque Iowa
Cousins, W. C. ("20th Century"), Ferrum, Va.
Davidson Foundry Co., Canandaigua, N. Y.
Davis Mfg. Co. (Chilled), Flushing, Mich.
Deats, Hiram, Jr., Pittstown, N. J.
Deere & Co., Moline, Ill.
Donaldson Bros. (Steel & Wood Beam), Mt. Clemens, Mich.
Drummond Plow Co., Asheville, N. C.
Dutton, E. L. & Co. (Iron & Wood Beam), Cato, N. Y.
Eagle Mfg. Co., Kansas City, Mo.
Eaton Plow Works (V. A. Stookey & Son, Props.), Pickneyville, Ill.
Eddy, W. Plow Co., Greenwich, N. Y.
Emerson Mfg. Co., Rockford, Ill.
Empire Plow Co., Cleveland, O.
Eureka Plow Co. (Walking), Utica, N. Y.
Fair & Sons, Blaine, Mich.
Fairfield Plow Works, North Fairfield, O.
Farquhar, A. B. Co. (Chilled), York, Pa.
Fonda, F. A., East Galway, N. Y.
Fuller & Johnson Mfg. Co., Madison, Wis.
Gale Mfg. Co. (Chilled), Albion, Mich.
Geiser Mfg. Co., Waynesboro, Pa.
Geneva Tool Co., Geneva, O.
Gesley Mfg. Co., Beloit, Wis.
Goddard, Silas & Son (Steel & Iron), South Durham, Me.
Gowanda Agricultural Works Co. (Steel), Gowanda, N. Y.
Grand Delour Plow Co. (Listing), Dixon, Ill.
Greenville Implement Co., Greenville, Mich.
Hall, Jas. H. Plow Co., Maysville, Ky.
Hamackek, Frank, Kewaunee, Wis.
Hancock, M. T., Chattanooga, Tenn.
Hapgood Plow Co., Alton, Ill.
Harms, Daniel G., Peoria, Ill.
Harriman Plow & Handle Co., Harriman, Tenn.
Hartford Plow Works, Hartford, Wis.
Hartig-Becker Plow Co., Evansville, Ind.
Hauge, G. A., Albert Lea, Minn.
Hillsdale Plow Co., Hillsdale, N. Y.
Hildreth, G. W. & Co. (Scotch), Lockport, N. Y.
Hood & Blake, Marlette, Mich.
Hulbert, Geo. A., Old Catham, N. Y.
Hussey Plow Co., N Berwick, Me.
Implement Mfg. Co., Davenport, Iowa
Indiana Road Machine Co., Ft. Wayne, Ind.
Ironton Disc Plow Co., Ironton, O.
Janesville Machine Co., Janesville, Wis.
Johnson, Jno. S., Waukon, Iowa
Johnson & Smith Co., Austin, Minn.
Kaster, P. M., Rimersburg,
Kelly, G. A. Plow Co., Longview, Texas
Kennehan, P. E., Brasher Falls, N. Y.
Kerns, H. O., Sutherlin, Va.
Keystone Farm Machinery Co., York, Pa.
Kingman Plow Co., Peoria, Ill.
Knutson, C., Berlin, Wis.
La Crosse Plow Co., La Crosse, Wis.
Lee, R. E., Almont, Mich.
Lehr Agricultural Co., Fremont, O.
Leroy Plow Co., Leroy, N. Y.
Little, O. J., Deckertown, N. J.
Logan Foundry & Machine Works, Logan, O.
Long & Allstatter Co., Hamilton, O.
Look & Lincoln, Marion, Va.
Loose, Samuel A., Hamburg, Pa.
Lovejoy, Henry H. & Son, Cambridge, N. Y.
Luthy & Co., Peoria, Ill.
McDonnell, John & Son, Jackson, Miss.
Marietta Mfg. Co., Marietta, O.
Marsh, E. B. Bro. & Co., Snydersville, Pa.
Martinsburg Foundry, Martinsburg, Pa.
Matteson & Williamson Mfg. Co., Stockton, Col.
May, Wm. H. & Son, Alexandria, Va.
Merrill, F. C., South Paris, Me.
Midland Mfg. Co., Fariko, Mo.
Minneapolis Plow Works, Minneapolis, Minn.
Minnesota Moline Plow Co., Minneapolis, Minn.
Moline Plow Co., Moline, Ill.
Monmouth Plow Co., Monmouth, Ill.
Morrison Mfg. Co., Ft Madison, Ia.
Mt. Pleasant Plow Co., Mt. Pleasant, Mich.
Mountville Mfg. Co., Mountville, Pa.
Munnsville Plow Co., Munnsville, N. Y.
Murkland, J. W. Barton, Vt.
Neosho Chilled Plow Works, Neosho, Mo.
Nevins Iron Works, Lowville, N. Y.
New York Agricultural Co., 81 Fulton, New York, & Boonton, N. J.
Oldendorph, Jacob (Iron Beam), Waterloo, Ill.
Oliver Rake Co., Dayton, O.
Ohio Cultivator Co., Bellevue, O.
Oyler Plow Co., Barberton, O.
Painter & Frankland, Albion, Ill.
Parlin & Orendorff Co., Canton, Ill.
Parrott Mfg. Co., Dayton, O.
Peek, S. H. (Steel), East Aurora, N. Y.
Pekin Plow Co., Pekin, Ill.
Peru Plow & Wheel Co., Peru, Ill.
Puddock & Lermont, Harbor Beach, Mich.
Reeves & Co. (Inc.), Columbus, Ind.
Richmond Plow Co., Richmond, Ind.
Ripson, Wm. & Son, Youngstown, N. Y.
Robinson Chilled Plow Co., Canandaigua, N. Y.
Rockford Mfg. Co., Rockford, Ill.
Rock Island Plow Co. (Chilled & Steel), Rock Island, Ill.

Ross, A. M. & Co., Ilion, N. Y.
Rowell, I. B. & Co., Menominee Falls, Wis.
St. Joseph Mfg. Co. (Chilled & Steel), Mishawaka, Ind.
St. Joseph Plow Co., St. Joseph, Mo.
Satley Mfg. Co., Springfield, Ill.
Sellers, Edw., Oakhall Station, Pa.
Shangle, John R., Hightstown, N. J.
Sioux City Plow Co., Sioux City, Iowa
Shunk Plow Co., Bucyrus, O.
Smalley Mfg. Co., Manitowoc, Wis.
Smith-Amann Plow Co., Columbus, O.
Smith & Sons Mfg. Co., Kansas City, Mo.
South Bend Chilled Plow Co. (Chilled), South Bend, Ind.
South Bend Foundry Co., South Bend, Ind.
Southern Agricultural Works Co. (Chilled), Atlanta, Ga.
Southern Plow Co., Columbus, Ga.
Southern Rock Island Plow Co., Rock Island, Ill.
Sparta Plow Works, Sparta, Ill.
Speer, A. & Sons, Pittsburg, Pa.
Spleth, Gottlieb F., Des Moines, Ia.
Star Mfg. Co., Carpentersville, Ill.
Stark's Dixie Plow Works, Richmond, Va.
Stehn Mfg. Co., Sheboygan, Wis.
Stoughton Wagon Co., Stoughton, Wis.
Steward, A. T. Co., Carnegie, Pa.
Stoddard Mfg. Co., Dayton, O.
Stroker, Fritz C., Olney, Mo.
Swinton & Co., Port Jervis, N. Y.
Syracuse Chilled Plow Co. (Chilled), Syracuse, N. Y.
Thompson, J. & Sons Mfg. Co. (Chilled), Beloit, Wis.
Toledo Plow Co., Toledo, O.
Tomasek & Nekola, La Crosse, Wis.
Towers & Sullivan Mfg. Co., Rome, Ga.
Varney, J. B., Plow Co., North Berwick, Me.
Volunteer Disc Plow Co., Chattanooga, Tenn.
Vulcan Plow Co. (Chilled & Steel), Evansville, Ind.
Wagner Plow Co., Indianapolis, Ind.
Walker-Sims Plow Co., Atlanta, Ga.
Watkins Chilled Plow Co. (Chilled), Watkins, N. Y.
Watts Plow Co., Richmond, Va.
Wayne Agricultural Works, Goldsboro, N. C.
Wells, H. B. & Sons, Ithaca, N. Y.
Wells-Jones Plow Co., Jackson, Tenn.
Western Wheeled Scraper Co., Aurora, Ill.
White, S. R. Bro., Norfolk, Va.
Whitehurst, R. W. Co., Norfolk, Va.
Whitman, E. B. & Co. (Chilled), Baltimore, Md.
Whitman & Barnes Mfg. Co., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York
Wiard Plow Co. (Chilled & Steel), Batavia, N. Y.
Wilder-Strong Implement Co., Monroe, Mich.
Wolverine Plow Co., Kalamazoo, Mich.

Plowing Outfits (Steam)

Geiser Mfg. Co., Waynesboro, Pa.

Plows (Breaking)

American Road Machine Co., Kennett Square Pa.
Avery, B. F. & Sons, Louisville, Ky.
Bement's, E. Sons, Lansing, Mich.
Bradley, David Mfg. Co., Bradley, Ill.
Brinly-Hardy Co., Louisville, Ky.
Brown, Geo. W. & Co. (Rod), Galesburg, Ill.
Brown-Manly, Malta, O.
Bucher & Gibbs Plow Co. (Chilled), Canton, O.
Busch Plow Works Co., Crestline, O.
Case, J. I. Plow Works, Racine, Wis.
Chattanooga Plow Co., Chattanooga, Tenn.
Clipper Plow Co., Defiance, O.
Deere & Co., Moline, Ill.
Eagle Mfg. Co. (Middle Buster), Kansas City, Mo.
Emerson Mfg. Co., Rockford, Ill.
Fuller & Johnson Mfg. Co., Madison, Wis.
Gale Mfg. Co., Albion, Mich.
Grand Detour Plow Co., Dixon, Ill.
Hench & Bromgold Co., York, Pa.
Hopgood Plow Co., Alton, Ill.
Hortig-Becker Plow Co., Evansville, Ind.
Johnson & Smith Co. (Grub & Sod), Austin, Minn.
Kingman Plow Co., Peoria, Ill.
La Crosse Plow Co., La Crosse, Wis.
Lanfersleck-Grothaus Co., New Bremen, O.
Lee Bros., Watertown, S. Dak.
Lehr Agricultural Co., Fremont, O.
Messinger Mfg. Co., Tatamy, Pa.
Minneapolis Plow Works, Minneapolis, Minn.
Moline Plow Co., Moline, Ill.
Morrison Mfg. Co. (Middle Breakers), Ft. Madison, Ia.
Oliver Chilled Plow Works, South Bend, Ind.
Parlin & Orendorff Co. (Canton), Canton, Ill.
Parrott Mfg. Co., Dayton, O.
Peru Plow & Wheel Co. (Tongue & Tongueless), Peru, Ill.
Richmond Plow Co., Richmond, Ind.
Rock Island Plow Co., Rock Island, Ill.
St. Joseph Mfg. Co., Mishawaka, Ind.
St. Joseph Plow Co., St. Joseph, Mo.
Satley Mfg. Co., Springfield, Ill.
Schuerenberg, F. W. (Also Wagons), Brenham, Tex.
Shunk Plow Co. (Steel, Street, etc.), Bucyrus, O.
Sioux City Plow Co. (Rod Breakers), Sioux City, Ia.
Smith-Amann Plow Co. (Combination), Columbus, O.
South Bend Chilled Plow Co., South Bend, Ind.
Southern Agricultural Works Co., Atlanta, Ga.
Southern Plow Co., Columbus, Ga.
Sparta Plow Works, Sparta, Ill.
Star Mfg. Co., Carpentersville, Ill.
Thompson, J. & Sons Mfg. Co., Beloit, Wis.
Toledo Plow Co., Toledo, O.
Vulcan Plow Co., Evansville, Ind.
Wagner Plow Co. (Chilled & Steel), Indianapolis, Ind.
White, S. R. & Bro. (Grub), Norfolk, Va.

Plows (Contractors)

Acme Road Machinery Co., Frankfort, N. Y.
American Road Machine Co., Kennett Square, Pa.
American Steel Scraper Co. (Road), Sidney, O.
Ames Plow Co., Quincy Hall, Boston, Mass.
Austin, F. C. Co., Manhattan bldg, Chicago, Ill. Works, Harvey, Ill.
Avery, B. F. & Sons, Louisville, Ky.
Blount, Henry F. (Railroad), Evansville, Ind.
Bradley, David Mfg. Co., Bradley, Ill.
Brinly-Hardy Co., 344 E Main, Louisville, Ky.
Bucher & Gibbs Plow Co., Canton, O.
Carnegie Plow & Mfg. Co. ("Princess" Rooter & Road), Carnegie, Pa.
Case, George F., Stanton, Mich.
Case, J. I. Plow Works, Racine, Wis.
Climax Road Machine Co., Marathon, N. Y.
Clipper Plow Co. (Road), Defiance, O.
Collins Plow Co. (Boss & Giant, 2 to 12 Horses), Quincy, Ill.
Contractors' Plant Mfg. Co., 129 Erie, Buffalo, N. Y.
Deere & Co., Moline, Ill.
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y., & 42 Dey, New York. (See adv. index, end of book)
FAIRBANKS, MORSE & CO. (Grading, etc.), Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati, 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Ore.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Fuller & Johnson Mfg. Co., Madison, Wis.
Gale Mfg. Co. (Road & Railroad), Albion, Mich.
Good Roads Machinery Co., Kennett Square, Pa.
Gowanda Agricultural Works Co. (Grading), Gowanda, N. Y.
Heller, P. J., Montclair, N. J.
Hildreth, G. W. & Co., Lockport, N. Y.
Indiana Road Machine Co., Fort Wayne, Ind.
Johnson & Smith Co. (Railroad, etc.), Austin Minn.
Kilburne & Jacobs Mfg. Co., Columbus, O.
Kingman Plow Co., Peoria, Ill.
Lovejoy, Henry H. & Son, Cambridge, N. Y.
Moline Plow Co., Moline, Ill.
Minneapolis Plow Works, Minneapolis, Minn.
Morrison Mfg. Co., Ft. Madison, Iowa
Oliver Chilled Plow Co., South Bend, Ind.
Parlin & Orendorff Co., Canton, Ill.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Rock Island Plow Co., Rock Island, Ill.
St. Joseph Plow Co., St. Joseph, Mo.
Scholl, Julian & Co., 126 Liberty, N. Y.
SHAW, WILLIS, 171 Lasalle, Chicago, Ill. (See adv. index, end of book)
Shunk Plow Co., Bucyrus, O.
Sidney Steel Scraper Co., Sidney, O.
Slusser-McLean Scraper Co. (Rooter), Sidney, O.
Smith & Sons Mfg. Co., Lydia & Guinotte avs, Kansas City, Mo.
Stewart, A. T. Co., Carnegie, Pa.
Sturgis, W. B. & Son (Road), Shelbyville, Ind.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Thompson, J. & Sons Mfg. Co., Beloit, Wis.
Vulcan Plow Co. (Road), Evansville, Ind.
Western Wheeled Scraper Co. (Rooter & Grading), Aurora, Ill.
Whitehurst, R. W. Co., Norfolk, Va.
Wiard Plow Co., Batavia, N. Y.

Plows (Disc or Rotary)

Avery, B. F. & Sons, Louisville, Ky.
Bement's, E. Sons, Lansing, Mich.
Benicia Agricultural Works, Benicia, Cal.
Bissell Chilled Plow Works (The Rival), South Bend, Ind.
Bradley, David Mfg. Co., Bradley, Ill.
Chattanooga Plow Co., Chattanooga, Tenn.
Cutaway Harrow Co. (Disc Sulky), Higganum, Conn.
Deere & Co., Moline, Ill.
Eagle Mfg. Co., Kansas City, Mo.
Emerson Mfg. Co., Rockford, Ill.
Fuller Mfg. Co. ("Fuller-Lee"), East Moline, Ill.
Hancock, M. T. (Disc), Chattanooga, Tenn.
Ironton Disc Plow Co., Ironton, O.
Long & Allstatter ("Hamilton," "Honcock" Disc), Hamilton, O.
Moline Plow Co. (Rotary), Moline, Ill.
Parlin & Orendorff Co., Canton, Ill.
Rock Island Plow Co., Rock Island, Ill.
Sanders, Newell Plow Co., Chattanooga, Tenn.
Satley Mfg. Co., Springfield, Ill.
South Bend Chilled Plow Co., South Bend, Ind.
Southern Agricultural Works, Atlanta, Ga.
Stoddard Mfg. Co. (Sulkey), Dayton, O.
Texas Disc Plow Co., Dallas, Tex.
Volunteer Disc Plow Co., Chattanooga, Tenn.

Plows (Ditching)

American Road Machine Co., Kennett Square, Pa.
Ames Plow Co., Quincy Hall, Boston, Mass.
Deere & Co., Moline, Ill.
Hench & Dromgold Co., York, Pa.
Larimer Mfg. Co., Latrobe, Pa.
Munnsville Plow Co., Munnsville, N. Y.
Parlin & Orendorff Co., Canton, Ill.
St. Joseph Plow Co., St. Joseph, Mo.

Plows (Gang)

Avery, B. F. & Sons, Louisville, Ky.
Bement's, E. Sons, Lansing, Mich.
Benicia Agricultural Works, Benicia, Cal.
Bissell Chilled Plow Works (The Rival), South Bend, Ind.
Bradley, David Mfg. Co., Bradley, Ill.
Brown, George W. & Co., Galesburg, Ill.
Bucher & Gibbs Plow Co. (Walker & Riding), Canton, O.
Case, J. I. Plow Works, Racine, Wis.
Cass City Foundry Co., Cass City, Mich.
Coffeyville Implement & Mfg. Co., Coffeyville, Kan.
Collins Plow Co., Quincy, Ill.
Deere & Co. (Disc), Moline, Ill.
Emerson Mfg. Co., Rockford, Ill.
Farquhar, A. B. Co., York, Pa.
Fuller & Johnson Mfg. Co., Madison, Wis.
Gale Mfg. Co. (Chilled), Albion, Mich.
Geiser Mfg. Co., Waynesboro, Pa.
Grand Detour Plow Co., Dixon, Ill.
Greenville Implement Co., Greenville, Mich.
Hapgood Plow Co., Alton, Ill.

When writing to firms whose names appear in this book please mention Hendricks' Directory.

Janesville Machine Co., Janesville, Wis.
Keystone Iron Works, Los Angeles, Cal.
Kingman Plow Co., Peoria, Ill.
Kingman & Co., Peoria, Ill.
La Crosse Plow Co., La Crosse, Wis.
Matteson & Williamson Mfg. Co. (Reversible), Stockton, Cal.
Minneapolis Plow Works, Minneapolis, Minn.
Moline Plow Co., Moline, Ill.
Monmouth Plow Co., Monmouth, Ill.
Morrison Mfg. Co., Ft. Madison, Ia.
Oliver Chilled Plow Works, South Bend, Ind.
Parlin & Orendorff Co., Canton, Ill.
Pekin Plow Co., Pekin, Ill.
Peppler, Thomas, Hightstown, N. J.
Peru Plow & Wheel Co., Peru, Ill.
Rock Island Plow Co., Rock Island, Ill.
Rowell, I. B. & Co., Menominee Falls, Wis.
Sattley Mfg. Co., Springfield, Ill.
Shangle, John R., Hightstown, N. J.
Shaw, H. C. Co., Stockton, Cal.
South Bend Chilled Plow Co. (Disc), South Bend, Ind.
Sparta Plow Works, Sparta, Ill.
Stoddard Mfg. Co. (Disc), Dayton, O.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Thompson, J. & Sons Mfg. Co., Beloit, Wis.
Toledo Plow Co., Toledo, O.
Wilder-Strong Implement Co., Monroe, Mich.

Plows (Gang, Steam)

Benicia Agricultural Works, Benicia, Cal.
Deere & Co., Moline, Ill.
Geiser Mfg. Co., Waynesboro, Pa.
Parlin & Orendorff Co., Canton, Ill.
Peru Plow & Wheel Co., Peru, Ill.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Wiard Plow Co., Batavia, N. Y.

Plows (Gang, Wheel)

Avery, B. F. & Sons, Louisville, Ky.
Deere & Co., Moline, Ill.
Hapgood Plow Co., Alton, Ill.
Keystone Farm Machine Co., York, Pa.
Moline Plow Co., Moline, Ill.
Parlin & Orendorff Co., Canton, Ill.
Rock Island Plow Co., Rock Island, Ill.
Southern Agricultural Works Co., Atlanta, Ga.
Syracuse Chilled Plow Co., Syracuse, N. Y.

Plows (Garden)

Allen, S. L. & Co., 1017 Market, Phila., Pa.
Ames Plow Co., Quincy Hall, Boston, Mass.
Avery, B. F. & Sons, Louisville, Ky.
Bateman Mfg. Co., Grenloch, N. J.
Bissell, T. M. Plow Co., Eaton Rapids, Mich.
Black, Geo. H., Buchanan, Mich.
Brinley-Hardy Co., Louisville, Ky.
Bucher & Gibbs Plow Co., Canton, O.
Buckley, R. C., Peoria, Ill.
Case, J. I. Plow Works, Racine, Wis.
Deere & Co., Moline, Ill.
Deuscher, H. P. Co., Hamilton, O.
Dutton, E. Q. & Co., Cato, N. Y.
Fuller & Johnson Mfg. Co., Madison, Wis.
Gale Mfg. Co., Albion, Mich.
Morrison Mfg. Co., Madison, Ia.
Parlin & Orendorff Co., Canton, Ill.
Richmond Plow Co., Richmond, Ind.
Rock Island Plow Co., Rock Island, Ill.
Sears, Albert H., Plano, Ill.
Southern Agricultural Works Co., Atlanta, Ga.
Southern Plow Co., Columbus, Ga.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Whitehurst, R. W. Co., Norfolk, Va.
Whitman & Barnes Mfg. Co., Akron, O.; 111 Chambers, New York, & Chicago, Ill.
Wiard Plow Co., Batavia, N. Y.

Plows (Grooving)

Doscher Plane & Tool Co., Saugatuck, Conn.
Ohio Tool Co. (Panel, etc.), Columbus, O.
Sandusky Tool Co. (Panel Plows, Plow Arms, etc.), Sandusky, O.

Plows (Hop)

Adams, S. & Son, Rome, N. Y.
Deere & Co., Moline, Ill.
Dutton, E. Q. & Co., Cato, N. Y.
Gale Mfg. Co., Albion, Mich.
Gowanda Agricultural Works Co., Gowanda, N. Y.
Robinson Chilled Plow Co., Canandaigua, N. Y.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Whitehurst, R. W. & Co., Norfolk, Va.

Plows (Ice)

Ames Plow Co., Quincy Hall, Boston, Mass.
Bodenstein, J. G. & Co., Staatsburg, N. Y.
Donaldson Bros., Rock Island, Ill.
Dorsch, Jno. & Sons, Milwaukee, Wis.
Gerlach, Peter & Co., 28 Columbus, Cleveland, O.
Grumman, G. B., Branchville, Conn.
Stevens, Benj. A., Toledo, O.
Wood, Wm. T. & Co., Arlington, Mass.
Woodhouse, J. S., 191 Water, N. Y.

Plows (Potato)

Brinley-Hardy Co., Louisville, Ky.
Deere & Co., Moline, Ill.
Gale Mfg. Co., Albion, Mich.
Hartig-Becker Plow Co., Evansville, Ind.
Hench & Dromgold Co., York, Pa.
Parlin & Orendorff Co., Canton, Ill.
Rock Island Plow Co., Rock Island, Ill.
Whitehurst, R. W. Co., Norfolk, Va.

Plows (Shovel)

Akron Cultivator Co., Akron, O.
Austin-Bryan Mfg. Co., Birmingham, Ala.
Avery, B. F. & Sons (With Jumping Coulters) Louisville, Ky
Ball, Mitchell & Co., Maysville, Ky.
Belcher & Taylor Agricultural Tool Co., Chicope Falls, Mass.
Bement's, E. Sons, Lansing, Mich.
Benicia Agricultural Works, Benicia, Cal.
Blount, Henry F., Evansville, Ind.
Bradley, David Mfg. Co., Bradley, Ill.
Brinly-Hardy Co., Louisville, Ky.
Bristol & Gale Co., Chicago, Ill.
Brown, Geo. W. & Co., Galesburg, Ill.
Brown-Manley Plow Co., Malta, O.
Brown Mfg. Co., Zanesville, O.
Buckeye Mfg. Co., Canton, O.
Burton Handle Co. (Extension Wing), Burton, O.
Case, J. I. Plow Works, Racine, Wis.
Chattanooga Plow Co., Chattanooga, Tenn.
Clipper Plow Co., Defiance, O.
Clore's, Wm. Sons, Rising Sun, Md.
Cousins, W. C. ("20th Century"), Ferrum, Va.
Deere & Co., Moline, Ill.
Drummond Plow Co. (Reversible Double Shovel), Asheville, N. C.
Dutton, E. Q. & Co., Cato, N. Y.
Eagle Mfg. Co., Kansas City, Mo.
Eddy, W. Plow Co., Greenville, N. Y.
Emerson Mfg. Co. Co., Rockford, Ill.
Empire Plow Co., Cleveland, O.
Farquhar, A. B. Co., Ltd., York, Pa.
Fuller & Johnson Mfg. Co., Madison, Wis.
Geneva Tool Co., Geneva, O.
Gowanda Agricultural Works Co., Gowanda, N. Y.
Hartig-Becker Plow Co., Evansville, Ind.
Hench & Dromgold Co., York, Pa.
Howland Mfg. Co., Pontiac, Mich.
Johnson & Smith, Austin, Minn.
Keystone Farm Machinery Co., York, Pa.
Kingman Plow Co., Peoria, Ill.
Lehr Agricultural Co., Fremont, O.
Lovejoy, H. H. & Son, Cambridge, N. Y.
Moline Plow Co. (Single & Double), Moline, Ill.
Morrison Mfg. Co., Fort Madison, Ia.
Munnsville Plow Co., Munnsville, N. Y.
Ohio Cultivator Co., Bellevue, O.
Oliver Chilled Plow Works, South Bend, Ind.
Parlin & Orendorff Co., Canton, Ill.
Peek, S. H., East Ansonia, N. Y.
Peru Plow & Wheel Co. (Single & Double),
Reeves & Co. (Inc.), Columbus, Ind. Peru, Ill.
Richmond Plow Co., Richmond, Ind.
Rock Island Plow Co. (Single & Double), Rock Island, Ill.
St. Joseph Mfg. Co., Mishawaka, Ind.
St. Joseph Plow Co., St. Joseph, Mo.
Schoepflin, Chas., Gardenville, N. Y.
Shumaker Bros. & Nixon, Castile, N. Y.
Shunk Plow Co. (Double & Single Shovel), Bucyrus, O.
South Bend Chilled Plow Co., South Bend, Ind.
Southern Agricultural Works Co., Atlanta, Ga.
Southern Plow Co., Columbus, Ga.
Syracuse Chilled Plow Co. (Blades & Wings of Steel), Syracuse, N. Y.
Thompson, J. & Son Mfg. Co., Beloit, Mich.
Toledo Plow Co., Toledo, O.
Vulcan Plow Co., Evansville, Ind.
White, S. R. & Bro., Norfolk, Va.
Whitman & Barnes Mfg. Co. ("Malta," Single & Dovel Shovel), West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York

Plows (Snow)

(See also Street Railway Sweeping Machines.)

American Locomotive Co., 25 Broad, N. Y. Works, Schenectady, N. Y.; Dunkirk, N. Y.; Providence, R. I.; Scranton, Pa.; Manchester, N. H.; Richmond, Va.; Allegheny, Pa., & Paterson, N. J.
Brill, J. G. Co. (Nose & Shear Board Type), 62d & Woodland av, Phila., Pa.
Buckley, T. H. Car Mfg. Co., Worcester, Mass.
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, New York. (See adv. index, end of book)
Indiana Road Machine Co. (Street R. R.), Ft. Wayne, Ind.
Portland Co., 58 Fore, Portland, Me.
McGuire-Cummings Mfg. Co. (Street Railway), 122 N Sangamon, Chicago
Russell Car & Snow Plow Co., Ridgeway, Pa.
Smith & Wallace (Electric), Woburn, Mass.
Stephenson, John Co. (Street Railway), Elizabeth, N. J.
Taunton Locomotive Mfg. Co. (Push Style for Electric Rys.), Taunton, Mass.
Van Dorn & Dutton Co. (for Street Railway), 1796 E Madison av, Cleveland, O.
Wason Mfg. Co. (Electric), Springfield, Mass.

Plows (Sub-soil)

Ames Plow Co., Quincy Hall, Boston, Mass.
Avery, B. F. & Sons, Louisville, Ky.
Beach Mfg. Co., Lyons, Mich.
Bissell Chilled Plow Works, South Bend, Ind.
Blount, Henry F., Evansville, Ind.
Bradley, David Mfg. Co., Bradley, Ill.
Brinly-Hardy Co., Louisville, Ky.
Bucher & Gibbs Plow Co., Canton, O.
Case, J. I. Plow Works, Racine, Wis.
Deere & Co., Moline, Ill.
Farquhar, A. B. Co., Ltd., York, Pa.
Fuller & Johnson Mfg. Co., Madison, Wis.
Gale Mfg. Co., Albion, Mich.
Grand Detour Plow Co., Dixon, Ill.
Hall, Jas. H. Plow Co., Maysville, Ky.
Moline Plow Co., Moline, Ill.
Morrison Mfg. Co., Ft. Madison, Ia.
Munnsville Plow Co., Munnsville, N. Y.
Oliver Chilled Plow Works, South Bend, Ind.
Parlin & Orendorff Co., Canton, Ill.
Peru Plow & Wheel Co., Peru, Ill.
Rock Island Plow Co., Rock Island, Ill.
South Bend Chilled Plow Co., South Bend, Ind.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Wiard Plow Co., Batavia, N. Y.

Plows (Sulky, Reversible)

Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Chipper Chilled Plow Co., Elmira, N. Y.
Syracuse Chilled Plow Co., Syracuse, N. Y.

Plows (Sulky, Riding or Wheel)

Avery, B. F. & Sons (Sulky, etc.), Louisville, Ky.
Bateman Mfg. Co., Grenloch, N. J.
Belcher & Taylor Agricultural Tool Co. (Reversible Sulky), Chicopee Falls, Mass.
Bement's, E. Sons, Lansing, Mich.
Benicia Agricultural Works, Benicia, Cal.
Bissell Chilled Plow Works, South Bend, Ind.
Blount, Henry F. (Sulky), Evansville, Ind.
Bradley, David Mfg. Co., Bradley, Ill.

Brown, Geo. W. & Co., Galesburg, Ill.
Bucher & Gibbs Plow Co., Canton, O.
Case, J. I. Plow Works, Racine, Wis.
Cast Steel Plow Co., Dayton, O.
Coffeyville Implement & Mfg. Co., Coffeyville, Kan.
Collins Plow Co., Quincy, Ill.
Deere & Co., Moline, Ill.
Eagle Mfg. Co., Kansas City, Mo.
Emerson Mfg. Co. (Sulky), Rockford, Ill.
Farquhar, A. B. Co., York, Pa.
Fuller & Johnson Mfg. Co., Madison, Wis.
Gale Mfg. Co. (Chilled), Albion, Mich.
Grand-Detour Plow Co., Dixon, Ill.
Hapgood Plow Co., Alton, Ill.
Hench & Dromgold Co., York, Pa.
Implement Mfg. Co., Davenport, Ia.
Janesville Machine Co., Janesville, Wis.
Kingman Plow Co. (Sulky, etc.), Peoria, Ill.
La Cross Plow Co., La Crosse, Wis.
Long & Allstatter Co. (Walking or Riding Mould Board), Hamilton, O.
Lutley & Co., Peoria, Ill.
Minneapolis Plow Works, Minneapolis, Minn.
Moline Plow Co., Moline, Ill.
Monmouth Plow Co., Monmouth, Ill.
Morrison Mfg. Co., Ft. Madison, Ia.
Oliver Chilled Plow Works, South Bend, Ind.
Parlin & Orendorff Co., Canton, Ill.
Pekin Plow Co., Pekin, Ill.
Peru Plow & Wheel Co., Peru, Ill.
Robinson Chilled Plow Co., Canandaigua, N. Y.
Rock Island Plow Co., Rock Island, Ill.
St. Joseph Mfg. Co., Mishawaka, Ind.
St. Joseph Plow Co., St. Joseph, Mo.
Sattley Mfg. Co., Springfield, Ill.
Sioux City Plow Co., Sioux City, Ia.
South Bend Chilled Plow Co., South Bend, Ind.
Sparta Plow Works, Sparta, Ill.
Stoddard Mfg. Co. (Disc), Dayton, O.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Thompson, J. & Sons Mfg. Co., Beloit, Wis.
Toledo Plow Co., Toledo, O.
Vulcan Plow Co. (Sulky), Evansville, Ind.
Wiard Plow Co., Batavia, N. Y.

Plows (Swivel, Reversible & Hillside)

Ames Plow Co. (Swivel and Hillside), Quincy Hall, Boston, Mass.
Avery, B. F. & Sons, Louisville, Ky.
Ball, Mitchell & Co. (Hillside), Maysville, Ky.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Bissell, T. M. Plow Co. (Hillside), Eaton Rapids, Mich.
Brinley-Hardey Co. (Hillside), Louisville, Ky.
Bucher & Gibbs Plow Co. (Hillside), Canton, O.
Columbia Plow Works, Copake Iron Works, N. Y.
Cowley, W. A. & Son (Reversible), Stamford, N. Y.
Deere & Co., Moline, Ill.
Eddy, W. Plow Co. (Hillside & Swivel), Greenwich, N. Y.
Gowanda Agricultural Works Co., Gowanda, N. Y.
Hall, Jas. H. Plow Co. (Hillside), Maysville, Ky.
Hench & Dromgold Co. (Hillside), York, Pa.
Leroy Plow Co. (Hillside & Flatland), Leroy, N. Y.
Moline Plow Co., Moline, Ill.
Munnsville Plow Co., Munnsville, N. Y.
Oliver Chilled Plow Co. (Hillside), South Bend, Ind.
Parlin & Orendorff Co., Canton, Ill.
Robinson Chilled Plow Co. (Hillside & Reversible), Canandaigua, N. Y.
South Bend Chilled Plow Co. (Reversible, Hillside, etc.), South Bend, Ind.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Vulcan Plow Co. (Hillside), Evansville, Ind.
Wiard Plow Co. (Hillside), Batavia, N. Y.

Plows (Wheel Walking)

Deere & Co., Moline, Ill.
Hench & Drumgold Co., York, Pa.
Messinger Mfg. Co., Tatamy, Pa.

Plugs (Boiler Flue)

Coggeshall Mfg. Co. ("Coggeshall"), 136 Liberty, New York
Webb, Elisha & Son (The "Handy"), 43 S Water, Phila., Pa.

Plugs (Brass)

Belfield, H. & Co., 435 N Broad, Phila., Pa.
LUNKENHEIMER CO., General Offices, Beekman & Waverly, Cincnnati, O.; 26 Cortlandt, New York, & 35 Great Dover st, London, S E, England. (See adv. index, end of book)
Santary Co. (Wash Tray, etc.), 7 Water, Cleveland, O.
Wolverine Brass Works, Grand Rapids, Mich.

Plugs (Fusible)

ASHCROFT MFG. CO., THE, 85, 87 & 89 Liberty, New York; 22, 24 & 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.
Eastwood Wire Mfg. Co., Belleville, N. J.
LUNKENHEIMER CO., General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, New York, & 35 Great Dover st, London, S E, England. (See adv. index, end of book)

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Drummond, M. J. & Co., 182 B'way, New York
Illinois Malleable Iron Co., 30 W Monroe, Chicago
Kemp, C. M. Mfg. Co. (The "Desper"), 404 E Oliver, Baltimore, Md.
New Jersey Plumbing Specialties Co., Hoboken, N. J.

Plugs (Spark)

American Coil Co. (Double Insulated Mica Cored), West Somerville, Mass.
American Machine Mfg. Co., So. Braintree, Mass.
Anderson, J. C. Mfg. Co., 114 Cambridge av, Jersey City, N. J.
Bullock-Beresford Mfg. Co., The Arcade, Cleveland, O.
Dayton Electrical Mfg. Co., 43 St. Clair, Cleveland, O.
Dow Portable Electric Co., Braintree, Mass. Boston, Mass.
Herz & Co., 55 Grand, N. Y.
Huff, E. S. Co., 47 E Larned, Detroit, Mich.
MEZGER, C. A. (Soot Proof), 203 W 80th, New York. (See adv. index, end of book)
Miller-Knoblock Electric Mfg. Co., South Bend, Ind.
Mosler, Arthur R. ("Spit-Fire"), 1679 B'way, N. Y.
Pittsfield Spark Coil Co. ("Jewell), Pittsfield, Mass.
Roche, Wm., 52 Park pl, N. Y.
Splitdorf, C. F., 23 Vandewater, N. Y.
Torbensen Gear Co., 613 Bloomfield av, Bloomfield, N. J.
Tritt Electrical Mfg. Co., 112 Division, South Bend, Ind.
Turner Brass Works, 68 N Franklin, Chicago, Ill.

Plugs (Tie)

Goldie, Wm., Jr., & Co., Pittsburg, Pa.
Porter-Morse Co. (Elm, Cedar & Oak), Saginaw, Mich.

Plugs (Wall)

(See Wall Plugs.)

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Bernz, Otto, S 13th c S Orange av, Newark, N. J.
Braunsdorf-Muller Co., Elizabeth, N. J.
Brown & Sharpe Mfg. Co. ("Mercury"), Providence, R. I.
Chalfant Mfg. Co., Lancaster, Pa.
Crescent Novelty Mfg. Co. (Lead), 703 S B'way, St. Louis, Mo.
Disston, Henry & Sons, Tacony, Phila., Pa.
Jennings, C. E. & Co., 42 Murray, New York gomery, San Francisco, Cal.
KEUFFEL & ESSER CO., 127 Fulton, New York
Kupferle, Jno. C., 2d c Mound, St. Louis, Mo.
Lawler Water Feed & Damper Regulator Co. (For Gas Fitting), 181 Mercer, New York
Osborne, C. S. & Co., Newark, N. J.
Peck, Stow & Wilcox Co., Southington, Conn., & 27 Murray, New York
Phoenix Hardware Mfg. Co., Homer, N. Y.
Reading Hdw. Co., Reading, Pa.; 96 Reade, N. Y.; Phila., Pa., & Chicago, Ill.
Russell & Erwin Mfg. Co., New Britain, Conn., & 43 Chambers, New York
Sargent & Co., New Haven, Conn., & 151 Leonard, New York
SOLTMANN, E. G. (For Engineers & Architects; also Everything for Architect, Engineer & Draughting Room), 125 E 42d, New York. (See adv. index, end of book)
Stanley Rule & Level Co., New Britain, Conn., & 107 Chambers, New York
Stevens, J. Arms & Tool Co., Chicopee Falls, Mass.
Tower & Lyon Co. (and Trammel Points), 95 Chambers, New York
Welch, T. F. & Co., 65 Sudbury, Boston, Mass.
Wrightsville Hardware Co., Wrightsville, Pa. N. Y.

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Doggett, Stanley (Mfrs. Agt.), 101 Beekman, New York
Kelly, Thos. P. & Co. (Ceylon), 544 W 22d, N. Y.
McCormack, J. S. Co., 25th & A. V. Ry., Pittsburg, Pa.
McCullough-Dalzell Crucible Co., Pittsburg, Pa.
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Pettinos Bros., Bethlehem, Pa., & Uwchland, Pa.
Salomon, L. A. & Bro., 216 Pearl, N. Y.
SMITH, J. D. FOUNDRY SUPPLY CO. (Silver or Foundry), 40 S Water, Cleveland, O., & 2143 Central av, Cincinnati, O. (See adv. index, end of book)
Springfield Facing Co., Springfield, Mass.
Standard Graphite Co., 11 B'way, N. Y.

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McCarthy, P. J., 20 Minna
McCusker,, Jos., 2134 Fillmore
McIntyre, Wm., 441 Bush
McKenna, J F., 113 Clement
McKewen, Peter, 1817 Mason
McManus, Jas. J., 3351 Clay
McDonald, Alex, W., 110 Stevenson
Mackie, Robt. W., 56 Julian av
Manders, Joseph, 535 Andover av
Manning, Thos., 516 Howard
Medina, John B., 869 Geary
Meehan, Chas., 642 Sacramento
Mehegan, Robt. A., 1229 Pierce
Mensor, Albert, 369 Frederick
Mensor, Geo. W. & Co., 1625 Fillmore
Meyer, J. Fredk., 1041 Valencia
Meyer, Samuel, 8 Hollis
Middlemiss, Thos., 701 Shrader
Mills, Frank H., 407 Turk
Mitchell, Michael, 1815 Wayland
Mitchell, Michael A., 952 Mission
Moenning, H. A., 612 Octavia
Moller, Wm. D., 1809 Haight
Molus, Albert L., 140 Chenery
Molus, Henry E., 91 Jackson
Montague, W. W. & Co., 309 Market
Morrice, T. B., 813 Valencia
Morrison & Bevilockway Co., 110 Steuart
Morse, W. S., 1801 Market
Mulholland, John, 1442a Grove
Murphy, Harry R., 2062 Taylor
Murphy, Patrick H., 48 Spear
Murray Bros., 233 Folsom
Myers, Wm. M., 149 5th
Nairne, A. R., 1707 Market
Naldrett & Brennan, 431 Bush
Nebel, Wm. J., 217 Polk
Neilson, Neils, 1481 Valencia
Newmark, Abraham, 412 Larkin
Nicolai, Chas., 238 3d
Nicolai, Herman H., 63 Cortland av
Noonan, J. F., 905 Mission
Noonan, J. J., 2321 Bryant
O'Brien, Michael, 147 Highland av
O'Brien, Wm. T., 1335 Folsom
O'Dea, John A., 1548 Polk
O'Hair, P. E., 213 4th
O'Hara, Jos., 2002 Devisadero
Oetzman, Emile, 1612 Devisadero
Olsen & Cook, 15 Mission
Packschert & Gallivan, 2204 Fillmore
Perazzi, Horace J., 630 Post
Petersen, Sibbert, 421 Jones
Petterson, Martin, 1325 Pacific
Platz, Edw., 1828 Davisadero
Platz, Edw., Jr., 1824 Davisadero
Plevin & Morrice, 321 Noe
Podesta & Kane, 1476 Church
Prendergast, John, 107 Sagamore
Proctor, H'y, 213 14th
Quade Bros., 1005 Larkin
Quinn & Franchi, 785 Haight
Raisch, F., 1525 Howard
Ravani & Curran, 440 B'way
Rehn, Chas., 2087 16th
Reilley, Chas. J., 214 Montgomery av
Reilly, John, 933 Post
Reynolds, Geo. F., 3834 26th
Rice, Richard, 107 Geary
Richardson, Jas., 3632 17th
Rickman, Wm. F., 1943 Mission
Riley, John S., 1818 Filbert
Rose, Alex., 1306 Railroad av
Rothman, Jacob, 1103 Stockton
Rosskamp, Herman, 1301 Devonshire
Ruddock, Adam J., 618 Jones
Ryan, Thos. J., 2520 Market
Salina & Gaetjen, 1804 Powell
Sand, Wm., 101 1-2 9th
Savage, P. H., 1148 Folsom

Schalich, John A., 3271 Mission
Schanz & Grundy, 56 8th
Schmitt, Chas. G., 817 Valencia
Schumacher, F. A., 16 Leavenworth
Shepard Bros., 529 California
Silverstone & Pryor, 1337 Pacific
Smith, C. W., 16 Wash'n
Snook. G. & E., 601 Sacramento
Snook, Wm. S. & Son, 554 Clay
Spencer & Fisher, 258 Stevenson
Stevens, Jas. F., 720 Montgomery
Stuhr, C. G., 1332 Church
Sweeney, Garrett C., 45 11th
Sweeney, James E., 114 Turk
Szanik, Samuel, 473 Valencia
Taylor, Jas., 2069 Mission
Taylor & Pritchard, 12 Market
Thompson, Geo. F., 269 O'Farrell
Trezise, Albert G., 1155 McAllister
Trezise, J. Sam'l, 1190 McAllister
Trudell, Frank, 7 Adair
Vogt, Fred'k W., 131 Steiner
Volkmann, Alex., W 312 Turk
Walderslav, Alfred, 1641b Mission
Ward, Patrick F. & Co., 1715 Market
Weekes, W. J. J., 1528 Stockton
Welch, Jos. D., 1351 Webster
Welch, Michael F., 2230 Pine
Westphal, Henry N., 831 Geary
Whitley, Harry T., 1159 Valencia
Wilke, Edw. M., 800 Page
Williams, Wm. A., 1211 Devisadero
Williamson, Daniel, 600 R. R. av
Williamson, Henry & Co., 413 Sutter
Wilson, W. F. Co., 328 Stockton
Wolfe, Edward, 678 Geary
Wrin, Jas. B., 326 3d
Young, Conrad, 76 Waller
Yung, Louis, 608 4th

SAN JOSE—Butler, F. F.
Evans, P. T.
Fitts, W. T.
Hirth, Chris.
Klein, Fredk., 52 S 2d
†Mangrum & Otter Co.
Massaro, N.
†Stock, John Sons
Sullivan, J. H.
Yocco, John

SAN LEANDRO—Hoerst, E.
Reichsrath, H. L.

SAN LUIS OBISPO—Hanson, S. H.
Payne, E. M.
Vetterline & Butcher

SAN MATEO—Allen, Benjamin
Ross Bros.

SAN PEDRO—Brentner, W. E.
Johnson, A. S.

SAN RAFAEL—Conway, E. H.
Kelly Bros.
Kinsella, R.

SANTA ANNA—Ferguson, J.
Haywood, J. S.
McFadden, John
Nickey, F. P. Hardware Co.
Wright, S. C.

SANTA BARBARA—Boeseke-Dawe Co.
Ott Hardware Co.

SANTA CLARA—**DICKINSON, F. R.**
†Elliott, S. A.
†Menzel Robt. Hdw. Co.

SANTA CRUZ—Abraham, E. C.
†BYRNE BROS., 80 Pacific av
Whitney Bros., 156 Pacific av

SANTA MARIA—Travers, R.
Whitney Bros.

SANTA MONICA—Boehme, Geo. C.
Middlekauff, C. D.

SANTA ROSA—Burch, Geo. W.
Demmer, Chas.
Letold Co.
Morrow, E. E.
Potter, J. H. & Son

SONORA—Garvin & Sheehan
Rother, Wm.
Terry, F. A.

STOCKTON—Bosseacci, P. M. & Sons
Colt, W. P.
Gnekow, Edw. L.
†JACKSON & EARLE, 246 Main
MILLS, JAMES T., 148 Main
Pahl & Harry
Prahser, Frank
Schuler, Geo. F.
Whale, E. A.

VALLEJO—Brownlie, John
†WILDER, H. E
Winchell, C. L.

VENTURA—Baker, F. W.
Du Val & De Troy
Leach, B. A.

VERDUGO—Lukens, J. P.

VISALIA—Askin, R. M. & H.
Gilbert & Son

WATSONVILLE—Beck, A. P.
FREIERMUTH, P. J.
Hays, W. C.
Jameson, Jno.

WINTERS—Parker & Wertner

WOODLAND—Allen, H. F.
Bender Bros.
Kuhn Bros.

COLORADO.

ALAMOSA—**†SPRIESTERBACH HDW Co.**

ASPEN—Fort, Alex.
Ikeler, H. R.

BOULDER—Barry, T. E.
Turner, Chas. S.

CANON CITY—†Ellis & Hood
†Harding Hdw. Co.
†Watson & Bancroft

COLORADO CITY—†Davis, H. W. Plbg. & Htg. Co.
Periss, F.

COLORADO SPRINGS—†Argust Bros.
Haas, N. W., 122 N Tejon
†Bumstead, F. E., 110 N Tejon
Campbell, Jas. M.
†Doyle & Schwartz
Joyce, E. R.
St. John Bros.
St. John & Barnes
Sanitary Plumbing Co.
Scott, W.

CRIPPLE CREEK—Reddish, Jas. B.
Smith, G. A.
Worrall, Geo.

DELTA—Satndish, Miles

DENVER—Balfe, P. H., 1945 Champa
Baxter & McCann, 100 B'way
Berger, Emil, 2136 W 29th av
Berger & Kutz, 2136 W 29th av
Bordeau, Frank X., 800 Santa Fe av
Bradley, Aug. T., 1315 22d
Bryan, John F., 1500 Market
Bryant, Clinton C., 2330 E Colfax av
Bynum, Chas. W., 752 B'way
Compton, H. B., 231 W 4th av
†Costello & McGee, 1621 Champa
Coughtry, Geo. B., 1848 Stout
Crean, Wm. T., 1509 Tremont
Creek, Marshall & Co., 2029 Champa
Davis, W. A., 1556 Detroit
Dietemann, A. A., 3027 Meade
Dolan, T. F., 121 15th
Doyle, Rich'd E., 2007 Clay
Eagan, J. T., 1555 B'way
Edie, Fred W., 1116 B'way
Elphinstone, John, 1646 Araphoe
Fairhurst, E. & Co., 1857 Lawrence
Frazee, John W. Asbestos Co., 2405 16th
Fullman, Chas., 1431 B'way
Gill Plbg. Co., 2749 W 25th av
Gill, R. N., 2749 W 25th av
†Goff, Frank C. & Co., 432 Temple Ct
Grant, E. A. & Son, 611 27th
Gumlick, A. J., 248 S. B'way
Gumlick, Neldo, 65 W Alameda av
Hadfield, Dan'l P., 2711 Stout
Hendrie, T. G., 139 Archer
Hensler Bros., 1405 S 9th
Herbert, Jos. C., 3646 Downing av
Hubbell, A. S., 3045 Gallup av
†Irving Plumbing & Heating Co., 1709 California
Jensen, Edw. M., 1881 S Logan av
Johnson & Davis, 427 15th
Judd & Bradley, 1318 22d
Kiefer, J. E., 1410 Lawrence
King, Wm., 2736 W Colfax av
Kirschstein, Michael, 2029 Lawrence
Kloer, J. J., 2931 W 25th av
Kreutz, Jos., 437 S Sherman av
Kreutz, M. M., 437 S Sherman av
Lamont & McIver, 1909 Curtis
Larche, Wm., 320 Argo
Lees, Thos. & Son, 1130 18th
Lewis, Benjamin F., 14 E 26th av
Lilly, W. M., 1562 B'way
Loser Bros., 228 15th
McDonald, Lawrence, 2312 E Colfax av
McGee, H. W. Plumbing Co., 626 18th
McNany, Geo. F., 92 W Cedar
Mann, Curtis & Co., 64 Bw'ay
Mason, Harry, 2328 E Colfax av
Meyer, Walter D., 131 B'way
Moncrieff, J. A., 1021 Steele
Montgomery, W. W., 3625 Champa
Moody, Albert R., 2916 W 25th av
Mowbray Bros., 125 15th
Murnan, M. J., 1136 Larimer
Mutch, Jno. B., 803 B'way
New York Plumbing Co., 8834 Santa Fe av
O'Brien, Thos. H., 2207 Champa
Okerstrom, O. G., 131 W 2d av
Parry, J. R., 1536 California
Pearce, C. B. & Co., 521 15th
Pearson, R. L., 333 16th
†Pellenz, J. P., 931 18th
Ratigan, Bernard, 2956 Welton
Reddish, J. B., 2312 E Colfax av
Reilly, Wm. M., 327 S 12th
Roach, Chas. T., 1065 B'way
Saaler, Geo. W., 1855 Welton
Samson, F. H., 1449 S B'way
Sawkins, J. O., 1737 S Wash'n av
Schuster, J. G., 1759 Stout
Small Bros. Plumbing Co., 1935 Welton
Smith Plumbing & Sewerage Co., 1737 Curtis
Smith & Co., 1737 Curtis
Snow Plumbing Co., 1737 Curtis
Stanley & Oldenettel, 2508 15th
Suess Plumbing Co., 1525 Tremont
Sullivan, E. A., 2747 Larimer
Tost & Jones, 2009 W 32d av
Van Daniker, J. F. Plumbing Co., 2430 Larimer
Wafer, John J., 1769 Humboldt
Walker Bros. Plumbing Co., 1762 California
Wallace Plumbing & Heating Co., 1373 B'way
Warlum, W. O., 315 16th
Webster, J. Leon, 1901 S B'way
White, T. J., 1543 Champa
Winters Bros., 1815 Champa
Wirth, G. M., 1333 B'way
Wolffram, C. E., 513 18th

FLORENCE—**†NEVINS, W. J. & CO.**

FT. COLLINS—Dierck, H. G.
Ft. Collins Hdw. Co.

GILLETT—†Western Hdw. & Supply Co.

GLENWOOD SPRINGS—†Claudon, J. A. I.
†McDermott, T. J.

GRAND JUNCTION—Garrison & Fletcher
Trobitz, Charles T.

GREELEY—Ecker, W.
†Potter, J. D.

IDAHO SPRINGS—Clayton, E. B.
Thoreau, Jno. W.

LA JUNTA—†Bomgardner & O'Neill Hardware Co.
†JOHNSON, JOHN

LEADVILLE—Ferry, Jas. F.
Mandy Bros.
Priddy & Baker

LONGMONT—Buckley, J. A.

LOVELAND—Merriman, A. K.
Wurfel, W. T.

MANITOU—Douglas, M.
Leonard, W. M.

MONTROSE—†Lathrop, Jno. V.
Montrose Hdw. Co.

OURAY—*Arps Bro. Hdw. Co.

PUEBLO—*†Clark, J. P. Plbg. & Htg. Co.
English, J.
FRANCIS PLUMBING & SUPPLY CO.
Geiser, Chas.
Goss & Udick
Long, B. R.
†Morgan, T. J., Plumbing & Heating Co.
Phillips, J. H.
Scheir, William
†Scovill-Wills Plbg. & Htg. Co.

ROCKY FORD—Dawley-Wilson Hdw. & Furniture Co.

SALIDA—Sullivan, George

SILVERTON—†Haas, W. N.

TELLURIDE—Stuart, J. A. & Co.

TRINIDAD—†McEWAN, JNO.
Oxley, Chas.

VICTOR—Callahan, T. F.

CONNECTICUT.

ANSONIA—†Gaffney, Wm., 9 Church
†TERRY, T. P. & SON, 76 Main
Webb, J. T., 14 Bridge

BETHEL—Wright, W. T.

BRANFORD—†Corcoran, William T.
Dunn, P. H.
Enquist, A. R.
McKeon, Frank P.

BRIDGEPORT—Ball, D. A., 125 Courtland
Beitner, Geo. L., 273 State
Bertilson, Berger, 1354 State
Beutelspucher, H., 192 Middle
Birmingham, John, 35 Court
Bonnor, John, 262 Noble av
†Booth, F. & F. C., 103 Middle
†Brady, J. F. & Bro., 8 N Wash'n av
Brady, Thos. T., 108 Congress
†Cornwell, Timothy, 853 E Main
Cullen, Joseph F., 548 Broad
Curtis & Wellington, 358 Stratford av

Donahue, Jos. C., 1379 State
Donning, D. Alex., 173 Stratford av
†Donning, Wm. H., 280 Noble av
Dougherty, Andrew J., 111 Kossuth
†Eames, C. S., 639 Water
Finch & Medlicott, 109 Middle
Flynn & Roberts, 30 Sterling
Gallagher & Greenwood Bldg. Co., 210 Coleman
Gleeson, August, 5 Reilley
Goodsell Plumbing Co., 1772 Main
Gray & Hoyt, 1277 Stratford
†Green & Logan, 1328 Main
Hurley & Doherty, 606 E Main
†Kearns, John, 84 James
†Kennedy, W. P., 1462 Main
Kiely, Edw. J., 33 Jones av
Kinder, Fred'k W., 506 Myrtle av
†Kirk, W. P., 235 Middle
†Lynch & Co., 131 Middle
Manwaring, M. W., 619 E Washington
†Middlebrook & Goulden, 40 Court
†Mills, L. H., 26 Middle
Monahan & Kelly, 296 Harral av
Mullins, Jas. & Co., 935 E Main
Murphy, John F., 33 Union sq
†Nichols, W. D., 1171 State
Reilly, Jeremiah, Jr., 283 State
Reilly, Jno. J., 244 Crescent av
†Rock, R. T., 675 Main
†Scofield,, G. E., 585 E Main
Schreiber, Chris., 36 River
Taylor, H. O., 676 Fairfield av
†Wakeman, S. B. Co., 261 Clinton av
Wellington & Miller, 167 Stratford av
Wheeler & Cook, 92 State
Wilmot, John H., 4 Wallace ct

BRISTOL—Adams, H. J.
†Porter's, S. M. Sons
ROBERTS & ARNOLD
†Stedman & Co.
†White, J. M.

CHESHIRE—†Keeler, George & Son

CHESTER—†Gilbert, D. H.

CLINTON—Buell Bros.
†Gardiner, E. O.
Swain, C. D. & Co.

COLCHESTER—†Avery, F. T.

COLLINSVILLE—†**BIDWELL, D. W.**
Smith, P. F.

DANBURY—†**DANBURY HDW. CO.**
Danbury Plbg. House
†Duane & Culhane, 10 Keeler
†Hoyt, H. W. Co.
Hull Bros. Co.
†Norman, Chas. R., 311 Main
Rice, Geo. P., 286 Main
Varian, Isaac L.

DANIELSON—Crowell, George H.
Dunn, Jas. J.
Keach, E. H. & Co.
Nado, Louis A.

DARIEN—†Lonnsberry, C. W.

DERBY—†Kelly, D. H., 36 Elizabeth
Kelly, T. F., 55 4th
†Peck, E. W. & Co., 286 Main
Shelton Tin & Plumbing Co.
Sullivan, Geo. P.
Tracy, Edw.

EAST BERLIN—Bowers, E. W.

EAST HADDAM—†Hefflen, H. N.

ELMWOOD—†Witlock Coil Pipe Co.

ESSEX—†Babcock, Leroy
Bowen, William

FAIRFIELD—Rock, Dan'l

FARMINGTON—Parker, A. J.
Swanston, F. P.

GLASTONBURY—Douglas, A. E.

GREENWICH—†**ALLEN, DAVID K.**
†Carroll & Woollard
†Cunneen, James
†Peck, E. S.
†Talbot, Francis J.

GROTON—†Hempstead, Geo. R.

GUILFORD—Butler, E. H.

HARTFORD—†Andrews & Creedon, 448 Asylum
†Birch, Richard, 37 Church
†Bull, N. B. & Son, 345 Asylum
Cope Bros., 117 Market
Couch, Geo. M., 1072 Main
†Davis, I. B. & Son, 40 Cushman
Dower, J. J., 550 Main
Dowling, Thos. L., 448 Asylum
†Duffy James F., 443 Main
Dunn, D. J.
Dunn, J. J., 21 Wells
Ellison, Frank D., 706 Main
Epstein, Otto, 34 Wells
Fine, M. S. & Co., 4 Ford
Garvie, Robert, 12 Mulberry
Gunning, Chas. J., 10 Church
†Hanlon & Murphy, 280 Asylum
†Harris, James
Haspey, Wm., 275 Park
Hogan, M., 760 Main
Hogan, Wm. B. & Bro., 81 Trumbull
Hopper, S. W., 1076 Main
Jones, O. H., 279 High
Langdon, T. H., 228 Pearl
†Langdon & Daley, 1230 Main
Lawler, J. J., 53 Farmington
†Libby & Blinn, 164 State
†Lyon, J. & Sons, 20 Central Row
McDonald, J. A., 15 Kinsley
McGrath, Edwd. A., 824 Park
†Mahl, Edward, 1204 Main
†Mahl, Geo. & Son, 1140 Main
†Mahoney, W. E., 261 Asylum
Melicovsky, J., 205 Front
†Murray, Wm. & J., 450 Main
†Oakes, Thos. & Son, 11 Haynes
Purcell, J. L., 391 Main
Sawyer, D. A., 38 Pratt
Scoville, A. W. Construction Co., 15½ Summer
†Sinnot, Thos. J., 248 Park
Smith, Allie M., 168 Windsor
Snow Bros., 1157 Main
Starbuck, R. M. & Son, 182 Pearl
Steele, W. S., 1077 Main
Trant, Thomas, 360 Main

LITCHFIELD—†Allen, E. B. Co.
†CRUTCH, G. R.

MANCHESTER—†Aitkin, T. P.
Emmons, L. S.
†Hibbard, W. F.

MERIDEN—Cashen, J. J.
†Cashen, Wm. B., 27 State
Cox, P. J.
Goodrich, F. S., 260 Centre
†Kay, James T., 31 W Main
Lamont, Wm. J.
Liddy, P. J., 136 Hanover
†TAYLOR & TAYLOR, 19 Church
†Wheeler, F. J., 17 W Main

MIDDLETOWN—Bacon Bros., 178 Main
†Coughlin, William J., 498 Main
†Donovan, James, 288 Main
†Flynn, J. T., 160 Court
†HALE & KELSEY, 314 Main
Longworth & Lane, 141 Main
†Mills, L. D., 108 Court

MILFORD—†Ford, S. T. & M. C.

MYSTIC—Hopewood, J. E. & Co.
†Newbury, E. H.

NAUGATUCK—Dunn, Martin, 262 Water
McCarthy, W. H., 75 S Main
†Page, J. M. & Co., 175 Church
Wigglesworth, Geo., 163 Maple

NEW BRITAIN—†Brady, Thos. H., 351 Main
Bromley, C. H.
Burns, T. E., 288 Main
†DAMON, S. W., 369 Main
Emley, Wm., 137 Main
Ericson & Johnson
Fay, C. H.
Hjerpe, C. A., 156 Arch
Horsfall, Fred
†Kibbe, M. J., 80 W Main
Loomis, F. W. & Co.
Pape, W. C.
Parker & O'Connor, 104 Commercial
Rapelye, Geo., 240 Main
Riley, Terrence, 74 Church
Taylor, Edw. J., 187 Hartford av
†Tormay, P. J., 77 Arch
†Weiant, A. E., 64 Church
Weinant, J. B., 93 Winthrop

NEW CANAAN—†**RAYMOND, W. S.**
Simon Bros.
Wolfle & Greenwald

NEW HAVEN—Batter, Morris, 49 Prince
Beardsley & Story, 676 Chapel
Beebe, Wilson E., 414 Howard av
†Beegan, Jno. B., 952 State
Berman, Jos., 41 Broad
Botsford & English, 936 Chapel
†Bradley Co., 158 Orange
Bristol, W. T., 116 Lamberton
Brown, Jas. C., 30 E Grand av
†Buckingham-Routh Co., 83 Court
†Buckley, J. H., 179 Church
†Carleton, F. A., 190 George
Carr, Jos. F., 61 Winchester av
Catton, E. A.
†Catton, Thos. R., 754 Orange
†Clerken & Co., 779 Grand av
†Coe, C. E., 511 Howard av
Coffey, J. H., Jr., 389 Grand av
Connelly, Peter F., 101 Portsea
†Corbett, T. W., 29 B'way
Corcoran, N. P., 376 Congress av
Cronan, J. C. & Co., 6 Church
†Curtiss & Pierpont Co., 272 Elm
Dean, John N., 135 B'way
†Dibble, S. E., 639 Grand av
Dorman & Cugell, 167 Congress av
Dupee, Cornelius J., 310 Dixwell av
Edmondson, Alfred Co., 412 Grand av
†Edmondson, Geo. & Co., 956 Grand av
Flanagan, M. C., 194 Shelton av
Flynn & Miller, 217 Congress av
†Foskett & Bishop Co., Grand & R. R. avs
Heimann, A., 27 Washington av
†Herpich, Chris., 363 Congress av
Hine, J. L. Plumbing Co., 97 Crown
Hoffmeister Bros., 890 Grand av
Hogan, J. J., 972 State
Howland & Parcells, 514 State
†Igo, John E., 121 Dixwell av
Igo, Jos., 64 Foote
Johnson, Nelson S., 29 Grand av
†Kannegiesser, Ernest K., 51 Sylvan av
Keane, Wm., 26 Church
Keyes, Jas. H., 595 Grand av
†Kling, Lawrence, 192 State
Liddell, Robert, 53 Crown
†McNamara, D. E., 147 Court
†MacBrayen & Mahn, 515 Congress av
†Meagher, Thos. F., 30 Centre
†Menzies & Menzies, 6 Pitkin la
Murray, Patk. H., 902 Whalley av
†Neumann, C. U., 48 Grant
Potter, Theo. A., 7 Center
†Rice, Thos. J., 538 State
†Rourke Bros. Co., 834 Grand av
†Rourke, F. A., 393 Grand av
Ryan, Edw. J., 145 State
†Sheehan, D. M., 108 Court
†Sheahan & Groark, 285 State
Smith, W. A. T., 2 Pitkin
Thompson, R. W., 72 Elm
†Tierney, Edwin R., 1226 State
Turbert, Thos. J., 73 Dixwell av
†Urquhart, Duncan, 306 Grand av
Vail, J. W., 8 Pitkin la
†Wright, O. S., 780 State

NEW LONDON—Cann & Wodworth
Downey & Brennan
†Hilliar, B. H., 49 Bank
Jordan & Cleary, 92 Main
Koch, E. F.
Kunzelman, C. C., 120 Bank
†McPartland, Hugh, 128 Bank
†Murray & Maher, 15 Main
†Newman & Cronin, 11 Main
†Roche & McGuire, 14 Green
Russell, Patrick W., 136 Bank
†Smith, L. D., 379 Bank
Sugrue, T. F., 25 Starr

NEW MILFORD—†Beach, C. M.
†McMahon, A. H.

NIANTIC—Hefflin Bros.

NOROTON—**WOOD, JAS.**

NORWALK—†Burritt & Montgomery
Heating & Lighting Corporation
†Jones & Hotchkiss Co., 17 Wall
McKeon, F. J., Jr., 37 River
Philipson, Frank

NORWICH—†Brown, Robt., Pequot bldg
†Burns, Thos. F., 92 Franklin
Capron, C. P.
Coit, J. W. L.
Cook, J. F.
Head, Thos.
†Monahar, Thos. P., 61 W Main
†Murphy, Chas. O., 259 Central av
†Ryan, J. T., 26 6th
Shugrue, J. J.
†Tompkins, J. F., 67 W Main
Troland, John, 23 W Main
†Wholey, Andrew J., 12 Ferry

PLAINVILLE—†Beard, J. W.

POMFRET—Eurrard, J. A.

PORTLAND—Ellsworth, H. W.

PUTNAM—†Chandler & Morse
Kenyon, R. L.
Perry & Brown
†PUTNAM FOUNDRY & MACHINE CORPORATION
Rafferty, Wm. F.

RIDGEFIELD—Crouchley, Chas. D.
†McGlynn & Murphy

ROCKVILLE—†Butler, Wm. & Son
Knbnly, E. A.
Mulligan, Jno.

SALISBURY—Scribner, F. P.

SAYBROOK—Smith, Wm. H.

SEYMOUR—Culverwell & Burns
†Wheeler, H. G.

SHARON—Bartram, L. H.

SOUTHINGTON—Ballou, Wm. M.
†Fay, Jos. R.
†Hancock, S. G.

S. MANCHESTER—†Christensen, Harold R.
†Ferris Bros.
†Moriarty, Hugh
†Wright, Geo. R.
S. NORWALK—Brown & Co.
Donaldson, T. S.
Griffin, Jno. F.
Keogh, T. J.
Nash, Horace R.
Powell, Jno. W.
Van Scoy, Frank C.
SOUTHPORT—(See Fairfield)
STAFFORD SPRINGS—†Adams, Anthony
Hodgson, C. P.
STAMFORD—†Begent, Lynch & Swayze Co.
†Broderick, T. H.
†Brown, Jno. M., 57 Atlantic
Dunn, Jas. F.
†Horan, Jas. J., 84 Main
†Jessup, Frank, 79 Atlantic
Raymond, Robt. W., 61 Main
Raymond, W. M.
Scofield Bros. & Co., 70 Atlantic
†Stark Bros., 7 Park Row
†Wilson, Jas. & Co., 11 Atlantic
STONINGTON—†Chesebro, E. S.
STRATFORD—†Beardsley, F. P. & Co.
THOMPSONVILLE—†**LEETE, ARTHUR R.**
Mitchell, S. L.
TORRINGTON—†Agard Hdw. Co.
Bourke, W. J.
Dwan, J. J.
†McCarty, A. D.
Morrison, W. H.
Walker, W. R.
UNIONVILLE—Symonds, W. F.
†Weidig, Valentine
WALLINGFORD—Bowe, J. P.
Leonard & Hall Co.
†McCormick Heating Co.
O'Neil, S. J. & Co.
Phelps, F. W.
Phelps, L. M.
WATERBURY—Ashton, John, 267 S Main
†Barlow Bros. Co. (The), 63 Grand
Booth, W. E., 27 Phoenix av
Clancy, M., 982 Bank
†Daly, M. J. & Sons, 553 Bank
†Disley, Wm. T. Co., 276 Bank
†Donnelly, M. J., 37 Union
Fahy, M. J., 3 W Burton
†Garrity, P. H., 221 Bank
Gill, Jno. M.
Hardwick & Streeter
†Henehry, Jas. L., 445 W Main
Hole, Sidney V., 168 E Main
Keeler, H. W. Co. (The), 178 S Main
Kibner, Wm. H.
Lowe, Wm. H., 220 Cherry
†Minor, G. W., 77 Grand
Tennant, Robert, 28 Scovill
†Thatcher, Charles Co., 39 Center
Toucey, L. H. Co., 171 E Main
Weyand, Henry Co., 16 Jeff'n
Ziegler, E. F., 628 Bank
WATERTOWN—†**HITCHCOCK, F. L.**
†Suffa, Joseph
WEST CORNWALL—**STURGES, THEO.**
WEST HARTFORD—Wright, John
WEST HAVEN—(See New Haven)
WESTPORT—Finch, Edw. B.
†Taylor, F. N.
WEST WINSTED—(See Winsted)
WILLIMANTIC—†Clark, H. T., 628 Main
†Lyman, Hollis H., 628 Main
†Moriarty & Rafferty, 41 Church
†Vanderman Plumbing & Heating Co., 152
WINDSOR—Wilbraham, G. F.
WINDSOR LOCKS—†**MOONEY, J. E.**
†Pease, A. Co.
WINSTED—†Alvord, Geo. H., 450 Main
Holbrook, J. H.
Marsh, Fredk. W. & Son
WOODBURY—†**HITCHCOCK, F. F.**
Munsell, E. M.
Strong, N. M.

DELAWARE.

LAUREL—Burton, O.
Smith, Sam'l T.
LEWES—Maull, Sam'l
MIDDLETOWN—†Letherbury, W. S.
NEW CASTLE—Handy, E. W.
NEWARK—Hayes, Jas. H.
Jones, J. G. & Co.
Moore & Bailey
SMYRNA—**FARIES, WM.**
†Sisco, C. W.
WILMINGTON—Biddle Bros., 102 W 8th
Biscoe, Thos. J., 616 Orange
†Brison Plumbing & Heating Co., 103 W 7th
Conner, A. J.
Dorsey & Co., c 5th & Shipley
†Eaton, I. N., 413 Shipley
Hanby, J. K., 223 W 7th
Hanf, Herman E., 305 E 5th
Harrington, Dennis J., 704 Orange
†Heine, Wm. H., 715 Shipley
Hutton, Geo. C., 813 Shipley
Hutton, Robt. & Son, 231 Shipley
Jenkins & Co., 107 W 9th
Menton, Wm. I., 1003 W 4th
†Miller, H. A., 617 Shipley
Orpen, Wm. R., 5 W 3d
Sharpe, Allen L., 706 Shipley
†Shaw, Benj. F. Co., 303 Orange
Stewart, Chas., 508 Shipley
Smith, W. E. & Co., 223 W 10th
Walsh, Patrick F., 915 Lancaster av
†Ward, Geo. B., 1003 Market

DISTRICT OF COLUMBIA.

WASHINGTON—†Albinson, James E., 1806 14th, n. w.
Albinson, Jas. H., Bunker Hill rd
Allen & Van Horn, 1410 14th, n. w.
Anadale, Jno. A., 1234 9th, n. w.
Anderson, Jas., F., 304 B, s. e.
Artz, Samuel, 3010 M, n. w.
Ashton, Geo. W., 726 5th, n. e.
Atchison Bros., 1314 14th, n. w.
Atchison, Claude B., 2118 14th, n. w.
Barnard, Edw., 1831 K, n. w.
Barrick, Chas. E., 119 Mass. av, n. e.
Bateman, Jos., 1204 13th, n. w.
Baur, Jos. A., 406 K, n. w.
Berry, Wm., 1011 4th, s. e.
Betker, John K., 429 15th, s. e.
Beuter, Max A., 606 D, n. w.
Blake, Wm. A., 624 N Capitol
Blinkhorn, Jno. L., 721 14th, n. w.
Bond, Jos. D., 117 Pa. av, n. w.
Bontz, Hy. C., 455 P, n. w.
Bouis, Wm. R., 2003 5th, n. w.
Bradley, Arthur G., 908 21st, n. w.
Brelsford & Shields, 1218 Pa. av, n. w.
Brill & Hayden, 213 Pa. av, n. w.
Brooks, E. F. Co., 531 15th, n. w.
Brooks, Luther C., 616 D, n. w.
Brooks, Rufus C., 9 N, n. w.
Brown, Thos., 240 14th, s. w.
Buechler, R. A., 606 13th, n. w.
Busey, Walter I., 1525 10th, n. w.
Caldwell, John L., 1710 9th, n. w.
Campbell, Robt. G., 517 10th, n. w.
Campbell, Wm. P., 512 7th, s. w.
Carroll, Jas. O., 1619 N. J. av, n w.
Casey, M. B. & Co., 918 6th, s. w.
Caverly, Robert B., 504 10th, n. w.
Clark, Thos. C., 1216 6th, n. w.
Colbert, Maurice J., 503 9th, n. w.
Connor Bros., 1542 9th, n. w.
Conradis, Wm., 1025 7th, n. w.
Craven, John F., 617 E, n. w.
Cunningham, Jas., 1408 Pa. av, n. w.
Curtin, Oliver, 1621 E, s. e.
Daly, Frank, 638 G, n. w.
Daly, Geo. D., 638 G, n. w.
Daly, Jas. P., 737 5th, n. w.
Daly, Jos. E., 321 8th, n. e.
Daly, Peter, 617 E, n. w.
Daniels, Walter W., 818 14th, n. w.
Dessey, Chas. E., 1727 Pa av, n. w.
Dorsett, Chas. A., 602 K, n. e.
Dougherty, Wm. W., 600 K, n. w.
Duffy, Wm., 1130 N Capitol
Dunigan Plumbing Co., 717 12th, n. w.
Fingles, P. J., 446 Mass. av, n. w.
Fitzgerald, Richard A., 349 D, s. w.
Fitzgerald, Robt., 26 G, n. w.
Fowler, Walter P., 816 19th, n. w.
French, Irwin J., 1404 Pa. av, n. w.
Freund & Anderson, 910 E, n. w.
Gaghan, Jno. & Co., 717 11th, n. w.
Goodall, Geo. W., 504 Md. av, s. w.
Gorman, Edw., 124 B, n. e.
Goss, Wm. E., 1241 4 1-2, s. w.
Green, Geo. A., 23 Harrison, Anacostia
Green, Geo. A., 308 Pa. av, s. e.
Guerin, John R., 412 E Capitol
Hall & Markward, 1201 H, n. e.
Hanes, Geo. W., 812 14th, n. w.
Hannan, Daniel J., 517 F, n. w.
Hannan, Edw. J., 517 11th, n. w.
Hannan, Eugene C., 1416 N. J. av, n. w.
Hannan, Pat'k F., 1509 17th, n. w.
Harper, Julius W., 488 G, s. w.
Harrison, Jas. T., 28 Monroe, Anacostia
Harrison, Jas. T. & Son, 616 Pa. av, s. e.
Herbert, Jos. A., 302 E Capitol
Hoffman, F. F., 1209 4th, n. w.
Horan, Jas. F., 417 4½, s. w.
Humphrey, Thos. & Son, 1335 F, n. w.
Hurley, John W., 718 D, n. w.
Hurney, Thos. F., 1630 Fla. av, n. w.
Hutchinson & McCarthy, 520 10th, n. w.
Johnson, Jos. R., 112 F, n. w.
Kauffman, E. T., Tacoma pk
Kaufman, Eusebius T., 602 F, n. e.
Keese, Wm. F., 482 N, s. w.
Kennedy, F. B., 306 Pa. av, s. e.
Keohane, Dennis, 511 10th, n. e.
Kibbey, Chas. C., 620 Mass. av, n. e.
Kipple, Jno. A., 17 1-2 H, n. e.
Koch, Wm., 724 13th, n. w.
Krause, John, 1020 18th, n. w.
Lanahan, Jos. B., 108 H, n. w.
†Lansdale, Elbridge G., 2720 M, n. w.
Lauxman & Sincell, 1840 7th, n. w.
Lockhead, Chas., 3058 M, n. w.
Lockhead, Jas., 511 14th, n. w.
McAvoy, Geo. F., 1332 H, n. w.
McAvoy, Jno. M., 1940 14th, n. w.
McBee, Randolph, 916 L, n. w.
McCann, Jno. J., 460 I, s. w.
McCann & Marsden, 488 G, s. w.
McGhan, F. B., 427 15th, s. e.
McGoldrick & O'Connor, 202 G, n. w.
McIntosh, Geo. T., 1501 Conn av, n. w.
McMahon, Jno. J., 2305 H, n. w.
Maisak, Geo. H., 711 13th, n. e.
Mallett, Edmond, Jr., 517 11th, n. w.
Mangan, L., 1619 L, n. w.
Marsden, Frank L., 507 7th, s. w.
Martin, W. S., 736 13th, n. w.
May, Thos. O., 1624 14th, n. w.
Mendenhall & Waters, 1410 Pa. av, n. w.
Miller, Chas. E., 2031 14th, n. w.
†Moran, Jno., 1146 Conn. av, n. w.
Mulcare & Barco, 1303 H, n. w.
Murphy, Daniel J., 1104 Conn. av, n. w.
Myers, Edmund B., 1002 9th, n. w.
Neumeyer, J. T., 1813 6th, n. w.
Niland, P. T., 2021 M, n. w.
Nolan, James & Sons, 721 14th, n. w.
Noonan, Timothy V., 137 Thomas, n. w.
O'Connor, Dan'l I., 1262 32d, n. w.
O'Donnell, Dan'l A., 1228 N. J. av, n. w.
O'Hagan, Jas., 1401 17th, n. w.
Power, J. A., 430 10th, n. w.
Pruitt, Norman, 814 H, n. w.
Purcell, Chas. J., 483 N, n. w.
Quayle, Geo. A., 728 L, s. e.
Quinter, Jos. R. & Son, 1414 R. I. av, n. w.
Quinter, W. E., 3311 Brightwood av, n. w.
Regan, Cornelius, 906 H, n. e.
Roache, Jas., 1231 B, s. e.
Rose Bros., 1809 14th, n. w.
Rothwell, Wm., 24 9th, n. e.
Rothwell & Son, 1120 18th, n. w.
Roys & Roys, 646 E, s. e.
Schaefer, P. C., 139 B, s. e.
Schaffer, Geo. F., 223 D, n. w.
Scott, Robt. S., 1019 20th, n. e.
Senft, Wm., 216 C, n. w.
†Shedd, S. S. & Bro. Co., 432 9th, n. w.
Sherwood, Samuel H., 451 P, n. w.
Strobel, Roht., 702 E, s. w.
Stutz, Geo. F., 1100 Q, n. w.
Suit, James E., 819 9th, n. w.
Suit, Wm. E., 742 5th, s. e.
Suman, Jas. L., 936 Fla. av, n. w.
Swan & Wilkins, 1115 Q, n. w.
Sweet, Wm. T., 31 P, n. w.
Thomas, Wm., 625 K, n. w.
Thomas, Wm. A., 1011 N. Y. av, n. w.
Tilp, Frederick, 802 M, n. w.
Tompkins, Edward H, 1521 N Capitol
Umhau, Christian F., 1714 7th, n. w.
Venable, Frank W., 515 Va. av, s. e.
Volland, Edw., 1724 5th, n. w.
Wall, Wm., 733 24th, n. w.
Ward, Wm. N., 229 H, n. w.
Welsh Bros., 736 14th, n. w.
Whittington, Chas. P., 4126 F, n. w.
Williamson, Donald S., 605 N. Y. av, n. w.
Work, Wm. J., 1023 H, n. e.

FLORIDA.

BARTOW—Claxton, Wm. R.
Reed, C. E.
COCOA—Hindle, Wm.
DAYTONA—Allen, F. C.
Green, Spencer B.
FERNANDINA—Mann & Eures
Carmichael, J. D.
GAINESVILLE—†Baird Hardware Co.
JACKSONVILLE—Clarke, Wm.
Hooker & Lightbody
†Huhhard, S. B. Co.
Hunter & Ballou

†Jacksonville Plbg. & Htg. Co.
Kuckler, Jacob E., 320 W Forsyth
Macy & Johnson, 319 Laura
Roberts, Luther M.
Stafford & Ward Co., 33 W Bay
Tutt & Ball, ft Newman
KEY WEST—†**COSTAR, M. R., 121 Simonton**
Crimmins. J. T.
Page, A. J., Elizabeth st
MIAMI—McDonald, M. J.
OCALA—Needhan, T.
Yonge, R. E.
ORLANDO—McBride, J. P.
PALATKA—**GRIFFIN, MARTIN & CO.**
Kelley, E. C. & Co.
PENSACOLA—Turner, C. H.
†**WICKE & CO.**
ST. AUGUSTINE—†Hamblen, C. F.
Libby, Jos. C.
SANFORD—Fernald, Geo. H. Hardware Co.
TALLAHASSEE—Rozear, S. P.
†Yaeger, L. C.
TAMPA—Berry, W. J. & Co.
Bomford, H. Co. (Large)
Coates Plumbing Co.
Foley Plumbing & Hardware Co.
Lau, K. Richard
Ronco, Jos.
Shea, D. W.

GEORGIA.

ALBANY—Bell, W. S. & Son
Eatman, R. C.
AMERICUS—Payne, C. P.
†**SCHROEDER, W. H. R.**
ATHENS—Dornblatt Plumbing Co.
ATLANTA—Bashlor, J. W., 29 N Forsyth
Bellingrath Plumbing Co., 40 S Pryor
Bowen, J. B., 51 S Pryor
Clemmons, J. F., 838 N Pryor
Dennis, V. J., 722 Houston
Dewberry, G., 5 Peters
Dozier, L. A., 29 N Forsyth
Farrell H. & Plbg. Co., 8 N Forsyth
Ford, M. E. & C. W., 13 S Broad
Franklin Plumbing & Tinning Co., 123 Whitehall
Harmsen-Belcher Plumbing Co., 36 S Broad
Haskell, E. V. D., 116 Courtland
Henry, T. J., 62 Broad
†Hunnicutt, J. E. & Co., 60 N Broad
Jennings-Gresham Co., 16 N Forsyth
Kenyon, A. B., 88 N Broad
Loftis Plumbing Co., 23 E Hunter
Mell Plumbing Co., 63 S Pryor
O'Shields, R. F., 12 E Hunter
Quillian, G. O., 176 Auburn av
Reynolds & Son, 49 N Forsyth
Rogers, J., 11 Fairlie
Smith, J. G., 103 S Forsyth
Steinhauer, Jno. F., 59 S Pryor
Stockton, B. F., 24 S Pryor
Union Plumbing Co., 19 Walton
Vandiver, M. C., 64 N Pryor
Wingate, Oliver, 127 Edgewood av
Yarbrough, D. W., 20 E Hunter
AUGUSTA—Brittingham, Duffy & Co.
†Erbelding, E. J., 743 Ellis
Griffin, W. H., 316 7th
Jessup, E. S., 939 Broad
†McAuliffe, T. G.
Morris Plumbing Co.
Tarleton, C. Y.
Vales, J. W., 115 7th
BAINBRIDGE—Preston, F. A.
BARNESVILLE—Hawkins, R. E. Lee
BRUNSWICK—†Daniels, Moses
Gilmore & Wood
Neller & Wheeler
CAIRO—Sapp Hdw. Co.
CARTERSVILLE—Lumpkin Bros.
CEDARTOWN—**CHAPMAN PLUMBING CO.**
COLUMBUS—Fee, Mrs. Wm., 940 Broad
Fee, Mrs. Wm., 940 Broad
Springer, C. P.
Tumlin, J. W.
DALTON—Parmalee, H. C.
DAWSON—Clay, J. S.
Miller, W. L.
DUBLIN—Illing, L. A.
Turlington, W. T.
FITZGERALD—Crimble, J. H.
Watt-Harley-Holmes Co.
GAINESVILLE—Moss, W. R.
MACON—Gormaley, Jas. C.
Lee & Green
Meath, M. J., 407 Mulberry
†Suber's, S. M. Son, 205 Cotton
MARIETTA—Dobbs Hdw. Co.
Schilling, F. E. A.
MILLEDGEVILLE—Hall, W. H. & Co.
Hatcher, R. W.
Parker, Hy. P.
NEWMAN—Martin, T. M.
ROME—Elliott & Lanier
Powell, J. D.
SAVANNAH—Broderick, E. F., 242 Drayton
Brody, T., 111 Jeff'n
Burpee, L. L., 422 Charlton, E
Collins, James T., 211 Whitaker
†Cornwell & Chipman, 108 W Congress
Cosgrove, W. H., 123 Drayton
Garmany, L. M., 910 Jefferson
Jackson, J. L., c 22 State W
Foughner, J. W., 317 36th E
Kiernan Plumbing Co., 10 W State
Knight, E. B., 125 Jefferson
Lang, J. W., 209 Jefferson
Lynch, W. S., 20 Bryan, W
McCarthy, L. A. & Son, 142 Drayton
McKenna, J. H., 25 W York
Masters, J. F., 1104 W Broad
Masters, P. E., 209 Whitaker
Meyer, H. J., 122 Jones, E
O'Brien, T. J., 143 Whitaker
Price, A. C., 145 Whitaker
Seckinger, C. R., 151 Whitaker
Wiggins, J. W., 118 President, W
THOMASVILLE—Grant, J. B.
Gribben, James
VALDOSTA—Briggs, W. H. Hdw. Co.
Rouse, Roscoe
WAYCROSS—Keene, H. H.
Murray, M. J.

IDAHO.

BOISE—Acme Plumbing Co.
IDAHO HDW. & PLUMBING CO.
†Loree & Lusk Plumbing & Heating Co.
IDAHO FALLS—Griffeth's Hdw. & Plbg. Co.
LEWISTON—Hahn, Chas.
Naylor & Norlin
MOSCOW—Peterson, N. & Co.
Vroman, A. L.
POCATELLO—Greene & Higson
Standley, J. A.
Stevens, C. E. & Co.
WALLACE—**COEUR d'ALENE HDW. CO.**
Stimson, Wm.
WARDNER—Rosenholz, Carl A.

ILLINOIS.

ALEDO—†Detwiler Bros.
Wells Bros.
ALTON—†Alton Plumbing & Heating Co.
Curdie-Challacomb Co.
Klunk & Heskett
AURORA—Bevier & Hermes
Connors & Trauten
Divekey Bros.
Mullen, Wm. J.
†Ruddy, J. J.
†Taylor & McGuire
†**WALTERS, T. E. PLBG. & HEATing Co.**
Wormley, L. B.
†Zack & Mylins
†Ziegler Bros.
AVON—†Van Winkle & Son
BATAVIA—Barekley, John
Grimes, W. L.
Ruddy & Co.
BEARDSTOWN—Raycroft, Jas. T.
BELLEVILLE—Ehret, S.
†**KARR SUPPLY CO.**
Stoltz Supply Co.
BELVIDERE—Fellows, J. H. & Son
Ray Bros.
BERWYN—†Goelitz, Louis
O'Brien, J. J.
BLOOMINGTON—Brennan, Wm. A.
Gregory, E. M.
Keiser-Van Leer Co.
†**LOUDON, ROBERT**
Lowry, John P.
McCarthy & Donlon
†McGregor, R. R. & Co.
†McIntosh, George
†Morrison, Frank
†Peterson & Waddington
†Sullivan, Frank T.
BLUE ISLAND—**SCHREIBER BROS.**
†Vandenberg & Pronger
BUNKER HILL—†McPherson, Harry
BUSHNELL—†McGehe, A.
Wigert, J. C.
CAIRO—†Gannon, Thos. W., Wash'n av & 10th
O'Shea, J. J.
Walker, M. J.
CAMBRIDGE—Pollock, James
CANTON—†Buckley, J. B.
Gillett, Allen P., W. Elm
†Luker Bros.
Murphy, J. P.
CARLINVILLE—Sexton, Daniel E.
Siegel, George
CARLYLE—†Feulner, Frederick
CARTHAGE—Reyer, Fred
CENTRALIA—Cunningham & Co.
FOWLER, H. A. & CO.
CHAMPAIGN—Bailey, C. C.
Dunlap, R. L.
†Page, C. E. & Co.
Reinhart, Rich. E.
†Robinson, E. A.
Walsh, Heuck & Co.
CHARLESTON—White Plumbing & Heating Co.
CHESTER—Weinrich, C. F.
CHICAGO—Abraham, Sidney F., 913 Clybourn av
Abraham, Marks, 1909 Archer av
Adler & Co., 211 35th
Alcock Plbg. Co., 98 22d
Allen & Sandy, 86 S Desplaines
†Alles, J. F., 233 Lincoln av
Alles, Jos. W., 463 Division
Anderson, Matthew & Son, 69 35th
Arnold, Robt. J., 524 S Western av
Arnold, Wm. P., 1106 W 12th
Arnoldi, Peter T., 213 Cleveland av
Atkins, Robt. W., 530 W. 14th
Atkinson, James, 295 W North av
Bachtold, Chas. E., 714 W 120th
Baggott, E. Co., 171 Adams
Bahn, Alvin W., 393 W Ravenswood pk
Bahn, W. F., 1081 Southport av
Baier, Frank, 841 Wellington
Bailey, Patrick & Sons, 199 W Division
Bain, L. R. & Co., 631 W Madison
Balej, Joseph, 747 W 18th
Ball, Francis E., 5, 155 Washington
Barnard, Louis G., 1514½ W Madison
Barrett, Jas. J., 163 Randolph
Barrett & Walther, 518 W Chicago av
Barry, David J., 23 N 48th av
Barta Bros., 781 W 12th
Bartels, H'y P., 1080 N 41st
Bassett, James S., 13 Plymouth
Bastick, Geo. J., 807 W 63d
Bates, Thomas H., 3904 Indiana av
Baumgarten Bros., 1365 Ogden av
Baumhardt, J. B., 749 N Wells
Beattie, E., 1622 Wabash av
Beauchamp, Wm. C., 11413 Michigan av
Becker, Jacob P., 641 Sedgwick
Becker, Peter & Co., 628 S Ashland av
Beggs, Thos., 85 Randolph
Benning, Edmund J., 1424 Belmont av
Bensinger, Alfred W., 535 47th
Berg, M. A., 366 W Taylor
Berndt, Julius C., 520 Roscoe
Bibow, Otto C., 498 W 14th
Bieger, Chas., 453 Milwaukee av
Bieschke, F. J., 746 Clybourn av
Biggers, A. A., 614 W Harrison
Binder, Jno. F., 66 Lake
Bird, Oscar P., 336 Lawrence av
Birdoscar, P., 336 Lawrence av
Birkholm, Wm. F. & Bro., 617 Grand av
Blaszczynski, Adam, 648 W 17th
Blythe, Walter J., 660 W Division
Bobek, Joseph, 860 W 20th
Boecher, John, 1198 Lincoln av
Boersma, S. A., 10950 Mich av
Boettin, P. C., 852 Grand av
Boss, August H., 522 Sedgwick
Bovee, Nicholson & Co., 4554 Cottage Gr've av
Bowden, Wm., 238 25th
Bowman, Wm J. & Co., 670 W Chicago av
Boyd, Chas. J., 709 W 47th
Boyd & Co., 33 Dearborn
Braddock, Jno. J., Jr., 580 W 14th pl
Bradford, Edwin J., 3960 Langley av
Bradley, Jas H., 8026 Vincennes rd
Brady, Chas. A., 318 W Belmont av
Brasen, B., 656 W Division
Breen, Joseph B., 214 Blue Island av
Breetzke, G. H., 1005 W 63d
Brennan, Daniel G., 117½ Dearborn av
Breyer, Chas C., 187 W Division
Breyer, Frederick, 10 S Clinton
Breyer, Henry, Jr., 1725 Milwaukee av
Brill, George, 480 S Halsted
Britt & Bauer, 313 Sheffield av
Brooks, C. J., 1018 W Harrison
Brooks, M. G., 1111 W Harrison
Brown, Hy. F., 49 N 48th av
Brown, J. W. & Co., 364 Lincoln av
Brown, R. F., 161 43d

Brown, Sam'l G., 1121 N Halsted
Brown, W. E., 45 W Washington
Brown, Wm. J., 1958 N Halsted
Brunt, John, 9115 Erie av
Bryant, John H., 53 Michigan
Bryson Bros., 322 W 63d & 736 W 79th
Bubeck, Peter, 2618 Wentworth av
Burg, Peter, 1861 Grand av
Burke & Drever, 3440 Cottage Grove av
Burns, D., 400 47th
Burns, G. B., 231 S Prairie av
Burns, J. J., 1658 35th
Burns, John W., 5648 Jefferson av
Busch, Arthur J., 1503 Diversey boul'd
Butler, J. J. & Co., 184 53d
Butts, F. E., 6306 Lexington av
Byrne, Jas. J., 2812 Archer av
Byrne, Michael, 1648 W 69th
Byrne & Ryan, 4308 Cottage Grove av
Calais & Kinsella, 7307 Vincennes av
Cameron, Alex. M., 135 W Van Buren
Canavan, P. J., 53d & State
Canning, A. P., 1958 Evanston av
Cannon, John & Son, 11323 Michigan av
Carlson, Frank W., 1531 N Clark
Carmichael, Jas., 109 S Western av
Carmody, Jno. J., 375 W Vanburen
Cartwright Bros., 713 63d
Carty, J. J., 650 W 63d
Cashin, Jos. J., 395 N Wells
Cashion, J. J., 111 W. Taylor
Charpier, Walter, 1362 W 103d
Chicago Heating & Plumbing Co., 4618 Champlain av
Chilvers, Abraham L., 984 W Harrison
Chiprin, Jacob, 245 W 12th
Christiansen, Louis, 212 Homer
Christopherson, Henry, 133 N Humboldt
Clancy, James, 215 Ogden av
Clark, James J., 119 22d & 113 53d
Clausen, Louis A., 1946 Milwaukee av
Clausen, M. W., 233 W Madison
Claussen & Stark, 564 Sedgwick
Clifford, Jno. T., 1317 W Van Buren
Clinton, Jas. C., 1181 W Madison
Coleman, Rupert, 855 N Clark
Coles, Wm. G., 194 S Western av
Collins, Daniel, 953 W 63d
Collins, Jno. M. & Co., 324 37th
†Conlin, Thos., 3978 Cottage Grove av
Connell, John, 50, 84 Washington
Connell, Jno. F., 707 Grand av
Connelly & Bohne, 4920 S Ashland av
Connor, Edw. D., 637 31st
Connor, T. G., 577 43d
Connors, Jno. J., 256 31st
Conway, Thomas, 612 W 63d
Cook, Jno. E., 138 N Wells
Cook & Mangan, 1802 Wabash av
Corbett, A. J., 2409 Cottage Grove av
Corboy, Michael J., 78 Dearborn
Corcoran, Jno. L., 807 W Madison
Corderman, E. E., 702 W Lake
Corrigan, M. M., 170 Grand av
Coultry, Jas., 54 N Wells
Coupland, James, 4749 Cottage Grove av
Cousins, Thos. S., 5456 S Ashland
Cregan, Patk., 509 39th
Creighton, Walter B., 1266 W Lake
Cremerius, J. S., 1030 Barry av
Cummings, John J., 6918 Wentworth av
Cummins, Wm. H., 1371 W Van Buren
Cunneen, M. A., 973 N Robey
Dalton, Thos., 625 W Van Buren
Daly, Jos. J., 87 5th av
Daum, Herman, 1645 W 47th
Davidson, Wm. A., 151 Van Buren
Dawson, Thos., 185 20th
Deddo, Michael, 1929 Archer av
Degman, John, 297 Wabash av
Delehant, Jno., 839 W. 47th
Denniston, John A., 145 N Clark
Deschaur, Stephen, 334 Blue Island av
De Veney, Jas. H., 2403 Indiana av
Dickens, F., 82 Washington
Didier, F. J., 127 N Park av
Diercks, Robt., 1097 Milwaukee av
Dieringer, Henry, 4655 Wentworth av
Dietcher, John S., 4 Higgins av
Dillenburg, M., 1509 W 51st
Dittman, Arthur C., 1350 N 42d av
Dolan, Edw. E., 341 Loomis
Dolan, Thos. J., 5137 S Halsted
Donat, Jos., 96 Fisk
Donat & Kuehn, 96 Fisk
Donlan, Thos., 6754 S Halsted
Donnelly, John M., 3522 S Paulina
Donoghue, Chas F., 78 Van Buren
Dore, Dan'l D., 1058 Clifton Park av
Dornbos Bros., 870 W 21st
Dorney, Richard, 1512 Milwaukee av
Downey, Jno., 310 W Garfield boul
Downs, Wm., 4031 State
Doyle, Jas. J., 6040 S Halsted
Dreier, Chas. A., 463 47th
Dressel, Oliver N., 1324 S Alabny av
Drummond, P. D., 251 W 63d
Duffy, Edw. L., 1994 W Madison
Duffy, Thomas E., 6704 State
Dugan, Jas. H., 2256 Indiana av
Duha, Jno. A., 879 W Division
Dullard, Wm., 4105 State
Dunne, Jno. P., 817 Lincoln av
Dunphy, Richard, 6560 Wentworth av
Dwyer Plumbing & Heating Co., 210, 40 Dearborn
Eadie, W. S., 3450 Indiana av
Eck, Geo., 2208 Archer av
Ecklund, Peter A., 8712 Buffalo av
Eeles, Jas. A., 455 W Lake
Eichenbaum, Paul, 960 Armitage av
Eichler, A. C., 2531 Wentworth av
Eichler, Wm. A., 2110 Indiana av
Eldridge, A. W., 1324 70th pl
Ellfeldt, Wm. F., 1048 W. 18th pl
†Elliott, Jos. I., 272 55th
Emblen, Jos. L., 3020 Michigan av
Erb, Frederick, 502 N Wells
Erman & Co., 527 E 47th
Euphrat, Isaac, 2969 Archer av
Evans, Jas. J., 4403 State
Exhibit & Trading Co., 70 N Clinton
Fagan, John F., 1843 W Chicago av
Faherty, P. C., 1314 Addison
Falk, Frank, 725 Milwaukee av
Farr, F., 2803 Emerald av
Farwell, Bernard J., 87 W Jackson boul
Fehr, Gustav A., 76 Canalport av
Fehrenkamp, Wm., 243 92d
Feldkamp, Geo. J., 345 E 63d
Fethler, Geo., 1368 N Halsted
Fienberg, Harry, 774 Milwaukee av
Fik, James, 684 S May
Finkelstein, Max, 280 W 14th
Finley, Chas. P., 4852 N Clark
Finn, Richard B., 138 35th
Fisher, A. J., Plumbing Co., 1606 Lincoln av
†Fitch Co., 3738 Cottage Grove av
Flanigan, Jno. C., 225 51st
Foley, Pat'k J., rear 3448 Wabash av
Folsom, Eugene, 6222 S Ashland av
Ford, Wm. E., 4205 Union av
Forster, John J., 772 W 12th
Foskett, Chas. M., 131 5th av
Fraisl, Adolph, 1550 W North av
Franklin, Geo., 607 Wilson av
Frewzil, Chas., 455 Oakdale av
Fuller, Henry P., 156 S 40th av
Fullmer & Ball, 155 Wash'n
Gallagher, Patk. J., 8911 Commercial av
Gannon, Jno., 802 W 63d
Garrabrant, Thos. F., 6810 S Halsted
Garvey, Jeremiah, 1399 W 12th
Gaskin, A. A., 124 S Western av
Gawne, Wm., Jr., 516 W Huron
Gay & Culloton, 50 N Clark
Gaynor & Connell, 1015 W Lake
Geary, Thos. F., 72 31st
Geimer, Theo., 425 North av
Geiss, Ignatz J., 544 W North av
Gendron, Cyrille, 345 Loomis
Gent & Weston, 7321 Vincennes road
Gerke, Franke, 3239 Union av
Gilbert, Frank V. & Co., 10 S 52d av
Gill, J. J., 5056 Wentworth av
Gillmore, Thos. J., 753 W Madison
Glavin, Jno. B., 4745 State
Gleason, F. P. & Son, 511 Wabash av., 4546 State
Glotzbach, Jno., 156 5th av
Goller, Wm., 4538 Wentworth av
Gollner, Philip, 3316 Archer av
Good, Samuel, 292 35th
Goodbrand, Jno. A., 3133 Cottage Grove av
Gordon, Danl. C., 47th c Calumet av
Gormley, Jas., 3609 Archer av
Goss, John H., 12 Rush
Gow & McLaren, 858 N Rockwell
Graham, Jno. E., 1087 N California av
Graham, Wm. & Co., 434 N Clark
Grannon Bros., 299 W Randolph
Grant, G. V., 352 Webster av
Griffith, Jno. W., 1873 Lincoln av
Griffith, Robt. Co., 427 N Clark
Griffith, W. H., 854 Evanston av
Grimes, Patk. J., 459 State
Groll, Geo., 298 Orchard
Grosch, Fred, 8 Powell av
Gschwind, Adolph R., 869 Sheffield av
Guenther, Herman, 824 W North av
Gundermann, Jno. C., 317 Clybourn av
Gundermann, Phil. H., 191 Center
Gunn, D., 375 S Clark
Haas & Hilton, 213 Randolph
Haedorn, Joseph, 306 24th
Hagemann, W. T., 1289 W Ravenswood Pk.
Hagen, Michael L., 1481 35th
Hahn, O. W., 10046 Eding av
Hall, Jno., 6346 Cottage Grove av
Halpin, Nicholas J., 346 W 47th
Hamblin Plumbing Co., 893 W Polk
Hamblin & Brooks, 598 Ogden av
Hamer, Arthur A., 46 Cypress
Hamich, Peter H., 86 Delaware pl
Hamilton, Harry, 987 N Clark
Hanagin, John, 91 16th
Handler, B., 46 Blue Island av
Haney, Jno. V., 242 S Kedzie av
Hanks & Stein, 97 29th
Hanley Casey Co., 265 5th av
Hanrahan, William, 840 35th
Hansen, Edw., 295 Milwaukee av
Hanson, Joseph, 1348 Wabash av
Hardin, Daniel, 251 31st
Harkins, Louis V., 644 N Clark
Harper, Jno. W., 1393 Armitage av
Hartung, E. Max, 319 Sedgwick
Harvey & Mose Plumbing Co., 680 W North av
Hauslein, E. E., 1298 N Clark
Hauslein, Geo., 1197 N Halsted
Hauslein, George F., 80 Fullerton av
Haussmann, F. C., 31 N Ashland av
Heantsch, R. R., 5527 Wentworth av
Heath, Geo. W., 1018 51st
Hedman, Jacob E., 670 N Western av
Heintz, Jno. P., 1244 Argyle
Heitsmith, W., 227 Division
Held, Adam, 212 Warner av
Hennessey, Edw., 266 35th
Hennessey, Jas., 297 61st
Hennessy, Patrick & Co., 6250 1-2 S Morgan
Henry, Andrew R., 5736 Wabash av
Herbert, Chas. J., 326 Dearborn
Herbold & Co., 818 W 47th
Herbst Bros., 171 Milwaukee av
Herda, C. C., 622 W 21st
Herrman, Otto W., 427 W Fullerton av
Hess, Wm. O., 5244 State
Heymann, Otto, 300 Washburn av
†Hickey, A. C., 75 W Madison
Hickey, David J., 273 Rush
Hilderbrecht, Arthur J., 172 N Clark
Hill, Saml., 1328 Ogden av
Hill, W. T., 745 W. Erie
Hillshoff, Alex, 4840 N Clark
Hinsberger, Hubert J., 2969 Cottage Grove av
Hirschman, Jno. B., 389 63d
Hocking, R. D., 645 W 69th
Hodges, Matthew, 354 Lincoln av
Hoey, Michael E., 231 W Jackson boul
Hogan, Joseph, 685 43d
Hojda, James, 4811 Monroe
Holmes, R. E. & Co., 335 W 63d
Hoy, Wm., 531 37th
Hudon, L. W., 2037 38th
Hughes, Peter J., 6259 Lexington av
Hulbert & Dorsey, 175 Monroe
Hutchinson, B. Z., 1049 Seminary av
Hynes, Michael L., 5252 S Halsted
Ingram, William, Jr., 1242 E Ravenswood Park
Innes & Glennie, 3124 Cottage Grove av
†Innes & Graham, 1803 Wabash av
Jack, D. T., 893 W. Lake
Jacobs, Charles H., 11744 Michigan av
Jacoby & Co., 42 E Belmont av
Jacquest, Wm. R., 3528 S Wood
Jaeschke, P. H., 72 Center
James, J. R. & Co., 247 W 63d
Jandos, James A., 930 W 22d
Januszewski, Vincent P., 214 W Huron
Jedlan, Jos. B., 709 W 18th
Jesperson, Christian, 1358 Lincoln av
Jiroch, Edw., 279 Mohawk
Johns, William J., 887 W North av
Johnson, Albert, 3051 Wallace
Johnson, Arthur O., 844 N Western av
Johnson, Gustaf, 87 W Ohio
Johnson, Nels H., 610 Wilson av
Jones Bros., 9212 Commercial av
Jordan, M. F., 5131 S Ashland av
†Juergens, L. & C., 1274 W Madison
Jurs, John J., 1595 Milwaukee av
Kalal, Frank J., 169 De Koven
Kalb, Wm. G., 538 Milwaukee av, c Center av
Kaleher, J. H. & Co., 4309 Berkeley av
Kane, Edw. J., 808 W 69th
Kaplan, Edw., 278 W Division
Kaplan, Louis, 3441 State
Keefe, Arthur J., 8675 Vincennes road
Keefe, Luke, 2027 N Ashland av
Keidel, Jos., 816 35th
Keiser, Frank, 2076 N Ashland av
Kelly, Jno. J., 521 W Taylor
Kelly, Thos. & Bro., W Congress c S 46th av
Kelly, W. D., 1442 W North av

Kendrick, Fred. J., 3635 State
Kennedy, D. Z., 11,513 Michigan av
Kennedy, Frank T., 9145 Commercial av
Kernan, Thos., 5508 Jefferson av
Kersten, Sam'l, 33 Blue Island av
Kiessling Bros., 1199 Milwaukee av
King, M. A., 1065 W Madison
King, Peter, 1468 W Lake
Kinney, P. J., 87 22d
Klahre, Henry J., 83 N Clark
Klein, B. C., 4634 Cottage Grove av
Klcker, John, 4630 S Marshfield av
Klemz, Fred & Co., 1086 N Leavitt
Knauss, Wm. F., 357 N State
Kneisly, Wm. S., 18 26th
Koenemerge, Tony & Co., 1771 N Ashland av
Koepke & Gibisch, 249 W Division
Kohl, Albert, 1125 S Kedzie av
Kostlevy, Chas., 218 W 18th
Kotva, James, 7633 Jackson av
Kovarik, Chas. J., 145 W Harrison
Kramp, Wm., 645 W 12th
Kretschmer, C. M., 294 N Wells
Krimmel, John, Jr., 80 Dearborn
Kurz, John F., 3111 State
Lamont & Crooks, 4004 Cottage Grove av
Lang, Theodore K., 432 W 63d
Lang, Wm. J., 538 Division
†Larson, Gustav A., 267 57th
Larson, Wm., 1426 Humboldt boul.
Lavery, Richard J., 279 39th
Lavin & Khym, 4522 Cottage Grove av
Lawrence, Chas. S., 1315 W Madison
Lawson, Jas. G., 3208 N Clark
Leamy, Jas. M., 33 W Madison
Le Blanc, David F., 6539 S Halsted
Leibrandt, Fred'k F., 287 31st
Leisten, Jos., 239 Janssen av
Levy, Joseph H., 129 16th
Levy, Louis I., 5833 State
Levy, Meyer, 784 47th
Lindeman, Jno., 186 S Calif av
Lindvall, Rudolph & Co., 5841 Throop
Linstedt, Jno. A., 1697 N Clark
Liss, Otto, 1987 N Robey
Liss, Robt., 452 Belmont av
Livingston, Solomon, 3213 State
Loescher, Martin, 254 N Clark
Loula, S., 908 W 12th
Lundgren, Chas. M., 5947 S Morgan
Lutz, William, 637 Orchard
Lutz, Wm. F. J., 2215 N Ashland av
Lynch, Jno. J., 736 65th
Lynch, M. F., 4740 State
Lyons, Michael J., 722 W 43d
McAssey, Jno. J., 767 W Vanburen
McCann, Andrew, 738 47th
McCorry, Jas. J., 2191 W Congress
McCuen, F. S., 3756 Cottage Grove av
McCulloch, Robert, 217 W Madison
McCusker, Henry, 971 N Rockwell
McDonald & Son, 997 W Harrison
McDonald, Michael, 129 W Congress
McDonough, Martin, 121 S Lincoln
McGarr, Frank, 1713 W 63d
McGarry, Peter B., 461 Grand av
McGetrick, Jno., 329 S Western av
McGowan, Robt., 863 37th
McGrogan, Thos., 5633 W Lake
McInerney, Austin, 744 W 43d
McInerney, Wm. M., 447 63d
McInnes, Wm. & Son, 973 W Lake
McKay, Wm. J., 408 Dearborn
McKittrick, Jas. J., 4723 S Halsted
McLellan, Jas. A., 2097 W Lake
McLogan, John & Co., 43 Harmon pl
McWilliams, Walter A., 5841 Wentworth av

Maas, Geo., 402 Roscoe
Macauley, Wm. J., 1221 Oak Grove av
Macauley, Wm. J., 300 Center
Macdonald, F. J. & Co., 526 Sheffield av
Maciejewski, A., 685 Noble
Macneil, A. W., 230 E 35th
Madigan, Michael J., 224 N Park av (A)
Mahoney, Chas. J., 2924 Haynes ct
Mahoney, Timothy, rear 343 State
Mallow, Wm. L., 1912 Lincoln av
Mandable, Matthew L., 2320 Cottage Grove av

Marofske, Wm., 762 N Ashland av
Maronn, Fredk. W., 355 W North av
Martin, Chas. P., 6236 S Elizabeth
Martin, W. S., 450 55th
Martinek, James P., 1216 S 40th av
Marubio, Angel, 110 N Wells
Marwedel, A. E., 445 N Clark
Matchen, Hy., 2463 Lincoln av
Mawn, J. F., 191 31st
Maypole, A. M., 816 W Van Buren
Meima, John P., 418 W Division
Melbourne, J. T., 7036 Jackson Park av
Melbye, G. C., 158 Webster av
Melville, Geo., 894 W Harrison
Melville, R. B., 9117 Commercial av
Metz, Wm. F., 346 5th av
Meyer, Wm. A., 1054 Western av
Michels, C. N., 1218 Bryn Mawr av
Millar, Robt. M., 2518 Cottage Grove av
Millar, Wm. E., 690 W Lake
Miller, Anthony, 316 W 43d
Miller, Benj., 162 W 12th
Miller, Harry N., 587 S Halsted
Miller, John, 652 Nelson
Miller, William J., 349 W Chicago av
Miller & Levie, 335 W North av
Milward, O., 318 Evanston av
Mitchell, Hy. H., 568 43d
Mitchell, Isaac J., 85 E 43d
Mitchell, Jesse E., 2196 38th
Mittag, Herman, 1253 W North av
Moe, Reidar, 140 75th
Molter, Nicholas P., 371 Janssen av
Moriarty & Friedrich, 272 Blue Island av
Morris Bros., 3442 S Halsted
Morrison, Andrew, 137 Cheltenham pl
Morrison, Jno., 443 W 63d
Mortimer, A. E., 219 Washington
Moston, Ed., 142 Monroe
†Mourant, Arthur, 4316 Cottage Grove av
Moylan, Patrick, 3646 La Salle
Mullen, Jas. H., 368 E 63d
Muller, Israel, 325 W 14th
Muller, Wm. J., 349 W Chicago av
Mulloy, E., 167 Van Buren
Mund, Herman, 3 W 22d pl
Mundt, Chas., 1800 Milwaukee av
Murphey, Jas. C., 266 W Harrison
Murphy, Michael J., 171 N Clark
Murphy, Pat'k M., 653 62d

Nacey, P. Co., 319 Wabash av
†Nash & Hama, 2216 Wabash av
Naughton, Jas. C., 923 W Madison
Neill Bros., 512 43d
Nelson, Jno., 313 W. Ohio
Nelson, Lewis, 213 Grand av
Nelson, Robt. J., 200 W Van Buren
Neumann, G., 22 Alaska
Newell & Fraser, 32 Pine
Neybert, Otto J., 2449 Archer av
Nicol, J. J., 1136 W Irving Pk boul
Nilson Bros., 154 Oak & 1514 Belmont av
†Noble & Thumm, 290 Lincoln av
Nugent, Wm., 39 S Sheldon
Nutzhorn, Henry B., 1184 W North av

O'Brien, Chas. W., 125 35th
O'Brien, Edwin F., 371 W Van Buren
O'Brien, James J., 1802 W 22d
O'Brien, Jas. P., 293 Grand av
O'Brien, Jno. J., 432 S. Calif av
O'Brien, M. S., 553 Grand av
O'Connor & Barry, 441 W Taylor
O'Dowd, J. F. & Co., 106 Franklin
O'Hare, Jno., 5004 State
Oliphant & Liddell, 268 W Madison
Oliver, George, 7152 Cottage Grove av
Olson, E. Edward, 356 W Lake
O'Malley, Ira J., 85 E Lake
O'Malley, Jos. E., 215 N Wells
O'Malley, Thos. J., 185 Oak
O'Meara, Jas. J., 2961 Archer av
Orne, Henry G. & Co., 9462 Cottage Grove av
O'Rourke, Jas. H., 216 W 18th
O'Shea Bros., 1969 N Clark
O'Shea, Edward L., 1221 Addison & 1828 Evanston av
Ostrander, J. H., 299 Rush
Otis, Ferdinand, 30 Rush
Ott, H. L., 687 W Chicago av
Otter, J. J., 23 26th
Overend, Geo., 818 W 43d

Page, F. W., Jr., 1593 Armitage av
Pagel, Albert C., 308 W 67th
Palmer, Geo. W., 2807 State
Park Bros., 79 Dearborn
Patrick, Robert, Jr., 3961 Cottage Grove av
Patterson & Mots, 184 43d
Paul, Edward, 659 N Ashland av
Paulick, C., 6935 Loomes
Pedersen, M. J., 119 Grand av
Peodisatt, Patrick F., 2905 State
Perkins, F. H., 10 S Kedzie av
Perry, J. C., 2766 W Kinzie
Peters, Jno. J., 1093 W Montrose av
Peterson, Albert, 219 W Erie
Pickett, Jno., 305 Clark
Potter & Hartz, 173 Clark
Powers, Frank T., 6341 S Halsted
Powers, Thos. J., 1992 W Madison
Preissner, Gustav, 541 N Rockwell
Prentice, Thos., 1146 75th
Proebsting, C. N., 1125 W North av
Pyne, Arthur, 709 70th

Quinn Bros., 2914 Cottage Grove av
Quirk, M. F., 4648 State

Racine, Alfred L., 583 W Harrison
Radcliffe, F. W., 5331 Wentworth av
Rankin, W. & J., 453 W Madison
Ray & McConaghy Plumbing Co., 6016 Wentworth av
Rayek & Dolan, 486 W 18th
Raymond, Connos T., 180 Kinzie
Rech, Peter, 386 W Belmont av
Redieske, Chas. Co., 99 Clybourn av
Reger, H. P. & Co., 183 55th
Reilly Bros., 525 W Madison
Reinach & Binder, 916 Belmont av
Reinmuth, Wm. F., 4916 S Western av boul
Renn Bros., 112 Chicago av
Rest, Morris, 262 Maxwell
Reynolds & Jenicek, 592 S Centre av
Rice, Max, 8733 Com'l av
Rich, Paul J., 5201 W Kinzie
Riley, Chas. V., 544 W 79th
Riley, Jas. F., 1081 75th
Rimke, J. F., 531 S Kenzie av
Riordan Bros., 1490 Ogden av
Rippberger, Edw. C., 1711 Lincoln av
Ritter, Wm. H., 141 39th
Robertson, Robert I., 861 W Harrison
Roche, Jas. H., 210 31st
Roche, Jno. D., 178 Blue Island av
Rock Bros., 86 N Clark
Rock, Dan J., 1219 Lill av
Roderwald, Otto, 162 Clybourn av
Rodgers, Geo. P. & Bro., 247 W 39th
Rohn, Adolph A., 796 W Lake
Roland, Wm. J., 927 N Halsted
Roller, Karl L., 6224 Greenwood av
Rosenzwieg, Nathan, 262 W 14th
Rossow, Wm., 1136 Diversey
Rourke, M. B., 149 53d
Ruh, Frank E., 548 N Wells
Ruh, Frank J., 692 Lincoln av
Rustman Bros., 566 S Halsted
Ryan, Geo. F. & Co., 46 Hubbard pl
Ryan, John B., 361 W 63d
Ryan, Wm. H., 5434 S Halsted

Salmon, Jno. A., 606 W Van Buren
Sanders, James & Co., 264 42d
Sanders, John 5965 Union av
†Sanders, Patrick & Son, 1314 Wabash av
Sanford, Thomas J., 5238 State
Sanger, Chas. I., 1115 Sheffield av
Sattler, Jos., 642 W Van Buren
Savage, Wm. A., 44 31st
Schaefer, Joseph H., 4047 N Clark
Scharle, Jno. P., Jr., 144 Colorado av
Scheel, Frank, 474 Larrabee
Scheuer, Jos., 924 Lincoln av
Scheuer, Wm., 189 Fullerton av
Schiele, Frank C., 4355 Wentworth av
Schiller, Aug., 1347 N Fairfield av
Schirmer, Geo. W., 1988 W Madison
Schirra, Jno., Jr., 356 North av
Schliep, E. J., 353 Larrabee
Schmidt, Harry F., 1098 5th & 6007 State
Schmidt, Wm. C., 641 W Lake
Schneider, A., 2243 N Clark
Schnobel, Hy. A., 816 W 120th
Schofield, Fred R., 310 S. Calif av
Schould, Nicholas, 169 Dekoven
Schramm, H. B., 475 Garfield av
Schroder, Henry F., 692 63d
Schumann, Geo., 578 Southport av
Schuster, Frank P., 234 N Clark
Schwarz, H'y, 367 W Ravenswood park
Schweitzer, C. & R., 187 Centre
Seip, Fred., 210 92d
Shannon, Geo. J., 3241 Cottage Grove av
Shaw, Frank N., 507 43d
Sherman, Geo. W., 4519 State
Shufft, Albert, 4826 N Clark
Shulhafer, J. Edward, 1241 Bryn Mawr av
Sickel, Clarence F., 360 Larrabee
Siewert & Meyer, 1207 Armitage av
Sims, Richard W., 247 W Madison
Sims, Wm., 156 Ogden av
Skelton & Lloyd, 219 N Park av (A)
Smillie, Wm. J., 9221 Commercial av
Smith, Andrew J., 1559 Milwaukee av
Smith, John, 7 Institute pl
Smith, John B., 415 W 51st pl
Smith, Jno. E., 38 43d
Smith, Louis, 1326 W 22d
Smith, Robert, 458 S California av
Smitb, Robt. H., 115 21st
Spang, Frederick A., 344 Roscoe
Stanley, Wm., 336 55th
Staub, Max, 423 N Wells
Stein, Carl J., 479 State
Steinke Bros., 294 W Division
Stokes, Geo. J., 232 W Randolph
Steirnbery, Edward, 1716 E Ravenwood Park
Stradinger, Leonard, 1772 W. Chicago av
Stradinger & Schwarz, 1612 Masonic Temple

Strauss, C. G., 403 55th
Sturt, Hy. W. & Co., 4233 Lake av
Sullivan, Jno. H., 328 Division
Sullivan, Michael, 729 W 43d
Swade & Dore, 412 Blue Island av
Swartz, John, 355 State
Swartz & Peck, 15 S 48th av
Symms Bros., 75, 164 La Salle

Taffe, Chas. F., 305 31st
Tait, Richard, 613 W 69th
Tandy, C. E. & Co., 311 W 69th
Tarrant, Frank E., 403 W Van Buren & 3909 Indiana av
Tegtmeyer, Fred., 124 Canalport av
Telleksen, Benjamin, 5744 State
Terrell & Co., 10 S Centre av
Teutsch, Jno., 2936 Wentworth av
Thime, Gilbert H., 116 N Centre av
Thomas, Oscar H., 208 W Van Buren
Thompson, Edw. B., 173 Randolph
Thompson, H. S., 217 Randolph
Thompson, Wm. D., 848 W Van Buren
Thon & Grosch, 706 N Hoyne av
Thorogood, Robt. F., 713 Greenleaf av
Thuemling, Julius, 156 Clybourn av
Tierney, Dennis J., 596 W Lake
Timm, Edw. J., 719 Belmont av
Timmins, Wm. J., 906 Ogden av
Tipple, Geo., 1587 N Halsted
Todd, Alex N. & Co., 10 S 52d av
Todd, Maurice A., 3105 Indiana av
Tract, Geo., 167 Maxwell
Trandel, Stanley A., 605 Noble & 1760 Monticello
Trott, Albert T., 1512 Ogden av
Tucker, John H., 4652 Indiana av
Tumalty, J. W., 2251 Cottage Grove av
Troy, W. D., 6710 S Halsted

Uher, Chas., 524 W 18th
Ulrich, Otto W., 59 Dearborn
Valentine, Matthew, 1329 S 40th av
Verhoeven, Peter J., 2438 Kensington av
Verity, Wm. S. & Sons, 229 W Randolph
Voigt, A. H., 1345 W Lake
Voltz, Jno. A., Wells & Chicago av

Wade, J. J. & Son, 52 Dearborn
Wagner, Ernst C., 536 W Fullerton av
Wagner, J. C., 265 Augusta
Waldkirch, Aug. J., 135 Lincoln av
Wall, John G., 48 W Adams
Wallace, Jno. C., 74 Chicago av
Wallace, William, 5617 Normal av
Waller, Richard L., 387 43d
Wallis, V. J., 1237 W Madison
Walsh, David, 6828 & 7115 South Chicago av
Walsh, Dennis F., 257 Dearborn
Walsh, Jas. J., 3643 Cottage Grove av
Walter, Chas., 1030 Belmont av
Walther, Wm., 1476 W Madison
Ward, Frank J., 356 37th & 900 51st
Ward, Wm. H., 768 Colorado av
Warren, Thos., 191 Seminary av
Wassmann, Christian, 655 N Wells
Watkins, Joseph, 4306 Cottage Grove av
Watson, A. H., 391 Milwaukee av
Watson, Chas., 705 47th
Watson, E. E., 242 S Western av
Weber, Jacob G., 244 & 1410 N Clark
Weber, J. Martin, 523 Milwaukee av
Weber & Bruckner, 463 26th & 4934 Ashland av
Weck, Alvin F., 1795 N Clark
Wehrmann, Louis F., 3085 Bonfield
Weil, Marcus, 1712 W Chicago av
Weinberg, Abraham E., 510 31st
Welch, Jas., 524 Ogden av
Weller, Edw., 3620 La Salle
Weller, Wm., 3320 5th av
Wendt & Fnright, 339 1-2 S Jefferson
Werdell & Thumm, 857 Sheffield av
Wetzell, Otto C., 31 Chicago av
Whitaker, Herbert L., 3624 W 64th pl
White Geo. J., 82 Gresha mav
Whitney & Ford, 4315 Cottage Grove av
Whiteford, David, 372 W Randolph
Wilheim, Nicholas, 247 Orchard
Wilkie, Jno., 262 Ogden av
Wilkie, Wm., 501 S Calif av
Willems & Way, 164 Lincoln av
Willems Co., 356 N Clark
Williams, Wm. H. & Bro., 23 47th
Willems & Way, 164 Lincoln av
Wills & Smith, 5938 S Halsted
Wilson, Forest H., 13352 Ontario av
Wilson, Jno., 63 N State
Wilson & Wilk Plumbing Co., 1182 Milwaukee av
Winchester & Barnes, 322 N Wells
Wing, Norman A., 6057 State
Winterburn, J. H. Plumbing Co., 53 W Van Buren
Winters, Henry, 897 W North av
Wittenberg, Frank H., 948 N Ashland av
Wittenborn, Wm. J., 6057 Wentworth av
Wixted, Thos., 5551 S Halsted
Wolf, David, 271 W 12th
Wood, A. J., 153 Cheltenham pl
Wood, Wm. G., 819 W Irving Park boul
Woodley, W.m T., 705 57th
Young, & Collins, 321 W Harrison
Zappen, Jacob L., 1550 Wabash av
Zenker, Herman E., 10,230 Vincennes rd
Ziegler, Wm., 371 W Chicago av
Zielenske, Julius, 1481 N Halsted
Zimmerman, Wm., 10301 Av H
Zimmerman & Gunther, 824 W North av

CHICAGO HEIGHTS—Doran, Fred
Gibson, J. E. & Co.
McGuire, E. H.
Stoll, Wm. F.

CLINTON—Argo, Fred N.
McCoid, J. S. & Co.

DANVILLE—†**CARSON & CO.**
Carson, W. H.
Greiser, Fred & Co.
Hannum, W. S.
King Bros.
†Ryan, Edw. J.
†Straw, L. W.

DECATUR—Dawson, O. W. & Co.
Decatur Plumbing & Heating Co.
†Downing, T. E.
†Field & Shorb Co.
Wells, W. J. & Co.
Zimmerman & Seeforth

DE KALB—†Dunn, John
†Sheets & Knodle Co.

DIXON—Morris & Murphy
Smith, Charles G. & Son

DOWNERS GROVE—Fowler, J. D.
†Hawkins, H. G.

DUNDEE—Killeen & Haverkampf

DU QUOIN—†Blakeslee Mfg. Co.

DWIGHT—Corbett, Neil

EAST ST. LOUIS—City Plumbing Co., 226 Collinsville av
East St. Louis Plumbing Co., 126 Collinsville av
Kickham Bros. Plumbing & Boilermaking Co., 430 E. Broadway
†Mayo, W. I.
Metzger, Edw., Coil & St. Louis av
†St Clair Plumbing & Heating Co.
Sanitary Plumbing Co.
Vodde, Benj.

EDWARDSVILLE—Leclair Mfg. Co.
Tuxhorn Bros. Hardware Co.

ELGIN—Manard, A. P.
Manard, A. P.
†Middleton, W. H., 13 Douglas av
Moore & Hawkins
Platt, Henry, Du Page st
†Scanion, J. R., 47 Chicago av
Ziegler Bros., 171 Chicago

ELMHURST—†**HILLIARD, W. J.**

EL PASO—†**HAAS, PETER**

EVANSTON—Balfour, Alex.
Beck, Charles
Cahill & Wright
†**CONNOR, J. C. CO.**
Kearney, George A.
Moore, Geo. S.
Moore, W. S., Jr. (N. E.)
O'Malia, M. L. & Bro. (S. E.)
Park Bros.
Schmeisser, C.
Stokes, E. T.
Wallace, Geo. L.

FAIRFIELD—Martin, Edw. A.

FREEPORT—Boos, Jacob H.
Brubaker, D. L.
†Freeport Plumbing & Heating Co.
Murphy Bros.

GALESBURG—†Telford, C. S.
Wiborg & Hoarven

GALVA—Hokom Bros.

GENESEO—Becker, Theo.
Doremus, M.

GIBSON CITY—Gibson Iron Works

GILMAN—†Holch, F. G.

GIRARD—Howland, W. G.

GRANITE—Granite City Plumbing Co.
Nixon, R. D.

GREENVILLE—†Biggs, A.
McLain, Vance

GRIDLEY—Niergrath & Donnelly

GROSSDALE—Garner, Fred

HARVEY—Armington, C. S.

HAVANA—Harpham, O. H. & Co.
Karl, J. G.
Riggins, Carl J.

HENRY—†**KUSS BROS.**

HIGHLAND—Mosimann, A. P.

HIGHLAND PARK—Abercromby, A.
†Sullivan, C. P.

HILLSBORO—†**BROWN, GEO. W., JR.**
McDavid, J. L. & Co.

HINSDALE—†Davidson, Walter
Kenney, D. J.

HOOPESTON—**NEWTSON BROS.**
†Werner, Ezra B.

JACKSONVILLE—Beastall Bros.
Roylan Bros. Hardware Co.
Landers, Keefe & Co.
†Marcum, W. J.

JERSEYVILLE—†Fry, George A.
Snell Bros.

JOLIET—Barrett Hdw. Co., 218 N Chicago
Eriksen, Walter L.
†Harrison, Frank, 638 Jefferson
Henschen, Hy. P.
Meers, R., 205 Jefferson
Mock & McGann
†Poehner & Dillman, 417 Cass
†Smith, George P., 611 Cass
†Strong, Bush & Handwerk, 115 Jefferson

KANKAKEE—†Blatchford, J. R.
Drury, J. J.
Fortier, E. J.
†Meyer, L. J.
Shores, L. W.

KEWANEE—†Dustin, H. A. & Co.
†Kewanee Sanitary Supply Co.

LA GRANGE—†Kelley, George I.
Ryan, J. J.
Schwenk, F. F.

LAKE FOREST—Fitzgerald, John E.
O'Leary, John

LA SALLE—Bungart, Matt.
Heilstedt, Julius H.
†Hynds, Thomas
Stoecklin, Charles

LEBANON—†Sager, C. H. Hdw. Co.

LE ROY—Johnson, R.

LEWISTOWN—Rosellen, William
Shawver, H. E.

LINCOLN—†Bouillon, W. E.
Jones & Koehnle

LITCHFIELD—Tinklepaugh, H.

LOCKPORT—Adams & Scheidt
O'Connell, Wm.

LOMBARD—Assman, Henry
Lamb, Frank

MACOMB—†Bean, J. A. & Co.
Harris, R. E. & Son

MADISON—Harlan, J. M.

MARION—Schneider Bros.

MARSEILLES—Wilson, M. & Son

MASON CITY—McDowell, C. E.
Robertson, John L.

MATTOON—†Capen, G. R.
Clark, H. W.
Tate, W. S.

MAYWOOD—Mardorf, W. A.

MELROSE PARK—Yung, Michael

MENDOTA—Coleman, Frank J.
Hoffman & Wittgan
†Madden, S. J.

METROPOLIS CITY—Craig, J. H. & Co.
Stephens, E. E.

MINONK—†Pickard, Tom & Co.

MOLINE—Berglund, C. A.
†**HARTWELL, DANIEL, 1104 3d av**
Moline Heating & Construction Co.

MONMOUTH—†Hays & Eastman
Herdeman & Cox
McCullough Hdw. & Implement Co.

MONTICELLO—†Coe & McMillen
†**HARRIS, H. P.**

MORGAN PARK—McCullagh, Geo. W.

MORRIS—Bunnell, J. N.
†Morris Plumbing & Heating Co.
†Schober, Wm.

MORRISON—†Sauer, H.

MORRISONVILLE—†**WYCKOFF, C. A.**

MORTON—Reuling, Fred.

MT. CARROLL—Campbell, S. J.
†Jessen, Otto
Snyder, Chas.
†Squires, Thomas

MT. PULASKI—Schafer, Charles F.

MURPHYSBORO—†**JENKINS, H. H.**

NAPERVILLE—Pfister, John
Reiche Bros.

OAK PARK—Andree, Max W.
Bruce, F. A.
Bunge, W. A.
Foster & Glidden
†Goelitz, Henry G.
McGrogan, Edw. J.
Nelson & Wagner
Scheel, O. C.
Williams, Wm.

OLNEY—Jolly, J. B. & J. F.

OREGON—†Gilbert, F. M. & Son
†Sheets, B. F. Co.

OTTAWA—†Clegg, J. W.
Dougherty, Jno. M.
†Hayne, Edw.
Smeeton, Hy.
PALESTINE—Richey, John & Son
PANA—Herrington, J. B. A.
Lohr & Paul
PARIS—Cantlon, Wm.
Porter, Troy
Thomas, Paris
PAXTON—Corbett Bros.
†Cruzen, R. Co.
Kemp Bros. & Hopkins
PECATONICA—Peterson, Fred B.
PEKIN—Heilman, George A. & Co.
†Lucas, C. H.
†RUHAAK & LACKMAN CO.
PEORIA—Boyd & Ryan, 324 S Wash'n
BRASS FOUNDRY & HEATING CO., 105 Franklin
†Hitchcock Bros., 428 Fulton
Kavanaugh, M. J., 204 N Jefferson av
†Klingel & Sons, 219 S Madison av
McGlinn, James, 126 Main
†McLoughlin, Frank Plumbing Co., 418 Main
McQuellon & Schori, 110 S Madison av
†Murphy, Chas. R.
†Nailor Bros. Co., 310 Liberty
†O'Connor Bros., 205 S Jefferson av
†O'Neill, Charles W., 422 Fulton
†O'NEILL, J. & SONS, 218 Main
†Peoria Heating & Plumbing Co.
Peoria Plumbing Co., 505 Main
Sandmeyer, H. & Co., 215 S Adams
PERU—†**BRUNNER, CHARLES**
Schmoger & Hoppler
†Soedler, George
PETERSBURG—†Clary, W. P.
†Smith, J. G.
†Wilms, W. L.
PINCKNEYVILLE—Gruner, P. & Sons
PITTSFIELD—†Clayton, W. H.
PLANO—†Roe, Henry M.
†Sears, A. H. & Co.
†Stahlle, Henry
POLO—Waterbury, A. D.
PONTIAC—Bagnall, P. D.
†Miller, G. H.
†Morrison, Frank
PRINCETON—†Downer, H. J.
†Glynn, Jno. & Co.
Greenwood & Skoglund
QUINCY—†**BEST, E., PLUMBING & STEAM HEATING CO.**
†Gardner Plumbing & Heating Co., 419 Hampshire
Sullivan Bros.
RIVERSIDE—Castle, Jas. W.
Taylor, W. J.
Thomas, Louis
ROCHELLE—Spath & Beebe
ROCKFORD—Burke, William
Butterworth, William C.
Craddock & Tole
Derham, Wm. H.
†Gregory, A. S.
Gregory, E. S.
†Griffin, James C.
Houston, F. K.
†Kennedy, J. M.
Kinnear, M. M.
Lundberg, H. L.
†Manard, J. W.
Royer, J. Z.
ROCK ISLAND—†**ALLEN, MYERS & CO.,**
†Blake & Murphy
†Channon, Perry Co.
†Lamp, Edw. E.
†Stengel, Henry
Ward & McMahon
RUSHVILLE—Hartman, George
SAVANNA—Herrington, S. A.
Withhart & Nesbit
SHELBYVILLE—Worley, C. F. & Son
SOUTH EVANSTON—(See Evanston)
SPRINGFIELD—Forsythe & Schrimpf
†Haas, R. Electric & Mfg. Co.
†Hanratty, Owen
†Hellwig & Hopkins
†Illinois Plumbing & Heating Co.
Kibele Bros.
†Knox, M. E.
†McVeigh, H. B.
Riefler & Perkins
†Rippey, J. M.
Roosa & Co.
STAUNTON—Buchterkirchen, H. C.
STERLING—†Loos, J. G.
Loos & Dieterle
STREATOR—Gebhart, William
Jones, J. H. & Son
†Mulford, Wood & Co.
Norris, John
Shaw, Robert T.
SYCAMORE—†Forward, W. M. Co.
†Ohlmacher & Root
Whittemore & Brower
TAYLORVILLE—†Powell, H. M. & Son
TREMONT—†Winzeler, S. S.
TUSCOLA—Cox, C. E.
URBANA—Green, Jesse D.
Post, Hy. G.
VANDALIA—Ritter, J. W.
VIRGINIA—†Lang, F. C.
WASHINGTON HEIGHTS—(See Chicago)
WATSEKA—Pickens, J. L.
WAUKEGAN—†McDonough, Lee
†Patterson, H. C.
Salmon, James A.
Storrar, Alex
WEST CHICAGO—Boynton & Ketcham
WHEATON—Kelley, A. D.
WILMETTE—Clow, David E.
Engstead, N. M.
Specht, August
WINNETKA—Bisset, George

INDIAN TERRITORY.

ARDMORE—Coleman, W .W.

INDIANA.

ALBANY—McCormick & Sons
ALBION—Berger, J. D.
ALEXANDRIA—Brattain Bros.
Leeson, Wm. B. & Son
ANDERSON—Daniels, W. H.
McCall, C. F.
†May Supply Co., 40 N Main
Neab, C.
Osborn, V. H.
Powell & Dorste, 26 N Main
Worden, D. S.
ANGOLA—Maxfield, Samuel B.
ATTICA—Green, L. M.
Heineman Bros.
AUBURN—De Kalb Hardware Co.
De Kalb Hardware Co.
AURORA—Dewers, C. H.
BERNE—**MOSER & WULLIMAN**
BLOOMINGTON—Brisseden, W. A.
Strong, J. B.
BLUFFTON—Kerfoot, Thomas
Kerfoot, William
Tribolet, A. J.
BOONEVILLE—**KINDERMAN, WILLIAM**
BRAZIL—Hawkins, Oscar C.
BREMEN—Van Skyhawk, Jno.
BUTLER—Murphy, E. C.
CAMBRIDGE CITY—Kiser, William H.
Oliver, T. L.
CARLISLE—Risinger & Ellis
CLINTON—Swinehart Hardware Co.
COLUMBIA CITY—Briggs, S. O.
Hilbert, Alfred
COLUMBUS — †**COLUMBUS MACHINE WORKS**
†**KELLER, C. M. & CO.**
†Schwartzkopf, J. G. & Son
CONNERSVILLE—†**HUXTABLE, G. L.**
CONVERSE—Renaker, J. H. & Son
CORYDON—Bullitt, J. J. Son
CRAWFORDSVILLE—†Williams Bros.
CROWNPOINT—Fancher, W. S.
Felton, C.
DECATUR—Rose, A. E.
Wisehaupt, John D.
DELPHI—Cowdin, Wm.
Hatfield, Curtis V.
EAST CHICAGO—Day, Geo. E.
Pickard, Edw.
ELKHART—†**BORNEMAN & SONS**
†Heffner, Jno. M.
Maloney, C. H. & Co.
ELWOOD—†Elwood Plumbing & Heating Co.
†Elwood Plumbing & Heating Co.
Haskett, John
Hodson-Dawson Co.
Stokes, Jas. & Co.
Wagner, J. H.
EVANSVILLE—Crawford Bros., 314 Up. 1st
Dreier, Fred & Co., 1300 Main
Krausen, Chas. P., 911 W Franklin
Mursinna, Paul, 411 Sycamore
Newman, Benj. Jr., 417 U. 3d
Newman, H. G. Plumbing Co., 320 U. 2d
Sanitary Plumbing Co., 413 U 2d
†Schmitt, August & Sons, 605 Main
†Wahnsiedler, Chas., 213 U. 2d
Wahnsiedler, Jno., 328 U. 3d
FORT WAYNS—Abdon, Geo. & Co.
Fox, C. G., 80 Taylor
Franke, H. F., 68 Barr
Grosvenor, Wm. & Co.
†Hattersley, A. & Sons, 48 E Main
Hines, J. S., 393 W Main
Jahn & Meyer, 123 E Lewis
Kronmiller, E. F.
Lordier, M. J.
McDonald, O. C.
McPhail Bros., 141 W Berry
Martin, Emmett, 104 Buchanan.
Noll, M. F., 129 E Jefferson
Rolf, Albert & Bro., 122 B'way
†Spice, Robert, 48 W Main
Tomkinson, A. L., 193 Calhoun
Vasen, Philip F., 134 B'way
Yobst, Hy. & Co., 36 Fairmount pl
†Zimmerly, F. J. & Co., 141 Calhoun
FRANKFORT—†Condon, C. H.
†Elder, Martin E.
Emshoff, W. L.
Smith, C. W.
FRANKLIN—Duncan & Vawter
†Franklin Water, Light & Power Co.
Woollen, W. E.
GARRETT—Landis, J. O.
GOSHEN—†Hawks Hardware Co., 114 E Lincoln av
Kutz, C. E.
†Liebole, Frank W., 116 E Wash'n
GREENCASTLE—Miller, W. H. & Co.
Reeves, O. L.
GREENFIELD—†**BANKS, A. J. & SON**
Gorman, Grant
Miller, Jos. M.
Snodgrass, S. G.
GREENSBURG—Butler, Eb
Corbett & Rohe
Mendenhall & Spillman
Watson, W. A.
HAMMOND—†Brunt, W. F.
Campbell, A. J.
Kliehege, Wm., Jr., c Homan & Dalton
O'Shea & O'Shea
†Reilly, Patk.
HARTFORD CITY—Davis & Cox
HUNTINGBURG—Buchanan, Samuel & Co.
HUNTINGTON—†Bartlett & Frazier
†Buchanan, S. & Co.
†Smith Bros.
INDIANAPOLIS—Aneshaensel, C. & Co., 33 E Ohio
Arnold, Jacob, 319 Indiana av
Barker, T. J., 204 N Delaware
Bassett & Co., 935 Mass. av
Beaver & Marr, 318 E 16th
Brennan, John V., 144 N Meridian
Buchner, A. J., 1909 Prospect
Cameron, J. D., 939 Fort Wayne av
Cartohers, Wm. M., 142 W 16th
Caswell & Co., 30 Ky. av
Clarke & Sons, 215 E Ohio
Clifford & Betz, 829 Fort Wayne av
Connell, Thos., 209 E 19th
Cook, E. M., 104 E Delaware
Dailey, L. E. & Co., 2947 N Illinois
Darling, Arthur H., 9 W Market
DeWald & Wahl, 23 Kentucky av
Diggle, J. A., 341 Mass. av
Dunn, John C., 115 N Illinois
Economy Heating & Plumbing Co., 2716 E Wash'n
Fagan, John M., 146 Virginia av
Fairfield, A. R., 2947 N Illinois
†Farrell, J. S. & Co., 144 N Illinois
Foley Bros. & Co., 111 E Ohio
Formes, Otto F., 414 E Wash'n
Freaney Bros., 132 E Ohio
Gates, Wesley, 16 N Bolton av
Gates & Fox, 419 E 16th
Gehle, Fred'k, 25 E. North
Geis, Geo. A. Co., 806 S Meridian
Goth, H. A., 913 N New Jersey
Greilich, A. E., 637 Mass. av
Gundelfinger, Benno, 1823 Central av
Gunn & Ross, 1929 College av
Haines, C. B. & Co., 207 Indiana av
Hamilton & Looney, 411 E McCarty
Haslinger, Jos. F., 406 Mass. av
Hayes Bros., 437 Indiana av
Healy & O'Brien, 107 W Maryland
Hermann, W. F., 710 E 27th
Holmes & Co., 154 E Market
Holtman, Chas., 638 E New York
Hudson, Hy T., 1934 College av
Irwin, John D., 602 E Walnut
Janitz, Fred'k G., 603 Virginia av
Johnson, C. A., 156 E Market
Keller, Frank, 1602 N Albama
Kester, H. F., 610 Virginia av
Keyser, Geo. W., 946 Fort Wayne av
Kirkhoff Bros. & Co., 128 W Market
Kregelo, Jas. A., 2204 E 10th
Lucas, L. D., 628 Indiana av

McGauley, Jas. & Son, 2104 N Senate av
Marshall & Keller, 1602 N Alabama
Miller, Jno., 725 Mass. av
Miller & Robinson, 921 B'way
Mock & Cook, 233 Virginia av
Payne, John T., 105 E 22d
Peck, Calvin L., 143 N Delaware
Prinzler, Louis V., 303 E Ohio
Ramsay & Donovan, 214 E 16th
Reising, L., 219 Bright
Rich, John W., 1526 N Illinois
Riekes, Geo. H., 1403 Pleasant
Schmidt, H. J., 938 Sheffield av
Schott, Chas. E., 120 W Maryland
Smith, Jas. B., Ingalls blk
Sourbeer, Jno. R., 236 W Morris
†Strong, E. A., 438 S Meridian
Thaeter, Jno. A., 110 W St. Clair
Toon, Chas., 3003 N Illinois
Volz, N. B., 703 E 19th
West, F. L., 363 Mass. av
Wilcox & Judd, 452 Mass. av
Wilson, S. F., 935 Virginia av
Winter, Chas. R., 940 Ft Wayne av
Woolen & Callon, 17 S Alabama
Wurgler, G. A., Jr., 828 S Meridian

JEFFERSONVILLE—Johnson, B. A., 131 E Chestnut
Timmonds & Stancell, 201 Spring

KENDALLVILLE—Loomis, Edgar S.

KNIGHTSTOWN—**†BELL & SON**
Kennard, Chas.
Kennard, F. M.

KOKOMO—†Bennett, A. C.
Burger, V. A.
Hamilton, W. E.
Lindley, J. O.

LAFAYETTE—**LANE-PYKE CO.**
†Overesch & Werkhoff, 842 Main
Sehmitz, A. R., 13th & Salem
Vaughan & Gallagher
†Wallace Bros. Co., 300 N 4th
Wheeler, H. M. & Son, South, n Vine, W. L.

LA GRANGE—Ruick, A. L.

LA PORTE—†Dolan, P. J.
†Kanney, Edward
†Stahl, A. J.
†Tyrell, G. R.
Waters, A. F.

LAWRENCEBURG—Barrot, E. & Son

LEBANON—Bratton, J. B.

LIGONIER—Kunkalman, John

LOGANSPORT—†Asire, Geo. H.
Hildebrandt, Jno. J. Co.
Holland, John W.
†Linton & Graf, 325 Pearl
†Messenger, J. B. & Son, 521 B'way
†Rodefer, J. H.
Whitehead, Wm., 504 1-2 B'way

MADISON—**ADAMS, JOHN**
Anger, A., Mrs.
†Hoffman & Quinn
Johnson Foundry & Machine Shops
†Madison Machine Co.

MARION—†Beshore, Chas.
†Gillespie Plumbing & Heating Co.
†Hegarty, M. F.
McDonnell & Murphy
Smith & Bunka
†Swanger & McClain
Whisler Hardware Co.

MARTINSVILLE—Bennett, G. W.
JOHNSON, CHAS.
†Martinsville Plbg. & Htg. Co.

MICHIGAN CITY—†Bartholomew & Co.
†Napier & Adamson
†Staiger Hardware Co.

MISHAWAKA—Distler, John C.
Lang, O. E. & Co.
Stoeckinger, G. Frank
†SWANGER, JOHN Q., JR.

MONTICELLO—Ehlert, H. C.

MT. VERNON—**†SCHENCK, E. B. HDW. Co.**
Strack Hardware Co.
Templeton, A.

MUNCIE—†Clevenger, Earl
Dragoo, Jas. P.
Gallivan, J. A.
Highlands, H. H.
Hoyt, R. I.
Jones, J. B.
Keiser, Geo. & Co.
Knight & Jillson Co.
Lore & White
Miller, John H.
†Stauf, F. W.
Stauf, Philip
Tomlinson, O. M.

NEW ALBANY—Devol, Geo. H.
Lindemann, A.
†Miller, A. & Bro.
Plumer & Co., 145 E Main

NEW CASTLE—†New Castle Mach. Works
New Castle Plbg. & Supply Co.
Shopp, W. A. & Co.

NOBLESVILLE—**CLARK SUPPLY HOUSE**
Johnson, Jos. H.

NORTH MANCHESTER—**†FRAME, D. & Son**
†Stewart & Noftzger

NORTH VERNON—**HICKS, HARRY**

PERU—Brennan, Jno. W.
Moseley, Orlando
Picard, L. F.
Reilly, Edw. E.
Reilly, Michael
Soames, Chas.

PLYMOUTH—†Astley & Hess
†Eich, C. J.
Yarrick, C. O.

PORTLAND—Bullinger, J. G.

PRINCETON—†Princeton Plbg. & Htg. Co.

RICHMOND—†Bass, W. C.
Hieger, H. C.
Johanning, Chas. H.
†Johnson, Peter Co.
†Meerhoff, H. H.
Morgan, Omar B.
†Waking, Wm.
†Zoller & Craighead

ROCHESTER—Ritchey, P. A.
Zook, Edw.

ROCKVILLE—Humphries, L. B.

RUSHVILLE—Beale, J. S.
Frazee, Wm.
Ganter, J. E.
Lakin & Powell
†Moffett, W. H. & Co.
Worth, Chas. Co.

SALEM—Langwell & Jackson

SEYMOUR—Bevins, W. C.
†Seymour Plbg. & Htg. Co.

SHELBYVILLE—Castle, A. C.
Convery, T. B.
†Flack, E. S.
Griffey, A. G. & Co.

SOUTH BEND—Aslin, Jas.
Braunsdorf & Weaver
Downes, Wm.
Draper, Wm. P.
Meyer, Arthur V.
Miller, Rex. T.
Wahlen, John
Westbury & Smith
Williams, Thos.

SUMMITVILLE—**†CARTWRIGHT, T. E.**

TERRE HAUTE—Arleth, Fred.
Burget, Andw., 505 Ohio
†Frietag, Weinhardt & Co., 646 Wabash av
Gallagher, A. J., 109 S 6th
Moore, Jas. T., 683 Wabash av
†Prox & Brinkman Mfg. Co., 235 N 9th
†Prox & Burget Co.
Toelle, Otto E.
†Watson, D. W. Sons Co., 634 Wabash av

TIPTON—Compton & Son

UNION CITY—Lemich, Jno. C.
Weise Hardware Co.

VALPARAISO—Beach, M. J.
Valparaiso Plumbing Co.
Wilson, Jas. W.

VEEDERSBURG—Wade, E. E.

VINCENNES—Newman, Allen
Reel, A. S.
Sowden, Jos. H.
Thomas, M. K.

WABASH—Hipskind & Hipskind
†Honeywell, Mark C.

WARSAW—†Eichar, Jno. A.
†Kutz, J. D.
†Warsaw Plbg. & Htg. Co.

WASHINGTON—†Carnahan, M. J. Co.
Walter, E. C.

WHITING—Laverty, Frank J.
Schneidewendt, Wm., Jr.

IOWA.

ACKLEY—Martin & Johnson Co.
Wieneka, Chas. L. H.

ALBIA—**BARGER, C. S.**
Clark, J. F. & G. F.
Hunter & Landis

ALGONA—**†ROBINSON, JNO. W.**

AMES—Horton & Steigerwalt

ANAMOSA—†Griffith, J. C.
Nichols, J. H. & Co.
†Trester, D. C.

ATLANTIC—†Salisbury, C. A.

BELLE PLAINE—Palmer Bros.

BLOOMFIELD—Hatton, L. T.

BOONE—Anderson & Nelson
†Crary Bros.
McIntire, W. H.
†Sherman, C. B. Co.
†Wheeloek, W. M.

BURLINGTON—†Bosch, C. G., 313 N Main
Ewinger, Jno. H.
†Ewinger, Henry Plumbing & Heating Co., 217 Wash'n
Fawcett, Peter
McElhinney, A. S.
†Stewart & Hayden Co., 310 N Main

CARROLL—Seyller & Shoemaker

CEDA RFALLS—†Boehmler Bros.
†Cedar Falls Hdw. Co.
†Radell, J. C.
†Sherer, G. E.
†Wartman Bros.

CEDAR RAPIDS—Cedar Rapids Plbg. Co.
Fenton, J. H. & Co.
†Kubias, F. & Co.
McDonnell Bros.
Meister, Robt.
†Messner & Co.
†Miller, H. F. & Son
Nyere Bros.
Taylor, W. H.

CENTREVILLE—†Peatman, R. I.
†Van Lent, W. H.

CHARITON—Larimer, H. H.
WALTON & CO.

CHARLES CITY—**ANGEL, E. I.**
Snyder Bros.
Strong, Collins & Braend

CHEROKEE—Briston, T. H. & Co.
†Millard, W. H.
Swanson & Betsworth

CLARINDA—Dunlap & Co.
†Keener Mfg. Co.

CLARKSVILLE—†Hesse, Frank

CLINTON—**†ARMSTRONG, C. E. & CO.**
†Kendall, Geo. & Co., 409 S 2d CO.
Kresin, Wm. H.
McCarty, J. L., 902 4th
Woodbury, E. N. & Co., 415 2d
Wulf, Peter C.

CORNING—†Okey, A. F.

COUNCIL BLUFFS—†Bixby, J. C. & Son
†Gilbert, Wm.
Jeffries & Millard
New York Plbg. Co.
Olson Bros.
†Stephan Bros.

CRESCO—Brooks, B. B.
†LOMAS, J. T. & SON

CRESTON—Creston Gas & Electric Co.

DAVENPORT—†Clayton, Robt. & Son, 511 Brady
†Davenport Heating & Plbg. Co.
Diederichsen, Lorenzo H., 528 Brady
†Iowa Plumbing & Heating Co., 411 W 2d
Reed, Clark E.
Reimer, Peter A.
Sonntag, Henry, 324 Harrison

DECORAH—†Chandler, A. A. & Son
†McMasters Co.

DES MOINES—†Capitol City Plumbing Co., 814 Grand av
Capitol Plumbing Co., 814 Grand av
Cutler, Edwin, 612 Grand av
†Des Moines Plumbing & Heating Co., 716 Locust
†Globe Plumbing & Heating Co., 518 E Walnut
†Kurtz, L. H., 308 Walnut
Nelson, Christian, 410 7th
†Standard Heating Co., 414 7th
Thomas Plumbing Co., 612 E Grand av
†Van Dyck, E. & Co., 820 Walnut
†Walker, A. H. & Co., 807 Locust
†Wallace & Linnane

DUBUQUE—†Cleaver, Edw. T.
†Jungk, Robt., 1633 Clay
Linehan & Molo, 472 Main
McCarten, H. B.
†McDermott & Gow, 259 8th
Mullen Bros.
†Mullen & Papin, 1036 Main
†Nesler, Wm. J., 11th & Main
Pape & Jacquenot, 1217 Clay

EAGLE GROVE—Armbruster, M.

ELDORA—†Brown Bros. Foundry & Machine Co.
†Stauffer, Chas. F.

ELKADER—Brown & Bahr
Kleimpell, W. F.

EMMETSBURGH—Gusland & Anderson

ESTHERVILLE—Bemis Bros.

FAIRFIELD—Brady, P. J.
Griffith & Pierson
Young, W. H. & Son

FARMINGTON—†Kelley & Neal

FORT DODGE—Alline, J. K.
Braconier, B. J.
Fort Dodge Plumbing & Heating Co.
Philips, L. K.

FORT MADISON—†Prichett, Frank
†Vollers, E.
Woolever & Etka

GLADBROOK—Brauch, Geo.
GLENWOOD—Lyon, H. R.
GRINNELL—†Marvin Bros.
†Miles, G. L.
GRISWOLD—Allison, W. H.
Mitchell, Ezra J.
Wilcox, M. C.
HAMPTON—Graham, J. A. & Son
Westcott, E. M.
HARLAN—Fay, R. G.
Wheeler, Wm. W. & Son
HARTLEY—Messer, E. B. & Son
HENDERSON—Boggers Bros.
IDA GROVE—†Sauer, Martin
†Van Dohren, John (Estate of)
INDEPENDENCE—†**ALLEN, E. S. S. &** Bro.
†Plane, I. C.
INDIANOLA—Brancht & Hill
IOWA CITY—†Greazel, Peter
Hurley, C.
Kurz, Geo. E.
Osborne, Jno. O.
JEFFERSON—†Bofink, Chas.
KEOKUK—†Hanson, A.
Hesbacher, M.
Seither & Cherry Co.
†Spring & Prasse
†Sutton, W. P.
†Vollers, Frank
KEOSAUQUA—†Casner & Pettitt
KNOXVILLE—†Bittenbender, N. H.
†Dickerson & Savage
West & Dennery
Yetter, John M.
LE MARS—†Symms-Powers Co.
LIVERMORE—†Leighton, J. W.
LYONS—†Gode, W. H.
Hosty & Gallagher
MANCHESTER—†Carhart & Nye
MAQUOKETA—Becker, Geo. A.
Jones, J. Frank
MARENGO—Haggerty, J. B.
†Scott, Wm. R.
MARION—†Marion Heating Co.
MARSHALLTOWN—†Coulton, D. (Est. of)
†Mack, E. & Perry L.
MASON CITY—Boyd & Boyd
†Daggett, B. B.
†Daly, W. J. Co.
†Holman, W. O.
MISSOURI VALLEY—Ford, C. W.
MORNING SUN—†Selzer Hardware Co.
MT. PLEASANT—†Thomas, Geo.
MUSCATINE—†George Heating Co.
†Tracy, Jas. A.
NEW HAMPTON—†Ure, E. J.
NEWTON—**BALDWIN & MORTON**
Seeberger, Chas.
ODEBOLT—†Mattes, Joseph
OELWEIN—Schlumbohn, Geo. H.
Ridler, Bennett & Auten
OSAGE—†**KINGSBURY, J. B. & CO.**
†Tupper & Odden
OSCEOLA—Dare & Sanford
OSKALOOSA—†Ideal Heating Co.
†Oskaloosa Heating & Plumbing Co.
Phillipe, E. W.
Quinn, Jno. J.
†Seevers Mfg. Co.
Stewart, S. J.
Wells, Watts & Stump
OTTUMWA—†Caton, E. J.
†Mather, Ed. H. & Bro., 105 N Market
†Ottumwa Fitting Co., 114 Green
Thompson, M. A. & Co.
†Wise & Kearns
PARKERSBURG—†Foote, S. A. & Son
PERRY—Ashmore, Jabez
Gilbert, T. J.
†Miller Bros.
RED OAK—†Kerrihard Co.
ROCK RAPIDS—Manwaring Bros.
ROCKWELL CITY—Blackman, F. E.
SAC CITY—†Aherns & Rogers
†**BAUER, W. P. & CO.**
Fox, Jno. M.
Martin, Geo. A. & Son
SHELDON—Leverich, J. J.
†Messer, E. P. & Son
SHENANDOAH—Bronwer, J. H.
Frink & Hamilton
†Ross, Thomas & Son
SIGOURNEY—Blaise, Robt.
SIOUX CITY—†Gearen, J. F., 402 5th
Hills, E. O.
Hogan, H. F., 4th & Peirce
La Velle & Hogan, 422 5th
Orr, M. J. Plumbing Co.
Reed, J. H.
Sioux City Heating Co.
Valiquette, A. J., 402 Nebr.
SPENCER—†Bisbee, J. L.
Staples, F. M.
STORM LAKE—Dlugosch & Reinhart
†Nattress, Eggy & Son
TAMA—†Johnson, U. S. & Co.
TOLEDO—†**CONANT, A. H.**
TRAER—†Thomas, B. F. & Sons
VILLISCA—†**BANES, J. S.**
Boise, S. C.
VINTON—Allen & Gilchrist
Robinson, S.
Vinton Plbg. Co.
WASHINGTON—†Bragg & Bokenkamp
Stewart Geo. Hardware Co.
Wilson Hardware Co.
WATERLOO—Duke, A. B.
Duke, H. A.
Eccleston, Henry
Ellis & Foster, 610 Commercial
Frush, Geo. H., Jr.
Jennish & Whitney
Kramer & Bachtell
†Zook & Bentz, 519 Lafayette
WAUKON—Wold, Hans
WAVERLY—†**CURTIS, S. H. & CO.**
WEBSTER CITY—Clement & Miller
Mueller, A. F.
WEST LIBERTY—Doty, J. Frank
WEST UNION—†Hoyt & Lawyer
WILTON JUNCTION—Teeple, C. P.

KANSAS.

ANTHONY—Costa, Jas. J.
Drury, J. E.
ARGENTINE—Swope, C. A. Hdw. Co.
ARKANSAS CITY—Rowan, Wm. Supply Co.
ATCHISON—†Farwell Htg. Co.
Holbrook & Martin
†Lyon, P. J.
Searles Bros.
CHANUTE—Ebert, I. G.
Mallory, Wm.
Price, E.
Street, C. W. F.
CHETOPA—**SMITH, H. W. & SON**
CLAY CENTER—Oberland, A.
†**WIXON, A. A.**
COFFEYVILLE—Coffeyville Plumbing Co.
Jones Plbg. Co.
CONCORDIA—†**BELISLE, E. A.**
†Robinson & McCoary
†Sweet Hdw. Co.
COUNCIL GROVE—†Gibson & Davidson
DODGE CITY—†Potter, Geo. S.
EL DORADO—Lewis, G. K.
ELLSWORTH—†Flick, Wm.
EMPORIA—†Bowers, F. H.
EUREKA—†Morton, John W.
Stuelpner, Max
FORT SCOTT—†Ingham, Henry, 216 E Wall
†Marshall, J. J., Market st
GARDEN CITY—†Carter, Warner & Co.
GARNETT—Shrake, L. M.
GIRARD—†**HERTNER, H. E.**
Hitch, W. S.
GLASCO—Davidson, L. F. & Co.
GODDARD—Linnebur, H. C.
GREAT BEND—†Great Bend Imp. Co.
†Moses, E. R. Merc. Co.
GREENLEAF—†Thinness Bros.
HARPER—†Melvin, George
HAYS—†Brown, George H.
†Cole, E. R.
HIAWATHA—Fairchild, H. A.
HOLTON—Bennett, Thos. J.
HUTCHINSON—Hern & Stewart
Nelson Bros.
Redderson, W. G. & Co.
Sawyer, F. W. Plbg. & Htg. Co.
Wilson & Long
INDEPENDENCE—Flack plbg. Co.
†Whitman & Wood Supply Co.
IOLA—Kansas City Plumbing & Supply Co.
Logan, C. M.
Patterson, Ira E.
†Root, W. H.
JETMORE—Hodgman County Hdw. & Furniture Co.
JUNCTION CITY—**STEWART, JAS. &** Son
KANSAS CITY—Bowlby, C. A., 837 Osage
Brown, C. M., 2214 N 4th
Draper, E. D., 610 Minn. av
Engler, B. F., 417 Minn. av
Garnier, Albert, Jr., 912 N 5th
Gilhaus, G. E., 502 Kas. av
Hargreaves, G. C., 1010 N 6th
Holland, W. T., 1009 N 5th
McSorley, T. F. Co., 33 S James
Meyers, Albert J., 735 Minn. av
Miller, J. W., 719 N 7th
Muir, F. O., 831 Osage
Nelson, T. L., 1820 N 5th
Radcliffe, G. F., 611 N 6th
Schulteiss, G. A. & Son, 435 Minn. av
Townsend & Neilson, 1009 N 6th
KINGMAN—Caper & Hoover
LA HARPE—Miller, L. E.
LARNED—†**FRIZEL HDW. CO.**
LAWRENCE—Benson, J. A.
Benson Bros.
GRAEBER BROS.
Savage, Geo. W.
LEAVENWORTH—Coldren & Anderson
†Foley, James, 220 Delaware
LITTLE RIVER—†**KAUFMAN, J. D.**
M'PHERSON—†**FALK & CO.**
Gustafson, Carlson & Co.
Rask, P. W.
MEDICINE LODGE—†Chase Hdw. Co.
MILFORD—Weaver, A. J.
MINNEAPOLIS—Lemon, E. J.
NEWTON—†**FOLLETT, G. R. & CO.**
†Hollinger, Geo. E.
OBERLIN—†Morrish, S. J.
OSWEGO—Oswego Water Co.
OTTAWA—†Elder, A. P.
†Oelkers, C. B.
Pettit, J. C.
Seevers & Smith
PAOLA—Leggett Bros.
PARSONS—†Coldwell, Amos
Doughman & Rust
McCaffrey & Williams
Steele Hdw. Co.
Thayer, E.
†Workman, Chas. C.
PEABODY—†Davison & Co.
PHILLIPSBURG—†Smith, Theo. & Son
PITTSBURG—†Beasley & Miller
†Hartzell & Shout
Pittsburg Hdw. Co.
Sherman, J. S.
PLEASANTON—†**CROCKER, D. A.**
†Wagner, Fred.
ST. MARY'S—**ANDERSON HARDWARE** & FURNITURE CO
SALINA—†Addison & Halsey
Kastner, Chas. & Co.
Salina Plumbing Co.
SOLDIER—Soldier Heating & Plumbing Co.
TOPEKA—Allen, Jas.
Conklin & Gustafson
Durkin, Jas.
Edson, F. P.
Miller, G. F.
†Mood Heating & Plumbing Co., 117 W. 6th
Sheahan, J. & Son
†States, Christian
†Sutherlin, G. W. & Co.
Wells, Wm.
WELLINGTON—†**CROUSE, G. H.**
†De Yoe, E. R.
WICHITA—Baker & Isbell
Bosworth-Hahn Co.
†Dermody Plumbing & Heating Co.
Moore, R. R.
Rodolph, R. O.

KENTUCKY.

ASHLAND—**HENDERSON, THOMAS &** Son
†Nicholson, Wm. & Sons
O'Mara, M. J.
Union Plbg. Co.
BELLEVUE—Keefer, Geo. W., 603 Fairfield
BOWLING GREEN—Fleming, Mrs. M.
†Heminger, L. C.
CARROLLTON—**BURKLE, W. P.**
CATTLETTSBURGH—Moran, J. T.
†Wellman, H. P. Mfg. Co.
CENTRAL CITY—†Central City Water Co.
COVINGTON—**BALME, GEO., 16th &** Madison av
Coyne, Jos., 11 W 6th
Howk, J. M., 503 Madison av
Kelly, E. C., 422 Main
Lavanier, Frank J., 63 W 10th
Maclean, Angus, 212 Pike
Morrison, Thos., 408 Madison av
†Nock, W. S. & Co., 821 Madison av
Norris, J. H., 20 E 5th
Schaefer, Wm. T., S W c Worth & Leonard
Sheridan, Thos., 1115 Madison av
Underhill, John T., 412 Scott
Welling, Robt., 166 Pike
DANVILLE—Clark, T. F.
DAYTON—Irwin & Hogan
Kreidler, Edw. W.
ELIZABETHTOWN—Wintersmith's, R. L. Son
FRANKFORT—**BRISLAN, J. J.**
Whitehead, Charles
FRANKLIN—Harris & Crowdus
FULTON—Leach, W. E.
Osborne, G. F.
GEORGETOWN—Browning, W. E.

GLASGOW—Bowen & Boyd
HENDERSON—Henderson Plumbing Co.
†Huhlein, J. O.
†Jenkins, T. M. & Son
†Spidel, Jno. J.
HICKMAN—Adams, J. Q.
HOPKINSVILLE—Forbes Mfg. Co.
Hille, G. A.
Young, G. W.
LATONIA—Aker, Wm. C.
LEBANON—†Rubel, John & Son
LEXINGTON—†Ahearn, Thos., 51 E Short
†Lexington Plumbing Co., 19 E Short
†McElhone & Moloney, 19 Cheapside
†O'Day, Thos.
LOUISVILLE—Abbott, W. R., 615 W Oak
Barnes, J. P., 1220 Christy av
Baron, Jos., 1012 E B'way
Biedinger, H. & Co., 637 E Main
Bill, H. W., 2127 Preston
Bonofsky, H. V., 28th N of Dumesnil
Bosemer, J. J., 1014 3rd
Brady, W. J., 1706 7th
Burke & Scott, 1079 3d
Burnett, W. J. & Co., 315 W Ormsby av
Burwinkle, J. H., 2235 Brook
Cowan, Jos., 336 E Jeff.
Curley, J. P., 130 1st
Degen, H. C., 1124 26th
Delph, C., 720 W Market
Dempsey, C. W., 2611 Montg'y
Denzinger, Michael, 1410 W Jefferson
Dott, Albert, 247 E Market
Drexler, Simon, 417 W Breck'dge
Duffy, M. J., 527 W Market
Ellis Bros., 333 1-2 E Ormsby av
Eveslage, Geo., 1606 W Market
Fitzpatrick, C. E., 1202 Delaware
Flock, J. H., 1710 Baxter av
Frank, J. H., 1237 Melwood av
Garvey, T. J., 207 E Jefferson
Graft Bros., 304 W Market
Hart, T. B., 714 6th
Henry, Jas., 411 3d
Huxley, Thomas, 614 3d
Irwin, S. H. S., 430 26th
Isaac, Jacob, 1101 1st
Johnston, T. L., 124 E Breckenridge
Kinman, J. C., 2612 W Ky.
Knoechelman, J. E., 509 W B'way
Koellner, L., 540 1st
Kosiol, Louis, 514 2d
Kratz & Schouse, 701 Preston
Kuhn, Chas., 1537 2d
Lasch, C. F. W., 1045 3rd
Leanhart, J. F. & Co., 712 W Jeff.
Louisville Plumbing Co., 420 5th
McDougal, F. D., 630 13th
McGill, Chas. & Son, 111 W Market
McNerney, Michael, 1835 High av
Matlack, W. H., 552 4th
†Melcher, A. M., 731 W Market
Meyer, F. W., 712 E Market
Meyer, P. H., 1004 Preston
Meyer & Vetter, 1506 Baxter av
Miller, D., 1917 W Walnut
Miller & Sauer, 752 E Jefferson
Moellmann, B., 566 E Green
Murphy, Jno. H., 1115 19th
Mussman, Geo., 321 E Jeff.
Neff, C. W., 2206 W Market
†Newman, H. W., 320 W Green
Nolan Bros., 423 W Jefferson
O'Brien, E. J., 616 2d
Otte, J. L., 1612 Baxter av
Otto, H. E., 2717 Elliott av
Popp, Jno., 130 4th
Ramsay, A. M., 540 W Jeff.
Randall, T. S., 523 6th
Rosenfield, L. J., 1134 W Walnut
Roser & Hegen, 216 3d
Russman, Reuben, 430 Preston
Ryan, J. & Co., 521 E Jefferson
Schankel, P. C., 539 E Market
Schardein, F. S., 603 W Market
Schardein, W. M., 510 E Burnett av
Scheirich & Nevin Co., 414 2d
†Schulhafer, Simon, 449 W Jefferson
Sikking, G. W., 320 7th
Spies, L. P., 464 E Jefferson
Stickler, J. B. & Son, 417 W Walnut
Superior Plumbing & Heating Co., 513 3d
Tompkins, Jas. J., 2304 W Chestnut
Tomppert, L. P., 1007 Charlton
Tomppert & Co., 1701 Frankfort av
Watts, B. B., 319 5th
†Welker, W. H., 1137 E Breckenridge
Welsh, David, 632 7th
†Werst, H. W. Plumbing Co., 553 3d
Wharton, Roy, 514 W Green
Zachari, L., 1037 3d
Zorn, Geo. & Co., 660 3d
LUDLOW—Hayden, Henry
MAYFIELD—Simon, Jno.
MAYSVILLE—†Oldham, S. B.
Paul, Chas. B. & Co.
MIDDLEBOROUGH—Gallagher, S. O.
†Salyers, W. L.
NEWPORT—Bradley, M. F.
Davis & Ryan, 519 York
Fulner, Geo. F., 620 Monmouth
Kelleher, Cornelius J., N W c Isabella & Elm
Kruse, Albert, Jr., 108 E 8th
Kuechler, Henry, 938 Monmouth
†McLane, James S. & Son, 9 E 4th
McLane, John B., 218 E 5th
Morlidge, Geo. E., n e c 8th & York
Richards, Walter J., Court pl & Columbia
Schmidt, Wm., Jr., 729 Isabella
Ulmer, Wm. A., 3d & Monmouth
White, Geo. W., 839 York
White, W. W., 723 Monmouth
White, Wm., 633 Monroe
OWENSBORO—Kunze, Edw.
Lossie, Wm. A.
McDermott, M.
PADUCAH—†Coulson, J. E.
Coulson, M. M.
Franke, Aug.
Hannan, Ed. D.
Schiffman, Fred.
PARIS—†Connolly, John J.
Willett, Wm. E.
RICHMOND—McCarthy, Jas. J.
SHELBYVILLE—Choate's, H. Sons
WINCHESTER—Wasserboehr, G. N.
Witt, Grant & Co.
WINFIELD—Miller Hardware Co.

LOUISIANA.

ALEXANDRIA—Roberts Bros.
BATON ROUGE—Garig Hdw. Co.
Gessel, Frank
MONROE—Moore, G. F.
Moore, J. L.
Sanders, Jno. G.
NATCHITOCHES—Hughes, W. J.
NEW IBERIA—Simon, Geo.
NEW ORLEANS—†Aitkin, J. H., 510 Camp
Aitken, Peter W., 208 S Rampart
Aschaffenburg, A. Co., 129 Carondelet
Babst, Emile M. & Co., 1050 Camp
Beyer, Jos. C., 701 Bourbon
Becker, A. R., 607 Royal
Birtel, Martin, 2611 St. Claude
Boettner, Herman & Son, 1128 Tulane av
Brady, Dennis, 1763 St. Charles av
Brady, Richd. C., 1051 Camp
Briedy, Michael, 1043 Peniston
Brunet, Wm. S., 216 Bourbon
Burghardt, John D. Co., 214 Royal
Casson, H. H. & Co., 350 Baronne
Cirino, Dominick, 2830 St. Charles av
Duplessis, Frank, 936 Royal
Dutilh, F. T., 1036 Royal
Falvey, Wilson Co. (Ltd.), 409 Camp
Finan, J., 2049 Magazine
Flynn, Jno. E. Co., 1726 St. Charles av
Foughmer, Jas. M., 3245 Magazine
Gaiennie, J. S., 157 Baronne
Gamache, Chas. L., 4231 St. Charles av.
Goreau, Thos. W., 1106 Camp
†Gormley, Frank J., 635 Chartres
Hartwell, C. C. Co., 213 Barronne
Hubbs, Edw. F., 2933 Magazine
Hughes, E. V., 6314 Hurst
Ibos Bros.
Kauffman, Jacob, 1238 Magazine
Kiefer, Jno., 440 Howard
†Lambert Bros., 916 Camp
Leo, A. M., Coliseum c Peters av
Leo, S. M. & Co., 1408 Berlin
Loeffler, J. Co., 324 Bourbon
Luderbach, Louis, 1052 St. Charles av
McCabe, W. J., 530 Felicity
McKendrick, Thos., 3321 Magazine
†Manion, J. E. & Co., 618 Baronne
Meisner, A. E., 714 Baronne
Moustier & Co., 458 Baronne
Paquette, Jno. J., 728 Camp
Petre, Jacob B., Jr., 432 N Rampart
Petrie, Joseph, 727 Royal
Quinlan, Patrick H., 2113 Magazine
Schatz, Arthur, 1432 St. Charles
Stiefooter & Charlton
Schmidt, Rudolph, 318 Bourbon
Selby, Geo., 620 Poydras
Snider, John W., 901 Carondelet
Stewart, Samuel B., 216 Bourbon
Thiberg, Alex. J., 2135 Magazine
Thiberge, Edw., 3313 Magazine
Volgringer, Henry J., 533 Dauphine
White, John E., 1121 Josephine
SHREVEPORT—†Dillenberger, Henry, Jr., & Co., 313 Milam
†Hoke Plumbing & Heating Co., Texas av
Murphy, J., 213 Milam
Porter, R. J.
†Rosenblath, M. T., 215 Market
Ward & O'Donnell

MAINE.

AUBURN—†Allen, Jno. B. & Co., 160 Main
†Arnold, E., 73 Main
Chase & Corry, 17 Turner
†HASKELL, L. W. & CO., 105 Main
AUGUSTA—Bean, E. R., 319 Water
†Cogan, J. H. & Co., 187 Water
Larrabee, Joseph, 102 State
†Malcolm & Dyer, 159 Water
†Taber, Carey & Reid, 269 Water
†Ward, A. D., 195 Water
BANGOR—†Babb, C. H. & Co., 212 Exchange
Carter, Adams & Co.
†Chamberlain, J. W. Co., 17 Columbia
†Clement & Brown Mfg. Co., 201 Exchange
Cullinan, C. H.
Dole, Charles E. (Gas)
†Fairbanks Bros., 93 Central
Kelley, Edw. F.
†Lane, J. N. V. (Gas)
Mayo, B. W.
Wharff & Durgin
BAR HARBOR—Davenport, A. H.
Pierce, W. L.
Stanley, R. E.
BATH—Barton, George H. W.
Redlon, J. A.
Rogers, C. W.
Sparks, Wm. M.
Watson, W. H.
WINSLOW, J. A. & SON
BELFAST—**†MITCHELL & TRUSSELL**
READ, GEORGE T.
Stickney, J. B.
Wright & Hall
BIDDEFORD—Anthoine, Geo. A.
†Ham & Anthoine
Letellier, A. F.
†Lowell, John B.
BREWER—Olmstead, A. D.
Woodbury, S. H. & Co.
BRUNSWICK—Eaton Hardware Co.
FURBISH, JOHN
Ridley, Geo. B.,
BUCKSPORT—†Beazley, E. L.
Buck, H. E.
CALAIS—†Donovan, W. H.
†Morrell, J. F.
McGarrity & Regan
CAMDEN—†Bowers, J. W. Co.
Chapin, O. P.
DAMARISCOTTA—Keene, W. W. & Son
DEXTER—Crockett & Tilson
†FAY & SCOTT
EASTPORT—Daley, Jas. J. & Co.
Loring, Frank C.
†MARTIN, E. S. & SON
Spates, W. T.
ELLSWORTH—Aiken, F. B.
Eldridge, Jno. P.
FAIRFIELD—Donnelly, D. B.
FARMINGTON—†McLeary, Wilfred
Roderick, A. E.
FT. FAIRFIELD—Cary, L. K. & Co.
Seaborn & Dean
FOXCROFT—Steward, J. H. & Son
Thomas, B. A.
GARDINER—†Kelley & Wheeler
Vannar Co.
GUILFORD—†Page & Spearing Co.
HALLOWELL—Fuller's, George Sons
HOULTON—Hamilton & Webber
†McPartland, Jas. H.
ISLESBORO—Clark, F. O.
LEWISTON—†Bunker, Wm. B., 169 Holland
†CARMAN-THOMPSON CO., 48 Main
†Chase, J. H., 191 Lisbon
†English & Dolliver, 272 Main
†Goss, A. L. & E. F. Co., 41 Main
Kerrigan, T. W., 257 Lisbon
†Lemont, C. D., 225 Main
Pratt, T. L., 183 Lisbon
†Smith, J. B. & Co., 40 Main
Stetson, J. H. Co., 65 Lisbon
LISBON FALLS—**†BREWSTER, J. H.**
LIVERMORE FALLS—Hutchinson, W. F. & Co.
†Stuart, W. A. & Co.
LUBEC—Trecartin Bros.
MACHIAS—†Bowker, F. W. & Co.
†Crane Bros.
MECHANIC FALLS—**†PENNEY, J. W. SONS CO.**

OLDTOWN—**BLANCHARD, E. A. & CO.**
Gray, Geo. A.
PITTSFIELD—Getchell & Chandler
PORTLAND—†Carman, W. W.
Crocker, C. H. Co., 42 Preble
Cutts & Jefferds, 728 Forest av
Davis, H. E. & Co., 151 Federal
Dow, A. L. & Co., 69 Union.
Duffey, John H., 35 Free
Fitzgerald Bros., 5 Wash'n av
Howes, Chas. E.
†Hutchinson, M. C., 183½ Brackett
Kerrigan, Wm. S., 935 Cong.
†Knight Bros., 304 Fore
Lowe, Wm. A. & Co., 16 Free
†McCausland, Robt. E., 88 Brackett
†McNair, W. & Sons, 33 Temple
Madsen & Allen, 675 Forest av
Marshall, George, 45 Cross
Meehan, Martin, 53 India
Megquier & Jones Co., 31 Pearl
†Moulton, Arthur H., 75 Union
Myers & Mahoney, 73 Union
†Nash, F. & C. B. Co., 386 Fore
†Nash, O, M. & D. W., 6 Exchange
Plummer, C. M. & H. T. Co., 48 Union
†Smith & Abbott Co., 72 Union
†South Portland P. & Heating Co., 4 Cottage, K
Straw, H. W. & Son, 276 Congress
Tilton, C. A. & Co., 99 Sawyer, S. P.
†Wheeler, Fred E., 645 Forest av
†Willey & Calhoun, 60 Union
READFIELD—†Lord, W. A.
RICHMOND—†**HAYNES, J. & SON**
†Rogers Bros. & Co.
ROCKLAND—Crockett, J.
SHEA, ARTHUR
†Sleeper Bros.
Wight, James
RUMFORD FALLS—**CARROLL, F. B.**
SACO—Bail, A. E. & Co.
†Norwood, Geo. A. & Co.
SANFORD—†Bennett, Elmer D.
†**HUFF, GEO. W.**
Meagher, Pat'k
SKOWHEGAN—Heald, F. G. & Co.
Ross, C. A.
†Steward Htg. & Plbg. Co.
Wood, F. A.
SOUTH BERWICK—Clough, Geo. F.
McIntire, D. E.
SOUTH PORTLAND—†**TILTON, C. A. & CO.**
SPRINGVALE—†**MAKIN, J. H.**
THOMASTON—†Weber, M. E.
TURNER—French, W. B
WATERVILLE—†**ARNOLD, W. B. & CO.**
†Hanson, Webber & Dunham
†Learned, G. L. & Co.
Williams & Fardy
WESTBROOK—†Snow, T. H.
WINTERPORT—Haley, F. W.
Spencer, D. McG.
WOODFORDS STATION—Cutts & Jefferds
Madson & Allen
†Wheeler, F. E.

MARYLAND.

ANNAPOLIS—Bright, Daniel V.
ARLINGTON—Eyler, J. M. & Son
BALTIMORE—Addison, G. W. 801 Madison av
Adelsberger, D. G., 722 Penna. av
Alford & Lawder, 103 W Fayette
Alt, Charles, 713 W Pratt
Bach, Henry, 1206 St. Charles
Baer, Jos. H., 1440 Jefferson
Baer, William, 1440 Jefferson
Baldwin, John L., Catonsvile
Balto. Sanitary Plbg. & Htg. Co., 104 E Saratoga
Balto. House Repairing & Contracting Co., 860 N Howard
Barry, P. T., 1134 Linden av
Baumgarten, C. J., 715 Hanover
Beam, Allen W., 1719 Harlem av
Beehler, Fredk., 18842 W Franklin
Belz, Jos. A., 1539 Md. av
Bennett Bros., 523 N Fremont
Bergmann, Geo., 19 Foster av ext.
Berry, B. H., 244 Pearl
Bibleheiser, F., 1424 Brunt
Bier, Chas. C., 703 Covington
†Bilson, Frank O., 1505 Patterson av
Blazek, Chas. W., 917 N Wolfe
†Boland, Thos. B., 402 N Howard
Boswell, Geo. W., 111 S Eutaw
Bowers, C. M., 342 W Preston
Bowers, Martin H., 542 W Barre
†Bowman, H. C., 328 N Howard
Brayden, Samuel W., 515 Bloom
Brazier, Geo. W. & Bro., 742½ W Saratoga
Breitenbach, Ferdinand, 225 N Wash'n
Brenton, R., 404 Park av
Brewer Chas. J., 2012 Bokee
Breyer, F. F., 609 N Fremont av
Breyer, F. Geo., 1316 Pa. av
Brooks, Oliver M., 428 Hickory av
Buchwald, Paul R., Harford rd, nr Grindin la, Lauraville
Bumgarner, Geo. W., 959 N Bond
Burke, Edw. J., 1833 Pa. av
Bushman, O. C., 2016 York rd
Cairnes, Raymond M., Catonsville
Caltrider, Alvin W., 312 Roland av
Carey, Jas. J., 1107 N Carrolton av
Carey's, P. Sons, 860 W North av
Carrick, Wm. J., 411 N Bond
Carruthers, Richard, 1427 W Balto.
Caverly, Robt. B., 361 N Calvert
Chalmers, Philemon, 768 W Franklin
Chenoweth, Geo. C., 1607 E Lanvale
Clautice, Edwin D., 1816 N Caroline
Coath, Wm., 1700 E Oliver
Cohen, Morris, 1243 Orleans
Connolly,'s Jas. Sons, 421 St. Paul
Coulbourne, Rupert, 1219 Mosher
Davidson, E. G., 1058 W Balto.
Day, Frank L., 1512 W Franklin
Deal, I. A., 504 Oxford av
Deal & Gorsuch, 1731 Harford av
Deal's, Wm. H. Sons, 1704 Greenmount av
De Haven, Samuel & Son, 418 Aisquith
Delaney, M. J., 701 W Fayette
Denker, H. S., Jr., 2011 Fkd. av
Didenhoover, G. A., 1208 Edmondson av
Drebing, Wm. A., 614 E Fayette
Duffy, John T., 1028 Pa. av
Dunn, Wm., 1015 W North av
Dunnett, Wm., 647 N Eutaw
Durham, Jas. O., 932 Fdk. av., ext.
Dwyer, J. F., 304 Park av
Eberle, John A., 1208 York rd
Eckhardt, Wm. B., 304 W Franklin
†Eidman, Aug., 208 S Eutaw
Eidman, Chas., 700 Madison av
Eurich, Elizab., 2300 E Fayette
Eurich, H. & Son, 2302 Boston
Eyler, Ira E., West Arlington
Fannon, Jno. M. J., 723 E Chase
Fardwell, C. T., 328 N Charles
Fardwell, W. R. & Co., 1100 Linden av
Fenzel, Frank J., 1107 Winchester
Fingles, Jas. A., 726 Light
Fitch, Jas. J., 1526 Orleans
Fitch, Jos. A. & Son, 1833 Orleans
Fitzpatriek, Thos. & Son, 137 E Fort av
Foos, Jno. C., 1111 Clendenin
Ford, Robt. E., 1700 Madison av
Forestell, Jas. E., The Ensor
Forestell, Thos. F., 439 E Lafayette av
Foster, Jas. M., 100 Clay
Foster, Thos. E., 1623 W Franklin
Franklin, Chas. H., 1601 Mosher
Fraske, Jno. M., 30 S Arlington av
Frederick, M. J. & Bro., 317 Park av
Frenkil, Isaac, 916 E Balto.
Frosburg, Wm. C., 402 N Wash'n
Fuchs, Henry, 1130 Columbia av
Fullbauer, Nich., 20 N Montford av
Gallagher, Jas., 201 N High
Gardner, Robt. C., 18 S B'way
Garrett, R. J., Paca c Druid Hill av
Gessler, John J., 1206 W Franklin
Gessler, W. H., 1537 Division
Gildenfenney, Chas. J., Govans
Gildenfenny, J. H., 2425 York rd
Gildenfenny, Thos. F., 1302 Greenmount av
Ginsberg, Morris, 1104 E Pratt
Glover & Kemp, 300 Park av
Gorman, M. J., 620 Ensor
Gorsuch, Chas. P., 1809 Harford av
Graham, John A., 1244 E Monument
Grasser, Jno. G., 316 S Eden
Grayton, Jas., 1304 Edmondson av
Greenberg, Moses, 143 N Gay
Griffith, Geo. H., 20 N Lakewood av
Gude, Jno. H., 9 N Fremont av
Haas, Alex. D., 428 W Conway
Haesloop, Herman M., 1106 N Fremont av
Hagger, J. B., 1324 N Gilmor
Hall, E. L., 1117 N Montford av
Hammen, Jno. T., 116 S Bond
Hampden Sheet Metal Works, 901 3d av, N
Hankin, Isaac, 138 N Exeter
Harig Bros. 1130 Light
Harig, Jos. J., 101 W Hill
Hassell, A. G., 840 N Howard
Haupt, John M., 205 N Gilmor
Healey & Bro., 603 N Calvert
Healy, Elmer V., 1923 E Chase
Healy, John E. Jr., 541 N Paterson Park av
Heil, John C., 1411 N Wash'n
Hellbach, Wm. P., 651 W Balto.
Henkel, Wm. G., 1021 Light
Henkle, Milton, 104 W Pratt
Henkhaus, Wm. F., Arlington
Herget, A. P. & Bro., 901 S East av
Hibbitts, Thos. P., 1233 W Balto.
Hoepner, C. B. & Son, 2 W Lee
Hoffman, Chas. C., 916 W Balto.
Hoffman, John C., 673 W Fayette
Holloway, Hy. O., 911 N Carey
Homberg, Herman, 735 W Pratt
Hopper, Wm. H., 1817 Harford av
Horwitz, John, 207 Albermarle
Hughes, R. & Son, 16 W 20th, N
Hughes, Vincent N., 1506 E Pratt
Hunter, Chas. E., 319 N Carrolton av
†Hutchinson Bros., 116 N Howard
Inderrieden, Jos. B., 1605 N Gilmor
Irwin, John, 1144 York rd
Jacobs Plumbing & Tinning Co., 27 W Biddle
Jeffers, H. J., 1300 Ashland av, E
Jones, Henry, 1000 W Pratt
Jones, Jos. A., Jr., 522 S Greene
Justi, Henry T. & Co., 230 Courtland
Kach, Adolph J., 610 S Sharp
Keichenmeister, J. C. & Co., 614 E Fayette
Keiner, John, 410 S Bond
Keller, J. W. & Co., 609 Sewell
Kemp & Wright, 1704 W Lanvale
Kerr, Henry, 1 N Exeter
Kirchner, Aug., 1510 Bank
Kirkley, Geo. S., 701 N Calhoun
Kirshner, Lewis D., 608 W German
Kirwan, W. T. A., 10 W Fort av
Knight, John L., 1922 W Lex
Knight, John M., 140 Wilson
Knowles, Wm., 2122 Pa. av
Koethe, H. D., 18 S Liberty
Kopp, Fredk., 1714 Byrd
Kraus, C. C. & Co., 1337 W Lombard
Krauss, John W., 354 N Calvert
Kreh, John H., 944 W Lexington
Kries, Peter & Sons, 525 N Eutaw
Lachoff, Walter, 107 S Central av
Lang, A. J., 2230 Boston
Laubert, Wm. H., 638 W Hoffman
Leamann, Fredk. C., 1026 Hillen
†Lenderking, Philip H., Jr., 203 W Pratt
Lenderking, Wm. D., 19 N Fulton av
Leonard, Harry F., 1718 Ramsay
Levy, Isaac, 1019 E Lombard
Lock, Danl. A., 621 W Hamburg
Loney & Bro., 503 Ensor
Long, Wm. J., 802 Light
Lotz, Chas., 2209 E Monument
Lotz, M. & Son, 615 N Collington av
Lubbehusen, Frank J., 15 S Schroeder
Lucas, J. Edw., 818 N Bond
Lucas, Jas. B., 507 St. Paul
McAfee, W. L., 32 E Lanvale
McCahan, Danl. R., 1914 E Balto.
McCahan & Co., 4 N Eden
McCallister, Chas. J., 1121 Pa. av
McCallister, Wm., 577 Dolphin
McColgan, Arthur J., 1925 W Lombard
McConnell, C. H., 24 W Chase
McCrea, Arthur H., Irvington
McCrea, Frank A., Catonsville
McCrea, Jas. & Son, 9 N Carrollton av
McCrea, Jesse L., 1215 W Lafayette av
McFarland, Jos. P., 451 W 24th,N
McGill, Jas., 1529 E Monument
McIntyre & Henderson, ft Montgomery
McKay, John P., 222 N Collington av
McLaughlin & De Reef, 1300 E Lexington
McManus Bros., 1505 Pa. av
Mabee & Bro., 401 W Mulberry
Madgwick, Geo. J., 402 E Clement
Mahorney, John W., 2226 E Lombard
Maisch, Howard M., 1342 N Bond
Mallalieu, W. H., 1316 Myrtle av
Mannion, Patriek, 1400 Argyle av
Manns, Wm. J., 422 S Pulaski
Mareks, Martin, 131 Mosher
Marshall, Louis B., 2833 York rd
Martin, Walter R., 903 3d av, N
Mattheisz, Wm., 1201 Haubert
Mehring, Geo., 2433 Foster av
Merz, Henry, 120 W Pratt
Mesz, Jno. F., 1000 Goodman al
Mesz, Stephen M. P., 845 Leadenhall
Meyer, Theo. Max, 710 N Caroline
Millar, W. J. S., 856 W North av
Miller, J. Frank, 1516 W Balto.
Miller, Wm. G., 3115 W North av
Minner, Geo. H., 1324 Division
Minnick, Geo. R., Jr., 857 Greenmount av
Mitchell, Eug. I., 2702 Pa. av
Mitchell, Jos. C., 604 N Calvert
Mitchell, Lloyd E., 457 N Gay
Mitchell, W. H., 1042 Greenmount av
Mitchison, Wm. J., 820 N Wolfe
Mohar, Robert, 1723 Aliceanna
Mooney, R. J., 416 Oxford
Morris, Eugene M., 1203 Edmondson av
Mueller, Louis C., 1849 W Fayette
Mueller, Michael, 1709 E Lombard

Munroe, Harry & Co., 143 W Camden
Murnaghan, Wm., 918 Hollins
Murphy, Edw. J., 1510 W Mulberry
Obrecht, Chas. F., 514 Light
Oldenburg & Kelley, 310 Eastern av ext.
Ott, Wm., 1101 E Fort av
Overcash, Thos. N., 1518 E Balto.
Owens, Thos. E., 1625 W Lexington
Pieper, G .C., 920 W Balto.
Pipino, Jacob C., 800 E Balto.
Pirie, John J., 852 W Balto.
Popple, Harry & Co., 1822 Harford av
Pruitt, Eug. R., 1737 W Pratt
Pumphrey, John H., 1002 W Lexington
Qante, Louise, 422 S Sharp
Quartley, Herbert W., 909 Madison av
Reed, Robert A., 505 W Preston
Reilly, Jas., 146 N High
Reilly, Robert M., 1420 N Bond
Reinhardt, H. J., 104 E Saratoga
Reip, Thos. H., 519 N Paca
Robinson, Jas. W., 1234 Pa. av
Rogers, Edw. H., 102 N Schroeder
Rolf, Chas. H., 864 W Balto
Romoser, Chas. E., 1617 W Mulberry
Rossbach, Henry C., 319 S Sharp
†Rothrock, W. H. & Co., 424 S Charles
Rowles, W. W., 1103 Druid Hill av
Royer, Wm .B., 502 N Arlington av
Ruckle, Thos. L., 705 E Chase
Ruckle, Wm. T., 845 W Lexington
Rudiger, W. T., 845 W Lexington
Schaecher, C. H., 922 E North av
Schaefer, Wm. H., 2107 Fkd av
Schaeffer, A. G., 28 N Poppleton
Scharfe, Chas. & Sons, 1938 E Eager
Schaub, C. & G., 501 Albemarle
Scherer, John C., Jr., 13 Harrison
Scherer, Philip H., 1505 Orleans
Schikner, John, 1130 S Charles
Schlegel, Andrew, 223 S Sharp
Schlegel, Arthur, 232 S B'way
Schuchardt, Chas. J. & Co., 1215 N Gay
Schwartz, Wm. F., 2213 Pa. av
Scott Bros., 1301 E Preston
Seicke, Otto A., Catonsville
Sellman, John H., 2224 York rd
Share, Albert, 1040 N Gay
Sheridan, Jas. A., 2924 O'Donnell
Sherman, Geo. W., 2044 E Biddle
Sherry, Pat'k, 819 Madison av
Shuley, Jos. H., 1044 Light
Siegk, Louis A., 537 N Fremont av
Simms, Jas. A., 1701 McCulloh
Sinclair, Perry, 2100 E Lombard
Sindall, John P., 2706 Elliott
Singer, F. O. & Co., 1212 N Fremont av
Smiley, Jos., 806 W Baltimore
Smith, H. N., 1620 Baker
Smith, Jas. T., 123 N Lakewood av
Smith, Richard, 112 S Chester
Smyrk Bros., 1515 Pa .av
Snyder, Adam, 923 N Gay
Snyder, Christian, 1323 Harford av
Spellman, J. T., 2649 York rd
Squires, F., 1504 McHenry
Stevenson, R. D., 711 N Eden
Stidham, Alonzo P., 415 W Mulberry
Stidham, Jas. D., 415 W Mulberry
Suit, W. F., 1723 Riggs av
Sullivan, Daniel N., 219 Park av
Sullivan, Patrick A., 1910 N Charles
Super, Wm. H., 252 W Biddle
Swansberg, Thos. G., 1114 Hollins
Thaler, Geo. J., 800 N Gay
Todd, Geo., 1500 Orleans
Trainor, James, 2115 Madison av
†Trainor, John, 877 N Howard
Trainor, Patrick, 307 Mosher
Treff, Herman H., 1517 Hanover
Trotter, John R., 305 E Preston
Tyler, Wm. B., 1511 Myrtle av
Voltz, Fredk. W. J., 2809 N Fulton av
Wagner, Chas. G., 1402 E Fayette
Walker, Geo. S., 1548 N Gay
Walter, Chas., Brooklyn A. A. Co.
Walther, Geo. W. & Co., 208 W Fayette
Ward Geo. A., 1632 Lancaster
Ward, John T., 107 E Read
Ward Thos. M., 1310 N Fremont av
Ward, Wilbur F., 20 W Pratt
Warfield, H. A., Liberty rd & 9th, W
Weedon, Elias H., 1611 E Oliver
Weems, Chas. E., 1319 Highland av
Weitzel, Henry C., 2025 E Hoffman
Wells, Andrew J., 606 E Madison
Wentz, Oliver N., 16 E Fort av
Wentz, Wm .H., 212 N Greene
Whalen, Stephen, 889 W Lombard
White, B. Albert, 104 E Church
Whitney, Richard A., 318 N Schroeder
Wills, Wm. H., 23 E Centre
Wilson, Jno. A., 202 N Liberty
Wockenfuss, Paul F., 29 S Carey
Wolferman, John, 1729 Canton av
†Wood, Wm. E. Co., 18 N Howard
Woodward, A. E., 1912 Mosher
Wright, C. M., 1704 W Lanvale
Wuestner, John, 114 Montford av
Yeagle, Daniel B., 3441 Chestnut av
Yingling, C. H., 1046 W Balto
Yingling, Chas. R., 19 S Fremont av
Zimmers, A. M., 1808 Fkd av
Zimmisch, Chas. E., 325 Park av
Zinn, Wm., 822 Harford av

CAMBRIDGE—Brown, J. F.
Wright, Hubert H.
CATONVILLE—†BALDWIN, J. L.
Carnes, R. M.
Jones, Jos. G.
McCrea, Frank A.
Seicke, O. A.
CUMBERLAND—†Deetz & Mullen
Johnson, Jas. S.
†MacFarlane & Shaffer
†Rhind, J. W.
†Ways, Geo. E. & Co.
EASTON—†Flowers, Willis
ELKTON—†**ALEXANDER & SON**
Boulden, H. R.
ELLICOTT CITY—Stigler, A. M.
EMMITSBURG—Adelsberger, J. M. & Son
Hays, J. T. & Son
FREDERICK—Ebert, Edw. C.
Elbert, Wm. A.
†Hahn & Rowe
Weiner, George H.
Wilson, N. J. & Son
HAGERSTOWN—†Hagerstown Heating Co.
Hunter, J.
McGinley, E. K.
Miller, Jno. Z.
†Moser Heating Co.
Wagner, Harry R.
OAKLAND—Naylor, A. D.
PORT DEPOSIT—†Stephenson & Reynolds
REISTERSTOWN—†Brown, J. V.
ROCKVILLE—Viett, Wm. E., Jr.
SALISBURY—Biddle Bros.
†**GUNBY, L. W. CO.**
UNION BRIDGE—Hollenberger, Jno. M.
WESTMINSTER—†**GILBERT & GEHR**
Westminster Hdw. Co.

MASSACHUSETTS.

ABINGTON—Davidson, R. I.
Gomley, Geo. E.
ADAMS—†**CARNEY, J. J.**
†Connors, P. T.
Hiser, Chas.
Ryan, P. J. & Co.
†Weston, L. A.
AMESBURY—†Falconer, Charles
Greenier, Chas. E.
Noyes, Eugene
Reed, M. E.
AMHERST—†**ELDER, C. R.**
†Phillips, S. A.
†Trott, Julius H.
ANDOVER—†**PIKE, E. C.**
†Saunders, Geo.
Walsh, M. T.
†Welch, W. H.
ARLINGTON—Bain, Andrew
†Knowles, Albert H.
†Shattuck, Ralph W. & Co.
ASHBURNHAM—†Marble & Gilson
ASHLAND—†**ENSLIN, FRANKLIN & CO.**
ATHOL—†**BRIGGS, C. M.**
Smith, C. H.
†Ward, A. T.
ATTLEBORO—Dillon, C. H.
French & Brownell Hdw. Co.
†Gifford, Jas. W. Co.
Holmes, Chas. F. & Co.
†Perry, N. & Co.
AUBURNDALE—Gammons, R. F.
†Walker, E. A.
AVON—Stockwell, Orvill
AYER—†**FILLEBROWN, A. A. & CO.**
BARRE—Weeks, Wm. E.
†White, W. H.
BELMONT—†Rogers, F. P.
BEVERLY—†Claflin, John H.
Herrick, F. W.
†Ingersoll, Frank A.
McDonnell, Thos. J.
Pickett & Goodwin
Pierce & Cox
Pierce & Pierce
†Robertson, Robert Co.
Wallace, Edw. L.
†Williamson, Franklin W.

BOSTON—Adams, Saml., 858 Dorch av
Adams, W. J., 863 Dorch av
Ahern, Michael, 709A Boylston
Anderson, J. A. Co., Oakland
Anderson, J. W. & Co., 115 Richmond
Arkinson, W. F. & Co., 731 Boylston
Bagley, Jas. E., 176 Cowper, E. B.
Baldwin, Chas. E., 35 Clarendon
†Ballou, John, 112 Portland
Barnett, B., 9 Levcrett
Barrett, John R., 130 Harrison
Barrett, Wm. H. & Co., 4 Olney
Barry, Jos. W., 1 Park, Cshn.
†Bartlett, Wm. E., 389 W B'way
Bassnett, J., 1 Tremont, Cpsn.
Bateman, Jos. W., 693 E 4th
Bates, B. G., 1055 Tremont
Bauer, Wm. J., 422 Blue Hill av
Berrigan, John F., 5 Cobb
Best, Lewis C., 1385 Blue Hill av
Blake, Emerson & Co., 293 Hanover
Bosse, A. J., 2499 Wash'n, Rox
Boston Construction Co., 21 Cooper
Bowen, Thos. J., 1579 Tremont
Boyd, J. S., 2 Eliot sq
Boyd, Wm., 1204 Harrison av
Boyden, L. E. Co., 14 Brattle sq
Bramhall, Wm., 17 Blue Hill av
Branch, Geo. W., 20 Union
Bray, C. A. Co., 117 Eliot
Bresnahan Bros., 31 Harrison av
Brown, Jos., 680 Centre, J. P.
Brown, Robt. F., 18 Cambria
Brown, Saml. C. & Co., 1928 Centre, W. R.
Buckley, P. T., 469 Hanover
†Buerkel & Co., 28 Union Park
Burke, Jas. E., 71 Pitts
Burnham & Stevens, 116 Dartmouth
Burns, Richard W., 25 Garden
Callahan, John, 78 Dover
Campbell, A., 4 Main, Chsn.
Cantwell, M., 71 Pitts
Capper, Porter F., 152 Mt. Vernon
Capper, T. H. & Son, 122 Mt. Vernon
Carder, M. A., 53 Norway
Carey, Thomas F., 1188 Tremont
Carley, P. F., 16 Huntington av
Carpenter & Jefferson, 131 State
Carr, Danl. A., 61 Leverett
Carruthers, H. & Co., 5 Henry, E. B.
Catsiff, M. H., 10 Spring
Chase, W. B., 359 Main
Clark Bros., 215 Endicott
Clasby, Owen F., 295 Ruggles, Rox
Cleaves, Stephen A., 631 Wash'n, Dor.
Cluney, James, 1389 Wash'n
Cobb, F. E., 1633 Blue Hill av
†Coffin, Isaac & Co., 52 Sudbury
Cohen, Meyer, 55 Lowell
Collins, M. W., 3 Marion, Chsn.
Collins, M. & H. H., 23 Guild row
Conlon, John P., 3 Stoddard
Connor James & Co., 89 W Concord
Cooper, Chas., 6 Main
Cooper's, John Sons, 144 Harrison av
Cosden, J. W. & Co., 246 Mass av
Coutts, James, 343 Centre, J. P.
Coyne, Thos. F., 286 Blue Hill av
Craig, David, 70 Broad
Crawford, John, 41 Howard
Crawford & Nichols, 311 Warren, Rox
Crediford, Roscoe W., 116 Dartmouth
Cronin, C. H., 91 Charles
Crowley, Jas. J., 21 Scotia
Crozier, I. W., 30 W Canton
Cuddy E. S., 8 Bulfinch
Cunniffe, B. J., 1578A Tremont
Cunningham, L., 570 Shawmut av
Curtis, W. F., 191 Bunker Hill
Davis, Lewis F., 42 Robinson
Dean Bros., 112 Whitfield
Denvir, R. F., 15 Main
Devlin, T., 392 Commercial
Doherty, J. A., 12 Hawley pl
Donlan, J. F., 488 Boylston
Donohoe, B. F., 51 Albany
Donohue, Cornelius J., 102 Meridian
Donnelly, Jno. D. & Co., 21 Lauriat av, Dor
Donovan, Danl. B., 165 Eliot
Donovan, Jas. & Co., 79 Harrison av
Donovan, M. J., 244 Wash
Dooley, T. F., 49 River
Douse, Geo. N., 28 Buttonwood, Dor.
Driscoll, C. F. & Co., 100 Essex
Drury, John P., 60 Endicott
Duff, Jos. A., 898 Dorchester av
Duggan, Danl. J., 1A Decatur
Duggan, Edward M., 56 Lenox
Duquet, Asa M., 453 Atlantic av
Dwyer, J. F., 114 Market, Br
Eastern Plumbing Co., 188 Summer, E. B.
Fallon, Thos. F., 24 Vernon
Farley, E. J., 303 Blue Hills av, Rox.
Farrell Bros., 867 Harrison av

Felleman, Saml. & Co., 709 Shawmut av
Fennessey, E. J., 235 Dudley
Finley, Jas. A., 20 Franklin, Alls.
Fillebrown, M. E., 600 Dudley
Finnerty, D. G., 478 Boylston
Finnegan, W. J., 137 Eliot
Fitzgerald, D. J., 2692 Wash'n
Fitzgerald, Jno. H., 2 Columbia
Fitzpatrick, W. J. Co., 30 Pemberton sq
Flynn, Eugene J., 35 Winslow, Rox.
Flynn, Jos. & Co., 981 Boylston
†Forbes, Elon E., 49 Hardwick, Br.
Foughner, Jas. M., 79 Joy
Fratus, M., 51 Commercial
Frazer, Jno. A., 54 Heath
French, J. Warren & Co., 511 Tremont

Gaddis, L., 187 Pleasant
Gannon, W. N., 332 Wash., Br.
Gardner, Arthur C., 1½ Harrison av
Gay, C. M., 66 Warren, Rox.
Gerow, Jas. H., 248 Adams, Dor.
Gerrity, Jno. A., 370 Centre, J. P.
Gibson, L. R. & Son, 1158 Wash'n, L. M.
Gilbert, Chas. R., 63 Chambers
Gillespie & McGrath, 708 Columbia rd
Gleason, Arthur J., 2 Wheeler
Godfrey, B. F. & Co., 769 Centre, J. P.
Golablatt, Jos., 107 Vernon
Goldman, L. & Co., 112 Pleasant
Goldstein Michael, 28 Green
Gould & Levin, 7 Minot
Gran, Chas. L., 114 Broad
Granara, Andrew J., 174 North
Grant, Jno. B., 2 Wheeler
Green, J. H., 47 Norman
Greenlaw, H. C., 778 Tremont
Greenfield, Chas., 233 Atlantic av
Greenleaf, Wm. H., 17 Charles
Griffith, W. H. & Co., 161 Cambridge
Gunning, M., 32 Bennett

Haley, Wm. & Co., 9 Academy Hill rd, Br.
Halsband, Adol, 2 Oneida
Hanrahan, Jas. L., 271 E 8th, S. B.
Hartnett, Timothy J., 3105 Wash'n
Harold, Michael, 456 Shawmut av
Harris, S. M., 83 Prince
Haskell, W. H., 32 Broad
Hatch, H. A. & Co., 15 Hyde Park av, J. P.
Hatch, H. N., 130 W B'way
Heath, Edw. R., 143 Main
Heinlein, F. A., 287 Wash, Br.
Henderson, Jno. B., 42 Park, Chsn
Hennigan, Thos. J., 88 Main
Herbert, M. M., 747 South, Rox.
Hersum, Arthur L., 27 Province
Hiltz, Fredk. A., 9 Bullard, Dor.
Hoffecker & Serres, 107 Clinton, Rox
Hoffman, Harris 152 Trenton, E. B.
Hogan, C. A., 62 Carver
Hogan, J. E., 558 Shawmut av
Holmes, Jno., 186 Wash'n, Dor.
Hoyt, F. J., 98 Harvard, Dor.
†Huey Bros., 35 Hartford
Hughes, A. J., 5 Darling, Rox.
Hussey, Henry & Co., 84 Harrison av
Jacobs, Louis H., 9 Walden
James & Condon, 34 Broad
Jennings, Geo. C., 651 Wash'n, Dor.
Johnson, F. O., 151 Richmond
Johnson, Jas. F., 24 West
Johnson, Wm. A., 77 Dover
Johnson, Wm. B., 17 Malden
Johnston Plumbing Co., 36 Brattle
Jones, James G., 227 Main
Jones, Walter P., 1272 Dorchester av

Keane, M. J., 514 Tremont
Kearney, M. O., 4 Blossom
Kelley, J. P., 10 Roxbury
Kelley & Gaffey, 475 Blue Hill av
Kelly, Edward C., 195 Centre
Kelly, Jno. C., 1246 Tremont
Kelly, M. J., 125 Roxbury
Kelly, M. T., 28 Prince
Kenrick Bros., 166 Devonshire
Kent, Jas. A., Jr., 775 South, Rox.
Keyes, W. F., 19 Warren, Rox.
Killian, John H., 95 Eustis
Killion, D. F., 1181 Harrison av
King, Chas. & Co., 174 Summer, E. B.
Kinnaly, Daniel J., 126 Emerson
Lang, P. A., 232 Sumner, E. B.
Lawrence, L. F., 4282 Wash, Ros.
Leighton, H. B., 9 Province ct
Lennon, James P., 1419 Tremont
Levin, Jos. J., 49 Wall
Levin, Wm. I., 9 Minot
Lewis, D. J., 22 Marshall
Logan, James J., 203 Hampden
Long, T. J. & Co., 272 Shawmut av
Loudon Bros., 36 Province
Lovering, Robt. H., 24 Warren, Rox.
Lovett, T. F., 192 Shawmut av
Lumb, Wm. & Co., 1 Province ct

Lynch, D. J., 2 Rochester
Lynn & Murphy, 32 Bennington
McAuliffe & Bertram, 628 E B'way
McCaffrey, Chas. H., 2777A Wash'n
McCarty, Chas. W., 236 Harrison av
McCarty, Jas. J., 295 Centre
McCoole, Jno. C., 60 Park sq
McCormack, E. R., 733 E B'way
McDevitt, Jas. L. & Co., 175 Blue Hill av
McDonald, J. A. & Co., 53 Maverick sq
McDonald, Thos. H., 1644 Wash'n
McDonough, Geo. H., 512 Medford, Chan.
McGivern, Jas. A., 493 Quincy, Dor.
McGloan, Jno. F., 19 River
McGonagle, W. F. Sons, 20 Staniford
McGrath, Jno. B., 31 McLean
McKay, Donald A., 105 Clifton, Rox.
McKeagney, Thos. B., 6 Hingham
†McKenna, Wm. N., 73 Chestnut
McLaughlin, M. J., 161 Endicott
McMahon & Jaques, 242 Mass. av
McVarish, Danl. A., 129 Main
Madden, John S. & Co., 33 Boston
Madden, T. F., 20 Blue Hill av
Maddocks, Thos. E., 156 Norfolk, Dor.
Manning, Jno., 342 Shawmut av, Rox.
Mansfield, C. J., 21 Cobb
Mansfield & Coughlin, 342 Warren
Marchant, E. H., 12 Province ct
Martin, B. J., 1326 Columbus av, Rox.
Martin, Jos. T., 126 London
Matthews, Thos. A., 217 Wash., Dor.
Meitzer, A. & M., 84 Brighton
Mennig, G. E. & Co., 611 Parker
Merritt, A. R., 615 Dorch av
Michelson, Barnard, 19 Minot
Mills & Moore, 35 Bradford
Milners, J. M., 1198 Harrison av
Mitchell, Lee E. & Co., 48 Sudbury
Mitchell, Wm. H. & Son, 1 Province ct
Mondelsyg, Israel, 357 Harrison av
Moore, Ed. & Co., 9 Causeway
Morgan, Thos. J., 44 Humboldt av
Morse Bros., 115 Marrimac
Morton, Geo. Y., 91 F
Mulcahy, David E., 1945 Beacon
Mulkern, M. J., 14 Devonshire
Munroe, J. & Co., 82 W Springfield
Murphy, Danl. M., 1101 Tremont
Murphy, Patrick, 451 Main
Murphy, P. H. & Co., 325 Columbus av
Murphy, T. F., 142 Dorchester av
Murray, Jno. F., 85 Joy
Murtagh, W. J., 7 Church
Nelligan, Morris W., 224 E 8th
Nettles, Dennis H., 788 Tremont
New England Plumbing Co., 26 Shawmut av
Newman & Krivitsky, 35 Wall
Newman, Jos. L., 3 Wall
Newton, Wm., 1387 Wash'n
Nolan & Blen, 59 Cambridge
Norton, Jno. W., 878 Harrison av
O'Brien Bros., 26 Church
O'Brien, G. E., 27 Wash'n, North
O'Connell, James O., 405 Market, Br.
O'Donnell, Henry, 59 Leverett
O'Neil, James, 961 Tremont
O'Neil & Son, 1391 Dor. av
O'Riordan, D., 473 Cambridge, Alls.
Palmer, Kendrick, 479 Tremont
Payne, Jno. J., 11 Laconia
Pearce, W. A., 6 Province ct
Perkins, Geo. W., 85 Mason
Perry, Geo. H., 12 W Dedham, Dor.
Perry, J. P. & Co., 195 Devonshire
Pierce, Chas. & Co., 42 Charles
Pierce & Cox, 143 Kingston
Pierce & Pierce, 366 Commonwealth av
Polilsky, Louis W., 53 Cooper
Poole, Orrin Co., 220 Devonshire
†Poole & Son, 36 Exchange
Price, C. G., 11 Province
Pugh, Geo. F., 2 Woodlawn
Ray, J. S., 321 Wash'n, Dor.
Reardon, W. B., 384a Warren, Rox.
Redmond, Jos. W. & Co., 10 Cambria
Redmond, O. W., 153 Pleasant
Reid, David N., 765 Dorchester, av
Renshaw, Geo. A., 10 W Canton
Rice, Hy. F., 654 Wash'n, Dor.
Richardson, W. G., 11 Birch, Ros.
Riley, E. A., 13 Oak
Riley, Isaac, 73 Brimmer
Riley, Jas. H. & Co., 10 Minot, Nep.
Riley, Peter A., 8 Walnut av
Riley, Wm. J., 995 Bennington
Roemer, W. G., 169 Boylston, J. P.
Rosenberg, M., 48 Cross
Ross, D. W., 1882 Dorch av
Rowell, H. A., 51 Hyde Pk av
Rowen Bros., 45 Green, J. P.
Rubinovitz, Louis, 20 Salem
Ruby, A., 460 Main
Rutherford, T. S., 5 Bellevue

Ryan, Fred F., 10 Park, Chsn.
Ryan, Wm. B., 57 Montgomery
Sands, Stephen J., 32 F. H. sq
Sawyer, Edw. G. & Co., 12 Province ct.
Schwehr, Aug. & Co., 15A Camden
Scott, R. F., 3 1-2 Sterling
Scott & Cox, 4 Clarendon
Schumacher, Wm., 2474 Wash'n, Rox
Seibold, Jno., 24 Leroy, Dor.
Sennott, Geo. P., 2959 Wash'n
Shannon, D., 68 & 98 W Dedham
Sharp, John I., 1 Dennis
Sharpe, John B., 235 Bowdoin, Dor.
Sharpe, T. E., 4 Province ct
Shea & Smith, 331 Wash'n, Br.
Sheridan, Wm. R., 37 Harvard
Sheridan, W. J., 28 Sudbury
Sheriffs, Wm. E., 70 Broad
Short, W. M., 89 Dorchester
Silva, Jos. I., 34 Cornhill
Simpson, Jno., 642 Blue Hill av, Dor.
Slattery, Richard P. & Co., 82 Essex
Sloan, Geo. H., 315 E
Smith, A. J., 188 Eustis, Rox.
Smith, Charles, 42 Cabot
Smith, David, 2 Oneida
Smith, Edw. J., 708 Saratoga
Smith, Louis, 51 Lowell
Smith, P. J., 157 Emerson
Smith & Forbes, 70 Pembroke
Southwick, N. A., 249 Cambridge
Spear, B. P. & Co., 10 Thompson, Chsn.
Steele, Wm., 1 Baker pl, Rox.
Stokes, Jas. F., 377 Charles
Sullivan, Thos. A., 37 Savin Hill av, Dor.
Sullivan & Callahan, 17 Tyler
Tague, Jno. J. & Co., 58 Bunker Hill
Toland, John A., 202 Adams, Dor.
Toomey, B. J., 51½ Chelsea, Chsn.
Touchet, A. E., 70 Beacon
Towle, L. J., 30 Beach
Tretheway, Hy. S., 19 Robert
Tucker, James & Sons Co., 97 High
Tucker & Co., 8 Appleton
Tully, Jno. K., 1414 Tremont
Turnbull, D. A., 1915 Centre, W. R.
Tute, Thos. J., 77 Church, W. R.
Vogel, Joseph P., 131 W Brookline

Wallis, S., 109 Ashland
Walters, J. A. & Co., 685 Centre, J. P.
Walters, John J., 139 Northampton
Ward, T. F., 157 Green, J. P.
Waters, Frank P., 104 Summer, E. B.
Watt, Lewis C., 59 Leverett
Welch, Thos. J., 264 Columbus av
†Wells & Newton Co., 183 Essex
Westwood, Walter, 61 Harvard
Williams Bros., 486 Dudley
Williams, Jos. L., 36 N Centre
Williams & Flye, 40 Lex., E. B.
Wilson, Geo. A., 73 Essex
Wilson, Jas. F., 17 Dudley
Woods, J. F., 753 Dudley, Dor.

BRAINTREE—†Bates, F. A.

BRIDGEWATER—†Fairbanks, J. H.
Shaw, C. M.

BROCKTON—Alden Sheet Metal Working & Plumbing Co.
Baker Bros. & Co.
†Brown & Morrow, 240 Main
Carr, J. E. & Co., 1036 Main
†Churchill & Washburn, 11 Crescent
Corcoran, J. T., 20 High
Dalhberg & Anderson
Dow, Howard M.
Gilligan, F. S. & Co., 250 Main
†Kinney, T. J., 24 E Elm
Lynah, Daniel & Co.
McCabe, A. F., 65 Main
WATERMAN, C. H., 753 N Main
Wells, W. H.

BROOKLINE—Connor, F. B., 44 Stanton
Crosby, Edwin F., 211 Wash'n
Keegan, Jno., Monmouth st
†Kenrick Bros., 214 Wash'n
Lunney, Chas. A., 227 Wash'n
McMahan, Frank H., 178 Wash'n
Mahon, Thos., 192 Wash'n
Muldowney, F. F., c Walnut & High
Murray, H. J. & Co., 266 Wash'n
Nettles, Stephen
Paine Bros., 3 Harvard sq
Small, F. A.

CAMBRIDGE—Balcom, A. W., 850 Main
Baumeister, Augustus, 5 Brattle
Brock Bros.
†Brock & Eaton, 1362 Mass. av
†Buckley, J. L. & Co., 27 Prospect
Clark, Ernest W., 1440 Mass. av
Dickson, Geo. F.
Fallon, C. A., 1200 Cambridge
Gage, Danl. W., 1896 Mass. av
Good, T. W., 27 Brattle

†Greene & Co., 723 Mass. av
†Haley, Wm., 1965 Mass. av
Hanna, Wm. J. & Son, 3 Blake
Hawkes, Levi, 623 Mass. av
†Higgins & Co., 702 Mass. av
Keefe, Danl. J., 130 Inman
†Long, John J., 255 Cambridge
Martin, Thos. F., 136 Cambridge
†Moore & Hadley, 8 Brattle
Moulton, Henry T., 823 Main
Moynahan & Co., 1233 Cambridge
†O'Leary, W. H., 87 Mt. Auburn
Phelan, J. T., 17 Brattle
†Ricker, Albert H., 14 Boylston
Rose, H. L., 13 River
Stevens, J. H. & Co., 694 Mass. av
Sweeney, Thos. C. & Co.

CAMBRIDGEPORT—(See Cambridge)
CAMPELLO—(See Brockton)
CANTON—†BEASLEY, GEO. H.
Gray, James E.
CHARLESTOWN—(See Boston)
CHELSEA—Buckley, Jos. W.
Burnett, W. & Co., 8 Wash'n
Cronin, J. J. & Co.
Davis, Samuel C.
Kent, H. & Son, 20 Wash'n av
Mann, A. K. & Co., 395 B'way
Moore, Jno. J., 63 Park
Oxten, Chas. F., 67 Park
Robertson, John & Co.
Ruggles, A. L. & Co.
Tucker, J. C. M., 721 B'way
Webber, C. E., 175½ Winnisimmet
CHICOPEE—Benn, G., 45 Cabot
†Ludden, C. A., 252 Exchange
CHICOPEE FALLS—Donnelly, Wm. E.
†ENRIGHT, P. J.
CLIFTONDALE—†Caswell, Geo. W.
CLINTON—†DORNEY, JNO. T., 30 Union
†Maitland, R. & Son, 218 High
Walker, W. H.
COHASSET—†Bates, Allen C. (Est. of)
COLERAIN—†MARCY, C. A.
CONCORD—Emmott, Geo. J.
CONCORD JUNCTION—Poor, F. E.
COTTAGE CITY—Chilgwin, Thos. H.
†Tripp, F. D.
DALTON—†Shedd & Messinger
DANVERS—†CASKIN & O'CONNELL
†Ropes, J. Edward & Co.
DEDHAM—Harris, Jno. H.
Sawyer & Dean
†Winn, E. J.
DUXBURY—†CAMPBELL, W. W.
EAST BRIDGEWATER—WEBBER GEO.M.
EAST CAMBRIDGE—(See Cambridge)
EAST DENNIS—Sears, F. H.
EASTHAMPTON—†Manchester, G. L.
†Newkirk & Thurston
†Owen, B. P.
Ryan, J. P.
EAST WEYMOUTH—Crehan, M. K.
EVERETT—Garvey, T. F.
Mullen, Jno. J.
Small & Co.
Torngren, Geo. C.
Woods, F. B.
FAIRHAVEN—DELANO, CLARENCE F.
Forrest, E. W.
FALL RIVER—†Bell, Wm., 1632 S Main
Benson, W. F., 1243 Pleasant
Brown, Wm. T., 13 Rock
†Burnham, C. H. Co., 88 4th
Chabot, Geo. E., 1460 Pleasant
Cleary, Michael, 304 2d
Coleman, T. J. & Co., 666 Davol
Dobson, Arthur R., 250 Bedford
Drake, W. H., 56 Marsh
†Durfee & Quinn Co., 896 Pleasant
Estes, W. H., 192 Bedford
†Fall River Steam & Gas Pipe Corpn., 197 Pleasant
†Flanagan, H. L., 480 Division
Fogwell, Richard E., 239 Warren
Foley, Wm. W., 23 Rodman
Gildard, J. H., 1359 S Main
Greene, Jno. C., 181 2d
Hicks, Eugene J., 383 Alden
Johnston, J. J. Co., 371 Central
Kennedy, Wm., 256 Poscasset
Lagasse, Henri, 82 8th
McGraw, James, 405 County
Mann, Thos. J., 732 Bedford
†Miller, Nathan, 211 Pocasset
Nichols, Jno. B., 334 3d
Peavey, J. F., 224 Elm
Porteous, Geo., 632 2d
Preston, Geo. H., 1150 Pleasant
Stetson & Lord, 914 Pleasant
Sullivan, Mark A., 416 Spring
Whalen, W. H. & J. F., 152 3d
Whitaker, Peter, 1432 S Main
Zundel, Abraham, 75 9th

FITCHBURG—Barr, Jas., 31 Lincoln
†Brownell & Mason, 159 Main
Farrar, Geo. W., 455 Main
Fitzgerald Bros., 17 Prichard
§Hart, P. J., 353 Main
†Jennison Plumbing Co., 119 Main
Ronan, Geo. & Co.
Shea, Danl. E.
Sullivan, Jno. H., 2 Granite
FOXBORO—†Purcell, A. J.
†Swift, E. B.
FRAMINGHAM—Baty, J. Howard
†Connor Bros.
FRANKLIN—†HOSIE BROS.
Hussey, J. F.
GARDNER—Carey, J. R.
Riordan, P. A.
GLOUCESTER—BOLGER & REGAN, 153 Main
Cole, Albert R., 55 Main
Smith, Jas. S., 59 Wash'n
†Smith, L. E. Co., 221 Main
GRAFTON—†Smith, S. F. & Son
GREAT BARRINGTON—Donohue & Co.
McManus, James
GREENFIELD—Corsiglia, Geo.
Hubbard, J. E.
Mason, Geo. W.
Pierce, M. R. & Peck
Wilcox, W. W.
GROTON—Blood, Geo. H. & Co.
Murphy, David E.
Walters, Frank T.
HAVERHILL—Bennett, W. C. & Co., 41 Emerson
Blake, C. M. & Co.
Goodrich & Collum
Haverhill House Heating Co., 80 Wash'n
Kavanaugh, W. J. & Co.
†Mills & McClintock, 22 Main
Owens, E. C. & Co., 24 Main, B. D.
†SAWYER & DEAN, 41 Locust
Sullivan, Jno. J., 117 Winter
Whitehouse, Edwin A., 49 Main, B. D.
HIGHLANDVILLE—Thomas, Henry
HINGHAM—Loring, Enos
†Rich & Marble
HOLYOKE—Cousineau, Alfred F., 530 S East
†Donnelly, P. J.
Friederich, E. H., 480 Main
Gavin & Moriarity
†Holyoke Valve & Hydrant Co.
Kearns, Michael J., 16 Spring
†Kilbride, Thos. F., 135 Main
Lyman, Chas. P.
†Manning, M. F.
†Sullivan, C. F. & Co., 21 Main
†Sullivan & Carmody, 171 High
Washington, A. G., 264 Hampden
HOPKINTON—Claflin, W. B. & Son
HOUSATONIC—Hasson, A. J.
HUDSON—†Clare, J. P. & Son
Glines, Grace L
Sweeney, Danl. F.
HULL—Sherriffs, Wm. E.
HYANNIS—†Bond Bros.
Bradford, M. G.
Phillips, Henry G.
HYDE PARK—†Bolles, Jas. G., 53 Fairmount av
Dolan, Thos. J.
Durant, W. L. & Co.
Fall, J. B., 24 Station
†Gleason, F. W. & Co., 52 Fairmount av
Linton, A. H. & Co.
Smalling, W. E., 49 W River
IPSWICH—Dunnels, J. M.
Plouff, A. H.
KINGSTON—Clarke, Geo. H.
†Myrick, W. H.
LAWRENCE—Banville, P. W.
Barr, J. E., 96 Amesbury
Blanchette, Wilfrid
Condon, T. F., 401 Common
Coombs, Chas. W., 123 Essex
Cusack, Wm. C.
Davey, Peter B., 8 Short
Dodson, Geo. W. & Co., 286 Essex
Donovan, Chas. A., 8 S B'way
Duggan, Jas. T.
†Forbes, Wm. & Sons, 450 Essex
Holt, Chas. L., 36 Berkley
Lynch, C. F., 415 Common
McCabe & Finzel
McCarthy & Reid, 69 Lawrence
Mitchell, B. F., 228 Common
†Riley Bros., 402 Essex
†Rutter, W. F. & Co., 40 Appleton
Slater John Co., 453 Essex
Smart, G. B., & Co., 61 Essex
†Sweeney, P. J., 564 Essex
Wood, Elijah, 438 B'way
Wurzbacher & Co., 21 Jackson
LEE—Hayes, M. H.
Smith & Hawks

LEICESTER—†ASHEY, J. P.
LENOX—†Bull, W. B.
Kirkwood, Jno.
†O'Brien, Richard
LEOMINSTER—Burrage, H. E. & Co.
Cook, Henry & Son
†Farnsworth, John B.
Smith Bros.
LEXINGTON—Burks, W. H.
Hooper, Forrest & Co.
LOWELL—†Barker, H. R. Mfg. Co., 158 to 170 Middle
Barry, John H., 498 Market
Caddell, James, 170 Market
†Carroll, E. J. & Co., 73 Middle
Costello, Thos. & Co., 212 Central
Desmarais, Edelmard S., 739 Aiken
Devlin, Wm. F., 380 Gorham
Drury, Jno. E.
Duncan, Jno. Jr., 438 Bridge
†Farrell & Conaton, 243 Dutton
Green, Geo. P.
Hanaford, Geo. G., 212 Chelmsford
†Hanchett & Co., 316 Middlesex
Lantz, Leonard A. & Co., 247 Market
†McLarney, Wm. & Co., 493 Middlesex
†Mather, Thos., 50 Middle
O'Malley, Geo. S.
Saunders, John J., 25 Tremont
†Scott & O'Day, 54 Appleton
Shea, Eugene A., 121 Fletcher
†Stewart, John W., 359 Bridge
†Sweeney, J. V. & Co., 144 Middlesex
Welch Bros., 143 Middle
Welch, Patrick W.
Wilder, H. H. & Co., 29 Market
†Wilson, D. H. & Co., 279 Dutton
LYNN—Barton, Tucker & Niles
Billings, E. B., 15 Silsbee
Brown, Warren F., 17 Central av
Connelly, Thos. F., 632½ Western av
†Curry, James H., 45 Andrew
Danforth, Walter H., 107 Essex
Gard, T. P. & Co., 257 Broad
Gorham L. E.,
Hannaford, Delia A., 749 Western av
Harnois, Ernest & Co., 39 Savoy
†Heath, H. W., 418 Wash'n
Hughes, Jas. R., 757 Western av
†May, L. A. & Co., 47 Central av
†Morgan, John F. & Son, 22 Andrew
Parker, Geo. C.
Perkins, Fred. L., 19 Buffum
†Pool, H. F., 5 Market
†Reardon, T. F., 29 Central av
Ryan & Littlefield
Stevens, Fred. B., 93 Market
Stoddard, G. F., 15 Mason
White, R. J., 10 Mulberry
MALDEN—Fredericks & Sullivan, Biltmore st
Kenny, F. P., 335 Highland av
McDonald, Jno. H.
Meyers, A. J. & Co., 8 Faulkner sq
Miller, W. J.
Powers, John A., 517 Salem
Taber, J. B. & Co.
Troland, Edwin, 58 Pleasant
†WEST, ALONZO A., 246 Pleasant
MANCHESTER—†Robertson, Robert Co.
MANSFIELD—†HAYHURST, ROBERT
MAPLEWOOD—(See Malden)
MARBLEHEAD—†Doane, E. C.
MARION—Patten, F. M.
MARLBORO—HALL, GEO. R. & CO., Lincoln st
†Hill, W. H., 114 Main
†O'Grady, C., 44 Main
MATTAPOISETT—Curtis, Addison
MAYNARD—†Holt, A. D.
Townsend, B. F.
MELROSE—Allmon Bros.
†BROCK BROS., 538 Main
†Burnett, Sarah E., 400 Main
McCurdy, Jno. E.
†Melrose Plbg. & Htg. Co.
MELROSE HIGHLANDS—†CURRY, R. H.
METHUEN—Dow & Tetler
†SANBORN FURNACE CO.
MIDDLEBORO—Baxter, M. W.
†Doane, J. & G. E.
†Pierce, T. W.
Rounseville, M. O.
†Walker, A. W.
MILFORD—†Cooney & Higgiston
Crofoot, Athlin S.
Norris, Staples & Gould
Willard, Hy.
MILLBURY—CUNNINGHAM, W. R. & SON
Mulhane, J. J. & Co.
MILLERS FALLS—Matherson, D. E.
MILLIS—La Croix, Edw.
MONSON—Leary, C. J.
Lyon, S. W. & Co.
NAHANT—SHAUGHNESSY, JAS. G.

NANTASKET—Hoyt, Frank J.
McDermott; Jos., Jr.
NANTUCKET—Ayers, Jno. K.
†Deacon, James Y.
Marden, Willard B.
NATICK—Fittz & Barker
NEEDHAM—†Buckley Bros.
Collins, T. C.
NEW BEDFORD—Allen, Geo. J. & Co.
Bolduc, Azarie
Clifton, J. W., 342 Purchase
Coggeshall, Maxfield & Co., 26 N 2d
Elliott, John D., 106 4th
Gardner, R. M. & Co.
†Gifford, T. J. & Co., 650 Cottage
Gregory, Edw. H.
Gregory, Thos.
Hamel, Flavien, 905 Acushnut av
Hargraves, J. H.
Hatch, Geo. E., 250 Purchase
Hayden, Wm. G.
Heilyer, J. G., 442 Purchase
Higgins, Edw. O., 356 Reed
James, Percy C.
Knowles, A., 635 Purchase
Lewis, Jos. S.
Mahoney, Jno. N., 959 County
O'Neil, John V.
Penney, Edw. F., 266 County
Perra, Jno., 594 Purchase
Ricketson, Orrin, 108 Potomgka
Ryan, Jno. H.
†Sherman, Jas. H., 2 S Water
Weeks, Herbert L., 61 High
†Wood, Brightman & Co., 53 N Water
NEWBURYPORT—Bradford, Pearl S.
Creeden, Bros.
Grover, Frank
White, Geo.
NEWTON—†**HEWITT & THOMAS, 247** Wash'n
Higgins, M. C., 344 Centre
†Wendell, F. A. Plumbing & Heating Co.
NEWTON CENTRE—Furden, Daniel J.
Sullivan, Jas. H.
†Thompson, G. W.
NEWTON HIGHLANDS—†Kieser, C. D.
NEWTON LOWER FALLS—Gammons, L. A.
NEWTON UPPER FALLS—Pentz, Geo. H.
†**TROWBRIDGE & ESTEBROOK**
NEWTONVILLE—Gately, Thos. F.
Kieser, Charles
†Orr, H. W. Co.
†Thompson, George E.
NORTH ABINGTON—Monehan, Edw.
NORTH ADAMS—Ford, A. T. Plbg. Co.
Hunter, A. W., 12 Bank
†Lucey Plumbing Co., 34 Holden
Secor, F. A.
†Stewart, E. C., 40 Jackson
†Tower & Porter, 34 Eagle
NORTHAMPTON—†Brewster, H. N. & Co., 2 South
Brownell & Dickinson
Day, L. F., Mrs.
†Lee, N. H., 40 Main
O'Conner & McGrath
†Riley, W. H. & Co., 193 Main
†Shumway & Riley
Smith, Clinton F.
Thompson, F. B., 34 Bates
NORTH ATTLEBORO—†**HALL, W. M.**
Shaw, E. B.
NORTH BROOKFIELD—†**DEYO, CHAS. H.**
NORTH CAMBRIDGE—(See Cambridge)
NORTH EASTON—†Kelley, E. E.
NORWOOD—Colburn, F. E.
Huntoon & Co.
ORANGE—†Hill, G. L.
†Train, E. W. & Co.
OSTERVILLE—†Hallett, G. W.
OXFORD—White, L. & Son
PALMER—†**HITCHCOCK, W. H.**
PEABODY—**COOMBS, E. W.**
Lord, Daniel B.
Lynch, Michael E.
Norton, Geo. R. & Co.
PITTSFIELD—Backus', W. G. Sons, 4 Bank row
†Bovett, D. W., 11 Melville
Cahill & Smith
†Hickey & Farrell, 70 Columbus av
†Noble, Johnson, Milne & Co., 35 Fenn
†O'Connell, Van Deusen & Co.
Sears, J. H. & Son
PLYMOUTH—†Bailey, H. P. & Bro.
†Harris, C. T. & Son
†Hathaway & Sampson
†Holmes, Chas. T.
†Weston, W. H. H.
QUINCY—Bradford, Wm. A.
†Bates, G. B. Heating & Plumbing Co., 22 Saville
Fratus, J. L. & Co., 213 Hancock
Hirtle, S. L.
Kenieley, J. E. & Co.
McCurdy, D. J. S.
Perry, Frank J.
†Quincy Plbg. & Htg. Co.
Sanborn & Darnon, 117 Hancock
RANDOLPH—McDonald, J. B.
READING—†**FIFE, T. C.**
†Hodgkins, Wm. H.
REVERE—Fraser Bros.
†Larcome, John F.
ROCKLAND—Burgess, C. W.
Hall & Torrey
Littlefield, John F.
ROCKPORT—†Smith, L. E.
†Thurston & Hale
SALEM—†Cabeen, John F., 295 Essex
Driscoll, B. J., 16 Dodge
Gould, Jas. N.
Herrick, F. W., 34 Norman
†Millea, Wm. H., 154 Washington
Norton, Geo.
Phippen, Chas. F., St. Peter
Sweeney, P. H., 82 Boston
Trow, J. H. & Co.
†Wendell, F. A. Plbg. & Heating Co., 79 Washington
SAUGUS—Allen, R. T. & Co.
SAXONVILLE—**Frost, D. O.**
SHELBURNE FALLS—†Knowlton, C. H. & C. L.
SOMERVILLE—Armstrong Bros., 106 Perkins
Bennett, F. W., 4 Webster av
Cahalan, C. W., 326 B'way
Connell, E., 148 Pearl
†Covell, H. W., 140 Perkins
Davlin, J. F., 10 Webster av
Doe, R. W., 351 Medford
Durrell, J. A., 309 Broadway
Gethin, F. W. & Co.
Hanson, Wm. J., 297 Somerville av
†Holmes, Wm. B., 317 B'way
Johnson, F. O., 368 Medford
Maynard, Geo. H., 166 School
Naughton, Thomas H., 302 Somerville av
Parsons, J. E., 71 Pearl
Short, M. C., 18 Holland, W. S.
Snow Plumbing & Furnace Co., 11 Holland, W. S.
SOUTH BRAINTREE—†Rogers, O. M.
SOUTHBRIDGE—†Winter, Geo. C.
SOUTH DEERFIELD—Arms, L. A.
SOUTH FRAMINGHAM—Bollig, F. E.
†Sawyer, H. L.
Scholl, Geo.
Sheldon, Jas.
Welch, Jas. P.
SOUTH HADLEY FALLS—Moriarity Bros.
SOUTH WEYMOUTH—Loud, M. R. & Co.
SPENCER—†Marsh, G. H.
†Pease, A. G. & Co.
SPRINGFIELD—Albe, Chas. A., 538 Union
Atwater, E. C. & Co., 21 Taylor
Bacon, Benj. G., 18 Walnut
Bates, E. G., 140 State
†Beebe, N. S. & Co., 19 Florida
Blood, Lucius M., 198 Main
†Casey, D. D., 209 Main
†Central Construction Co., 75 Dwight
Clapp, Z. C., 6 Symonds av
Clark, Leonard & Son, 104 State
†Clark, Simpson, 157 State
†Donahue Bros., 9 Pynchon
Handyside, Robt., 120 Worthington
Harrington, Mich'l J., 527 Main
Hawes & Gray
Healy, Jno. H., 15 Elm
Hyland, Wm. J., 104 Dwight
Kelly, Sam'l, 34 Sanford
Kennely, John W., 59 Ashley
Keough, M. J., 198 Chestnut
McClean, Geo. H., 21 Elm
Marvin, N. E., 67 Main
Montague, Dwight Billings, 278 Main
Moreton, R. J.
Moore, G. B., 100 Dwight
Mullen, P. J.
†Munsell, E. W. & Co., 654 Main
Neylon Bros., 521 Main
†Oliver & Howland Co., of Springfield, Mass., 33 Taylor
†Porter, E. M. Co., 180 State
Pratt, A. J., 784 State
Ryan, Thos. J., 13 Market
†Selvey-Wyckoff Co., 35 Lyman
Shine, Jno. I., 385 Bay
Smith & Cotter, 140 Dwight
†Wilson, R. & Son, 34 Dwight
STOCKBRIDGE—Parsons, H. B.
†Van Deusen, Mrs. J. M.
STONEHAM—†Houghton, C. W.
STOUGHTON—†Burrell, H. G.
†Deacon, Daniel
Gray, W. A.
TAUNTON—Bicknell, F. P., 238 Somerset
Chick, F. H., 64 Cohannet
Cotter Bros.
†McGlynn, A. & Co., 113 Bay
McMahon, Jas. E., 20 Leonard ct
†Maher, W. T. & Co.
Munroe Plumbing Co., 26 Cohannet
†Park, Wm. R. & Son, 19 Court
Perra Bros., 24 School
†Whitmarsh, Irving F., 64 Weir
Wordell Plumbing Co., 46 Weir
TOPSFIELD—Richardson, A. B.
TURNER'S FALLS—Ward, M. A.
UXBRIDGE—†Farnum, H. S.
WAKEFIELD—†Taggert, David, 123 Albion
†**TAYLOR, G. H., 450 Main**
WALNUT HILL—(See Dedham)
WALPOLE—†Spear, H. A., Jr.
WALTHAM—Cullen, T. W. Co.
Hanniffy, J. L., 715 Main
†Kirwin, F. H., 586 Main
McDonald, W. L.
†Taylor & Percival, 154 Moody
WARE—Dunham, W. S.
†Harrington, Robert G.
†**MARSH BROS.**
Moriarity, D. J.
Moriarity, J. E.
WAREHAM—†Humphrey, Albert
Huxtable, Jno.
WARREN—Maxim, J. W.
WATERTOWN—Burke, Jno.
Keefe, David F.
†Wishart, Maud L.
WEBSTER—†**BATES, A. J. & SON**
†Hawkinson, Nelson
†Rosebrooks & Cummings
WELLESLEY—†**PORTER, F. H.**
WELLESLEY HILLS—†Kinlin, T. B.
WELLFLEET—Atwood, S. & Co.
WEST ACTON—(See Acton)
WESTBORO—†Frazer, G. A.
†Frost, C. B.
†Woodman, G. H. & Co.
WESTFIELD—†Diehl, C. H., 102 West
†Hood, D. L., 47 Main
Keefe, L. L., 18 Arnold
†Moseley, A. C., Pleasant st
Noble, L. E. & Co., 73 Elm
WEST GARDNER—(See Gardner)
WEST NEWTON—Bryson, Thos. L.
BURGESS, F. T.
†Carley, C. G.
†Cushman, John T.
†Fiske, A. F. & Co.
French, W. H.
Haynes, E. S.
Priest, J. H.
WEST SPRINGFIELD—Jaques, R. W.
WEST STOCKBRIDGE—Bartlett, W. W.
†Sprague, C. W.
WEYMOUTH—Bates, Louis F.
WHITMAN—**GOODWIN & CO.**
†Washburn & Davie
WILLIAMSTOWN—Locke Bros.
†Sherman, B. H.
WINCHENDON—Bateman, A. P. & Son
WINCHESTER—Davidson, G. T. & Co.
Dunnell, Jas. A.
†Laraway, Jonas A. & Co.
†Pratt, Geo. E. & Co., Lyceum bldg.
WINTHROP—Grimes, Michael
†McNeil Bros.
Richardson, A. W. & Co.
WOBURN—†Parker, Edw. E.
Shaw & Campbell
Stretton, Wm. G., 22 Montevale av
WOLLASTON—(See Quincy)
WORCESTER—Allen, C. F., 161 Main
Briden, F. J., 40 Waldo
Burke, Wm. T., 92 Winter
†Cahill, Jeremiah T. & Sons, 18 Pleasant
Campbell, Chas. R., 5 Norwich
Crean, John J., S. Harding st
Daly, Jos. A., 2 Keese
Deady, N. F. Plumbing Co., 503 Main
Deedy, John F., 98 Maywood
Desper, Henry A., 194 Union
Dowd, Jas. F., 508 Millbury
Field & Fielder, 39 Pearl
Frazier, John F., 235 Pleasant
Gould, Geo. M. & Co., Main & Curtis
Greene, J. W., 20 Lincoln sq
Gustafson, John, 71 Thomas
Hagan, Peter J., 2 Elm
†Harrington, J. W., 30 Southbridge
Holmes, M. D. & Son, Salem sq
Huot, N. P. & Co., 11 Bartlett
†Jordan, J. W. Co., 609 Main
†Kendall, O. S. & Son, 564 Main
Kritcher, D., 81 Green
Lavin Bros., 29 Thomas
Lawrence, Wm. H., 1 Canal
Lee & Reed Co., 13 S Irving

McGrath, John J., 97 Foster
McGuinness, P. F., 35 Thomas
McLoughlin, A. A., 25 Exchange
McLoughlin, M. S. & Co., 1 Green
Maynard, Jno. E., 16 Waldo
Ostberg, Carl F., 1090 Main
Ostberg, Carl Wm., 343 Pleasant
Reynolds, Frank P., 672 Southbridge
Rldyard, A. A., 3 Chandler
Shaughnessy, Henry M. & Co., 15 Austin
Stowe, Lincoln H., 160 1-2 Chandler
Tucker, W. F., 64 Pleasant
Vickery, Geo. A. & Co., 1 Canal
Wright & Young, 543 Main
Young, P. J., 509 Main

MICHIGAN.

ADRIAN—ADRIAN GAS CO.
†Clauda, Meyer & Littleton
Krapf, Almon S.
Taylor Bros.
†Wilcox Hdw. Co.
ALBION—Conners, D. W.
Gale, E. C. & O. H.
ALLEGAN—†Phillips Bros.
ALPENA—†CAMPBELL, W. H.
†Eddy Bros.
ANN ARBOR—†Hochrein, Wm.
†Hutzel & Co.
Kenny & Quinlan
†Schneider, C. L.
Schneider, E. L.
Schneider, Wm. R.
†Schuh, J. F.
BATTLE CREEK—†Bock, C. F. & Son
†Galloup, J. O., 41 E Main
McElwee, Chas. F.
Peterson, Jno. G., 31 Wash'n av, N.
†Stevens, Bert B.
BAY CITY—Burge, Geo. H., 819 N Water
†Finn, Fred'k C.
McIntosh & Rosenthal
†Smith, T. E., 601 Harrison
Styninger, J. A., 915 N Water
†Sullivan Plumbing & Steam Heating Co.
†Walther, Adolphus & Sons, 616 N Water
Whitney, Wm. E., 215 5th av
†Young, John, 108 Centre av
BELLEVILLE—†Cady & Forbes
BENTON HARBOR—Brammall, Edw.
English, Israel
Hall, B. L. Co.
Hill, Richard
Kenney, E. A.
BIG RAPIDS—Anderson, Theo.
†Pierce, Edgar
BIRMINGHAM—Hilliard, Wm.
BROOKLYN—Aylesworth, Julian C.
CADILLAC—Eagle, E. C.
CALUMET—Bennett, Jno.
†Carlton Hdw. Co.
†Keckonen Hdw. Co.
Smith, Jno. F. D.
CASSOPOLIS—Fisher, J. W.
Hayden, W. B. & Son
CEDAR SPRING—Beucus, John
CHARLEVOIX—Ackert, Jno. M.
†Charlevoix Hardware Co.
†Washburn, O. S. & Son
CHARLOTTE—Munger, J. W. & Son
Spencer, R. S.
Vickery & White
CHEBOYGAN—**CUENY, J. E. & BRO.**
Post, J. J. Hdw. Co.
COLDWATER—Cecil, Thomas
Cogshall, Chas. D.
†Mansell, Edwin
DETROIT—Andre, Peter B., 45 Mitchell av
Badour, C. A., 556 Jefferson av
Barbier, A. W., 206 Riopelle
Barzen, Jos., 236 Clinton av
Berry, Franklin, 1276 Fort, W.
Bertling, Carl, 429 26th
Blackwood, Wm., 1510 Woodward av
Bliska, Rudolph H., 332 Dix av
Blum, Wm. G., 672 St. Antoine
Blum, William T., 672 St. Antoine
Bockheim, Jno. A., 156 High, E
Bolt, William I., 1191 Jefferson av
Boosey, Norman, 172 Griswold
Bowes, Francis J., 305 St. Aubin av
Brown, Howard, 795 Fort av
Burau, Paul, 690 Gratiot av
Burton, Wm. G., 339 Kercheval av
Calnon, Danl. L., 405 Baker
Cameron, James & Son, 324 Grand River av
Cameron, John, 76 Bates
Carr, Albert J., 329 1-2 Jefferson av
Chalmers, John C., 405 Merrick av
Chateau Bros., 732 Rivard
Chester, Anna, n s River, 3 w of Pleasant av
Cronin, Cornelius, Grosse Pointe Village
Crosson, John, 924 Grand River av
†Crumley, James H., 284 Woodward av
Cushing Bros., 321 Fischer av
Damerow, Herman O., 400 Hendricks
De Lisle, Sam'l J., n.e. cor Wash'n & Lawndale av, W
Detroit Plumbing & Heating Co., 91 Miami av
Detroit Shipbuilding Co. (Brass Dept.) (Marine, etc.), ft Orleans
†Dickson, Samuel, 78 Congress, E.
D'Hont, Victor, 23 Maple
Downey, John A., 176 Randolph
Drury, John W., 791 3d av
Dullea, Chas., 93 Bagley av
Durnan, Edgar, 268 Grand River av
Durocher, Arthur N., 561 Champlain
Duross & Weber, 1521 Jefferson av
Dust, Wm. T. Co., 32 Macomb
Ellis, John D., 91 Hale
English Bros., 285 Michigan av
Ennis, J. H., 35 Clifford
Ernst Bros., 414 Woodward av
Finn., Robt., 1076 Trumbull av
Finn, William M., 562 Greenwood av
Fischer & Kayser, 25 Jeff'n av
Gehrt, Frank, 745 Chene
Gelsler, Frank H., 1464 Fort av
Gibson, Robert J., 926 Grand River av
Glees, Jno., 817 Gratiot av
Goldberg, Jacob H. & Co., 236 Gratiot av
Gordon, Harry, 380 St. Antoine
Gourlay, Wm., Jr., 1475 Jefferson av
Graham, Samuel, Jr., 801 Mich. av
Gray & Addy, 2135 River
Guiney, Benjamin, 137 Larned, W.
Haas, Mich'l, 706 Champlain
Hafke, Max, 936 Gratiot av
Hamilton, Clinton L., 490 Grand River av
†Hamilton, John H., 22 Lafayette av
Handley, Jno. T., 126 Baltimore av, W.
Hassig, Arnold & Bro., 222 Jeff'n av
Helm, Otto H., 632 Monroe av
Hock, Henry, 527 W Grand boul
Hoffman Hdw. Co., 415 Gratiot av
Hunt & Roehrig, 622 Gratiot av
Hurst, Richard T., 104 Noble
Ilsley, Chas. W., 314 Canfield av, W.
†Irvine, Wm. G., 530 Monroe av
†Irvine & Waltensperger, 1167 Jefferson av
Joly, Geo. J., 607 Dix av
Jonas, Oscar, 580 McDougall av
Jones, John F., 1261 18th
Jones, John H., Jr., 241 24th
Kaelenbach, Jeter J., 627 Mich. av
Karle, Donat Co., Ltd., 405 Riopelle
Kenealy, John, Jr., 2 Harrison av
Kennedy, J. H., 217 Jefferson av
Kenney, Frank M., 940 Wabash av
Kimche, Philip, 241 Gratiot av
Klein, Chas., 312 Woodward av
Klein, Waidlich, 292 Gratiot av
Kramer, John G., 171 Monroe av
Kuschel, Jno. M., 96 Hunt
†Lane Bros., 232 Mich. av
Larkins, Thos. D., 150 Canfield av, E.
Leadbeater, Clarence, 447 15th
Le Clerc, August, 460 Beaubien
Lee, Joseph E., 374 Woodward av
Lenz, John A., 938 Gratiot av
Lewis, William, 908 Hastings
Lichtenberg, Phil H., 387 Brush
Look, Herman, 185 Macomb
McCarthy, John, 82 Bagley av
McDonald, Chas. H., 34 Beaman
McEuen, Peter, 607 Dix av
†McFadden, Wm., 304 Woodward av
McGinnis, John J., 142 Park
McHugh, Joseph A., 224 26th
McKerchey, J. M., 1153 Mich. av.
McLaughlin, John F., 305 Canfield av, W.
MacDonald, Hugh Co., 212 Griswold
Mahoney, John C., 775 14th av
Mahoney, Peter, 282 Mich. av
Martyn, John, 1365 Michigan av
Martz, F. J. & Co., 490 Gratiot av
Mead, L. C., 274 Selden av
Merbach, William G., 17 John R.
Miller, Chas. H., 114 Larned, W.
Mohr, Frank, 376 Dix av
Morgan, Frederick J., 436 Bagg
Morgan, Sherman H., 273 Jefferson av
†Mouat, John D. & Co., 50 Porter
Nagel, Herman T., 1226 Gratiot av
Nagle, Henry, 198 Mich. av
†Norris & Miller, 252 Randolph
Oakes, Ben, 773 6th
O'Connor Bros., 15 Jefferson av
Oldfield, Arthur J., 114 Myrtle
O'Neill, George M., 61 Duffield
Padelt, Oscar A., 327 Hendricks
†Partlan, James W., 56 Congress, E.
Payette, Fred'k J., 1449 Lafayette
Peckhams, Ralph P., 134 Stanton
Pfromm & Warren, 1192 Mich. av
Pickard & Pickard, 483 Grand River av
Powierski, Frank, 883 Russell
Quigley, Jas. D., 204 Brainard
Quigley, J. H., 184 Jos Campau av
Quigley, Wm., 534 Fort, W.
Reed, Chas. E., 239 Theodore
Reynolds, W. N., 195 Canfield av, E.
Rider, Edw. M., 10 Elizabeth, W.
†Rider, F. W. & Co., 231 Griswold
†Rodger, D. T., 267 Grand River av
Roney & L'Herault, 836 Fort, W.
Roraback, Edwin C., 2534 Harmon av
Ross & Wood, 176 Myrtle
Rutson, Alfred & Co., 124 St. Aubin av
Ryan, Edward J., 134 Grand River av
Schefferly, Frank A., 1364 Woodward av
Schneckenberger, Henry G., 602 St. Antoine
†Schneider Heating Co.
Schroeder, Ernest, 164 Grandy av
Schultz, Albert W. & Co., 815 Gratiot av
Schwarz Bros., 1282 Gratiot av
Seater, Jas., 750 Brooklyn av
Shapero, Herman, 215 Gratiot av
Shefferly, Frank A., 1364 Woodward av
Simpson, Jas. T., 718 8th
Simpson, John W., w. s. Newport av, n. of Jefferson av. F.
Smith, Walter A., 795 Fort, W.
Snyder, Arthur H., 367 Sheridan av
Solomon, Wm. F., 766 Oakland av
Somers, Arthur L., 576 Dix av
Springer & Cook, 275 St. Antoine
Steiner, Edw. P., 351 Fort, E.
Steiner, P. C. & Son, 104 Congress, E.
Stephen & Mason, 572 Baker
Stickels, C. A., 790 Lawton av
Stone Bros., 1476 Woodward av
Streufert, Henry O., 703 Mich. av.
Strudley, Fred'k C., 652 McClelan av
Sullivan, Benjamin, 144 Erskine
Surtman, John N., 347 Wabash av
Thierry, Lemuel P., 16 Columbia, E.
Thompson, E. F., 1117 3d av
Thomson, John L., 294 4th av
Tietze, Christian P., 558 Mack av
Titus, Otis M., 821 St. Antoine
Venn, Ernest, 777 Woodward av
Vorlauf, Edw. F., 191 Macomb
Walsh, Frank, 196 14th av
Walsh, Richard & Sons, 61 Wayne
Watkins & Radcliffe, 717 Woodward av
†Webster, Harrigan & Reid, 70 State
Welsh, John, 31 Charles
Wenzel, Ernst, 881 Gratiot av
†Wenzel, Paul, 1176 Gratiot av
Wesselhoff, Chas., 1637 Gratiot av
Wheeler, Chas. C., 44 Sibley
White & Fisher, 205 Mich. av
Wilkinson, Thomas J., 456 Champlain
Winter, Wm. W., 257 Milwaukee av, e.
Wouters, Henry J., 598 Chene
Wurm, Otto A., 83 Randolph
Young, W. E., 733 Woodward av
Youngblood, Peter J., 479 Gratiot av
†Zerga, Jacob, 78 Larned, W.
DOWAGIAC—Bishop, G. E. Hardware Co.
Sweet, Wm. E.
EAST JORDAN—†Malpass Bros.
EATON RAPIDS—Minnie & Bromeling
ELK RAPIDS—†ELK RAPIDS IRON CO.
ESCANABA—Hogan, Geo.
Norton Bros.
†Schemmel, Louis N.
FENTON—Curry, L. V.
HOFFMAN, F. J.
Hoffman, W. A.
FLAT ROCK—†Burden, Fred
FLINT—†Algoe & Miller
Henderson, Thos. J., Jr.
†Hubbard, George W. & Sons
McQuigg, George L.
Riggs, A. Arthur
Stapleton, Arthur A.
†Sterner, Edwin Co.
FRANKFORT—†UPTON, WM.
GLADWIN—Fraser & Button
GRAND HAVEN—†Johnston, H. W.
†O'Connell, James
GRAND RAPIDS—Bouma, H'y, 539 Cherry
Buob, Wm.
Decker, W. A., 7 E Bridge
Denison & Dykema, 684 Wealthy av
Dolan, B. J.
Hatch, F. G., 988 Hall
Heth & Hammer
Hunt & Youngs, 285 Jefferson av
Inglis Bros., 590 S Division
Lang, Jos. B.
†Macauley Bros., 157 Ottawa
Mercer, W. F., 75 Lyon
Muir Plumbing Co.

Powers & Stevens
Richards, Kuenneon & Co.
Robertson, Wm., 27 Fountain
Scheufler, C. A., 40 E Bridge
†Shriver, Fred'k, Sr., 118 Island
†Sproul & McGurrin, 39 S Division
Struhs, Frank
Thompson, Geo., 155 Monroe
Van Rossum Bros., 505 N Ottawa
†Weatherly & Pulte, 99 Pearl
Workman & Co.

GREENVILLE—Ockerman, W. M.
HANCOCK—†Funkey, John, Sr.
Hamilton, Edw. A.
†Kerredge, Wm.
†Quigley, C. P.
HARBOR BEACH—†Puddock & Lermont
HARBOR SPRINGS—Armstrong & Taylor
Taylor, Chas. W.
HASTINGS—†Goodyear Bros.
HILLSDALE—†**GARDNER, GEO. F.**
Hillsdale Hdw. Co.
HOLLAND—Standart, E. B.
HOUGHTON—†McDougall, Alex., Sr.
†PORTAGE LAKE HDW. CO.
Steller, Theo. A.
†Stoyle, Frederick
HOWELL—†**BENEDICT & RATZ**
†Jewitt, C. G.
Schroeder, F. P.
IONIA—†Breckon & Gable
Fedawa & Schaefer
Webber, H. B. & Co.
IRON MOUNTAIN—†Firme, Theo.
Overmeyer, Jno.
IRONWOOD—†Dear, Ernest
Evans, Wm.
ISHPEMING—Barney, Richard
†LAKE SUPERIOR STEAM HEATING Co.
JACKSON—†Avery Plumbing, Heating & Lighting Co.
†Mahoney, Jeremiah, 102 W Main
Smith Bros.
†Wirtz, C. P. & Co.
KALAMAZOO—Citizens' Plbg. & Heating Co.
†De Kam, Jacob, 145 S Burdick
†O'Neill, Jos. A., 312 W Main
†Radiker Plumbing Co., 110 Portage
Rix, Wilder P.
†Wheeler & Pitkin, 223 N Burdick
LANSING—†Armstrong, W. W., 120 Michigan av, E
†Fleming, James, 309 Wash'n, S
†Gaylord, R. S., 109 Allegan, E
†Gordon Plumbing Co., 208 Wash'n av, N
†GROSS, J. G., 309 Wash'n av, N
Palmer, Cyrus O.
Shields & Leadley, 308 Wash'n av, N
†Toolan, J., 330 Wash'n av, S
Toolan, Peter
LAPEER—Bennett & Stickney
LAURIUM—Jutrasch, Frank
†Laurium Hdw. Co.
Peninsula Heating & Plumbing Co.
LESLIE—Harris, Frank
LOWELL—†Carr, Porter
LUDINGTON—†**CASWELL, E. B.**
LYONS—†**HATCH & BAKER**
MANISTEE—Field, F. W.
†LLOYD & SMITH
Rosenfeld, Otto
†Varney, C. L.
MANTON—†Meyer Hdw. Co.
MARCELLUS—Bradt, C. J.
Gephard, B. F.
MARINE CITY—†**SCOTT BROS. & DELISLE**
†Wood, Jos. & Sons
†Zimmerman Bros.
MARQUETTE—Hopkins, P. L.
†Sink, E. J.
Stensrud, Herman
MARSHALL—Bentley, R. A.
Dowsett, Wm. J.
MENOMINEE—Robinson, F. & Co.
Woessner, A. J. & Co.
MIDLAND—Reardon Bros. Merc. Co.
MILFORD—†Tower, Fred E.
MONROE—Beyer, G. W.
MT. CLEMENS—Ferrin, Chas. S.
Hatzenbuhler & Cudworth
Jock, Eli
†Ulrich, R. C.
MT. PLEASANT—Coddington, H. W.
Randall & Seekell
MUSKEGON—Coyne, James
†Howden, John J. Co.
†Quinn Plumbing & Heating Co.
†Taylor Heating & Plumbing Co.
NASHVILLE—**GLASGOW, C. L.**
NEGAUNEE—†Richards, J. O.
NILES—Flynn, Thos.
Power, E. H.
NORTHVILLE—†Carpenter & Huff
Elliott, J. N.
ONTONAGON—Emmons, C. H.
OVID—†Marshall, Frank A.
OWOSSO—Willson & Son
PAW PAW—†Waters, H. C. & Co.
PENTWATER—Lewis, Chas. F.
PETOSKEY—**BRACKET HDW. CO.**
Bump & McCabe
Ditto, Chas. J.
†Middledich, Philip
†Raynolds & Bain
Whittemore, L. M.
PLYMOUTH—**CONNOR HDW. CO.**
PONTIAC—Beattie & Tobin
Goebel, Frank J.
†HALLETT, E. J.
Holser, L. J.
Todd, Robt. H.
PORT HURON—Abernethy & Luz
Bonner, Hugh
Busby, Charles E.
Dole, George M.
Drought, G. & Co.
Gibson, Wm.
North, Geo.
†Richardson, Baker & Co.
Watson Bros.
PORTLAND—†Culver, W. P.
Ferguson, R. L.
QUINCY—Bishop, I. L.
Ganong, J. B.
RED JACKET—(See Calumet)
REED CITY—†Stoddard Bros.
†Witherell, M. N. & Co.
ROCHESTER—†**JACKSON & CO.**
Tienken & Case
ROMEO—McDowell, William C.
SAGINAW—Ahern, John, 123 N Jefferson, E S
Bridgeman, Miss Hattie L., 106 Genesee av, E S
†Brown Bros., 222 N Hamilton
Brown & McKenzie
Connon, James, 402 Germania av, E S
†Eureka Heating & Ventilating Co., 104 Genesee av
Ford, T. H., 225 N Niagara, W S
Heginbottom, S. H., 110 Germania av
Johnson, John H. & Co., 215 S Wash'n av
Rabe, Jos. B.
Richter, W. C., 218 S Hamilton
†Scott, E. E., 123 N Franklin, E S
Stein & Block
Taub, Herman L., 1151 Genesee av
ST. CLAIR—Hart, E. S. & Co.
†Solis, George C.
ST. JOHNS—Corbit, J. H.
†Fowler & Ball
†Spaulding & Co.
Williams, Jacob J.
ST. JOSEPH—City Plbg. Co.
Duncan, Jno. F.
Grimes, A. D.
Hone, W. H.
†Platt, E. F.
†Reich, Adolph
SAULT STE. MARIE—Barton Bros.
†Chippewa Hardware Co.
†Logan, T. E.
McGuire, Peter
McKay & Beckingham
†SOO HARDWARE CO.
SHELBY—McKinnon, A. R.
Rankin, A. J.
Sargent, M. J.
SOUTH HAVEN—Cowles, Irving
†Newcome, W. J. & W. A.
STURGIS—†Feek, H. H.
TECUMSEH—Ingersoll, J. M.
†SATTERTHWAITE BROS.
Whitenack, D. L. & Co.
THREE RIVERS—†**GRIFFITH, JOHN**
TRAVERSE CITY—Arms & Cole
Hannah & Lay Mercantile Co.
TRENTON—Campbell, Loren
VASSAR—Brett & Beach
†Sanford, R. M.
WALDRON—Gish, Charles M.
WEST BAY CITY—Phippen, Geo. F., 502 E Midland
WHITE CLOUD—†Anderson, A. L.
WYANDOTTE—†Gartner Hardware Co.
Karth, Frank A.
YPSILANTI—Burke Bros.
Emerick, Eugene K.
†Harding & Shaffer
†Webb & Lowell
†Willis, M. A.

MINNESOTA.

ADRIAN—Sands, C. A.
ALBERT LEA—†Geissler Plbg. & Htg. Co.
ALEXANDRIA—†La Hatt, S. C.
†Renner, J. M.
AUSTIN—Peaslee, A. E.
BRAINERD—Murphy, F. J.
BRECKENRIDGE—Breckenridge Plumbing & Heating Co.
CLOQUET—†Fish, L. A. & Co.
CROOKSTON—†Crookston Plumbing Co.
DULUTH—†American Heating Co., 228 W Michigan
†Black, D. R. Co., 20 3d av, W.
Crosby, M. F., 315 W Mich.
†Duluth Plumbing Co., 307 W Michigan
Erickson, Gus, 1925 W Michigan
†Farrell-Turnbull Co., 125 E Superior
Gazette, H., 215 E Superior
†Harker, A. J., 407 E 4th
†Harvey, C. W. & Co., 228 1-2 W 1st
†Marquardt, W. & Co., 1908 W Superior
Moore, R. Plumbing Co., 1732 W Michigan
Munroe, Daniel, 727 E Superior
†Waugh, Kealy & Co., 321 W 1st av
†Wicks, W. E., 121 2d av, W
Zenith Plumbing Co., 13 N 1st av, E.
FAIRMOUNT—†Houghtaling & Coult
FARIBAULT—Gallagher, P. J.
Hatch, A. M.
FERGUS FALLS—†**ADAMSON, JNO.**
†Frankoviz, M.
HARMONY—Kidder, E. F.
HUTCHINSON—Hughes, Jas. F.
JACKSON—Gruhlke & Gerlach
Tuttle, W. W.
JANESVILLE—Schafer, C. H.
LAKE CITY—Jordan, L. E.
LAMBERTON—Clark, A. M. & Sons
LITCHFIELD—Miller, W. H.
LITTLE FALLS—†Jones, W. B.
Schroeder, George
LUVERNE—Greene, W. E. E.
Jones, W. A.
MANKATO—McGraw, P. H.
McLaurin & Northrop
Masters, Chas. M.
†Wickersham, E. C.
MINNEAPOLIS—†Archambo Heating Co., 317 5th av. S.
†Archambo Heating & Plumbing Co., 317 S 5th av
Bayley, W. S., 3448 Nicolet av
Bjorkman Bros., 712 S 10th
Black, Allan & Co., 518 2d av, S
Black, R. C., 1708 Clinton
Blethen, O. A. & Co., 250 Plymouth av
Broadbent, R. H., 916 S 6th
Burg, F. J., 721 3d av, S.
Cody Plumbing Co., 109 Central av
Colliton, E. A., 121 E Lake
Corrie, Fred'k C., 2825 E Lake
Courtney, J. P. & Co., 515 2d av, S.
†Craigo, Baker Co., 212 S 4th
Deschane, E. E., 955 18 1-2 av, N. E.
Fay, J. C., 707 Hennepi nav
Fischer, Henry, 324 20th av, N.
†Foster, J. R., 507 S 4th
Gedeborg, Wm. P., 2918 17th av, S.
Gelwicks, S. E., 3430 Stevens av
George, Arthur A., 506 W Lake
Gleason & Valencour, 2108 4th av, S.
Goetzenberger, Edw., 506 W Lake
Green, J. R., 1706 Franklin av, E.
Griffin, J. F., 536 Irving av, N
Harvey, Alfred, 2724 2d av, S.
Hengler, John, 1930 4th av, S
Hineline & Co., 211 S 5th
Hobart & Willis, 826 Hennepin av
Hoffenbroedell, L. V., 2338 Central av
Hoskins, C. P., 100 E 26th
Hoy, P. H., 424 Central av
Hunter, Samuel, Jr., 607 Hennepin av
Island Plumbing Co., 39 Central av
Jimerson, H. W., 3527 Nicollet av
Johnson, O. G., 1308 Franklin av, E
Johnston, J. P., Chicago av c 15th
Keating, James, 623 6th av, N
Keating & Scully, 306 S 3d
Kelly, G. A., 256 2d av, S
†Kelly, H. & Co., 229 S 3d
†Kelly & Lamb Heating & Plumbing Co., 313 3d av. S
Kelvie, Stimmler & Nettum, 409 Plymouth av
Kieferstein & Dulkin, 418 Wash'n av, N
Krenzke, T. A., 26 W Lake
Lahiff, J. E., 1412 14th av, N
Lang, F., Jr., 402 Plymouth av
Lange, T. F. & Co., 501 2d av, S
Larson, P. H., 726 11th av, S
†Lundell, Louis, 2014 3d av, N
Lussier, Speakman & Co., 1127 3d av, S

McGuire, J. H., 1421 S E 4th
McInerny & Burke, 215 S 7th
Minn. Plumbing Co., 1420 Nicollet av
Monahan, James J., 704 W Lake
Mooney, P. J., 3240 Colfax av, S
Morrison, J. T., 19 E 26th
†Murphy, Paul J., 313 Wash av, N
Nelson, B. H., 734 E Lake
Nelson, Wm. M., 2928 11th av, S
Northfield, Daniel E., 2503 Central av
O'Brien, John K., 2650 Bloomington av
O'Neil, M. J., 814 Nicollet av
Peterson, E. G., 1212 3d av, S
Peterson, E. J., 721 5th av, N
Rippe, R. F., 1319 N 5th
Rose, Wm., 3328 17th av, S
Rothacher, F. J., 1013 4th av, S
Sahler & Maurud, 313 Wash'n av, N
†Saxton & Phillips, 212 S 4th
Schuler & Nary, 312 Central av
Scott, A. W., 217 S 6th
Shaw & Co., 1210 Wash'n av, S
Sherin, Miles, 248 2d av, S
†Simpson, R. & Co., 613 Hennepin av
Smith, J. N. & Co., 613 1st av, S
Stepka, Frank, 302½ Central av
Stewart & Johnson, 414 2d av, S
Sweigert, J. P. & Co., 1806 Wash. av, N
†Tunstead Heating Co., 220 S 6th
Westman, L. H., 2522 13th av, S
Wilkins, Chas. & Co., 528 2d av, S
Worthingham & Co., 212 S 4th
Yost, F. J. & Co., 409 20th av, N
Zimmerman, A. & Co., 2108 4th av, S

MOORHEAD—Schwartz, Frank
MORA—McIlhargy, S. D.
NORTHFIELD—Meacham, H. C.
ORTONVILLE—Mika, C. B.
OWATONNA—†Clefton, C. J.
†Thompson & Roell Hardware Co.
PELICAN RAPIDS—†Gardner & Houg
RED WING—Doyle, James H.
†Hayes, James
Nelson, Peter
ROCHESTER—Baker & Hanson
Adler & Vihtasdt
Klinsman, H. J. Co.
†Stebbins & Co.
ROLLINGSTONE—†Schuh Bros.
ST. CLOUD—Doyle, O. F.
†Kreatz, F. E.
ST. PAUL—†Adamson, J. P., 370 Jackson
Bailey, John C., 187 E 6th
†Black, Allan Co., 144 E 6th
Bowe, H. W., 376 Dayton av
Chenery, R. J., 647 Selby av
Clark, T. J., 416 N Prior av
Connolly, F. J., 405 S Robert
Conroy, C. J., 347 Minn
†Davis Heating & Plumbing Co., 187 E 6th
Delaney, E. J., 950 Raymond av
Dempsey, George, 112 W 3d
Doyle, E. T., 48 W 4th
Doyle Bros., 518 St. Peter
Dunnigan, J. J., 107 8th
†Dwyer Plumbing & Heating Co., 30 E 6th
Feehan & Doyle, 263 W 7th
Ferguson, T. M., 362 Rice
Gerlach, J. F., 500 Rice
Hankee & Eha, 107 E 4th
Harrington, D. J. & Co., 12 W 9th
Hill, S. A., 211 W 5th
Holt & Dahlby, 820 Payne av
Hurley & Co., 392 Selby av
Hyland, J. D., 104 E 4th
Kees, George A., 260 E 7th
Krause, H., 159 W 5th
†McGeary, G. M., 156 E 3d
McGuiggan, G. P., 462 Jackson
McKee & Peter, 53 E 5th
McMahon, T. J., 780 Wabasha
McQuillan, A. E.
†McQuillan Bros., 391 Selby av
McQuillan, J. F., 670 Grand av
Nienaber, L. F., 283 E 7th
Olsen, Nels, 866 Payne av
People's Plumbing & Heating Co., 738 Selby av
Powers, F. B., 562 Jackson
Pothen, F. H., 353 W University av
†Prendergast Bros., 20 E 6th
Regelsberger, Geo. & Co.
Rugg, H. P. & Co., 398 Jackson
Sauber, M., 169 S Wabasha
Schiller, C. S., 103 E 5th
Schnaith Bros., 439 E 7th
Shea, John H., 414 Jackson
Sniker, John J., 298 Maria av
Webber, C. A., 253 W 3d

ST. PETER—†EVENSON BROS.
Potts, Al. J.

SAUK CENTRE—†Hillerud, G. & Co.
STILLWATER—†Butler, R. L.
Hemsch, Wm. J.
†Peaslie, M. M.
TWO HARBORS—†Erickson, L. R.
Haughsten, C.
Pastoret, P. G.
WILLMAR—†WIGGINS, J. H. CO.
WINONA—†CUNNINGHAM, J. V.
†Green, Thomas J.
Hengle, H. A.
Skeiten & Witt
†Toye, Michael

MISSISSIPPI.

BILOXI—Haas, Martin
Laska, J. O.
CLARKSDALE—Delta Hdw. Co.
COLUMBUS—Cady, T. J.
Hickey, Geo.
GREENVILLE—†Butler, F. J.
Greenville Plumbing Co.
GREENWOOD—Burns, H. A.
Phillips, T. J.
GULFPORT—Gulfport Plumbing & Tin Shop
JACKSON—Gaston, H. D.
Luderbach Plbg. Co.
MERIDIAN—Briggs, D. D. Plumbing Co.
Stafford, J. W. Co.
NATCHEZ—Mack & Holmes
MULVIHILL, P. W.
VICKSBURG—Andress, J. L.
†Bruser, W. H.
Mulligan, J. J.
Smith, J. B.
Waggener, C. P.
WATERVALLEY—Miller, J. K.
YAZOO CITY—Cummings, M. F.
Hamel, L. J.
Twellmyer, Geo. B.

MISSOURI.

ALBANY—Coffey, C. K.
BETHANY—Bethany Hdw. Co.
Cole, W. C.
BOONVILLE—†BOONVILLE WATER CO.
†Davidson, J. M.
Lieber, Jas. H. & Co.
BROOKFIELD—†Jenkins, W. H.
BRUNSWICK—Hopkins & Schrenck
BUTLER—†BENNETT-WHEELER MER. Co.
CAPE GIRARDEAU—Temple & Slavick
CARROLLTON—Rucker Bros.
CARTHAGE—Knudson Plumbing Co.
Spence, K. A.
†Wetherell & Co.
CARUTHERSVILLE—Seat, J. G. & Son
CHILLICOTHE—Stevens, B. B.
†Wheeler Plumbing & Heating Co.
CLAYTON—Maender, C. A.
CLINTON—Baum, Henry
Gearity, J. J.
†Haysler Hdw. Co.
Sherpy & Stone
COLUMBIA—Hornberger, W. W.
Walker, Wm.
DE SOTO—†CUNNINGHAM & HAMEL Mer. Co., 223 B'way
Slawson & Kingston, 222 S Main
FARMINGTON—Tucker, A. J.
FAYETTE—Bell Bros.
FULTON—†Berghauser Hdw. Co.
†Callaway Hdw. Co.
McKey, J. E.
GLASGOW—Blocher & Huber
HANNIBAL—Branham, T. H., Sr., 223 B'way
Lane & McNally
O'Hern, Jas.
HERMANN—Eberlin, Christ. & Son
Wohlt, Aug.
INDEPENDENCE—†Wait Plumbing Co.
Weitzell, J.
JEFFERSON CITY—Hess, C. E.
†Jefferson City Light, Heat & Power Co.
†Jefferson Heating Co.
JEFFREY, H. A. & CO.
JOPLIN—†COMERFORD, J. W.
Hamilton & Bro.
Joplin Sanitary Plumbing Co.
Schulte, H. B.
KANSAS CITY—Allison & Hudson, 1428 Walnut
†Ashdown & Little, 519 E 12th
Blake & Lincoln, 1125 E 12th
Blanchard, E. J., 1324 St. Louis av
Boquet, E. F., 2506 E 31st
Brickey & Smith, 1109 E 12th
Brinton Pump & Plumbing Co., 1310 Independence av
Carlson & Draper, 815 E 12th
Cathcart & Marvin, 919 B'way
Cavanaugh & Wagner, 1222 McGee
Connell, R. T. Plumbing & Heating Co., 1221 Grand av
Corcoran, W. H., 17 E Mo. av
†Cotter, McDonnell Plumbing & Heating Co., 1700 Main
Cotter-McKinley Plumbing & Heating Co., 923 E 12th
Cross, J. M., 706 Bank
†Cunningham Plumbing & Heating Co., 408 W 12th
Curley, Jno. T., 3251 Troost
Daly & Corbin, 611 E 31st
Davidson, Frank F., 810 E 12th
Dawson, R. L., 915 Wyandotte
Derby, Wm. J., 510 E 12th
Doherty, Ephraim, 18th s. w. c. Sherry
Dougherty, W. C., 617 Prospect
Dow, W. H. Co., 2122 E 31st
Enggas, M. C., 115 E 5th
†Farley Bros. Heating & Plumbing Co., 1409 E 12th
Felleman, H'y, 2310 E 15th
Felleman, Sam'l W., 1820 Kansas av
Galloway & Geiss, 1428 Main
Galvin, J. J., 303 W 12th
Gifford, B. F., 2402 E 15th
Gilchrist, T. B., 1805 Independence boul
Good, Walter & Son, 1204 E 24th
Gray, Alex. Plumbing & Heating Co., 113 E 10th
Hacker, Fred. Plbg. Co., 412 Main
Hanson & Wright, 116 E 9th
Hedrick, H. B., 10 E 13th
Holland, W. T., 2411 Chestnut
†Hornbrook, E. D., 1109 McGee
Hunter, Chas., 120 W 11th
Hutton Bros., 3813 E 15th
Jarvies, T. B., 214 W 11th
Joergens, M. H., 415 E 15th
Justus, D. E., 3512 Independence av
K. C. Tinning & Plumbing Co., 1315 E 15th
Kelly, C. F., 2602 Prospect
Knobelsdorf, R. E., 1315 E 15th
McKeighan, E. E., 2409 E 24th
MacMahon Co., 117 W 8th
Magee, R. S., 1447 Madison
Magill & Edelen, 907 Wyandotte
Mallon & Mallon, 1214 E 9th
Maloney, Timothy P., 711 Prospect
Miller & Haljerson, 317 W 9th
Newton, C. D. & B. M., 2840 Perry
Nicol, A. A. Heating & Plumbing Co., 7 E 13th
Pardee, H. R., 2606 E 26th
Pardee, J. V., 3938 Main
Preston Bros., 2519 E 18th
Richardson, J. H., 621 Independence av
Richardson, Wm. W., 208 W'port av
Scannell, M. W., 904 Troost
Schroeder, C. P., 1409 Main
Sharp, J. H. & Bro., 1220 Walnut
Sieben, H., 109 W 8th
Sivewright & Smith, 2401 E 12th
Sutter, O. J. & Co., 214 E 15th
†Terry, C. F. & Co., 112 W 10th
Thompson, C. E., 1019 Grand av
Walker, Thos. H. & Co., 1618 Main
Warmholz, Wm., 957 Mulberry
Watts, Thos. P., 920 Garfield
Welch, F. L., 1331 Walnut
Wiedenmann & Purcell, 414 W'port av
Wirthman, J. A., 1413 McGee
Wirthman, P. W., 1114 E 18th
Young, W. R. Plumbing Co., 2521 Campbell
Zorn, Chas. A., 219 E 15th

LEBANON—†Campbell, G. A.
Lebanon Hdw. Co.
LEXINGTON—LEITER, JNO. K.
LOUISIANA—Caldwell, J. W. & Bro.
Thomson, J. C. L.
MACON—†Norman, W. S.
MAITLAND—Hoblitzell & Pinkston
MARSHALL—†Garrett, Jas. H.
MARYVILLE—Grundy & Tindell
MOBERLY—Brooks, Jas.
Stauffer, P. & Co.
Tedford Plumbing Co.
MONETT—Tarbet, R. A.
NEOSHO—Moore, Wood
NEVADA—Evans, L. P. Plumbing Co.
†Fluke, D. E.
PALMYRA—Best Bros. Hdw. Co.
Nix & Berghofer
POPLAR BLUFF—Reynolds, Jesse
RICHMOND—White, John R. & Co.
ST. CHARLES—Heye, Thos.
Schulze, John
ST. JOSEPH—†Bristol, P. L. & Bro., 1018 Frederick av
†Byrne-Powers Plumbing Co., 418 Francis
†Donegan, M. J., 101 4th
Hale Bros. Plumbing Co., 428 Edmond
Horigan Supply Co., 209 S 4th

Krause, J. F. Plumbing Co., 813 Francis
Jackson, Martin W. Plumbing Co., 111 S 4th
†Rock, C. F. Plumbing & Heating Co., 823 Felix

ST. LOUIS—Abel & Gerhard Plumbing Co., 909 N 6th
Armbruster, Fredk., 3310 Laclede av
Barkhoefer, Aug., 1826 N 9th
Barkhoefer, Edw., 1828 N 9th
Bassett, A. & Bro., 810 N 4th
Bastion, Jos., 920 N 14th
Becker, P. & Co., 2305 Franklin av
Beinke, F. C., 4319 A Margaretta av
Bellm, Frank, 2229 Gravois av
Berwanger, Louis, 2503 S Jeff av
Bilsbarrow, Geo., 913 N Sarah
Black, Geo. H., 317 N 11th
Bleakney, Jesse A., 5005 St. Louis
Bloss, Ernst, 2644 Oregon av
Bluthardt, John G., 1403 Pine
Bond, Thos. F., 4382 N B'way
Bonroe, Theo., 212 N 10th
Bowdern & Grunewald, 1717 N 22d
Boyce, Arthur, 5809 St. Louis & Sub. Ry. Tracks
Brandt, Frank A., 3011 Olive
Breitt Bros., 113 N 11th
Bruce, Wm. L., 3337 N 11th
Burke, Wm. J., 1811 Pine
Callahan, P. H. & Co., 12 N 8th
Cantwell, Thos., 23 S Compton av
Carroll, Jas. P., 1214 N Jeffn av
Chard, W. A. & Co., 1120 N Vandeventer av
Charlton, Edw. J., 2423 Whittier
Cleary, A. H. Plumbing & Hdw. Co., 922 Belt av
Clooney, W. J., 819 N 7th
Coffey, F. J., 2618 N 14th
Collins' C., 609 Walnut
Collins, David J., 1008 N Vandeventer av
Condren, Chas., 3416 Park av
Conran, Isaac B., 7 S 9th
Corrigan, Jno. F., 2511a St. Louis av
Cotta, Bruno, 3227 Osage
Court, Thos. B., 2747 Arsenal
Coyne Bros. Plbg. Co., 4952 Easton av
Cradock, John M., 2406 N Grand av
Crancer, L. P. 904 High
Crane, Richard J. & Co., 1010 N Taylor av
†Crowley, James H., 5895 Delmar boul
Cummings, Wm. H., 1117 Biddle
Cuneo, L. J., 1019 Chestnut
Cunningham Bros., 2648 Lafayette av
Danner, Harry, 4225 Grove
Deis, Geo. J., 2406 Menard
Dempsey Bros., 2725 Lafayette av
Devereux, L. B., 4334 San Francisco av
Devine, John F., 8307 Vulcan
Dieckmann, Julius F., 3211 Meramec
Diestelhorst & Hoeffer, 4508 N 20th
Dillon, A. E., 2329 Gilmore
Dittmar, Chas., 2114½ S B'way
Dockery, Jos. B., 1013 S 11th
Dodge, C. H., 4672 St. Louis av
Doherty, Chas., 3339 Laclede av
Dougherty & O'Rourke, 1727 S Jefferson av
Doyle, P. J., 2729 Park av
Eckerle, Adam O., 1610 S 7th
Eckhardt, Geo., 714 Chouteau av
Edgeller, F. H., 5044 Wells av
Egan, Jas. E., 7206 S B'way
Eichmann, O. H., 1014 N B'way
Els, Jno. D., 3412 Montana
Erman, Wm. C., 3150 Easton av
Eschrich, A. J., 3516 Miami
Ettinger, Edwin, 3535 Easton av
Fassel, Jos. M., 1804 Geyer av
Fettig, A. F., 3413 Olive
Fink & Schuster Plumbing Co., 819 S 4th
Finnegan, Edw., 4248 Olive
Fitzgerald Plumbing Co., 3227 Franklin av
Fitzgerald & Glennon, 358 N Boyle av
Forbes, Jas. & Co., 1231 N B'way
Fox, Louis L., 408 S 23d
Freeman, Jos. P., 1006 N Garrison av
Frost, John, 15 N 10th
Gahl, Henry, 1004 Park av
Gallagher, Edw. J., 1010 N B'way
Gallagher, Jos., 915 1-2 Madison
Galagher, J. P., 4305 St. Louis av
Gardner, E. F., 406 N 10th
Gavan, Michael D., 4253 Swan av
Gillies, Peter, 214 S 12th
Gilmore, John, 1810 Lynch
Gilmore, Stephen, 1911 A Arsenal
Gilmore & Steimke, 2215 Pestalozzi
Gorman, Chas., 408 A Christian av
Graham, Thompson B., 6808 Manchester av
Grenzebach, John, 2002 1-2 Gravois av
Grenzebach, Wm., 2928 Wisconsin av
Griffin, Wm. B., 4963 St. Louis & Sub Tracks
Grylls, Thos. S., 1409 N Euclid av
Hagerbaumer, August, 1411 Monroe
Harrington, H'y F., 3625 Lucky
Harrington, Pat'k L., 608 Chouteau av
Hausdorf, Edw. A., 611 Russell av
Heckmann, Frank H., 2514 N 14th
Heil, August, 2903 S Jeff av
Heil & Co., 3747 S B'way
Hencke, Werner, 2335 S Grand av
Hennessy, Jno. B.,4611 Easton av
Hervers, O. B. & Bro., 2723 Lafayette av
†Hill, W. J., Jr., & Co., 4971 Easton av
Hirshstein, Jos., 4418 Easton av
Hoban & Strauss, 3551 Olive
Hoefener, Julius, 3611 N 25th
Hopper, R. G., 24 S 14th
Horan, Philip, 6 N 11th
Houser & Doerner Plumbing Co., 2623 S B'way
Huhn, Edw., 508 S 4th
Huonker, Chas. L., 2715 Chouteau av
Johnston, Wm. J., 3119 Clark av
Joyce & Foy, 13 S Vandeventer av
Kahn, Chas., 1708 Russell av
Kaiser, Robert, 4322 A Garfield av
Kaplan, Reuben, 1019 N 8th
Keane, Geo. F., 1420 Market
Keane, Jos. F., 1311 N Grand av
Kelly, Jas., 2314 Cass av
Kelly, John F., 4212 Page boul
Kelly, Wm. J., 3753 A Cote Brilliante av
Kennedy Plbg. So., 5303 St. Louis & Sub. Ry. Tracks
Kiel, Alfred L., 3218 Park av
Kilcullen, F. N., 1452 Cass av
Killoren, Thos. H., 2334 Market
Kilpatrick, H. T., 1109 Pine
Krage, Henry, 311 Lafayette av
Kuhns, W. H., 1704 Choteau av
Lambe, W. F. & Co., 804 Market
Latta, Rufus, 2750 Lafayette av
Lawler, P. R., 3229 Hickory
Lawless, T. P., 6032 Arthur av
Leary, John F., 1515 O'Fallon
Lennon, David P., 2602 Dickson
Life, Wm. P., 4226 Pleasant
Linek, Hy. W., 1835 S 12th
Lohoefner & Kiernan, 2300 Wash'n av
Longinotti Gas Fitting Co., 317 N 11th
Lorenzen Bros., 1209 S B'way
Lynam, Timothy M., 3424 Olive
Lynch, James A., 106 N 10th
Lyons, John, 212 Chestnut
McCann, Edw. I., 222 Locust
McCarthy, Jos., 2513 A St. Louis av
McComish, Edw. A., 4573 Easton av
McCormack, John F., 420 N Vandeventer av
McCormack, Wm. T., 4361 Papin
McCue, John J., 1057 Hodiamont av
McLundie, Edw. M., 5761 Easton av
McMahon, Jno., 709 St. Charles
McNamara, L., 5395 Eastern av
McNary Bros., 3311 Manchester av
McNary, Wm. F., 3307 Manchester av
Macdonald, Bruce, 3222 Olive
Mahaney, J. T., 907 N 17th
Marx & Neun Stove & Plumbing Co., 1800 S 11th
Maslin, Wm. E., 2249 S Grand av
Mayer, A. E., 2323 Chouteau av
Meier, F. W., 1617 S Jeff av
Meyer, Fred'k A., 3136 Cass av
Meyer, Geo. T. & Bro., 2603 1-2 Chouteau av
Meyer, H. J., 1018 Geyer av
Miles, Geo. P., 2838 Manchester av
Miller & Brockman, 214 Lucas av
Moore, Wm. J., 4051 Castleman av
Morris, Wm., 4236 Finney av
Mortimer, Wm., 1619 S B'way
Moynihan, C., 1918 Olive
Muehleisen & Milz, 4264 Manchester av
Mulherin, Jas. A., 4970 Delmar boul
Murphy, Pat'k J., 712 N 8th
National Plumbing Supply Co., 106 S 12th
Niemeier, Wm. H., 2907 McNair av
Norris & Co., 1009 Pine
O'Brien, Jos. F., 5240 N 20th
O'Connell, John J., 3967 B St. Ferdinand av
O'Keefe, Jno. J., 1807 N Garrison av
O'Leary, Jno., 3868 Easton av
O'Leary, W., 1623 N Leffingwell av
O'Neil, Chas. J., 2807 Wash'n
O'Rourke, Jos., 3127 Hickory
Ohlendorf, John C. & Co., 2007 Salisbury
Ost, P. Louis, 2844 Neosho
Peiffer, Wm. J., 4415 St. Louis av
Pepenbrook Bros., 1506 Chestnut
Peters, John M., 3023 Olive
Phillips Bros., 2832 Madison
Pottgen, Wm. H., 1700 S 10th
Priest, A. O., 2521 Marcus av
Purdy, David, 1138 N 20th
Quinn, E. P., 310 City Hall
Quinn, John, 1007 Morgan
Quinn & Smith, 4466 Delmar boul
Rabenneck, Albert, 1402 Cass av
Reardon, J. F., 4050 Olive
Regal Plumbing Co., 2018 Chouteau av
Reifeiss, Chas., 2347 S 7th
Reimers, Fredk. C., 1829 N 25th
Reisel, Edw. C. C., 4418 N B'way
Remmers, A. Vincent, 624 N Taylor av
Renz, Christian J., 2521 S B'way
Richmond, R. J., 2014 Cass av
Riechmann, Wm., 309 Market
Rieckus, A. J., 6819 S B'way
Ries, Jos. A., 2940 Manchester av
†Ring, P. C., 3841 Finney av
Roden, C. B., 5963 A Cote Brilliante av
Rodenheiser, Geo., 3412 Cal. av
Rosenbaum, P. Plumbing Co., 1121 Aubert av
Rosenblum, Edw., 816 N 9th
Rosenthal, E. C., 1854 Park av
Ruedi, Jacob, 2117 S 7th
Russell, R. A., Jr., 4399 Laclede av
Ryffel & Ratz, 3516 Easton av
Sanders & Schulte, 3511 N B'way
Sapin, A. D., 815 N 8th
Schaefer, Peter, 776 Bayard av
Schafler, Frank F., 1318 S 3d
Scheffer, Edw., 2847 S Jefferson av
Scheffer & Buder, 2310 Cherokee
Schindler, Roney, 6617 S B'way
Schleich, H. R., 1030 Park av
Schlottmann, H., 2605 1-2 N Jeff av
Schmitt, Danl. H., 4966 Easton av
Schmitt & Son, 5005 Delmar boul
Schoen, John Plumbing Co., 818 N 11th
Schoenemann, Edw., 3727 N B'way
†Schwehr, Wm. & Sons, 826 N 8th
Schwidde, Wm., 1900 E Grand av
Seibel, Neal C., 936 Goodfellow
Seibel, N. J., Jr., 6119 Easton av
Sheehan, Jeremiah, 1012 Locust
Sheehan, T. J., 4253 Olive
Shelley Bros., 3176 Easton av
Siegel, A. Sons, 313 N 11th
Simmons, F. N., 2106 Market
Smith, Bernard P., 1431 Franklin av
Soles, Arthur, 2515 Goode av
Sorns, Valentine, 210 Walnut
Stahl, W. G., 4398 Chouteau av
Starck, Chas. F., 4707 A Labadie av
Starck, C. F. Plumbing Co., 4702 Easton av
Steber, H'y A., 631 S 4th
Stein, Wm. F., 1027 O'Fallon
Steiniger, Wm., 1916 Park av
Stevens, Jacob & Son, 2708 A Keokuk
Stidger, Jas. A., 2804 N Euclid av
Stuckenberg, John F., 1808 Sidney
Taaffe, Martin, 1811 Cass av
Tacke & Rochow, 6909 1-2 S B'way
Taylor, M. H., 4523 McKinley av
Thierry, Edw. & Co., 217 S 14th
Thornhill, Frank A., 1422 N Jefferson av
Tighe, Jas. F., 4240 Olive
Townsend, Henry, 4209 Easton av
Tuffy, M. J., 8 N 10th
Tuffy, Thomas, 19 N 9th
Tumalty, Jos. F., 18 S 8th
Tyler, W. J., 5741 Easton av
Valenta, Jos. J. & Bro., 1429 Chestnut
Vierheller, Geo. W., 4223 Cozens av
Vogelsang, Benj., 1327 Carr
Vollmer, Wm. F., 3926 N 20th
Walsh, J. E., 4975 Easton av
Walther, Chas. F., Jr., 3534 S B'way
Weber, Bernhard L., 2215 Osage
Werner, Geo., 614 S B'way
Werner, Geo., 2841 Montgomery
Werner, Oscar, 4815 Easton av
Werner, Otto, 2208 Cherokee
Wetzel, G. O., 1113 Chestnut
Whelan, Patk. J., 720 N Spring av
Whitney Plumbing Co., 3510 Penrose
Wieck, Theo. J., 1409 Salisbury
Wilke, J. A., 2501 N 9th
Wilke, O. L., 2808 N 15th
Wilson, Ernest, 1935 Franklin av
Witler, Edw., 1006 Old Manchester rd
Woodlock, J. F., 3512 St. Louis av
Wuest, Mich'l, Jr., 3824 S B'way
Yaeger, H. C., 1915 Franklin av
Zausch, Edw. C., 4121 Easton av
Zertanna, Alex. A., 504 N Channing av
Zimmermann, Frank, 2918 N B'way

SEDALIA—Boland, Wm.
†GRAY & SUTER
†Ilgenfritz Hardware Co.
Watkins, J. T.

SLATER—Hawkins, J. B.

SPRINGFIELD—Armstrong, Thos. & Co., 301 E Commercial
COOPER BROS., 414 South
Schneider, J. W., 217 W Walnut
Schuerer & Son, 425 E Commercial
†Springfield Plumbing Co., 302 Boonville
Standard Plumbing Co., 308 South

TRENTON—†SHINE, JOHN

UNIONVILLE—Skinner, N. L.
WARRENSBURG—Stilwell, M. F.
WEBB CITY—Spriggs, E. B.
WELLSTON—(See St. Louis)
WEST PLAINS—McFarland, J. H.

MONTANA.

ANACONDA—†**ANACONDA COPPER MINING CO.**
Hasley, J. A.
Ulrich Plumbing Co.
BILLINGS—Aitchison & Beeman
BOZEMAN—†Bozeman Plbg. & Htg. Co.
Telenzer, Emil
Krueger, Louis
Lundwall, Chas.
†McCay, H. B.
BUTTE—†Butte Plumbing Co.
Dorhoffer, F. J.
†Eschle Plumbing & Heating Co., 51 E B'way
†Forbes, R. G.
Killeen, W. J., 21 W B'way
†Krueger, Isidor, 114 N Main
Walker, A. J.
Wright, Edwin
DEER LODGE—O'Neill Hardware & Plumbing Co.
DILLON—†Dart Hdw. Co.
†Dillon Heating & Plumbing Co.
GREAT FALLS—Great Falls Hardware Co.
†MURPHY-MACLAY HARDWARE CO.
HELENA—†**ADAMS HEATING & PLUMBING CO.**, Power Block
Cole, F. L.
Ferree, Calvin, 36 S Main
†King, Chas., 206 Rodney
†Sturrock, John, 103 E 6th av
KALISPELL—†**McINTOSH HARDWARE Co.**
Missoula Mercantile Co.
LIVINGSTON—Bisenius, J. P.
†Harker, Thos. A.
MISSOULA—Bonhart, Oscar
†Broadbent, Willis
Kennedy, J. W.
McBride, J. L.
†Missoula Mercantile Co.
RED LODGE—Root, Edwin C.

NEBRASKA.

ALLIANCE—Deroff, H. C.
BEATRICE—†Barclay, Frank W.
Pyle, A. C.
BOONE—Rhoades, G. C.
CHADRON—†**McNAIR, ROBERT**
COLUMBUS—†Dussell, A. & Son
DAVID CITY—†Zellinger Bros.
FAIRBURY—Gibsen & Moore
FREMONT—**ANDREWS, J. W.**
Brooks, W. F.
Pederson, M. A.
GENEVA—Mowry, D. C.
GLENWOOD—Rosch, G. T.
GRAND ISLAND—Grand Island Plumbing Co.
Porter & Kelley Plumbing Co.
†Postal, J. H.
†Upperman & Leiser, 116 S Pine
HASTINGS—Anson & Pratt
Rose, J. A.
†Rutherford, Adam
HAVELOCK—Hutchinson, J. E.
HOLDREDGE—Rugg, George H.
HOOPER—†**HEINE BROS.**
HUMPHREY—Mayberger, J. H.
KEARNEY—†**AYRES, W. K.**
Matson, N. P. & Co.
LINCOLN—†Cox & Phillips, 1332 O
Cultra, G. W., 134 S 12th
†Gaffey, H. H., 1206 O
†Korsmeyer Co., 215 S 11th
Kunkler, Chas., 1111 N
Meade Plumbing Co.
Miller, W. C., 1106 O
Mohr, H. J., 1020 N
†Myer, A. H., 225 S 11th
Pomerene, L. W. Co., 238 S 11th
Worsley, G. H., 1031 N
McCOOK—†Burgess, F. D.
MILLIGAN—†Krupicka, Frank
†Weaver, A. J.
NEBRASKA CITY—Aird, H. W.
†Maher, John T., 916 Central av
NORFOLK—Doughty, C. E.
Rembe, Louis L.
NORTH PLATTE—†Fillion, J.
Lemaster, Jno. W.
OMAHA—†Balfe, Thos. F., 1607 Howard
Baroch, Leo, 505 S 13th
Bellamy & Hornung, 1624 Capitol av
Cameron, Jas., 1110 Farnam
Casiday, O. L., 4036 Hamilton
Cattin, W. J., 910 N 24th
Coffey, J. F., 1935 S 12th
Daly, W. T., 701 S 16th
Dudgeon, D. W., 2910 Farnam
†Free & Wickersham, 502 S 18th
Grunwald, Schroeder & Co., 1214 Douglas
Hanighen, John J., 403 S 15th
Huber, Chas. F., 1301 Farnam
Jamieson, Adam, 1705 N 24th
Kessler, C. H., 2603 N 17th av
Krelle, Fred H., 317 1-2 S 12th
Kruger, H. H., 2812 Leavenworth
Kuehn & Co., 521 S 16th
†Kuehn & Manning, 521 S 16th
Lichtenberger, A. C., 2221 Cuming
McDermott, Peter J., 709 N 16th
McVea & Smith, 118 N 15th
Morris, Geo. J., 1512 N 40th
Morris Bros., 2918 Farnam
O'Neil, John A., 400 N 16th
Park, Margaret, 2922 Leavenworth
Rich & Falconer, 2517 N 20th
Robbins, J. W., 1802 Farnam
Robins, Jos., 2011 N 24th
†Rowe, John & Co., 423 S 15th
Stribling, John, 2708 Lake
†West, Jos., 1833 N 24th
Whelan, Wm. T., 621 N 16th
PAWNEE CITY—†Harrington Bros.
ST. PAUL—Rincker, F. W.
Steen, Theo. J.
SCHUYLER—†**BOHMAN, M. T.**
Davis, W. R.
SEWARD—Babson & Dickman Implement Co.
SOUTH OMAHA—Beck, G. E.
Briggs, Geo. W.
Offerman Bros.
†Parks, Johnson & Parks
SUPERIOR—Johnson Bros.
TECUMSEH—Chubbuck, Joe.
McDougal Bros.
TEKAMAH—Sherman, J. W.
WAYNE—Hood, F.
WEST POINT—Matthiesen, Wm.
Middaugh, C. R.
WOOD RIVER—†Diefendefer, J. H.
YORK—Chambers, W. J.

NEVADA.

CARSON—Kroeber, J. H. & Co.
Millard, A. J.
GOLD HILL—Bennett, J. B.
LOVELOCK—Piper & Zunini
RENO—Genesy, B. J.
Hamp & Simas
†Nevada Hdw. & Supply Co.
Savage, F. C.
Schmitt, E.

NEW HAMPSHIRE.

BERLIN—†Berlin Mills Co.
†Burbank, E. A.
BETHLEHEM—Nourse, Arthur W.
CLAREMONT—†Burns, Jno. W., Main
†Crossman, Fred S.
†Noyes, Edgar A., Tremont sq
CONCORD—Bateman & O'Brien
Clifford, M. E. & Co.
Harwood & Nichols
†Lee Bros. Co., 12 Pleasant
Milton, G. S. & Co.
Orr & Rolfe
†Randall, Edw. H., 166 N Main
Trask, Albert S.
DOVER—Baty, John, 46 Locust
†Doran, Hy. W.
†LITTLEFIELD, FRARY & CO., Washington
Scarr, Gerald A.
ENFIELD—†**FOGG, F. A.**
EPPING—Ladd, Jno. S.
EXETER—Young, Augustus
FARMINGTON—†Thayer, W. F.
FRANKLIN FALLS—Cherrier, Louis J.
†Judkins & Wallace
HANOVER—Ford, Elmer T.
HILLSBORO BRIDGE—†Newman, W. E.
KEARSAGE—Bunker, Frank
KEENE—Fitzgerald & Hevey
Huhhard, H. W.
†Pearson Bros.
†Rossman, G. M.
LACONIA—†Huse, Warren D. & Sons
McNamara, Thos. W.
LAKEPORT—Brown, Wm. H.
Dame, C. C.
†Stevens Bros.
LANCASTER—†Moore, L. F. (Est. of)
†Thompson Mfg. Co.
LEBANON—†Brown, H. H.
LISBON—Gowing & Chamberlain
†LYNCH & RICHARDSON
White, R. P.
MANCHESTER—Amlaw, A. A., 341 Pine
Bangs, Chas. S., 179 Manchester
Bartlett, O. F. & Co., Smyth blk
Beaumier, N. J., 391 Pike
Berry, David S.
Blood, F. W., Roofing Co., 397 Merrimack
Coleman, M. J., 374 Chestnut
Connor Bros., 49 Central
†Goodwin, Wm. E., 1172 Elm
Griffin, F. W., 540 Chestnut
Knoettner, Geo. & Co., 163 Douglas
†Lane, Thomas A. Co., 66 Hanover
Leighton, Frank D., 1222 Elm
McDonald, Chas. F., 24 Nashua
O'Brien, Martin
†Pike & Heald Co., 927 Elm
Raiche, Treffle & Co.
†Wolf, C. Louis, 48 S Main, W. M.
MEREDETH—Pynn, Gilbert
MILFORD—Powers, Geo. A.
Wilson, W. H.
NASHUA—†Avery, Chas. H. Co., 59 Factory
Bedard, Narcisse
Foley, T. F. & Co., 110 Allds
†Gay, A. E., 62 Main
†JACKMAN, C. B. & SON, 24 Cross
Kerr & Leazotte, 22 Railroad sq
†McDonald, H. R., 11 Factory
Marden, Chas., 89 Pearl
†Ray, Frank O. Co., 85 Pearl
†Voter, Chas. A. & Co., 4 W Hollis
PENACOOK—†Baty, Isaac
Quimby, Wm. B.
PETERBORO—Fish, Albert E.
†Nichols Bros.
PITTSFIELD—Foss & Csgood
PORTSMOUTH—†Chadwick, G. B. & Co.
Cole & Chadburn
†Pryor & Matthews, 16 Market
†Sweetser, J. P., 46 Market
†Wells, A. N., 55 Market
Wood, F. L., 26 Market
ROCHESTER—†Bailey, Chas. M.
Junkins, C. E.
†Holt, J. H.
SOMERSWORTH—Murphy, J. J.
Murray, Jas. W.
SUNCOOK—Morse, Chas. P. & Son
TILTON—Greenwood & Crockett
Smith & Smith
WARNER—Adams, Jno. F.
Sawyer, Orin A.
WEST DERBY—Jenkins, L. B. & Co.
WEST STEWARTSTOWN—Quimby, Chas. M.
WHITEFIELD—Bahr, E. L.
WINCHESTER—†Hutchins, Jno.
WOLFBORO—Swett, W. H.
WOODSVILLE—Woodsville Aqueduct Co.

NEW JERSEY.

ARLINGTON—†Ackerman, Chas., 442 Elm
Bray, Jas., Jr., 53 Sherman av, E N B
†Brodel & Metzger, 491 Elm
Danecke & Schieman, 153 Midland av
Lindblom, Emil, 381 Forest
MacArthur, Archibald, 19 Kearny av
ASBURY PARK—Brown, Ferdinand, 702 Summerfield av
†Crowell & Walton, 713 Mattison av
Hays & Co.
†Landis, Howard C., 614 Bangs av
†Leaver Plumbing Co., 606 Sewall av
Leonard, John, 43 S Main
Robinson, J. H. & Bro., 621 Cookman av
Turner, Geo., 631 Mattson av
ATLANTIC CITY—Albertsen & Young Co.
Bowker, Lewis G.
Brown & Calkin
Coley, B. D. Co.
Coogan Bros., 16 S Michigan av
†Currie Co., 1218 Atlantic av
†Devlan, C. A., 1530 Atlantic av
†Freeman, L. E., 1022 Atlantic av
Frey, Jacob J., 2439 Atlantic av
Gibson Co.

Hackney, H. W.
Hinkle, Mrs. C. A.
Jarman, Thos. J. & Son, 34 S New York av
Kelly, C. A.
Kirkbride, H. W., 819 Atlantic av
Lane Stephen Co.
McDevitt Bros. & Co.
McDevitt, Thos. D. & Co.
Mayhew, Edw. S.
Merriell, Edwin G.
Moore, J. H., 14 S Kentucky av
Rauffenbart, Walter E.
Seeley & Gaskell
Thompson, C. S.
Towhey, Michael H., 9 S Delaware av
Walsh, Frank
Worrel, Elwood C.

ATLANTIC HIGHLANDS—†Flitcroft, John S.
†Irwin, A. E.
Samuel & Sills
White, Conover E.

AVON-BY-THE-SEA—Lapine, Wm. J.
Reed, Samuel
Reese, Louis

BAYONNE—†Bannon, Jas. J.
Beck Bros.
Cadmus, A. V., Av D & 25th
Conroy, Thos. J.
Denton, Fred'k J., Av D & 28th
Devaney, J. J., 207 Av D
Devlin, Wm. C., 299 Av D
Gilbertson, Jno.
Gill, Andw. T.
Haskard, W. T., 9 W 8th
Higgins, Jno. L., 400 Av D
Higgins, W. F.
Hovel, Jas. C., 920 Av D
Hovel, John W.
†Knight & Burns
Oliver, W. C., 10 W 7th
†O'Neill, W. M. & E. S., 459 Av D

BELLEVILLE—Gilby, Alfred J.
Jacobson, W. E.

BELMAR—†**BRYAN, THOS. A., 8th av bel F**
†Haberstick, Samuel, N 9th av
Williams, T. H.

BELVIDERE—†**PERRY, D. & SONS**

BERNARDSVILLE—Buist, David
†Griffith, Chas. H.

BLOOMFIELD—†Ackerman, Edgar D., 316 Glenwood av
†Arthur & Stanford, 449 Bloomfield av
Cogan, Thos. F.
Griffith, E. B. & John E., 24 Osborn
Harvey, Mary B., 457 Bloomfield av
Hoyt, Charles E., 587 Bloomfield av
O'Brien, Frank L., 37 Willow
†Wissner, Frank, 673 Bloomfield av

BORDENTOWN—†Kafer, A. A.
Kafer, Louis J.

BOUND BROOK—Cline, A. B.
Williams, T. F.

BRIDGETON—Anderson, Martin Co.
Chapman, James
†CUSTER & RICHARDS
†Downing, John
†Grim, Joseph
Harper, Geo. W.
Taylor & Hepner

BURLINGTON—†GROVES, GEO. W.
†Larzalere, Frank
Lawrence, Eli, Jr.
Whomsley, Geo. C.

BUTLER—Harmon, John

CALDWELL—†HELLER, FRED'K L.
Leonard, C. E.
Pierson, F. W.

CAMDEN—Andreas, E. B. & Bro., 221 S 5th
Barry, George F., 208 Arch
Blowe, George B., 1020 S 8th
Brower, Chas. H., 29 Market
Bryan, J. T., 601 N 3d
Chamberlain, John W., 508 Pine
Connor, Edw. J., 1139 S 3d
Cramer, Clifford W., 11 Haddon av
Davis, Claude N., 1008 Newton av
Derrick, H. S., 558 Washington
Deihn, Jos. R., 330 N 36th
Doyle, Daniel J., 1102 Baring
Farrell, Harry J., 106 N Front
†Francis, Henry E., 322 Kaighn av
Hammell, H. B., 1738 B'way
Hammond, George F., 18 S 3d
Heppard, Alfred, 1135 S 4th
Hurley, Wm. L., 427 Federal
Hutchinson, Benj. H. B., 124 N 3d
Ingram, George, 709 Clinton
Jackson, Earl T., 1134 S Front
Jennings, Hy. J., 699 Central av
Johannes, Henry G., 57 N 2d
Kelly, Edward F., 421 Henry
Lafferty, Chas. S., 310 N 11th
Limroth, Ernest E., 427 Federal
†Lougheed, W. (Est), 411 Vine
McCarthy, James L., 315 Lawrence
Macintosh, Robert, 515 Federal
Milly, J. B. & Sons, 3214 Federal
†Moore, Charles M., 53 N 3d
Moore, T. C., 212 Bridge av
Mowery, John, 676 Ferry av
Muench, August E., 1986 Federal
Patton, J. Edw., 14 S 9th
Pepeta, John F., 1027 N 27th
Rudderow & Derrick, 120 Federal
Sigle, Calvin R., c 24th & Federal
Simpson, L. C., 820 B'way
Smith, A. J., 2631 Westfield av
Vanderslice, Harry E., 42 York
Walker, F. S., 828 Market
Walton, Jas. F., 2d cor Main
Walton, Thomas & Bro., 1110 S 4th
Zimmerman, Frank, Liberty cor Rose

CAPE MAY—Benckett, M. C. & Sons
†Curtis, B. S.

CARTERET—Spitz, Otto

CHATHAM—†**BROADWELL, MANNING C.**
Hall, E. A.
†Hynes, Julia M.

CLIFTON—†Marcy, Jos. E. & Co.

CLOSTER—Demarest, A. & Bro.
Stephens & Sherman

COLLINGSWOOD—Shaw, Chas. F.
Shinn, Chas. R.

COLUMBUS—Rockhill, B. F.

CRANFORD—Doyle, John

DEMAREST—Florence, Geo. W.

DOVER—Kerr, J. T. & Co.
O'Connell Bros.

DUNELLEN—Giles, Geo. F.
Kuldoshes, George

EAST ORANGE—Beel, Wilford, 37 Crawford
Black, J. S., 110 Main
†CAHILL & MILLS, 10 Wash'n pl
De Nourie, Herbert L., 20 Sterling
†Harrison & Walker, 341 Main
†Lang, Francis, 378 Main
Matherny, Andrew S., 256 Prospect
Metz, Chas. E., 91 Main
†Miller, F. W., 19 Prospect pl
†Mills & Brown, 143 Main
†Mooney Bros., 324 Main
Stretch & Trapper, 486 Main
Thorpe, J. A., 14th c Park av

EGG HARBOR CITY—†**SENN, EDWARD**

ELIZABETH—Bruchlacher Bros., 1165 Elizabeth
Byrnes, Pat'k W.
†Conrad, John F., 815 Elizabeth av
Dederick, James W., 33 1st
†Faulks, James H. Co., 1151 E. Jersey
Hagerty, E. F.
†Heald & Dravis, 20 Broad
Heuser, Frank
†Hoffman, L. A. & Son
†Hughes, Peter L.
Kleinhaus, Henry, 1217 E Grand
†Lounsberry, Chas. B., 278 Morris av
Mecabe, Louis C.
†Rath, Henry A. & Co., 1217 E Broad
Siess, Geo. F.
Smith, John J., 12 S Broad
Smith & Kelly
Smith & Walsh
Tipper, Chris. J.
Walsh, Wm. A., Jr., 218 2d

ELMER—Fithian, C. H.

ENGLEWOOD—†Alexander, Wm. H.
Baldwin, Chas. W.
Elmore, Mrs. Lillian E.
Griffin, James F.

FLEMINGTON—Hopewell, John B.

FORT LEE—Ghent, H. H.

FRANKLIN—(See Nutley)

FREEHOLD—Denise & Buck
†White, Alonzo

GERMAN VALLEY—Cleveland, Wm.
Hendershot, Chas. B.

GLOUCESTER CITY—Walsh, Michael

GUTTENBURG—**BARRETT, JAMES P.**, 144 Hern av
MacGuire, Wm. J., Bull's Ferry rd

HACKENSACK—**ACKERMAN, FRANK**, 172 Main
Ballagh, Robt.
†De Baun, Geo.
†Demerest, John H.
Hutchinson & Andrus
McGrath, Daniel
Pfigenmaier, John F., 257 Main
Van Orden, Chas.

HACKETTSTOWN—†Christian, Jay S.
†Drake, Wm. H.
†Osmun, E. M. & Son
†Salmon Heater & Mfg. Co.

HADDONFIELD—†Bennett & Dreyer
Fisele & Manning
†Pettibone, W. H.

HIGH BRIDGE—Latimer, Henry

HARRISON—(See Newark)

HIGHTSTOWN—Skillman, A. T.

HOBOKEN—Ahrens, John E., 72 Adams
Bach, Charles, 541 Bloomfield
Barton, E. G.
Breckwoldt Bros., 209 1st
Clark, Jas., 417 Newark
Coppers, George & Co., 220 Wash'n
Driesen, I. M., 40 2d
Hanley, T. J., 155 9th
Harloff, Aug. E., 153 2d
Hourigan, Jos. F., 63 8th
Jensen & Erickson, 313 Park
Kivlon Bros., 609 Wash'n
Kniffen, James H., 922 Wash'n
McGovern, Bernard, 211 14th
Marnell, Jas. A., Jr.
Pfugh, August T., 105 Adams
Salvator, Harry, 61 Newark
†Sinclair, Graham M., 106 4th
Vinten, Geo. W., 404 Bloomfield

IRVINGTON—†Boerger, Ernest
Meeker, Eugene
Paulus & Hevl
Van Ness, Harry

JERSEY CITY—Altz & Schmidhauser, 133 Cones
Anderson Bros. Co., 394 Grove
Andre, Wm. & Son, 120 Franklin
Baldwin, Michael, 73 Kearney av
Barclay, Wm. A., Jr., 314 Pacific av
Becker, Adolph E., 486 Jackson av
†Birkenstock, John G., 110 York
Blackshaw, James F., 218 Monticello av
Breher Bros., 357 Palisade av
Callary, John & Co., 549 Jersey av
Cambreleng, D. J., 119 West Side av
Chandlers, Robt. M., 79 Congress
Clements, Jas., 464 Grove
Connolly, Robert J.
Coppenger, Jno. J.
Coulson, Robt. J., 576 Summit av
Cowper, Wm. B., 373 Compau av
Cox, Thos., 209 Tonnele av
Cross, Wm. J., 157 Webster av
Culbert, Wm. J., 196 R. R. av
Dalton, Wm. P., 43 Throne
Deacy, Jno.
Dickinson, Stewart J.
Dickinson, W. H. & Co., 715 Grand
Dietz, John F., 144 Linden av
Dittmar, A. J., Jr., 204 Pavonia av
Dodds, James, 137 Ocean av
Doran, Jos. M., 531 Newark av
Doran, Thos.
Dorbandt, Helmuth
Duane, Jno. J.
Duff, Jos. C.
Duffy, John J., 103 R. R. av
Edgar, Robert, 292 Central av
Ernst, W. J.
Ewald, F., 213 R. R. av
Farrier, W. W. Co., 44 Montg'y
Heatherton, Thos. F.
†Heatherton Bros., 686 Ocean av
†Hendricks, John S., 174 York
Irving, Robert, 179 Montgomery
†Jaegers, A. C.
Jardine, Albert J., 119 Montgomery
Joans, Jas. A., 743 Grand
Keilt, John J., 599 Newark av
Kelaher, F. T., 730 Bergen av
Knoll & Knoll, 503 Palisade av
Kuntz, Jos. C.
Kuntz, M. & Son
Langan, John P., 327 Grand
Lawless, Jno. H.
Lillis, M. D., 141 Pavonia av
McElwain, James J., 92 Coles
McGuckin, Arthur H., 376 Jackson av
McGuinness, Joseph H.
MacDonald, Robt. G.
Mallon Bros., 52 Hainson av
Malone, M. F., 296 Montgomery
Martin, Philip E. & Co., 183 Montgomery
Meehan, Jas. P., 271 Wash
Meyers, Jas.
Miller & Lischke
Moloney, Jno.
Moran, M. P., 198 12th
Murphy, Wm. J., 150 Pavonia av
Murray, James E., 345 Grove
O'Brien, M. R., 219 12th
O'Brien & Keilt
†Perkins, Arthur L., 283 Warren
Reinemann, Louis W., 29 Bleecker
Renker Bros., 123 Danforth av
Schroder, Frank P., 307 Grand
Schuessler, Hy. L., 160 Lincoln
Sharock, Jno. J.
Smith, J.
Sproules, Jos. A., 339 Montgomery

Steuernagel, Wm. P.
Stone, Wm. H., 398 Westside av
Stoveken, Herman F., 121 Monticello av
Sulk, Charles H., 529 Communipaw av
Vile, John J., 306 Baldwin av
Weigel, Jos. L., 144 Ocean av
Whelihan, John J., 227 Monticello av
Werner Bros., 1145 Summit av
Wheelihan, Jno. J.
Wienert, Hy.
Worden & Crawford, 413 West Side av
Zumbusch, Jos., 392 Pacific av

KEARNEY—(See Arlington)

KEYPORT—†Force & Wyckoff
Walling, L. Brower

LAKEWOOD—Aring, John H.
†McKelvey, M. R.
†Storms, William E., Jr.
†Taylor, Samuel S., Meadow av

LAMBERTVILLE—**BRATTON, J. B.**
Cox, Chas. D.
Pettee, C. M., 22 Church

LITTLE SILVER—Hobrough, Charles

LONG BRANCH—Adamson, Robt. C., Jr., 155 B'way
†Barham, James, 31 2d av
Barham, Thomas B., 313 B'way
†Bazley & Burns, 184 B'way
†Burns, M. C., 39 6th av
†Curr, William & Co., 94 B'way
McCloud, Samuel F., 6 Norwood av
Mount & Riddle
Northam & Throckmorton, 522 B'way
Quirk & Quirk
Rudloff, Chas. H.
†Warwick, W. R., Jr., B'way c 5th av
Wortman, Harry

MADISON—†Allen, George A.
Cook, E. L.
†Plusch, James O.
†Ryan, James J.
†Would Bros.

MAGNOLIA—Spiegle, W. T., Jr., & Sons

MANASQUAN—Farley, W. L.

MARLTON—Dunphy, A. G.

MEDFORD—Cooper, W. B.

MERCHANTVILLE—†Algore, Geo. W.

MILLBURN—**BAILEY, F. S.**
†Douglas, T. A.

MILLVILLE—†Barnett, Lewis
Bullock, Frank
†Carey, Richard C.
†Gray, Howard A.
Kendall, J. F.

MONTCLAIR—Chestnut, Wm. N., Brookfield rd
CRANE, I. SEYMOUR, 466 Bloomfield av
Durr, Joseph, Bellevue av n Valley rd
†Fass, Fred., 15 Midland av
Fentzlaff, Albert, 425 Bloomfield av
Fentzlaff, Carl, 425 Bloomfield av
Garrabrandt, B. T., Bellevue av nr Fernwood av
Gasser & Williams, 637 Bloomfield av
Hayes & Kierstead, Bellevue av & Valley rd
Kaveny, John J., 28 Valley rd
Kirk & Gillies, 986 Bloomfield av
McCrystal, Wm., 341 Bloomfield av
McDermott & Shannagher, 276 Bloomfield av
McGregor, Alex., 40 Valley rd
Peterson, Chas. N., 108 Walnut
Prentiss, Edw. E., 32 Valley rd
Sherman, Fred, 466 Bloomfield av
Sigler's, A. A. Son, Valley rd
Southward, Geo., 12 Spring
Taylor, John H. & Bro., 219 Glenridge av

MOORESTOWN—Urquhart, Wm. B.
†Worrell, E. C.

MORRISTOWN—†Byram, William G., 7 McAlpin blk
Carroll & Son
Ducey, Patk. G.
†Kay, William J., E Side Park
Looney, W. J.
Oliver-Drake Co.
Salkind, H. M., 36 Morris
†Tompkins, Llewellyn B.
†Tompkins & Welsh, 17 Market

MOUNT ARLINGTON—Blume, A. H.

MOUNT HOLLY—Brannan, W. J.
†Shreve, Joseph S.
Stead, Elwood
†Worrell, George D.

NEWARK—Appel, Leo, 10 Boyd
Axelrad, J. 151 S Orange av
Bailliet, H. F., 191 Clinton av
Banderman, Mich'l, 502 Springfield av
†Baumann, C. V., 43 William
†Baumann, George, 120 Howard
†Berla Bros., 224 Wash'n
†Berla, Elias, 76 Mulberry
Berla, Moritz, 74 Bank
Biddleman, Max, 261 Springfield av
Blair, Robert, Congress c Lafayette
†Bleything, E. A., 102 Roseville av
†Bond, Charles E., 357 Wash'n
Bopp, John, 374 S 20th
†Bormann, J. H., 16 Avon av
Brady & Schall, 8 Stone
Brenner, Philip, 56 Franklin
Brody, Bernard, 168 Broome
†Budd, Ira, 297 S Orange av
Budd, Jos., 122 Mechanic
†Buhler, Gasper, 3 Orange pl
Busch & Klein, 163 Bergen
Callan, Patrick, 94 Plane
Carlucci, M., 148 7th av
Casalino, J., 28 Boyden
†Champlin, C. B. & Bro., 71 Central av
†Coons, Andrew, 7 Norfolk
Crawley & Amerman, 498 Broad
Davidson, Charles, 81 Springfield av
†Degnan, Peter A., 175 Central av
†Demars, William, 57 Mechanic
†De Vausney, Jacob & Son, 512 Orange
Dombrowsky, Edw., 307 Ferry
†Drummond, Wm. H. & Co., 60 Lafayette
†Dunn, Walter (Inc.), 42 Mechanic
†Earl & Cook, 311 Orange
Ellerman, John, 420 S 10th
Endlich, Henry, 149 Bloomfield av
Engelberger, F. & Wm. V. Co., 60 Mercer
Ennis, J. H., 152 1-2 Wash'n av
Fechtner, J., 132 Prince
Fischer, J., 157 Prince
Fishtram, J., 152 Broome
Freeland, Clarence B., 49 Bridge
†Freeland, E. P., 133 Summer av
†Frost, S. R., 568 Orange
Gareis & Baudermann, 502 Springfield av
Geiser, George T., 406 Clinton av
†Geiser, Theo. & Sons, 248 Plane
Gerber, John, 660 Springfield av
†Gill, J. B. & Co., 409 Warren
Glickfield, S., 24 Belmont av
Glickman, Samuel, 198 Court
†Grigliett, Robt. W., 512 Orange
Groel, Henry, 74 Somerset
Grohman & McDonald, 286 N 5th
†Groves, E. L., 395 Mulberry
Guarantee Plumbing & Roofing Co., 128 Market
†Hafstroem, Chas. A., 27 Wright
†Hammond, Theo. C., 13 Ferry
Hankins, Thos., 23 Wood
Hanley & Co., 224 Ferry
†Harris, Chas. P., 407 Warren
Harris & Nagle, 67 Burnet
Haselmayer, F. A., 10 West
Hemphull, Robt., 133 S 7th
Henderson, Jos. P., 40 Halsey
Herron, Philip T., 48 Sussex av
†Hoffman, Edwin, 177 1-2 S Orange av
Holliday, A. E., 407 Halsey
†Hough, Chas. C., 86 Court
Hough, John F., 405 1-2 Washington
Howard, Wm. W., 171 N 11th
†Howarth Bros. Co., 62 N. J. R. R. av
Hutchinson, Jas., 135 Cutler
Jacobi, Wm., 100 New
Jacobus, Wm., 30 Wright
†Jaehnig & Peoples, 221 13th av
Joyce, E. J., 248 N. J. R. R. av
†Kay, Grant, 36 New
Kehoe & Metz, 349 Mulberry
†Keller, Peter, 65 Mercer
†Kelley, Thos. F., 19 Parkhurst
Kern, E. J., 159 13th av
Kiesewetter, A. & E., 179 Clinton av
Kiesewetter, Meister, 179 Clinton av
Klein, Chas. F., 163 Bergen
Knispel, John C., 424 Springfield av
†Koether, F. J. & Son, 17 Court
Kolb, C. H., 14 Mercer
Lacmann Bros., 198 Ferry
†Laible, Jacob B., 56 S Orange av
Larkin, Geo. B., 383 Central av
Lawson, Louis, 93 Commerce
†Lawson, W. A., 93 Commerce
†Leonard, E. B., 14 Lombardy
Leu, Geo., 865 S 16th
†Lipman, Max, 387 Plane
Lure, Abram, 271 Bank
Lutz, Carl, 117 West
†Lutz, Elmer, 89 New
†Lynn, Hugh, 99 Belleville av
McCormick, John, 206 Bergen
†McGuire, Chas. F., 892 Broad
McGuire, J. C., 327 Plane
McIlree, Jno., 147 Pacific
Maguire, H. J., 179 Verona av
Maier Bros., 41 Bloomfield av
Marshall, Sam'l J., 851 Prospect av
Marshall, Wm., 851 Mt. Prospect av
†Meehan, J. J., 317 Mulberry
Meeks, Chauncey S., 63 Pa. av
Merkel, Fred P., 514 Central av
Miller, Bennie, 10 Somerset
Mooney, Jas. T., Wright nr Clinton av
Northnagel, Chas., Jr., 511 S 10th
O'Brien, Matthew, 35 Oxford
O'Connell & Hilser, 240 18th av
†O'Crowley, R. J. (Est.), 552 Broad
O'Rourke, C. A., 120 South
Osawetsky, John, 54 Jones
Perry, Geo. F., 457 Washington
Poerner, Frank, 95 West
Poerner, G., 90 W Kinney
Pringle, R., 511 1-2 Mulberry
Qurant, H. H., 411 15th av
†Rau, Jacob, Jr., 43 W Kinney
Rau, Jos., 317 Springfield av
Ricker, U. G., 79 2d
Rittersbacher Bros., 36 S Orange av
Robson, Fred'k W., 7 Van Wagenen
Rogers, Frank, 15 Liberty
Rowe, A. H., 48 Hartford
†Sanders, B. M., 7 S 11th
†Sanders, C., 9 S 6th
†Sandford, Thos. A., 349 Broad
Scheel, Frank, 35 Bowery
†Schmidt, R., 62 Ann
Schoener, Henry, 138 Belmont av
Schreiber & Deuchler, 17 Livingston
Schubert, E. O., 98 Tichenor
Schulte, A., 3 Nesbitt
Schwarzwaelder, G., 482 Springfield av
Schachat, M. & Son, 197 Broome
Sickel, Geo., 101 Union
†Simpson, Albert J., 223 Clinton av
†Sippel, Theo. A., 205 McWhorter
Skinner, Emil E., 123 Prospect
†Soleau, E. R. & Co., 72 Halsey
†Spatcher, J. & Son, 290 Wash'n
†Stadelhofer, Max, 232 Orange
Stauber, Ernest G., 180 Chestnut
Stein, A., 100 Morton
†Steiner, Albert, 290 Springfield av
†Steiner, Emil, 25 Union
†Steiner, N. J., 68 Belleville av
Stephens, Louis, 28 Ferry
Stevens, Hy., 240 Prince
†Sternkopf, Edwin, Jr., 45 Pacific
†Stickel, Geo., 101 Union
Stoepel, Mrs. C., 234 Ferry
Storms & Co., 40 Thomas
†Strebinger, Chas. & Sons, 410 Morris av
Struening, August, 404 Springfield av
†Sturn, I. J., 900 Broad
Sullivan, Edw. A., 78 Frederick
†Sutcliffe, Jas., 52 William
Tanner, J. L., 20 S Orange av
Thorpe, Jos. A., 407 7th av
Thrush & MacMillan, 514 Warren
Turbett, John J., 255 S Orange av
†Virtue, W. E., 59 Pa. av
Wackerman, E. O., 273 Mulberry
†Wagner, A. (Est.), 176 Ferry
Wechsler, H., 85 Springfield av
Wengel, C. E., 465 S 7th
Whatton, John, 214 Elizabeth av
Whealan, John J., 305 Warren
†Wilson, Saml. F., 474 Clinton av
†Wolff, A. C., 252 Astor
†Woodside Plumbing & S. H. Co., 188 Wash'n av
†Wuner, E M., 312 Elm
†Zeitler, Robt., 266 Halsey
†Zeliff, Winslow, 350 Belleville av
†Zimmerman Plumbing & H. Co., 291 Market
Zipf, Fred'k W., 110 Ferry
Zipf, Jacob, 110 Ferry
†Zitzner, John P., 19 Magnolia

NEW BRUNSWICK—Banker, Edw.
†Dey, Chas. R., 527 Bayard
Fink, Fred., 148 Neilson
†McCormick, Chas., 31 Hiram
†McFadden, Michael, 303 Barnett
†McKeag, Hugh, 85 Albany
McManus, John
Price's, H. M. Sons, 249 Burnet
Smalley, Wm. & Son, 288 Burnet
Watson, Jas. B.
Wilson, R. Vansant, 169 Neilson

NEWTON—†Watkins, Chas. H.

NUTLEY—Buel, Jos.
Cueman, Nelson
Faith, E. E.
Hart, William
†HAYES, THOMAS
Hochstrauss, Henry, Jr.
Holmes, Frank
Nugent, Eugene

OCEAN CITY—Conover & Buzzard
Grove, John R.
Johnson, Jno. N.
Smith, H. A. W.

OCEAN GROVE—Reed, Aaron, 117 Abbott av

ORANGE—†Allen, W. A., 489 Main
Balbach, Lewis, 227 Main
Beck, Wm. F. & Co., 22 N Centre

Brown, Jas. H., 46 Mechanic
Chalmers Bros., 255 Main
Condit, R. W., 109 William
Conroy, James F., 105 Oakwood av
Daum, August E., 75 Essex av
Finneran & Merrigan, 95 Valley
†Garrabrant, C. & Son, 19 Stetson
Hickson, Wm. T., 498 Main
†Hindle & Williams, 295 Main
Hoffman, Adolph, 40 McChesney
Klein, Wm., 36 Sussex av
Miller, Fred C., 14 Park
Milne & Platt, 143 Main
Mooney, Thos., 38 Parkway
Schieman & Sullivan, 482 Main
Shipman, Chas. L., 286 S Jefferson
Snow, J. W., 218 Main
Wardell, Winfield S., 10 Freeman
Werner & Cogan, 16 Day
Williams, O. S., 249 Wash'n

PALMYRA—Plumber, Robt., Jr.

PASSAIC—†Aldous Plumbing & Heating Co.
Bleaker, E. J. & Co.
Brooks, Wm.
Burrell, Robt. W.
Collins, Jno.
Fisher, Vanderhorn & Co.
Hahn, Geo. H.
Halstead, J. D.
Headley, W. C.
Karl Bros.
†Mansfield Plumbing Co.
Patak, Anton
Pontier, Jacob
Quadland, Dennis
†Remig & Geiger
Schleich, John G.
Wall Bros., 160 Quincy

PATERSON—Baird, John, 79 Mill
Baker, John, 47 Watson
Barrowclough Bros., 58 Graham av
†Beaumont, John & Sons, 53 Market
Beesley, Edw.
Bergin, Dennis A.
Bulmer, Jas. W., 131 E 20th
Burslem, Albert E., 315 Market
Cadigan, J. H. & Son, 502 Main
Campbell, Jno., 26 Lake
Cannon, Herbert H., 447 River
†Carshore, Wm. J., 98 Prospect
Clinton, Wm. J.
Collins, Alfred, 365 Clay
Collins, Jno., 614 River
Coons, N. & H.
Cooper, Thos. S., 53 Chestnut
Cox, J. T., 245 Graham av
Cundell, Daniel L., 94 Washington
Cunningham, Edw., 9 Olive
Delhagen, Wm.
Duncan, Harry
East Side Plbg. & Htg. Co.
Fielding, Andw. J., 6 Hamburg av
Fritz, Adam, 39 Paterson
†Gardenier, Henry, 244 Water
Gaughan, Jno., Jr., 30 Park av
Gillen, Hugh, Jr., 99 W 27th
Graves, Thos. J., 94 Washington
†Gyshers, John W., 282 Governor
Henderson, Wm.
Kasse, Chas. B., 83 Jefferson
Kearney, James & Sons, 443 Main
Keyes, Wm., 31 Pearl
Leitch & Hood, 226 Paterson
McBride, Frank A., 322 Grand
McBride, John T., 165 Marshall
McGinnis, David L., 438 Main
McKeon, Wm., 47 N Main
McNab, Jas. T., 97 Prospect
Maher Bros., 190 Slater
†Mead, Jno., 100 Beach
Metz, Peter, Jr., 31 Cross
†Neal, Geo. H., 23 Albion av
†Nealon & Farnon, 342 Grand
O'Neill, Geo. S., 41 Bridge
†Quinn Bros., 9 Fair
Rear, Charles M., 44 Clinton
Rear, George & Son, 112 N 1st
Robertson, Robt. W., 191 Mill
†Roeglers, Bernard J., 122 Lyon
†Rogers, Andrew J. Co., 86 B'way
Schneider, Hy. A., 905 Main
Seibel, Chas. P., 158 River
Stagg, Albert E., 146 N 5th
Storms, Isaac A. 96 N Main
Tattersall & Co., 106 Washington
Thomas, Geo. M., 80 Beach
Thompson, Wm. B.
Vermeulen, John J., 47 Holsman
Vreeland, Frank, 68 Bridge
Walls, Chas., 348 Grand
†Ward, Irving A.
White, James H., 218 Clay
†Whritenour, Geo. P., 20 Hamburg av
†Withington, Harry, 26 Park av
Young, Geo., 15 Fair

PERTH AMBOY—†Burns, Jas. F.
Hanson, J. S.
†Kelly & M'Alinden Co.
Larkin, Francis
Markowitz, Louis
†Perth Amboy Plumbing, Tining & Heating Co.
Smith, C. & Co.
†Smith, R. B.
†Zangenberg, Theo. E.

PHILLIPSBURG—Baty, Philip
Bossard & Mansfield
Johnston, J. H.
†Ochs, William
O'Donnell, Hugh
Vetter, C. & Son

PLAINFIELD—Dutcher, Chas. H.
Enander, A. H., 210 Park av
†Griffen, A. M., 121 E Front
†Heideloff, J. J., 31 Somerset
†Krausse, C. W., 23 Vine, N. P.
Leland & Co., 130 Central
Little, D. W., 112 North av
†McVoy, I. L. & Sons
Pound, D. H. & Bro., 138 Central av
Raybert, Charles M., 183 North av
Tobin, Geo. J., 187 North av
Voehl & Waldron, 224 E Front
Walsh, Thos. J., 307 Madison av

POMPTON—Cox, Robt.
Mead, Curtis

PRINCETON—**MULVEY & FOX**
Ross, S. M., 132 Mercer
Worrell-Shinn Co.

RAHWAY—†Cloke, W. H. Milton av
McGraff, Jas., 147 Main
Smith, Arthur L.
†Tombs & Roarke, 28 Main

RARITAN—†**WYCKOFF, JAS. C.**

RED BANK—**COOK & OAKLEY**
O'Brien, William
Sabbath & White

RIDGEFIELD PARK—†Goetz Bros.

RIDGEWOOD—Banta-Owens Plumbing Co.
Moore, W. H.
Morgan, Wm. P.

RIVERSIDE—Fairbrother, T. W.

RIVERTON—†**WORRELL, HARRY C.**

ROSELLE—Faulks, I. N.
Goodliffe, J. W. & Son

RUTHERFORD—Clark & De Groot
Evans, Geo.
†Tallman, S. C.

SALEM—†Casper, Charles W.
Guest, Charles B.
Righter, J. C.

SCOTCH PLAINS—Morel, Louis C., Jr.

SEA BRIGHT—Garland, M.
Nesbitt, E. S.

SHILOH—†Bowen, Jos. E.

SOMERVILLE—**MOOSBURGGER, HERMAN**
†Southwick, R. J. Craig bldg

SOUTH AMBOY—Carberry, James
James, V. N.
Lovely, Thomas.
Monoghan, Patrick

SOUTH ORANGE—†Hughes, Edw. & Son
†Kitchell, J. L. & Son
†Newman, W. B.
Smith, John B.
Versoy, Geo. E.

SOUTH RIVER—Smalley, Wm. & Sons

SPRING LAKE—Alger, T. E.
Reed, James E. & Son
Robinson, W. D.

SUMMIT—Croot, John R.
Hughes, Dan'l L.
†Klocksin, Henry
†Mooney, R. J.
†Scott, T. J.
Thomson, A.

SWEDESBORO—†Starr-Irving Plumbing Co.

TOMS RIVER—Lewis, John W.

TOWN OF UNION—(See Weehawken)

TRENTON—Barnard, Jas., 47 W State
Black, Jno.
Bond, W. A.
Carpenter, E. H., 360 S Broad
Cocker, Wm., 401 Monmouth
†Dickson, Wm., 351 Perry
Dobbins, W. C., 156 W Broad
†Dowling, J. A., 9 N Warren
Harrold, Howard S., 708 Broad
Holt, C., 129 E Front
†Katzenbach, F. S. & Co., 35 E State
McGrory, Robt.
Openshaw, Albert V., 849 S Broad
†Schermerhorn, A., 9 E Front
Slack Bros., 340 N Broad
Tuesday, F. S., 322 Elmer

UPPER MONTCLAIR—(See Montclair)

VAILSBURG—†Ebert, William

VERONA—Bessinger, Wm. A.

VINELAND—Bagg, Austin & Turner
†Large, Wm. J.
†Mason, Herbert J.
Sinley, Chas. W.

WASHINGTON—Flint & Hall
†Hornbacker & Bowers
†Johnston, Jas. H.

WEEHAWKEN—†Cleary, Jos.
†Holtje Bros., 231 Bergenline av
†Knack, Albert & Son, 403 Union
Krieger Bros.
†Menegaux, Louis A., 422 Lewis
Riemenschneider, Rudolph, 508½ Garner
Spitz, Henry, 173 Palisade av
†Steinhoff, H. C., 15 Bergenline av
Thourot, E. C.

WENONAH—†Vierck, J. A.

WEST END—(See Long Branch)

WESTFIELD—Ferris, Mahlon H.
†McVoy, H. E.
Miller, Jno. L.
Taylor, Harry N., Broad

WEST HOBOKEN—†**FEISZT, ALFRED,** 405 Spring
Handley, August, 510 Paterson
Heim, Jno. H., 711 Union
Hickey, Michael E., 325 Paterson av
Wendland, Emil, 180 Summit av
Zeigler, Frank

WEST ORANGE—Bauer, A. Fred, 46 Freeman
Bauer Bros., 46 Freeman
Daum, John, 301 Valley rd
Mooney, Jos., 75 Lakeside av
O'Connor, Frank A., 327 Valley rd

WOODBRIDGE—Bartholomew, R. H.
Edgar, Frank P.
Humphrey, Robert
Moore's, E. F. Sons

WOODBURY—†Myers, Fred'k V., Jr.
†**RICE, ARTHUR J.**

WOODSTOWN—†Lippincott & Hunt
†Reeves, Chas. P.

NEW MEXICO.

ALBUQUERQUE—†Post, E. J. & Co.
†Whitney Co.

LAS VEGAS—Gehring, F. J.
Patty, S.
†Vogt & Lewis

RATON—**HOBBS, A. L.**

ROSWELL—Bollinger & Wesley

SANTA FE—McKenzie, Mrs. W. A.
†Santa Fe Hardware & Supply Co.

SILVER CITY—Cox, W. S.

NEW YORK.

AKRON—Stearns, G. A.

ALBANY—Albany Material & Cons. Co., Tweddie bldg
Bates, Edw. P., 310 B'way
Baxter & Binder, 360 Hudson av
†Boyle, Richard J., 15 Green
†Britt, John J., 142 Central av
Buergler, J. D. & Son, 23 Grand
Coughlin & Martin, 917 Madison av
†Delehanty's, M. Son, 32 Green
Doyle, John, 14 James
†Dugan, John E., 4 Monroe
Dunn, Thos. E., 335 Central av
Eckert & Maas, 259 Central av
Feenan, Jas. J., 255 Lark
Fisher Bros., 105 Northern boul
Fisher, Stephen C., 870 Madison av
†Fitzgerald, John L., 22 Beaver
Franklin, Thomas B., 13 Elizabeth
Gaylor, John H., 50 N Swan
Gersbach & Schafer, 17 Central av
Gilmour, Allan, 46 Orange
Girvin, John, Capitol
Goetz, Edward, 211 S Pearl
Gorman, Edward, 280 S Pearl
Gorman, James J., 14 Norton
Gray, James H., 64 Sheridan av
Hawkins, M. J., 44 Orange
Hermann, John L., 224 Wash'n av
Hoffman, J. H. B., 38 Green
†Hunter, Jas. Heating & Contracting Co., 1 Church
Hyde, Thomas, 69 Perry
Janes, J. Edw., 6 Plain
Kavanaugh, D. F., 15 Daniel
Lelkhim, J., 865 B'way
McCormick, D. H., 95 Green
McCormick, James R., 19 William
McCormick, Wm. J., 787 B'way

McElrone, Hugh J., 366 Madison av
McGoldrick, P. J., 40 Orange
McNally, John C., 37 Beaver
Maguire, Joseph P., 42 Philip
Mahar, Wm. J., 2 Warren
Miller, Wm., 32 2d av
†Moran, J. H., 76 Eagle
Nicklas, Jos., 104 Quail
Nolan, Thos. F., 72 Madison av
Olsen, Jas. J., 72 Lexington av
Pierce, Thos., 53 Hamilton
Prior, Thos. W., 201 Central av
Prior, Wm. J., 262 Clinton av
†Ridgway & Tyler, 95 State
Riegel, August, 626 Central av
Roos, Adam, 279 So Pearl
†Russ, Herman H. & Sons, 121 State
Ryan, Edw. J., 75 Wash'n av
Sauer, Henry A., 62 Lex. av
Schade, Charles, 423 Sheridan av
Schade, George H., 180 Sherman
Schimpf, Frank F., 68 Wash'n av
Schletz, John, 96 Schuyler
Schuh, Frank, 21 Catherine
Scott & Ryder, 443 Madison av
Sheehan, Jos. F., 125 Madison av
Shoor, Hyman, 80 Trinity pl
Smith, Michael F., 129 Knox
Stafford, R. N., 95 State
Stott, Hiram W., 450 Madison av
†Sweeney, P. J., 43 Liberty
†Van Loon Plumbing & Heating Co., 120 Madison av
†Wallen, William, 81 Chapel
Walsh, J. D., 40 Sheridan av
Walter, Louis, 405 Central av
Ward, Wm. H., 4 1-2 Plain
Wareing, Wm., 22 William
Welter, Peter, 4 Morton
Wenz, Chris., 291 S Pearl
Westcott, Horace F., 27 Howard
Whitbeck, H. C. & D. S., 215 Hudson av
Wilkinson, Charles E., 14 Plain

ALBION—Bennett, Charles
†Waterman, G. M.

ALEXANDRIA BAY—†**HARTMAN, HENRY**
†Thompson, W. H. & Son

ALFRED—**COTTRELL, A. B.**

AMENIA—†Amenia Steam Heating Co.
Fry, B. H.

AMITYVILLE—Cort, George W., Jr.

AMSTERDAM—Bell, Charles F., 19 E Main
†Carroll, Frank, Main st
†DeGraff, I. J.
†Dwyer, Cornelius, 18 Chuctanunda
Gilgore, W. H.
†Lenehan Bros., E Main st
Lindsay & Dodds

ATTICA—†Ballsmith & Pilgrim, 9 E Main
Dunbar, J. W.
†Tolles, Edward D.

AUBURN—Barrett, S. H.
Cunningham, T. J.
Donovan, Dennis A.
Fell, E. M.
Holihan, John E., 31 State
†**HURN & WHEELER**
Irish, Fred F.
Kerslake, Harry A.
Meaker, Wm. R., 144 Genesee

AVOCA—Wood, W. H.

BABYLON—Field, M. H.
Ketcham, W. P.
Kleindienst, Peter
Nagengast, Jos.
Ohlmiller, Sebastian

BAITING HOLLOW—Warner, Charles H.

BALDWIN—Wortman, J. H. & Son

BALDWINSVILLE—†Baker Bros.
Voorhees, J. S. & Co.

BALLSTON SPA—Thomas & Mooney
Tracy Bros.

BATAVIA—Bradish Jno. H.
†Russell & Palmer
†Smith, William D.

BATH—Gould & Nowien

BAYSHORE—†Newberry, John H.
Udall, Mrs. M. E.
†Vall, C. W.

BAY SIDE—(See New York City, Borough of Queens)

BAYVILLE—Cheshire, Fred.

BEDFORD STATION—Reynolds, J. H.

BINGHAMTON—Beagle, V. E.
†Boughton & Marland, 197 State
Cronin, T. J.
†Cropper & Stafford, 178 Water
†Galpin, L. A., 203 State
Hadley, V. W., 175 Water
Hanley, John H., 57 State
Kelly, Frank P., 148 State
Liddell, William, 48 Schiller
McCormack, F. E. & Co.
†McCullough, W. D., 140 State
McManamy & Rodman, 39 Chenango
†Malane, D. J., 88 State
Oeftering, John S., Wall n Court
†Runyon, Geo. H.
Smith, Wm. S. C., 41 Henry
Stow, Edw.
†Warner Plumbing Co., 129 Oak

BREWSTER—Smith, W. E.

BROCKPORT—†Brennan & Adams
Hinman & Fowler
†Van Eps, W. B.

BROCTON—Whipple, F. B.

BROOKLYN—(See New York City, Borough of Brooklyn)

BUFFALO—Alway & Keller, 483 Rhode Island
Baird, Fred H., 140 Erie
†Barnd & Geiger, 11 E Mohawk
Barr & Pattinson, 879 Main
Batt & Co., 201 Maple
Bauer, John G., 213 Krettner
Baumgaertel, Hy. P., 237 Grey
Bean, Schermerhorn & Co., 69 Main
Beanard, Wm. C., 1634 B'way
Bergman & Co., 1653 Main
Beyer, Frank L., 229 Pearl
Binnie, Thos., 308 Grant
Boore, John F., 351 Tryon pl
Bower, George P., 776 Seneca
Boyd & Son, 132 Niagara
Bradley, Fred. A. & Co., 1333 Niagara
†Brenner, Christian, 540 Genesee
†Breshnahan Bros., 462 Elk
Brintnall, Geo. P., 57 Elmwood av
Bronold Co., 1292 Jefferson
Buchegger, Edw., 130 Barton
Buffalo Plumbing Co., 15 Niagara
†Burgmaster, Daniel, 44 N Division
Burke, John J., 198 Whitney pl
Burrows, Geo. L., 797 Best
Caldwell, William, 61 Vary
Campbell, Fredk. J., 364 Auburn av
Candee, J. S., 379 Elk
Carroll, John J., 311 Connecticut
Case, W. A. & Son, 31 Main
Casey, Bros., 642 Walden av
Clarkson Bros., 498 Elk
Cluscas, George D., 283 Bryant
Cole, James L., 1108 Genesee
†Cook, Edward L. Co., 199 Pearl
Cornelius, Philip, 300 Elk
Craighill, William H., 369 Michigan
†Criqui, C. A., 926 Main
†Danforth, John W. Co., 70 Ellicott
Danner, George, 597 William
Dark & Co., 654 Main
Davis & Wright, 691 Main
Dechert Bros., 31 River
Dellinger, John, 127 Grant
Dobinson, Wm. A., 533 Niagara
Donohue, Norman G., 194 Seneca
Drescher, George E., 47 W Swan
Dupont, John J., 551 W Utica
Engel, Geo., 182 Genesee
Farrell, Michael, 267 Fulton
Farthing, Alfred B., 517 Ellicott
Feider & Merkle, 294 Seneca
Franke, Edward S., 79 W Chippewa
Fries & Co., 93 Main
Geoghan, J. P., 1144 Lovejoy
Gerspach, Valentine J., 135 Guilford
Gilchrist, W. J., 157 West av
Gordon, Alexander D., 231 Franklin
Green, Jno. B., 734 Elmwood av
Griffin's, John W. Sons, 645 West av
Guthrie, Edward, 438 Eagle
Haas, Geo., 167 W Tupper
Hagen, Conrad, 726 Genesee
Hagen, Henry A. M., 239 Grey
Hager, C. A. & Co., 217 E Ferry
Hepp, M., 190 Dodge
Herlan & Honecker, 1261 Michigan
Hokamp, Joseph H., 385 B'way
Huck, Charles B., 820 Main
Hurley & Stygall, 181 Virginia
†Irlbacker, Geo. L., 529 Main
†Irr, George, 517 Wash'n
†Irr & Son, 19 Wadsworth
Jaeger, Aug., 36 B'way
Jann, C. J., 838 Genesee
Kamprath, Fred'k C., 394 B'way
Kavanagh, Jas., 80 Ellicott sq
Kavanagh, Miles & Co., 54 West av
Kavany, Thos. J., 347 Niagara
Keenan, John H., 157 Virginia
Keenan, J. & Son, 330 Franklin
Kelly, Wm. D., 180 Forest av
Kennedy, C. M., 431 William
Kirkwood, Jno. A., 1222 Jefferson
†Knepper, John H. & Son, 501 Wash'n
Kolb, Edw. A., 1419 Main
†Kranichfeld, Albert C., 434 Genesee
Lauer, Fred D., 1114 Michigan
Lehr, Geo., 972 Genesee
Lehr, Henry C. & Co., 878 B'way
Leminger, Edw., 275 Lemon
Lochnicht, F. M., 511 Rhode Island
Logan, Wm. H., 1237 Niagara
Lund, Daniel, 153 W Mohawk
McArthur & Kavany, 23 Terrace
McEvoy, Timothy & Son, 414 Niagara
McLean, Walter, 550 7th
Martin, Wm. H., 126 Vermont
Mensch, J. L., 374 Ellicott sq
Mills, Wm. P., 150 Military rd
Millidge & Robinson, 357 Grant
Moore, Geo. P., 1414 Michigan
Muck, Jno. M., 704 William
O'Mara, Jno. E., 471 Mass. av
Park, Thos. F., 26 Emerson pl
Renwick, Ralph C., 533 Niagara
Rogers, Fred & Son, 133 E Ferry
Ruchte, E. C., 2328 Main
†Ruckel, J. H. & Son, 81 Main
Sander, B. J., 134 Thompson
Sauerwein, Christ., 22 E North
Schank, Geo. L., 167 16th
Schanley, Charles, 123 W Eagle
Schlatterer, Stephen, 386 Clinton
Schmahl, John H., 471 Ellicott sq
Schultz, Louis, 303 High
Shuart, A. E., 135 Hoyt
Slatter, Geo. T., 89 Pooley pl
Smith, Fredk. J., 2466 Seneca
†Smith, John D. Co., 51 Pearl
Sperry, Edw., 375 William
Stearns, Chas. N., 1845 Niagara
Steimal, Wm., 71 E North
Steinman, Chas. B., 217 E Ferry
Stevenson, A. E., 311 Niagara
Stewart, S. B., 1056 Clinton
Sticht, Lorenz, 176 Reed
Talty, Frank P., 1236 Seneca
Terry, Jno. T., 20 Grant
Volmer & Milne, 91 Hertel av
Wacker, Edw. G., 23 Brayton
Waldow, Chas. J., 215 Fillmore
Waldow, J. F., 2189 Seneca
Waldow & Doerr, 1267 Fillmore av
Wall, M. G., 284 Hampshire
Wallworth, Wm. H., 413 W Ferry
Weinfenbach, Henry, 424 South Park av
Weinheimer, John F., 308 Genesee
Welch, J. T., 491 Connecticut
West Side Plumbing Co., 551 W Utica
Whalley, Henry, 2103 Seneca
Wilson, Jas. D., 177 Ellicott sq
Wilson, Jas. L., 184 Garner av
Wood, Henry J., 220 Lexington av
Yuhl, Fredk H. & Son, 163 William

CALEDONIA—Humphrey, O. M.
†Sedgwick, A. P.

CAMBRIDGE—Watkins, R. H.

CAMDEN—†Dorrance, W. H. & Son

CANAJOHARIE—†Scharff, Charles W.

CANANDIAGUA—Cooley, A. E. & Co.
Downs, P. B.
†Kelly, J. H.
†Sterling, A. A.

CANASERAGA—Saxton, E. C.

CANASTOTA—†Bemiss & Co.
†Farr Bros.
†Hannigan, Mason & Co.

CANISTEO—Laine, Orton O.

CANTON—Howe Bros.
McCormack & Main
Stewart, Geo. M.
Tallman & Howe

CAPE VINCENT—Hartness, John

CARTHAGE—Arnot, Wm.
Chaufty, R. & R. C.
†Strickland, J. E. & Son
Thrall, F. L.

CASTILE—†Cole & Andrus

CATO—Kennedy, Edw.

CATSKILL—†Adams & Spencer
†Conklin, Jacob
†Day & Holt
Lattimer & Beardsley

CATTARAUGUS—†**OAKES & BURGER**

CAZENOVIA—Driscoll & Marshall

CEDARHURST—Haller, Paul
Hetrick, Chas.

CENTER MORICHES—†Robinson, Geo.
Robinson, H. C.

CENTRAL VALLEY—Pembleton, J. M.

CHARLOTTE—Hamlin, Wm.
Mentley, F. R.

CHATEAUGAY—Ryan, Wm. B.

CHATHAM—Coon, Fred
Hawley, Chas.

CHERRY VALLEY—†Fox & Brien

CHESTER—†Conklin, F. L.

CLAYTON—Farrell & Whitney

CLINTON—†**ALLEN, H. J.**
Clark, James

CLYDE—†**BLISS & COMPSON**
Denison, A. J.
Hughson, E. N.

Littlejohn, A. E.
†Murphy & McElligott
Roy Bros.
COBLESKILL—Finn, A. J.
Ochampaugh, W. C.
COHOES—†Bottum, H. E.
Cady, Elias V.
Campbell, Robt.
†Clark, David
Dawson Bros.
Golden, John B.
Maguire, John
Mott, Robt. H.
Rosemond, Jas.
Scotland & Munro
Wallace, Patk. H.
COLD SPRING—†Camp, F. M.
Grace, Gerald V.
Murray, M. A., Mrs. & Son
COLD SPRING HARBOR—Nichols, Frank
COLLEGE POINT—(See New York City, Borough of Queens)
COOPERSTOWN—King, Jno. H.
McEwan, W. L.
†Morris, George W.
CORNING—Cole, R. E.
Costello, W. E.
HEERMANS & LAWRENCE
Sipple & O'Brien
CORNWALL—Elliott, C. H.
Mailler & Smith
CORONA—(See New York City, Borough of Queens)
CORTLAND—†Bates, T. T.
†Bennett, W. W.
†Buck & Lane
Hollister Hardware & Plumbing Co.
Lewis, L. R.
COXSACKIE—Coxsackie Gray Iron & Steam Fitting Works
CUBA—Gec, Chas. A.
OLIVE, J. G.
†Sisson & Smalley
DANSVILLE—†Bailey, J. J. & Son
Edwards, Kern & Miller
DELHI—†GRAHAM, H. S.
Sears, M. D.
DEPOSIT—†Deposit Hardware Co.
†MINOR, A. P. & SON
DOBBS FERRY—†Carpenters' Sanitary Plbg. Co.
HAMMIL, M. (Est. of)
†Langenberg, Jos. V.
Siess, A. C.
DOLGEVILLE—Barrett & Co.
DOUGLASTON—(See New York City, Borough of Queens)
DRYDEN—Bartholomew, D. P.
DUNKIRK—†Allenbrand, E. G. (Est. of)
†Allenbrand Hardware Co.
Beardsley, C. E.
Carlyon, P. H.
Duenzer, George
†Lennertz, N. J., 325 Lion
†Vandevelde, John J.
EAST AURORA—Graves & Rockwood
Henshaw, E. E.
Sommer, G. M.
EASTHAMPTON—Batey, R. H.
Grimshaw, S. C.
EAST WILLISTON—Schmidt, Geo.
ELLENVILLE—†McCartney, James W.
Rose & Childs
ELLICOTTVILLE—Doolittle, J. E.
Stanbro, A. K.
ELMHURST—(See New York City, Borough of Queens)
ELMIRA—Bell, Henry, 165 Baldwin
Burt, A. R.
Flahive & Krowe
Krowl, Geo. W. & A., 325 Carroll
†Le Valley, McLeod & Co., 165 Lake
SADLER, J. T. & CO.
†Walker, J. A., 334 E Water
Walker, John A., 126 S Main
†Walker, R. H., 112 Lake
Weldner, Henry J., 222 S Main
ELMIRA HEIGHTS—**HARRIGAN ORISON**
FAIRPORT—†Bridges, H. H.
†SCHUMMERS, F. F.
FAR ROCKAWAY—(See New York City, Borough of Queens.)
FISHKILL LANDING—†Griffin & Howe
†Redman, John
FLUSHING (See New York City, Borough of Queens)
FONDA—Jansen & Huestis
FORT EDWARD—Bowtell, C. W.
Chapman, C. E.
Newton & Hill
FORT PLAIN—Linney, W. T.
†Stewart & Bergen Co.
†Williams & Tanner Co.
FRANKFORT—Dade, Jacques
FRANKLIN—†Backus & Scott
FREDONIA—†Case & Zahn
Ernshaw & Breed
†Scott, F. W.
FREEPORT—Van Wicklen, W.
FRIENDSHIP—Gould-Carter Co.
FULTON—Buell Bros.
Donovan, Jos. H.
GENESEO—†Johnson, J. E.
†Stevens, Bacon & Co.
GENEVA—Emig & Hatmaker
Hawkins, Abram, 22 Castle
Stacey, J. G., Jr.
Wilson, Wm.
GLEN COVE—Crandall, Fred A.
†O'Brien, John J.
Seaman, S. J.
GLENS FALLS—**†ADAMS, G. E. & CO.**
§De Long's Sons, 120 Glen
Glens Falls Plbg. & Supply Co.
Pardo & Hogan
†Thomas, H. & Son, 81 Glen
†Whipple & Robinson, 134 Glen
GLOVERSVILLE—†Batcheller, E. S. & Co.
Bray, W. M., 28 Elm
†DEMAREST, WM. G., 55 S Main
Gloversville Plumbing & Heating Co.
Kavanagh, M. J., 4 Church
Putnam, W. D.
†Sowle, J. E., 10 S Main
Sowle & Briggs
Treadway, M. C.
†Treher, A., Jr., 13 Bleeker
GOSHEN—†Hock, Frank C.
TUTHILL, T. D.
GOUVERNEUR—Bowne, C. H. & Co.
†Cutting & Perrin
Williams, D. H.
GOWANDA—Kammerer, John.
GRANVILLE—**HENRY, GEO. W.**
†Nelson, D. D. & Co.
Sullivan, P. J.
GREAT NECK—Best, Geo. & Son
Holtje, John.
GREENE—Martin Bros.
GREENBUSH—(See Rensselaer)
GREENPORT—Geehreng, Jno.
Reeves, Chas. B., Main st
WALTERS, FREDK. L., Front st
GREENVILLE—Budd, H.
GRIFFIN CORNERS—Todd, A. H.
HAINS FALLS—Burkle, Jos. J.
HAMBURG—†Moritz, F. A.
HAMMONDSPORT—Warren, G. F.
HANCOCK—Schenk, Reinhold
Wheeler, S. N. & Sons
HASTINGS-UPON-HUDSON—†Will, Frank J.
HAVERSTRAW—Demarest, Alfred
Demarest, Ira
HEMPSTEAD—†Gaffney, P. R., 13 Greenwich
Kelly, M. & Son
Nichols, W. T., 125 Main
HERKIMER—Dailey, T.
Giersbach, A. E.
Metzger, J. M.
PROWSE & PELTON
HIGHLAND—†Feeter, J. W.
HIGHLAND FALLS—Daly, T. J.
Kelly, Frank J.
Yagel, Frank
Yagel, Jos.
HOLLEY—Edwards, Ira
HONEOYE FALLS—Burton & Earl
Gates, L. E.
HOOSICK FALLS—**†ABEL & BROWN**
Dorr, C. M.
HORNELLSVILLE—Cole, B. A.
†McGuire, Chas. F.
†Miller, R. J., 44 Broad
Roberts, Wallace, 104 Canisteo
HUDSON—Armstrong, J. C., Jr.
Hudson, S. T.
Kertz, J. Frank, 318 Warren
†Parker, Byron, 436 Warren
HUNTINGTON—Jones, R. H.
Morrison & Thompson
Wenzel, Chas
ILION—Fish, A. G.
†Grimes & Pelton
†Schesch, Geo. A
IRVINGTON—Anderson, Jas.
Timm, Chas. L.
ISLIP—†Field, John B.
†Lennon, Jos.
ITHACA—Chappelle, Edw. C.
Donahue & Higgins
Forest City Plumbing Co.
Hulbert-Loveless Plumbing Co.
†Jamieson & McKinney
Stephens & Masters
Stewart, Fred P. Plumbing Co.
JAMAICA—(See New York City, Borough of Queens)
JAMESTOWN—†Chatfield & Armitage
Davey, Jas.
Ideal Plumbing Co.
†Jamestown Plumbing & Heating Co.
McGinty, Johnson & Co.
†Murray, M. J. & Co., 122 W 3d
Wickland, Chas. G.
JEFFERSONVILLE—Greshaber, W. J.
JOHNSTOWN—Hotaling & Murphy
†Lynes, Wesley
Rice, Jno. C.
Van Nest & Goodwill
KATONAH—Robertsen, W. H.
KEESVILLE—Callanan Bros.
Washer, Quinn & Clifford
KINGSTON—†Askley, Chas. P.
†Bannon, L. F., 16 Hasb'k av
†Canfield Supply Co., 16 E Strand
†Carter's, Enoch Sons, 46 Hasbrouck av
†Cusack, Thomas J., 261 Fair
†Halloran, Danl., 143 W Strand
†Loughran, Bernard, 270 Fair
†Ryan, Mary, 635 B'way
Votteler, August F., 93 B'way
†WIEBER, HENRY E. (See adv. below)

HEATING.
WARM AIR.
STEAM.
HOT WATER.
HENRY E. WIEBER,
28 East 20th St., NEW YORK,
and KINGSTON, N. Y.

LAKE GEORGE—Hammond, G. W.
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†Maute, J. N.
LANSINGBURG—(See Troy)
LE ROY—†BUELL HDW. CO.
†Taft, F. L. B., 10 Main
LESTERSHIRE—†Becker, Clinton D.
†McCormack, F. E. & Co.
LIBERTY—†Pierson Bros.
LINDENHURST—Brosch, Hy. J.
Wild, Wm. F.
Yost, Wm. G.
LITTLE FALLS—†Ashenhurst, W. F. & Co.
Bradford, Ira A.
Leary, Jno. F.
LIVINGSTON MANOR—Fish, Edmund
LOCKPORT—†Carnall, Chas. E., 125 Main
Connor, M. A., 2 Main
Emmendorfer, M. J.
†Fry, Edward A., 43 Locust
†McCue, Jno., 50 Pine
Mapes & Payne, 8 Pine
Mulligan, T. W., 8 Market
Nolan, Wm., 26 Market
Silk, Joseph, 31 Market
LONG ISLAND CITY—(See New York City, Borough of Queens)
LOWVILLE—Fowler Bros.
Garnham, F. J.
LYONS—†Hartman Bros.
Matthes Bros.
Marshall & Noble
†Nusbickel, Fred.
†Zimmerlin Bros.
MALONE—Fell, E. L.
Goff, W. J.
Roby, Chas. N.
Thompson, H. D. & Co.
Wood, E. J.
MAMARONECK—†McLoughlin, J. H.
Veldon, Jno.
MANHASSET—Peler, F. M.
MARATHON—†Seamans Bros.
Swift's, G. L. Sons
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Searle, B. L.
MARLBORO—†Hughes, T. H.
MATTEWAN—Alsdorf, Leander
MAYVILLE—Stiles, H. S
MECHANICSVILLE—†Allen, Wm. H.
†Baker, S. C.
Bunce, Jno. H.
Smith, Jas. R. & Co.
MEDINA—†ACER & WHEDON
†Hanlon Bros.
MELVILLE—Elliott, J.
MIDDLEBURG—†Sullivan, F. A.
MIDDLE GRANVILLE—Rogers, A. N.

MIDDLETOWN—†Brink & Clark
Buck Bros., 28 W Main
Carson, Chas., 79 Montg'y
†Duryea, Wilmont, 50 North
†Ebner, J. O., 84 Wickham av
Spooner, Henry S., 42 North
†Swalm, Geo. A. & Son, 18 North
MILLBROOK—†Pizie, B. J.
MILLERTON—†PAINE, J. R. & SON
MINEOLA—†Schmidt, Edw.
Smith, Jos.
MOHAWK—ADAMS & CO.
†RICHARDSON, J. G.
MONROE—Knight, C. S.
Smith & Streble
MONTGOMERY—Brown Bros.
Wade, A. N.
MORAVIA—†Small, F. & Sons
MT. KISCO—†Gorham, D. F.
Ganun, G. E.
Whitlock, Chas. A.
MT. VERNON—Brogan, P. J., 129 Mt. Vernon av
Carmody, M. F., 2 N 3d av
†Clark & Morrow, 1st & S 6th av
Downing, H. M., 105 S 4th av
†Drake, Richard V., 142 S 4th av
Hearne, Wm. J., 142 S 7th av
Hodge Bros., 15 E 3d
Johnson, John, 197 Stevens av
Johnson, Thos., 37 Mt. Vernon av
†McGonigal, Wm., Fairfax bldg
Marcel & Atwell, 152 S 4th av
Norden, J., 48 Mt. Vernon av
NEWARK—Bobrowsky, Herman
Dayton, Wm.
†Fanning, Benj.
†Leggett, C. E.
Mattison, L. G.
NEW BERLIN—†Halstead, H. J.
NEW BRIGHTON—(See New York City, Borough of Richmond)
NEWBURGH—†Barnes, Geo. T., 107 B'way
Buchanan, Thos., 10 William
†Clark, Leander, Jr., & Son, 65 Chambers
Fletcher, Henry, 135 B'way
†Hastings, James, 162 B'way
†Johnson Hardware & Iron Co.
King, T., 476 B'way
McCann, Henry, 39 Colden
McGivney, Philip, 196 Water
McGough, Jas., 91 B'way
Mabie, J. D. & Son, 46 Water
Masterson, Jno. J., 191 B'way
†Mitchell, Geo. R., 73 2d
Newman, Chas. W., 259 B'way
†Pickens, A. H., 130 Water
Samuel & Laubenheimer
Weikert, E. M.
NEW DORP—(See New York City, Borough of Richmond)
NEW ROCHELLE—†Archibald & Lippoth
†Bell, W. T.
Consadene, Charles
Cunneen, Peter J.
Donahue, P. H.
Gannun & Kinsella
Kennedy, D. J.
†Kettner, Louis H.
†Leary & McGrath
Secord, R. H.
Valentine Bros.
Wallace Bros.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Abrams, Edgar L., 209 Reid av
Accles, Wm. J., 229 Ralph av
Ahlborn, C. J., 981 Manhattan av
Aldrich, B. L., 738 Wash'n av
Alexander, Stephen, 118 Huron
Alexander, Wm. S., 505 Nostrand av
Allen, W. H., 108 Dupont
Allen, W. J., 505 6th av
Almenoff, Isidor, 384 Osborn
Amann, Chas. P., 883 4th av
Anderson, Henry, 238 De Kalb av
Armstrong, James, 348 Court
Aronofsky, Isaac, 119 Boerum
Ashford, Wm. T., 2772 Atlantic av
Atlantic Basin Iron Works, 11 Imlay & 18 Summit
Auer, Wm., 793 Coney Island av
Augustin, Chas., 213 Irving av
Austin, Jno. C., 134 Reid av
Austin, R. A., 174 Sands
Avrach & Young, 111 Osborn
Ayres, Paul, 678 Union
Bachert, Chas., 95 Central av
Baerenklau, Geo. A., 1013A Gates av
Baker, Wm. B., 339 Bedford av
Barfett, J. R., 259 Flatbush av
Barr, Stewart F., 426 Sumner av & 1857 Nostrand av
Barth, A., 393 Knick'r av
Bartling, Geo. H., 4208 3d av
Baskerville, John W., 14 Bedford av
Batter, M. & Kravet Bros., 220 Graham av
Bauer, Augt., 409 Central av
Bauer, Emil H., 6 Stanhope
Bauer, Jos., 388 Wallabout
Baur, Frank G., 39 Hull
Bayliss, Richard, Jr., 117 Franklin av
Becker, A. C., 312 Grand
Belford Bros., 314 Smith
Berry, Sidney A., 638 Grand
Beyer, Wm., 8736 18th av
Bibby, Geo., 681 Atlantic av
Bishop's, Wm. Sons, 724 3d av
Bittermann, Peter J., 574 Nostrand av
Black, A. & L., 6 Belmont av
Black, Lazarus, 440 Stone av
Bloeth, Wm. J., 906 Park av
Boller, Fred, 323 S 1st
Bonfield, A. R., 1422 Fulton
Bosch, John & Son, 696 Flushing av
Bowen, Fredk. F., 32 Reeve pl
Boyne, John, 96 Hamilton av
Bracken, Patk. J., 375 Flatbush av
Bradshaw, Thos. W., 38th n 5th av
Brattish, Francis, 280 Wythe av
Brein, Chas., 1830 Pitkin av
Brennan, Thos. V., 345 Bedford av
Briggs, Richard, Jr., 400 7th av
Broschart, Jacob J. N., 22 Thornton
Brown, Bros., 4616 5th av
Brown, Irwin, 182 Reid av
Brown & Eckersley, 774 Flatbush av
Bruckman, Julius F., 433 De Kalb av
Bryon, Edgar C., 329 Flatbush av
Buchanan's, A. Sons, 1587 Fulton & 488 Sumner av
Buchholz & Wohlmacher, 398 Bedford av
Buck, Thaddeus, 708 Myrtle av
Buckley, Walter F., 250 Bridge
Burckhardt, Jos. E., Neptune av nr W 1st
Burdette, Richard C., 1079 Bedford av
Burke, John E., 121 Wash'n
Burke, Thomas F., 178 Columbia
Burnes, Geo. W., Bath av & Bay 14th
Burrows, Daniel J., 1439 Bedford av
Busse, Fred, 270 Ellery
Butler, Michael J., 454 Atlantic av
Byrne, Edw. J., 114 Franklin
Callahan, T. A., 227 Leonard
Campbell, Francis R., 191 5th av
Canavan, Frank J., 215 Kingsland av
Carey, Daniel J., 837 Knickerbocker av
†Carley, Edwd., 72 G'point av
Carlos, Jas. R., 121 Nassau av
Carney, Michael J., 1302 Herkimer
Carroll, Dennis C., 250 Schermerhorn
Carroll, Jas. D., 71 Dean
Carroll, Wm. P., 25 Little & 233 Bridge
Chambers, Robt. W., 298 16th
Christensen Bros., 1047 Fulton
Clare, John F., Surf av & W 15th
Clark, David & Son, 746 3d av
Clark, Jas., 76 Schenectady av
Clark, Jas. F. & Bro., 464 Graham av
Clark, Jno., 351 Franklin av
Clark, Richard, 186 Remsen
Clark & Brady, ft 23d
Clarke, Robt., Jerome av nr Sheepshead Bay rd
Clarke, Thos. J., 321 Furman
Coger's, Geo. W. Son, 407 Bedford av
Coggins, R. R., 1178½ Bedford av
Collins, John J., 675 Henry
Collins, Sam'l, 1530 Gates av
Collins, Wm. J., 134 Franklin
Collis, Alfred T., 631 3d av
Coney Island Plumbing Co., Sheepshead Bay rd c W 3d
Conlon, John J., 258 17th
Conlon, Wm. W., 180 N 7th & 146 Freeman
Connelly, W. T., 360 6th av
Connolly, J. J., 430 Myrtle av
Connolly, Wm. J., 844 Rogers av
Cooper, Edwin B., 146 Jay
Corcoran, Geo. E., 276 Court
Corcoran, Sam'l J., 328 Court
Corcoran & Parshall, 158 Court
Cornell, M. G., Jr., 175 Greene
Covert, David D., 579 Hamburg av & 1655 Fulton
Cowden & Kober, 571 Wythe av
Cranford Bros., 291 Flatbush av
Creighton, F. J., 277 Prospect pk W
Crowley, Thos. A., 201 Atlantic av
Cullum, David, W 8th nr Surf av
Cummings, Geo., 745 Fulton
Cunningham, Robt. W., 1288 Fulton
Dall, Wm. M., 208 S 3d & 766 Bedford av
Dalton, Jas. H., 548 7th av
Danaher, John & Sons, 253 Tompkins av
Dargent, Charles, 360 Crescent
Davis, Benjamin C., 12 Dean
Davis, Chas. C., 96 Schermerhorn & 40 Boerum pl
Davy, Frank, 433 Bergen
Day, John, 19 Henry
Dean & Robinson, 668 Fulton
Deiser, Lewis A., Jr., 388 B'way & 325 Division av
Delany, Edw. L., 971 De Kalb av
De Milt, W. C., 311 7th av
Denison, Jos. F., 898 Quincy
Detleisen, Louis, 824 Fulton
Dettviller, Wm. T., 183 Clinton pl
Devine & Crawford, 272 Met. av
Devos, Edw., 78 Livingston
Dieckmann, Hy. W., 45th c 4th av
Diemer, Fred, 216 Meserole
Dietrick, Frank E., 281 Atlantic av & 251 State
Dillon, John J., 541 Atlantic av
Dixon, W. & J., 29 Atlantic av
Dixon, Z. V., 189 Ralph av
Doherty, John M., 952 Madison
Dolan, Peter E., 97 Tillary
Donaghy, Wm., 718 Fulton
Donegan, D., New Utrecht av nr 59th
Donohue, Florence J., 643 5th av
Donohue, M. F., 548 6th av
Donovan, Dennis J., 125 5th av
Doody, Wm. J., 346 Warren
Dooley, Maurice A., 335 Columbia
Dowdeswell Bros., 92 7th av & 189 Wash'n
Doyle, Jos., 318 11th
Doyle, Nicholas, 951 Kent av
Drake, Geo. A. & Son, 340 Sumner av
Driscoll, Michael J., 38 Myrtle av
Dudley, Wm. A., 1012 Kent av & 448 Laf. av
Duffy, A. A., 669 5th av
Dunbar, Thos., 543 5th av
Dunekack, Fredk. J., 12 Meserole
Dunn, Wm. S., 3d av n 92d
Dunne, M. & C., 450 Gates av
Dunnigan, Jas. A., 478 Court
Dutton, John S., 931 De Kalb av
Ebel, Jno. A., 366 17th
Eckoldt, Harry, 348 20th
Edgerton Bros., 264 5th av
Ehrlich, A. A., 18th av cor 84th
Eich, Adam, 143 Gwinnet
Eiermann, Wm., 1981 Fulton
Ellery, Jas. O., Jr., 348 Nostrand av
Elliott, Wm. J., 1246 Myrtle av
Elson, Louis H., 62d nr 11th av
Engel, Jacob, 141A 5th av
Ernst, Philip, 295 Bushwick av
Esposito, Thos. C., 187 Sackett
Evans Bros., 237 Reid av
Evans, Chas. W., 5 Reid av
Evans & Co., 235 Nostrand av
Evory, Wm. H., 198 7th av
Fallon, John P., 142 Nostrand av
Fallon, Martin & Co., 53 De Kalb av
Farman, Edw. J., 872 Bergen
Farrell, M. J., 352 Smith
Farrell, Patrick J., 89 Orange
Fegan, T., 456 Van Buren
Fehlinger, Nicholas, 179 Cooper
Feinberg, Louis, 54 Leonard
Ferguson, Thos. F., 364 3d
Fernstein, Louis, 348 Sutter av
Ferrer, Wm. C., 718 Mahtn. av
Finkensieper, Paul, 58 Reid av
Firth, Francis J., 422½ 5th av
Fisher, Frank, 1218 Myrtle av & 163 Melrose
Fitzmaurice, T. & Co., 52 Nelson
Fitzpatrick, Wm. J., 80 7th av
Flaherty, Jas., 844 Gravesend av
Flaherty, Jas., Jr., Gravesend av nr Av F
Flaherty, John J., 382 7th av
Flohn, Peter, 204 Pennsylvania av
Flood, Thos. J., 1432 Flatbush av
Foley, Jas., 234 State
Foley, Jno. E., 256 Schermerhorn
Foley, John F., 1085 Herkimer
Foley, J. J., 2026 Fulton & 29 Louis pl
Forrest, Jas. M., 390 Mhtn. av
Forsbrey, Henry J., 712 De Kalb av
Fox, Edw. D., 1517 Fulton
Franz, Henry, 118 Evergreen av
Frawley, Thos., 110 Degraw
Friedberg, Henry, 49 Varet
Friedenberg, Chas., 19 Seigel
Friedenberg & Schwartz, 49 Varet
Friedman, Leon, 651 Bushwick av
Frisse, Louis, 1158 Myrtle av
Fritzen, Herman C., 128 Union
Fulcher, F. U., 580 Rogers av
Gannon, John, 406 Bridge

Gardner, Willis, 188 Division av
Garvey Bros., 112 Court
Gately, Francis J., 147 Bedford av
Gately, Thos. J., 111 Bedford av
Gateson, Daniel T., 93 B'way
Gault, Wm. J., 509 De Kalb av
Gegenheimer, Louis, 792 Gravesend av
Gerber, Max, 12 Moore
Gfroerer, B. E., 142 4th av
Gilroy, Jas. A., 252 Bedford av
Glattes, Henry, 182 Irving av
Gleason, M. F., 131 5th av
Gleason, P. H., 918 Fulton
Glen, James, 501 6th av
Glen, Wm., 290 9th
Gloistein, Geo. H., 253 Tomp. av
Godigkeit, Emil F., 146 Coffey
Goedel, Otto, 1437 Flatbush av
Goldfish, Harry, 21 Seigel
Golinsky, Max, 212 Sutter av
Grace, James C., 1682 B'way
Grimm, William, 334 Central av
Groneman, H. C., 1379 Fulton
Grossman, Philip, 91 Moore
Gunning, John D., 100 Orange
Haaf, Louis, 265 Ellery
Haag, Joseph, 692 Hart & 398 Throop av
Haff, L., 918 Myrtle av
Hahn, Adam P., 241 Central av
Hall, A. M., 557 3d av
Halligan & Bushe, 121 Coffey
Halloran, P. F., 583 3d av
Hamfield, Chas., 368 Throop av & 261 Tompkins av
Hamilton & Davis, 278 13th
Hamma, Charles, 230 Marion & 5 McDougal
Hamma, William, 2710 Atlantic av
Hammerle, Andw., 212 5th av
Handover, Charles M., 281 Atlantic av
Hanrahan, Jno. J., 663 Franklin av
Hanrahan, Michael, 307 40th
Harley, Jas., 288 Flatbush av
Hansen, Chas. C., 251 39th
Hardcastle, Joseph, 1321 Fulton
Harrington, Thomas, 334 De Kalb av
Harrickey, Thomas J., 124 Stone av
Hart, Michael J., 629 Hiccks
Hartigan, Wm. P., 306 Albany av
Hartisch, Eugene, 463 Central av
Hartley, William, 272 Met av
Hart-Ayres Plumbing Co., 180 4th av
Hayward, Edwin, 150 Flatbush av
Healey, Edw., 859 Atlantic av
Healy, John P., 105 Atlantic av
Healy, Martin & Son, 7 Putnam av
Heaney, James A., 576 Warren
Heepe, Richard, 451 7th av
Henry, Alfred, 317 7th av
Herman, David, 109 Thatford av
Hess, Fred'k, 867 Flushing av
Hess, William, 335 Floyd
Hettesheimer, William, 857 Grand
Hill, Charles, 85 Flatbush av
Hill, William J., 88th nr 3d av
Hirn, Wm., 288 Central av
Hobbs & Sheehan, 727 Coney Island av
Hoehn, Hugh J., 332 Vanbrunt
Hoffman & Evans, 584 Wythe av
Horan, John, 145 Rockaway av
Horsley, Wacey R., 157 Court
Howe, John, 77 Lawrence
Hudson, Walter T., 428 Nostrand av
Hudson, Wm. T., 342 Nostrand av
Hueston, James, 54 Smith
Hughes, John W., 216 Miller av
Hull, Wm. W., 3912 Ft. Hamilton av
Hurwitz & Crane, 1722 Pitkin av
Hussey, James, 235 Hamilton av
Hutchins, Robert B., 43 B'wick av
Hutchinson, Fred. A., 334 Myrtle av
Ireland, P. H., 278 Myrtle av
Irwin, Thomas J., 693 6th av
Jaehne, John H., 311 49th
James, George S., 1088 Fulton
James Bros., New Utrecht av c 58th
Jaquiss & Lawless, 506 3d
Jarcho & Kayfetz 358 Stone av
Jarmain, George E., 67 S 8th
Jeffries, Eugene, 2520 Atlantic av
Johnson, Jas. H. & Son, 395 Court
Johnson, Louis, 37 4th av
Johnston, Geo. B., 987 Flatbush av
Jones, Frank, 204 Division av
Jones, Robt. E., 69 Furman
Julien, Franeis, 167 Hudson av
Jung Bros., 998 Broadway
Kallmann, Charles, 123 Franklin
Kane, John J., 1094 Manhattan av
Kaplan, Harris, 109 Moore
Kaplan, Wolf, 144 Thatford av
Kaufman, Leon, 80 Siebel
Kay, George J., 1217 Gates av
Keating, Geo. H., 635 Wythe av
Keegan, John C., 849 De Kalb av
Keegan, William, 319 Graham av
Keegan's, William Sons, 345 Furman
Keenan, Jas. J., 39 Raymond
Keenan, James & Son, 948 Fulton
Keller, Frank, 187 Hamburg av
Keller, Fredk W., 1840 B'way
Kelly, Eugene S., 758 Myrtle av
Kelly, James I., 91 Ralph av
Kelly, John, 29 Hicks
Kelly, M. F., 4705 4th av
Kelly, Thomas, 681 Gates av
Kelly, Thos. J., 1937 Dean
Kelly, Wm. J., 632 Coney Island av
Kennedy, William P., 1385 Bedford av
Keogh, Edward, 482 Court
Kiely, P. J., 104 Atlantic av
Killian, Joseph P., 458 De Kalb av
King, Philip F., 20 Halsey
Kinney, John T., 3 Brooklyn av
Kinsella, W. J., Sheepshead Bay rd, c Jerome av
Kirchner, Fred., 441 Met av
Klein, Fredk., 50 Woodhull
Kleinau, Aug., 880 Myrtle av
Klinge, Julius E. & Son, 248 St. James pl
Kraemer, George, 57 Hamburg av
Kramer, Fred. C., 460 B'wick av
Kreiner, Wm. H., 94 N 1st
Kunz, Fredk., St. Marks av c Utica
Lahey, Timothy, 237 Hoyt
Lamb, Geo., 500 Pacific
Lambert, Eugene A., 182 De Kalb av
Lampard, Geo. T., 528 Central av
Lane, Nathaniel H., 385 Nostrand av
Larkin, F., 300 Court
Larsen, Geo. O., 198 32d
Lauhe, Julius, 462 Gilmore av
Leach, Francis, 1101 Fulton & 441 Lewis av
Leary, Benj., 50 Cook
Lee, John R., 5619 3d av
Le Fevre, Jules P., 123 Graham av
Lehmann & Miller, 123 Graham av
Leinfelder, Bernhard, 430 E New York av
Lengenfelder, George, 36 Sumner av
Lennon, Hugh J., 765 Fulton
Lenz, Wm. C., 762 3d av
Levine, John, 678 3d av
Levy, Benj., 50 Cook
Lewis, Wm. J., 660 Fulton
Lieb, Henry, 125 Osborn
Lider, Barnett, 115 Seigel
Lieb, Henry, 125 Osborn
Linbarger & Henning, 1192 Bedford av
Lindahl, Peter, 346 6th
Lockwood, John, 207 De Kalb av
Loeble, Fred C. & Son, 230 Lewis av
Loehr, Henry H., 205 Hamburg av
Lohse, William, 401 Berry & 927 Myrtle av
Lord, John, 1120 Bedford av
Lowe & Gallagher, 766 Marey av
Lower, Louis K., 711 Leonard
Luhrs, Louis H., 260 Heyward
Lynch, Chas. A., 671 Herkimer
Lynch, Wm. F., 4417 5th av
Lyon, John E., 1506 B'way
Lyons, James J., 334 Hamilton av
McArdell, John W., 138 Jay
McBride, J. J., 689 4th av
McBride's, Bernard J. Sons, 150 York
McCann, John S., 125 39th
McChesney, Richard H., 86 ft Greene pl
McCormack, Jas., 309 Bedford av
McCormack, Jos. F., 643 Park av
McCormick, Edw. L., 341 Clifton pl
McCormick & Knox, 105 Broadway
McCrodden & Search, Conklin av nr E 94th
McCue, James J., 1802 Fulton
McElraevy & Hauck Co., 440 B'way
McEnaney & Cathers, 175 Division av
McEntee, Patrick, 985 Gates av
McEvoy, Timothy J., 665 58th
McGarvey, Alex., 140 Vanderbilt av
McGee, Geo. S., 255 Court
McGovern, John E., 137 Ryerson
McGrath, M. J., 262 Carlton av
McGuiness & Hill, 63 Ashland pl
McGuire, Patrick J., 64 Hudson av
McKenna & Hamilton, 351 7th av
McKeon, Patrick H., 211 Classon av
McManus, James, 96 Dikeman
McMullen, Patrick, Laurence av nr Ocean Parkway
McNamara, Edw., 155 Broadway
McNeill & Collins, 160 7th av
Macdonald, Ed., 98 Cedar
Mackie, R. & Co., 428 De Kalb av
Madden, Thomas J., 131 Atlantic av
Maguire, Thos., 383 Glenmore av
Maher, John F., 101 S Portland av
Malone, M. A., 642 Nostrand av
Maloney, Martin F., 1091 Atlantic av
Manneschmidt, Jaeob, Jr., 966 Myrtle av
Mantel, Charles, 304 Bedford av
Manneschmidt, J., 966 Myrtle av
Mark, Andrew, 84 Morgan av
Mark, G. J., 150 Wyckoff av
Marrin, H. J., 309 Atlantic av
Marriott, Harry, 333 Flatbush av
Marshall, George F., 115 S 3d
Martin & Benas, 2 McDonough
Matthews, Edward, 2643 Fulton
Matthews, John T., 288 Division av
May, Richard C., 577 6th av
Mayerhofer, John F., 2931 Fulton
Meehan, James J., 494 Myrtle av
Meehan, Joseph P., 631 Vanderbilt av
Meeks Bros., 5114 5th av
Meister, Jos., 776 3d av
Meng, Geo. P., 3 Hull
Mentzinger, Christian F. & Son, 356 B'way
Mentzinger, Theo. D., 216 Broadway
Meyer, Hy. W., 1542 B'way & 1183 Putnam av
Millea, Jos. M., 2748 Atlantic av
Miller, Max, 491 Stone av
Miller, James, 209 Prince
Minden, David, 305 Wyth av
Minus, W. J. & A. E., 349 Court
Molten, Charles, 3d av v 86th
Moran, Jas., 1431 Fulton
Moran, Thomas A., 68 Myrtle av
Morgan, Owen, 707 Gates av
Morgan, Wm. I., 333 Tompkins av
Morris, John, 133 Ralph av
Motzer, Wm., 3d av nr 73d
Moylan, John J., 399 Classon av
Moyles, John S., 160 Lee av
Muller, Edw., 712 Evergreen av
Muller, H. E. & Son, 173 Court
Muller, John P., 67 Court
Mullen & Kehoe, 276 Smith
Mulligan, Martin F., 4012 New Utrecht av
†Munkenbeck Bros., 88 SHamilton av
Murray, Matthey W., 886 Pacific
Murray, Wm. H., 261 Bainbridge
Naab, Frank, 389 18th
Nelkenstocke, Henry, 363 Evergreen av
Nesselowitz, Lena, 175 Osborn
Newmark & Joffe, 98 Thatford av
Noble, H. M., 484 Tompkins av
Nolen, Wm. F., 319 Baltic
Oberteuffer, Ed. M., 323 Nostrand av
O'Brien, Frank L., 632 Myrtle av
O'Brien, John F., 740 4th av
O'Brien, Thos. E., 508 3d av
O'Connell, Edw. J., 232 Sumner av
O'Connell, Jos., 63 Main
Oettlin, Gustav, 792 Gates av
O'Hare, A. Michael, 4814 3d av
O'Keefe, Wm. C. & Son, 5506 3d av & 467 5th av
Olches, Albert G., 57 Bergen
Olches & Helk, 5405 5th av
Oliver, Frank S., 616 Kosciusko
O'Mara, John J., 1385 B'way
O'Neill, Jos. R., 103 Willoughby
Ortleib, Joseph F., 1058 B'way
Ostheimer, Wm. H., 385 7th av
Oswald, Jos. P., 636 Liberty av
Overton, William H., 77 Sands
Pardue, H'y T., 141 Pulaski z
Parsons, Henry W. B., 328 Tompkins av
Paterson, John, 370 Myrtle av
Paterson, John P., 1204 Fulton
Pearce, John W., 206 Linwood
Peavy Bros., 1095 Flatbush av & 497 Franklin av
Pescia, Joseph, 326 42d
Pfadenhauer, John, 181 Stagg
Pfeiffer, Martin, 2454 Pitkins av
Piercy, Wm. J., 96 Reid av
Pitt, Wm., 69 6th av
Platner, Ferd., 676 Grand
Polatschek, Isaac, 117 Meeker av
Poole, Wm. C., 227 Lewis av
Pope, Wm., 260 Prospeet
Pope, Wm., Jr., 376 9th
Poppe & Farrington, 674 Manhattan av
Preiss, Louis & Co., 281 Evergreen av
Prout, Jas. D., 616 E 29th
Purcell, Benj. T., 3d av n 74th
Quick, Hewlings H., 577 De Kalb av
Quiek, Louis E., 3317 Av 1
Quinlan, John P., 12 Bushwick av
Radcliffe, Thos. H., 793 Flatbush av
Read, John H., 156 Gates av
Reaney, Wm. A., 1065 Bedford av
Reek, Edmund H., 870 Met. av
Reeves, Chapman S., 1020 Gates av
Reilly, Hugh, 1017 De Kalb av
Reilly, John A., 1609 Fulton
Reiners, Geo. E., Bay 19th n Bath av
Reynolds, Geo. G., 374 Kosciusko
Reynolds, Isaac, 124 B'way
Rice, John, 369 Halsey
Richter & Schwartz, 84 Varet
Riese, Geo., 38 Skillman av
Riker, Fred. H., 160 Ralph av

Riker, Wm. E., 973 Gates av
Robins & Dolfinger, 474 Halsey
Robinson, Hy. J., 371 Graham av
Roche, Wm. J., 64 Henry
Rogers, Chas. F., 344 Hamburg av
Rogers, James, 415 Tompkins av
Rogers, Wm. H., 117 S 8th
Rogers Bros., 1845 Fulton & 1226 St. Marks av
Roper, Thos. J., 5711 5th av
Rosenthal, Jos., 274 B'way
Rothar, H. P., 7 Eldert
Rowan, Jas. J., 757 Gates av
Rowan, W. H., 745 Gates av
Ruegamer & Auer, 793 Myrtle av
Ruscher, Ernest, 1586 B'way
Russell, D. M., 684 Wythe av
Russell, Robt. B., 145 Driggs av
Rutz, C. & Son, 1467 Myrtle av
Ryan & Miller, 310 Van Brunt
Ryan & Ryan, 344 Court
Salt, Thomas, 15 Tillary
Salter, John F., 22 Hicks
Samuel, Henry J., 36 Reeve pl & 24 Sherman
Sands, Alfred B. & Son, 134 Beekman, Mhtn.
Sands, John W., 5613 5th av
Scally, Edward H., 527 Henry
Satilly, Chas., 1664 Pacific
Schantroch, Frank, 377 Quincy
Schear, Harris, 151 Christopher av
Schenk, Henry F., 180 Montrose av
Schirrmeister, Andrew, 18 Central av
Schirrmeister, Chas., Jr., 8 Tompkins av
Schirrmeister, John, 601 Gates av
Schirrmeister, Wm., 3021 Fulton
Schmildling & Caddo, 1394 Myrtle av
Schmidt, Gustav A., 344 Liberty av
Schoeneck, Frank & Son, 165 3d av
Schoeppler, Chas. M., 1262 Gates av
Schwartz, Jacob, 151 Thatford av
Schwartz, Sam'l W., 84 Varet
Scott, John M., 2926 Atlantic av
Scott, Jos. C., 1621 B'way
Scott, Wm., Jr., 859 Union
Seaman, Walter C., 30 Troy av
Seidensticker, Hy. W., 352 Livingston
Seinsoth, Louis, 1556 Fulton
Shanley, Louis J., 156 High
Shapiro, Philip, 150 Throop av
Sharkey, John, 42 Rockaway av
Shea, David, 329 Franklin av
Sheehan, Wm., 200 Greenpoint av
Shelly, Edward F., 264 Bergen
Sheppard & Kellett, 129 Atlantic av
Sheridan, John J., 87 Utica av
Shevlin, John, Jr., 595 Met av
Shevlin, Michael J., 7 De Kalb av
Sibree, Jos. P., 1194 B'way
Sichel, Adolph, 783 Grand
Sidney & Co., 1699 Fulton
Simon, Philip, 38 Seigel
Simpson Bros., 456 Court
Sinclair Bros., 535 Vanderbilt av
Singer, Morris, 109 N 6th
Sleeper, Wm. H., 1040 Broadway
Smith, Geo. A., 99 Pineapple
Smith, Wm., 79 Franklin av
Smith, Wm. F., 719 Herkimer
†Smyth, Geo. W., 684 Fulton
Snedeker, Wm., 293 Graham av
Solomon, Sam'l E., 112 Thatford av
Sopher, Henry F., 655 Liberty av
Spenke, Wm. H., 384 17th
Spitzer, Samuel, Sea Breeze av nr W 5th
Stauder, Isidor, 74 Leonard
Steif, Harry, 441 Rockawey av
Steurer Bros., 565 Bushwick av
Stewart, John, 256 S 1st
Stone, David, 404 Bushwick av
Stone, Simon, 310 B'wick av
Stoughton, Jas. C., 33 Flatbush av
Strohm, Chas. & oSns, 344 Atlantic av
Styne, Anna, 333 Tompkins av
Sullivan, Dan'l F., 3d av nr 79th
Sullivan, Hugh, 158 Park av
Sullivan, Michael J., 1876 Atlantic av
Sullivan, Jas. F., 821 Gates av
Sutphin, James G., 646 Mhatn. av
Svenson, Oscar E., 1 Wallabout Market
Swan, R. & S. T., 336 B'way
Sweeney, Jas. E., 375 Atlantic av
Tallent, Henry T., 461 De Kalb av
Tate, Robt. W., 1230 B'way
Taylor, John, 583 Glenmore av
Teaken, T. J., New Utrecht nr. 57th
Terry, David E., Jr., 242 Linwood
Thatcher, Jas., 275 Bridge
Thoma, Chas., 118 Adams
Thomas, Chas. R., 2150 Fulton
Thompson, Frank, 196½ Flatbush av
Tiebout, Edward, 760 Manhattan av
Tierney & Lynch, 1772 Fulton
Till & Smith, 901 Flatbush av
Tilly, Chas. A., 754 Nostrand av
Tracy & Heslin, 861 Bedford av
Traecy, Jas. A., 248 Smith
Troy, Wm. S., 160 Penn
Tully, Patrick J., 558 4th av
Tuohy, Patrick J., 476 Sumner av
Turner & Whitford, 411 Nostrand av
Tweed, John E., 30 Rochester av
Unterreiner, John, 480 Bushwick av
Valentine, Conrad, 1195 Myrtle av & 654 Bushwick av
Vaughan Bros., 88289 Flatbush av
Veith, C. W., 640 4th av
Voelbel, E. J., 187 Clymer
Vogelbach, John B., 378 S 1st
Volckner, Wm. R., 4709 3d av
Volz, Geo., 16 Hamburg av
Wagner, Wm. P., 599 Bushwick av
Wahl, John, 13 Thames
Wakefield, Peter J., 495 6th av
Walker, Andrew, 2148 Fulton
Walker, Henry, 1113 De Kalb av
Walker, Wm. F., 132 Park av
Walsh, Edw. J., 243 Franklin av
Walsh, John J., 468 Myrtle av
Walsh, Stephen, 2270 Pitkins av
Walsh, Thos. J. & Son, 468 Myrtle av
Warren, Robt., 336 22d
Waters, E. W., 396 Court
Watson, Wm., 313 Grand av
Wedge, Alfred H., 669 Nostrand av
Weisbrod, Max J., 5 Cook
Welch, Robt., 260 Nostrand av
White, Edw. A., 444 1st
Whitmore, Lawrence J., 199 Hoyt
Wichmann, Henry, 343 Central av
Widlake, Henry, 1156 Fulton
Wifert, John & Co., 490 Bushwick av
Williams, Geo., 917 Fulton
Williams, Henry, 508 B'way
Williams, John J., 1436 Atlantic av
Williams, Wm. E., 766 Fulton
Williams, C. W. & Son, 1021 Lafayette av
Wills, Chas., 222 Jackson
Wood, George, 284 Reid av
Wood, Jas. R. H., 73 Clymer
Woods, Thos. H., 415 Hudson av
Wright, Andrew L., 1723 Fulton
Wyburn, J. F., 844 Gates av
Young, Henry, 203 Knickerbocker av
Young, Robert, 249 Nostrand av
Zimmerman, Carl, 562 Graham av
Zimmerman, Jos., 193 Throop av
Zimmerman & Demmerle, 115 Hamburg av & 361 S 4th

Boroughs of Manhattan & Bronx

NEW YORK—Ackerman, Chas. C. W., 1362 Webster
Ackerman, Chas. W., 250 Brook av
Ackerman, Wm., 588 E 143d
Ackerman, Wm., 300 W 121st
Ahrens, Jacob J., 2010 Amsterdam av
Alfonso, Pepe, 106 Macdougal
Allan, Wm., 203 E 15th
Altman, Henry, 101 St. Marks pl
Andrews, Geo. A., 3164 3d av
Angus, Adam, 827 Columbus av
Ariovich, Aaron N., 296 Broome
Armsburg, Hy., 1991 Lex av
Armstrong, Jas., 52 Day
Aronowsky, Sam'l, 228 Division
Askey, Chas., 1663 Av A
Auerbach, Chas., 653 E 140th
Auskulat, Herman, 1154 3d av
Auty, Frank, 234 9th av
Bach, Wm., 428 E 82d
Badum, J. E., 1273 Madison av
Bailey, John, 66 Elm
Bailey, Wm. J., 16 Bradhurst av
Baily, Wm., 771 Columbus av
Baker, H. T., 315 W 54th
Baltes, Fred., 203 Forsyth
Balze & McConaghy, 318 W 21st
Banks, Peter, 923 3d av
Bannon, Francis M., 16 Marion
Barandon, Geo., 311 Amsterdam av
Barbig, Edw., 900 3d av
Baris, Michael, 504 W 39th
Barnett, Chas. W., 118 W 26th
Baron, Jos. & Co., 502 E 12th
Baron, Michael, 190 W. B'way
Barratt, Oliver, 63 Wash'n sq S
Barrett, Thomas, 446 3d av
Barry, John H., 1900 B'way
Barry, Richard J., 125 E 59th
Barth, Ignatz J., 110 University pl
Barth, Max, 13 Pitt
Bartheld, Wm. F., 223 E 53d
Baum, J., 748 Columbus av
Baumgarten, L., 62 Clinton
Baumgartner, John, 581 11th av
Baxter, Sam'l, 34 Canal
Beaver Bros., 201 W 24th
Beck, Chas. & Bro., 598 9th av
Beck, Geo. H. & Son, 1515 1st av
Beck, Wm., 979 3d av
Beckert, John H., 2061 Madison av
Beckster, Sam'l, 34 Canal
Beer, Wm., 333 W 38th
Begen Bros., 2614 8th av
Beik, John, 311 Willis av
Bekin & Natelewitz, 46 Pike
Bellion, Nicholas, Columbus av, Van Nest
Bellock, J., 378 2d av
Bender, Jas. T., 138 E 56th
Bendell, Hy., 252 St. Nicholas av
Berbert, Geo. J., 1609 Wash'n av
Berengarten & Willinsky, 249 E 10th
Berg, Albert, 1193 3d av
Berg, Henry, 2233 2d av
Bergman, Abram, 45 Jeff
Bergman, Louis F., 104 W 25th
Berkman, Abram, 30 Pike
Berliner, Julius, 50 Rivington
Berman, Bernard, 261 Henry
Berman, Michael, 43 Forsyth
Bernstein, Paul, 417 Grand
Betts, Chas. H. G., 200 E 18th
Beyrodt, Alfred, 1093 Dawson
Bierbaum, Joseph, 53 Bond
Biesele, Edw., 204 Wooster
Bilz, Wm. C., 105 E 59th
Bingham, Wm. H., 2415 B'way
Bishop's, Wm. Sons (Ship Plumbers), 205 South
Bitz, Chas. J., 52 Columbia
Black Bros., 142 St. Nicholas av
Black, L. & Bro., 148 Clinton
Blackburn, Alfred, 1677 Amsterdam av
Black, Lazarus, 80 Essex
Blair, John P., 112 W 38th
Blake, Philip, 336 Hudson
Blaustein, Aaron B., 203 Chrystie
Bleiberg, Julius, 170 Suffolk
Bligh & Engel, 410 4th av
Bloch, Joseph, 232 E 76th
Blum, Louis, 99 Suffolk
Blum B. & Co., 158 W 33d
Bolger, Paul S., 378 Park av
Boller, Frederick, 229 Stanton
Bolotowsky, Max, 299 3d
Borst, John F., 407 E 77th
Bosley, Frank, 364 W 53d
Boss, Wm., 304 E 98th
Bossert, Samuel A., 437 Lenox av
Boswell, Michael F., 263 W 125th
Bowitz, Sam'l, 204 E 54th
Bowker, Alfred, 694 8th av
Bowman, John A., 520 Pearl
Bowsky, Harry F., 164 E 52d
Bowsky, Leopold, 164 E 52d
Boyd, John, 274 Columbus av
Boye, Chas., 818 E 134th
Boyle, Edw. F., Jackson av & Van Nest, & W Farms rd, Westchester
Bracken, Jas. P., 610 10th av
Bradicich, Albert & Geo., 2 Goerck
Brady, Edw. J. Co., 79 Warren
Brady, Philip, 863 6th av
Brady, Thos. J., 1050 Lexington av
Braender's Automatic Cellar Drainer, 4 W 102d
Breen, Thos. F., 4220 3d av
Breen & Ryan, 963 E 184th
Brennan, Francis J., 352 E 177th
Brenner, Wm., 83 Bleecker
Breuning, Augt. P., 354 E 84th
Britt, Michael H., 998 2d av
Brogan, J. A., 4171 3d av
Brown, Aaron, 265 10th av
†Brown, Andrew H., 1777 B'way
Brown, Chas. H., 249 Mercer
Brown, Geo. B., 76 E 125th
Brown, Isaac J., 166 E 82d
Brown, Samuel, 207 Clinton
Browne, Wm. F., 125 W 24th
Bruhns, Chas. A., 2167 B'way
Brutton, John W., 301 W 30th
Bryan, Wm., 222 W 50th
Bryan, Wm. D., 2792 3d av
Bryant, Alex. Co., 1 Madison av
Buchanan, John, 67 W 54th
Budde, Frank, 1829 Lexington av
Buge, Bernhard A., 337 E 14th
Bulloss & Campbell, 58 W 21st
Bunning, H'y, 25 E 10th
Bur, Emil A., 39 E 8th
Burbridge & Bro., 232 8th av
Burke, John J., 636 E 146th
Burke, Joseph M., 670 E 152d
Burke, Thos. F., 187 Columbus av
Burton, Thos. H., 909 E 183d
Buser, Fred'k A., 1341 Tremont av
Butcher, Henry S., 754 6th
Butcher, Robt. E., 753 6th

Byrne, Thomas J., 377 4th av
Byrne, Thomas J., 279 E 10th
Byrne & Murphy, 890 Park av
Byrnes, Michael, 405 W 53d
Byrnes & Brady, 445 7th av
Byrns, John, 734 Lexington av
Byron, Chas., Jr., 311 6th
Cagney, John J., 404 E 60th
Cahalin, Jas. J., 2253 7th av
Cahn, Benj., 1353 5th av
Cahill, Thos., 2164 2d av
Calkin, Harvey C. Jr., 177 Christopher
Callaghan, Francis, Jr., 201 E 33d
Callaghan, John, 1409 Lexington av
Callahan, M. J., 158 Varick
Callan, John, 503 W 42d
Callan & Hurley, 2460 7th av
Canavan, Michael, 112 W 100th
Carber, Philip, West Farms rd
Carey, James J., 93 Greenwich
Carlier, Louis, 750 6th av
Carmichael, Colin S., 493 9th av
Carmichael, Robt., 432 7th av
Carney, Thos. F., 1687 Amsterdam av
Carney, Wm., 96 8th av
Carpenter, A., 103 N Moore
Carroll, Daniel (Est. of), 53 W 33d
Carroll, George, 4 E 116th
Casazza, Angelo, 169 Worth
Casey, James, 253 W 49th
Casey, Lawrence, 1889 Crotona av
Casey & O'Brien, 2790 B'way
†Cash, Daniel M., E 220th nr 4th av, Williamsbridge
Caslin, J. M., 139 Centre
Celia, Frank, 310 E 115th
Chambers, Benjamin, 626 Hudson
Chambers, John A., 626 Columbus av
Chesler, Jacob, 212 7th
Chevers, Lawrence, 809 6th av
Christ's, John C. Son, 263 William
Christie, Thos. P., Main st, C. I.
Ciaffone, Lorenzo, 112 Thompson
Claffoni, Chas. A., 238 Mott
Claffoni & Bro., 232 Bleecker
Clark, B. J., 1926 Lexington av
Clark, F. J., 504 W 53d
Clark, Samuel Co., 430 4th av
Clark, Wm. G., 678 8th av
Clarke, Richard J., 302 E 23d
Clarke, Wm. D., 1923 Wash'n av
Clarke, F. J., 162 E 105th
Cleary, Michael E., 1061 1st av
Clayton, Patrick J., 217 E 83d
Cleary, P. F., 626 8th av
Clemens, Frank, 44 E 8th
Clifford, Michael, 108 Trinity pl
Clinchy, Thos. Co., 93 Lexington av
Clune, Daniel J., 228 E 42d
Cobb, Frank, 176 Greenwich
Cochenour, Wm. M., 234 W 116th
Cochrane, Thos. & Son, 222 W 36th
Coffey, J. F., 184 E 119th
Coffey & Coleman, 1221 Park av
Cohan, Max, 885 1st av
Cohen & Bernstein, 127 Henry
Cohn, Jacob, 190 Wooster
†Collins & Co., 175 E 116th
Commerford, Patrick J., 963 Columbus av
Condren, Wm. J., 409 E 18th
Conklin, W. J., 164 W 29th
Conlan, Jas., 1034 E 180th
Connell, John J., 60 Cherry
Connolly, Francis, 546 2d av
Connolly, Thomas, 74 W 38th
Conran, Wm. F., 305 Pearl
Conway, Patrick G., 28 Old Slip
Cook, Wm. J., 2532 7th av
Cooke, Jas. J., 81 E 52d
Coolcy, John D., 550 3d av
Cooney, John W., 355 W 26th
Cooper, Jacob H., 904 8th av
Cooper, Jos., 2027 2d av
Cooper, Thomas I., 1556 B'way
Cooperson, Louis, 26 Suffolk
Copman, Chas., 444 2d av
Corker, S. J., 134 E 109th
Corkery, Jos., 358 W 41st
Corley, J. J., 325 W 54th
Costello, John F., 468 7th av
Coyle, Wm. & Jos., 1050 Park av
Coyle & Baaden, 81 Maiden Lane
Crane, Jas. R., 956 Lexington av
Cranston, Wm. H., 93 W 134th
Creeden, John D., 206 Amsterdam av
Croake & Schultheis, B'way cor Hyatt
Crotty, Danl. J., 4770 3d av
Crotty, John F., 232 E 121st
Crowell, Sam'l C., 1212 3d av
Crowley, Fred'k D., 71 4th av, W'msbridge
Crowley, M. J., Heath av, Kingsbridge
Cruser, W. B., 219 E 34th
Cully, J .S. & Co., 102 W 105th
Cummings, Richard, 385 Hudson & 2073 7th av
Cummins, Thos. J., 1035 3d av
Cunningham & Bradley, 2460 B'way
Cunningham, Thos., 172 E 62d
Curtin, John, 129 W 28th
Curtis, Geo. E., 1104 Lexington av
Cuthbertson, J. W., 703 Amsterdam av
Daley, Michael J., 2142 5th av
Daley, Tnos. J., 1688 B'way
Daly, Dennis F., 167 W 31st
Daly, Philip, 807 6th av
Damm, J. H., 301 W 133d
Dan, Abraham, 80 Pike
Danner & Flanagan, 35 Jane
Darling, Geo. A., 16 8th av
Darmstadt, Chas. H., 730 9th av
Davidson, Aaron, 112 Monroe
Davis, E., 190 2d
Davis, Jas. E., 26 W 31st
Deady, Daniel J., 105 W 97th
Deady, J. J., 146 E 16th
Deckinger, J., 138 E 73d
Deering, James A., 957 Forest av
Deering, John, 456 W 32d
Degen, Jacob A., 210 E 23d
De Graw, K. Jesse, 2280 B'way
Deickerman, Henry, 35 Mhtn av
Deigan, David, jr., 400 Columbus av
Deitz, Hy., 248 E 119th
Delaney, D. L., 590 Fordham rd
Delancy, Jas. J., 341 1st av
Delany, Jeremiah J., 467 4th av
Delling, S., 183 W 102d
Dellon, Geo., 258 E B'way
Deutsch, Jos., 517 5th
Devine, John H. Jr., 1114 E 165th
Devoe, H. B., 515 Columbus av
Diamond, J. & Son, 425 6th av
Diamond Bros., 318 8th av
Dickholtz, Max, 270 Rivington
Dickinson, Patrick F., 587 Amsterdam av
Diehl, L. & C., 301 E 88th
Dietz, Henry, 248 E 119th
Dodds, Wm. J., 363 Pearl
Doellner, Wm., 214 W End av
Doernberg, Wilton J., 81 St Nicholas av
Donnelly, Frank, 201 W 83d
Donnelly, Gerald, 365 W 22d
Douohoe, B. F., 1112 Park av
Donohue, Matthew F., 2564 B'way
Donovan Bros., 101 E 79th
Donovan, John E., 117 W 26th
Donovan, V. P., 856 2d av
Doody, Christopher J., 451 Columbus av
Dooley, O. R., 1687 Washn. av
Dorn & Bro., 181 7th
Doscher, Geo. E., 214 E 38th
Dotzler, Frank J., 244 3d
Downey, Edw., 543 E 85th
Downey, Jos., ft Schuyler rd, Throggs Neck
Doyle, Jas. M., 555 E 122d
Doyle, Peter, 877 9th av
Drennan, Robt., B'way c Hawthorne
Ducey, John F., 1960 B'way
Duffy, John J., 214 10th av
Duffy, Jos. D., 150 E 23d
Duffy & McConnell, 132 E 17th
Dumey, Michael, 240 Clinton
Dunker, Wm., 493 10th av
Durand, Fred'k, 597 E 135th
Durie, David, Jr., 700 Tremont av
Durkin, Luke J., 1075 3d av
Dyer, John, 34 Church
Earle, Jas. Jr., 100 W 107th
Eberhart, F., 1462 1st av
Edgar, Robert Jr., 429 Hudson
Edington, Jas. H., 74 Fulton
Edmiston, Henry M., 1370 Av A
Edzant, Louis, 242 Madison
Eich, Edw. L., 956 E 165th
Eich, Philip, 1412 2d av
Elder, John, 3 E 135th
Eldridge, B. P., 1017 E 133d
Elgar, John H., 477 9th av
Elkan, Julius, 1404 3d av

ELLIS CO. ("Ellis" System of Marine Plumbing), 216 W 23d New York. (See adv. index, end of book)

Emminger, Chas. R., 934 6th av
Engel, Jacob, 44 Suffolk
Engel & McMahon, 29 St. Marks pl
Epstein, Julius, 118 Madison
Erb & Mattocks, 882 Amsterdam av
Erfort, Geo. F., 443 W 37th
Esposito, Thos. C., 110 Water
Essig, Geo. I., Jr., 37 Hancock pl
Ettinger, Simon, 35 Henry
Euell, Paul, 1665 Amsterdam av
Euvrard, Louis J., 65 Spring
Evertsen, Asmus D., 223 Willis av
Eynon, Geo. H., 45 Grove
Fabre, Paul, 203 W 25th
Fagus, Julius, 2124 2d av
Fahy, Jas. E., 525 Amsterdam av
Falihee, John J., 203 W 82d
Falky, John J., 64 Carmine
Farraher, Patrick J., 2713 8th av
Farrell, Edward J., 447 E 149th
Farrell, Henry, 2265 Bathgate av
Farrell, John, 234 Fulton
Farrell, J. P., 1044 E 180th
Fash, Chas., 190 7th av
Fay, Edward, 648 E 9th
Fay, James, 205 E 51st
Federroll, Rudolph, 267 W 35th
Fee, Frank J., 411 W 32d
Feery, Patrick J., 205 E 30th
Fecry, Thos., 205 E 30th
Fehlinger, Jacob, 287 1-2 Bowery
Fehlinger, Nicholas, 16 N William
Feldman, J. M., 44 Forsyth
Ferrara, Jos., 303 E 107th
Ferry, Francis H., 2289 2d av
Fetzer, Leonard, 15 York
Fiero, Wm. H., 307 W 114th
Finegan, Jas. H., 820 1-2 E 161st
Finestone, Karl R., 1762 1st av
Finian, John M., 1748 Amsterdam av
Finn, Bernard W., 10 Prince
Fischbeck & Sallwey, 870 9th av
Fischer, Reuben, 290 2d
Fischer, W. H., 2297 8th av
Fisher Bros., 12 Morris
Fisher, C., 260 2d
Fisher, Geo. H., 1683 Lexington av
Fisher, Robt. H., 187 9th av
Fitchett, A., 144 Chambers
Fitzgerald Bros., 98 James
Fitzgerald, Jas., 1517 Madison av
Fitzgibbon, Gerald, 109 Canal
Flach, Thos., 3395 3d av
Flanagan, Francis, 163 E 54th
Fleming, John J., 64 W 116th
Flood, Eug. J., 682 6th av
Flood, Geo. W., 203 E 62d
Flood, James A., 18 W 65th
Fogel, Morris, 146 Attorney
Folbe, Louis, 1744 Lex. av
Foley, James, 147 E 33d
Foley, John J., 2367 3d av
Foley & Keesing, 407 E 117th
Ford, John, 164 W B'way
Fornfinne, Fred. W., 4070 3d av
Foster, Benj. J., 250 W 35th
Foster, Geo. W., 1725 Park av
Foulis, David, 259 W 118th
Foulis, Wm. H., 164 St. Nicholas av
Fowler, W. J. Co. (Inc.), 2157 7th av
Fox, Benj. F., 132 E 32d
Fox, J. & P., 1303 Brook av
Fox, Thomas F., 472 4th av
Francis, W. H. Jr., 759 Melrose av
Frank, Otto, 90 Bleecker
Frankenstein, Wolf, 40 W 3d
Fraser, C. & Co., 252 W 29th
Frawley, T. T., 2306 S Boulevard
Frederick, Chas. H. G., 967 1st av
Frey, Matthew, 231 E 29th
Frick, John, 261 W 27th
Friedman, Marcus, 685 Columbus av
Friedman, Samuel, 134 Broome
Fuchs, Isidor, 412 E 86th
Fuchs, O. G., 239 E 42d
Fuchs, Sigmund, 333 Bleecker
Fullen & Lyon, 1710 Amsterdam av
Gabler, Frank, 2272 B'way
Gabriel, G. & Sons, 16 Pike
Gaertner, G., 234 E 81st
Gaffney, Jas. T., 632 6th av
Gardiner, Clarence A., 13 Manhattan
Gardner, Fred. W., 337 E 34th
Gartner, Geo. J., 405 E 14th
Garty, Peter H., 267 W 123d
Garvey, Henry P., 301 10th av
Garvey, J. J., 1237 3d av
Gaskin, M. J., Tryon row, Westchester
Gaynor, Thos. F., 550 Columbus av
Geary, Geo. N., 502 W 20th
Gellert, David & Son, 5 Av D
George, Samuel, 301 E 63d
Gerber, Julius C., 208 6th
Gercty, John B., 1628 Park av
Gerlach, August, 514 Broome
Gerlach, John N., 431 W 36th
Gerth, Wm., 1625 2d av
Gesslein, Bernhard, 915 Brook av
Gill, John H., 105 Mercer
Gilroy, James, 592 Park av
Ginsberg, J., 55 E Houston
Ginsberg, Louis, 78 Bayard
Gladding, J. M., 24 W 116th
Glas & Balke, 47 2d av
Godwin, John P., 2525 3d av
Goetz Bros., 50 Greenwich
Goldberg, Abraham, 126 E B'way
Goldberg, Isidor, 169 Allen

Goldberg, Louis, 141 E B'way
Goldberg, Michael, 70 Forsyth
Goldberg, Otto, 595 Columbus av
Goldenberg, Morris, 69 E 4th
Golding, M. M., 1933 B'way
Goldman, Nathan, 406 E 15th
Goldstein, H., 1546 Madison av
Goldstein, Max, 8 Chrystie & 133 Madison
Goldstein, Morris, 244 Division.
Goldwasser, Jacob, 1885 2d av
Gonsky, Louis, 289 8th av
Goodman, Otto, 1724 Madison av
Gordon, E. B. & Bro., 61 E 126th
Gordon, Jas. F., 235 E 81st
Gordon, John J., 101 W 131st
Gordon, Wm. V., 717 Cauldwell av
Gorman, Edw. J., 1059 Ogden av
Gorman, M. & Bro., 988 6th av
Gorman, Peter F., 13 Greenwich
Gorman, Thos. J., 126 William
Gormlay, Jas., 894 1st av
Gormlay, John, Westchester av, Unionport
Grady, Wm., 351 8th av
Graf, John, 154 Canal
Graham, Jas., 1303 Amsterdam av
Graham, John H. & Son, 52 Union sq E
Graham & Murphy, 1845 Park av
Gray, James, 86 Columbus av
Gray, Wm. H., 175 E 123d
Grazier, P. M., 584 E 134th
Greater N. Y. Plumbing & Roofing Ins. Co., 2349 1st av
Green, Louis, 971 Columbus av
Greenbaum, Chas., 171 3d av
Greenberg, Louis, 85 Norfolk
Greenberg, Simon, 85 Norfolk
Greene, Patrick, 1026 3d av
Greenstein, Wolf, 529 E 13th
Greenwald, Sam'l, 67 Clinton
Greenwald, Sandor, 277 2d
Gregory, John, 47 Market
Gress, John G., 171 E 92d
Griffin & Prior, 566 W B'way
Griffen & Seddon, 105 W 44th
Grimes, James, 108 Broad
Grobholz, Peter & Co., 2213 8th av
Grohman, Hyman, 1990 2d av
Gronich, Chas., 76 Clinton
Gross, Jos. F., 1125 Lexington av
Gross, Otto, 45 E Houston
Grossman, Julius, 46 St. Lawrence av, Westchester
Grossman, Morris, 228 2d
Grundfast, Sam'l, 68 Washn. sq S
Grundmann, T. A., 421 10th av
Guerr, Louis, 168 Willis av
Guinee, Patrick C., 134 E 62d
Gull, John W., 415 Bleecker
Guttman, N., 534 2d av
Guy, James, 403 Amsterdam av
Haas, Hy., 527 Lenox av
Habeck & Fajans, 773 Melrose av
Haber, Kalman, 623 E 9th
Hach, Richard G., 358 3d av
Hackett, Geo., 420 W 146th
Hackett, Thos. J., 956 8th av
Hafner, Philip, 499 Willis av
Hagen, Chas. J., 400 1st av
Haggerty Bros., 584 Lenox av
Haggerty, Dennis F., 356 W 17th
Hahn, John, 1940 7th av
Hahn, John W., 1749 Park av
Hall, Thos., 243 8th av
Hall & Boyle, 140 8th av
Halloran, John J., 241 W 125th
Halpin, John J., 2064 7th av
Halpin, Matthew, 175 E 110th
Halpin, Thos., 1274 Lexington av
Hambrecht, Christopher, 25 Amsterdam av
Hamburger, Geo., 2609 3d av
Hamill, John T., 764 10th av
Hamilton's Sons, 2111 Amsterdam av
Hanify, Jos. E. & Bro., 422 Canal
Hanley, Thomas, 16 University pl
Hannegan & Bonser, 62 W 26th
Haulon, Wm., 361 W 21st
Hannemann, Andrew, 439 5th
Harrison, Jas. W., 2391 1st av
Harry, John E., 151 E 103d
Hartschuh, Adolph, 182 3d av
Hartwig, Walter, 708 Lexington av
Haskell, Benj. F., 199 Varick
Haughey, John, 492 Columbus av
Hay, F. W., 446 W 19th
Heagney, E. F., 75 Barclay
Hecht, F. J., 697 E 155th
Held, Chas. A., 412 W 41st
Heilweil & Davidoff, 36 Montgomery
Henley, Milton C., 1394 Lexington av
Henningsen, August, 707 10th av
Hensle, Charles, 302 W 120th
Hentze, Eug. E., 881 3d av
Herklotz, Gustav, 1692 2d av
Herman, Michael F., 144 W 19th
Herrington, John J., 137 E 56th
Hertel, Frank & Son, 1515 3d av
Heslin, Robt. E., 126 E 40th
Heyn, Fred., 4 E 113th
Hickey, John J., 2131 Lexington av
Higgins, David S., 128 Lawrence
Higgins, W. J., 1985 B'way
Hill, Wm. & Son, 618 6th av
Hindin, Sam'l, 13 Rutgers pl
Hindley, Thos. & Son, 819 6th av
Hirsohn, Isaac, 8 Delancey
Hirt, Adolph, 2583 8th av
Hlawatsch, Leo, 881 Tinton av
Hodge Bros., 3d av, Eastchester
Hoffman, D. C., 1378 Bristow
Hoffmann, Geo., Edwards av, Throggs Neck
Hogan, J. F., 875 Brook av
Hohouser, Herman, 403 E 15th
Holahan, Thos. A., 440 W 125th
Holch, Frank G,. 124 E 4th
Hollenstein, Joseph, 325 E 89th
Hollmann, John, 1193 1st av
Holmes, John F., 612 Columbus av
Honhouser, Henry, 146 E 15th
Hopp, Adolph, 177 E 105th
Horton, Wm. S., 200 W 99th
Hosford, Leonard D., 68 Beekman
Hotz & Casey, 310 W 40th
Howard, James, 112 Cedar
Howe, John H., 225 Columbus av
Howe & Bassett, 1133 B'way
Huber, Chas., 24 Pike
Hudson, Allan, 178 7th av
Hughes, Michael, 1662 2d av
Hughes, Thos., 51 E 9th
Hughes, Wm. P., 317 Greenwich
Hughson, John, 291 Willis av
Huke, Edw., 2712 B'way
Hull, Grippen & Co., 310 3d av
Hurst, Wm., Lane av, Westchester
Hurwitz, Herman, 140 E B'way
Huston & Corbitt, 406 W 52d
Huston, Sam'l, 406 W 52d
Hutchison, A. R. Co., 442 Park av
Hutchison, John T., 253 W 13th
Hyland, Thos., 152 E 41st
Imhof, John, 1000 1st av
Innes, Chas. E., 252 W 47th
Irvin, Ralph V., 154 E 74th
Irving, James A., 1106 Home
Irwin, Richard T., 2018 Amsterdam av
Isaacs, Morris, 1 Jefferson
Isaacson, Aaron, 2274 2d av
Ivans, Thomas J., 7 Cannon
Ivers, Wm. H., 344 4th av
Jack, W. Y. & Co., 618 Lex av
Jackson, Alfred E., 2437 8th av
Jackson, David, 148 E 18th
Jackson, Gustav, 31 Attorney
Jacobs, Edward W., 10 Rector
Jacobwitz, Jacob, 364 E 10th
Jasper & Goebel, 43 W 125th
Jerman's, Thomas, Sons, 346 9th av
Johns, James, 300 E 59th
Johnson, Chas., 1176 Boston rd
Johnson & Gleason, 2057 7th av
Johnston, J. R., 384 Amsterdam av
†Jones, Geo. H., 561 Grand
Joseph, Harris, 1461 1st av
Julig, Wm. J. & Co., 203 Lex av
Jung Bros., 361 Brook av
Kaeck, Robt. A., 58 8th av
Kahn, Sam'l, 100 E 74th
Kaiser, Jacob, 5 W 116th
Kane, Jas., 302 E 55th
Kanter, Philip, 15 Montgomery
Karmiol, Louis, 241 7th
Katz, Louis, 154 William
Katz, Meier, 163 E 4th
Kaufman, Ludwig, 1483 Amsterdam av
Kayfetz, Louis, 177 Norfolk
Kazemier & Uhl, 160 E B'way
Kear, John, 519 W 43d
Kearns, Chas. A., 369 E 123d
Kearns, John J., 648 Amsterdam av
Keefe & Avery, 976 Lex. av
Keller, August E. (Also Ship Plumbing), 136 Beekman
Keller, Conrad, 304 E 53d
Keller, John, 89 Greenwich av
Kelley, Jas. L., 950 Amsterdam av
Kelly, Jas. F. Co., 355 Amsterdam av
Kelly, John J., 1553 Park av
Kelly, Jos., 115 Greene
Kelly, Owen E., 502 W 156th
Kelly, Sam'l, 123 W 25th
Kelly, Thos. J., 1934 Lex av
Kelly, Thos. J., 3485 3d av
Kelly & Fleming, 1783 Amsterdam av
Kennedy, John J., 991 Lex av
Kenny, P. F., 2291 B'way
Kensler, C. A., Boston rd nr Tremont av
Kensler, F. J., 673 Elton av
Keppel & Hansen, 426 4th av
Kerner, Bernhard, 246 E Houston
Kerwin, A., 1073 2d av
Kessler, Chas., 266 W 144th
Kessler, Geo., 1525 Av A
Kessler, S., 109 W 46th
Kesten, Martin, 648 6th av
Kiely, Jas. W., 20 Mangin
Kiely & Stahl, 1123 B'way
Kiernan, Thos. A., 1296 1st av
Kiernan, Wm. J., 161 Pearl
King, Thomas B., 18 John
Kirchofer, Wm., 136 E 76th
Kirkwood, Thos., 415 Lex av
Klausman & Mayer, 2253 3d av
Klein, Augt., 653 2d av
Klein, Isaac, 294 Delancey
Klein, Morris, 111 Goerck
Klein, N., 583 Cortlandt av
Klein, Samuel, 133 W 128th
Klein, Simon, 159 E 110th
Klein, Wm., 2308 1st av
Kleindienst & Greif, 304 3d
Kleinsinger, Frank, 126 Av C
Klenert, Jos., 2110 2d av
Klenert, Wm., 234 E 78th
Klenert, Wm., 38 E 112th
Klenert & Son, 1685 1st av
Klenke, Theo. A., 1122 Madison av
Klett, Martin, 713 E 148th
Kling, Chas., 696 Columbus av
Kneale, Edw., 416 W B'way
Knight, J. N. & Son, 221 W 49th
Knight, Thos. H., 146 William
Koch, John, 163 6th av
Koening, C. C., 844 E 160th
Kolbrener, Peter, 148 Suffolk
Konig, Max, 239 E 75th
Kornmann, John, 169 Av A
Kornblum & Isaacs, 100 Monroe
Kotler, Louis, 51 Henry
Kranichfeld, Chas. H., 258 Rivington
Kraushar, Henry, 209 G'wich
Kreielsheimer, Saml., 207 E 107th
Kretzler, Wm., 105 Maiden la
Kreuter, Geo. E., 232 E 82d
Kroepke, Wm., 382 College av
Kuhn, John J., 184 E 123d
Kuhnhardt, Paul, 306 E 53d
Lachner, John A., 107 W B'way
LaForest, Geo. L., 398 Morris av
Lalor, John A., 348 E 119th
Lanahan, Stephen J., 60 Spring
Lang, Morris, 2042 2d av
Lange, John, 529 W 48th
Lasette & Murphy, 2267 B'way
Lauber, Albert, 521 W 45th
Lauria, Pasquale, 244 Mott
Lavelle, Sarsfield P. H., 162 E 28th
Law, Robert, 89 Barrow
Lawlor, Jas. S., 826 6th av
Lawlor, Wm. J., 93 G'wich
Lawlor & Co., 102 W 47th
Lawrence, Wm., 561 Hudson
Leavy, Edw. J., 16 Willett
Lechner, E. J., 300 E 20th
Leddy, Hugh, 171 E 51st
Leddy, John J., 121 E 10th
Lee, Frank, 2293 8th av
Lee, John J., 863 Columbus av
Lefevre, Josiah P., 145 4th av
Lehman, Henry, 72 W 98th
Lehmann, Edw., 26 1st av
Lehrer, Chas., 924 2d av
Leier, Geo., Garden pl, Wakefield
Leonhardt, N. H., 226 E 76th
Lesher, Samuel, 405 E 17th
Levin, Hyman, 213 Madison
Levine, Abraham, 182 Madison
Levine, Sam'l A., 175 Forsyth
Levins, John P., 140 E 97th
Levitin, Jacob, 250 E 125th
Levon, Abraham, 203 E 52d
Levy, Abraham, 18 E 110th
Levy, Abraham, 297 G'wich
Levy, Chas. D., 1911 2d av
Levy, Lewis, 154 W 10th
Levy, A. & Co., 1589 2d av
Lewis, Leonard, 438 E 80th
Libers, A., 51 Canal
Lichtenberg, Rudolph, 626 6th
Liebegott, Adam, 52 W 8th
Lindsay, Josiah S., 235 E 35th
Linehan, Dan'l, 16 Willett
Linke, Francis, 120 E 117th
Linke, Theo., 1559 B'way
Linson, Wm. H., 372 Lenox av
Lipshitz, Abraham, 264 Cherry
Lipshitz, Isaac, 54 Rutgers
Loden, Herman, 224 E 35th
Loeble, G. E., 45 Grand
Loewe, A., 301 E 116th
Loftus, John P., 2380 Old B'way
Lorber, Sam'l, 353 3d
Lorenzo & Byrns, 82 Madison

Louis, Albert, 106 W 26th
Lowden, Geo., 359 W 54th
Lowerre, Chas. H., 661 E 161st
Ludzinsky, Leo., 424 5th
Lumbine, Wm. L., 688 10th av
Lunny & Handibode, 2555 3d av
Lutz, Ernest, 471 Amsterdam av
Lutz, Ferdinand, 210 Sullivan
Lux, Herbert J., 1023 6th av
Lyman, Chas., 219 W 68th
Lyman, Wm., 366 Mhtn. av
Lyttle, Samuel, 301 W 118th
McAdam, John, 2153 B'way
McAdie, John Jr., 777 Wash'n
McAuley, Thos., 1385 3d av
McCabe, Edw. J., 574 2d av
McCabe, E. J. & Co., 862 Park av
McCann, Lawrence G., 688 Tremont av
McCarron, John, 915 6th av
McCarthy, Jer. J., 2051 Lex. av
McCaul, Thos. F., 2367 3d av
McCauley, Henry W., 907 6th av
McClelland, Jas. H., 213 W 18th
McComb, Jas., 604 8th av
McConkey, Isaac, 684 6th av
McConnell, Louis, 200 E 99th
McConnon, P. J., 375 W 23d
McCormack, Hugh, 271 W 126th
McCormick, Jas., 271 W 126th
McCoy, Wm. J., Webster av n E 200th
McCreery, Hugh, 224 E 57th
McCullagh, James, 661 6th av
McDermott, Roderick, 200 E 37th
McDermott, W. J., 381 Bleecker
McDonagh, John J., 176 E 96th
McElravey, D. & Son, 920 8th av
McEntee, Jas. D., 710 Columbus
McEvily, John V., 875 Tremont av
McEvoy, H. J. (Inc.), 629 Park av
McGinley, James, 240 Spring
McGovern, Edward, 106 E 88th
McGowan, Hugh, 236 3d av
McGowan, Roger, 432 W 38th
McGrath, Daniel J., 991 2d av
McGrath, Dennis J., 70 G'wich
McGrath, John J., 505 Madison av
McGreevy, John, Webster av n E 200th
McGuire, Jas. & Sons, 150 E B'way
McKee, Adam, 175 G'wich
McKeever, T. F., 26 W 13th
McKeon, J. F. & Bro., 184 E 64th
McKnight, Robt. W., 776 9th av
McLaughlin, T. P., 639 6th av
McLaughlin, Thomas, C nr Dyckman
McLoughlin, Wm. P., 639 6th av
McLaughlin & Block, 223 E 106th
McMahon, John T., 309 W 145th
McManus & Welsh, 717 Tremont av
McMillan, Jno. 368 Lex. av
McMurray, Alex., 1949 Amsterdam av
McMurray, Charles W., 1368 Av A
McNevin, Wm. C., 923 6th av
McPhee, August, 255 E 110th
McSherry, Wm. J., 248 E 121st
McSweeney, J., 181 Hester
McVeety, Henry J., 200 E 96th
Mackay, David, Jr. Co., 337 W 19th
Mackenzie, John, 109 W 39th
MacLean, Arthur E., 2386 8th av
Macmahon, Thos. P., 443 Amsterdam av
Madden, Jno., 298 Willis av
Magaldi, Edw., 358 E 113th
Mager, Henry F., 314 W 39th
Maher, Thos. F., 135 E 106th
Maitland, E. H., 373 G'wich
Malaney, Jas., 803 Amsterdam av
Malbin & Kammerman, 922 3d av
Malcolm & Taylor, 627 Columbus av
Malgadi, Emilio, 2203 1st av
Malloy, Thomas, 178 E 85th
Maloney, Peter, 504 5th
Mandel Bros., 414 E 9th
Mandelbaum, Jacob, 16 Orchard
Mann, Richard, 5 Jones
Manns, Geo. W., 152 W 103d
Manz, Fred'k, 637 9th av
Marcus, Abraham, 212 Henry
Marine Plumbing Co., 890 Park av
Marquardt, Fredk., 316 E 14th
Marron, Jno. J., 232 Columbus av
Marsh, Robt., 2 Montgomery
Marsini, John L., 27 Madison
Marta, Michael, 194 Bleecker
Martin, Edw., 455 W B'way
Martin, Geo., 58 W 15th
Martin, Thomas, 156 W 17th
Martin, William, 102 7th av
Marx, Henry, 1 W 116th
Marz, Wm. H., 2 E 133d
Maslin, Joseph S., 344 W 16th
Mauder, Chas. T., 2053 8th av
May, Eugene J., 9 Beaver
Maybe, Jos., 1972 2d av
Mayer, Aaron, 197 Orchard
Mead, Samuel F., 753 7th av
Meade, Patrick, 50 Centre
Meany, James T., 512 E 144th
Meeks, Harry H., 5 W 134th
Meier, Wm., 1961 7th av
Meiers, Fred. H., 1104 2d av
Mellor, Charles, 55 8th av
Mellor, Joseph, 410 W 17th
Mellor, William, 303 Bleecker
Mencher, H. & Co., 263 W 125th
Merckel, Jacob, 1851 Lex. av
Merkel, Christian, 418 E 79th
Messer, Adolph, 270 Av A
Messer, William, 106 Eldridge
Messinger, Max, 316 6th
Meyer, E. W., 16 8th av
Meyer, John J., 86 W 12th
Meyers, David, 76 3d
Meyers, Myer, 1793 Madison av
Michel, Ferdinand & Son, 103 E 9th
Michelman, D. M., 6 Forsyth
Miglio, John, 340 E 113th
Mildner, Emil, 523 E 12th
Miller, Albert, 691 Wales av
Miller, Barnett, 511 E 13th
Miller, Joseph, 473 4th av
Miller, William J., 187 E 116th
Milliken, James, 133 Canal
Millinger, Benjamin, 1774 2d av
Mills, Harry P. & Bros., 771 Park av
Miskowsky, Anton, 442 E 75th
Mitchell, John, 113 Hudson
Mitchell & McMein, 113 Hudson
Mock, Chas., 849 Amsterdam av.
Model, Isidor, 132 E Houston
Moeschen, Louis, 609 3d av
Moller, Geo., 430 E 83d
Molten, Charles, 19 Crosley
Monaghan, Peter D., 1596 av A
Monahan, Matthew, 225 Bleecker
Mondschein & Waletzky, 89 Pitt
Montgomery, John & Arch., 59 E 9th
Montgomery, Wm., 1859 Amsterdam av
Montgomery, William H., 210 E 111th
Moody, E. A., 57 W 24th
Moorhouse, Edgar, 443 W 50th
Moran, Alfred, 786 11th av
Moran, Matthew J., 903 6th av
Moran, Peter E., 430 Pearl
Morgenweck, Charles, 118 3d
Morrell-Sievert Co., 2232 7th av
Morris, Martin E., 37 John
Morrison, John H., B'way n W 232d
Morrison, Richard H., 1231 3d av
Morton & Bathe, 941 6th av
Mucke, Julius, 2398 2d av
Muir, James Sons & Co., 27 E 20th
Muir, William, 2270 Broadway
Mullay, Thomas W., 11 W 34th
Mullen, John J., 420 E 24th
Mullen, John P., 195 Worth
Muller, C. & Son, 707 7th av
Muller, Hy. F., 637 E 145th
Muller, Robert, 172 Chrystie
Muller, William, 609 E 16th
Muller, William R., 502 W 21st
Mulrein, John, 4th, Westchester
Murphy, Edward, 202 E 43d
Murphy, Edw., Jr., 165 E 72d
Murphy, John, 28 Beaver
Murphy, Joseph, 1845 Park av
Murphy, Joseph, Jr., 852 Columbus av
Murphy, Patrick W., 727 Amsterdam av
Murphy, Peter F., 38 6th av
Murphy, William H., 75 Market
Murphy Bros., 196 Columbus av
Murray, E. F., 346 W 36th
Murray, John M., 488 6th av
Murray, Matthew, 2131 3d av
Murray, Matthew, 1489 5th av
Murray & Co., 403 W 59th
Murtha, Thomas, 138 E 4th
Must, Charles, 1592 1st av
Myers, Elias, 171 Wooster
Nally, Christopher A., 2398 Broadway
Nathan, Bernard, 505 Lenox av
Naumer, Chas., 156 Av C
Nealls, William T., 249 Division
Nechamcus, David, 218 Eldridge
Nechamkus, Sam'l G., 159 Canal
Neff, John, 104 1st
Nelkenstock, H., 518 6th
Nelson, Samuel, 107 E 4th
Neukan & Eagan, 349 E 46th
Nevins, J. H. & Co., 114 E 11th
Newman, Nathan, 930 2d av
Newman, P. & Son, 151 9th av
New York Heating & Plbg. Co., 108 Fulton
Nielsen, John C., 454 W 5th
Noble, William, 1978 Lex av
Nordinger, Jacob, 69 Marion & 305 E 9th
Nugent, James, 214 Grand
Oberle, Jacob F., 173 William
O'Brien, James, 647 6th av
O'Brien, Jno. A., 1058 Dawson
O'Brien, Michael J., 835 6th av
†O'Brien & Ryder, 154 Spring
O'Connell, William, 17 W 125th
O'Connor, Edward J., 800 Lexington av
Odell, George W., 144 7th av
O'Donnell, Patrick, 909 2d av
O'Donnell & Sharkey, 84 Pike
Oeters, Henry, 264 E B'way
Offner, John, 439 E 11th
Ogle, Edwin T., 1611 Park av
Ogle, William H., 418 4th av
O'Hare, William, 404 E 57th
Ohl, Charles, 314 E 9th
Olinsky, Louis, 138 Delancey
Olsen, John, 52 W 28th
Olvany, Wm. J., 98 Charles
O'Neil, B. & F., 427 W 42d
O'Neil, James, 254 W Houston
Ormsby, Chas., 26 Bedford
O'Rourke, J. F., 65 Madison
O'Rourke, John J., 174 E 74th
Orr, David W., 432 Hudson
Orth, Gustavus A., 25 Frankfort
O'Shaughnessy, John J., Bleecker
Osthoff, Richard H. L., 103 W 95th
O'Toole, F. H., 109 W 16th
O'Toole, F. H., Jr., 156 6th av
O'Toole, William, 101 W 55th
O'Toole, William, 985 6th av
Owens, John F. (Est. of), 285 Amsterdam av
Ozab & Muller, 3273 3d av
†Pace, G. A., 504 Park av
Pace Plbg. Co., 504 Park av
Pache, Charles, 12 Av A
Page, John D., 1307 Lexington av
†Pape, Herman, 972 2d av
Pasco, C. E., 666 6th av
Patten, Jas., 2535 8th av
Patterson, Alex. C., 640 Columbus av
Patton, William G., 220 Canal
Pearse, Geo. A., 1182 Madison av
Pelegan, Hy., 207 E 85th
Pelinski, Henry, 62 E 115th
Pembleton, Milton, 1101 Lex. av
Perault, Moses, J., Jr., 2455 B'way
Peter, Walter, 459 Canal
Peterson, Danl. F., 2229 Alex. av
Peterson, Otto, 2200 8th av
Pettit, Jas. W., 46 Av C
Pettit's, Joseph F. Sons, 46 Av C
Pfister, Fred'k A., 231 Willis av
Phillips, C. J., 215 E 34th
†Pierce, Albert, 224 W 116th
Pierson, Herbert E., 248 3d av
Pierson, Thomas F., 53 3d av
Pine, Jacob, 208 5th
Piper, Ernest, 906 6th av
Pittesburg, Louis, 27 2d av
Platz, Anthony, 103 3d av
Plumhoff, Hy. & Son, 215 E 29th
Plunkett, Christopher F., 570 7th av
Plunkett, Jas. J., 7 W 134th
Plunkett, Robert J., 2376 Jerome av
Plunkett & Denny, 151 E 84th
Polatschek & Spencer, 1931 B'way
Pollack, Isidor, 200 W 63d
Pond, William G., 89 Murray
Poppert, N. S., 872 6th av
Porter, Chas. A., 871 Brook av
Post, S. & Co., 54 Willett
Poster, Henry M., 143 W 27th
Poth, Alfred, 203 W 104th
Poth, Benjamin F., 303 W 38th
Power, Nicholas N., 194 Grand
Powers, David E., Riverdale av c Ackerman
Powers, Edw. & Son, 952 1st av
Powers, James F., 938 1st av
Presley, Jno. R., 1981 Amsterdam av
Price, Hy. C., 201 E 82d
Price, James, 106 W 24th
Price, John, 230 E 14th
Prindeble, John E., 42 Maiden lane
Prodgers, Aug. D., 52 Fulton
Prosky, Morris, 344 7th av
Quackenbush, Jno. W., 857 6th av
Quick, William H., 51 John
Rabe, Geo., 435 E 17th
Rabe, William, 409 E 16th
Rafferty, Dennis, 458 W 38th
Rakowtzik, Saml., 26 Jefferson
Rankin & Kennedy, 269 Columbus av
Rausch, Henry L., 3 Greenwich av
Rausch, Wm. F., 3 Greenwich av
Regan, Bartholomew J., 646 9th av
Regan, Bernard, 646 9th av
Regon, Wm., 108 W 135th
Reid, James B., 160 E 129th
Reid, James M., 615 Kinsbridge rd
Reid, Ralph H., 62 Amsterdam av
Reiher, J. Henry, 3708 3d av
Reilly, Jno. J., 27 Hudson
Reilly, Michael, 300 Henry

Reilly, M. G., 341 W 41st
Reilly, Philip, 437 Lex av
Reindel, Robert, 1529 2d av
Reines, Herman, 262 E 4th
Reinwold, Hy., 123 E 16th
Reiss, Jacob F., 3963 3d av
Reiss, P. S., 161 Wooster
Reitmayer, Anton, 168 E 91st
Renzland, Charles, 426 E 16th
Reuschle, Fred'k K., 2067 Amsterdam av
Reynolds, Allen W., 2110 B'way
Reynolds, Bernard J., 175 E 96th
Reynolds, Edw., 76 8th av
Reynolds, Frank, 832 3d av
Reynolds & McMahon, 309 W 145th
Rich, Albert, 560 Columbus av
Richter, Frank & Bro., 66 W 70th
Riehm, Fred J., 1162 Boston av
Rile, Henry E., 208 E 89th
Riordan, Edw. J., 42 W 117th
Rittenhouse & Davis, 569 Columbus av
Rizzolo, Carmine, 40 Crosby
Roach, Fred B., 906 Columbus av
Robert, Paul, 305 W 35th
Robinson, Wm. H. V., Unionport rd, Van Nest pk
Robinson, Wm. J., 231 W 46th
Rockmore, Henry, 304 E B'way
Rod, Barnett W., 306 2d
Roddy, Joseph W., 169 1st av
Rogers, Daniel, 2247 Broadway
Rohman, Max L., 181 E B'way
Ronan, E. J., 45 Pearl
Rooney, John, 304 E 26th
Roos, Chas. W. H., 412 6th
Rosenabum, Nathan, 59 Cannon
Rosenberg, A. H., 134 W Broadway
Rosenberg, Gabriel, 801 6th
Rosenberg, Louis, 161 E 113th
Rosenberg, Saml., 1789 Madison av
Rosenberger, Sam'l, 3884 3d av
Rosenbluth, Benj., 224 7th
Rosenbluth, Isidor, 1440 Lex av
Rosenthal, Isidor, 1414 Madison av
Rosenwald, Wm., 2079 Lex av
Rosenzweig, Abraham, 124 7th av
Roslovsky, Abraham, 97 Chrystie
Ross, Henry, 83 E B'way
Rossman & Bracken Co., 132 E 42d
Roth, Alex. H. & Co., 49 2d
Roth, Edw. A., 606 E 13th
Rothenberg, Jno. W., 408 E 15th
Rothmel & Merton, 705 9th av
Rothstein, Henry, 1593 2d av
Rudman, Chas., 60 Fulton
Rudolph, Henry, 602 Bergen av
Rush, Wm. G., 714 8th av
Russo, Louis, 173 Mulberry
Ryan, Daniel, 778 6th av
Ryan, Geo., 39 E 9th
Ryan, John J., 828 9th av
Ryan, Jno. J., 1145 2d av
Ryan, Joseph P., 158 E 36th
Saffian, Abraham, 1395 2d av
Salamon, Simon, 54 Eldridge
Sallinger, George M., 516 Morris av
Salomon & Greenberg, 168 Clinton
Salzmann & Freitag, 3434 3d av
Samo, John V., 553 E 173d
Sands, Alfred B. & Son, 242 Water
Sandzik, Morris, 808 2d av
Saxton, Jas., 1448 5th av
Scannell, Tim. F., 729 6th av
Schaaf, Geo. L., 9th nr Av C, Unionport
Schaefer, Chas., 7 W 14th
Schaefron, Harris, 327 Madison
Schapierer, Herman, 1729 Lex av
Schaub, Jno. J., 682 E 183d
Scheer, Wm. H., 22 W 136th
Scheppenhauser, Geo., 2530 8th av
Schieck, August, 400 E 121st
Schiffer, H'y E. J., 1291 Lexington av
Schimek, Richard, 446 E 89th
Schinnagel, John H., 183 William
Schlismann, Wm. J., 204 E 85th
Schlosser, Henry B., 630 Union av
Schlueter, Fred'k E. A., 141 E 4th
Schmidt, Geo., 536 W 125th
Schmidt, Leo., 406 W 13th
Schmitt, Andrew, 1115 Lex av
Schmitt Bros., 436 W 42d
Schmitt, Geo., 246 E 45th
Schmitt, Herman, 2944 3d av
Schmitt, Robert, 35 Av A
Schmitt, Wm. F., 195 E 4th
Schnaier, Milton & Co., 347 Columbus av
Schneider, Chas., 752 E 163d
Schneider, Jos., 2057 Anthony av
Schnelle, Geo. C., 341 E 106th
Schnepp, Charles S., 177 E 117th
Schoen, Julius, 225 W B'way
Schonbrunn, Michael, 17 South
Schor, Geo., 44 Delancey
Schoen, Julius, 225 W Broadway
Schrack, Christian H., 55 Carmine
Schrader, Geo. L., Main, Westchester
Schradin, Henry, Jr., 146 E 15th
Schuermann, Wm., 72 1st
Schuetz, Wm., 257 9th av
Schuhose, Paul, 2141 8th av
Schuler, Chas., 209 E 9th
Schulman, Ignatz, 1480 Madison av
Schultz Bros., 166 E 120th
Schulze, Theo., 175 E Houston
Schumann, F. S., 400 E 74th
Schwab, Benjamin, 145 Elizabeth
Schwab, E., 93 E 10th
Schwager, Aug. C., 125 W 65th
Schwank, Chas., 50 3d av
Schwartz, Hyman, 22 Chrystie
Schwartz, Isidor, 165 Broome
Schwartz, Jacob, 331 W 41st
Schwartz, Joseph, 638 5th
Schwartz, Joseph, 201 E 40th
Schwartzberg, Henry, S 2d av
Schwarz, Frederick, 180 3d
Schwarzler, Otto J., 73 E 100th
Schwegler, Wm. H., 2023 Webster av
Schweickert, Peter, 23 E 220th, Wmsbridge
Schweppenhauser, Geo., 2530 8th av
Schwerin, Adolph, 220 7th av
Scott, Jos., 281 W 128th
Scully, Edward J., 298 E B'way
Segal, Edw., 2058 7th av
Seidel, Henry F., 648 Greenwich
Seidel, Markus, 142 E 84th
Seidl, Jacob, 416 E 73d
Seiffert, Rob't F., St. Ann's av c E 159th
Seitz, Wm., 1021 Fox
Serels, Benj., 236 Monroe
Serkissian, Frank P., 1659 Amsterdam av
Sessler, Louis, 2181 5th av
Sexton, Peter, 584 Park av
Shapiro, Benj., 110 Orchard
Sharp & Gunn, 1742 Amsterdam av
Shea, Thos., 448 Amsterdam av
Sheahan, Cornelius F., 397 9th av
Sheehan, Thos. M., 958 E 168th
Sholomon, Reuben, 238 Av. A
Shumway, Isaac O., 392 4th av
Sibbald, David, 400 E 82d
Sibbald, Jno. W., 214 St. Nicholas av
Sibley, Jas., 37 Oliver
Sidoroff, Sam'l, 166 E 4th
Siebert, August C., 2230 7th av
Siegel, Abraham, 696 3d av
Siegel, Max, 170 Forsyth
Sigel, Albert, 2655 8th av
Sigmon, Otto, 827 Columbus av
Silberman, Bernard, 108 Forsyth
Silberman & Liebgott, 1717 Madison av
Silverman, Barnett, 107 Forsyth
Silverman, Philip, 68 Pike
Simon, Benj., 207 E 102d
Simon, Jos., 1844 2d av
Simpson, Alexander & Son, 226 E 25th
Simpson, I. H., 286 Amsterdam av
Sinkiewitch, Isidor, 89 Ludlow
Siscovitz, Louis, 111 Madison
Slasky, Jos., 21 Orchard
Slough, A. D., 281 Greenwich
Smale, Wm P., 206 E 85th
Smatt, M., 50 2d av
Smith, Alex. J., 1444 Madison av
Smith, Edw. H., 176 E 77th
Smith, E. H. & Son, 513 Grand
Smith, George H., 352 W 38th
Smith, Geo. W., 87 Greenwich
Smith, Gustave T., 54 Manhattan
Smith, Harry, 128 E 108th
Smith, James, 983 Park av
Smith, John, 1571 & 1181 3d av
Smith, John J., 444 10th av
Smith, John J., 431 W 42d
Smith, Louis R., 1386 5th av
Smith, N. A., 307 5th
Smith, Philip, 178 6th av
Smith, Samuel, 601 E 144th
Smith, Thos. J., 773 8th av
Smith & Roffler, 50 W 107th
Smyth, Jas., 453 9th av
Soles, Wm. A., 1691 Park av
Somerville, George, 73 Varick
Sonkin, Chas., 63 Monroe
Sookey, Chas., 2279 1st av
†Spelman, W. H., 112 W 38th
Spence, John Co., 215 W 125th
Spergel & Rosenfeld, 416 6th av
Spindler, Emil, 255 W 27th
Spitz, Anton, 15 Bleecker
Staats, Gustav, 160 E 59th
Stadler, Henry A., Jr., 615 E 143d
Standard Plumbing Co., 516 Columbus av
Stanton, Patrick, Albany av nr Bailey av
Starr, Herman, 59 Lewis
Steele, Geo., Jr., 282 Alexander av
Steigelmann, August, 171 Elizabeth
Steiger, Ferd., Jr., 3346 3d av
Steigelfest, Benj., 319 Rivington
Stein & Ericson, 286 Columbus av
Steinbuehler, Herman, 170 E 107th
Steinmetz, John H., 499 W 145th
Stephan, Charles, 736 8th av
Steurer, John, 219 2d av
Stewart, John M., 398 Bleecker
Steyn, Peter, 492 Manhattan av
Stier, Fred'k, 947 6th av
Stodel, Joseph, 1473 5th av
Stolz, Florence, 2966 3d av
Stone, Hyman, 243 Monroe
Storrs, Wm. H., 73 W 105th
Strauss, Chas., 1 W 3d
Strobel, Anton, 617 E 11th
Stroh & Huber, 438 W 51st
Stuart, Chas., 1023 Lex. av
Stumpf, John, 760 Courtlandt av
Sullivan, Jos. F., 2522 Webster av
Sullivan, Timothy, 117 E 23d
Susemihl, Albert W., 1225 3d av
Swain, Thos., 452 4th av
Sweeney, Jas. W., 2864 Webster av
Sweeney, Jos. F., 577 Grand
Sweeney, Michael A. (Est. of), 577 Grand
Tabakman, Hyman, 34 Attorney
Taggart, Jno. J., 219 9th av
Tague, Patrick J., 71 W 137th
Taylor, Hugh M., 85 Beaver
Taylor, S. G., 627 Columbus av
Teets, Samuel A., 507 8th av
Thatcher, Jas., 61 Centre
Theiss, Jos., 838 E 169th
Thole, Lawrence A., 234 3d av
Thompson, Jno. W., 201 Prince
Thompson, Jos., 508 Canal
Thompson, Wm. D., 29 E 215th, W'msbridge
Thompson, D. & Son, 363 Lenox av
Thompson & Moran, 508 Canal
Thoms, Frank, 168 E 106th
Thomson, Wm., Av. B, Unionport
Tischler, Matilda, 170 E 112th
Tischler, Sam'l, 27 Cannon
Todd, Geo. M., 223 W 42d
Tomback, Simon, 92 Madison
Tomback & McPhee, 255 E 110th
Tonkin, Sam'l, 33 Essex
Torkington, Dan'l, Nelson av c E 169th
Tracy Plumbing Co., 890 Park av
Trainor, Saml. G. & Willis, Jr., 111 E 27th
Traurig, Benj., 346 E 4th
Travers, Jno. P., 266 Columbus av
Travers, Wm., 108 E 119th
Traziano, Roxey, 55 Spring
Treacy, Walter A., 1009 6th av
Treanor, Philip, 144 W 19th
Treat, Chas. H., 1541 B'way
Trede, Geo. C., 501 W 54th
Tretler, Richard, 241 E 46th
Tribbit, Sam'l, Undercliff av, Morris Hts
Tubridy, Wm., 175 E 119th
Tucker, Chas. F., 48 University pl
Tucker, John, 248 4th av
Tucker, R. J. & Bro., 180 W 74th
Tufts, Walter B., 19 Platt
Tuomey, Thos. J., 1242 3d av
Turkowsky, Frederick, 28 2d av
Ucko, Jos., 761 E 167th
Uhl, Fred, Westchester av, Unionport
Union Contracting Co., 86 Marion
Unnever, John W., 151 E 103d
Vail, Wm., 108 University pl
Valente, Chas., 81 Macdougal
Vantine, John H., 121 W 125th
Vantine, Thomas H., 79 6th av
Vecchione, Frank, 108 W 135th
Verhaegen, Charles F., 105 E 31st
Vermilye, Frank, 108 W 135th
Vineberg, Benjamin F., 1315 2d av
Vittone, Frank, 16 Hamilton
Volkmar, Hy. G. Co., 4281 B'way
Vorbach, Henry, 672 10th av
Voss & Ebner, 5 Peck sl
Walkinshaw, Wm. B., Undercliff av & Sedgwick
Walkley, Frank E., Jr., 843 E 136th
Wallace, Robt. & Wm. J., 360 Columbus av
Wallace, Wm. R., 203 E 113th
Walsh, Andrew J., 351 Park av
Walsh, Chas. A., 10 Forsyth
Walsh, Jas. S., 1511 Lex. av
Walsh, John, 242 W 14th
Walsh, Joseph J., 218 E 59th
Walsh, Vincent, 187 W 136th
Walsh & Wertheim, 66 W Houston
Walz & Morton, 250 W 31st
Ward, Wm., 29 Centre
Warren, Sam'l, 150 Lenox av
Warren, Wm. S., 2494 Tiebout av
Warwick, Alfred E., 127 W 33d
Waserman, Sam'l, 605 E 13th
Washington, F. H., 63 W 125th
Webb, Henry, 198 Lex. av

Webber, Edwin B., 202 W 100th
Weber, Frederick, 830 Cortlandt av
Weber, Gottlieb, 1751 Park av
Weber, Morris, 82 Columbia
Wehle, Alex, 161 Delancey
Wehler, Frank, 208 E 122d
Weigel, A. J., 1018 1st av
Weinstock, Oscar, 1855 3d av
Weisberg, Morris, 38 Norfolk
Weisinger, Chas., 49 3d
Weiss, Anton, 108 1st av
Weiss, Jacob, 47 Greenwich av
Weiss, John J., 323 Spring
Weiss, R. A., 192 3d
Welch, J. L., Westchester av, Westchester
Wellikson, Max S., 73 Eldridge
Welch, J. L., Butler pl, Westchester
Welstead, John J., 447 4th av
Wendel, Max, 1501 Park av
Wendling, Henry, 17 Delancey
Wenzel, Louis H. Co., 705 Columbus av
Werner, Louis, 98 8th av
Werner, Reinhold F., 1567 2d av
West End Plumbing Co., 404 Lenox av
Wexted, Jas. C., 282 E B'way
Whalen, Pat'k E., 428 E 116th
Whealen Bros., 3429 3d av
Whealen, Jas., 58 W 24th
Whelan, Jas., 102 W 96th
White, James, 281 10th av
Whitmore, Frank W., 108 Front
†WIEBER, HENRY E., 28 E 20th.
(See adv. index, end of book)
Wiegers, John, 68 W 142d
Wiesman, Charles, 43 Carmine
Wilcox, Walter, 1190 E 178th
Wilcox, Wm., 1190 E 178th
Williams, Hy., 206 E 57th
Williams, Jno. C., 7 Christopher
Wills Bros., 158 Maiden la
Wills, Wm. H., Jr., 111 E 27th
Wilson, Alfred,, 101 E 13th
Wilson, James, 304 E 117th
Wilson, Wm., 2543 Webster av
Wilson & Smith, 307 W 117th
Windle, Randolph T., 119 W 30th
Winkel, Chas., 55 E 124th
Winkel, Sam'l, 255 W 116th
Winkel, Wm., 2176 Amsterdam av
Winter, Nicholas, 605 Columbus av
Winters, Wm., 486 8th av
Wirth, Alfred, 2260 1st av
Withers, R. A., 141 E 91st
Withers & Stuckey, 786 3d av
Wohn, Fred'k, 3391 3d av
Wolf & Brown, 754 E 138th
Wolfert, Louis, 1275 Lex. av
Wolff, Abram, 1630 2d av
Wolff, Chas., 2319 1st av
Wolff, Louis, 63 E 106th
Wood, John, 315 W 13th
Worns & Kemp, 287 W 127th
Woytisek, Frank, 1311 3d av
Wynne, Charles, 244 E 106th
Yachnowitz, Jacob, 21 Rutgers pl
Yates, Thos. W., 168 W 129th
Yauch, Chas., 139 Division
Yockel, Philip, 3418 3d av
Young, Frank A., 229 7th av
Young, John S., 239 E 13th
Young, William & Bro., 32 E 59th
Young & Myers, 245 Greenwich
Young & Schminke, 27 Greenwich av
Yule, Wm., 101 W 108th
Zang, Henry C., 122 7th
Zarowin, Sam'l, 207 Madison
Zawodsky, Alois, 350 E 76th
Zeller, Geo., 9 Old Slip
Zerowin, Saml., 207 Madison
Ziezelbaum, Max, 218 Henry
Zlot, Harry, 1140 1st av
Zucker, B., 753 5th
Zuckerman, Louis, 3 Monroe

BOROUGH OF QUEENS

ARVERNE—Hemmert, Geo., Alex. av n Boul
BAYSIDE—†Robertson, Fred'k B., 34 Bell av
BROOKLYN HILLS—(See Richmond Hill)
COLLEGE POINT—Ackerknecht & Kirchner, 39 2d av
†CORNELL, JOHN H. & CO., High
Marx, Louis, 96 13th
Sheridan, Philip C., 5th av nr 13th
Stracke, Christian, 99 10th
CORONA—Lock, Edwin E., c Lake & Central av
Gallucci, Saml., Coro. av c Moore
Murphy, Wm. H.
O'Brien, Hugh M.
Reining, Wm.
Ricks & Betts
Schilling Bros.
DOUGLASTON—Bahan, Chester, Main av
ELMHURST—Killi, Geo., B'way nr Union av
Langstaff, C. R., B'way nr Union av
McKeon & Mackenzie
Petry, John W., Whitney av nr B'way
EVERGREEN—Gutmann, John, 185 Woodward av
Haheman, Fred'k
Schneider, Hy., 256 Woodward av
FAR ROCKAWAY—Brady, Edw., 236 Central av
Kelly, Stephen A., 288 Central av
Lapaugh, David J., B'way c Clark
McGinnis, P. J., Central av n Lockwood av
McKenna, Frank B., 175 Wash'n
Mulhearn Co., Mott av nr Central av
Scott, Philip P., Central av nr Cleveland av
†Smith Bros.
FLUSHING—Anderson, Jno. & Son, 90 Main
Anderson, John A., Jr., 61 Madison av
Corcoran, Wm. C., 29 S Prince
Foster, Edw., 21 22d
Hendrickson, D. T.
Kelly, Edw., 18 Main
Kelly, J. J., 106 Amity
McLellan, Alex. L., 74 Wash'n
†Rogers, Jno. F. & Co., 129 Main
GLENDALE—Simpson, Alex.
HOLLIS—Pearsell, Harry E., Fulton
JAMAICA—Dixon, Thos. J., 264 Fulton
Fuerst, Alex., South c Henry
Greene, Francis W., 11 Flush av
†PERRY, GEO. W., 410 Fulton
Stewart & Knorr
†Woolley, Chas. H. & Bro., 376 Fulton
LAUREL HILL—Kennedy, John C.
LONG ISLAND CITY—†Brodie, Wm., 31 Vernon av
Burke, Jas. J., 73 Jackson av
Caldwell, W. H., 102 Main
Christensen, Jno., 56 Mill
Colins, Philip, 185 4th
Edmiston, Jno. L., 354 Jamaica av
Flick, Geo., 748 Ely av
Freeman, Thos., 73 Jackson av
Gabler, Frank, 93 Camelia
Green, Frank J., 138 Hunter av
Horbert, Fred'k, 341 Steinway
Jarvis, Edw., 95 Wilbur av
Meikleham, John, 121 Main
Moeser, Bernhard, 536 Jamaica av
Mullady, Jos., 212 Main
Nehrbauer, Nicholas, Jr., 683 Steinway av
O'Connor, Geo. M., 156 Fulton av
†Petry, Jno. W., 63 Vernon av
Simpson & Son, 49 East av
Stubbings, Geo., 262 Hancock
SULLIVAN, DANIEL J., 119 Main
Walden, Jno. C., 111 6th
Wedmayer, Fred'k, 483 B'way
Zehner, Chas., 538 B'way
MASPETH—Gillen, Daniel A.
Heintell & Hellriegel, Grand
METROPOLITAN—Berry, S. & Co., 225 Fairview av
Starcke, Hy. A., 225 Fairview
MIDDLE VILLAGE—Hirsch, Peter J. jr., Met. av
OCEANUS—Gross, George P., Boulevard, n Bay View av
Hartmann, Rob't, ft Pleasant av
Hemmert, Geo., Boul.n Kane av
Kupper, Jno., Wainwright pl n Boulevard
Moehn, Jacob, Boulevard
Repperger, Jas. W., Boul. n Division
Sauer, Geo. H., Wash'n av n 1st av
Ward, Wm. H., Boulevard
OZONE PARK—Lissner, Adolph, Ocean av
Mond, Michael F., B'way
RICHMOND HILL—Boeklen, Edw. W., Atlantic av
Boeklen, R. C., Chichester av
Haff, Chester A., 273 Johnson av
Herring, Wm. H., 3222 Jamaica av
JEPHSON, ROBT. & CO., Jamaica av
Keppel, George, Atlantic av
Meier, Frank X., Jeff'n av
Schirrmeister, Wm., Jamaica av c Welling
Schwenger, Geo.
WHITESTONE—Beebe, Wm. H., 18th n 8th av
Dare, Alfred C., 18th n 8th av
McMahon, Edw. J., 11 22d
†Merritt & Powers, 18th n 7th av
WINFIELD JUNCTION—Hellriegel & Roth
KLEB, WM. P.
Roth, Jno. H., Chestnut n Fisk av
WOODHAVEN—Garbe, Henry
Schmidt, John
WOODSIDE—Brunner, Edward, Anderson av
Corrigan, Chas., 1st nr Riker av
Lievendag, Adolph

(Borough of Richmond.)

CASTLETON CORNERS—Pfuhler, Jno., Manor rd
GREAT KILLS—Brower, Herbert S.
LINOLEUMVILLE—Scholes, Cornelius, Rich. turnpike
MARINER HARBOR—Barnes, Danl., 77 Van Pelt av
Lake, Jos., 633 Richmond Terr
Lorenzen, Peter E., 783 Rich. Terr
NEW BRIGHTON—Barnes, Wm., 36 Jersey
O'Halloran, T. E., 1 5th av
Reddy, Richard F., 396 Rich. ter
Santry, Jas. J., 367 Rich. ter
Santry & Co., 350 Rich. ter
Warren, Walter T. (Est. of), 386 Rich. ter
NEW DORP—Jurgensen, Rudolph, New Dorp la
PORT RICHMOND—**DUFF, JNO. S., 104** Rich. av
†O'Hara, Wm. H., 104 Rich. ter
†Rauscher, Fredk., 17 Rich. ter
Smith, Jas. A., 32 Rich. ter
†Watters, Jno., 47 Rich. av
ROSEBANK—Koch, Wm. G., So. Beach
Parker, Frank, 172 N. Y. av, Ft. Wadsworth
STAPLETON—Alexander, Chas. W., 170 Bay
Earnest, Herman C. Jr., 332 Bay, Clifton
Larkin, Jno. B., 129 Canal
O'Hanlon, Joseph, 98 Broad
Ryan, Jos. D., 28 Targee
Schleininger, Chas. A., 10 Beach
Van Pelt, Jno. J., 1 Thompson
TOMPKINSVILLE—Barry, Wm. J., 24 Rich. Turnpike
Beplatt, Wm., 35 Griffin
Cresson, Robt. Jr., 14 Bay
WEST NEW BRIGHTON—Clark, Wm., 60 Castleton
Clark & Morton, 195 Rich. ter
Davies, Geo., 45 B'way
Heap, Chas. R., 2 Rich.
Henderson, Robt. K., Castleton av
Kelly, Jno. F., Cary av
Lewes, Milford, Cherry lane
McCaruac, Chas., 72 Castleton av
Missall, Chas., Maine av, Probn. pk
O'Connell, Timothy F., 145 Rich. ter
Roach, Jno. J., 96 Davies av

(END OF NEW YORK CITY.)

NIAGARA FALLS—†Davy, Peter J., 545 Main
†Dooher & Seager
†Elderfield-Hartshorn Hardware Co.
†Ellenbaum, J. H., 322 Niagara
†Erskine, Wm.
†Matthew & Edwards, 2107 Main
†Oliver, F. W. Co.
†Watson, Jas. & Son, Station A
NORTHPORT—Haff, J. L.
Wild, Wm. & Sons
NORTH TONAWANDA—Miller, Geo. O.
†Knapp Hardware Co.
Wagenschuetz, Fred F. & Co.
Walkinshaw & Co.
NORTHVILLE—†Allen & Palmer
Foote, W. A.
NORWICH—Cook, Jas. P.
Latham, C. H.
Nash, Chas. G.
NUNDA—†McCarthy, F. J.
NYACK—**†ERNST & BRO.**
Fairsnider, John T.
†Fulton, W. A.
†Gates, George
Henry, Allen L.
Locke, O. W.
†Nelson, George A.
Wyman, George R., & Son
OCEANUS—(See New York City, Borough of Queens)
OGDENSBURG—Bowman, Jas. S.
Britton, W. D., 32 Ford
Burns, E. J.
Doyle, Peter H.
Hackett, P. Hdw. Co.
McPherson, Daniel O.
Skeith, Thos., 39 Isabella
OLEAN—Kallenback, Mrs. E. L.
Rogers, L. G. & Co.
†Simpson, W. H.
ONEIDA—Agen, M. E.
Harris, Wales & Co.
†Warner, Judson W.
White, H. M.
ONEONTA—Brown & Mills.
†Jennings, H. D., Main & Chestnut, ext.
Rowell, Geo. W.
†Townsend, L. H. & C. D.

OSSINING—†Barlow & Co.
Fleck, Philip H., 141 Main
Khuns, Edw.
†Lemmey, Robert, 107 Main
Murray, Edwin D., 25 Spring
†Young, A. L., 217 Main
OSWEGO—†Costello, James, W 1st
†Crawford, M. B., 45 W Bridge
†Fayette, Geo. B.
†Hennessey, Thos. M., 83 E 1st
†Keefe Bros., 161 W 1st
Kehoe Bros.
†Quigg Hardware Co.
†Sullivan, J. C., 106 E 1st
OWEGO—Baker, F. M. & Son
Houk, J. S.
†STANBROUGH, J. B.
OXFORD—†Burchard Bros.
Titus, B.
OYSTER BAY—Baldwin, Thos. E.
Powers, B. H.
OZONE PARK—(See New York City, Borough of Queens)
PALMYRA—Barrett, Roy
PATCHOGUE—†Kirk, Theo. J.
†Gordon, F. E.
Laikin, L.
†Overton, Lorin M.
PAUL SMITH'S—Smith, Paul & Sons.
PECONIC—Fitz, R. V. A.
PEEKSKILL—Donovan, D. D.
Durrin Bros.
Foster & Son
Lane, Wm. E.
McCoy & Otte
Purdy, Wm. H.
†Wessels, Wilber F.
PENN YAN—**†HOLLOWELL & WISE**
Parker, J. T.
†Penn Yan Steam Htg. Co.
PERRY—Olin & Grieve
PHILMONT—†Carney, Michael (Est. of)
PHOENIX—†Latham, R. D.
PIERMONT—Kane, C. H.
PINE HILL—Rose, Geo. E.
PINE PLAINS—Scott, N. J.
PLATTSBURGH—†Costello, Thomas, 98 Margaret
Freeman, Jno. A.
†Mooers, W. B.
Webb, Geo. N., 17 Bridge
PLEASANT VALLEY—Lasher, F. P.
PLEASANTVILLE—Brothers & Noll, Wheeler av
Marshall, Wm. H.
PORT CHESTER—†Desmond, P. J.
Dold, Fredk., Jr.
†Schupp, Herman
Siltz, G. W.
Wenkenbach, Louis C.
PORT HENRY—**†BRAEDNER, J. T.**
†Hogan, Michael
PORT JEFFERSON—Davis, N. W.
†Davis & Co.
Lawrence, Jno. H.
Smith, G. H.
PORT JERVIS—Driller, Frank
Gordon & Malvern Co.
McDonald, S. G.
Patterson, Chas. D.
†Swinton & Co.
†Wilcox, H. E.
PORT RICHMOND—(See New York City, borough of Richmond)
PORT WASHINGTON—Bauer, G. E.
POTSDAM—†Seely, W. F. P.
POUGHKEEPSIE—†Adriance, Peter & Son, 393 Main
Briggs, G. H., & Son, 393 Main
†Cook, Chas., 418 Main
†Doherty, P. C., 112 Main
†Maar Bros., 16 Wash'n
Mulrein, James, 27 Market
Noll Bros.
†Plass, J. W., 445 Main
†Ritter, William H., 141 Main
Schick, Chas. F., 192 Main
†SHURTER & BRIGGS, 268 Main
†Trowbridge, B. H. & Son, 356 Main
†Ward, Patrick H., 271 Main
Ward, Thos., 271 Main
†Ward, Wm., 234 Main
†Waters, Thos. A., 402 Main
PULASKI—Douglass, G. W.
RAVENA—Strevell & De Friest
RED HOOK—†Curtis & Van De Bogart
RENSSELAER—Gray, Chas. W.
Gray, Wm. W., 106 B'way
Wilson, R. I., 67 B'way
RHINEBECK—**†ROSENKRANZ, LOUIS**
†Smillie, Harry & Co.
RICHMOND HILL—(See New York City, Borough of Queens)
RIVERHEAD—**BUNCE, CHAS. E.**
ROCHESTER—Barr Bros.
†Barr, Jos. A., 117 State
†Barr & Creelman, 24 Exchange
Bascom & Morgan, 37 Spring
†Beach, Jos. S., 54 N Fitzhugh
Bennett, R., 22 Allen
Bicker & Marcott, 90 South av
Brown, W. J., 43 Prospect
Caffery & Evans, 96 West av
Carey, A. F., 228 Monroe av
Cassebeer, Adolph, 769 St. Paul
Chissell, Thos. G., 307 Monroe av
Connolly & Mac Sweeney, 382 St. Paul
Dodds, G. E., 80 Exchange
†Donovan, Patk. J., 705 Lake av
Downs & Dunn, 495 State
Dukelow, R. H., 256 Scio
†Falls, F. H., 272 State
†Fisher, Chas. F., 8 East av
Fladd & Bay, 212 N Clinton av
Flynn, Ewd. J., 440 North
Flynn & O'Neill, 406 West av
†Ford, R. T., 9 East av
Fox, J. F., 72 Andrews
†Fox, Wm. T., 413 E Main
Gleason & Zimmer, 110 Monroe av
Gottermeier, Andw., 45 Walnut
Hargarther, Jno. P., 278 Allen
Hart, Henry, 283 Andrews
Heinzle, Anthony, J., 698 University av
Howard, Robt. J., 203 Main st
†Howe & Bassett, 23 Stilson
Kewin, W. J., 155 East av
King, E. W., 485 Main, E
Lauth, J. C. & Co., 565 Clinton av, N
†McDonell & Dumond Co., 32 East av
McKibbon, Isaiah W., 64 Atlantic av
Magrain, Wm. F., 329 North
†Maher & Glasgow, 13 Cortlandt
Meitzler, Chas H., 313 State
Metzger & Brayer, 425 Lyell av
Meyn, Aug. G., 324 Jeff'n av
Milligan Bros., 185 W Main
Morrissey, Wm. P., 372 Plymouth av
O'Brien, Thos. E., 28 N Fitzhugh
†O'Connor, Jas. A., 378 St. Paul
Page, Geo., 429 Mt. Hope av
Potter, George W., 510 South av
Reid, W. G. & Son, 111 East av
†Reynolds, James, 33 Mill
Rice, E. J., 11 Plymouth av
Rice, John 143 Chatham
Rodenbeck, Chas. F., 388 South av
Rossney, F. G., 202 West av
Rykenboer, Frank, Jr., 122 Hudson av
Saunders, H. M., 34 East av
Scheck, Frank A., 308 Clinton av N
Shannon, Thos. A., 578 Lake av
Smith, Edw. H., 44 Herman
Smith & Oberst, 172 West av
Tanner, Jas. J., 188 West av
Van de Walle, Wm. L., 226 North
Vogler, Louis J., 56 Lowell
Walker, F. R., 25 Stone
Wilkins, Geo. A., 116 Conkey av
ROCKVILLE CENTRE—†Cock, Wm. R.
McCarten, E. E.
Pettit, Frank
ROME—†Jackson, Chas. H., 118 N Wash'n
O'Shea & Larkin
Parry, Jno. J., 127 N James
Rougeot & Harper
†Russ, G. P. & Sons, 109 N James
RONDOUT—(See Kingston)
ROSEDALE—(See Fosters Meadow)
ROSEBANK—(See New York city, borough of Richmond)
ROSSVILLE—(See New York city, borough of Richmond)
ROSLYN—Burrowes, Robt.
Ramsauer, Edw.
Titus, Willett
ROUND LAKE—†Honsinger, W. E.
ROUSE POINT—Bullis, E. E.
Chilton, Geo. & Co.
RYE—Bitz, Louis P.
Byrnes, Thos., Jr.
ST. JOHNSVILLE—McRea & Son
SAG HARBOR—Montcalm, C. H.
Reney, Geo. C.
†Richards, R. E., 36 Main
†Young, W. H., 42 Main
SALAMANCA—**†ANDREWS, J. A. & SON**
Lanning, Patk. J.
†McCann, Hubbeli & Co.
SANDY HILL—George, Chas. T.
†Rockwell, E. W.
Sherrill, George
SARANAC LAKE—†Adirondack Hdw. Co.
Lamoy & Shelley
SARATOGA SPRINGS—Collins & Spencer, 17 Caroline
Fitzpatrick, Jas. W., 28 Phila.
Green, Edw. J.
Heaslip & Seahrig, 46 Caroline
Hickey & Moylan, 16 Caroline
Ingmire, Wm. M.
Jamieson & Fosmire, 29 Caroline
Mehan & Co., 2 Caroline
Powers, Jas. H., 42 Putnam
Smith, Chas., 2½ Maple av
Sterns, Spencer M.
†Tarrant, W. P., 12 Maple av
SAUGERTIES—Hildebrandt, F. A.
†Lamb, Daniel
Murphy, Frank M.
†Russell, James
SAYVILLE—†Jedlicka Bros.
SCHENECTADY—†Allen, John, 133 Jay
†Case, Levi & Co., 412 Warren
Clute, W. S., 16 Central arcade
†Dakin, John H., 512 Liberty
Friday, Louis, 142 Clinton
†Macgregor, T. F., 135 Jay
Pangburn, J. H., 13 Central arcade
Ridgway & Tyler Co., 513 Union
†Sheehan, Jno. R., So. Centre
†Stevenson Bros., 129 S Centre
Van Loon & Hedden, 728 State
†Vrooman's, J. V. Sons, 138 State
†Wasson, Jas. T., 138 Clinton
†Williams, D. H., 156 Barrett
SEA CLIFF—†Koop, Jno. & Sons
SENECA FALLS—Story & Strong
Waller, Geo. A.
SHELTER ISLAND HEIGHTS—Harris, C. S.
†Jennings, E. H.
†Morrison, J. B.
SHERMAN—†Sperry, E. & Son
SIDNEY—Davis, Jas. E.
SILVER CREEK—Shofner, G. H.
SKANEATELES—†Bench & Son
†Shallish, J.
†Shotwell, Tucker & McGinn Co.
SOUTHAMPTON—**†CAMERON, A.**
†Hammond, E. E.
SOUTHOLD—Macomber, B. F.
SPRING VALLEY—Van Orden, Elmer
STAMFORD—Kelly, E. L.
†LAWRENCE, H. C.
†Maynard & Elliott
STAPLETON—(See New York City, Borough of Richmond)
STONY BROOK—**†ROGERS, T. B.**
SUFFERN—Beers, Geo. A.
Hansen, C. H.
SUSPENSION BRIDGE—(See Niagara Falls)
SYRACUSE—†Ames, Chas. E., 109 Decker
Bauer, Geo. L., 340 S Warren
Boysen Bros., 203 Ash
Chase, Rudolph K., 431 Gifford
Clay, Thos. E., 710 Butternut
Curran, Jeremiah L., 213 N Franklin
Dougherty & Carroll, 419 S State
Drexler, Wm., 1106 S Salina
Duckrow & Duckrow, 222 W Onondaga
Dunkerton & Benedict, 400 S Warren
†Dussing, Chas. J., 917 N Salina
Eckel Bros., 545 N Salina
Gannon, P. & Son, 257 James
Goldie, Wm. B., 306 S Franklin
Gooley, Wm. F., 1911 W Fayette
Gray & Schall, 127 W Onondaga
Group, Fred. & Sons, 607 N Salina
†Hanchett, Chas. G., 211 W Fayette
Hipkins, Frank J., 113 N Warren
Holmes, Clark G., 227 E Genesee
Houde, Edw. G., Jr., 429 Hawley av
Howes, C. T., 316 E Fayette
Jalonack, M. H., 300 Cedar
James, F. O., 917 S Salina
†Joy, Edw., 133 Market
Kienzle, Chas. A. H., 223 N Salina
Lavelle, Jno., 334 S Warren
Lawless, Jno. F., 201 N Clinton
Leahy, M. J., 413 S State
McCarthy, Chas. E., 511 S West
McDonald, P. F., 210 Walnut av
McGuire, Michael L., 508 Gifford
McIntyre, Duncan J., 300 James
Mardin, Claud L., 1612 S Salina
Maynard, Jos. E., 229 N Crouse av
Montgomery & Foley, 418 Grape
Mooney, Michael J., 455 Gifford
O'Donnell, B. Joseph, 456 S Salina
†Orr, W. S., 227 E Genesee
Oswald, Jno. C., Jr., 620 N State
Pendergast Bros., 101 N Franklin
Reid, Jas. T., 516 S Clinton
Soper, W. S. & Son, 621 S West
Straub, Clemens J., 712 N Salina
†Tobin, Wm. N., 407 S Clinton
Tracy, Dennis F., 418 Sunset av
Walsh, Jno. R., 241 W Genesee

Ward, Irving G., 408 Delaware
Warren, Fred'k W., 913 Oak
Welch & Kehoe, 214 Montgomery
Young, Chas. G., 836 Park
Young & Power, 105 N Warren
TARRYTOWN—†Curtiss, C. H. & Co.
Martin, Bing & Co.
Miller Bros.
TICONDEROGA—**†BASCOM, D. C.**
†Brust, F. L.
†Huestis, F. E. & Son
†Lamson, W. H. & Son
TOMKINSVILLE—(See New York City, Borough of Richmond)
TONAWANDA—†Koenig, H. B. & Co.
Winkler, P.
TOTTENVILLE—(See New York City, Borough of Richmond)
TROY—Barnes, Wm. H., 14 1st
†Beck, Jno. S., 468 5th av
†Bils & Barry, 624 2d av, Lans.
†Bowman, Geo., 465 Federal
Bufe, Robt., Jr., 84 Congress
Calhoun, Henry Co., 361 River
Carey, Edw. F., 154 Congress
†Corrigan, Jno. W., 593 2d av
Cooley, W. W., 882 River
Davern, M. J., 135 2d
†Delehanty & Murphy, 68 Congress
Dundon, Jno. V., 114 4th
Dunn, A. A., 412 River
Farrey, Philip, 576 River
†Ferguson, Wm., 515 Fulton
Healey Bros., 150 4th
Hollinger, Fred. A. M., 40 Hoosick
†Horan, J. J. & Co., 215 River
Kennedy, Michael, 84 Congress
Knaupp, Jno. & Co., 674 Pawling av
Lee Bros., 46 State
Lodge, Thos. H., 2342 5th av
Loeble, Wm., 422 River
Lyman, Jas., 352 2d
McCoubrey, Albert & Son, 53 George, G I
Meighan, Andrew J., 722 River
Mitchell, John H., 19 Hall bldg
Morris, Geo. T., 414 Fulton
†Morris, Samuel, Mansion House blk
†Mulligan & Schermerhorn, Troy Savings Bank bldg
Mulvey, Stephen, 3 2d, Lans.
Myres, W. J., 502 River
O'Brien, Fred'k J., 9 Cemetery av
O'Connor, John, 328 2d
Osterloudt & Lynch, 124 Congress
Powers, Jno. J., 310 2d
Purcell, Jas. M., 406 2d
†Quinn, Wm. F., Jacob & King
Radley, John S., 43 George, G I
Rees, Thos. L., 646 2d av, Lans.
†Reid, Jas. A., 555 Congress
Sasse, Robert W., 842 River
Skillman & Gerlach, 642 2d av, Lans.
†Wills, C. & Son, 249 River
TUCKAHOE—Rubly, Wm. F.
TUXEDO PARK—Secor, Charles H.
†Vail, William
UTICA—†Batchelor, Julian Co., 12 Pearl
Brandless & Scholl, 118 Columbia
†Breen Bros., 213 Genesee
†Brucker, G. L., 77 South
†Cahill, James F., 37 Charlotte
Cantwell, Wm. T., 306 Bleecker
†Carney Bros. Co., 206 Columbia
†Edic, F. C., 32 Pearl
Goodenow, Jno. S., 50 Columbia
McKeough-Danquer Plumbing Co., 211 Genesee
Mahanna, Chas. F., 144 Sunset av
†Millar, Chas. & Son Co., 127 Genesee
Morath, Jos. P., 164 Columbia
Petersen, H. C. & Co., 221 Park av
†Quinlan, Tuigg & Co., 38 Charlotte
Sabine & Harvey, 74 South
†Stradling Plumbing & Heating Co., 139 Genesee
Trosset, Chas. E., 611 Bleecker
†Wicks, Hughes & Co., 224 Genesee
Witte, John B., 59 Varick
WALDEN—†Collins & Craft
†Williams, Henry E.
WALTON—†Olcott, S. P.
Reynolds & Stebbins
WARSAW—†Webster-Case Hardware Co.,
WARWICK—†Ogden & Pelton
WATERFORD—**BARNFATHER, F. B. & CO.**
Brott, Andrew J., 4th cor Division
Carter, Charles H.
WATERLOO—Haight, G. S
WATERTOWN—Arthur, H. S.
Campbell & Lewis, 17 Park place
Chant, Robt. W. & Co., 101 Main & Moulton
Cook, Victor H., 35 Public sq
Gould Bros., 21 King
Harbottle, M. & Co., 38 Public sq
Healy & Chambers, Burdick bldg
Howard, Thos., 2 Stone
Hyde Bros., 29 Public sq
Irwin, E. B., 26 Court
McCrady & Rogers
†Mowe, George H., 38 Arsenal
Peck, P., 46 Franklin
Phillips, F. R. & Co., 61 Court
Rector, W. A.
Sargeant, Fred W.
†Spratt & Corcoran
Sutton & Corbin
Sutton & Littlefield
Wilson, F. B., 29 Arsenal
Worlock, George B., 41 Moulton
WATERVILLE—Barr, R. M. & Son
WATERVLIET—Gray, Vivian, 416 3d av
†Hamil, James, 1605 B'way
Phelps, Warren W., 2014 B'way
WATKINS—†Durland, L. H. Son & Co.
Miller, Archie M.
WAVERLY—†Barton, A. & Co.
†BOUTON & WESTCOTT
†Mixer, E. D.
Smith, F. T.
WEEDSPORT—Harrington, Geo. P.
WELLSVILLE—**†HOYT HDW. CO.**
Lauterborn & Johnson
McPherson, John
WESTBURY STATION—McKenna Bros.
WESTFIELD—Kinner & Harroun
Wilson & Usborne
WEST HAMPTON BEACH—Grimshaw & Redfield
WEST NEW BRIGHTON—(See New York City, Borough of Richmond)
WHITEHALL—**O'NEILL, JOHN**
Pratt, E. C. & Co.
WHITE PLAINS—Birch, Robt. J. & Co.
Farrell, Jas. C.
†FOWLER & SELLERS
Frieze & Hibbins
Giehel, George & Co.
†McGUIRE, FRANK J.
Read, William T.
Washburn, Geo. W.
WHITESTONE—(See New York City, Borough of Queens)
WILLINK—(See East Aurora)
WINFIELD JUNCTION—(See New York City, Borough of Queens)
WOODHAVEN—(See New York City, Borough
WOODMERE—Baldwin, Gilbert of Quenns)
WOODSIDE—(See New York City, Borough of Queens)
YONKERS—†Barr, A. B. & Co. (Inc.), 6 River
Billings, Luther J., 46 N B'way
Booth, Wm. E., 68 N B'way
Campbell, Colin
Carraher, Owen, 328 Nepperhan av
Carton, Lawrence J., 21 Vineyard av
Clapp, Benj. F., 53 Cornell av
Cochrane, John F.
Collins & Leonard, 60 N B'way
Costello, E. W.
Crowley, John E., 69 Herriott
Cunningham, Daniel J., 15 Woodworth pl
Cunningham, I. F. & A. B., 54 N B'way
Cunningham, Joseph B., McLean av & Glover av
Curran & Carey
Donohue, P. J., 128 New Main
Donovan, J. J., 42 Riverdale av
Donovan & Redding, 52 Main
Duffy, Frank, 56 Warburton
French, Lewin, 165 Highland av
Gardiner, Clarence A., Hill ter
Gilchrist, Thomas, 12 Buena Vista av
Harper, Robert, 70 N B'way
Herring, Geo. D.
Horrigan, Jeremiah, 2 Orchard
Locke, Geo. S., 17 Wells av
McVicar, Thomas, 30 Dock
McVicar, Wm., 83 Woodworth av
Magner, John
Merritt, Charles, 33 Lawrence
Moen, Jas. F., 1 Jones pl
O'Brien & Durkin, 166 Nepperhan av & Waverly
O'Neill, George, 509 Linden
Powers & O'Mara, 157 N B'way
Ramage, John T.
Reagan, M. J., 195 Ashburton av
Ryan, Thomas A., 4 1-2 Main
Scholding Bros., 159 Nepperhan av
Shesler, John J., 329 Riverdale av
†Thompson, Andrew
Thomson & Brown
Torkington, Sam'l J.
Welsh, Wm. M.
Wiggins, Lewis H. & Son, 24 N B'way

NORTH CAROLINA.

ASHEVILLE—Bowles, R. E.
Guischard, Gus L.
Lindsey, F. M.
†McPherson & Moore
Rich, J. R. & Son
BREVARD—Bishop, W. E.
CHARLOTTE—Carolina Plumbing & Heating Co.
Hackney Bros.
Willman, R. Plumbing Co.
DURHAM—**†FAQUA, A. L.**
Hopkins, W. H.
Richardson & Hunter
GREENSBORO—Battie, C. W. & Co.
McKenzie, B.
RICH, J. R. & SON
HENDERSON—McCraw, J. E.
†O'Neil, M. J.
HENDERSONVILLE—Edwards Hardware Co.
HIGH POINT—Causey, R. E.
NEWBERN—Avery, F. P.
Green, J. C.
Parker, S. B.
Wallace, A. B.
RALEIGH—†Stevenson, T. S.
Taylor, Wm.
Young & Hughes
REIDSVILLE—†Ford Bros.
Sharpe, Jno. H.
SALISBURY—Duval & Nicholson
Gallimore, O. S.
Nicholson, W. S.
STATESVILLE—Lamprecht, J. U.
WAYNESVILLE—White, C. S.
WILMINGTON—†Grant, R. H., 119 N Front
Holden, H. K.
McCartney, J. C., 14 N 2d
McCartney, R. R.
Walker, Wm. S., 113 Princess
†Wilmington Iron Works, 19 S Front
WILSON—Conly, Jas.
WINSTON - SALEM — **† BRICKENSTEIN, L. B.**
†Crawford & Ragland

NORTH DAKOTA.

BISMARCK—†Grambs & Wolbert
Jones & Mousso
FARGO—†Fargo Plumbing & Heating Co.
†Harrington, E. J.
GRAND FORKS—Paulsness, B. O.
†Spriggs Bros.
JAMESTOWN—Chenery & Anderson
LIBSON—Mott, Chas. H.
WAHPETON—Eggendorfer, J. R.
Jamieson, W. W.
Orr, A. H.

OHIO.

ADA—Riddle, J. C.
AKRON—Akron Plumbing & Heating Co., 504 S Main
Akron Tin & Furnace Co., 1503 S Main
†Cahill, H. P., 203 Market
Dauntless Mfg. Co., 233 S Main
†Hefferman, L. J., 107 W Market
Hoffman, Charles W., 217 E Market
†Kraus, Kirn Co., 204 E Mill
Limbert-Smith Plumbing Co., 40 E Mill
Stanford, L. E. & Co., 358 S Main
ALLIANCE—**†ELLIS & M'DONALD**
†Love, Casselman & Co.
Orr & Alexander
ASHLAND—Reed, Jno. D.
ASHTABULA—**†CROSBY HDW. CO.**
†Ford, George H. & Co.
McKinnon, W. S.
Orris, Wm.
Paine Bros.
Topkey Bros.
ATHENS—†Demolet, Charles
Ullom, G. W.
BARBERTON—Barberton Hardware Co.
Miller, W. F. & Son
BARNESVILLE—Hobbs & Carr
BELLAIRE—**†Fitton, James B.**
McVey, John
Porterfield, A.
BELLEFONTAINE—Doll & Whitcomb
Foulk, Wm.
Rutledge, Pearl B.
BEREA—Curtis, H. A.
BLOOMDALE—Goodyear, A. B. Co.
BLOOMINGTON—Breeze, F. J.
Hiatt, C. C.
BLUFFTON—Scheid, Theo. G.

BOND HILL—†Jenny, W. M.
BOWLING GREEN—Allen, C. Q.
BRIDGEPORT—Sarver, E. D.
BRYAN—†Bryan Hardware Co.
BUCYRUS—†Hilborn & Faulkner
Meyer, Henry, Jr.
CAMBRIDGE—Branthoover & Johnson Co.
CANAL DOVER—**HARGER, H. R.**
Welton, J. A.
CANTON—Eynon, A. C. Plumbing Co., 125 E 5th
†FIFE BROS. CO., 212 E 8th
†Hartung, Lewis B. & Co., 132 E 7th
Mills, J. A., 126 E 8th
†Ressler, George, 201 W 4th
†Theobald, W. D. & Co., 204 W 8th
CARROLLTON—Stoody, A. J.
CELINA—Gibney, T. J.
Greek, J. F.
Houser, J. N.
CHILLICOTHE—Deschler, Aug.
Jardine, Graham & Co., 98 W 2d
Motor Storage & Mfg. Co.
†Pfaff & Ringwald, 42 E 2d
West, J.
CINCINNATI—Ashcraft, Charles E., 903 Betts
Attiesey, Wm., 819 Vine
†Aylward, N. K., 744 W Court
Beggs, Henry, 417 W 4th
Biermann, Wm. A., 3244 Jefferson av
Billings, Edw., 1005 W 6th
Bohmer, Joseph, 144 E Court
Boiler, Adolph, 816 Clark
Botley, Chas. L., 3544 Eastern av
Botley, John A., 219 Taylor av
Botley, Wm. A., 238 E 2d
Brinck, J. H., 2117 W 8th
Brookbank & Tutin, 524 E Pearl
Bruner, Jacob, 1905 Central av
Burke, Michael, 423 E 5th
Byrne, T. J., 240 Broadway
Canary, Thomas, 26 W 9th
Carroll, Robert & Sons, 626 Elm
Cash & Williams, 2503 May
Central Gas & Electric Fixture Co., 309 E 5th
Cluxton, Richard J., 3938 Spring Grove av
Coffey, P. T., 1006 E 3d
Corbett Bros., 713 Mound
Cosgrove, John, 3736 Eastern av
Cromwell, Fred, 1704 Baymiller
Daly, Martin, 236 E 8th
Dater, Edw., 1809 Elm
Deters & Kohlhas, 1608 Race
Diehm, Albert J., 1527 Freeman av
Dingler, Louis E., 1428 Cutter
Donohue, William, 1833 Sycamore av
Dorschug Co., 304 E 4th
Doud, James J., 313 E 4th
†Douglas Plumbing & Heating Co., 8th & Plum
Duerr & Faul, 2538 Vine
Eckles, Geo. T., 3004 Colerain av
Ehemann, H. W., 13 W Court
Eiber, Wm. H., 937 Freeman av
Eilers, Bernard, 509 W Liberty
Enright, John W. & Co., 714 Mound
Feidkamp, Harry, 708 Linn
Finneran, Joseph M., 506 John
Fishering, Henry, 208 W 9th
Fitzpatrick, J. P., 522 Broadway
Fox, Wm. J., 1168 Coppin
Frank, Edward, 3131 Reading road
Freese, Henry, 422 W McMicken av
Garrety, Peter, 6th & Park
Garrety, Edw., 605 W. 5th
Garrety, John, 605 W 5th
Geiler, Joseph F., 1696 Harrison av
Geiler, William C., 1600 Queen City av
Gibson, James J., 714 Broadway
Gibson, J. E.
Gibson Plumbing Co., 405 W 5th
Gibson, Thomas Co., 633 Walnut
Gibson, W. J., 318 W 4th
Grosse, Julius H., 12 W 12th
Hamer, Frank G., 811 Elm
Hanley, Edward J., 314 E 6th
Happe, Wm. H., N E c Clark & John
Hayden, Harry, 623 W Court
Hayes, John C., 410 Plum
Hendrixson, A., 1312 Central av c Laurel
Hengstenberg, J. & Co., 1003 Elm
Herbert, J. G., 1619 Westwood av
Higler, F. E., 2814 Woodburn av
Hilf, Jacob, 1612 Freeman av
Hill, W. J., 4237 Kirby av
Hillenbrand, Wm., 2307 W 8th
Hollaender, Walter S., 1330 Race
Homan, Charles, 2605 Vine
Horvitz, S. & Co., 559 W 6th
Irwin, J. K. Plumbing Co., 1920 Vine
Jacobs, Edw., 232 E University av
Jenny, Wm. M., Oakland av, nr Wash'n av
Kemberg, Max, 630 Mound
Kemper, Wm. L., 3802 Spring av
Kieserling & Wanrer, 1820 Vine
Kiesewetter, George F., 1203 Freeman av
Kline, Chas. C., 1064 Central av
Kleine & Bernard, 274 Ludlow av
Kolb-Purpus Plumbing Co., 1126 Vine
Krouse & Harlow, 2505 Gilbert av
Laile, Charles, Jr., 231 W McMillan
Lamping Bros., 2733 Woodburn av
Laumann, John B., 108 E McMicken av
Laure, W. D., 2701 Reading rd
Lavercombe Gas & Electric Fixture Co., 41 E 4th
Lawson, Wm. & Bro., 804 Walnut
Light, William & Co., 508 E Pearl
†Love, F. L., 328 W 3d
Lynn, T. D., 703 W 9th
McCann, Joseph J., 102 E 3d
McFee, Arthur, 304 E 3d
McIntyre, Terry, 2431 Gilbert av
Malden Bros., 720 Main
Meinken, Louis, 2176 Central av
Mellor's, George Sons, 2479 Eastern av
†Metzger, John, 2165 McLean av
Moeller, Frank A., 39 Calhoun
Moenkedick, Theo., 1123 Spring
Morgan, E. H. & Co., 3480 Reading rd
Morlidge, G. E., 456 E 2d
Murdock Plumbing Co., 428 Plum
Murphy, John J., 328 E 8th
Murphy, Richard Plumbing Co., 328 E 4th
Murphy & Ditchen, 3327 Eastern av
Myers, Cornelius W., 1025 E McMillan
Neil & Wegelin, 524 Elm
Newman, Thos. J., 307 W 7th
Newman, Wm. H., 737 W 5th
Nickmire, W. H. & Co., 228 Post sq
Nieman, Andw., 303 E 5th
Niemann & Hines, 1705 Ma.
Niesen, Albert, 2017 Mohawk pl
Niesen, Frank & Co., 1208 Sycamore
Nolan, E. J. Plumbing Co., 604 Main
†Nolan, J. F., 1021 E McMillan
Noll & Wildey, 2869 Colerain av
†O'Hara, Thos. J., 946 Linn
Parry & Edwards, 2455 Gilbert av
Parvin, Francis M., 4917 Eastern av
Peoples' Gas Fixture Co., 523 Main
Porter, Geo. W., 1008 Freeman av
Reenan, Thos., 235 E 3d
Ricketts, Wm., 213 E 4th
Rothenberg Plumbing Co., 3155 Reading rd
Ryan & Smith, 234 W 3d
Sanger, C. & Co., 1603 Madison rd
Schaufert, John & Co., 266 Ludlow av
Schlemmer, Louis, 4023 Spring Grove av
†Schlemmer, Oliver Co., 1050 Hulbert av
Schlemmer, Robt., 3716 Spring Grove av
Schlottman, Jos., 3210 Fairfield av
Schmidt, Robt., 1430 Sycamore
Schneider, Albert, 1510 Elm
Schneider, Henry, 3114 Warsaw av
Schneider, John, 826 Findlay
Schoil, Frank, 1217 Harrison av
Schonhoft, H. A., 1233 Main
Seiler, Frank, c Highland av & Donahue
Simon, Jno. N., 6 E Liberty
Shields & Dutle, 234 4th
Stark, Henry J., 2018 Vine
Stocker, George, 1793 Agnes
Story, John Plumbing Co. (Inc.), 7th & Freeman av
Strassberg & Callahan, 542 W 9th
Sutherland Mfg. Co., 516 Main
Sutkamp, H. H., 1206 Linn
Taubald, Geo., 3484 Reading rd
Trinkle, F. W., 2137 Central av
Tweedie & Cluxton, 3802 Spg Grove av
†Vance & Love, 328 W 3d
Vearing, Fred., 2212 Gilbert av
Vogelpohl, J. J., 4158 Hamilton av
Wagner, Wm. F., 2852 Colerain av
Waltermann, Bernard, 1414 Main
Wanner Bros., 1325 Vine
Wayne, Lewis L., 802 W 9th
Weber, Chas. & Sons, 714 Freeman av
Welsh, Wm., 1307 Central av
†Western Plumbing Co., 1705 Elm
Wielert, Henry, 112 E Court
Young, Geo. W., 14 Findlay
Young, C. J. & Son, 426 Plum
CIRCLEVILLE—Crest, Edw.
†Hoffman, Brown & Wilson
†Murray, Wm. M.
CLEVELAND—Aiken, H. W., 1873 Pearl
Armour, Chas. E., 1501 Harvard
Bacher, Aug. L., 333 Prospect
Barnes, Harry, 9 Gustave ct
Barth, C. (Estate of), 187 Fairfield
Bause, A. J., 625 Quincy
Bidlingmyer, J. S., 15 Boulevard ct
Benhoff, Edwd. H., 1073 Pearl
Biaha, John B., 515 Kennard
Bogue & Oates, 571 Detroit
Born Hardware Co., 684 Hough av
Bosworth Hardware Co., 1271 Euclid av
Broadway Gas Fitting Co., 1158 B'way
Briggs & Son, 1293 Cedar av
Bropson & O'Neill, 1133 Detroit
Bryar, Simon, 535 Woodland av
Burbage & Gleason, 395 Pearl
†Burrows, S. W. Co., 1261 Euclid av
Carnes, Edw. H., 2294 Wilcox
Carothers, A. A., 167 Erie
Carroll, Danl. A., 1140 Woodland av
Carroll & Gessert, 662 Lorain
Claus, Albert, 3 Bolivar
Cleveland, Wm. H., 547 Central av
Couture, John, 530 Prospect
Croft, J. L. & Co., 534 E Madison av
†Daykin Bros., 383 Pearl
Daykin, H. Ward, Schofield bldg
Desnoyers, Damas B., 2564 Superior
Desnoyers, Peter & Son, 654 Central av
Dettelbach Plumbing & Htg. Co., 515 Woodland av
Dewitt Bros., 1036 Woodland av
†Dewstoe & Brainard Co., 169 Prospect
Douttiel, Frank M., 699 Hough av
Drees, Jno. F., 814 Lorain
Dunn, Jno. B., 309 St. Clair
Dunn, Peter, 1487 Superior
†East End Plumbing & Htg. Co., 405 Quincy
Eckerman Heating, Plumbing & Supply Co., 1026 Lorain
Eckhardt, Albert W., 45 Van Ness av
Egan, Jas. J., 1893 St. Clair
Ellen & Norris, 950 Central av
Elligott, Jno. R., 1175 Superior
Eppie, Jno. E., 323 Jennings av
Exl, Edw., 580 Woodland av
Felier, Frank C., 1718 Broadway
Fetterman & Bash, 719 Lorain
Fetterman, Lewis, 2051 Clark av
Fish, D. B., 1584 Pearl
Forest City Gas Fitting & Supply Co., 356 Fullerton
Gerspacher & Shannon, 2024 St. Clair
Gessert, Chas. L., 180 Marcelline av
Gleeson & Papworth, 1308 Euclid
Goldfein, H. & Son, 162 Woodland av
Graves, John J., 584 Superior
Greene, Robt. E. & Son, 573 Detroit
Griffin, Walter H., 1021 St. Clair
Grimley, Geo. W., 4 Clinton
Haley, D., 143 St. Clair
Hallock & Bingham, 633 Wilson av
Hallaran, Wm. R., 139 Forest
Hausmann, Adam G., 195 Scovill av
Healy, John J., 703 St. Clair
Healy, Stephen, 13 Buell
Henderson, Wm. H., 320 Prospect
Herringshaw, G. H. Co., 793 Woodland av
Hildebrand, Frank, 1478 Cedar av
Hill, Edw. E., 2650 B'way
Hlavin, Frank, 1703 B'way
Hope, Frank G., 2236 Euclid av
Humphrey & Seamans, 1035 Giddings av
Hutchings, Walter, 1565 Woodland av
Irev & Smith, 56 Wade Park av
Jepson Bros., 775 Eddy rd, Glnvle.
Johnson Wm. A., 1132 Lake View av
Jones, Evan M., 1609 Detroit
Kalous, Frank, 1262 B'way
Keiper, John J., 1649 St. Clair
Keiper & Gould, 2846 St. Clair, Glnvle
Keiler, C. C., 2771 Euclid av
Keily, Jno., 1589 Central av
Keliy, Wm. A., 569 Sterling av
Kelly, Thos., 940 Payne av
Klein, Jacob, 404 Woodland av
Kneale, Wm. E., 23 Vienna
Koblitz, I. & Son, 347 Prospect
Kobs, A. J. & F., 1595 Pearl
Kohls, Richard & Co., 1231 Pearl
Krause, Henry, 356 Jennings av
Lakosky, Chas., 899 Lorain
Lane, A. J. & Son, 2842 St. Clair, Glnvle.
Lehder, Emil, 1668 Pearl
Lehman, A., 800 Giddings av
Lenk & Weingardt, 1169 Pearl
Loewenthal, Wm., 606 Kinsman
McDermott, Peter J., 1016 Lorain
McDermott, Thos. P., 297 Viaduct
McDonald, Michael, 1179 Lorain
McGuire, P., 34 5th av
McKay, John M., 531 Superior
McLean, John W., 499 Lincoln av
McMahon, R. F. & Co., 371 Wade Park av
Mallory, Elmer G., 508 Rhodes av
Manney, Frank E., 1547 Lorain
Mans, Henry, 1364 Central av
Martens, G. C. & Co., 707 Lorain
Matthies, Wm. H., 1288 E Madison av
Mulcare, Thos., 193 Crawford rd
Molitor & Co., Willson av c Superior

†Murphy & O'Brien, 772 Detroit
Mustee Bros., 204 Cedar av
Narpes, Wm. H., 88 Ontario
Natural Gas & Plumbing Co., 1206 Euclid av
Nesbitt, Wm. J., 301 Huntington
Newman, Herman, 209 Ontario
Nitschke Bros., 1002 Pearl
Nitschke, Wm. G., 959 Pearl
Nixon, John W., 62 Frankfort
Nolan, Peter E., 20 Brookdale
O'Donnell, Walter T., 177 Detroit
Oettle, C. 259 Marcelline av
Paine, Geo. S., 540 Prospect
†Parker, A. A., 1438 Superior
Patterson, Robt., 22 Wall
Plagman, Henry T., 953 Clark av
Perry ,Frank C., 1957 St. Clair
Petro, Jas. J., 191 S Woodland av
Pickett, Philip J., 2199 Superior
Plagman, Henry T., 953 Clark av
Poplowsky Bros., 163 Scovill av
Poplowsky, Louis, 382 Prospect
Print, Alfred, 15 Lyon
Quinn, Roy D., 1008 Woodland av
Richter, Jacob, 851 St. Clair
Roach, Michael F., 1105 Woodland av
Roberts, D. H., 2217 Euclid av
Robinson, Edw. B., 286 Dunham av
Rutenbeck & Son, 360 Burton
Rumage, L., 2053 Detroit
Robinson & Erlenbach, 286 Dunham av
†Schneider Plumbing Co., 570 Euclid av
Schriner, Bernard, 612 Pearl
Schwartz, Isidor, 125 Putnam
Schwartz, Leopold, 823 Central av
Scott, Ed. A., 657 W Madison av
Semler & Co., 912 Payne av
Shook, Frank W., 787 Central av
Smith, Thos. J., 905 Willson av
Smith, Tom J., 991 Willson av
Smith & Oby Co., 404 Erie
Southwell, A. W., 462 E. Prospect
Stanton & Grossman, 923 Woodland av
Stephens Bros., 2035 Detroit
Stewart, Wm. G., 2770 Superior
Stoneman Bros., 960 Woodland av
Strever, Chas., 9 1-2 Carr
†Strever Plumbing & Heating Co., 405 Prospect
Sweesy & Seifried, 664 Hough av
†Taylor, Robert, 1199 Lorain
Thomas, Lucien E., 909 Scovill av
Thomas, W. C. & Co., 65 Prospect
Thompson, Oliver O., 2760 Euclid av
Trunk & Wilkins, 1847 B'way
Turnbull, P. J., 384 Pearl
Tyler, E. W., 2700 B'way
Unkefer & Co., 105 Huron
Vickers, Wm. J., 906 Payne av
Wadsworth Plumbing Co., 79 Michigan
Walker, John W., 2824 Superior
Walker, Jos. F. & Co., 891 Cedar av
Warden & Leese, 433 Erie
Weiss & Schnitzer, 473 Scovill av
Welker, C. F., 1410 Cedar av
Wherry, Henry M., 3595 Euclid av, E. C.
Windemere Plumbing Co., 3543 Euclid av, E. C.
Winslow, Geo. M., 1936 Superior
Winterbottom, Jos., 449 Pearl
Wolf, E. K., 550 Scranton av
Yahraus, John H., 1113 B'way

CLYDE—Forgerson, Thos.
COLLINWOOD—Skinner & Richards Co.
COLUMBUS—Bauman & Kimmel, 53 E Livingston av
Bowser, H. & Co., 1437 N High
Burns, W. T., 118 W 5th av
Chapman & Athey, 485 W Broad
Clay, Jno., 49 N High
†Columbus Plumbing Co., 966 N High
Cornell, P. E., 1227 N High
Davis, Frank, 1417 N High
Dolan, J. J., 488 Mt. Vernon av
Dorn & Co., c High & Mound
East End Plumbing Co., 619 E Main
Eichenlaub Bros., 33 S Scioto
Engler & Heintz, 399 E Main
†Esswein, Saml. A., 24 W Broad
†Farley, C. L., 206 E Town
Fischer Bros. & Blave, 1182 N High
†Fitzpatrick & Hoepfner, 54 W Broad
Fortner & Lane, 500 S High
Gehr, Peter, 1104 Oak
Haering Plumbing Co., 327 S High
Harris & Grau, 2474 N High
Harrison & Wright, 1019 W Broad
†Huber & Schmitt, 88 E Town
Huffman-Conklin Co., 661 N High
Independent Plumbing Co., 215 S Pearl
Indianola Plumbing Co., 1088 N High
Jones, G. D., 29 Warren
Jordan, Wm. S., 1034 W Broad
Kelly, J. N., 1072 E Long
Kegelmeyer & Essman, 692 S 3d
†Knoderer, Drescher, 118 E Main
Koch, W. F., 186 S 6th
Lewis, Danl. D., 379 E Long
Lewis, Richard D., 956 W Broad
†Loos & Reynolds, Oak c Parsons av
Lowe & Potter, 848 N High
Lucia, Chas. E., 34 Spruce
Lyons, C. A., 1088 N High
McNamara, E. J., 46 E Gay
Marsh, E. A., 1338 N High
Moler, W. V., 161 N Wall
Morris, & Austin, 155 Wilson av
Munk & Seddon, 39 E Town
Nicholas Plumbing Co., 40 W State
North Side Plumbing Co., 730 N High
Patton Bros., 67 S Grant av
Potts, B. D., 35 E Spring
†Probasco, H. C., 69 N Wash'n av
Ranger, Alpha R., 684 E Long
Roberts Plumbing Co., 945 Mt. Vernon av
Rogers & Davis, 1451 N High
Saunders & Foote, 112 E Long
Star Plumbing Co., 391 S High
Strickler, J. E. & Son, 192 E Long
Stropes, J. A., 459 Charles
Thomas, Grant, 265 W Broad
Werlin, H. C., 619 E Main
West Side Plumbing Co., 1019 W Broad
Wheeler & Cristy, 118 E Main
Williams Bros., 367 E Cherry
Winn, W. T., 106 S Champion av
Wuellner & Theado, 738 S 17th
Yates, C. N., 1310 N High
CONNEAUT—Fortune, William
COSHOCTON—Heiman, Chas.
McNary, C. A.
CRESTLINE—Holcher Bros. & Co.
Strauch Bros. & Co.
DAYTON—Birkett, Jno. C., 40 E 2d
†Bolan Plumbing & Heating Co., 520 W Wash'n
†Brooks Son, 42 N Jefferson
Buckeye Plumbing & Heating Co., 8 N Jefferson
Caulfield Bros., 1327 E 3d
Champion & Williams, 1531 W 3d
Danner & O'Leary, 138 S Main
Dayton Plumbing Co., 904 S Brown
†Fauver & Congdon, 413 E 5th
Gem City Plumbing & Heating Co., 18 W 2d
†Gibbons, M. J., 20 W 3d
Haas, Philip & Wm., 28 S Jefferson
†Hamm, Edward F., 813 E 5th
Hanaghan & Maher, 708 E 5th
Hoerner & Keller, 307 W 3d
†McDermont & Clemens, 28 N Jefferson
Meyer & Hoebner, 504 S Wayne av
Nash, R. & Co., 408 W 3d
†Riley, Jno. L., 929 E 5th
†Ritchie, J. B., 535 E 5th
Ryder, Richard P., 17 N Madison
†Shoup, W. U., 407 S Wayne av
Staniland & Schneble, 232 S Main
Steiln, Geo., 710 S Wayne av
Strassberg & Ford, 2010 E 3d
Teeter, J. K. & W. G., w s N Salem av
†Ware & Moodie, 128 S Jefferson
Webber, Chas., 1121 W 3d
Weber, Wm. J., 1143 W 3d
DEFIANCE—†Wilson, Henry
DELAWARE—Clark, T. S.
Delaware Supply Co.
Delaware Water Co.
Karl, F. B.
EAST CLEVELAND—Stafford, Irving
EAST LIVERPOOL—†Arbuthnot & Bro.
Burrows, A. C.
King & Eells Hardware Co.
Kinsey Plumbing Co.
†Martin, W. J.
Rietzke, J. W.
EATON—†Bender, L. P.
ELMWOOD PLACE—Elberg, Wm. F.
Forsyth, Wm. J.
ELYRIA—†Elyria Hardware Co.
†Flyria Plumbing, Heating & Electric Co.
†Foley, M. W.
Lucas, J. A. Co.
FINDLAY—†Behm, Aura & Co.
Buaman & Phillips
†Coates, N. G. & Son
†Cross, R. B.
Duff & Latchaw
FOSTORIA—Myers & Sons
†PERRY ST. PLUMBING & HEATING Co.
†Sparks, Geo. H.
FREMONT—Buescher, L. H.
Fey, Adam
Held, George, Jr.
White, J. P.
†Swanson, W. H.
FRANKLIN—McCarthy, Joseph
Miller, C. M.
GALION—Atkins & Little
Burgert & Bannister
Resch & Casey
†Sponhauer, H. C.
Zimmerman & Eise
GALLIPOLIS—Gallipolis Plumbing & Supply Co.
Geissler, E.
GERMANTOWN—†Emerick, A. J.
GLENDALE—†Schatzman, Peter & Son
GLENVILLE—Keiper & Gould
Lane, A. J. & Son
Patterson, Hy A.
GRANVILLE—Jones & Son
GREENFIELD—Cox, T. E.
GREENVILLE—Beedle, Chas. F. & Son
BLOTTMAN, W. B.
Dean, Wm.
Gingery, J. B.
Ream, D. P.
Whitney, Joseph
HAMILTON—Betscher, Louis
Ferber, Jos. & Bro.
Graf, William A.
†Henn, John P.
†Leacock, David
†Walker, John L.
HARTWELL—†Gates, Edwin F.
HILLSBORO—Stevens, A. M.
Stevens, A. M.
HYDE PARK—Allen, Edw. N.
Kline, Chas. G.
IRONTON—Arentrout, A. F.
Frecka, Louis
Meyer, George A.
KENT—†Costley, W. G.
KENTON—Cullen, M. W.
†Heath, C. L.
Herran-Wagner Co.
†Humphreys, E. C. & Son
LANCASTER—Lutz Bros.
†M'MANAMY, JAMES
Miller, A. G.
Miller, Hugo
Work, Joseph
LEBANON—Pflanzer, W. J.
LIMA—†Cantieny, C. N.
†Cantieny, C. N.
Cowles & Wood, 108 W Market
Johns, T. B. & Co., 211 S Main
†McVey, J. M., 123 E High
†REICHELDERFER, AUSTIN C., 71 Public sq
Tuttle, E. E.
LISBON—†Armstrong, P. M. & Co.
†Briggs & Morrow
LISBON—†Armstrong, P. M. & Co.
†Briggs & Morrow
Butler, Thos. F.
Hollinger Bros.
LONDON—Nedds, Milton
LORAIN—†Allen, N. C.
Hessel, Jacob
Kohlmyer F. W.
M'ARTHUR—Pearce, L.
M'CONNELLSVILLE—Smith, A. L.
MADISONVILLE—McIntyre, Jas.
MANSFIELD—Bell, H. M.
Cooper, John M.
Freitchen, G. F.
†Harris, George S. & Sons
†Runyan, C .C.
†Schisler, Geo.
MARIETTA—†Acme Plumbing Co.
Lewis Plumbing Co.
†McMillin, M., Front & Butler
Marietta Plumbing Co.
Fleischer, the Plumber
Fling, C.
†Stanfield, G. A., 138 Putnam
MARION—†Cunningham, T. M.
Frye, W. E.
Hair, J. B.
MARION SUPPLY & OIL CO.
MARTIN'S FERRY—Brown, J. C.
Greyson, Harry
Hayne, J. C.
MARYSVILLE—†CHURCH BROS. & Weld
†Scott, O. M. & Bro.
Turner, Richard
MASSILLON—Dillon, Thomas J.
Dillon, Thomas J.
Pinkle & Gleitsman
Smith, J. R.
Ulendorf & Wagner
MAUMEE—†Myers Hardware Co.
MEDINA—Oatman Bros.
MIAMISBURG—Bauer, A. E.
†HORNE, ED. L.
MIDDLETOWN—Arpp, John
†Drayer, W. H.
†McCurry, J. D.
Mosier, John S.

MILLERSBURG—†**SIMON, V. J.**
MONTPELIER—**ROTHENBERG, A. P.**
MINERVA—Gallatin, G. W.
†Hostetter, A. F.
MT. EATON—Schlafly, S. A.
MT. GILEAD—†Holt & Buxton
†Talmage Bros.
MT. STERLING—Junk, P. W.
MT. VERNON—†Clark Bros.
Hill, Harry W.
Robinson, G. B.
Snow, C. G.
NAPOLEON—Groenwold, Frederick
NELSONVILLE—†Sharp, Jas.
NEWARK—Foster & Teaff
Foster & Teaff
†HENDERSON, W. J.
Woolard & Nutter
NEW PHILADELJHIA—Goodwin, Edward
Lehman, Jacob
†Taylor, O. P. & Son
NILES—†Miles Plumbing & Heating Co.
NORTH BALTIMORE—Bel, W.
NORWALK—Barber, L. A.
†Dunmore, Thomas
Dunton, Wm. A.
Gfell & Bailey
NORWOOD—Carroll, Rob't & Sons
OBERLIN—Huckins & Huhckins
Watson & Thompson
West Plumbing & Heating Co.
ORRVILLE—†Eshelman & Bechtel
PAINESVILLE—Joughin, John
Robinson, Jno. T. & Co.
Treat & Baldwin
PIQUA—Lee, Geo. E.
Lee, Geo. E.
Woodcox, J. N.
PLEASANT RIDGE—**SIMPSON, WM. M.**
PORT CLINTON—Semon Bros.
PORTSMOUTH—Kayser, Jno.
Stamm, Charles P., 213 Market
†Watkins, Thomas W.
RAVENNA—†Jenson, A.
†SORENSEN, JORN
READING—Uehlin, Louis
Wehlin, Louis
RIPLEY—Cradit, S. B.
SAINT MARYS—Gross, E. F. & Son
SALEM—†Thomas, W. B.
SANDUSKY—†Aish & Reinheimer
†Bauer & Center
†BROHL & APPELL
Larkins & Joellner
†Schnaetter, C., Jr.
SEBRING—Leonard Hardware Co.
SHELBY—†**DOTY, D. M.**
†Roemer, Julius
SIDNEY—Hobbs, Alfred
Kah, Louis, Jr.
Purnell, S. B.
Wagner, Jacob
SOUTH CHARLESTON—Battin & Stocklein
SPRINGFIELD—Cavanaugh & Co., 71 S Limestone
†DESORMOUX, F. & CO., 33 S Fountain av
Fuhrman-Follrath Co., 93 W Main
Haucke, Geo., 191 W Main
†Higgins, Bernard, 71 S Limestone
Krumholtz, Jas. P., 28 N Center
†Mitchell Bros., 77 W Main
†Ridenour, Chas. E. & Co., 37 W High
Union Plumbing Co.
†Weaver, L. K., 50 W Main
†Willis, R. P. Co., 26 S Limestone
STEUBENVILLE—†COX, ROBERT R.
Freshwater, R. H.
†Hare, F. A.
Helmes, A. M.
†Spindler & Flots
TIFFIN—†**BAXTER & BROWN, 36 S** Wash'n
Kreader, A. & Son 23 Court
Kuder, B. F., 35 E Market
Leister, S. A.
TOLEDO—Bersticker Bros., 1013 B'way
Bitter, W. J. & Co., 508 Cherry
Bolly & Wellman, 315 Main, E S.
Connell, J. F., 806 Monroe
Connell, P. H.
Cook, Jacob, 412 Main
Davis, John L., 2665 Monroe
Dawson, Robert S., 1618 Adams
Densmore & Co., 1108 Adams
Duffy, Henry J., 1529 Cherry
Eagan Bros., 314 Erie
Eddy, H. G., 235 Cherry
Gilsdorf, Geo. J., 340 Erie
Girkens & Boes, 817 Monroe
Girvin, L. A., 1208 Adams
Groenewold & Lang, 18 St. Clair
†Keller Bros., 378 S Erie
Kelley, Chas. & Co., 2017 Adams
†KERN & TUTING, 601 Cherry
Kewley, Thomas, 1006 Monroe
Kring, G. M., 402 Dorr
†Lawrence, J. P., 1314 Adams
†Locke & Schultz, 331 Huron
†Logue, John G., 1307 Millburn av
†McLennan & Gruber, 703 Jefferson
Manion & Co.
Marker, D. C., 319 E Bancroft
Meissner Bros., 130 Superior
Miller, Frank, 1528 B'way
Moore, Albert G., 2151 Ashland av
Mussbach, Gustav, 717 St. Clair
Myers, Martin E., 404 Segur av
Pressler & Pfeiffer
†Raitz, Robert & Co., 631 St. Clair
Ryan, James F., 2253 Kent
Schelling, John J., 622 Jefferson
Simard, Frank E., 1323 Wash'n
Sweatman, J. E., 1618 Adams
Test, F. B., 1509 Adams
†Wacker & Jackson, 342 Huron
Waite, J. A., 419 Madison
Weaver, John W., 2021 Adams
TORONTO—†Horne, Thomas
Kettle, Jas. F.
TROY—†**COLES, SCHAIBLE & SMITH**
Cosley, H. A.
†Hatfield & Scott
Schnell Bros.
UPPER SANDUSKY—Hare & McKelly
†O'Brien, Thos.
URBANA—Mitchell Bros.
Knoezella, A. W.
Mitchell Bros.
Roberts, H. W.
Sweeney, D. J.
UHRICHSVILLE—Hanlin, Frank
VAN WERT—Newforth, F.
Pennell, Willard
Uncapher & Downing
WAPAKONETA—Doering, J. H.
Foos & Wehner
†Kolter, Fred E. & Son
WARREN—†Angustadt, G. W. Co.
Dodge, E. G.
†HENDERSON & HEASLEY CO.
WASHINGTON COURT HOUSE—†Allan, Chas.
Schneider, D. W.
Schneider, J. C.
WAUSEON—†Harper, W. J. & Son
WELLINGTON—†**PIERCE, A. H.**
Wellington Machine Co.
WELLSTON—Wellston Plumbing and Machine Co.
WELLSVILLE—†Dennis, A. P.
Mackie, Jas.
Zeigler, H. C.
WESTERVILLE—Alexander Bros.
Miller, E. A.
WOOSTER—†McClure & Co.
Tieche, J. C.
WYOMING—†Hettemes, John F.
XENIA—**BALDNER & FLETCHER**
North, John A.
YOUNGSTOWN—Brenner, Jacob, 27 S Phelps
Burnett, W. H., 108 W Commerce
Carroll, W. T., 30 S Hazel
Hoffman, Fred W.
Jacobs-Roland Co., 17 E Commerce
†Kist Bros., 21 N Chaupin
†Little, C. J., 12 S Phelps
Scheible, L. B., 306 W Federal
†Scholl, Semple & Jordan Co., 116 S Market
†Stambaugh-Thompson Co.
Vinopal, Johnson & Co.
ZANESVILLE—†**BOHN & KERR**
Bone & Leasure
Heckman, C. J.
†Le Roy, J. A., 18 S 5th
Newey & Bartholomew
†Rockel, H., 18 S 5th
†Sunkel Plumbing Co., 45 N 5th

OKLAHOMA TERRITORY.

ENID—Enid Plumbing Co.
Hamm & English
GUTHRIE—Powers, W. F.
HOBART—Roland, Jno. G.
LAWTON—March Bros.
March Bros.
OKLAHOMA—Binns, A. F.
Buckles, W. F.
Crowder, C. A.
Hanson, Gus
Harrell, Geo.
Parker, Frank
PAWNEE—Hanna, H. C.
Turner, Jos.
SHAWNEE—Estes, E. L. Plbg Co.
Newman, Walter
Wade & Branch
STILLWATER—Frazer, Kelly & Moore Mercantile Co.

OREGON.

ALBANY—Caldwell, S. C.
Ludwig, Martin
ARLINGTON—Huff, A. L.
ASHLAND—Boivin, Mrs. Hy
Provost Bros.
ASTORIA—Montgomery, E. T.
Smith, W. N.
†Willet, S. H., Duane st.
BAKER CITY—†Basche-Sage Hardware Co.
Bowen & Gleason
Caldwell & Benton
BANDON—McNair, A.
COQUILLE—Lamb, J. A. & Co.
CORVALLIS—†Huston, R. H.
†Smith, J. R. & Co.
EUGENE—Aya & Son
Long, S. L.
GRANTS PASS—Coron, E.
Coron, E.
HEPPNER—Gilliam & Bisbee
LAGRANDE—Melville, J.
†Murphy, T. N. (Est. of)
M'MINNVILLE—Hodson, O. O.
Wade, R. M. & Co.
MARSHFIELD—Milner, J. H.
Murphy, W. P.
MYRTLE POINT—†Huling, Lundy & Son
OREGON CITY—**GADKE, F. C.**
Mihlstin, A.
†Pope & Co.
PENDLETON—Clarke, W. J. & Co.
Taylor, T. C.
PORTLAND—Barrell, Coburn, Jr., 47 Union av
Bartel, W. H., 81 Union av
Bohlman, H. C. & Son, 46 9th, N
†Brady & Sherrett, 142 1st
Brandorf, P. A., 510 Williams av
Brigham Co., 91 5th
Brown, Hy. & Co., 184 4th
Bruce, H. L., 226 1st
†Claussenius, Herman & Son, 415 Wash'n
Coffey & Cobb, 265 Russell
Connolly & Wise, 224 Main
†Donnerberg & Rademacher, 129 4th
Eccles, Wm. & Co., 386 Washington
Evans, G. W., Montavilla
Evans, T. A., 999 Belmont
Fleming, M. P., 543 Washington
Hannaford, Jno., 210 4th
Gillan, Robt., 386 Morrison
Hopfer, Wm. H., 530 Wash'n
Howard, A. L., 422 Wash'n
Jacobsen-Bade Co., 431 Wash'n
†Johnston, T. J., 209 Wash'n
Libby, L. H., 1005 Belmont
Lokey, Henry, 493 Gilsan
†McPherson, W. G. Co., 47 1st
Mitchell, Malcolm, 288 Russell
Muirhead, Wm., 441 Wash'n
†Muirhead & Murhard, 361 Stark
Petsch, C. F., 643 Umatilla av
Quackenbush, Roy, 270 Oak
Rowe, T. J., 112 Grand av
Rushlight & Luther, 389 Hawthorne av
Schade Bros., 101 Russell
Schwarz, Geo., 405 E Morrison
Senn, Theo., 652 1st
†Shea, J. F., 10 2d, N.
Singer, B., 453 Washington
Stevenson, Wm., 266 1st
Swint, Henry, 352 E Burnside
Taylor & Stanton, 88 6th
Traynor, G. M., 245 Russell
ROSEBERG—Churchill & Woolley
SALEM—Barr, T. M.
Bernardi & Dunsford
Burroughs & Fraser
Hamilton, A. J. & Son
Petzel, M. J.
THE DALLES—Maier & Schanno
Mays & Crowe
Sexton & Walther

PENNSYLVANIA

ALLEGHENY—Ackley Bros., 1601 Beaver av
Allegheny Plumbing Co., Parkway, E, & Union av
Arthur, Samuel, 523 W Diamond
Barr Bros., 2032 Beaver av
Beam, H. M., 632 Preble av
Bell, Robt. J., 12 Lacock
Benney, Jas. E., Irwin & Taylor avs

Billings, Wm. J., 2126 Perryville av
Bloedel, H. R., 408 Chestnut
Bradley, Wm., 209 Ohio, W.
Brindley & Mushrush, 1127 Penna. av
Brose, A. E., 1127 Allegheny av
Brown, Thomas, 27 Lacock
†Burry, Geo., 841 Wash'n
Bush, Eugene, Oakgrove av, nr Chersea
Carson & White, 1827 Perrysville av
Davis & Keane, 655 Preble av
Droste, Chas., 804 Jackson
Dugan, W. A., 1221 Federal
Ehlers, A. G., 408 Chestnut
Fisher, Chas. A., 140 McClure av
Flannigan, Edw. T., 1404 Irwin av
Frishkorn, G. F., 1518 Beaver av
Ganz & Wirth, 32 Hazel
Gray, Frank J., 1231 Penna. av
Hastings, David, 16 N Diamond
Hay, Hugh M., Ridge av & Rebecca
†Hay, James Co., 214 Ohio
Heid, John B., 90 Lowrie
Henry, Thos. W. & Co., 1804 Beaver av
Hoag, I. V., 209 Jackson
Horner & Dilworth, 15 Lacock, E.
Hunter, H. C., 208 Sandusky
Isherwood, Jos. A. Co., 718 E Diamond, E. A.
Keown, Wm., 218 Sandusky
Kincaid, Harry C., 132 Taggart
Kleiman, Henry, 714 Cedar av
Leisinger, Jacob, 1501 East
Ley, Jno. H., 31 Sp. Garden av
McBride, J. K., 1312 Beaver av
McKaig, James, 220 Ohio, E.
McKissock Bros., 905 Jame
McKissock, Wm. T., 15 Park Way, E.
Mann, Ira A., 17 Parkway
Meiser & Fleishel, 157 Return
Meldon, Frank B., 31 Garrison
Munden & Addy, 909 Federal
Raehm & Co., 514 Ohio, E.
Redenbaugh & Co., 520 Allegheny av
Reel, John A., 19 Church av
Rell & Michaels, 19 Church av
Ross, Louis A., 1316 Juniata
Rowbottom, Richard, 505 Brighton rd
Rowbottom, Wm. E., 1713 Beaver av
Ruttkamp, Paul W., 27 Rhine
Ruehl, John H. F., 28 California av
Sauer, John A., 909 Western av
Sauer, W. N. Co., 804 Chestnut
Scanlon, J. F., 1405 East
Scanlon, Thos. F., 703 North av
Schleuning, H., 1315 Federal
Smith, Wm. G., 906 Western av
Stenson, R. J. & Co., 912 Federal
Stenson, Robt. J. Co., 912 Federal
Struss & Maiser, 712 Ohio
Superior Plumbing & Heating Co., 514 Taylor av
Sulzer, Jno. R. & Sons, 808 Ohio, E.
Tate, Edmund M., 1804 Beaver av
Womserley, Jos. U., 2539 Perrysville av
Wysseier, John F., 720 Ohio
Young, H. E., 140 Brighton rd
Zillix, A. J., 1912 Howard

ALLENTOWN—†Addis, Jos. H., 10 S Centre
†Bitterling, John C.
Dech & Nagle, 729 Linden
Gehman, Chas. J., 115 N 12th
Haines & Gackenback, 1007 Hamilton
Kramer, Chas. H., 720 Ham
†Mattern, W. H., 208 N 8th
Morrell, Chas., 622 Gordon
Swartz, S. P., 13 N 2d
Willenbecher, T. F. & Bro., 128 N 7th
Young, Chas. F., Court n 5th

ALTOONA—Akers, E. A., 1210 10th
†Baird & Haines, 1904 8th av
Brown, J. W., 2121 6th av
†Delaney, P. J.
Dougherty, C. O., 1108 11th
Elway & Chamberlain, 835 8th
†Forney & Co., 1204 8th av
†Foster, John, 1113 7th av
†FOSTER, MARTIN, 725 5th av
Griffin, G. E. & Co.
Hughes, W. S., 608 20th
Lees, J. W.
McAleer, Chas. A., 1108 10th
†McCartney, O. L., 611 7th av
O'Neil, Hugh, E.
Rea, L. W.
†Smith & Hesser, 701 7th
Stewart, Geo. W., 1110 11th av
Stone, Geo. R., 1009 15th
Trotter, L.

AMBLER—**†KRAMER, FRANK**
Marple, D. F.

ANNVILLE—Siegrist, M. B.

APOLLO—Wood, James P.
Wood, James P.

ARCHBOLD—Bishop, W. F.
O'Boyle, F. J.

ARDMORE—Drummond, Thomas
†Norton, H. J.

ASHLAND—Barardn, C. H.
†Buck, Peter E. & Sons
Heinze, E. L.
†Lauer, J. J.
†McConnell & Bro.
Stief, Herman

ASHLEY—Searfoss, Aaron
†Vincent, W. W. & Sons

ASPINWALL—**†HASTINGS & CO.**

ATHENS—**†FINCH BROS.**
Kinney, G. A.

AUSTIN—Colegrove, W. H.

AVALON—Guyton, Wm.
Lewis, Harvey, Jr.

AVOCA—Dunn, T. J.
Webber, Geo. V.

BANGOR—**†DUTT BROS.**
Houck, W. O.

BEAVER—Laughlin, W. B.
Warnock, W. B.
†Williams, J. S.

BEAVER FALLS—†CHANDLEY BROS. & CO., 721 11th
McKean, L. R., 711 7th av
†Treiber, C. A. & Co.

BEDFORD—Hawkins, Geo. C.

BELLEFONTE—**†ALLISON, A.**
Runkle, J. L.
†Schad, R. J. & Bro.

BELLE VERNON—Guiler, Elmer J.

BELLVUE—**GORDON & WEHLING**
McKissock, J. & Son

BENNETT—Eiber, F. M.
McKinney, Robert & Co.
Palmer, A. C. & Bro.
Rahn, J. J.
Zahniser, A. P.

BERWICK—Fowler, W. G.
Kinkade, Andrew

BERWYN—Lobb, P. W.
Quimby, C. S.

BETHLEHEM—Clark, Jno. W., West B.
†KIERNAN, PETER
†Lilly, Robt. J.
Rice, F. J.
Whitesell, F. E.

BIRDSBORO—De Witt, Aug.
Prutzman, J. M.

BLAIRSVILLE—**ALTER, J. O.**
Gibson, J. N.
Jackson, W. H.

BLOOMSBURG—†Hartman & Mendenhall
Holmes, W. O. & Son

BOYERTON—Campbell, Lewis

BRADDOCK—**†EDMUNDS & WILLIAMS**
Emmert & Ways
†Leighton, Henry S.
McCauley Bros.
Peacock, A. R.
Rosensteel, W. R.

BRADFORD—†Burns, A. D.
Carr, Hattie C., Mrs.
Daniels, C. H.
Drake, G. H.
Horrigan & Co.

BRIDGEPORT—Coates, Samuel

BRISTOL—†McMullin Bros.
†RODAN, L. T., c Radcliffe & Market
†Weik, Frank J.

BROOKVILLE—Henderson, R. L.

BROWNSVILLE—Kisinger, J. W.

BRYN MAWR—Greaves, E. H.

BUTLER—Huff, Frank J.
†O'Brien, W. H. & Son
†Whitehill, Geo. W.

CALIFORNIA—James, R. R.

CAMBRIDGE SPRINGS—Home Hardware & Plumbing Co.

CANONSBURG—**†ELLIOTT, W. J.**
Sanitary Plbg. Co.

CANTON—Lindley & Ronan
Pierce, Theo.

CARBONDALE—†Bell & Brown
Cotter, J. B.
Gilhool, J. B.
†Maldfeld, George
Sullivan & Ryan
†Van Bergen & Co.
†Vannan, R. M.
Vonback Bros.

CARLISLE—Foote, B. E.
Frederick & Co.
†Wagher, Elmer E.

CARNEGIE—Day, E. M.
Donnelly, Saml.
Keister, A. D.
Lanfesty, T. M.

CATASAUQUA—**BECK, D. J.**
†Schick & Hausman
Schneller, C. W.

CENTRE VALLEY—Gangewere, L. J.

CHAMBERSBURG—Gilbert, Dan'l,
Gillam, S. Homes
†Rinick, Irene

CHARLEROI—Fleming, J. M.
Laird, J. F.
Regan & Hermeli

CHESTER—Baker, Jos. F.
Barraclough, Edw.
Bleyler & Marker
Bolton, B. Frank
Brennan, Harry T.
Cross, E. D.
Daukelman, Jacob C.
Diggins, Geo. J.
†Flynn & Broughton
Morgan, J. A.
Riley, Harry S.
SHAW & FOWDEN
Smith, W. Geo.
Sullivan, Tim. J.
Thomas, James M.
Turner, S. C.

CHICORA—Hays, E. F. & Sons

CLARION—Allen, A. L.
Gullard, W. H.
Thomas, R. B.

CLAYSVILLE—Bell, J. M.

CLEARFIELD—†Clearfield Steam Htg. Co.
Fleck, A. M. & Co.
Johnson, F. & Bro.
Kettleberger Bros.
†Powell, J. Frank
†Powell & Bigler

COATESVILLE—Burns, J. Walter
Cordes, Hy. B.
McCardle, Jas. A.
†SPEAKMAN, JOHN, 220 Main

COLUMBIA—Conley, Albert B.
Frank, Alex. H.
Haug, Jacob
Snyder, S. S.
†Wilsin, Hiram (Est. of)

CONEMAUGH—Bash, M. H.

CONNELLSVILLE—†Evans, F. T.
Fitzmeir & Co.
McCaslin, Wm.
Snader, S. S.
†MUNSON BROS.
Welker & Sons

CONSHOHOCKEN—†Cleaver, Jonathan
Fineran, Jno. J.
Thwaite, Chas. H.

COPLAY—†Sieger, Eli

CORAPOLIS—**CAMPBELL & ROEBEL**
Ewing & Clark
Moss, Jos.

CORRY—**†BARLOW HDW. CO., LTD.**
†Brigham Hdw. & Plumbing Store
†Guignon, L. E. & E. E.

COUDERSPORT—Olmstead & Stevens
Russell, W. P.

CRAFTON—Beggs, J. M.
Broadwell, T. R.
Hinton, J. W.
Hopper, S. E.
Huddelson, L. E.

DALLAS—Mott, Harry

DANVILLE—†LECHNER, JOSEPH
Schram, Frank
†Speering, Frank

DARBY—Taylor Bros.
†Wolfendon Bros.

DONORA—Bennett & White
Coughlin, W. E.

DORRANCETON—†Wallace, Geo. R.
Wallace, J. R.

DOWNINGTOWN—†Gordon, J. R.

DOYLESTOWN—Dillon, Michael J.
Kolbe, Otto
†McGlade, Frank J.
†Rufe Bros.

DU BOIS—Hay Bros.
Webster, E. W.

DUKE CENTRE—Russell, W. L.

DUNMORE—Hughes, Thomas J.
Kruguin, Elias

DUQUESNE—**MERRITT, C. J.**
Reichenbacher, George W.

EAST GREENVILLE—Miller, C.
Koontz, Saml.

EAST MAUCH CHUNK—†Bennyhoff, W. H.
Genshart, George M.

EAST STROUDSBURG—Lessig, Jos. H.
†Stauffer, Geo. E.

EASTON—Fairer, Edw. C.
Gebhardt & Son
Haines, H. H.
Hallman, Daniel I.
Kelly, W. C.
Mack, John W.
Miller, J. A.
Miller, Jacob A.
Pittenger, Thos. E.

†Ricker, Frank H.
Thume, J. F.
Trumbore, Wm.
Walter, Titus H.
ELDRED—Eldred Gas Co.
Young & Grove
ELIZABETHTOWN—Heck, Emanuel
ELLWOOD CITY—McCarthy, M. D.
EMLENTON—†Bennett, Jas.
Boettinger & Co., 2312 Peach
McCain Bros.
Shoemaker Bros.
Steffee, H. T.
†Sheffer, G. M.
†Weller, J. A. & Sons
EMPORIUM—†Emporium Machine Co.
Murray & Coppersmith Co.
EPHRATA—Groff, G. F.
ERIE—†Albracht & Shaughnessy, 1003 Parade
Boettiger & Co., 2312 Peach
†Butler Plumbing & Heating Works, 523 French
Campbell, M. J., 22 E 9th
Cribbins & Kane, 16 E 5th
Dunn, Frank C., 18 E 7th
†Erie Heating & Plumbing Co., 1203 Peach
Geibel, Chas. W., 406 W 8th
Karch Bros., 1613 Sassafras
Loesel, Chas. F. & Co., 211 E 18th
Lyons, Jno. H. & Co., 922 Peach
†Lyons Bros., 1713 Peach
†McIntire, Geo. B., 1221 State
†Miller, Fred. J., 9 E 12th
Nick, Oscar H., 1513 Peach
Noyes, E. S., 644 W 12th
†Porsch, Jno., 1222 Peach
Purcell, Jas., 514 State
†Williams, R. T. & Co., 717 Peach
ETNA—Palmer, A. C. & Bros.
EVERETT—Gorsuch, Thos. V.
Herman, F. H. & Son
FORD CITY—Ford City Supply Co.
Kracht & Sons
FRANKLIN—†Bunce, W. D.
†Clarke, R. S. & Son, 102 13th
Elliott, Jas. K., Howard st
Sheehan, Daniel, 1238 Buffalo
FREELAND—†Birkbeck, Wm.
Freeland Plumbing & Plumbers' Supply Co.
O'Boyle, M. M.
FREEPORT—Stevick, Jos. C.
GAP—Francis, Irwin R.
Seller, George T.
GETTYSBURGH—†ARMOR, R. D. & SON
†Plank, Allen B. & Bro.
Wilson, C. H.
GIRARDVILLE—**GRIFFITH, R.**
GLENFIELD—**FRIESE, CHAS.**
GLENSIDE—Bebler, Wm. P.
Graver, John S.
GRANT—McCormack, E. B.
GREENSBURG—Baird & Goehring
Ferguson, F. R.
Howell, Geo. W.
McNerny, D. J. & Co.
Skelley, J. A.
GREENVILLE—†Stone, Thos. & Co.
GROVE CITY—Naylor, W. C. & Co.
HAMBURG—Shollenberger, E. R.
HAMORTON—Summerville, G. J.
HANOVER—†Bargelt, L. I.
Bixler, D. D. & Son
†Davidson Htg. & Cons. Co.
Foin, Jos. J.
Wentz, B. M.
HARLEYVILLE—Wolford, H. D.
HARRISBURG—Bayles, J. W.
Bomgardner, J. W., 29 S 2d
Bradley, P. J.
Bumbaugh, Wm. K., 27 Brody av
Coover, J. D.
Elder, M. B., 200 N 2d
†Fisher Bros., 1001 Capital
Froehlich, C. M., 1121 Market
Gilmer, C. G., Filbert & Walnut
†Harrisburg Steam Heat & Power Co.
†Horn, Alex. D.
Knox, J. L., 1822 Deny
Kramer, A., 609 York av
†Kramer, John A. & Son, 912 N 3d
Laufle, G. & Son, 1423 N 3d
Lutz, H. S., 1302 Green
Lutz & Haas, 232 South
Lyme, I. R. & Co., 1014 Market
†Marshall, J. S., 1306 N 6th
Marshall, W. H.
McKee, E. C., 1626 N 4th
Mehring, L. W.
Nauss, Christian, 9 S 3d
Neill, J. W., 308 Strawberry av
Poole, W. I., 314 Chestnut
Rauch, Edw. C., 213 N 2d
Saul, M. F., 1519 N 4th
Vaughn, John S.
Vaughn, P. H., 1434 N 3d
Wykoff, W. C., 638 Verbeke
HAVEN—Cypher & Son
HAZLETON—Central Plumbing Co.
Fichter Bros.
Gaughan, Thos. J.
Held & Wendel
†Moyer Plumbing & Heating Co., 41 N Wyoming
Walck, Richard
HOLLIDAYSBURG—Brenner, William
Jacobs, C. B. Son & Co.
Shatzer, Joseph T.
HOMESTEAD—Gibson Bros.
Goeddell, Chas.
Lawson Plumbing Co.
McLean & McDonald
Neu, E. W. & Co.
Seidler, B. P.
Wickes & Co.
HONESDALE—**†DODGE & ERK**
†Spettigue, O. M.
†Watts, Graham
HUMMELSTOWN—†Zerfoss, S. E.
HUNTINGDON—†Gahagan, A. T.
Kenyon, J. O.
†Long, William H.
Tierney, Frank S.
HYNDMAN—Dineen, W. H.
HYNDMAN—Deneen, W. H.
INDIANA—†Alter, Charles A.
Cost, Joseph S.
Hamilton, George T.
Taylor, ALex. T.
INTERCOURSE—Rodgers Bros. & Leaman
IRWIN—Kuder, John G.
Reiter Plumbing Co.
Roadman, J. W.
Sinclair, J. H.
JAMESTOWN—McCreary, J. C.
JEANNETTE—Kennedy, D. J.
JENKINTOWN—Brophy, Stewart J.
Kohl, A. S.
Mather, Charles, Jr.
JERMYN—Eagen, M J.
JERSEY SHORE—Crowe & Stenner
Womer, Charles
JOHNSONBURG—Florian & Johnson
Larson Bros.
JOHNSTOWN—†Bailey, E. W.
Barnhart, P. A. Plbg. & Htg. Co.
Campbell & Co.
McGahan, J. K.
Purse, Robert
Richards, Jno., Jr.
Seigh, B. L.
Updegrave, Frank
Von Lunen, George
Walters & Decker
KANE—Crowell, Theo.
Hearst, Robert E.
Kane Gaslight & Htg. Co.
†Smith Hdw. Co.
KENNETT SQUARE—†Stiner, William H.
Thomas, Charles
KINSGTON—**JOHNSON, HARRY F & Sons**
KITTANNING—Barry, W. A.
†Dosch, A. W.
KUTZTOWN—Brause, J. S.
LANCASTER—Acme Metal Works
†Arnold, John L., 141 N Queen
†Bachler, Leonard H., 201 N Prince
†Buckius, Benj. R., 7 S Christian
Coulter, I. G., 24 E Vine
†Evarts & Overdeer, 1 Howard av
Fisher & Powell
†Flinn & Breneman, 152 N Prince
Hartman, J. E.
Lancaster Plumbing & Heating Co.
Maxwell & Rechman
Miller, David H., 350 N Queen
Penn Cornice & Roofing Co., 40 E King
†Reilly Bros. & Raub
Simpson Bros., 433 Manor
Wieland, W. P.
Will, H. & C. K., 8 W Mifflin
LANSDALE—†Jenkins, Grant & Co.
LANSDOWNE—Muldoon, H.
†Worrell, William H.
LATROBE—Blank & Cannon
Brennen, J. E.
†Harr, L. H.
LEBANON—Brooks, Chas. F.
Grumhein, J. E. Co.
Johns, Scott W.
†McLaughlin, C. A.
Reinhard, Wm. G.
†Schreiber, Geo. W.
Schreiber, John
Zerman, Harry
LEECHBURG—Hardie, W. V.
†McCracken, S. M.
Small & Hill
Wannamaker, M. L.
LEHIGHTON—Esch, George A.
LEWISBURGH—Hause & Oberdauf
LEWISTOWN—Bratton, W. B.
McCafferty, D. G.
Mayes, W. S.
Miller, Joseph A.
Soles, C. E.
LITITZ—Huber, Sam'l M.
LOCK HAVEN—†Bruner, O. B.
McCabe, E. J.
†Martin, S. Z.
Quinlan, Michael J.
†Thomas, A. M.
LUZERNE—**SNYDER, J. T.**
McKEESPORT—Borland & Mills
Childs Bros., 830 5th av
†CHISHOLM HEATING & PLUMBING CO., 614 Sinclair
Helsel & Merritt
Hofman, A. M.
Kurtz, B. F.
McKeesport Plbg. & Roofing Co.
Malone, J. F.
Myers, A. N., Blackberry al c S Diamond
Neemes Bros., Walnut st
Stickrath, John A., 210 6th av
Thompson, F. G.
Turner, George, 1216 Walnut
Ziegler, Lawrence H., 341 Shaw av
M'KEES ROCKS—Bentz, A. A.
Crumley, Wm.
Griffiths, E. E.
Priddy, Thomas, 19 Chartiers av
Schmid, H. D.
Vowerck, E. A.
MACUNGIE—†Neumeyer Bros.
MAHAFFEY—**†WRIGLEY HDW. CO.**
MAHANOY CITY—†Heiser, H. J. & Co.
Larkin Bros.
Leahy, Thomas F
†Morgan, William
Stokes, Geo. S.
MAHANOY PLANE—Bevan, T. A.
MALVERN—**DETWILER, MRS. PHOEBE**
†Elliott, Charles S.
Morgan, W. & T.
MANHEIM—**HERSHEY, B. H.**
Litzenberger, W.
MARIETTA—**STUMP & MUELLER**
Wiseman, A.
MAUCH CHUNK—†Bartholomew, E. D.
Deemer, H. G.
Oppold, Mrs. Emma
Schrank, William M.
†Spangler & Esser
MEADVILLE—†Berg & Boyle
†Judd, M. C. Co.
Kress, A.
†LORD, L. L. CO.
†McCurdy, C. P.
†Roueche, Frank
MECHANICSBURG—†Bobb, H. M.
Cocklin, C. M.
†Hauck Bros.
MEDIA—†Carey, W. H.
Major, George
Ware, P. W.
MERCER—Rexnor Mfg. Co.
MEYERSDALE—Baer & Co.
Bolden, C. A.
Ford, D. P.
Miller, Wm.
MIDDLETOWN—Hamaker, J. M.
MILFORD—Klein, T. R. J. & Son
MILLERSBURG—Bowman, Levi B.
MILTON—Hause, Charles L.
†KENNEDY, J. F. F.
Meixell, C. C.
Prosser, Joseph B.
MINERS' MILLS—Ayer, James & Son
Burt, George
MINERSVILLE—†Dunn, A. K.
Martz, J. F.
Witmar, A. H.
MONONGAHELA—Downer Bros.
White, W. B.
MONACA—Dietrich, G. A.
Webster, Frederick Co.
MONESSEN—Butler, J. F. & Co.
Coughanour, A. H.
Culler, C. W. & Co.
Travers, M. P.
MONTCLARE—Logan, A. L.
MONTROSE—†Cooley & Son
Ryan, Jno. J. & Co.
MOOSIC—Koons, John
MORTON—Benecke, Henry
Curran, J. F.
Manning Bros.

MT. CARMEL—Beddall & Wardrop
Bergstresser, Saml. E.
Collier, S. E.
Donohue, W. V.
Evert, Wm. D.,
Fagley, H. S.
Phillips, Wm. H.
Williams, Henry H.
MT. PLEASANT—Mt. Pleasant Plumbing & Roofing Co.
†Stevenson, J. A. & Co.
MUNCY—Lloyd Bros.
†HILL & EVANS, 20 N Market
Lecher, J. H. & Son, 107 E Main
Snyder, C. P.
NANTICOKE—Davis, Edw. J.
NAZARETH—Fulmer, Jos. H.
NEW BETHLEHEM—Thomas, G. L.
NEW BRIGHTON—†Donaldson, W. O.
NEW CASTLE—Bryson & Bigley
Carbaugh, J. H.
†Dunlap, H. R. & Sons
Dunlap, H. L. & Co.
Garvin, Wm. R.
Gross, J. H. & Co.
Stadler Plumbing Co.
†Stevenson Bros.
Streib, Frank
Whitla Plumbing Co.
NEW HAVEN—Cyphers & Son
NEW HOLLAND—MARTIN, ELI M.
NEW KENSINGTON—ARMITAGE BROS.
NEWPORT—Keim, Harry T.
NEW PROVIDENCE—ANDREWS, J. F.
NEWTOWN—Lundy & Shinn
NICHOLSON—Driggs & McConnell
NORRISTOWN—†Boyer, J. Frank Plumbing & Heating Co.
†COWDEN & ZIMMERMAN
Roop, Andrew H.
Scanlan, Michael F.
Streeper, D. H.
Streeper, D. P. & Son
NORTH EAST—Grimes, W. D.
North East Plbg. Co.
NORTHUMBERLAND—Boust, A. C.
NORTH WALES—Morris, Geo. K.
OGONTZ—Horner, M. P.
OIL CITY—†CARSON, J. M., 57 Main
King, John
†McCue, F. D., 20 Spring
†Naylor, R. D., 204 Elm
†Reidy, James M., 30 Seneca
†Richards & Rickards, 103 E Front
OLYPHANT—Lally, Jas. H.
Patten, J. W.
ORWIGSBURG—†CAMPBELL, M. E.
OXFORD—Burling, William
Ivinson & Armstrong
Manyoun, T. J.
PARNASSUS—Wills, Chas. T.
PARSONS—Trethaway, Tom
PATTON—Gould, John C.
PEN ARGYLE—Bieler, C. & Son
†Correll, R. S.
PENNSBURG—STECKEL, V. H.
PHILADELPHIA—Adams, Wm. P., 1634 Sansom
Alloway, Jos. B., 6231 Gtn. av
Alsop, Sarah, 2052 Fairmount av
Anderson, Geo. W. & Co., 1229 Girard av
Anderson, Wm. F., 529 S 2d
Anderson, Wm. M., 108 S 20th
Archer, Jos. P., 1902 Oxford
Armbrust & McGurk, 1936 Christian
Armstrong, Chas. W., 46th & Lancaster av
Armstrong, Geo. S., 2637 N Hutchinson
Armstrong, John, 6021 Gtn. av
Arnold, J. C. & G. W., 5119 Gtn. av
Arthur, J. E., 415 York
Ashworth, Geo. T., 5943 Haverford
Atkinson, George M., 4055 Market
Augustin, Joseph, 123 S 7th
Azone, George, 166 Laurel
†Bachler, C. F., 49 N 7th
Bacon, Chas. T., 2231 N 17th
Bailey, Edwin H., 1128 Girard av
Baker, Albert C., Jr., 839 N 16th
Baker, Howard K., 4031 Lancaster av
Baker, John S., 2560 Gtn. av
Ball, John G., 5319 Haverford
Bamford & Hansbury, 3607 Longshore, Tac.
Bannister, G., 1819 Brunner
†Barclay, Alex. M., 113 N 6th
Bareiss, Fredk. W., 921 N 12th
†Barger, John J., 2604 Columbia av
Barnes, Charles W., 1905 S 13th
†Barnes, Samuel W. & Son, 2106 N 6th
Barraclough, H. Wallace, 2331 N Front
Barranger, John F., 2839 Harrold
Barry, Thos. J., 315 S 20th
Barton, Wm. B., 2333 S 12th
Bash, Robt. J., 1366 Cadwallader
Bash, Robert J., 1341 N 2d
Batty, S. Wesley, 6052 Vine
Baxter, Edward M., 1927 S 4th
Beal, Seneca W., 3128 Wharton
Beanland, Wm., 2957 N 4th
Beatty, Wm. J., 6000 Gtn. av
Beck, Chas. A., 1634 Naudain
Beck, E. C., 263 S 15th
Beckett, George W., 2036 Pine
Behmke, John, 1509 S 2d
Bellwoar, Joseph A., 16 S 17th
Benezet, Jno. H. & Bro., 118 Vine
Berger, Herman, 707 S 6th
Berry, Wm. G., 2035 Berks
Bertsch, Harry, 810 Montgomery av
Bertsch & Hartkopf, 445 Girard av
Bevan, Elwood & Co., 113 N 12th
Bieler, John V., 2040 E Susq'ana av
Bieling, Christian, 3218 Fkd av
Billings, Saml. C., 2227 Fairmount av
Bing, Norris H., 1216 Montgomery av
Blakely, Wm., 2514 Poplar
Bleam, Harvey C., 2801 N Lawrence
Blinkhorn, John R., 2232 Locust
Boal, Wm., 8133 Fkd av, Hbg
Bockins, Jas., 2016 S 18th
†Bode, Adolph & Son, 1526 Gtn av
Bodenstine, Wm., 2934 Ridge av
Bond, Alex G. & Bro., 1321 Ridge av
Boon, Chas. R., 6713 Upland
Boon, Frank B., 4807 Woodland av
†Boon & Sample, 137 S 10th
Boorse, A. L., Bustleton pike, Bln
Borden, Jno. & Bros., 637 N 19th
Borie, Jos. S. (Est. of), 1009 Spruce
Boulais, Eugene, 6032 Master
Bowers, George, 4169 Lancaster av
Bowman, Chas. P., 1926 N 20th
Bowman, Edw. G., 804 S 5th
Boyle, Thos. F., 2066 E Lehigh av
Bradley, Jas., 1343 S 18th
Bradley, James, 718 Spg Garden
Brady, Charles P., 821 N 10th
Braker, Geo., 220 N 15th
Braun, Morris, 441 N 4th
Brennan, Jas. H., 2341 N Marshall
Breyer, Geo., 1204 N Hancock
Britton, B. Frank, 151 E Chelton av, Gtn.
Broehan, Geo., 1109 S 47th
†Brogan & Co., 810 Race
Bromley, Edw., 4437 Fkd. av
Brown, Edw., 1515 Brown
Brown, Edw., 1308 McClellan
Brown, Edw. P., 1325 Sigel
Brown, Frank P., 45 N 6th
Brown, George, 104 S 40th
Brown, Henry M., 2111 Susquehanna av
Brown, John A., 2531 N Garnet
Brown, Wm. E., 1021 Moyam'g av
Brunner, Wm. A., 5015 Portico, Gtn.
Bryan, Jacob T., 148 Vine
Bryan, John G., 107 N 7th
Buckalew, Geo. A., 4530 Baltimore av
Bugger, Jacob, 2124 E Cumberland
Bulman Bros., 2532 N 5th
†Burns, David R., 752 N 19th
Burton, Geo. W., 1429 Brown
Busch, Michael, 134 Fairmount av
Butler, John, 5817 Race
Buzby & Hellerman, 2d st pk
†Byrnes, Howard L., 3047 Fkd av
Byrne, Jno. J., 37 N 10th
Caldwell, Geo., 1923 E Dauphin
Calhoun Plumbing Co., 703 Walnut
Callahan, James E., 1204 Belmont av
Camac, David E., 3528 Wharton
Carpenter, Chas. T., Krams av, nr Ridge, Rox.
†Carr & Oakes, 1120 Pine
Carson, Andrew, 283 S 5th
Casey, Thos. J., S 12th c Snyder av
Cassidy, Wm., 48 N 10th
Catsiff, Ephraim, 959 N 2d
Catsiff, Herman, 403 S 6th
Chadwick, Jas. & Son, 4245 Fkd av, Fkd
Chestnut, John W., 108 Susquehanna av
Clark Bros., 218 S 12th
Clark, David H., 2908 Mascher
Clark, Geo. H., 4207 Haverford
Clark, Henry, 906 S 6th
Clark, John, 8034 Fkd. av
Clark, Lawrence, 917 S 11th
Clark, Samuel, 4345 Frankford av
Clark, Samuel S., 2129 Wallace
Clark, Thomas D., 267 S 11th
Clayton, Hy. T., 885 N 28th
Clegg, Allen W. S., York rd c Nedro
Clegg, Harry B., 1613 Frankford av
Clifton, Artbur J., 4252 Fkd. av
Clinton, Wm. L., 787 N 24th
Cobb, Daniel B., 1512 S 5th
Coffin, Henry, 524 Walnut
Cohen, Jos., 836 Federal
Cohen, Jos., 1201 S 7th
Coles, A. Quintin, 3746 Lancaster av
Collar, A. J., Jr., 1944 N Front
Conrad, Chas., 51 Emily
Conrey, Bernard J., 3639 Market
Conwell, Hubert J., 1426 Jackson
Cooke, Geo. A., 2122 Gtn. av
†Cooke, Wm. P., 3344 Gtn av
Cooley, Wm. C., 1340 Somerset
Cooper, Saml., 3110 Emerald
Coy, Frank D., 922 Filbert
Craig, Lemuel J., 5212 Pulaski av, Gtn.
Craven, W. J. & Son, 4425 Main, Myk
Crossley, James, 2120 Ridge av
Crothers, Wm. T., 2113 Morris
Crowell, H. H., 1335 N 12th
†Crowther, Samuel, 1608 Sansom
Cuff, J. W. & Co., 2027 N 23d
Cullen, A. J., 710 S 19th
Cummings, Thos., 30 W Johnson, Gtn.
Cunningham, Jas. J., Jr., 126 S 2d
Cunningham, Thos. J., 4332 Fkd. av
Currie, Howard J., 1008 Ritner
Currie, J. M. & Bro., 8525 Gtn av
Dahn & Cooper, 3728 Gtn av
Daily, Jos. A., 809 Wharton
Dale, Thos. B., 31 Manheim, Gtn
†Dalton, Jas. A., 256 W Diamond
Daly, John J., 3061 Gtn. av
Daly, Jno. A., 5020 Lancaster av
Daly, Jno. J., 3061 Gtn av
Danzeisen, John, 3637 N 7th
Davenport, Reuben C., 3963 Gtn. av
Davenport, W. H., 106 Conarroe, Myk
David, Edw., 5418 Haverford
David, H. L., 1341 Westmoreland
Davidson, Thos., Jr., 171 Dauphin
Davies, Elias T., 1325 N 16th
Dawson, Frank, 2527 N Bouvier
Days, Henry, 2512 N Colorado
Days, Roland, 1524 York
Deacon, W., 515 Diamond
Dietz & Bro., 217 S 8th
Dempsey, Thos. F., 7223 Woodland av
Denby, Chas., 315 Arch
Devine, Jas. J., 2037 Federal
Deitz, Louis G., 2538 N Hancock
Dichter, Abraham, 1030 S 4th
Donahue, Jno. J., 2403 S Broad
Donobue, Jos. S., 2343 N 22d
Donegan, M. J., 4452 Gtn. av
Doran, William, 3421 Fkd av
Dougherty, Augustus, 7122 Greenway av
Dougherty, Chas. J., 2341 N 15th
Dougherty, Edw. W., 1421 E Columbia av
Dougherty, Frank P., 1944 E Passy'k av
Dougherty, Jno. J., 2233 Federal
Dougherty, Jno. J., 2513 S 16th
Dougherty & Dean, 815 S 4th
Doyle, Wm. H., 1610 Spruce
Doyle, Wm. J., 134 N 13th
Doyle, Wm. J., 2d st pk n Rhawn, Fox Chase
Drake, C. E., 1520 Columbia av
Drew & Co., 1216 N 19th
Drummond, Gregor, 2642 Gtn av
Drummond, Robt., 2025 Gtn. av
Duffy, Geo. W., 3932 Poplar
Duffy, Jas. P., 2411 Firth
Dukes, Richmond M., 828 S 2d
Duncan, Morton E., 4826 Baltimore av
Duncan, Walter E., 4902 Woodland av
Dunlap, Leonard, 6229 Woodland av
Duprey, Aug. F., 1413 Race
Durang, Robt., 2008 Ogden
Durkin, Dominick F., Jr., 529 S 16th
Dwyer, John F., 1239 Ridge av
Eames, Ezekiel D., 1855 Roseberry
Eastwick, Wm. W., 101 S 2d
Einholz, Otto, 913 Master
Eisenberger, Jos., 1309 Master
Eismann, Adolph C., 2303 N 7th
†Eismann, Henry, 2753 N. 5th
England, Geo. W., 237 S. 5th
English, Thos., 1817 Fairmount av
Epp, Peter, 1629 N 21st
Erdmann, F. B., 1608 Fairmount av
Esher, Chas. F., 2151 N 31st
Eustace, Frank J., 4417 Lancaster av
Evans, Jas., 2600 Ridge av
Evans, Samuel T., 701 Girard av
Everett & Dugan, 716 Walnut
Eyanson, Jno. E. & Son, 207 S 10th
Eyth, Wm., 2833 N Orkney
†Faith, S. & Co., 2427 Penna, av
Faunce, Wm. H., 907 Filbert
Fehr, Jno. G., 2758 Kensington av
Fell, Sam'l H., 601 Moore
Ferguson, Jas. S., 236 S 22d
Field, Geo. A., 2145 Fernon
Fine, Samuel, 946 S 6th
Finn, Jas. J., 322 W Chelten av, Gtn
Firth, Richard, Jr., 1347 S 34th
Fitzgerald, Jas. P., 120 S. 6th

Fitzpatrick, Sommers C., 1029 Christian
Flannagan, Edward & Co., Gurney nr E Lehigh av
Fleming, Wm. H., 1404 N 61st
Fletcher, Jos. T., 208 N 5th
Fliek, L. J., Jr., 1233 Stiles
†Flood, G. E., 2118 Diamond
Florence, Andrew, 123 S 5th
Flynn, James A., 1226 Sansom
Fogarty, James T., 802 Norris
Fogg, Albert, 126 N 12th
Forbes, Clement A., 203 Walnut
Foster, Albert E. & Co., 4023 Laneaster av
Ford, John F., 403 Spruce
Foster, Harry S., 204 Wash'n av
Foster, Joseph C., 724 N 42d
Foster, R. G., 4259 Ridge av
Foster, Thos. J., 3300 N Howard
Fox & Long, 3041 Ridge av
Francis, Thos. F., 144 N 6th
Franks, Chas. C., 2215 Emerald
Fray, Frank, Jr., 726 Poplar
Frey, Milton W., 7700 Ridge av
Fricka, Chas. D., 1328 N 17th
Friedman, Jos., 944 S 5th
Fritz, Joseph H., 421 Girard av
Fry, Mason K., 728 Spring Garden
Fulton, Theo., 3507 Howell, Wissng
Fuss, Gottlieb W., 5109 Taeony, Fkd
Gabell, Geo. T., 1214 Sansom
Gaghan, Jchn J., 2263 Waterloo
Gailey, Dan'l, 2018 Westmoreland
Galagher, Chas. F., 4270 Main, Myk.
Gallagher, Edw. J., 1909 Mifflin
Gamble, G. W., 3012 E Thompson
Gareia, John D., 1826 Bainbridge
Garey, Wm. E., 716 Berks
Garner, Jos. D., 2856 K'tn av
Gates, Stephen, 618 McKean
Gaynor, Philip, 2847 K'tn av
Gebhardt, Gustave W., Hartwell la, nr Millman
†Geiger, Aug. (Steam Heating only), 114 N 6th
George, M. Wm., 221 N 11th
Gibson, Wm., 1530 Venango
Gill, Robinson, 1918 S 18th
Gillen, Thos. J., 2821 Agate
Gillespie, A. Lincoln, 622 S Broad
Goeppinger, Geo., 2119 E Cambria
Golden, M. J., 220 Manheim, Gtn
Goldine, S. L., 748 S 5th
Goldner, H., 156 W Lehigh av
Goll, Balthaser, 524 N 3d
Goodin, Samuel, 2606 Amber
Goodyear, Jno. G., 2034 Turner
Gormly, John, 1433 Columbia av
Gormley, P., 155 N 10th
Gosman, Wm., 2247 N 10th
Gotwois, Geo., 3107 Frankford av
Graham, Danl., 1822 Norris
Gray & Dormer, 1729 Columbia av
Green, Nicholas, 754 S 2d
Greenfield, Levi S., 2369 E Letterly
Greenstein, Saml., 619 S 11th
Griess, F. J., 3808 Gtn. av
Griffith, G. G., 1904 S 6th
Griffith, N. B., 956 N 11th
Grimes, John A., 2700 Cambridge
Grimm, Harry A., 725 Race
Groeling, Wm., 525 York
Grosart, Alex, 1815 Wharton
Gross, Wm. E., 1224 Oxford
Gunzer, Frederick, 1353 Passyunk av
Gunzer, Jno. C., 43 E Chestnut Hill av., C Hill
Guyer, Harry, 27 E Sharpnack, Gtn.
Haas, Jno. L., 920 Girard av
Habgood, Geo., 4665 Frankford av
Haggerty Bros., 3093 Ktn av
Haines, F. Darker, 5100 Reno
Hak, Albert, 850 N 10th
Haley, Jas. M., 1749 N 10th
Hallinan, Jas. F., 5218 Vine
Hamilton, Milton L., 240 N 13th
Hamm, Charles, 149 N 11th
Hammer, Albert E., 1420 N 4th
Hammer, Theo. 533 Callowhill
Hampton & Co., 214 Walnut
Hanlon, Jos., 1326 N Haneoek
Hanwell, Cyril, 3101 C
Harbach, Andrew J., 3536 Sunnyside, Falls
Harkness & Bro., 229 S 2d
Harkness, Thomas, 865 N 48th
Harkness, William, Builders' Exch.
†Harley, John, 2664 Coral
Harnett, Jas. J., 2340 N 29th
Harnett, Jno. T., 2329 N 33d
Harper, Robert, 215 N 16th
Harris, B. M., 21 S 45th
Harris, Jno. A., 766 S 19th
Harshaw, Jas., 2118 Fitzwater
Harvey, Abraham D., 2d st pk, nr Rahuro
Hayes Bros., 2442 S Broad
Hazlet, William, 1227 N Hancoek
Hazlet & Weir, 301 Girard av
Hearn, Jno., 302 N 17th
Hehr, Chas., 2843 N 2d
Heins, Chas. S., 1934 Callowhill
Heins, Frank B., 2113 South
Henderson, Robt. E., 1131 S Broad
Hennessey, Jas., 426 E Girard av
Henon, Jno. D., 8920 Fkd. av
Henry, Edw. M., Jr., 709 Mifflin
Henry, Frank W., 802 Girard av
Henry, Wm., 1618 N Adler
Hering, Philip, 426 Belgrade
Herse, Stephen, 242 N 4th
Herse, Stephen, 224 N 4th
Hess, Frank P., 2315 Hamilton
Hess, John M., 2551 N Reese
Hewes, Wm. T. & Co., 1041 Spring Garden
Hieks & Bro., 651 N 8th
Higgins, H. C. & H. Y., 1405 Raee
Hill, Hy., 3330 Market
Hird, Wm. J., 1024 Carpenter
Hirst, Geo. C., 3625 Longshore, Tae
Hirst, Isaac T., 340 N 4th
Hirst, Wm. C., 564 N 20th
Hoben & Doyle, 2056 Pine
Hoeffelman, Fredk. C., Jr., 1929 Dauphin
Hoffer, J. Edward, 27 S 16th
Hoffner, Louis B., 1332 Jerome
Hoft & Sneller, 800 Passyunk av
Holdson, Harry W., 155 Cumberland
Holland, Edw. J., 510 S 24th
†Holmes Eros., 2102 N 8th
Hong, Frank P., 4654 Edmund, Fkd.
Hooven, Geo. W., 1714 Ridge av
Hoover, Andrew J., 1947 E Somerset
Horn, B. F., 28 N 5th
Horwitz, Frank, 1137 S 8th
Houghton, W., 2153 E York
Howell, F. S., 1613 Columbia av
Hubley, Joseph E., 516 S 12th
Hudson, Geo., 215 E Hortter, Gtn.
Hughes, J. W., 811 Jackson
Hughs, Hy., 7030 Woodland av
Hurlburt, H. L., 5431 Hunter's la
Hutchinson, Isaae, 2849 N Howard
Hutchinson, Jas., 2556 N Sartain
Hutchinson, Jno., 2434 Seybert
Hutchinson, Samuel, 2021 Winter
Hutehinson, S., 340 S 17th
Hutton, Jas., 3413 1-2 Haverford
Hyde, Joseph, 212 Hermitage, Myk
Hynes, & Herzog, 920 N 29th
Ingersoll, Robt. C., 2225 Greenwich
Innes, C. T. & Co., 870 N Franklin
Iseminger, Chas. F., 624 Federal
Jaekel, Henry, 2200 E York
Jackson, Geo. A., 1039 N 4th
Jackson, Guy A., 1014 Lawrenee
Jaeobs, Robt. H., 1800 Montg'y av
Jacobs, Simon, 203 Vine
Jaeobson, B., 1023 S 6th
Jaggard, Geo. A., 2333 N 32d
Jahn, Charles, 5312 Gtn av
Joerger, George W., 412 Green
Joerger, Xavier & Son, 610 N 3d
Johnson, Hy., 610 S 7th
Johnson, Walter S. 139 Dawson, Myk.
Jones, Albert T., 1524 N 54th
Jones, Chas. A., 2404 N Bancroft
Jones, Walter, 1732 Columbia av
Jordan, Chas. A., 2854 N Fairhill
Joy, Frank, 2733 Gtn. av
Joyce, John J., 1306 Porter
Kahler, O. A., 3103 N 15th
Kane, Chas., 2306 N 5th
Kane, Wm., 914 Carpenter
Katzmann, Adolph, 318 Susquehanna av
Katzmann, Wm., 310 Norris
Keenan, Jno., 4432 Lancaster av
Keichline, Jaeob, 1208 N 24th
†Keihner, Chas. F., 712 Callowhill
Keimer, Henry, 511 Lehigh av
Keimer, William, 2820 N 5th
Kelley, Jas. A., 4644 Parrish
Kelly, Geo., 2230 Pine
Kelly, John J., 3021 York
Kelly, Michael, 2528 N Front
Kelly, M. M., 4017 Lancaster av
Kennedy, Dennis, 837 E Chelten av, Gtn
Kennedy, Hugh, 1617 Tasker
Kennedy, William A., 207 Doek
Kensil, Wm. A., Jr., 1818 S 3d
Kerr, Wm., 2044 Fkd. av
Kettlewell & Robinson, 28 S 40th
King, H. Clay, 5504 Girard av
Kiniry, Robt. J., 916 S 15th
Kinsley, Joseph T., 135 S 5th
Kirby, Allen, 3508 Ktn av
Kirk, R. J., Jr., 131 E Cumberland
†Kirk, Wm. S., 1539 Catharine
†Kirkman, D. & Son, 15 N 40th
†Kite, Alexander, 3937 Lancaster av
Kite's, John H Sons, 2913 Ridge av
†Kite, J. Sellers & Co., 523 N 40th
Kite, P. J., 2901 Diamond
†Kleiber, Louis, 1025 N 2d
Klein, Edw., 1023 Girard av
Kline, Henry A., 2124 N Van Pelt
†Kline & Co., 322 N Broad
Knockle, Geo. B., 1452 E Wilt
Knox, James, S 69th, nr Regent
Koenig, Joseph F., 3052 Chatham
Kohn, Jos. C., 618 S 8th
Korb, Jno. H., 1414 N 23d
Kork, Jno. M., 1927 Gtn. av
Kramer, Charles P., 3540 N 5th
Kramer, Frank, 959 N 11th
Krouse, Godfrey & Co., 23 S Orianna
Krouse's, Wm. Sons, 149 Green
Kuhn, Frank, 4352 Cresson, Myk.
Kuttruff, Charles, 1732 Newkirk
Lafferty & Fisher, 244 Race
Lambert, John H. & Son, 2226 E Cumberland
Lamond, W. E., 602 S 22d
Lance, Arthur B., 2801 N Front
†Lang, John A., 248 Queen, Gtn
Langan, Michael J., 1927 S 16th
Lange, Arthur B., 2801 N Front
Laning, Jos. M., 300 Cumberland
Larkin, B., 1905 Nicholas
Lawlor, Jas. J., 5129 Laneaster av
Leary, Wm. E., 1903 N 2d
Leary & Henry, 529 Cumberland
Lednum, Dalton E., 622 Indiana av
Lehman, Morris A., 442 Lombard
Leinau, Roberts, 111 S 7th
Leitch, William, 3309 Chestnut
Lenahan, Jeremiah F., 2517 Gtn av
Lentz, Harry B., 449 Poplar
Leonard, John J., 265 S 110th
Levin, Louis, 1242 S 2d
Levy, Harry, 1148 Passyunk av
Lewis, Jos. S., 1442 York
Lilly, Edward C., 2044 Coral
Lindslay, William E., 521 N 20th
Little, Theo. S., 4626 Laneaster av
Lock, Otto, 923 Ridge av
Lomax, Frederiek, 1130 Somerset
Long, Christophar H., 1332 S Carlisle
Long, Graham W., 1402 Federal
Loughney, J. A. 4043 Laneaster av
Loughery, Robert G., 37 N 11th
Lovelidge, Wm. R., 4923 Wayne, Gtn
Lowden, H. C. & Sons, 9 S 40th
Lowener, J. Gilbert, 2312 Columbia av
Lowery, D. J., 1436 S 16th
Lowrie, Jas., 4235 Ridge av
Ludke, P. C., 330 N 5th
Lutz, Charles C., 1547 N 22d
Lutz, Henry & Co., 210 N 16th
Lyneh, James P., 2411 Gtn av
McCaffrey, James J., 2858 N Haneoek
MeCall, Samuel B., 1237 S 2d
McCalmont, Thos. J., 1505 Susq. av
MeCandless, W. J., 807 Sansom
†MeCann, John, 210 Daughin
McCarthy, A. L., 8038 Roanoke e Hill
†MeCarthy, Chas. J., 4560 Wayne av, Gtn
MeCarthy, Henry (Est. of), 246 S 40th
McCarthy, Timothy A., 4211 Woodland av
†McClain, Wm. H., 703 S 20th
McCleary, Robt. A., 872 N 10th
McClellan, Alfred J., 810 N Stillman
MeCloskey, Jas., 4118 Laneaster av
MeCoaeh, William, 1607 Sansom
McCoach, Wm., Jr., 1631 Wallace
McCormiek, Lewis A., 6221 Girard av
MeCouch, Robt., 5425 De Laneey
McCoy, Chas., 18 N 19th
MeCullough, Thos. J., 4218 Market
McCullough, Wm. L. & Son, 1665 Wilton
MeDermott, T. J., 2328 Ridge av
McDevitt, J. J., 4348 Gtn av
McElwee, Hugh, 2029 E Huntingdon
McElwee, James, 747 S 20th
McEntee, James A., 1510 Fairmount av
McFadden, C. & Co., 3530 N 15th
McFall, John T. & Son, 1260 Pt Breeze av
MeFarland, Samuel H., 2115 Vine
McFarland, Thomas, 1619 Oxford, Fkd
MeyFetrieh, Wm., 1212 Palethrop
McGarry, F. J. & Bro., 4326 Lancaster av
MeGee, Daniel, 729 S 12th
McGlone, Hy., 884 Perkiomen
MeGough, Thos. J., 2101 S 9th
McGough & Co., 109 N Front
McGrath, Jno. D., 1330 N 13th
McGuckin, Henry, 1634 S 19th
McGuckin, Joseph A., 1719 Federal
McGuckin, J. & Bro., 1023 Christian
McIntyre, George F., 3352 N Front
McKenney, Joseph, 331 Poplar
McKernan, M. J., 1149 Winton
MeKernan, Thos. A., 1440 Snyder av
McKinney, John, 1718 S 22d
McLaren, Jas., 3455 Sunnyside Falls
McLaughlin, Geo. E., 1324 Columbia av

McLeish, John, 301 Indiana
McMahon, Jas., 733 Spring Garden
McMahon, Wm. H. F., 1309 Dover
McMichael, Hugh, 2605 Wharton
McNabb, Chas. A., 4994 Thompson
†McNally, RobertJ., 5618 Gtn av
McNamara, John H., 1124 S 47th
McNelly, Wm. H. L., 2555 N 11th
McTague, John J., 703 S 11th
McVeigh, John A., 1521 Cadwallader
MacDermott, Jos. R., 2157 Ridge av
Macfarland, J. B., 501 S 10th
Macfarlane, A. M., 2251 N Colorado
MacInnes, John, 4142 N Broad
Mackay, Edwin H., 2409 Ridge av
Mackinney, John, 1718 S 22d
MacMullan, Edw., 1101 Spring Garden
†Maeder, Chas., 3141 N 22d
Magee, James C., 1912 South
Magee, John J., 1149 N Front
Mager, Geo. W., 1123 E Palmer
Maguire, Jos. F., 933 Mifflin
Major, Robert, 4309 Locust
Makin, Thomas L., 2220 Bridge, Fkd
Mallo, John, 438 Master
Malone, F. G., Jr., 2944 Gtn av
Maloy, Peter F., 130 S 4th
Manning, Herbert, 825 Spring Garden
Marcer, Geo. G., 1952 N 18th
Mardin, George B., 5030 Lancaster av
Marion, Fredk. M., 404 N 21st
Marquiz, Martin, 2512 Poplar
Martel, Jno. J., 1141 E Columbia av
Martin, Jno. P., 614 S Clinton
Martin, Richard L., 1118 Susquehanna av
Matthews, Edw. T. & Bro., 2100 6 Franklin
†Matlack, Thomas & Son, 1812 Fkd av
Mayberry, Samuel H., 1110 S 23d
Mears & Dwyer, 39 N 7th
Meharg, James, 2225 Vine
Meiklejohn, Robert, 1529 Ridge av
Mellon, Harry C., 8 S 19th
Mellon, Thomas A., 3916 Lancaster av
Menige, Charles S., 1522 E Passyunk av
Mentzinger, W. W., 830 Walnut
Merrick, Frank, 1313 S 5th
Mervine Bros., 132 S 7th
Michelbach, Frank, 411 Poplar
Mick, Harry J., 721 N 13th
Mill, Jacob H., 1826 S 5th
Miller, Chas. L., 5714 Mascher, Olney
Milligan, William, 726 Sansom
Mitchell, John J., 1611 N 2d
Mitchell, Thos. B., 333 N Franklin
Moe, Geo. T. & Co., 220 Arch
Moeller, Geo., 1440 Parrish
Moford, Lewis, 1228 N 12th
Molineaux, W. S., Jr., 405 Moore
Moloney, James P., 2125 Christian
Moloney, John, 911 S 20th
Moore, Henry C., 1332 Oxford
Moore, John F., 2518 Gtn. av
Moore, L. W., 610 Girard av
†Moore, Thos. G., 427 S Broad
Moore, Thos. W., Erdrick, nr Comly
Morris, Jas. J., 3615 N 6th
Morrison, Jas. B., 918 Grays Ferry av
Moss, Geo. G., 2363 N 18th
Moyer, Jas. T., 22 N 11th
Mulhern & Bro., 3806 Haverford
Mulholland, Thomas J., 222 N 22d
Mullen & Nolan, 728 Oxford
Muller, G., 433 Indiana
Mullin, Daniel D., 1002 Ridge av
Murfit, George W., 1093 Germantown av
Murray, John, 3028 N Philip
Murray, John B., 2953 N 3d
Murray, Jno. J., 2750 Wharton
Murray, J. J. & Co., 338 N 17th
Myers, Guy, 1422 S 13th
Myers, Jacob, 1244 N 10th
Nagle, Wm. H., 1133 Poplar
Narr, A. J., 625 E Girard av
Neff, Albert S., 843 N 25th
Neilson, Howard, 7266 Germantown av
Nepps, Charles F., 2223 Berks
Newell, Wm. & Bro., 1713 Sansom
Newsome, Jno. R., 2557 N Front
Newton & Gray, 118 N 10th
Nicholson, Geo. W. & Bro., 1543 Dickinson
Nield, John W., 4763 Garden, Bdg.
Nittrouer, Jos. H., Cheltenham av nr Broad
Nolan, John, 210 E Girard av
Noon, George J., 618 Wharton
Obenland, Wm., 2903 Ktn av
Oberlies, Albert W., 2007 Federal
Oberlies, Jacob, 2010 Ellsworth
O'Brien, Jno. C., 912 Ridge av
O'Brien, Joseph S., 934 Pine
O'Brien, William, 1340 Bainbridge
O'Connor, Geo. S., 4464 Richmond, Bldg.
O'Connor, Jas. J., 2907 Frankford av
O'Connor, John J., 1834 N Bucknell
Odgers Bros., 1320 Poplar
O'Donnell, C. H., 3807 Lancaster av
Oglesby, Wm. P., 1025 Walnut
O'Neill, Emmett, 4223 Fkd. av
†O'Neill, F. H., 56 N 7th
O'Neill, John J., 2832 E Thompson
Ormrod, Richard, 787 N 25th
Packer, E. D., 5146 Market
Pagels, William C., 1771 Dover
Pangborn, Ellwood C., 1632 Dauphin
Pangborn, Jas. H., 2015 N 18th
Park, Wm., Jr., 1211 Cherry
Parker, Ernest, 2013 E Orleans
Paul, Jas. L., 740 N 23d
Paulin, E. Frank, 2014 Columbia av
Peale, Aug. R. & Son, 2001 N 12th
†Pennock, J. Sellers, 33 N 7th
Perry, Edgar E., 29 N 6th
Peters, W. Adolph, 1436 N 10th
Phila Plumbing Co., 1932 S 7th
Pierce, Chas. L., 824 N 24th
Pierce, Lewis M., 1915 York
Poole, Edw. F., 2211 Dauphin
Potts & Stevens, 1803 N 19th
Pound, Wm. F., 802 S 6th
Powell Bros., 1811 Columbia av
Power & Magee, 5645 Chew, Gtn.
Preisendanz, H. Theo., 1613 S 2d
Presser, Henry, 328 Noble
Price, Harry M., 408 S 19th
Priest, Jas. S., 4450 Mitchell, Rox.
Purcell, Thos. J., 10 S 34th
Pyne, Frank, 426 Cross
Quindlen, Eugene A., 1412 S 20th
Quinn, Jno. A., 1613 Unity, Fkd
Radiss, Jacob, 742 S 6th
Rafferty, John E., 3303 Gtn. av
Ragan, Thos. J., 820 N 46th
Raith, Jno. F., 1528 N 26th
Ramspacher, Claude T., 1508 Moyam'g av
Rappold, Christian, 3857 Fairmount av
Ray, Samuel D., 635 N 53d
Raynor, Raymer, S 11th c Tasker
Rea, George W., 3040 York
†Reagan, Joseph V., 3536 N 17th
Reed, Wm. P. & Son, 5034 Baltimore av
Reeves, Frank E., 5105 Ogden
Reeves, Geo. W., 3100 N Chadwick
Reilly, P. A., 2507 Ridge av
Rein, Edw. A., 2900 Fletcher
Reinert, Edw., 2108 N 4th
Rentschler, Wm. F. & Bro., 2631 Girard av
Reutschler, W. & Bro., 2631 Girard av
Rheinard, Edw., 2201 N 2d
Rhodes Bros., 5040 Gtn av
Richards, Joseph W., 1513 S 4th
Richards, Peter, 1937 N 18th
†Rickards, J. P. & Co. (Steam Heating only), 2707 N Broad
Rieben, Christian, 2303 N 28th
Righter, Harry L., 5424 Gtn. av
Riley, Chas. A. & Co., 1403 Cumberland
†Robinson, Wm. J., 6204 Gtn. av
Robinson, Wm. J., Jr., 6102 Ridge av
Roche, Wm. J., 1026 Oxford
Rockett, Geo. N., 1724 Susq'ana av
Rockett, Thos. T., 629 N 19th
Rooney, Daniel A., 1725 N 4th
Rooney, Jno. J., 2557 N Bouvier
Root, Harry B., Jr., York rd, nr Spencer av, B. Town
Rosenblum, Saml., 854 N 3d
Ross, David, 1524 Susquehanna av
Ross, Walter R., 3601 Lancaster av
Rothman, Abraham H., 344 S 22d
Rudolph, Abraham L., 5223 Ridge av
Rule, Robert, 5036 Willows av
Russell, Thos. A., 1440 Lombard
Russell, Wm. F., 3621 Woodland av
Russell, Wm. H., 3916 Terrace, Myk.
Ryan, A. J., 1309 Columbia av
Ryan, Wm. V., 1624 S 19th
Ryan, Wm., 1923 S 20th
Sage, Edwin J., 3828 Market
Sandgran, Chas. C., 319 Wharton
Sandman, Gustavus, 406 Morris
Savidge, Alosius P., 3301 N 15th
Sawyer, Wm. H., 1917 Ridge av
Scattergood, H. C., 1016 Pine
Schapel, Geo., 2238 E Clearfield
Schenck, J. E., 679 N Broad
Schlater, Benjamin F., 725 Wallace
Schlenz, Jos., 2669 N 28th
Schmidt, Chas., 1742 Gtn. av
Schneider, Louis, 401 N 4th
Scholl, Joseph, 2712 Girard av
Schreiner, Jno. G., 1434 Fkd. av
Schluze, Robt. H., 2551 N 2d
Schweizer, Geo. G., Jr., 1622 N 25th
Schwinn, Geo., 1416 Dauphin
Scott, Chas., 2513 N 27th
Seibel, August, 1626 N 27th
Seiberlich, Jos. M., 520 Diamond
Semple, Walter, 2308 Wilder
Shafer, Geo. W., 5121 Lancaster av
Shand, R. H. & Sons, 1421 Susq'ana av
Shank, Chas. R., 4514 Parrish
Shapiro, Bernard, 826 N 3d
Sharp, Abraham, 210 Brown
Shaw, Chas. F., 1029 Montgomery av
Shaw, Chas. H., 5228 Wakefield, Gtn.
Shaw, Harry C., 3509 Market
Shaw, John J., 4117 Market
Shaw, Thos. T., 5823 Gtn. av
Shea, Jas. H., 2413 Wharton
Sheets & Hebden, 39 N 17th
Sheldrake, Chas. M., 1504 Ridge av
Sheridan & Co., 1173 S 9th
Sheridan, Wm. J., 518 S 8th
Sherlock, T. Howard, 1204 Fitzwater
Sherrard, Jas. B., 1139 N 40th
Shotts, Christian G., Jr., 1622 E Passy'k av
†Shreve, Isaac S., 3703 Longshore, Tac.
Simmers, Harry, 14 N 52d
Simmons, Jas. A., 5619 Market
Sites, Jno. J., Jr., 2219 N 30th
Slaugh, Jno. S., 1939 N 5th
Smalley & Hurst, 107 E Chelten av, Gtn.
Smeeton, T. P., 207 Richmond
Smiley, Jno. H., 6117 Girard av
Smilowitz, Henry, 1709 S 4th
†Smith, A. W., 290 W Rittenhouse
Smith, Chas. E., 220 Church la, Gtn.
Smith, Edw. J., 1832 Naudain
Smith, G. S. G., 2019 Master
Smith, Howard & Co., 5516 Gtn av
Smith, J. C., 777 S 7th
†Smith, Jno. M., 1839 Kater
Smith, Nathan E., 455 Richmond
Smith, Samuel R., 1235 Race
Smith, W. S., 1830 Susquehanna av
Smith, Wm. J., 613 S 16th
Smith & Co., 5038 Gtn av
Smithes, Hy L., 2300 E Cumberland
Smithes, Wm. L., 2137 Adams
Smyth, Isaac, 2813 Dauphin
Snyder, Wm. R., 1835 E Monmouth
Sommers, Louis J. & Son, 2436 Brown
Spangler, A. V., 705 Oxford
Specht, Louis, 1643 N 13th
Speth, F. P., 3536 N 5th
Staake, Walter M., 1620 N 20th
Stackhouse, Geo. L., 2707 Kirkbride, Bdg.
Stanton, Geo. D., 2912 Gtn. av
States, Harry T., 3105 Spring Garden
Stearrett, J. Walter, 1238 S Bonsall
Steel, Robt., 6650 Gtn. av
Steele, Alex., 615 S 18th
Stein, Michael, 729 S 3d
Stemmer, John M., 191 Conarroe, Myk.
Stevens, David L., 4932 Gtn. av
Stevenson, Thos., 920 S 18th
Stewart, Jos., 800 S 18th
Still, Jacob, 141 Richmond
Stimmler, Jos. A., 4105 Main, Myk.
Stockley, Wm. E., 4529 Springfield av
Stodd, Edmund T., 2130 N 30th
Storch & Scheid, 949 E Psyk. av
Strang, Edward E., 2871 N Darien
Struse, Edw. C., 119 Green la, Myk.
Struse, C. O. & Sons, Walnut la, Myk
Sullivan, R. H., 1015 Melon
Sutch, Thos. B., 937 W Huntingdon
Sutter, Samuel, 727 Spring Garden
Swartz, Jos., 2304 E Norris
Sykes, Geo. H., 4354 Leiper, Fkd
Tait, Thomas, 7010 Woodland av
Taite, Wm., 2031 Catharine
Tatem, Geo. H., 921 S 3d
Tatem, Howell, 147 S 4th
Tatem, Wm. J., 226 Stampers
Taylor, H. J. & Bro., 513 S 12th
Taylor, Paul, 338 S 5th
Temple, Jos. W., 1012 Columbia av
Thomas, F. R., 2416 N Carlisle
Thompson, John, 122 Green
Thompson, Matthew, 926 Sansom
Thompson, Saml., 651 Carpenter, Gtn.
Thorn, I. Barclay, 2446 Ridge av
Thornley, Wm. D., 832 N Capitol
Thorp, Robt. M., 1519 Arrott, Fkd.
Timney, Chas. H., 2632 Richmond
Tolley, C., 1220 Montgomery av
Tomlinson, Wm. H., 7207 Gtn. av
Toohey, Wm. F., 2328 Brown
Topham, Wm. M., 6033 Gtn. av
Torrey, Anthony, 925 Arizona
Toy, Frank D., 433 S 43d
Tracy, Wm., 3527 Haverford av
Trout, Frank L., 4005 Haverford
Truitt, Thos. H., 1229 N 19th
Turnbull, Wm., 2519 N 7th
†Uber, Geo. F. & Co., 1245 Fairmount av
Uber, N. W. C., 4634 Woodland av
Van Loan, Marshall N., 3008 N 11th
Vogan, Robt. A., 5634 Appletree
Waldman, Wm., 6528 Gtn av
Walker, Robert J. & Son, 2149 E York
Walker, R. J., Jr., 2149 E York
Wallace, Geo. N., 336 N 23d

Wallace, Robt. E., 1307 N 116th
Wallace, Thos., 2315 Spring Garden
Walsh, Jas. Jr., 444 N 5th
Walsh, Martin, 2519 E Boston
Walters, Jacob S., 1912 Susquehanna av
Wauner, Andrew, 2352 N 8th
Wauuer, Chas. F., 1808 S 5th
Wanner, Louis, 2125 N 6th
Wanuer, Louis, Jr., 33 S 17th
Ward, Jno. G., 2421 N 31st
Warfield, Chas. S., 333 S 20th
Warner, Charles, 1418 Kerbaugh
Warner, William, 1530 S 15th
Warthman, Geo., 2659 Emerald
Watson, Richard H., 1707 Chestnut
Watt, Robert, 1701 N 20th
Weaver, A. S., 2018 N 25th
Webster, Jas. K., 3608 Lancaster av
Weer, Geo. P., 112 Iudian Queen la, Falls
Weidemann, Chas. 1809 E Cambria
Weidener, Wm. J., 507 Susquehanna av
Weidner, W. J., 2220 N Reese
Weiklejohn, Robt., 1529 Ridge av
Wein, August, 2435 N Myrtlewood
Weinrich, Ernest E., 2221 S 7th
Weir, R. G., 1856 E Allegheny av
Welischek, Juo., 607 N Perth
Wellscheck, Frank D., 225 Reed
†Welsh, H. T., 1843 Poplar
Welsh, U. Albert, 3540 Gtn. av
Welsh & Ambrose, High c Umbria, Myk
Wenkenbach, Frederick, 2608 Girard av
Whealin, M. H. & Son, 1336 Girard av
Wheeler, Wm. G., 11 S 18th
White, Wm., 2216 Ridge av
White, Wm. H., 3215 Diamond
White, William J., 403 Walnut
Whitefield, Edward, 2514 N Lee
Whitehead, Geo. H., 205 Arch
Whitlam, F., 5001 Willows av
Wiegand, C. H., 413 Susquehanna av
Wilcke, Harry W., 920 Filbert
Wilenschik, Jos., 940 S 5th
Wilkinson, Chas., 264 S 17th
Williams, Robt., 5817 Arch
Wilson, Emanuel, 900 Jackson
Wilson, John B. & Co., 4209 Frankford av
Wilson, Jos. & Son, 3636 N 6th
Wilson, Kenneth, 2850 N 5th
Wilson, Samuel J., 1412 Moore
Wilson, S. M., 3 N 41st
Wilt, Joseph A., 2224 E York
Winslow, John, 2121 Lombard
Winterbottom, Robt. J., 129 W Price
Winterholer, Albert, 2812 N 3d
Woehlcke, Adolph, Jr., & Bro., 1704 Poplar
Wohlschlagel, J. F., 2125 N 63d
Wolfenden, John L., 4558 Baker, Myk.
Woodward, Samuel P., 1615 Federal
Wright, Albert F., 1337 Mifflin
Wright, Ralph, 2517 N Spangler
Wright, Robt. E., 769 N 46th
Wright, Wm. M., 1805 S 15th
Wynkoop, Thomas P., 707 Girard av
Yeager, Jas. E., 5104 Master
Yearsley, Levis N., 717 Spring Garden
Yost, Mary E., 2714 Richmond
Young, A. E., 1648 Orthodox
Young, Albert E., 1648 Orthodox, Fkd.
Young, Charles W., 322 Wolf
Young, David W., 1742 Callowhill
Young, Edwin P., 820 Wilder
Young, Wm. J., 28 N 16th
Zimmerman, Jacob, 1524 Sansom

PHILLIPSBURG—Aikens, John R.
Bortel, George E.
Hirst, John

PHOENIXVILLE—*Caswell & Moore
†CULLEN, FRANCIS J.
Wilkinson, John M.
Wilson, Thomas J.

PINE GROVE—Long, J. L.

PITCAIRN—Agnew Bros., Brinton av, n 2d

PITTSBURG—Addy, John M., Penn & Highland avs
Appleton, Wm. H., 16 Wabash
Bailey, Frank S., 104 Bouquet
Barnes, William S., 2424 Carson
Barnett, C. G. & Son, 439 4th av
Barnes, Wm. S., 2424 Carson
Bender, Geo. L., 908 Cabot way
Bender, P. F., 6232 Penn av
Bergman, D., 1419 5th av
Berry, Frank M., 5983 Center av
Blackham Bros., 132 Greenfield av
Blythe, Frank P., 624 Wylie av
Bosau, Henry, 1301 Grandview av
Bowes & Cowling, 4104 Butler
Brobeck & Brandt, 2021 Sarah
Brown, James & Son, 207 Wood
Bruce, Chas. A., 522 2d av
Buerkle Plumbing Co., 325 2d av
Burke, Frank W., 7830 Tioga
Burke, Joseph H., 4591 Forbes
Burke, R. B., 528 4th av
Call, C. B., 5707 Harvard
Claus, Jos., 5221 Butler
Coleman, Meyer, 161 Fulton
Coll. M., 406 Atwood
Collins, Wm., 509 Ross
Cooper, Abraham, 1224 Colwell
Connahan, M. J., 5102 Penn av
Cover & Hungerman, 1225 Lang
Cowley, John, 125 S Highlaud av
Creswell & Eyrich, 468 1-2 Franklin av
Davies, R. W., 230 Collins
Day, Edw. M., 409 7th av
Deckenbaugh & Banks, Boggs av & Wymng
Deeley, Theo., 440 Heron
Deely, Daniel G., 2120 Wylie av
De Simone, Anthony Plumbing Co., 516 Larimer
De Witt & Sampson, 103 Brushton av
Dick, S. M., 109 Brushton av
Dixon-McGarry Co., 508 Webster av
Dolan, Wm., 2301 Forbes
Donovan, Jas. A., 1301 Bluff
Driscoll, Jer. S., 1709 Webster av
Drum, Joseph M., 117 S Rebecca
Durning, James G., 1826 Center av
Easeley, E. A. & Co., 630 Penn av
East End Plumbing & Electric Co., 424 N Beatty
Eaton, Ross B., 7623 Penn av
Edwards, Thos. H., 2402 Beulah
Eyerman, Peter, 2315 Wylie av
Finch, Eli A., 47 Belonda
Finch, I. S., 408 3d av
Folsom, J. H. & Co., 424 4th av
Freund, Andw. J., 2413 Jane
Fritsch, William A., 431 Diamond
Gillroy & Wall, 121 Brady
Godfrey, J. C., 1729 5th av
Gordon, Jno. J., 3 Decatur
†Godfrey, J. C., 1729 5th av
Gould, Ralph P., 6216 Penn av
Grant, J. P., 1404 Wylie av
Greller, Geo. J., 5891 Ellsworth av
Grosz, Geo. A., 6608 Rowan
Hannan, Richard J., 75 S 13th
Hare, Chas., 5124 Liberty
Hare, S. W. & Co., 5124 Liberty av
Harris, Daniel D., 6 Renwick
Hartman, Wm., 195 S Main
Henderson, R., 5527 Waluut
Henle, A. S., 1336 Penn av
Henry, Alex. W., 4310 Penn av
Herrod, Thos. T., 2 Federal
Hesser & Black, 5017 Penn av
Hollis Bros., 2312 Patterson
Hollis, Wm. B., 2367 Berg av
Holste, Wm. & Co., 315 Water
Huber, H. H., 7125 Hamilton av
Hunt, Edw. E., 6014 Center av
Hunter, Harry C., 1019 Carson
Joyce, M. A., 2800 Forbes
Kauf, Charles, 38 Southern av
Keeley, August, 6941 Fkn. av
Kelson, H., 86 Logan av
Kenna, M. J., 4608 Liberty av
Kennedy, Michael H., 5217 Butler
Kerrigan Chas. L. & Co., 7717 Kelly
Klarner, Andw., 29 Pine
Klemm, Wm. & Sons, 3315 Penn av
Knabb, J. B., 91 Amanda
Knapp & Schilken, 48 Lytle
Knightly Bros., 5122 Butler
Kohne Bros., Cherry av, nr 3d av
Kress & Gillett, 4779 Liberty av
Kuchenberger, Wm. M., 276 Park av
Lanigan, Frank, 721 Copeland
Laurence Plumbing Co., 107 N Sheridan av
Lawrence & Watson, 6012 Butler
Lennox, W. J., 2024 Bedford av
Leseman, H. F., 5990 Center av
Leslie, Vou K., 247 Frankstown av
Letzkus, Thomas, 78 Washington av
Lichctenstein, Louis, 1215 Franklin
Linn, Kuno C., 538 Homewood av
Lipschitz, Saml., 100 Logan
Longacre, Albert B., 6226 Penn av
Lohr & Kaska, 4928 2d av
Ludwig, August, 2646 Penn av
McAllister, Chas., 314 Ward
McClintock, Jas. L., 805 Lincoln av
McConaghey, Chas. M., 7205 Furnace
McFadden, John J., 1805 Wylie av
McFadden & Craig Co., 235 4th av
McFadden & Gannon, 4308 Butler
McGinnis, J. O., 308 Grant
McGinnis & Co., 132 9th
McKenna, Jas. A., 11 Decatur
†McKnight & Victory, 413 4th av
McShane, J. L. Co., 721 Grant
Manion, Jas. J., 437 Lincoln
Manion, Jas., Jr., 437 Lincoln
Marshall, T. R., 1617 Forbes
Matter, J. F., 118 Oakland
Mautz, Chas. F., 1225 Grandview av
Mercer, Jas. E., 1308 Forbes
Mertius, Fred'k W., 211 Virginia av
Miller, Geo. M., 1602 Carson
Milligan, R. H., 2410 Wylie av
Mohler, W. C., 5606 Peun av
Moran, Wm. A., 60 Crawford
Moore, Charless, 29 Climax, 38th wd
Morgan, Linu & Co., 538 Homewood av
Moss Plumbing Co., 211 Brushton av
Musrush, John S., 525 N Murtland
O'Brien, John P., 4913 Penn av
Olnhausen, C. H., 2000 Carson
Patterson & McFadden, 93 Fulton
Paul & Gill, 5920 Penn av
Pender, G. J., 576 6th av
Penrose, Albert O., 255 Atwood
Powell & Smith, 29 Wash'n av, 31st wd
Purinton, H. T., 5908 Penn av
Purtill, Michael, 2123 Center av
Raleigh, John J., 915 Wylie av
Ramsden, R. W., 1900 Penn av
Rau & Genge, 4782 Liberty av
Reagen, B. J., 1316 Penn av
Reardon, W. P., 5990 Center av
Redding, Edward, 2705 Sarah
Reilly, James J., 5161 Butler
Renine, Chas., 646 Herrou av
Reuscher, Wm. L., 922 Lincoln av
Reynolds Bros., 125 S Beatty
Reynolds, Jno. B., 7707 Frankstown av
Rice, Joseph, 120 4th av
Ricketts, Jas. J., Jr., 56 Marion
Ricketts & McCarrick, 3908 5th av
Robinson, Ernest, 110 Shady av
Robinson, Geo. H., 709 N Homewood av
Robinson, O. P., 90 Oneida
Rock Bend Plumbers, 6941 Frankstown av
Rodgers Bros., 127 Collins
Rohe, Geo. S., 18th & Monastery av
Roney, Juo. A. Co., Frick bldg
Rowbottom, Richard, 505 Brighton rd
Ruescher, Wm., 922 Lincoln av
Sands, Geo., Center av, nr Neville
Schade, Geo. F., Jr., 4326 Butler
Scheib, Fred. J., 6243 Station
Schmidt, Henry, Jr., 3517 Penn av
Schmucker, Joseph, 4709 Liberty av
Schuck, John, 51 Shiloh
Schugar & Mellinkoff, 1701 5th av
Schulte, J. H., 24 Grove
Schupp, Henry F., 6234 Penn av
Sloan Heating & Plumbiug Co., 6307 Broad
Smith, D. B., 607 Dallas
Smart & Alleman, 7220 Idlewild
Snively & Co., 5981 Center av
Soffel, Geo. H. Co., 425 2d av
Stanton, Jno. D., 6015 Broad
Steepleton, Harry M., 2201 5th av
Steggert, M., 1821 Carson
Steiner, Harry A., 6112 Broad
Stinson-Kenuedy & Co., 213 Wood
Steiner & List, 6112 Broad
Succop, Wm. J., 4741 2d av
Sullivan, Morris F., 4515 Liberty av
Sullivan, Peter J., 7714 Frankstown av
Sweeney, Jas. A., 3808 Butler
Taggart, W. T., 2 Dinwiddie
Tate, John M., 126 2d av
Thoma, Harry F., 74 Washington av
Union Plumbing & Burner Co., 5910 Penn av
Vallely, Wm. J., 3342 Penn av
Vincent & Shivers (Ltd.), 97 Hazelwood av
Walker, H. W. & Co., 5916 Baum
Wazenegger, Ernest, 1714 Jane
Weaver & Schuster, 2129 Carson
Weber, Frank, 3715 Butler
†Weldon-Kelly Co., 305 Wood
Wey Bros., 707 Middle
Whelan, Thos. F., 111 Flowers
Whitehead, Albert S., 624 Herron av
Wickes, Jesse S., Hazelwood av
Wilhere, Chas. A., 254 Emerson
Wilson & Miller, 605 Grant
Winkleman, Wm., 706 East
Womersley, Jos. W., 2539 Perrysville av
Youug, L. G., 3 Chatham
Zitzman, George, 26 Shiloh

PITTSTON—Foster, William
Jones, John T.
Lewis, W. W.
Llewellyn, J. S., 10 Luzerne, W. P.
†Neilson, G. R., 28 N Main
†Powers, Austin S., 19 S Maln
†Scrimgeour, John, 6 Broad

PLAINS—Farrell, G. T.

PLEASANTVILLE—Corwin, B.
†Mapes, H. C.

PLUMSTEADVILLE—Gross, Henry K.

PLYMOUTH—Doyle, E. F.
DYMOND, E. P.
Jacob, Alex.
Lee Bros.
Spry, Josiah F.

PORT ALLEGHENY—Coleman & O'Dell
Wagner, O. C.

PORT CARBON—Brenner, Alfred E.
POTTSTOWN—†Baldwin, R. J. & Son
Davis, N. B.
Davis, H. B. & Sons
Geist, H. W.
Seasholtz, Frank
POTTSVILLE—Bast, W. J., 115 N Railroad
Doyle, John C., 108 E Norwegian
Foster, H. R. Plumbing & Supply Co.
Kalbach, C. Wm., 21 N 3d
Lafferty, Frank, 125 W Market
Lawrence, Thos.
Merrick, J. J., Norwegian st
Meyer, F. P.
Russell, J. S., 807 N Norwegian
Seltzer, G. Frederick, 11 W 2d
Smith, G. M. & Son, 118 W Mahantongo
Zwiebel, Edw., 418 W Arch
PUNXSUTAWNEY—Cummings, T. P. & Co.
†Robinson Hardware Co.
QUAKERTOWN—Billger, A. M.
Kollo, William
QUARRYVILLE—Geiger, W. F.
READING—Bard Hardware Co.
Benz Bros., 236 S 9th
Bridegam, Wm. K.
Cake, Elmer J., 126 N 6th
De Hart, H. S., 1722 Park av
Drexel, Chas. K., 853 Penn
†Eisenbise, George W., 311 Schuylkill av
Fritz, Samuel E., 305 Elm
Haage, Gus. A.
Haines, G. E., 129 Elm
Hargey, J. H., 14 S 6th
†Heckman, Wm. A., 16 N 8th
Helder & Burkhard
Laing, T. W., 954 Moss
Lorah, Amos F.
Miller, Frank M., 324 N 9th
Miller, Jos. G.
Row, J. D., 216 N 9th
†Rowe, Harry T., 938 Penn
Scheible, J. N.
†SCULL, EDW. & CO., 10 S 5th
Scull, Jas.
Stichter, Geo. H., 139 S 6th
†Summons, Edw. S., 312 N 5th
Tomney, J. M., 402 S 5th
Weber, Thos. E., 243 Penn
Yeich, Benjamin B., 133 Penn
RED LION—**BOECKEL, WM.**
RENOVO—Cross, Dell
Jackson, F. K.
MacGill, John
REYNOLDSVILLE—Albright, R. D.
RIDGWAY—†**BOWEN, S. E.**
†Cody, C. L.
Ledden, T. H.
†Smith Bros. Co., Ltd.
RIDLEY PARK—Cross, Edw.
RIMERSBURGH—Snyder, F. E.
ROCHESTER—Hartzel, J. W., 211 Brigton
Hathaway & Padgett
ROSEMONT—Emerson, G. H.
Shank, C. Ernest
ROYERSFORD—Custer, J. L.
ST. CLAIR—Short, Chas.
Wagner, G. B.
ST. MARY'S—Burden-Rowan, G. B.
Windfelder, Louis H.
SALTSBURG—Jamison, S. S.
SAYRE—Bolich Bros.
Talmage, H. R.
SCHUYLKILL HAVEN—Meyer, Jos. N.
Saylor, Wm. J., Jr.
SCOTTDALE—†Dick, John J.
St. Clair-Griffith Co.
SCRANTON—Brown, Anthony C., 1516 Pittston av
Clark, Thos. H., 335 Phelps
Cleary Bros., 248 Adams av
†Connell Hardware Co.
Connor & O'Hora, 1370 Wash'n av
Devine, Thos. H., 218 Linden
Doyle, Jas. B. & Co., 212 N Main av
Ehrhardt, Wm., 902 Jermyn av
Foote & Shear Co., 119 N Wash'n av
Gardner, Horatio N., 602 Wyo. av
Gavin & Kelly
Gaylord & Eitapenc Co., 505 Linden
Gorman, Jno. J.
†GUNSTER & FORSYTH, 327 Penn av
Haggerty, P. H.
Hawley Bros., 338 Penn av
†Howley, P. F. & M. T., 231 Wyo. av
Klein & McNally, 416 S Wash'n av
Johns, Jno. E.
Langan & Reddington, 314 Adams av
Larkin, John P., 130 N Main av
Lennon & Co.
Lewis, Lewis W., 1539 Dixon av
McLean, John W., 322 New
Meyers Bros., 633 Prospect av
Mitchell, Jas. W., 214 Adams av
Monies, Geo. B., 1546 Dickson av
Mullen, John T., 308 School
†Mullen, Thos. F., 1030 W Lack. av
Muller, Jacob E., 301 Adams
Nolan Bros., 525 Linden
Nolan, John F., 515 Linden
O'Donnell, John F., 238 Penn av
O'Malley, Arthur L., 416 Wyo. av
O'Malley, Thos. J., 1808 E Main av
Quick, Jas. I., 509 Lacka. av
Riefenberg, Henry A., 517 Linden
Saville, Thos. H., 313 N Main av
†Schneider Bros., 601 Cedar av
Slack, C. P., 617 Green Ridge
Sullivan, Wm. E., 315 Spruce
Wardell & Barrett, 335 N Wash'n av
Williams, Lincoln H., 325 N Main
Wolf & Wenzel
Wright, Daniel, 511 Hampton
Zerfas, Jas. F., 333 Adams av
Ziegler & Schumacher
SELLERSVILLE—Doherty, D. F.
SEWICKLEY—Abercrombie, Alfred, 422 Beaver
†**DRYNAN, A. & SON**
†Patton, John, Jr.
Shearer, W. D.
SHAMOKIN—Blair, Joseph C.
Boughner, W. E.
Farrell & Beard
†Ogden, J. T.
†**UNGER, WARREN**
Yocum, Geo. C. & Co.
SHARON—Bryson, T. B.
†Leslie Plumbing Co.
McClain & Whitehead
†McCormick, W. M. & Co.
Smith & Geigle
Williams, H. C.
SHARON HILL—Finigan, W. E.
ROSE, ADAM
SHARPSBURG—Milbert Bros., 211 6th
Moore, Wm. J., 809 Main
Riddle, J. H., 610 Main
Stauding, William A., 201 15th
SHARPSVILLE—†Kitch & Mower
SHENANDOAH—Goff, William
McCarty & Morgan
Williams, W. P.
SHERIDANVILLE—Gow & Christy
Murray, R. B.
Pyle, H. M.
SHICKSHINNY—†Campbell, Harry E.
Wilkinson, T. H.
SHIPPENSBURG—†Hale, M. G.
†Walters, G. F. & Son
SHOEMAKERVILLE—Mogel, Morgan F.
SLATINGTON—†Dettmar & Handwerk
Fritzinger, Wm. A.
Osler, Edwin
SOMERSET—Schell Hardware Co.
SOUTH BETHLEHEM—**DIETRICH, H. A.** R.
Green, Charles H.
Meglathery, E. H.
†Newhard, E. M.
SOUTH FORK—Stewart, J. D.
SPRING CITY—MacFeat, John H.
Matthews, Alfred I.
Mowrey-Ladshaw Hardware Co.
STEELTON—Given, W. W.
Hoke, H. B.
Kelly, J. C.
†Pannel, Clarence M.
Shutter, Charles
STRASBURG—**BAIR, LEMUEL J.**
STROUDSBURG—Archibald, H. C.
Flory & White
†Schroeder, C. H.
SUNBURY—Bartholomew, Harry
Reed, E. D.
Reitz, I. J.
Waltz, Henry J.
SUSQUEHANNA—Doolittle, J. H.
SWISSVALE—Kitchel, Chas. M.
TAMAQUA—Hadesty, J. M. & Son
Hodgkins & Co.
Springler, D. E.
TARENTUM—†Cribbs J. B.
Lardin, Jas. H.
Smith, H. G.
Stephens, Harry
TAYLOR—Jones Hardware Co.
TIDIOUTE—Magill, B. S. & Son
TITUSVILLE—**BIDAUX, F. A.**
†Burns, John F.
McFadden, C. H.
†Moran, Wm.
Wolf, John G.
Zook, D. M.
TOWANDA—**BREESE, CHESTER J.**
†Carman, M. & Son
Lewis, Jas.
TROY—Beardsley & Colony
Dobbins, John E.
TUNKHANNOCK—†Billings, Paul & Sons
Shook, B. H.
TURTLE CREK—Muray, J. C.
Noal, F. C. & Co.
Smith, W. M.
Winters, W. L., 92 Penn av
TYRONE—Trego, P. H.
†**TYRONE PLUMBING, HEATING & SUPPLY CO.**
UNION CITY—Warner, Frank E.
UNIONTOWN—Hathaway & Co.
Litman, Fred'k W.
Robinson & Walters
Titus, C. L.
UNIONVILLE—Shaw, John
VANDERGRIFT—†Hamilton, S. W.
Kuhns, H. J.
Watson, Wm.
VERONA—Barnhart, M. H.
WARREN—†Pickett Hardware Co.
Shellhammer & Son (Hdw.)
Slater, T. O. & Co. (Hdw.)
WASHINGTON—Anderson & Mercer
Campbell, W. H.
Carpenter, G. F.
Crossland, R. M
Foley, W. M.
Hunter & Fink
KERR & EARLY, 131 S Main
Minton, J. W. & Co.
Neff, J. E.
Redman, T. E.
Sunderland, J. T.
WAYNE—Fox, George
Shainine, Geo. B.
WAYNESBORO—†Adams & Cline
Peiffer, Rush F.
Stover, Frank
WAYNESBURG—Fawcett, F. W.
Hunnel, L. D.
O'Brien, R. J.
Specht, A. C.
Zimmerman, W. S.
WEATHERLY—Nuss, L. C.
WELLSBORO—Bailey & Blair
ROBERTS & GARDNER
WEST ALEXANDER—Gilfillan, E. D.
Patterson, E. R.
WEST CHESTER—†**APPLE PLUMBING & HEATING CO.**, 114 E Gay
†Davis, Louis N.
†Fitzsimmons, George T., 121 Market
Oat, Geo. R., 19 E Gay
†Palmer, George J., 14 W Market
WESTGROVE—Johnston, Hugh M.
WEST MOOR—Bartow, S.
WEST NEWTON—Holbert, W. R.
Timms, Finley
WHITE HAVEN—Keck Hardware Co.
Miller, Theo. & Son
WICONISCO—Harman, Edw.
WILKESBARRE—Allen, E. T.
Raab, Frank, 346 S. Main
Brymer, Joseph M., 135 Scott
Campbell, Jas. H.
†Carpenter, B. G. & Co., 6 W Market
†Connor Bros., 260 S Main
Fluegel & Speicher
†Forve, Peter, 114 N. Main
†Gorman, Jas. F., 41 E Northampton
Hockreiter, Martin
Jones, Rutherford H.
†Kaiser, Wm. & Son, 153 S. Main
†Kenworthy, Rudolph, 48 E Market
Madden, M. H.
Metzgar, Wm. M.
Montanye, J. H., 36 N Main
O'Rourke, B. F., 320 Hazel av
Schuler Bros., 76 Hazel av
Smith, Ferd R. (Gas Fitter), 20 N Wash.
Spangelberger, Parry & Co., 642 S Main
†Turner & Van Scoy, 52 S Main
Williams, Chas. M., 3 S Meade
WILKINSBURG—Allen, T. M., 819 Wood
Conrad, J. H., 723 Wood
Elkin, Wm. J., 1014 Wood
Jenkins, Edw. A., 606 Rebecca av
Johnson & Co., 710 Trenton av
†McClure Plumbing & Heating Co., 735 Penn av
Swift Chas. M., 807 Penn av
Wilkins, F. H.
Wilkins, Jas. A., 714 Rebecca av
Wilkinsburg Plumbing & Heating Co., 1007 Penn av
WILLIAMSPORT—Croll, G. W. Co., 408 Campbell
Freeborn, W. H.
Love & Co.
Villinger, J. W., 46 W 4th
†Weithroth Co., 329 Washington
WILMERDING—Fulmer, Jno. B.
Vorce, E. G.
WYNCOTE—Tyson, Edwin

YARDLEY—Pickel, Lewis M.
YORK—Aughenbaugh, G. H.
Baker, M. H.
Baum, J. B.
Blum & Eyster
Bush, Geo. E., 600 E Philadelphia
Dome, Jacob, 106 N Duke
Erlon, Jacob H., 117 S Duke
Getz's, Jno. Sons, 115 W Market
Hantz, C. Edw., 109 N Newberry
Hantz, Lincoln B., 403 W Market
Heckert, E. P., 26 E Market
†Horn, David, 211 W Market
Householder, H. S., 20 E Market
†Kidd, Alex., 137 N George
Kottcamp, Chas. C. & Son, 511 W Market
†Kraber, E. I. & Son, 214 W Market
Kuehn, Jacob L., 106 N George
Marks, B. R.
Rodgers, A. A., 229 W Market
Shive & Emig
Smith, H. E.
Voss, Jno. A.
Walker, Jos. A., 24 N George
Wise, Chas. V., 541 S George

RHODE ISLAND.

ANTHONY—Bowen, C. E.
Foster, H. N.
ARLINGTON—Livesey, Wm. J.
Richardson, Wm., Jr.
BRISTOL—McGann Bros.
Morrissey, Edward C.
†Waldron-Brownell Co.
CENTERVILLE—**CLARK, S. M.**
Forrow, E. D.
CENTRAL FALLS—Anderson Bros.
Brule, H.
Dauray, Omer
Walker, John W.
Wilkinson, W. R.
†Wilmarth, O. W. & Co.
EAST PROVIDENCE—†**BIRTWELL, ARCHIBALD**
Brownell, Jno. P., Riverside
Davey Bros.
Halliday Bros.
McGuirl, John T.
HOPE VALLEY—†Rogers, Walter
NARRAGANSETT PIER—†Griffith, Wm. H. & Co.
†McInnes, David
NEWPORT—†**BARKER BROS. & CO.,** 138 B'way
Butler, Maurice, 35 Franklin
Cassidy, J. J., 45 Thames
Cremin, John, 26 Franklin
Goddard, Stephen L., 130 Spring
Haire, Joseph, 140 Spring
†Hammett, Lincoln & Co., 71 Mill
†Kelly, M. F., 7 Market sq
†Lynch, J. J. & Co., 11 Mill
Mumford, L. R., c Edward & Covell
Murphy, P. J. & Co., 165 Spring
Murphy, Thos. J., 15 Mill
Openshaw, Edw. W.
Openshaw, Jas. Co., 8 Mill
Rose, Alva E., 62 Thomas
Sullivan Bros., 577 Thames
Wilson, Ray B., Jr., 8 W B'way
OLNEYVILLE—(See Providence, R. I.
PASCOAG—†**SMITH, J. H.**
PAWTUCKET—Allen, R. W., 157 Trenton
Casey & Singele, Pawtucket av
Corden, Jno. F., East av
†Davis, Frank, Main
Dupuis, Frank
Goodwin, W. F. Co.
Graham, Henry L., 27 N Union
Hunt, Jos. B., 73 N Main
†Jackson, Sam'l Co., 62 N Main
Lennon, John, 69 Main
McIntyre, Hugh F., 34 Cedar
McParlin, Owen
Parks, Edwin S.
†PAWTUCKET STEAM & GAS PIPE CO., 32 East av
†Rowe, Wm. H. & Co., 104 N Main
Tattersall, Matthew
Thornley Bros., 265 Lonsdale av
†Wilson, S. C. & Son, 29 High
PEACEDALE—†Hodge, E. S.
PHENIX—†Carroll, T. M.
Snell, Byron A.
PROVIDENCE—Allenson Bros., 9 Steeple
American Plumbing Co., 56 N Main
Appleton & Lee, 1880 Westminster
Barry, Edw. & Co., 1487 Broad
Berry, Robert H., 459 Smith
Blackmar, C. R. Co., 27 Claverick
Brennan, Christopher P. & Co., 1 Waterman
Brickley, Jas. G., 100 Sheldon
Burke, Pat'k F., 70 Hyat
Burnside, Matthew H. A., 289 Plainfield
†Burton, David, 25 Page
Caffrey, Thomas, 46 Abbott
Cain, Wm. J., 745 N Main
Capaldi, Jos., 153 Acorn
Carey, John L., 710 Westminster
Cassidy, Chas. W., 363 Admiral
Catrell, Jas. E., 146 Smith
Chase, S. Frank, 25 Randall
Chase & Mackey, 197 Dean
Collison, Henry, 11 Haymarket
Conaty, P. J. & Co., 735 Eddy
Conaty, Thos., 199 Montgomery av
Condon, Thos., 199 Montgomery av
Congdon, Wm. M., 290 Cranston
Conroy, D. D., 587 Broad
†Conroy, Jas. C. & Co., 446 Westminster
Darling, James A., 1252 Elmwood av
†Dauphinee, H. H. Co., 1511 Broad
Donnelly Bros., 175 Regent av
Doyle, Thos. F., 87 N Main
Dunn, Jno. C., 45 B'way
Dupius, Frank
Fuller, Job S. & Son, 14 Page
Geer, Geo. M., 211 Eddy
Gifford, E. & Co., 888 Westminster
Graham Bros., 215 Prairie av
Hainsworth, Albert, 559 Branch av
Harrison, Simon & Co., 358 N Main
Haslem, Gordon E., 6 Planet
Haswell, Geo. H., 1300 Eddy
Heck, Chas. F., 190 Dean
Holmes, D. F. & Co., 65 Eddy
Hubeley, F. E., 59 Page
†Hudson, Thomas I., 15 Cranston
Hunt, J. W. & Co., 24 Chestnut
Hussey, Wm. F., 416 Wickenden
Johnston, W. C., 1937 Westminster
Jones, E. & S., 298 Eddy
Keenan, John F., 42 Beacon av
Kehoe, P. H., 69 Richmond
Keller Bros., 391 Elmwood av
Kellogg, A. O., 250 Eddy
Lally, John C. & Co., 49 Aborn
Lees, F. G., 139 Weybosset
Lipsky, David, 365 N Main
Lovegrove & Burlingame, 955 Westminster
McAuliffe & Co., 123 Dorrance
McCarthy, Dennis, 86 Wickenden
McCarthy, Thos. F. & Co., 130 Clifford
McCormick, M. J., 445 S Main
McCormick, T. F., 1835 Westminster
McElroy, Jno. C., 452 Atwells av
McKeen, Thos. J., 117 N Main
McKenney, Edw., 557 Eddy
McPhail, David, 8 Chalkstone av
MacVicar, Wm., 59 Rutherglen av
Macauley Bros., 188 Ocean
Manney, Thos. E., 164 S Main
Matteson, A. B., 89 Mathewson
Melarkey Bros., 641 Charles
Milner, Jesse T., 300 Broad
Morrissey, Jas. P., 919 Atwells av
Mulvihill, Jno. E. & Co., 3 N Main
Murphy, M. F., 374 Elmwood av
Murphy, Maurice J., 349 Eddy
Murphy & Fries, 31 Eddy
Nash, Thos. H. J., 736 Cranston
N. E. Ventilating & Heating Co., 928 Manton av
O'Connor, Patrick, 26 College
O'Loughlin, Jas. H., 88 Cranston
Ouimette, Leandre, 718 Cranston
Paulson, T., 258 Alabama av
Phillips, James, 136 Academy av
†PHILLIPS & PHILLIPS, 90 Pine
Potter, Chas. L., 77 S Main
Power, Henry, 67 Barch
Read, Michael J., 754 Eddy
Riccitelli, Giovanni, 146 Acorn
†Rice, W. C. & Co., 24 Cranston
Richardson, Wm., Jr., 194 Pond
Rossiter, A. T., 464 Plainfield
Salter, Jno. C., 372 Weybosset
Scott, Edwin & Co., 428 Eddy
Shanley, Jno. J., 70 Richmond
Smith & White, 158 Delaine
So. Providence Plumbing Co., 853 Broad
Spencer, C. W., 322 Cranston
Stevenson, L. C., 47 Weybosset
Thompson, W. B., 853 Westminster
Thornley, G. W., 82 Orange
Tierney, P. & J. Co., 522 Westminster
†Trudon, L. P. & Co., 1002 Westminster
Walker, Preston R., 217 Broad
Walsh, Jno. F., 292 Prairie av
Warburton, Jas. T., 35 Autumn
Whipple, Wm. L., 1850 Westminster
Whittaker, Wm., 46 Plainfield
Wright, Jno. S., 3 Benefit
Wright, Wm. F., 840 Eddy
RIVERSIDE—†Brownell, John P.
VALLEY FALLS—Blackstone Plumbing Co.
Dwyer, Wm. J.
WAKEFIELD—Ryan, M. A.
†Sheldon, J. L.
WARREN—Lent & Barry.
Pardy, H. O.
Seymour, H. A. Co.
WESTERLY—†Drysdale, Robt.
Jordan, Andrew R.
†Randall, A. P.
Thorp, Job
WICKFORD—Harnsworth, Jno. W.
Potter, Clarke
WOONSOCKET—Arnold, C. O.
†Barry, Jas. P. & Co., 26 N Main
Beaudet Bros.
†Coburn, Fred S., 243 Main
Gobellle, Fredk. J. 66 N Main
†Hope, Willis E., 315 Main
Lawless, John W.
†L'Esperance, R. T.
†Mulvey, B. F. & Co., 13 Clinton
Mulvey, J. F. Plbg Co.
Roberge, Jos., 45 River

SOUTH CAROLINA

AIKEN—Hyer, W. C.
ANDERSON—†Sullivan Hardware Co.
CAMDEN—Burns & Barrett
Goodale, N. R.
CHARLESTOWN—Beard, J. C., 523 King
Bissell, I. L., 25 Bull
†Blake, C. W., 206 King
Campbell, T., 246 Meeting
Carey, B. P., 36 Reid
Finnegan, J. J., 156 Meeting
Jervey, J. L., 21 Gadzden
Lewis, J. R., 163 Corning
†Masters, R. M., 127 King
Miscally, Oscar S., 194 King
Morris, R. J., 130 King
†Paddon, W. F., 389 King
Regan, John J., 202 King
Riley, A. J., 143 King
Smith, Julius E., 117 King
†Smith, W. H.
Tobin, J. F. & Bro., 577 King
Torlay, F. L., 13 Beaufain
Welsh, Wm. & Son, 147 Meeting
Williams, T. J., 1 Archdale
CHESTER—Murr, W. H.
COLUMBIA—Columbia Plbg & Cornice Co.
Cumptsy, A. D.
Dozier, L. B. & Co.
Gulmarin, W. B. Co.
†Lorick & Lowrance Co.
Plumer, R. E.
GREENVILLE—**ASBURY, W. T.**
Barr Hardware Co.
Fahnestock Bros.
Linsey & Harrison
LAURENS—Boyd, S. S.
ORANGBURG—Cantwell, P. W.
ROCK HILL—Westerland, J. W.
SPARTANBURG—Harty, C. W.
†McCants, S. F.
Milster, W. A.
Whitman, C. D.
SUMPTER—Hood, H. W.
Jenkins, E. A. & B. S.
UNION—**MURRAH, T. A.**

SOUTH DAKOTA

ABERDEEN—Kelley, L. W.
Koch, Wm. H. & Son
Symms-Powers Co.
CANTON—†**HAWN, J. P.**
Swenson, Chas.
CHAMBERLAIN—Metcalf, T. A.
DEADWOOD—Wilson, Kinney & Co.
FLANDRAEU—Crabtree, F. C.
HOT SPRINGS—†**GILLESPIE, JOHN H. & CO.**
HURON—Ramsel, Richard
Shaw & Madsen
LEAD—Coolidge & Bro.
Heart Mercantile Co.
Traut, Anthony
MITCHELL—Austin, Geo. W.
PIERRE—Pierre Gas Fitting & Plbg. Co.
Westlund, Olof
RAPID CITY—†Congdon, G. S. Hardware Co.
SIOUX FALLS—†**DOW, W. A.**
†McGovern, Chas.
Sanders, E. M.
Symms-Powers Co.

WATERTOWN—Burdick & Slawson
†**HESS & RAU**
YANKTON—Sampson, O. E.
Veiling, Anton
†Wiggins, T. L.
†Yankton Heating Co.

TENNESSEE

BRISTOL—Blevins, R. L.
Hayes, Fred
Hayes, R. B.
CHATTANOOGA—Cahill Iron Works
†Carlin & Cornes, 22 Cherry
Cotter & Watkins
Fox, Fredk., Jr., 104 E 8th
Giffe, J. C., 518 Market
Knoedler, Jno. C. & Co.
McQuade, H. A. 23 E 7th
Murphy, D. J., 811 Broad
†Wilcox, T. S., 210 A
Williams & Wood, 818 Cherry
CLARKSVILLE—Ahern, J. P.
†Bates, E. C.
DYERSBURG—Osborn, S. P.
FAYETTEVILLE — **FAYETTEVILLE PLUMBING CO.**
Robertson & Goodrich
GALLATIN—House, Jas. & Son
House & Maddox
HARRIMAN—†Fillmore, W. H.
JACKSON—†Anderson, G. C.
Cockrill Bros., 111 N Church
Tate & Curtiss, 118 S Liberty
JOHNSON CITY—†Johnson City Foundry & Mach Works
KNOXVILLE—Dearing, E. L., 707 S Gay
Engert & Hines, 704 S Gay
Hannifin, J. A., Deadrick bldg
Long, J. F., 614 Custom House
†Rourke, M. F. Co., 715 S Gay
MEMPHIS—†Bailey, J. A. & Co., 336 2d
Bluff City Plumbing Co., 9 Hermando
†Brown & Borum Co., 254 2d
Callahan & Co., 65 Jefferson
Harwood & Madden, 401 2d
Hauser, F. J., 98 5th
Haynes & Shinnick, 316 3d
Lagomarsino, L. & Co., 127 Rayburn av
Laure & Co., 38 Poplar
McGowan & Couillens, 310 2d
McMillan, W. H., 22 Huling
Massa, J. P., 387 2d
Moore, Louis, 76 N Rayburn av
Pritchard, Evans & Co., 71 Union
†Rawlings, E. L. & Co., 61 Jefferson
Schultz, C. J., 383 2d
Stanton, B. P. & Co., 318 Front
Tisdale, Lew & Co., 313 2d
Tweedy, G. T., 12 Adams
Walsh, M., 234 3d
Wood, J. E., 119 Jefferson
†Woods, Martin, 105 Poplar
Wormeley, Ralph & Co., 41 Monroe
NASHVILLE—†Abler, J. A. Plumbing Co.
Demerick, Gus.
Grewar, David Co.
†Healy, Jas. A., 412 N Cherry
HERBRECK & LAWRENCE, 607 Church
Jonte, N. S., 112 N Cherry
†Kane, M. & Bro., 311 N Summer
†Kennedy & Co.
†Mogan, J., 319 Cedar
†Mooney, T. J. Co., 617 Church
†Nashville Plumbing Co., 600 Broad
Park, J. L., 231 N Market
Preston & Whitehead, 411 N Cherry
†Roesch, Charles E., 307 N Summer
†Ryan & Son, 315 N Summer
Shea, J. A. Plumbing Co.

TEXAS

ABILENE—†Leavell, S. H.
†Spaulding Bros.
AUSTIN—Arlitt, Max
†Brush, Geo. A., 900 Congress av
†Burke, W. A., 814 Congress
Raven, E.
†Teagarden & Shumate
BEAUMONT—Eastham, E. E.
Grubbs, J. E.
BELTON—Hamilton & Kigley
Tulloch, R. E.
BROWNWOOD—Hurlburt Hdw. Co.
Weakley Hardware Co.
CALVERT—Emmerich, Jno.
CORSICANA—†Brooks, F. S.
Wooley, J. H.
DAINGERFIELD—Williams Bros & Co.
DALLAS—Brown, Emmett L., 173 N Akard
Campbell, F. A., 107 Murphy
†Carroll, S. C., 353 Commerce
Dallas Plbg. Co.
Davis, E. S., 107 N Market
†Donovan, Walter, 128 Ross av
Johnson, Frederick A. & Son, 375 Main
Kane, Jno. D. & Co.
McWhirk, A., 141 N Ervay
Madigan & Greenway, 402 Elm
Sanderson, Geo. W.
DENISON—†Campbell & Co.
†Waltz, Chris.
EL PASO—Keays, Richard & Co.
McLean, Hugh A.
Momsen & Thorne
Riehey, R. D.
Riley, Frank
Sein, J.
ENNIS—Blakey, J. & Co.
FORT WORTH—Barry, James A.
Collins, Joe M.
Frazee & McDonald
Glenk, C. B.
Hooker Electric & Plumbing Co.
†**KANE, JOHN D.**
Oberhoff, Gustave H.
Rogers, John A. & Son
Van Zandt, Ackley & Co.
GAINESVILLE—Bosley & Carr
GALVESTON—Galveston Gas Fitting & Plbg. Co., 2422 Market
Grahn, Arthur H., 2311 P. O. st
†Kirk, Thomas J., 215 22d
Mace, Thomas J., 516 Tremont
†May & Wainwright, 2209 Mechanic
†Rattisseau, W. W., 605 Tremont
†Shean, P. Sanitary Plumbing Mfg. Co., 2116 Mechanic
Wilcox, C. K. & Co.
GONZALES—Boothe & Lewis
Franks, W. C.
GREENVILLE—Martin, W. A.
Monroe, W.
HILLSBORO—McQuatters Plbg & Machine Co.
SMITH-TOMLINSON CO.
HOUSTON—**COLLINS BROS., 210 Milam**
†Keithly, Hodge & Co., 1012 Prairie av
Lead Pipe Plumbing Co., 1021 Capitol av
†Modern Plumbing Co., 1113 Congress
†Otter, W. W., 1518 Leland av
Robischung, Geo. J., 1606 Congress av
Smith Plumbing Co., 1204 Congress av
Thiel, John W., 513 Main
Van Liew, Fred C., 718 Travis
LAREDO—†Deutz, Adolph & Bro., 1220 Iturbide
†Netzer, Joseph
McGREGOR—Lee, Wm. & Co.
MARSHALL—†**LOGAN & WHALEY**
MOODY—Clay, A. R. & Co.
PALESTINE—Palestine Plumbing Co.
PARIS—Burke, J. F.
†Paris Steam Htg Co.
SAN ANTONIO—Bowman, Jonathan, Av C
Braden Plumbing & Electric Co., 22 W Commerce
Cynamon, H., 210 S Alamo
Krakauer, Piper
†**SCHUWIRTH, WM. & CO., W Commerce st**
†Shafer, A. H., 125 W Commerce
†West & Gutzeit, St. Mary st.
SHERMAN—†Madden, J. F. Plumbing Co.
†Sherman Plumbing Co.
TERRELL—Cunningham, Robt. J.
TEXARKANA—†Chatfield & Buhrman Hardware Co.
Daley & Livingston
†Hoffman, J. G.
Ledwidge, J. J.
TYLER—Adams & Wiley
VICTORIA—**WHEELER, WILLIAM**
WACO—†**HILL BROS. & CO.**
Vance, E. J. & Co.
†Waco Plumbing Co.
WAXAHACHIE—Knight, W. A.

UTAH

LOGAN—Everton, M. C.
WADMAN, H.
OGDEN—Croslie & Smith
†Dallimore, W. J., 2375 Wash'n av
Donaldson, W. S.
Halverson Bros., 2524 Wash'n av
Krumperman, Jno. F.
Macbeth, James, 2438½ Wash'n av
†Meek, A. W., 447 25th
†Zitzman, Lewis, 2309 Wash'n av
PROVO CITY—Pierpont Foundry Co.
Williams, W. A.
SALT LAKE CITY—Backman, S. C., 154 S 6th, West
Carthey & Dumbeck, 219 S State
Davies, H. B., 128 E 2d, South
†Doyle, George G. & Co., 211 S State
Erskine Bros., 49 West 1st, South
Farrell, J. J.
Gorman Plbg Co.
Green & Reeve Co., 104 E 2d
Higham-Burton-Taylor Plbg Co.
Highley, I. M. & Co., 109 E 1st, South
†Higson & Rossiter, 105 E 1st, South
James, D. W. & Co., 65 E 2d, South
Midgley, D. & Co., 135 E 2d, South
Midgley Bros.
†Moran, P. J.
Nelson, J.
Rees, Will
Snedden, Robert

VERMONT

ARLINGTON—Wilson, H. S.
BARRE—†Barre Supply Co.
†Phelps Bros., 69 Main
†Prindle & Averil
†Reynolds & Son
Russell, Baird & Co.
BARTON—Clark, A. E.
†Seaver, H. T.
BELLOWS FALLS—†Albee, George B.
†Bodine & Davis
BENNINGTON—†Newton, W. D.
†Newton, W. D.
Vail, Frank H.
†Winslow & Craven
BRANDON—Phelps, Chas. R.
BRATTLEBORO—†Cox, A. V.
†Fleming & Crown
†Galvin, John
BURLINGTON—†**BLODGETT, G. S. CO., 191 College**
†Buckley, W. H. & Co., 198 Main
†Devereux, Peter, 18 George
Kidder, J. F. Mfg. Co.
†Lanou, J. E., 166 North
McDonough, Frank T.
†Meagher, Martin, 66 Pearl
†Nash & Cunningham, 4 N Winooski av
†Wheelock, T. A., 118 College
ESSEX JUNCTION—**TEACHOUT, W. S.**
FAIR HAVEN—Bryant, O. A.
Lamphere, M. T.
HARDWICK—Hardwick Hardware Co.
†Marsh, O. H.
Smith, Wm. H.
LYNDONVILLE—†Eaton, J. C. & Co.
MANCHESTER—†Lawrence, George A.
Woodcock, Geo. L.
MIDDLEBURY—†**CALHOUN, A. & SON**
†Stewart, J. H.
MONTPELIER—†BLANCHARD, F.
†Davis, E. E.
†O'Neil, W. E.
Peek Bros.
NEWPORT—Carr & Spaulding
†**TRUE & BLANCHARD CO.**
NORTHFIELD—†Spaulding, A. F.
PITTSFORD—†Connolly, Michael
POULTNEY—†**HORTON, M. J. & SON**
RANDOLPH—†Lamson, J. H.
Woodward, D. C.
RICHFORD—Pollard, H. D.
RUTLAND—Adams, B. A.
†**CONNOLLY & LOVELAND, 71 Wales**
†Dunn Bros., 14 Mchts' Row
Pratt, G. W. & Co., Main st, W R.
Tracy, Francis, 12 Evelyn
ST. ALBANS—†Greene, S. C.
Leahy, J. M.
ST. JOHNSBURY—†**FARNHAM & ALBEE**
Goodrich, H. J.
Goss, Chas. H. & Co.
SPRINGFIELD—Carter, H. B.
SWANTON—†Martin, H. F. & Son
VERGENNES—†Hudson, Robert
WHITE RIVER JUNCTION—†**BAGLEY, E. H.**
Bilings, Frank P.
†Nott, H. L.
WINDSOR—†Reed, S. A.
†Reed, S. A.
†**STONE, PENNIMAN & PAYSON**
WINOOSKI—†Bigwood, S.
Shipman & Allen
WOODSTOCK—†**WARDWELL, E. F.**

VIRGINIA

ABINGDON—Rhea, S. H.
ALEXANDRIA—†Cogan, J. A.
†Cuviller, S., 112 S Fairfax
Desmond, W. J., 113 S Pitt
Hughes, Jas. B. & Son
Stanton, J. D., 210 King
BEDFORD CITY—Blankenship, W. L.
Chase, W. P.
BERKLEY—Hampton, J. M. & Co.
Meginley, Wm. C.
Smith, White & Co.
BIG STONE GAP—O'Roark, J. D.
BUENA VISTA—DE PRIEST, ROB'T A.
CHARLOTTESVILLE—†Charlottsville Plumbing & Heating Co.
King, J. A.
†Smith, A. P.
†Thomas, R. L.
COVINGTON—Coutts, R. R.
West Virginia Htg. & Plbg. Co.
DANVILLE—†FITZGERALD, GEO T. & CO.
Griggs & Thomas
Farley & Co.
HAMILTON—Myers, W. C.
HAMPTON—COPELAND, J. F.
Taylor, Charles T.
HARRISONBURG—Burke, J. P.
Thomas & Co.
LEESBURG—†Cline & Son
Leslie, J. H.
LEXINGTON—Anderson, R. S.
Beckwith, A. B.
LYNCHBURG—†CLELAND, E. A., 812 Church
Cowhing & Moseley
†Edmonds, P. V., 709 Main
McNamara, J.
†McNamara Bros.
MANASSAS—Davis & Bro.
MANCHESTER—**BURKERT & WILLiams, 1023 Hull**
Fahr, Augustus W., 919 Hull
Greenwood, Watt L.
Hogan, Luke H.
Meighan, Chas. H.
MARION—Francis, P. R.
NEWPORT NEWS—Brittingham, O. J.
Richter, Geo. M. & Co.
Sanitary Construction Co.
Stone, C. E.
Vandergrift, J. A.
NORFOLK—†Barnard, W. H. & Co., 206 Main
Bohlken, T. C. & Son, 446 Water
†Carey, Thos. J., 88 Bank
Colenda, E. & Co., 31 Bank
Co-operative Heating & Plbg. Co., 105 S Park av
Doran, John P., 209 Queen
Fairer, Alfred W., 30 Bank
Foster, W. E. & Son, 100 Brewer
Graham & Fairer, 110 Bank
†Guy, E. E. & Sons, 35 Bank
†Guy, Jas. R. & Co., 20 Cove
Hopkins & Tumbleson, 50 Bank
James, J. L. & E. W., 95 Brooke av
Jones, Chas. B., 722 W Brambleton av
Kelly, Jas. J., 114 Bank
Kemp, A. W., 21 City Hall av
Keys, M. F. & Co., 396 Church
Kiernan, James V., 137 Bank
†Lawler, Jos. J. & Co., 95 Bank
Lewis, Robt. B., 134 Granville av
Lyons, Geo. H., 15 City Hall av
Lum, Alonzo L. & Co., 212 S Park av
McLaughlin & Green, 174 Plume
O'Connor, Stephen J., 9 Hill
Stanley, O. A., 162 Bank
Thomas, T. W. & Co., 31 Bank
Thornton & Williams, 153 Bank
Va.-Carolina Supply Co., 79 Commerce
Vellines & Co., 28 Hill
Virginia-Carolina Supply Co., 79 Commerce
Williams Bros., 89 Bank
Wilson & Edwards, 112 Bank
PETERSBURG—Eichburg, Emanuel, 208 N Sycamore
Howerton & Tipton
Kidd, Thos. F., 226 N Sycamore
Sommers, W. H.
†Stratton & Bragg
PORTSMOUTH—Albert, Richard L., 219 County
Browne & Pearson, 720 London
Cherry, Mrs. Adelaide I., 507 Crawford
Dashiell, Oscie, 507 South
Hewitt, Judson D., Wythe n 4th
Jones & Ellsworth, 417 Wright
Port Norfolk Supply Co., Broad at A. C. L. Ry
Taylor, Walter F., 526 Green
Thomas, T. W. & Co., 519 Crawford
†WHITEHURST & RILEY, 516 Crawford
PULASKI CITY—†Damon, R. A.
Langhan Bros.
RICHMOND—Anderson, Jno. W., 710 E Main
Atkinson, W. T., 1810 E Main
Barrett, W. S., 1301 E Franklin
Blunt, O. H., 510 E Broad
Bowman & Gregory, 103 Governor
Bruce, Dallas S. & Co., 807 E Franklin
Chappell, Jas. H., 724 E Main
Cosby, Chas. H., 423 W Broad
†Dalton, F. S. & Co., 16 Governor
Day, J. Rudolph, 508 N 23d
Dorset, L. W. & Co., 718 E Cary
Eanes & Doherty, 312 Brook av
Fensom, Wm. R., 902 W Canal
Francis & Jordan, 615 W Main
Glazebrook, L. W., 1 N 7th
Grimmell's, H. Sons, 304 E Broad
Guidt, Wm. H., 25 N 12th
Haley, Jno. H., 1211 W Main
Haley, Wm. W., 906 Green al
Haley, Wirt W., 116 S Cherry
Hayes, James, 821 E Main
Howle, Jas. H., 409 W Cary
Klein, N. & Son, 620 E Broad
Kritzer & Creery, 306 N 21st
Longworth, W. P. & Co., 819 E Main
Lynn, Geo. C., 407 Brook av
Mahoney, W. F. & Co., 707 E Main
Manning, Christopher, 1443 E Main
May, Alex. H., 212 N 5th
Mills, Morgan R. & Co., 517 E Main
Mitchell, Thos. W., 409 W Cary
Mountcastle, Wm. A., 612 E Clay
Mountcastle & Co., 311 W Broad
Myer, Wm. R., 8 Temple ct
O'Donnell, Daniel, 501 W. Broad
†Pemberton & Benson, 320 E Broad
Phillips, Jas. E. & Son, 1421 E Main
Phillips, Rogers Co., 818 E Broad
Redford, Benj., 15 N 7th
Richmond Plumbing & Mantel Co., 26 N 9th
Rose, J. H. & Co., 1427 E Main
Rose, Jno. E. & Co., 800 E Broad
Sargent, J. W., 620 E Main
Tinsley, Albert N. & Co., 105 W Marshall
Tinsley, Thos. C., 511 Graham
Watkins, E. J., 1920½ E Main
Whitlock, Chas. H., 16 N 9th
Wittkamp, Felix, 821 Brook av
ROANOKE—Calbreath, Thos. P., 414 1st, S. W.
†Engleby & Bro. Co., 17 Salem av, S W
Farrar, J., 123 Salem av, W., & 124 Franklin rd, S W
Hesser, W. R.
Kenard, A. J., Campbell av, S W
†Markley, Geo. E. & Co., 207 2d, S W
Priddy, S. C. & Co.
SALEM—Deverle, W. O.
†Salem Htg. Co.
SOUTH BOSTON—Penick, R. A. & Son
STAUNTON—Hounihan, Jno. D.
Moran, Frank N.
Pemberton & Marston
†Smith, O. E.
SUFFOLK—†**BUTLER, J. M. & SON**
Lawrence, W. B.
TAZEWELL—Caudell, J. B.
Long, C. C.
WARRENTON—Houchens, T. M.
WINCHESTER—Grove, O. P.
Miller Supply Co.
Reed, M. T.
Seal, Chas. E.
Snyder, J. H.
WYTHEVILLE—Mills, J. H.
Pattison, B.

WASHINGTON

ABERDEEN—Johnson, L. E.
Pinckney, C. A.
CASTLE ROCK—Swift, J. Hdw. Co.
CENTRALIA—Bowers, B. F. & Son
Keir, W. B.
McNitt, Frank T.
†Zimmer, E. R.
COLFAX—Baker, C. A.
Barroll & Mahony
ELLENSBURGH—†FERGUSON, E. C.
†Hornbeck, G. W.
EVERETT—†Barton, R. W.
Brown & Phillips
Francois & Zeigler
HOQUIAM—†Fessenfeld, W.
Heermans, H. C.
NORTH YAKIMA—†Sawbridge, John
Yakima Hardware Co.
OLYMPIA—Barton & Co.
†Binneimer, W. W.
†Jones, M. W.
†Martin, Geo. & Son
OLYMPIA HDW. CO.
PALOUSE—†Wheeler, E. K.
PORT TOWNSEND—Adams Hardware Co.
Jones & Crouter
PUYALLUP—†HOOD, CHAS.
SEATTLE—Adams, C. J. & Co., A. W. Denny bldg
Allen, W. D., Dexter Horton bldg
Aydt, Peter, 608 Pike
Baker & Son, Yesler way
Batchelor, F. A., 702 Queen Anne av
Brown, G. H., 221 Pine
†Brown, S. E. & Co.
Brown & Westover, 306 Columbia
Cameron, H. L., 106 5th av, S
Cotterill, F. W.
†Coughlin, John, 812 3d av
Crane Co., 165 Jackson
Crawford, W. G., 4110 3d av, N. W.
Curtiss, Wm. M., 2d av nr Leary av
†Dale Plumbing, Heating & Cornice Co., 112 Marion
Donaldson Bros., 108 Union
Elliott, Benj.
Ernst Bros., 506 Pike
Fremont Plumbing Co., 3410 Fremont av
†Glennon, P. J.
Hein, F. A., 2003 1st av
Hein, Louis N., 701 Pike
Holmes Plumbing & Heating Co., 110 1-2 Cherry
Ingram, John W., 2115 E Pine
Jones, Milford F.
Kelly, J. C., 201 2d av, S.
Krieg, A. I., Rainier & Columbus, Columbia
Krows, W. M., 222 Union
Lavine, B., Lake av & 6th
McRobert Bros., 1026 Pike
Mades, Jacob, Olympia av, nr Park, W. S.
Manaway, J. W., 2402 1st av
Miles, Z. C. & Piper Co., 1st av & Spring
Moffatt Bros., 812 3d av
Mullin, Wm. B., 1903 1st av
Nelson, Wm. O., 819 Pike
Peterson, S. A., 1418 4th av
†Rautman Plumbing & Heating Co., 1310 Arcadeway
Rustad-Smith (Inc.), 215 Yesler way
Ryan & Knapstein, 214 Columbia
Salomonson, J. T., 255 Ballard av
Scherer Plumbing & Heating Co., 316 Union
Seattle Heat & Plumbing Co., 900 Post
Shaw, C. M. & Co., Colman Dock
Spellman, D. B. Co., 215 Columbia
Stack, Jos. H., 320 2d av, S.
Stickels, H. R., 1018 3d av
Sullivan Bros., 112 Union
Swanstrom, G. H., 1422 4th av
Sweeney, H. & Co., 211 University
Thomas & Talbot, 1319 E Madison
Thorn Bros. & Co., c 72d & E Green Lake boul
Turner & Smith, 117 Marion
Ward, J. J., 217 Union
Woodhouse, Geo. H. Co., 1409 2d av
Young & Potter, 1101 3d av
SPOKANE—§Arnold, Evans & Co., S 107 Howard
Dullanty, P. J.
Griffith Heating, Plumbing & Supply Co., S 121 Howard
Hendrix, H. E.
Hollingbery, Wm., 823 Sprague
Isbister, Malcolm
Johnston, S. E.
Lambert & Reilly, S 207 Howard
Lerch, Fred. S, S 214 Howard
McCaffrey, R. C.
Smyth, James
Withers, Chas. L., 608 Front av
Wormald & Gaebler
TACOMA—Bellingham, T. H., 920 Commerce
Buechler, Henry, 745 S Tacoma av
Clark, Geo. W.
†Coffee, W. B. Plumbing Co., 1015 A
Galligan, A. H.
Gehri, Adolph & Co., 1113 S Tacoma av
†Goddard, A. M., 949 South D
†Goddard, P. M., 757 South D
Gyer, S. W.
Haddow, Robt., 311 S 9th
Heald, J. B., 507 S 9th
Hurley, Thos., 1133 Commerce
Lawson, O. P., 2811 6th av
'Olson, Ben., 1009 A
Welsh, Wm.
VANCOUVER—†HEALEY, J. J.
Larney & Kiggins
Morris, Frank
†Sparks, M. R.

WALLA WALLA- Bowman Bros.
Gaston Bros.
Lynch & O'Rourke
†Sutherland, G. H. Co.
WATERVILLE—†Carpenter & Maltbie
WHATCOM—Browne, L. O.
Dewis, John
Hinsdale Hardware Co.
McLeod, John
†Stoddard, Chas. W.

WEST VIRGINIA

BERKLEY SPRINGS—†Ambrose, C. P. & Bro.
BLUEFIELD—West Virginia Heating & P. Co.
Whitlow, M. G.
BUCKHANNON—Rollins, C. F.
Rollins, C. F.
CHARLESTON—Meyers Bros.
West Virginia Heating & Plumbing Co.
Wood & Gebhart Plumbing Co.
CHARLESTOWN—Coleman, C. N.
Darlington, O. N.
†EASTERDAY & CO.
†Russell, J. W.
CLARKSBURG—†Clarksburg Supply Co.
Tate & McCune
FAIRMOUNT—Baker, E. C.
Bebout, John
Combs, Earl
Fairmount Plumbing Co.
McKinney, P. O.
Mountain City Plumbing Co.
Reed Plumbing Co.
Snowden, Plumbing Co.
GRAFTON—Clark, E. F.
Tibetts, Thos. & Son
Zeck, Alex.
HUNTINGTON—Bockway, F. W. & Co.
†Hagan & Co.
†Huntingdon Plumbing & Supply Co.
KEYSER—Kuhnle, Chas.
Ritzel, A. P.
MANNINGTON—Huff Bros. & Co.
†O'Hare, John
MARTINSBURG—Fisher, E. R.
Keedy, C. C.
Snyder, W. S.
MORGANTOWN—Brand & Gibson
Gaskill Plumbing Co.
Joseph, L. W.
Kennedy, J. H.
MOUNDSVILLE—Schaub, John M. Co.
Steel, S. A. & Co.
NEW MARTINSVILLE—Potts, D. B.
Powers, M. F.
PARKERSBURG — Parkersburg Supply & Plumbing Co.
†Turner, C. H. Co.
Young, J. Plumbing Co.
PIEDMONT—Suter, J. A. & Son
RONCEVERTE—†EAGLE & OTT
SALEM—Randolph, Howard
SISTERVILLE—Belford & Guyton
Smith, T. K.
WELLSBURGH—Kennedy, W. S.
ROBERTS, BRUCE
WHEELING—Graebe, Cecil A., 3326 Jacob
Hare's, Wm. Son, 33 12th
Hibbard, Geo. & Son
†Kyle, Root W. Co., 1155 Market
†Little, T. A., 1520 Market
McKown, H. L.
†Mansbarger & Lotz, 37 12th
Martin, Fred. Jr., 53 27th
Rose, Wm. P., 2620 Jacob
Rose & Vierheller Co.
Schnelle, Wm. F. C., 2012 Main
†Trimble & Lutz Co., 1500 Market
Ziegler, F. E., 57 33d

WISCONSIN

ANTIGO—La Londe, Edw.
APPLETON—†Nichols, Henry & Son
†Patterson, W. S. Co.
Ryan & Long
†Wenzel, Wm.
ASHLAND—†**NEUMAN, WM. F, & CO.**
†Perrin, C. F.
BARABOO—Arnott, John
Schadde, Otto
BEAVER DAM—Neiman, J. J.
BELOIT—†Beloit Pl'bg & Ht'g Co.
†Gregory, C. S.
Newton & Zimmerman
BERLIN—Wilson, Arthur
BURLINGTON—†Wagner Bros.
Zwiebel, Edw.
CHIPPEWA FALLS- L.
O'Connell, W. F.
Stengle, Henry
Swift, N. O.
COLUMBUS—Pine, E. L.
DELEVAN—Ronk & Searles
DE PERE—†Gowey, A. L. & Co.
EAU CLAIRE—†Eau Claire Cornice & Ht'g Co.
†Fox, W. H.
Heckstadt & Heidman
†Hobbs, W. H.
Triggs, H. T.
ELKHORN—McGill, W. E.
EVANSVILLE—†Baker, F. A. & Co.
Evansville Mercantile Ass'n
FOND DU LAC—†AHERN, DAVID & SON
Gault, I. L.
Murphy & Murphy
Seresse, W. A.
FORT ATKINSON—Cornish, Curtis & Green
†Merriman Bros. & Co. Mfg. Co.
GREEN BAY—Brehme, Antone
Garot, E.
Gowey, A. L. & Co.
†Hansen, C. & Co.
Morgan, E. B.
†Sanitary Supply & Mfg. Co.
Skogg, Nelson
Thomas, J. & Sons
HARTFORD—**KISSELL, L. & SONS**
HARTLAND—Larkey, R. B.
Wittenberg, W. F.
HUDSON—Crosby, E. A.
HURLEY—†McConnell Hardware Co.
JANESVILLE—George & Clemons
†Green, F. E.
†McVicar Bros.
Snyder, Chas. E.
KAUKAUNA—†**HAAS & HOHMANN**
Hogan, W. J.
KENOSHA—†BURR BROS.
†Goodman, C. H.
Reber, Hamer & Co.
Swift, Frank X.
KILBOURN CITY—†Marshall, G. M.
LA CROSSE—Cavanaugh & Smith
Eckert, C.
Ferguson, R. L.
†Fetter-Baker Niebuhr Co.
Hofweber, Peter, 127 Mill
†Thill & Lapitz
†TRANE, J. A. P'LBG CO., 125 S 5th
LAKE GENEVA—†Frederick, C. E.
LAKE MILLS—Bruns, George H.
LANCASTER—Fischer, C. & Son
Webb, Thomas
LODI—Michel Bros.
MADISON—Hauk, Hy.
Hyland, W. J.
Kelley, James A.
†King & Walker Co.
Kraft, George
Malaney, Mrs. Theresa
Meltzer, William J.
Metz, Anton
Owens, William
Sutter, Joseph
MANITOWOC—†Knickelbein & Dummer
†Larsen, Hilbert L. & Bros.
Merz, & Kueeker
Phelan, John H.
†Rand & Roemer Hardware Co.
Worel & Zeman
MARINETTE—†Norton, C. H.
Stewart & Gothe
MARSHFIELD—Metelka, John J.
MENASHA—†Auer, Wm.
MENOMONIE—Lucas, Carroll
†Schoenoff, A. F.
MERRILL—Merrill Plumbing & Heating Co.
MILWAUKEE—†American Plumbing & Heating
Apel, H. C., 222 Reed Co., 134 2d
Arends, Henry Plumbing Co., 1236 National av
Baker, J. C., 418 Grand av
Barsch, A. G. & Co., 706 12th
Beck, W., 928 Teutonia av
Becker, O. W., 409 11th av
Belz, Jacob, 610 Walnut
Boelter, William F., 326 Ogden av
Boetteher, William C., 843 11th
Brinlinger, A. F., 405 3d
Britt Bros., 179 Wisconsin
Brussock, A., 316 5th av
Clauson, Henry A., 909 Mineral
Dahl, A. S., 1521 State
Dale, Bert, 867 3d
Dearsley Bros., 422 Milwaukee
Dick, Paul F., 279 8th
Diel, Emanuel, 1128 Cherry
Dillmann, Edward, 33 Oneida
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Dittmer, Oscar H., 1332 Fond du Lac av
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Ogilvie Bros., 249 Bleury
Ouimet, David, 514 Craig
Ouimet, Omer, 4 St. Denis
Paddon, J. E. H., 2698 St. Catharine
Paquette, Jean J.
Pelletier, Wm.
Perrault, Jos., 123 Desery
Quintal, Gaspard, 100 Craig
Quipp, Jno. W. & Co., 2686 St. Catharine
Rea & Skead, 1074 St. James
Rosser, Griffith, 2139 St. Catharine
Roussea, E., 729 Notre Dame
Roussin, Calixte, 1719 St. Catharine
Ryan, Walter & Co., 2513 St. Catharine
Sadler, J. A., 226 Bleury
St. Aubin, Cleophas
St. Aubin, Zenon, 296 St. Denis
Scanlan, C.
Sevigny, R. N.
Sicard, Phileas X., 1064 St. Catherine
Sigouin, Art., 239 St. Elezabeth
Small, A., 748 a Dorchester
State, A. T. & Co.
Terreault, O.
Thibault, C. E., 231 Amherst
Thibault, Henry, 1354 Ontario
Thibault, J., 565 St. Paul
Trepannier, T. Bte.
Turcot, Nap, 1321 St. Lawrence
Turcotte, Joseph, 351 St. Lawrence
Walsh, M. & Co., 562 Craig
Watson, John & Co., 4135 St. Catherine W.
Woodburn, G. R. & Co., 120 St. Antoine
POINT LEVIS—Garneau, J. J., 90 Cote Du Passage
Gosselin, N., 147 Commerciale
PORTNEUF—Fournier, Alf.
QUEBEC—Bernier, J. D.
Brousseau & Frere
Cote, J. B.
Dion, Gaspard
Dobbin, P., 101 St. John
Ford, Wm.
Forrest, A., 36 Garden
Gaudry, L. H. & Co.
Giguere, P. P., 36 Des Foster
Huot, Adolphe
Laberge, Joseph, 134 DuPont
Lachance, Ph., 151 St. Paul
Lagace, Francois
Langhen, E. & Co.
Lapointe, C., 3 Notre Dame
Leveille, Francois X.
McKean, Peter & Co.
Maguire, Jas., 8 St. Ursule
Noel, P.
Papillon, O.
Paradis, Pierre
Picard, O. & Fils, 199 St. John
Rousseau, D., 795 St. Valier
Sampson, Robert
Simard, Gaudias
Vezina, Chas.
Walker, John, 74 St. John
RICHMOND—Rattry, Robert, Main
RIMOUSKI—Portugais, A. A.
Theriault, Pierre, St. Germain
ST. HENRI DE MONTREAL—(See Montreal)
ST. HYACINTHE—Blondin, Adrien & Co., 146 Cascades
Brodeur, C. E., 44 Cascades
Therien, Pierre
ST. JEROME—Belisle, Narcisse, St. George
Desjardins, Jos. N.
Therien, Chas.
ST. JOHNS—Monbleau, E.
Payette, Alex. & Co.
Tanguay & Mayrand
ST. MARTIN—Lachaine, Joseph A., St. Antoine
ST. THERESE DE BLAINVILLE—Filion, Pat'k
Paquet, Felix, St. Charles
Parquette, Felix, St. Charles
SHERBROOKE—Bauregard, G., 127 Wellington
Boucher, E. & Fils
Labreque, Nap
Sampson & Gardner, 53 Wellington
SOREL—Bernier, Godias, 16 Queen
Cote, Wm. & Co., 70 Du Rot
Dallaire, Hector
TERRE BONNE—Brossard, Henri, St. Francis
Gravel, Guil
THREE RIVERS—Landry, E. F. & Co.
Luckerhoff Bros., 24 Du Platon
Morrisette, Geo.
VALLEYFIELD—Boileau, A.
Parent, Louis & Co.
Trudel, E.
WESTMOUNT—(See Montreal)

Plumbers Brackets

(See Bracket Mfrs.)

Plumbers' Brass Goods Mfrs.

(For jobbers of this trade see Plumbers' Supplies, Jobbers.)

Akrens & Ott Mfg. Co., Louisville, Ky.
Albany Brass & Iron Co., Albany, N. Y.
American Brass Works, 426 Plum, Cincinnati,
American Distributing Co., Syracuse, N. Y.
American Engineering Works, 204 Dearborn, Chicago, Ill.
American Hardware Mfg. Co., Ottawa, Ill.
American Pin Co., Waterbury, Conn.
Asbell, S. J. Co., Paterson, N. J.
Badger Brass Mfg. Co., Kenosha, Wis.
Bailey-Farrell Mfg. Co., 619 Smithfield, Pittsburg, Pa.
Barclay, Peter & Co., Boston, Mass.
Barrett, Jas. Mfg. Co., 48 Pearl, Boston, Mass.
Bay State Metal Works, Cambridge, Mass.
Beifield, H. & Co., 435 N Broad, Philadelphia, Pa.
Benjamin, O. P. Mfg. Co., Indianapolis, Ind.
Blessing, C. A., 516 Montgomery av, Philadelphia, Pa.
Boston Brass Co., 36 Oliver, Boston, Mass.
Boston Steam Specialty Co., 168 Congress, Boston, Mass.
Buckeye Iron & Brass Works, Dayton, O.
Brookside Brass Foundry & Mfg. Co., 21 Seltzer av, Cleveland, O.
Buckley-Hart Mfg. Co., 527 Franklin, Detroit, Mich.
Campbell, J. B. Brass Works, Erie, Pa.
Capitol Brass Works, 284 Rivard, Detroit, Mich.
Central Brass Mfg. Co., 735 Cedar av, Cleveland, O.
Central Brass Works, 322 W Pearl, Cincinnati, O.
Chambers & Ainslee, 2 Commerce, Newark, N. J.
Champion-Farley Brass Co., Kansas City, Mo.
Clark Metallic Mfg. Co., 123 Mill, Rochester, N. Y.
Clark, Robt., 98 Schermerhorn, Brooklyn, N. Y.
Cleveland Bronze & Brass Works, 1138 Hamilton, Cleveland, O.
Cleveland Faucet Co., 25 Frankfort, Cleveland,
Climax Specialty Co., Seneca Falls, N. Y.
Clow, Jas. B. & Son, 342 Franklin, Chicago, Ill.
Clum, P. A. & Co., 18 Fay, Rochester, N. Y.
Columbus Brass Co. (Acorn), 96 N 6th, Columbus, O.
Colwell Lead Co. (Plumbers' "Joy"), 63 Centre, N. Y.
Connolly Specialty Works, 1071 Atlantic av, Brooklyn, N. Y.
Cooper, W. S. Brass Works, 437 N 12th, Philadelphia, Pa.
Cox Brass Mfg. Co. (Ltd.), Albany, N. Y.
Coyne & Delaney, 303 Rodney, Brooklyn, N. Y.
Crampton-Farley Brass Co., 221 Main, Kansas City, Mo.
Crane Co., 10 N Jefferson, Chicago, Ill.
Crescent Brass & Iron Co., Detroit, Mich.
Crescent Mfg. Co., Connellsville, Pa.
Creswell, Joseph Mfg. Co., Denver, Col.
Dalton-Ingersoll Co., 175 High, Boston, Mass.
Darling Pump & Mfg. Co., Williamsport, Pa.
Dart, E. M. Mfg. Co., Providence, R. I.
Dayton Mfg. Co., Dayton, O.
Dayton Supply Co., Dayton, O.
Dearborn Brass Co., Cedar Rapids, Ia.
D'Este, Julian Co., 24 Canal, Boston, Mass.
Detroit Brass Works, Brooklyn av & M. C. R. R., Detroit, Mich.
Detroit Sanitary Supply Co., 27 Jefferson av, Detroit, Mich.
Diamond Stamped Ware Co., Detroit, Mich.
Du Bois, F. N. & Co., 243 9th av, N. Y.
Eastwood Wire Mfg. Co., Belleville, N. J.
Eaton, Cole & Burnham Co., 253 Broadway, N. Y.
Edwardsville Brass Co., Edwardsville, Ill.
Empire Brass Mfg. Co., 125 Viaduct, Cleveland, O.
Everhart Brass Works, Exeter, N. H.
Farnan Brass Works, 23 Centre, Cleveland, O.
Federal Co., 69 Market, Chicago, Ill.
Forest City Brass Works, 96 Merwin, Cleveland, O.
Fort Pitt Supply Co., 525 Wood, Pittsburg, Pa.
Garratt, W. T. & Co., 138 Fremont, San Francisco, Cal.
Gilmour, J. Morrison, 55 W 16th, N. Y.
Glauber Brass Mfg. Co., 88 River, Cleveland, O.
Globe Brass Works, 13 Macomb, Detroit, Mich.
Graham, Jno. H. & Co., 113 Chambers, N. Y.
Haines, Jones & Cadbury Co., 1136 Ridge av, Philadelphia, Pa.
Hamilton, Jno. (Cocks & Bibbs, etc.), Bridgeport, Conn.
Hamlin & Emery Brass Co., 26 Island, Boston, Mass.
Haydenville Co., Haydenville, Mass., & 150 Nassau, N. Y.
Hays Mfg. Co., Erie, Pa.
Healey, Peter, Evansville, Ind.
Heap, Wm., Muskegon, Mich.
Hedges & Bros., Newark, N. J.
Hercules Iron & Supply Co., Commercial & Hanover, Boston, Mass.
Hoffman, B. Mfg. Co., 257 6th, Milwaukee, Wis.
Hoffman-Billings Mfg. Co., 100 2d, Milwaukee, Wis.
Homer Brass Works (Inc.), 231 Race, Philadelphia, Pa.
Huber, Henry Co., 244 5th av, N. Y.
Humphryes Mfg. Co., Mansfield, O.
Ideal Mfg. Co., Detroit, Mich.
Illinois Malleable Iron Co., 30 W Monroe, Chicago, Ill.
Ireland & Matthews Mfg. Co. (Brass Hinges, etc.), Detroit, Mich.
Jarecki Mfg. Co., Erie, Pa.
Jefferson Mfg. Co., Lexington, Ky.
Jenkins Mfg. Co., Bloomfield, N. J.
Jost's, Edmund Sons, 352 Plane, Newark, N. J.
Judd & Leland Mfg. Co., Clifton Springs, N. Y.
Kelly, Thomas & Bros., 78 Jackson boul, Chicago, Ill.
Kelly & Jones Co., 135 Water, Pittsburg, Pa. Works, Greensburg, Pa.
Keystone Brass Co., Erie, Pa.
Kinsey & Mahler Co., Peoria, Ill.
Kirkup, Robt. & Co., 616 Lodge, Cincinnati, O.
Knott-Van Arnam Mfg. Co., Fort Wayne, Ind.
Lake Erie Specialty Mfg. Co., Geneva, O.
Lamp & Miller Mfg. Co., Milwaukee, Wis.
Landers, Frary & Clark, New Britain, Conn.
Leather & Brass Mfg. Co., Auburn, N. Y.
Loeffelholz & Co., Milwaukee, Wis.
McCambridge & Co., 527 Cherry, Philadelphia, Pa.
McDonald, A. Y. & Morrison Mfg. Co., Dubuque, Ia.
McNab & Harlin Mfg. Co., 56 John, N. Y.
McNeil Mfg. Co., 122 E 7th, Cincinnati, O.
McRae & Roberts Co., Detroit, Mich.
McShane, Henry Mfg. Co., 443 North, Baltimore, Md.
Manhattan Electrical Supply Co., 32 Cortlandt, N. Y.
Mansfield Mfg. Co., 57 1st av, Pittsburg, Pa.
Merrie, Hugh, 226 9th, Cincinnati, O.
Meyer-Sniffen Co., 5 E 19th, N. Y.

Michigan Brass & Iron Co., Detroit, Mich.
Michigan Lubricator Co., Detroit, Mich.
Milwaukee Brass Mfg. Co., Milwaukee, Wis.
Milwaukee Valve Co., Milwaukee, Wis.
Mott, J. L. Iron Works, 88 Beekman, N. Y.
Mowrey & Phillips, 107 North, Boston, Mass.
Mueller, H. Mfg. Co., Decatur, Ill.
Mullaney's, Jas. Sons, 141 E 25th, N. Y.
National Brass & Metal Co., Minneapolis,
National Supply Co., Toledo, O. Minn.
Naugatuck Brass Co., Union City, Conn.
Nelson, N. O. Mfg. Co., 8th & St. Charles, St. Louis, Mo.
Newell-Booth Co. (Ltd.), 445 N Broad, Philadelphia, Pa.
Nichol, Thos. J. & Co., Pearl & Ludlow, Cin-
Nolte Brass Co., Springfield, O. cinnati, O.
Nunn Brass Works, Rochester, N. Y.
Ohio Brass & Iron Mfg. Co., 1231 Franklin av, Cleveland, O.
Ohio Pump & Brass Co., Columbus, O.
Park & McKay Co., 55 Bagley, Detroit, Mich.
Peck Bros. & Co., New Haven, Conn.
Perkes, Chas., 627 Arch, Philadelphia, Pa.
Phenix Brass Foundry Co., Hartford, Conn.
Pioneer Brass Works, Indianapolis, Ind.
Pittsburg Lamp & Brass Co., Allegheny, Pa.
Pleuger & Henger Mfg. Co., St. Louis, Mo.
Powell, Wm. Co., 2525 Spring Grove av, Cincinnati, O.
Powhatan Brass & Iron Works, Charlestown, W. Va.
Queen City Brass & Iron Works, Spring Grove av & Garard, Cincinnati, O.
Register's, J. Sons Co., Baltimore, Md.
Reid, R. W., 272 Kent av, Brooklyn, N. Y.
Reynolds, M. Plumbers' Supply Co., 25 Centre, N. Y.
Richter & Co., 210 E 9th, Cincinnati, O.
Riegler-Hauck Co., 322 Pearl, Cincinnati, O.
Rome Sanitary Works, Rome, N. Y.
Roylance Brass Mfg. Co., San Francisco, Cal.
Rumsey, L. M. Mfg. Co., 810 N 2d, St. Louis, Mo.
Rundle-Spence Mfg. Co., 63 2d, Milwaukee, Wis.
Ryan, J. J. & Co., 68 W Monroe, Chicago, Ill.
Sanitary Co., 335 Huron, Cleveland, O.
Savill, Thos., 11th & Wood, Philadelphia, Pa.
Scoville, E. U., Manlius, N. Y.
Sherman, N. B. Mfg. Co., Battle Creek, Mich.
Sieben Mfg. & Supply Co., 1120 Holmes, Kansas City, Mo.
Smith, A. P. Mfg. Co., Newark, N. J.
Smith & Anthony Co., 48 Union, Boston, Mass.
Speakman Supply & Pipe Co., Wilmington, Del.
Spence Mfg. Co., 279 Park, Milwaukee, Wis.
Springfield Brass Co., Springfield, Mass.
Staats & Dilmeir, 36 S 1st, Brooklyn, N. Y.
Standard Brass Works, Detroit, Mich.
Standard Sanitary Mfg. Co., Arrott bldg., Pittsburg, Pa.
Stebbins, E. Mfg. Co., Springfield, Mass.
STEIN, HENRY, 48 Cliff, N. Y. (See adv. below)
Street & Kent Mfg. Co., 45 Fulton, Chi-
Sumner & Goodwin Co., 287 Congress, Boston. Mass.
Superior Mfg. Co., 206 Superior, Cleveland, O.
Syracuse Faucet & Valve Co., Syracuse, N. Y.
Thomas Brass & Iron Co., Waukegan, Ill.
Trenton Brass & Machine Co., Trenton, N. J.
Union Brass & Metal Mfg. Co., St. Paul, Minn.
United Brass Mfg. Co., 958 Hamilton. Cleveland, O.
Victor Excelsior Brass Works, 42 Mott, N. Y.
Walsh, Richard, Detroit, Mich.
Walworth Mfg. Co., 132 Federal, Boston, Mass.
Warren Brass Mfg. Co., Warren, O.
Weaver, H. M. Co., Mansfield, O.
Webb, F. W. Mfg. Co., 50 Elm, Boston, Mass.
Weir & Craig Mfg. Co., 2421 Wallace, Chicago,
Weiskittel, A. & Son, Baltimore, Md.
Whitlock Coil Pipe Co., Hartford, Conn.
Wise, J. B., Watertown, N. Y.
Wolff, L. Mfg. Co., 117 W Lake, Chicago, Ill.
Wolverine Brass Works, Grand Rapids, Mich.
Woodworth-Evans Co., 112 Wood, Pittsburg, Pa.
Worcester Ferrule & Mfg. Co., Worcester, Mass.
Zero Valve & Brass Mfg. Co., Buffalo, N. Y.

Plumbers' Cabinet Work

(See Water Closet Seats & Tanks.)

Plumbers' Chains

(See Chain Mfrs.', Plumbers.)

Plumbers' Charts & Estimate Books

Starbuck. R. M. & Son, Hartford, Conn.

Plumbers' Enameled Ware Mfrs.

(See Bath Tubs, Enameled Iron.)

Plumbers' Furnaces

(See Furnaces, Plumbers' & Tinners'.)

Plumbers' Hard Fibre Specialties

(See Fibre Mfrs., Hard.)

Plumbers' Marble Work

Ahrens & Ott Mfg. Co., 325 W Main, Louisville, Ky.
Alexander, Alex. G., 172 Larned, Detroit, Mich.
BATTERSON & EISELE, 431 11th av. (See adv. index, end of book)
Beggs, A. & Son, Allegheny, Pa.
Blatz & Kerbs Stone Co., Louisville, Ky.
Bowker, Torrey & Co., 55 Chardon, Boston, Mass.
Bradbury Marble Co., 1229 S B'way, St. Louis, Mo.
Buckeye Marble & Freestone Co., 3d & Eggleston av, Cincinnati, O.
Buess, Wm., 316 E 95th, N. Y.
Burlington Marble Co., Burlington, Vt.
Butler, Phillips H. & Co., 25 Haverhill, Boston, Mass.
Christa, Philip & Sons, 504 Lafayette av, Detroit, Mich.
Clow, Jas. B. & Sons, 342 Franklin, Chicago, Ill.
Columbian Marble Quarrying Co., Rutland, Vt.
Crosscup, D. L., cor 23d & Chestnut, Philadelphia, Pa.
Davidson Bros. Marble Co., ft of Orleans, Chicago, Ill.
Dooley, Frank, 24 Hunter's Point av, Long Island City, N. Y.
Empire City Marble Co., 250 11th av, New York
Eschmann, B. & J., 412 E 37th, N. Y.
Evans Marble Co., 204 E York, Baltimore, Md., & Knoxville, Tenn.
Fisher, Robt. C. & Co., E 139th & Locust av, New York
Georgia Marble Finishing Works, Canton, Ga.
Grant Marble Co., Milwaukee, Wis.
Great Western Marble Works Co. (Philip McDonough, Prop.), 1602 Reading rd, Cincinnati, O.
Grob, German & Son, 502 W 35th, N. Y.
Hall, Chas. E. & Co., 62 1st, E. Cambridge, & 166 Devonshire, Boston, Mass.
Hilgartner, L. & Sons, 714 W Balto, Baltimore, Md.
Illinois Marble Co., Edwardsville, Ill.
Jacoby & Son Co., 2025 Market, Philadelphia, Pa.
Jordan, Chas. H., 268 Division av, Brooklyn.
Kennesaw Marble Co., Marietta, Ga. N. Y.
Klaber, A., 238 E 57th, N. Y.
Krulish, J., 351 E 61st, N. Y.
Lautz Co., 861 Main, Buffalo, N. Y.
Lloyd Bros. Co., Toledo, O.
McGratty & Sons, 313 Butler, Brooklyn, N. Y.
Marthens, Chester N. Co., 171 S Canal, Chicago, Ill.
Maxwell & Dempsey, 277 Cherry, N. Y.
Norcross Co., 269 W River, Cleveland, O.
Northwestern Marble Co., 419 S 6th, Minneapolis, Minn.
Passmore, Meeker & Co., 192 Market, Newark, N. J.
Peoria Stone & Marble Works, Peoria, Ill.
Pickel Marble & Granite Co., 1901 N B'way, St. Louis, Mo.
Rutland Florence Marble Co., Rutland, Vt.
Rutland Marble Mfg. Co., Rutland, Vt.
Shaver, Jos., Granite & Marble Co., 506 7th, Milwaukee, Wis.
Sheppard, Simpson, 178 3d av, Brooklyn, N. Y.
Sherman & Flavin, 2511 State, Chicago, Ill.
Shipway, J. H. & Bro., ft E 128th, N. Y.
Sickels, Geo. B. & Co., Tate, Ga.
Standard Marble Works (John M. Mueller, Jr., Prop.), 706 W Front, Cincinnati, O.
Tracy, Michael J., 199 Lexington av, Brooklyn, N. Y.
Troy Bros. & Co., 91 Haverhill, Boston, Mass.
Union Soap-Stone Co., 14 Marshall, Boston, Mass.
Van Wyck & Collins, Poughkeepsie, N. Y.
Verd-Antique Marble Co., 204 Dearborn, Chicago, Ill.
Vermont Marble Co., Proctor, Vt.
White's, Alfred Sons Co., 110 Bell blk, Cincinnati, O.
WEGE, CHAS., MARBLE & TILE Co., 375 W Rich, Columbus, O. (See adv. index, end of book)
Wolff, L. Mfg. Co., 117 W Lake, Chicago, Ill.
Young, B. P. Co., Frick bldg, Pittsburg, Pa.

Plumbers' Porcelain Ware Mfrs.

(See Bath Tubs, Porcelain.)

Plumbers' Rubber Goods

Akron Rubber Co., Akron, O.
Alden Rubber Co., Barberton, O.
Boston Woven Hose & Rubber Co., Boston, Canfield, H. O., Bridgeport, Conn. Mass.
Central Rubber & Supply Co., 229 S Meridian, Indianapolis, Ind.
Combination Rubber & Belting Co., Bloomfield, N. J.
Consolidated Rubber Co., Trenton, N. J.
Continental Rubber Wks., Erie, Pa.
Diamond Rubber Co., Akron, O.
Empire Rubber Mfg. Co., Trenton, N. J.
Goodrich, B. F. Co., Akron, O.
Grieb Rubber Co., Trenton, N. J.
Hamilton Rubber Co., Trenton, N. J.
Manhattan Rubber Mfg. Co., 18 Vesey, N. Y.
Mechanical Rubber Co., 253 B'way, New York; 230 Randolph, Chicago, & Cleveland, O.
Morgan & Wright, 19 N May, Chicago, Ill.
N. J. Car Spring & Rubber Co., Jersey City, N. J.
N. Y. Belting & Packing Co., 25 Park pl, N. Y.
Ogden, C. S. & Co., 52 Ferry, New York
Peerless Rubber Mfg. Co., 16 Warren, N. Y.
Penna. Rubber Co., Erie, Pa.
Republic Rubber Co., Youngstown, O.
Revere Rubber Co., 77 Bedford, Boston, Mass.; 59 Reade, New York; Phila., Pa.; Chicago, Ill., & San Francisco, Cal.
Voorhees Rubber Mfg. Co., Jersey City, N. J.
Whitman & Barnes Mfg. Co., Akron, O.; West Pullman, Chicago, Ill., & 111 Chambers, New York

Plumbers' Sanitary Earthenware Mfrs.

Acme Sanitary Pottery Co., Trenton, N. J.
Belmark Pottery Co., Trenton, N. J.
Crescent Pottery Co. (See Trenton Potteries Co.)
Delaware Pottery Co. (See Trenton Potteries
Economy Pottery Co., Trenton, N. J. Co.)
Egyptian Pottery Co., Trenton, N. J.
Empire Pottery Co. (See Trenton Potteries Co.)
Enterprise Pottery Co (See Trenton Potteries Co.)
Equitable Pottery Co. (See Trenton Potteries Co.)
Great Western Pottery Co., Kokomo, Ind., & Tiffin, O.

HENRY STEIN,
48 Cliff Street, NEW YORK.
PLUMBERS BRASS WORK OF QUALITY.
STEAM BRASS WORK, VALVES, ETC.
ENAMELED BATHS, LAVATORIES, SINKS, ETC.

Ironsides Pottery Co., Bordentown, N. J.
Keystone Pottery Co., Trenton, N. J.
Maddock John & Sons, Trenton, N. J.
Maddock, Thos. & Sons Co., Trenton, N. J.
Mercer Pottery Co., Trenton, N. J.
Monument Pottery Co., Trenton, N. J.
National Pottery Co., Evansville, Ind.
Sanitary Earthenware Specialty Co., Trenton, N. J.
Standard Sanitary Pottery Co., Elizabeth, N. J.
Trenton Fire Clay & Porcelain Co., Trenton, N. J.
Trenton Potteries Co., Trenton, N. J.
Universal Sanitary Mfg. Co., New Castle, Pa.
Vance-Faience Co., Wheeling, W. Va., & Tiltonsville, O.
Wheeling Potteries Co., Wheeling, W. Va.
Willetts Mfg. Co., Trenton, N. J.

Plumbers' Seamless Tubing, in Brass, Copper & Nickel Plated

American Tube Works, 20 Gold st., New York; Bourse bldg, Philadelphia, Pa., & 137 Milk, Boston, Mass.
BENEDICT & BURNHAM MFG. CO., ("Benedict"), Waterbury, Conn.; 253 B'way, New York; 167 Lake, Chicago, Ill., & 172 High, Boston, Mass. (See adv. below)
Bridgeport Brass. Co., Bridgeport, Conn., & 19 Murray, New York
HUNGERFORD, U. T. BRASS & COPPER CO., 497 Pearl, New York
Randolph-Clowes Co., Waterbury, Conn.
Waterbury Brass Co., Waterbury, Conn., & 122 Centre, N. Y.

Plumbers' Seamless Tubing, in Brass, Copper & Nickel Silver

American Tube Works, 20 Gold, New York; Bourse bldg, Phila., Pa., & 95 Broad, Boston, Mass.

BENEDICT & BURNHAM MFG. CO., Waterbury, Conn.; 253 B'way, New York; 167 Lake, Chicago, Ill., & 172 High, Boston, Mass. (See adv. below)

Plumbers' Slate Work

(See Slate Urinals, Slabs, etc.; also Laundry Tubs, Slate.)

Plumbers' Soil

Bernz, Otto, S 13th c S Orange av, Newark, N. J.

Plumbers' Soldering Coppers

(See Soldering Coppers.)

Plumbers' Supplies, Jobbers

(This trade is duplicated under Steam Fitters' Supplies, etc.)
(For the manufacturers of all kinds of Plumbing Specialties, see the Specific Article Required.)

ALABAMA

BIRMINGHAM—Milner & Kettig Co.

CALIFORNIA

LOS ANGELES—Busch, A. H. Co.
Crane Co. (of Chicago), Est. 1885
Harper & Reynolds Co.
Holbrook, Merrill & Stetson (of San Francisco)
Hooker, J. D. Co. (Inc.)
Montague, W. W. & Co. (of San Francisco)
Tay, Geo. H. Co.
OAKLAND—Barker & Kinney Co.
Crane Co. (of Chicago)
SACRAMENTO—Miller-Chapin-Enwright Co.
SAN DIEGO—Western Metal Supply Co.
SAN FRANCISCO—Barker & Kenney, 133 2d
CRANE CO. (of Chicago), Est. 1885. (See adv. index, end of book)
Dalziel-Moller Co., 559 Mission
Holbrook, Merrill & Stetson, 223 Market
Montague, W. W. & Co., 309 Market
Tay, Geo. H. Co., 51 1st
STOCKTON—Austin Bros.

COLORADO

DENVER—Creswell, Joseph Mfg. Co., 1624 Blake
O'Fallon, M. J. Supply Co., 1518 Wynkoop
Wolff, L. Mfg. Co. (of Chicago), 1533 Blake
Blake

CONNECTICUT

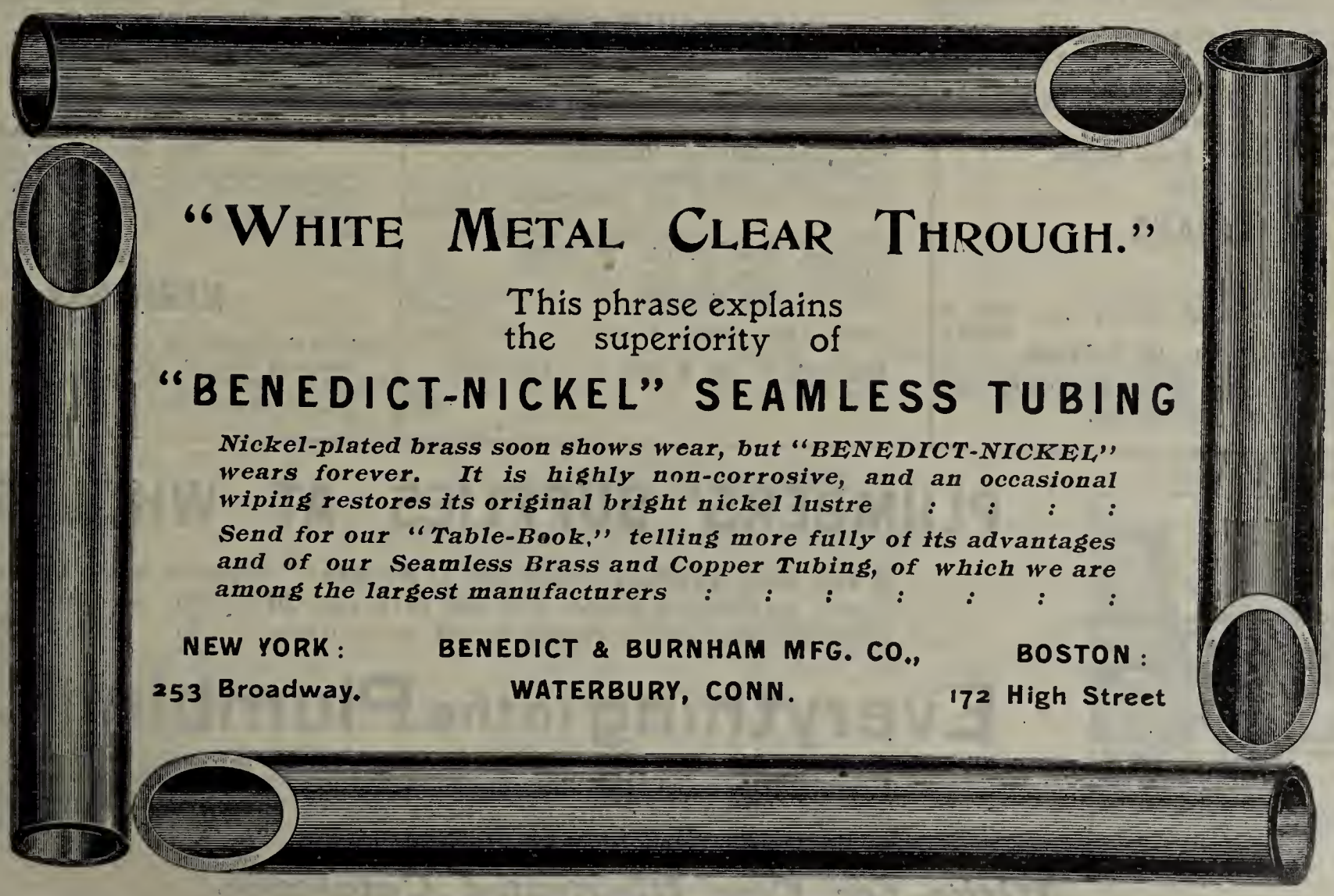
BRIDGEPORT—Engineering Supply Co.
HARTFORD—Knox, Frank J. Co.
Plimpton & Hills Corporation
NEW HAVEN—Mersick, C. S. & Co.
Peck Bros. & Co.

DELAWARE

WILMINGTON—Delaware Electric & Supply Co.
Speakman Supply & Pipe Co.

DISTRICT OF COLUMBIA

WASHINGTON—McCubbin, C. J. Co., 423 10th, N W
Mitchell, John, Jr., 1000 Pa av, N W
Schafer, E. G. & Co., 424 11th, N W
Somerville, Thos. & Sons, 316 13th, N W



FLORIDA

JACKSONVILLE—Hubbard, S. B. Co.

GEORGIA

ATLANTA—General Supply Co.
SAVANNAH—McKenna, J. H.

HAWAII TERRITORY

HONOLULU—Honolulu Iron Works

ILLINOIS

CHICAGO—Clow, Jas. B. & Sons, 344 Franklin
CRANE CO. (Est. 1855), 10 N Jefferson. (See adv. index, end of book)
Davies Warehouse & Supply Co., 20 N Clark
Davis, John Co., 22d & Halsted
Deschauer, Stephen, 339 Blue Island av
Federal Company, Old Colony bldg
Geary, Wm. T., 9275 Commercial av
Griffith & Quinn
Hardin, Jno., 4543 Cottage Grove av
Henion & Hubbell, 61 N Jefferson
Illinois Malleable Iron Co., 30 W Monroe
Inter-State Supply Co., 1545 Michigan av
KAROL, B., 237 W Harrison. (See adv. below)
Kellogg-Mackey-Cameron Co.
McDonald, A. Y. Co., 86 Lake
Morrison, Angus, 399 Lincoln av
Mott, J. L. Iron Works (of New York), Merchants' Loan & Trust bldg
Nelson, Henry Co., 217 Milwaukee av
Sanitary Specialty Mfg. Co., 55 N Clinton
Street & Kent Mfg. Co., 45 Fulton
Vollrath, Jacob J. Mfg. Co. (of Sheboygan, Wis.), 177 Lake
Weil Bros., 15 N Clinton
Weir & Craig Mfg. Co., 2421 Wallace
Western Plumbing Supply Co., 48 S Franklin
Whitney & Ford, 4315 Cottage Grove av
Wolff, L. Mfg. Co., 93 W Lake
DECATUR—Mueller, H. Mfg. Co.
EAST ST. LOUIS—Western Supply & Mfg. Co.
PEORIA—Kinsey & Mahler Co.
Nailon Bros. Co.
ROCKFORD—Rockford Brass Works

INDIANA

FORT WAYNE—Baltes Supply Co.
INDIANAPOLIS—Central Supply Co., 209 W Wash'n
Knight & Jillson Co., 121 S Penna
MUNCIE—Keiser, Geo. & Co.
TERRA HAUTE—Prox & Brinkman Mfg. Co.
UNION CITY—Knapp Supply Co.

IOWA

CEDAR RAPIDS—Cedar Rapids Pump Co.
Chandler Pump Co.
DUBUQUE—McDonald, A. Y. & Morrison Mfg. Co.
FORT DODGE—Leighton Bros.
OSKALOOSA—Iowa Mfg. Co.
SIOUX CITY—Crane Co. (of Chicago)

KANSAS

WICHITA—Rodolf, R. O.

KENTUCKY

LOUISVILLE—Ahrens & Ott Mfg. Co. (Inc.)
Laib Co.
Vogel, P. A. & Sons

LOUISIANA

NEW ORLEANS—Ahrens & Ott Mfg. Co. (of Louisville, Ky.), Baronne & St. Joseph sts
Fairbanks Co. (of New York City), 610 Canal
Manion & Co., 622 Baronne
Schafer, C., 327 Baronne

MAINE

PORTLAND—Blake, W. L. & Co. (Inc.)
Plummer, C. M. & H. T. Co.

MARYLAND

BALTIMORE—Adt, John B.
Central Metal & Supply Co., 606 E Lombard
Crook, Horner & Co., 301 N Howard
Cuyler & Mohler, 611 William
Kemp, C. M. Mfg. Co., 401 E Oliver
McShane, Henry Mfg. Co., 415 North
Robertson, Jas. Mfg. Co., 829 S Howard
Southern Supply Co.

MASSACHUSETTS

BOSTON—Barrett, Jas. Mfg. Co., 209 Franklin
Braman, Dow & Co., 239 Causeway
Brown-Wales Co., 69 Purchase
Butler, Edmund F. Co., 76 Pearl
Dalton-Ingersoll Co., 169 High
Dececo Co., 146 High
Douglas, Jno. Co. (of Cincinnati, O.), 177 High
Estabrook's, R. Sons, 204 W 1st, S. B.
Gallison, Wm. H. Co., 36 Oliver
Gilchrist, Geo. E. Co., 106 High
Hercules Iron & Supply Co., Commercial & Hanover
Hoey, Thos. Supply & Mfg. Co., 405 Atlantic av
Hubbard, W. B. & Sons Co., 176 Oliver
Lipp, Louis Co. (of Cincinnati, O.), 104 High
Locke, Stevens & Co., 21 Tennyson
Peck Bros. & Co. (of New Haven, Conn.), 155 High
Pierce, Butler & Pierce Mfg. Co., 50 Oliver
Smith & Anthony Co., 48 Union
Sumner & Goodwin Co., 287 Congress
Webb, F. W. Mfg. Co., 52 Elm
Young, Jos. H., 82 High
CAMBRIDGEPORT—Cambridge Plumbing Supply Co.
LYNN—Bourneuf, Louis & Co.
NEW BEDFORD—New Bedford Boiler & Machine Co.
SOMERVILLE—Ideal Supply Co.
SPRINGFIELD—Hitchcock Supply Co.
New England Plumbing Supply Co.
WORCESTER—Baker Lead Mfg. Co.
Callahan Supply Co.

MICHIGAN

DETROIT—Detroit Lead Pipe & Sheet Lead Works, 57 2d
Harvey's, A. Sons Mfg. Co., 22 1st
Park & McKay Co., 55 Bagley av
Sales-Broad Co., 76 Jefferson av
Scully, W. J. Ventilator & Mfg. Co.
Walker, Jas. & Son, 43 Jefferson av
GRAND RAPIDS—Ferguson Co.
LANSING—Michigan Supply Co.
MENOMINEE—Emerson Supply Co.

MINNESOTA

DULUTH—Crane & Ordway Co.
Northern Supply Co.
MINNEAPOLIS—Central Supply Co., 314 S 3d
National Brass & Metal Co., 256 S 3d av
Plumbing & Steamfitting Supplies Co., 212 1st, N
ST. PAUL—Crane & Ordway Co.
Union Brass & Metal Mfg. Co., Lawson & Macubin
Western Supply Co., 348 Wacouta

MISSOURI

KANSAS CITY—**CRANE CO. (of Chicago), Est. 1855.** (See adv. index, end of book)
Kansas City Pump Co.
Reeves Supply Co.
United States Water & Steam Supply Co.
Young, W. B. Supply Co.
ST. JOSEPH—Horrigan Supply Co.
ST. LOUIS—Cahill-Swift Mfg. Co., 20 S 12th
CRANE CO. (of Chicago), Est. 1885. (See adv. index, end of book)
National Plumbing & Supply Co.
Nelson, N. O. Mfg. Co., 8th & St. Charles
Rumsey, L. M. Mfg. Co, 811 N Main
Rumsey & Sikemeier Co., 1900 Pine

NEBRASKA

LINCOLN—Cooper & Cole Bros.
Western Supply Co.
OMAHA—Crane Co. (of Chicago)
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Perkins, Arthur L., 283 Warren
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Macknet & Doremus
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Dixon & Ballou, Ellicott & Carroll
Hamill, D. L., 60 Delaware av
Plumbers' & Steamfitters' Supply Co., 246 Main
Schafer & Co., 226 Ellicott
KINGSTON—Caufield Supply Co.

NEW YORK CITY

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De Laney, Thos. M. & Co., 144 Flatbush av
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Knight, Thos. G., 359 Pearl
McElraevy & Hauck Co., 440 B'way
Read, H. P. Lead Works, 1320 B'way & Kent & Ross
Ronalds & Johnson Co., 51 Boerum pl
Spencer & Haviland, 358 Livingston

Boroughs of Manhattan & Bronx

NEW YORK—Adee, Fred Co., 44 Cliff
Beals, H. H., 51 Cliff
Behrer & Co., 81 Beekman
Campbell Supply Co., 161 E 54th
Colwell Lead Co., 51 Centre
Cornell & Underhill, 47 Beach
CRANE CO. (of Chicago), Est. 1855, 490 Cherry. (See adv. index, end of book)
Dimock & Fink Co., 220 E 125th
Du Bois, F. A. & Co., 243 9th av
Gallagher, J. E., 86 John
Glauber, Sam S., 1393 3d av
Harper & Reynolds Co. (of Los Angeles, Cal.), 127 Duane
Holbrook, Merrill & Stetson (of San Francisco), 256 B'way
Huber, Henry Co., 244 5th av
Hull, Camp Co., 125 Worth
Hussey, W. H. & Son, 148 W 35th
Hutchinson, Thos. H., 101 Beekman
KAY, WM. H. CO., 244 Fulton.
Keating, Edw. F. Co., 446 Water
Kellogg, McCrum, Howell Co., 46 E 20th
Kenney Mfg. Co., 36 E 22d
Latimer, J., 101 Beekman
Locke & Smith, 103 W 37th
McNab & Harlin Mfg. Co., 56 John
McShane, Wm. Co., 711 6th av
Malbin & Kammerman, 922 3d av
Markt & Struller Co. (for Export), 193 West
Mayor, Lane & Co., 128 White
Metropolitan Supply Co., 2505 3d av
Meyer-Sniffen Co., 5 E 19th
Mott, J. L. Iron Works, 88 Beekman
Murray, Jno. A., 625 6th av
Nason Mfg. Co., 71 Fulton
Newmark & Joffe, 242 Broome
Peck Bros. & Co., 27 W 42d
Pierce, Butler & Pierce Mfg. Co., 254 4th av
Raymond-Van Praag Supply Co., 617 E 148th
Read, H. P. Lead Works, 160 E 56th
Reynolds, M. Plumbers' Supply Co., 25 Centre
Robinson & Co., 654 Lexington av
Ronalds & Johnson Co., 54 Cliff
SIMMONS, JOHN CO., 108 Centre
Speakman Supply & Pipe Co. (of Wilmington, Del., 156 5th av
Standard Plumbing Supply Co., St. Ann's av & 159th
STEIN, HENRY, 48 Cliff. (See adv. index, end of book)
Vogel, Ig., 1518 1st av
Weissberg, Chas., 41 Sheriff
Wickes, John C., 290 Pearl
Yorkville Plumbers' Supply Co., 1518 1st av

(END OF NEW YORK CITY.)

ROCHESTER—Sloan, Saml. & Co., 67 Exchange
SYRACUSE—McClure, R. C. Co.
Pierce, Butler & Pierce Mfg. Co.
TROY—Aird-Don Co.
UTICA—Millar, Chas. & Son Co.
WATERTOWN—Hunting Co.
Weekes, Jno. & Son Co.
YONKERS—Yonkers Plumbing Supply Co.

NORTH CAROLINA.

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OHIO

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Lipp, Louis Co., Mitchell av & B. & O. & S. W. R. R.
McDonald, Jas. & Sons Co., 654 Main
Merkel Bros., 318 W 3rd
Merrie, Hugh, 226 E 9th
CLEVELAND—Cleveland Plumbing Supply Co., 49 Vincent
Fisher, E. W. Co., 521 Superior
Kenney Co., 438 Huron
Sanitary Supply Co., 306 Prospect
Standard Mfg. Co. (of Pittsburg, Pa.), 208 Huron
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Columbus Brass Co.
Columbus Supply Co.
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Potts, B. F.
DAYTON—Dayton Supply Co.
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Grosswiller, Jos. F. Supply Co.
National Supply Co.
Toledo Supply Co.

OREGON

PORTLAND—Corbett, Failing & Robertson
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Gauld & Kline Co.

PENNSYLVANIA

ALTOONA—Standard Supply & Equipment Co.
LANCASTER—Sheet Metal & Supply Co.
LEBANON—Krause, Geo. Hardware Co.
PHILADELPHIA—Blessing, C. A., 515 Montgomery av
Cooper, Wm. S., Brass Works, 437 N 12th
CRANE CO. (of Chicago), Est. 1855, 22 S 5th. (See adv. index, end of book)
Fleck Bros. Co., 44 N 5th
Ford & Kendig Co., 1432 Callowhill
Froelich Bros., 142 N 7th
Haines, Jones & Cadbury Co., 1128 Ridge av
Hunter & Dickson Co., 241 Arch
Irwin, Geo. D., 634 Arch
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Keystone Supply & Mfg. Co., 927 N 9th
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Newell, Booth Co. (Ltd.), S E cor Broad & Buttonwood
Owen & Salter, 452 N 12th
Perkes, Chas., 627 Arch
Pierce, Butler & Pierce Mfg. Co., 24 S 7th
Ronalds & Johnson Co. (of N. Y.), 139 N 7th
Savill, Thos., N W cor 11th & Wood
Shuster Foundry Co., 41 N Franklin
Stambach & Love, 50 N 7th
Standard Plumbing Supply Co., 27 N 7th
Walls & Pearsall, 11th c Hamilton
PITTSBURG—Anchor Sanitary Co., 123 3d av
Bailey-Farrell Mfg. Co., 3d & Ross
Bowman, A. H. & Co., 890 Main
Duquesne Sanitary Co., 226 2d av
Fort Pitt Supply Co., 328 2d av
Harris Pump & Supply Co., 320 2d av
Kelly & Jones Co., 135 Water
Pittsburg Supply Co., 444 Water
Standard Mfg. Co., 913 Liberty av
Union Mfg. & Supply Co., 317 2d av
SCRANTON—Foote & Shear Co.
Wyoming Valley Supply & Mfg. Co.
WILKESBARRE—Pennsylvania Supply Co. (Ltd.)
Wyoming Valley Supply & Mfg. Co.
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RHODE ISLAND

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Seattle Supply Co.
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(See Torches, Various Kinds.)

Plumbers' Washers

(See Washers, Various Kinds.)

Plumbers' Wood Work

(For jobbers of this trade see Plumbers' Supplies, Jobbers.)

Ahrens & Ott Mfg. Co., Louisville, Ky.
American Mfg. Co., Middleport, O.
Ascher-Fox Mfg. Co., Columbus, O.
Bell, Eugene C. (Firm of), 6 Gouveneur pl, New York City
Blessing, C. A., 516 Montgomery av, Philadelphia, Pa.
Budde, Jos., 577 Mission, San Francisco, Cal.
Burlington Venetian Blind Co., Burlington, Vt.
Burrows, Wm. Mfg. Co., 72 Cliff, N. Y.
Carey, Robt. E., 321 Pearl, N. Y.
Clow, Jas. B. & Sons, 344 Franklin, Chicago, Ill.
Columbus Brass Co., Columbus, O.
Connolly Specialty Works (Circular & Square Tanks), 1071 Atlantic av, Brooklyn, N. Y.
Cowmeadow Mfg. Co., Oswego, N. Y.
Coyne & Delaney, 303 Rodney, Brooklyn, N. Y.
Crosby & Poole Co. (Ltd.), Port Huron, Mich.
Dewees, S. T. Mfg. Co., Chattanooga, Tenn.
Douglas, Jno. Co., 900 Poplar, Cincinnati, O.
Emery, W. S., 94 Beekman, N. Y.
Ferguson-Marcellus Co., Grand Rapids, Mich.
Findeisen & Kropf Mfg. Co., W 21st pl cor S Rockwell, Chicago, Ill.
Globe Furniture Co., Northville, Mich.
Hale & Kilburn Mfg. Co., 18 N 6th, Philadelphia, Pa.
Herrmann Furniture & Plumbers' Cabinet Works, 368 Broome, N. Y.
Heap, Wm., Muskegon, Mich.
Hogan Mfg. Co., Hartford, Conn.
Huber, Henry Co., 244 5th av, N. Y.
Hygienic Seat Co., Detroit, Mich.
Ideal Mfg. Co., 546 Franklin, Detroit, Mich.
Jamestown Mantel Co., Jamestown, N. Y., & 884 Columbus av, New York
Knott-Van Arnam Mfg. Co., Fort Wayne, Ind
Leclaire Mfg. Co., Edwardsville, Ill.
Lipp, Louis Co., Mitchell av & B. & O. S. W. Ry., Cincinnati, O., & 104 High, Boston, Mass.
Lowville Lumber & Mfg. Co., Lowville, N. Y.
McShane, Henry Mfg. Co., Baltimore, Md.
Miller-Hubbard Mfg. Co., Sturgis, Mich.
Nelson, N. O. Mfg. Co., 424 N 8th, St. Louis, Mo.
New York Dimension Supply Co., Evansville, Ind.
Olmstead, H. B. & Co., 87 Frankfort, N. Y.
Paine Lumber Co. (for the trade only), Oshkosh, Wis., & 1 Madison av, N. Y.
Park & McKay Co., Detroit, Mich.
Peninsular Mfg. Co. (Low Tanks & Seats, etc.), Ann Arbor, Mich.
Pfau Mfg. Co., 536 Reading rd, Cincinnati, O.
Pierce, Butler & Pierce Mfg. Co., Syracuse, N. Y.; 254 4th av, New York; 24 S 7th, Phila., Pa., & 50 Oliver, Boston, Mass.
Pierce, W. E. & Co., Milford, N. H.
Plumbers' Woodwork Co., 62 Elizabeth, New York
Rome Sanitary Works, Rome, N. Y.
Sanitary Mfg. Co., Hamilton, O.
Sanitary Specialty Mfg. Co., 57 N Clinton, Chicago
Seestedt Bros. Mfg. Co., Romulus, Mich.
Shwab Bros. Co., 42 Cliff, N. Y.
Smith & Pomeroy, Kalamazoo, Mich.
Standard Sanitary Mfg. Co. (of Michigan), Arrott bldg, Pittsburg, Pa.
Swain Mfg. Co., 7th & Morris, Philadelphia, Pa.
Taylor, Henry Lumber Co., Lafayette, Ind.
Victor Mfg. Co., Concord, N. H.
Wolff, L. Mfg. Co., 117 W Lake, Chicago, Ill.; Denver, Colo.

Plumbers' & Tinners' Furnaces

(See Furnaces, Plumbers' & Tinners'.)

Pneumatic Air Hoists

(See Pneumatic Hoists)

Pneumatic Alligator Riveters

Allen, Jno. F., 37 Gerard av, New York

Pneumatic Baby Drillers

KOTTEN, H. G., 120 Liberty, New York. (See adv. opp. next page)

Pneumatic Baby Surfacers

KOTTEN, H. G., 120 Liberty, New York. (See adv. opp. next page)

Pneumatic Beading Hammers

CHICAGO PNEUMATIC TOOL CO. ("Boyer"), Fisher bldg, Chicago, Ill., & 95 Liberty, New York. (See adv. front colored page)
Cleveland Pneumatic Tool Co., Cleveland, O.
INGERSOLL-SERGEANT DRILL CO., The ("Haeseler"), 26 Cortlandt, New York. Offices, Old Colony bldg, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 1st av, Seattle, Wash.; Corestine bldg, Montreal, Canada; Mexico City, Calle 2a de Dolores No. 20, Mexico, D. F.; London, Eng., 114a Queen Victoria st; Paris, France, 51 Rue de la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence st; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co.; Lima, Peru, W. R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv opp. page 970)
PHILADELPHIA PNEUMATIC TOOL Co. ("Keller"), 21st & Allegheny av, Phila., Pa.; 149 B'way, New York; Farmers' Bank bldg, Pittsburg, Pa.; 150 Beale, San Francisco, Cal., & Marquette bldg, Chicago, Ill. (See adv. opp. next page)
Railway Appliance Co. ("Q. & C."), Old Colony bldg, Chicago, Ill., & 114 Liberty, New York
RAND DRILL CO. ("Imperial"), 128 B'way, New York, & Monadnock blk, Chicago, Ill. (See adv. opp. this page)
Standard Railway Equipment Co., St. Louis, Mo.
STEEL ROLL MACHINE CO., 8 S Canal, Chicago, Ill. (See adv. index, end of book)

Pneumatic Breast Drills

Empire Engine & Motor Co., Orangeburg, N. Y.
INGERSOLL-SERGEANT DRILL CO., The ("Haeseler"), 26 Cortlandt, New York. Offices—Old Colony bldg, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 1st av, Seattle Wash.; Corestine bldg, Montreal, Canada; Mexico City, Calle 2a de Dolores No. 20, Mexico D. F.; London, Eng., 114a Queen Victoria st; Paris, France, 51 Rue de la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence st; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co.; Lima, Peru, W. R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv. opp. page 970)
RAND DRILL CO. ("Imperial") Breast & Screw Feed), 128 B'way, New York, & Monadnock blk, Chicago, Ill. (See adv. opp. this page)

Pneumatic Center Grinders

Empire Engine & Motor Co., Orangeburg, N. Y.

Pneumatic Chipping & Calking Hammers

CHICAGO PNEUMATIC TOOL CO. ("Boyer"), Fisher bldg, Chicago, Ill., & 95 Liberty, New York. (See adv. front colored page)
CHICAGO TOOL & SUPPLY CO. ("Green," for Metal or Stone), 356 Dearborn, Chicago, Ill. (See adv. on page 972)
Cleveland Pneumatic Tool Co. (New "Cleveland" for Metal), Cleveland, O.
DALLETT, THOS. H. CO., 2303 York, Phila., Pa. (See adv. opp. page 970)
Hudson Machine & Pneumatic Tool Co., Greenwich & Bethune, New York
INGERSOLL-SERGEANT DRILL CO., The ("Haeseler"), 26 Cortlandt, New York. Offices—Old Colony bldg, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 1st av, Seattle Wash.; Corestine bldg, Montreal, Canada; Mexico City, Calle 2a de Dolores No. 20, Mexico D. F.; London, Eng., 114a Queen Victoria st; Paris, France, 51 Rue de la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence st; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co.; Lima, Peru, W. R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv. opp. page 970)
KOTTEN, H. G. (For Stone), 120 Liberty, New York. (See adv. opp. next page)
Leyner, J. Geo. Engineering Works Co., Denver, Colo.
PHILADELPHIA PNEUMATIC TOOL Co. ("Keller," for Stone or Metal), 21st & Allegheny av, Phila., Pa; 149 B'way, New York; Farmers' Bank bldg, Pittsburg, Pa.; Marquette bldg, Chicago, Ill., & 150 Beale, San Francisco, Cal. (See adv. opp. next page)
Railway Appliances Co. ("Q. & C." for Metal), Old Colony bldg, Chicago, Ill., & 114 Liberty, New York
RAND DRILL CO. ("Imperial" for Metal), 128 B'way, New York, & Monadnock blk, Chicago, Ill. (See adv. opp. this page)
Standard Railway Equipment Co., St. Louis, Mo.
STEEL ROLL MACHINE CO., 8 S Canal, Chicago, Ill. (See adv. index, end of book)

Pneumatic Compression Riveters

Allen, John F., 370 Gerard av, New York
CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill., & 95 Liberty, New York. (See adv. front colored page)
GENERAL PNEUMATIC TOOL CO. ("Shepard"), Montour Falls, N. Y. (See adv. opp. page 971)
Hanna Engineering Works, 820 Elston av, Chicago, Ill.
PEDRICK & AYER CO., 85, 87, 89 Liberty, New York. Works, Plainfield, N. J.

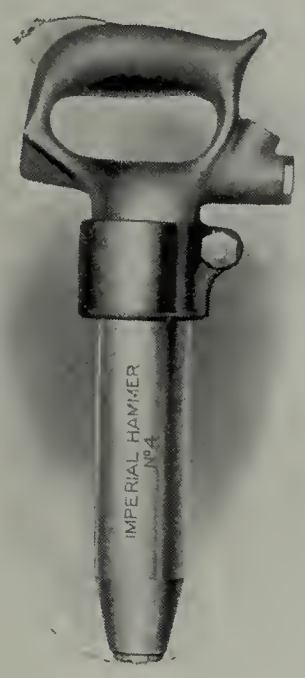
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(See Pneumatic Sand Rammers.)

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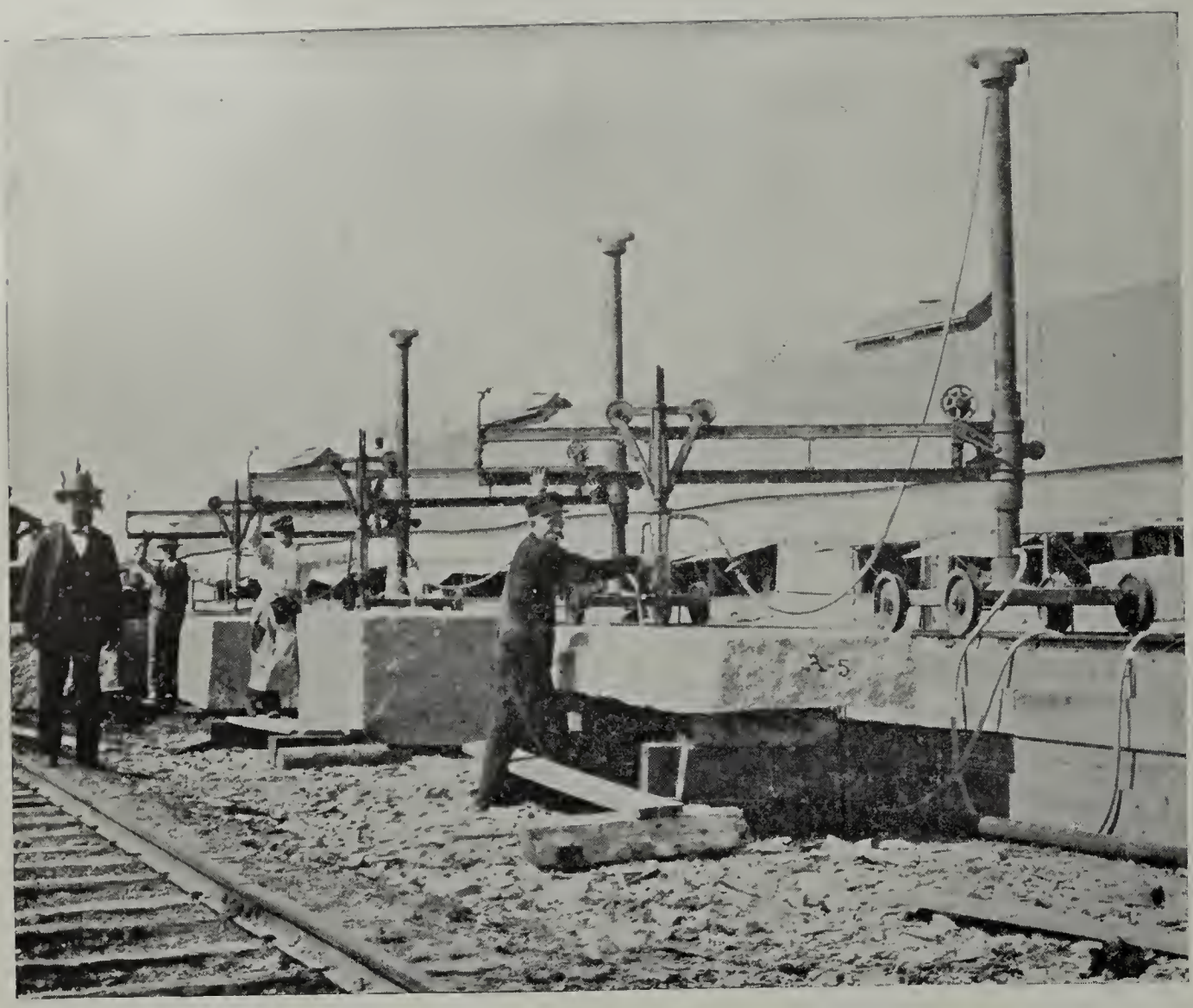
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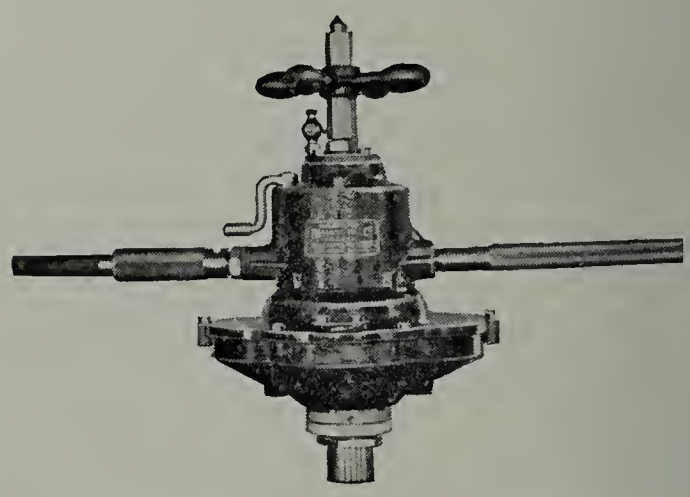
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(See Cranes, Pneumatic.)

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Lee Mfg. Co., Port Huron, Mich.
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Railway Appliances Co. ("Q. & C."), Old Colony bldg, Chicago, Ill., & 114 Liberty, New York
RAND DRILL CO. ("Imperial"), 128 B'way, New York, Monadnock blk, Chicago, Ill. (See adv. opp. preceding page)
Shaw, C. H. Pneumatic Tool Co., Denver, Colo.
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Pneumatic Feather Frills

(See Pneumatic Plug Drillers.)

Pneumatic Flue Cutters

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill., & 95 Liberty, New Yor. (See adv. front colored page)

Pneumatic Flue Rollers

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill., & 95 Liberty, New Yor. (See adv. front colored page)
CHICAGO TOOL & SUPPLY CO., 356 Dearborn, Chicago, Ill. (See adv. page 972)

Pneumatic Forges

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill., & 95 Liberty, New York. (See adv. front colored page)
CHICAGO TOOL & SUPPLY CO. 356 Dearborn, Chicago, Ill. (See adv. on page 972)

Pneumatic Foundry Rammers

(See Pneumatic Sand Rammers.)

Pneumatic Granite Cutters' Tools

(See Pneumatic Stone Cutters' Tools.)

Pneumatic Hammers

Allen, Jno. F., 370 Gerard av, New York
CHICAGO PNEUMATIC TOOL CO. ("Boyer," "Chicago" Riveting), Fisher bldg, Chicago, & 95 Liberty, New York. (See adv. front colered page)
CHICAGO TOOL & SUPPLY CO. ("Green"), 356 Dearborn, Chicago, Ill. (See adv. on page 972)
Cleveland Pneumatic Tool Co., Cleveland, O.
DALLETT, THOS. H. CO., 2303 York, Phila., Pa. (See adv. opp. page 970)
GENERAL PNEUMATIC TOOL CO. ("Shepard Riveting & Clipping), Montour Falls, N. Y. (See adv. opp. page 971)
INGERSOLL-SERGEANT DRILL CO., The ("Haeseler"). 26 Cortlandt, New York. Offices—Old Colony bldg, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 1st av, Seattle Wash.; Corestine bldg, Montreal, Canada; Mexico City, Calle 2a de Dolores No. 20, Mexico D. F.; London, Eng., 114a Queen Victoria st; Paris, France, 51 Rue de la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence st; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co.; Lima, Peru, W. R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv. opp. page 970)
KOTTEN, H. G. (For Stone, Granite & Marble), 120 Liberty, New York. (See adv. opp. this page)
Leyner, J. Geo. Engineering Works Co., Denver, Colo.
MURPHY, CHRISTOPHER & CO. ("Eclipse"), 204 Dearborn, Chicago, Ill. (See adv. index, end of book)
OLDHAM, GEO. & SON (For Stone, Marble & Granite), 4326 Thackawanna, Fkd., Phila., Pa. (See adv. below)
PHILADELPHIA PNEUMATIC TOOL Co. ("Keller"), 21st & Allegheny av, Phila., Pa.; Farmers' Bank bldg, Pittsburg, Pa.; Marquette bldg, Chicago, Ill.; 150 Beale, San Francisco, Cal., & 149 B'way, New York. (See adv. opp. this page)
Railway Appliance Co. ("Q. & C."), Old Colony bldg, Chicago, Ill., 114 Liberty, New York
RAND DRILL CO. ("Imperial" for Metal), 128 B'way, New York, & Monadnock blk, Chicago, Ill. (See adv. opp. preceding page)
Shaw, C. H. Pneumatic Tool Co., 35th & Wazee, Denver, Colo.
Standard Railway Equipment Co., St. Louis, Mo.
STEEL ROLL MACHINE CO., S S Canal, Chicago, Ill. (See adv. index, end of book)

Pneumatic Hoisting Engines

(See Engines, Pneumatic.)

Pneumatic Hoists

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Lee Mfg. Co. (Motor Hoists & Trolley & Hoist Combined). Port Huron, Mich.
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Piling-Krause Air Engine Works, Bucyrus, O.
Railway Appliance Co. ("Q. & C."), Old Colony bldg, Chicago, Ill., & 114 Liberty, New York

RAND DRILL CO. ("Imperial," Piston Air Motor), 128 B'way, New York & Monadnock blk, Chicago, Ill. (See adv. opp. page 968)

Ridgway, Craig & Son Co. (Vertical & Horizontal), Coatesville, Pa.
Rix Compressed Air & Drill Co. (Mine), 396 Mission, San Francisco, Cal.
Standard Railway Equipment Co., St. Louis, Mo.

WHITING FOUNDRY EQUIPMENT Co., Harvey, Ill. (See adv. index, end of book)

Pneumatic Hose Couplings

DALLETT, THOS. H. CO., 2303 York, Phila., Pa. (See adv. opp. this page)

Pneumatic Hydro Riveters

RELIANCE PNEUMATIC TOOL CO., Channing & Franklin avs., St. Louis, Mo. (See adv. opp. next page)

Pneumatic Jacks

CHICAGO PNEUMATIC TOOL CO. Fisher bldg, Chicago, Ill., & 95 Liberty, New York. (See adv. front colored page)

GARRY IRON & STEEL CO. (Car), Cleveland, O. (See adv. index, end of book)

Pneumatic Jam Riveters

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Railway Appliance Co. ("Q. & C."), Old Colony bldg, Chicago, Ill., & 114 Liberty, New York

Pneumatic Lattice Column Riveters

Allen, Jno. F., 370 Gerard av, New York

Pneumatic Motors

CHICAGO PNEUMATIC TOOL CO. Fisher bldg, Chicago, Ill., & 95 Liberty, New York. (See adv. front colored page)

CHICAGO TOOL & SUPPLY CO. 356 Dearborn, Chicago, Ill. (See adv. on page 972)

Dake Engine Co. (Reversible), Grand Haven, Mich.
Draper Mfg. Co. ("McGrath" for Turntables, etc.), Port Huron, Mich.
Empire Engine & Motor Co. (Crane, etc.), Orangeburg, N. Y.

GENERAL PNEUMATIC TOOL CO. ("Shepard" Reversible Back Geared for Cranes, Derricks, Mills, Car Shops, etc.), Montour Falls, N. Y. (See adv. opp. page 971)

HELWIG MFG. CO. (Reversible, Both End & Central Spindle), St. Paul, Minn. (See adv. below)

INGERSOLL-SERGEANT DRILL CO., The ("Haeseler" Reciprocating & Rotary Piston), 26 Cortlandt, N. Y. Offices, Old Colony bldg, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston. Mass.; Fullerton blg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 1st av, Seattle, Wash.; Corestine bldg, Montreal, Canada; Mexico City, Calle 2a de Dolores No. 20, Mexico, D. F.; London, Eng., 114a Queen Victoria st; Paris, France, 51 Rue de la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence st; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co.; Lima, Peru, W .R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv. opp. this page)

Lee Mfg. Co., Port Huron, Mich.
Piling-Kruse Air Engine Works, Bucyrus, O.

RELIANCE PNEUMATIC TOOL CO., (For Wood Boring, etc.), Channing & Franklin avs, St. Louis, Mo. (See adv. opp. next page)

Standard Railway Equipment Co., St. Louis, Mo.

Pneumatic Painting Machines

(See also Paint Spraying Machines.)

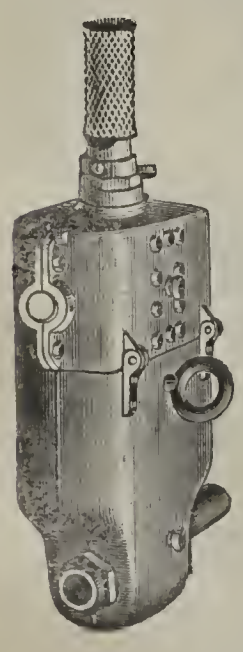
Cleveland Pneumatic Tool Co., Cleveland, O.
Humphryes Mfg. Co., Mansfield, O.

Pneumatic Piston Drills

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill., & 95 Liberty, New York. (See adv front colored page)

Cleveland Pneumatic Tool Co., Cleveland, O.

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They are in use by U. S. Government, prominent railroads and works from which we have repeated orders.

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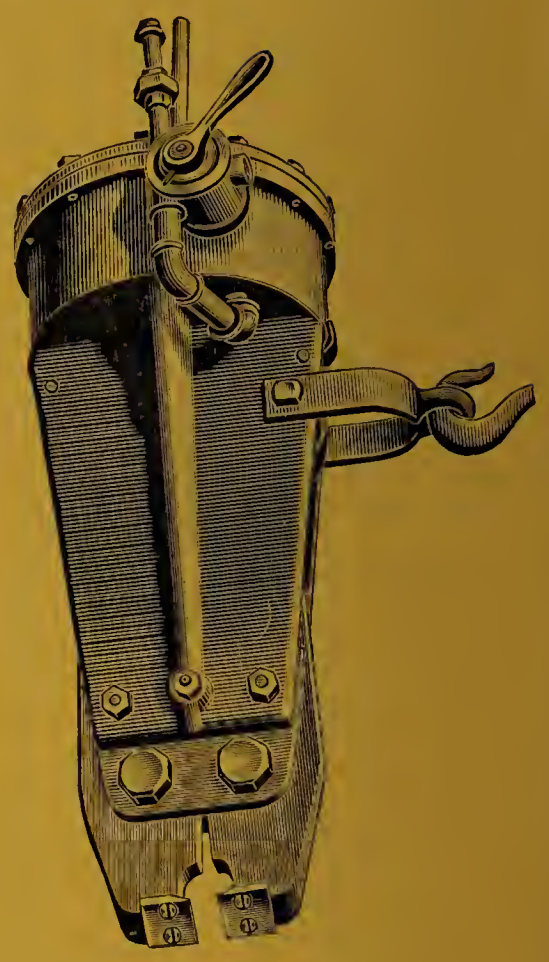
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117-129 THIRD AVENUE.

Evansville, Ind., Mar.16,1904.

S.E.Hendricks Co.,
76 Elm St.,
New York,N.Y.

Gentlemen:

Your favor of the 16th inst. at hand stating that you would forward Directory by express. We also note what you say in regard to writing Mr.Collins in regard to our Heating Boilers. We will take the matter up with him and see what can be done.

We wish also to state that we have used your Commercial Register for a number of years and only lately it was the means of saving us at least $63.00 on one purchase. This came about in the following manner: We were in need of 24 Elevator Forgings. The parties from whom we formerly purchased them asked us about 6½¢ per pound. We then took the list from your Register and wrote to the different works specified in same requesting them to quote us price on the Forgings in question. Among the firms that quoted us was one whose price was 3½¢ per pound. This was a difference of 3¢ per pound on these Forgings and as they weighed about 2100 pounds,it made a saving to us of about $63.00 This is only one instance wherein your Register has saved us money,besides giving us a ready list of manufacturers of goods we frequently use. If you care to use our testimonials in any advertising you are at liberty to do so.

Thanking you for favors shown us,we remain

Yours truly,

GROTE M'F'G CO
Per Wm. Hartman

CABLE ADDRESS LYCAPSIS NEW YORK.
TELEPHONE NEWARK 234
LIEBER'S CODE USED

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EXPORT OFFICE
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TELEPHONE 1930 BROAD

OFFICE & FACTORY, Newark N.J. Dec.2/03

S.E.Hendricks Co.,
76 Elm St.,N.Y.

Gentlemen:-

We should be pleased to have you furnish us with a list of people from whom we could buy coke. We wish to inquire also when we can expect our directory which we ordered sometime ago.

Thanking you in advance for giving this matter your attention.

we remain

Yours very truly,

DOMESTIC SEWING MACHINE COMPANY.

FARREL FOUNDRY & MACHINE CO.

ANSONIA, CONN.

Apr.5,1904.

S.E.Hendricks Co.,
76 Elm St.,New York City.

Dear Sirs:-

We have your kind favor of the 4th advising us that the Pittsburg Reduction Co. have enquired re manufacturers of tin foil machinery.

We build rolling mills for tin foil,and will write these people,and if they are in the market for anything of this sort,shall be pleased to quote them.

Thanking you for your attention,we remain

Yours very truly,

FARREL FOUNDRY & MACHINE CO.

RAND DRILL CO. ("Imperial"), 128 B'way, New York, & Monadnock blk, Chicago, Ill. (See adv. opp. page 968)

Pneumatic Plug Drillers

CHICAGO PNEUMATIC TOOL CO. ("Boyer"), Fisher bldg, Chicago, Ill., & 95 Liberty, New York. (See adv front colored page)
DALLETT, THOS. H. CO., 2303 York, Phila., Pa. (See adv. opp. page 970)
Hudson Machine & Pneumatic Tool Co., Greenwich & Bethune, New York
INGERSOLL-SERGEANT DRILL CO., The, 26 Cortlandt, New York, N. Y. Offices, Old Colony bldg, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 1st av, Seattle, Wash.; Corestine bldg, Montreal, Canada; Mexico City, Calle 2a de Dolores No. 20, Mexico, D. F.; London, Eng., 114a Queen Victoria st; Paris, France, 51 Rue de la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence st; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co.; Lima, Peru, W. R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv. opp. page 970)
KOTTEN, H. G., 120 Liberty, New York. (See adv. opp. page 969)
OLDHAM, GEO. & SON, 4326 Thack-awanna, Fkd., Phila., Pa. (See adv. on page 969)
RAND DRILL CO. ("Imperial"), 128 B'way, New York, & Monadnock blk, Chicago, Ill. (See adv. opp. page 968)
Wood, Warren, Paterson, N .J.

Pneumatic Portable Saws

RELIANCE PNEUMATIC TOOL CO., Channing & Franklin avs, St. Louis, Mo. (See adv. opp. this page)

Pneumatic Pumps

Latta-Martin Pump Co., Hickory, N. C.
PNEUMATIC ENGINEERING CO., 128 B'way, New York
Rhodes. L. E., 28 High, Hartford, Conn.
Roots, P. H. & F. M. Co., Connersville, Ind.

Pneumatic Punches

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill., & 95 Liberty, New York. (See adv front colored page)
RELIANCE PNEUMATIC TOOL CO., (Combination Flange Punching & Riveting Machines), Channing & Franklin avs, St. Louis, Mo. (See adv. opp. this page)
Slocomb, F. F. & Co. ("Caskey" Portable). Wilmington, Del.

Pneumatic Reaming & Tapping Drills

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, & 95 Liberty, New York. (See adv. front colored page)
CHICAGO TOOL & SUPPLY CO., 356 Dearborn, Chicago, Ill. (See adv. page 972)
Empire Engine & Motor Co., Orangeburg, N. Y.
PHILADELPHIA PNEUMATIC TOOL Co., 21st & Allegheny av, Phila., Pa.; 149 B'way, New York; Farmers' Bank bldg, Pittsburg, Pa.; 150 Beale, San Francisco, Marquette bldg, Chicago, Ill. (See adv. opp. page 969)
Railway Appliances Co. ("Q. & C."), Old Colony bldg, Chicago, Ill., & 114 Liberty, New York
RAND DRILL CO. ("Imperial"), 128 B'way, New York, & Monadnock blk, Chicago, Ill. (See adv. opp. page 968)
Standard Railway Equipment Co., St. Louis, Mo.

Pneumatic Rivet Holders

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill., & 95 Liberty, New Fork. (See adv front colored page)

Pneumatic Riveters

Albree, Chester B. Iron Works, 1115 Market, Allegheny, Pa.
Allen, Jno. F. (Percussion & Compression Lever), 370 Gerard av, New York
Bethlehem Foundry & Machine Co., South Bethlehem, Pa.
CHICAGO PNEUMATIC TOOL CO. ("Boyer"), Fisher bldg, Chicago, Ill., & 95 Liberty, New York. (See adv. front colored page)
CHICAGO TOOL & SUPPLY CO., 356 Dearborn, Chicago, Ill. (See adv. page 972)
Cleveland Pneumatic Tool Co., Cleveland, O.
Cleveland Punch & Shear Works Co., 156 Case av, Cleveland, O.
DALLETT, THOS. H. CO., 2303 York, Phila., Pa. (See adv. opp. page 970)
GENERAL PNEUMATIC TOOL CO. ("Shepard" Compression), Montour Falls, N. Y. (See adv. opp. this page)
Hudson Machine & Pneumatic Tool Co., Greenwich & Bethune, New York
INGERSOLL-SERGEANT DRILL CO., The ("Haeseler"), 26 Cortlandt, New York. Offices—Old Colony bldg, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 1st av, Seattle Wash.; Corestine bldg, Montreal, Canada; Mexico City, Calle 2a de Dolores No. 20, Mexico D. F.; London, Eng., 114a Queen Victoria st; Paris, France, 51 Rue de la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence st; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co.; Lima, Peru, W. R. Grace & Co.: St. Petersburg, Russia, Troitzkaya 19. (See adv. opp. page 970)
PEDRICK & AYER CO., 85, 87, 89 Liberty, New York. Works, Plainfield, N. J.
PHILADELPHIA PNEUMATIC TOOL Co. ("Keller"), 21st & Allegheny av, Phila., Pa.; 149 B'way, New York; Farmers' Bank bldg, Pittsburg, Pa.; 150 Beale, San Francisco, Cal., & Marquette bldg, Chicago, Ill. (See adv. opp. page 969)
Railway Appliances Co. ("Q. & C." Hand & Yoke), Old Colony bldg, Chicago, Ill., & 114 Liberty, New York
RAND DRILL CO. ("Imperial"), 128 B'way, New York, & Monadnock blk, Chicago, Ill. (See adv. opp. page 968)
RELIANCE PNEUMATIC TOOL CO., (Hydro, Tank, Bridge & Girder), Channing & Franklin avs, St. Louis, Mo. (See adv. opp. this page)
Slocomb, F. F. & Co. ("Caskey"), Wilmington, Del.
Standard Railway Equipment Co., St. Louis, Mo.
TERRY & TENCH CO. ("Terry" Yoke), Lexington av & 131st, New York. (See adv. index, end of book)

Pneumatic Rock Drills

(See Pneumatic Plug Drillers.)

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill., & 95 Liberty, New York. (See adv. front colored page)
Wood, Warren, Paterson, N. J.

Pneumatic Rotary Drills

Cleveland Pneumatic Tool Co. ("Cleveland" Breast), Cleveland, O.
INGERSOLL-SERGEANT DRILL CO., The ("Haeseler"), 26 Cortlandt, New York. Offices—Old Colony bldg, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 1st av, Seattle Wash.; Corestine bldg, Montreal, Canada; Mexico City, Calle 2a de Dolores No. 20, Mexico D. F.; London, Eng., 114a Queen Victoria st; Paris, France, 51 Rue de la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence st; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co.; Lima, Peru, W. R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv. opp. page 970)
PHILADELPHIA PNEUMATIC TOOL Co., 21st & Allegheny av, Phila., Pa.; 149 B'way, New York; Farmers' Bank bldg, Pittsburg, Pa.; 150 Beale, San Francisco, Cal., & Marquette bldg, Chicago, Ill. (See adv. opp. page 969)

Pneumatic Sand Rammers

Cleveland Pneumatic Co., Cleveland, O.
INGERSOLL-SERGEANT DRILL CO., The, 26 Cortlandt, New York, N. Y. Offices, Old Colony bldg, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 1st av, Seattle, Wash.; Corestine bldg, Montreal, Canada; Mexico City, Calle 2a de Dolores No. 20, Mexico, D. F.; London, Eng., 114a Queen Victoria st; Paris, France, 51 Rue de la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence st; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co.; Lima, Peru, W. R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv. opp. page 970)
PHILADELPHIA PNEUMATIC TOOL Co., 21st & Allegheny av, Phila., Pa.; 149 B'way, New York; Farmers' Bank bldg, Pittsburg, Pa.; 150 Beale, San Francisco, Cal., & Marquette bldg, Chicago, Ill. (See adv. opp. page 969)

Pneumatic Scaling Hammers

(For Scaling Castings, etc.)

CHICAGO PNEUMATIC TOOL CO. ("Boyer"), Fisher bldg, Chicago, Ill., & 95 Liberty, New York. (See adv. front colored page)
CHICAGO TOOL & SUPPLY CO. ("Green"), 356 Dearborn, Chicago, Ill. (See adv. on page 972)
INGERSOLL-SERGEANT DRILL CO., The ("Haeseler"), 26 Cortlandt, New York. Offices—Old Colony bldg, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 1st av, Seattle Wash.; Corestine bldg, Montreal, Canada; Mexico City, Calle 2a de Dolores No. 20, Mexico D. F.; London, Eng., 114a Queen Victoria st; Paris, France, 51 Rue de la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence st; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co.; Lima, Peru, W. R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv. opp. page 970)
RAND DRILL CO. ("Imperial"), 128 B'way, New York, & Monadnock blk, Chicago, Ill. (See adv. opp. page 968)

Pneumatic Screen Shakers

Hanna Engineering Works, 820 Elston av, Chicago, Ill.

Pneumatic Staybolt Breakers

RELIANCE PNEUMATIC TOOL CO., Channing & Franklin avs, St. Louis, Mo. (See adv. opp. page 971)

Pneumatic Staybolt Clippers

HELWIG MFG. CO., St. Paul, Minn., (Sec adv. on page 970)
CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, & 95 Liberty, New York. (See adv. front colorcd page)

Pneumatic Staybolt Cutters

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, & 95 Liberty, New York. (See adv. front colored page)
RELIANCE PNEUMATIC TOOL CO., Channing & Franklin avs, St. Louis, Mo. (See adv. opp. page 971)
Standard Railway Equipment Co., St. Louis, Mo.

Pneumatic Stone Carving Tools

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill., & 95 Liberty, New York. (See adv. front colored page)
CHICAGO TOOL & SUPPLY CO. ("Green"), 356 Dearborn, Chicago. Ill. (See adv. below)
DALLETT, THOS. H. CO., 2303 York, Philadelphia, Pa. (Sce adv. opp. page 970)
KOTTEN, H. G., 120 Liberty, New York. (See adv. opp. page 969)
OLDHAM, GEO. & SON, 4326 Thack-awanna, Fkd., Phila., Pa. (See adv. on page 969)
PHILADELPHIA PNEUMATIC TOOL Co., 21st & Allegheny av, Phila., Pa.; 149 B'way, New York; Farmers' Bank bldg, Pittsburg, Pa.; 150 Beale, San Francisco, Cal., & Marquette bldg, Chicago, Ill. (See adv. opp. page 969)
RAND DRILL CO. ("Imperial"), 128 B'way, New York, &Monadnock blk, Chicago, Ill. (See adv. opp. page 968)

Pneumatic Stone Cutters' Tools

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, & 95 Liberty, New York. (See adv. front colored page)
CHICAGO TOOL & SUPPLY CO. ("Green"), 356 Dearborn, Chicago. Ill. (See adv. below)
DALLETT, THOS. H. CO., 2303 York, Phila., Pa. (See adv. opp. page 970)
KOTTEN, H. G., 120 Liberty, New York. (See adv. opp. page 969)
OLDHAM, GEO. & SON, 4326 Thack-awanna, Fkd., Phila., Pa. (See adv. on 969)

PHILADELPHIA PNEUMATIC TOOL Co., 21st & Allegheny av, Phila., Pa.; 149 B'way, New York; Farmers' Bank bldg, Pittsburg, Pa.; 150 Beale, San Francisco, Cal., & Marquette bldg, Chicago, Ill. (See adv. opp. page 969)
Railway Appliances Co. ("Q. & C."), Old Colony bldg, Chicago, Ill., & 114 Liberty, New York

Pneumatic Stone Surfacing Machines

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill., & 95 Liberty, New York. (See adv. front colored page)
DALLETT, THOS. H. CO., 2303 York, Phila., Pa. (See adv. opp. page 970)
KOTTEN, H. G., 120 Liberty, New York. (See adv. opp. page 969)
OLDHAM, GEO. & SON, 4326 Thack-awanna, Fkd., Phila., Pa. (See adv. on page 969)

Pneumatic Tool Lubricants

CHICAGO TOOL & SUPPLY CO. 356 Dearborn, Chicago, Ill. (See adv. below)
Fanning, Jas. L. ("Pneulubric"), 23 S 5th. Phila., Pa.
Houghton, E. F. & Co., 240 Somerset, Phila., Pa.

Pneumatic Tool Lubricators

Carron, A. M. & Co., 108 Market, Pittsburg, Pa.
CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill., & 95 Liberty, New York. (See adv. front colored page)

Pneumatic Tool Repairing

(Repairing of All Makes.)

DALLETT, THOS. H. CO., 2303 York, Phila., Pa. (See adv. opp. page 970)

Pneumatic Tools

Aurora Automatic Machinery Co., Aurora, Ill.
CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, & 95 Liberty, New York. (Sec adv. front colored page)
CHICAGO TOOL & SUPPLY CO. ("Green"), 356 Dearborn, Chicago, Ill. (See adv. below)
Cleveland Pneumatic Tool Co., Cleveland, O.
Columbus Pneumatic Tool Co., Columbus, O.
DALLETT, THOS. H. CO., 2303 York, Phila., Pa. (Sec adv. opp. page 970)
Empire Engine & Motor Co., Orangeburgh. N. Y.
GENERAL PNEUMATIC TOOL CO. ("Shepard"), Montour Falls, N. Y. (See adv. index, end of book)

HELWIG MFG. CO., St. Paul, Minn., (See adv. on page 970)
Hudson Machine & Pneumatic Tool Co., cor. Greenwich & Bethune, New York
Imperial Pneumatic Tool Co., Athens, Pa.
INGERSOLL-SERGEANT DRILL CO., The ("Haeseler"), 26 Cortlandt, New York, N. Y. Offices—Old Colony bldg, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 1st av, Seattle, Wash.; Corestine bldg, Montreal, Canada; Mexico City, Calle 2a De Dolores No. 20, Mexico D. F.; London, Eng., 114a Queen Victoria st; Paris, France, 51 Rue de la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence st; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box, 1809; Valparaiso, Chili, W. R. Grace & Co.; Lima, Peru, W. R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv. opp. page 970)
KOTTEN, H. G., 120 Liberty, New York. (See adv. opp. page 969)
Lee Mfg. Co., PortHuron, Mich.
OLDHAM, GEO. & SON, 4326 Thack-awanna, Fkd., Phila., Pa. (See adv. on page 969)
PEDRICK & AYER CO., 85 Liberty, New York. Works, Plainfield, N. J.
PHILADELPHIA PNEUMATIC TOOL Co. ("Keller"), 21st & Allegheny av, Phila., Pa.; 149 B'way, New York; Farmers' Bank bldg, Pittsburg, Pa.; 150 Beale, San Francisco, Cal., & Marquette bldg, Chicago, Ill. (See adv. opp. page 969)
Railway Appliance Co. (Q. & C.), Old Colony bldg, Chicago, Ill., & 114 Liberty, New York
RAND DRILL CO. ("Imperial"), 128 B'way, New York, & Monadnock blk, Chicago, Ill. (See adv. opp. page 968)
Slocomb, F. F. & Co., (Punches & Riveters), Wilmington, Del.
Standard Railway Equipment Co. (The Monarch), St. Louis, Mo.
STEEL ROLL MACHINE CO., 8 S Canal, Chicago, Ill. (See adv. index, end of book)

Pneumatic Trolley Hoists

Curtis & Co. Mfg. Co., 2203 Wash'n av, St. Louis, Mo.
Lee Mfg. Co., Port Huron, Mich.

Pneumatic Tubes

American Tube Works, 20 Gold, New York
Bostedo Pneumatic Tube Co., 159 La Salle, Chicago, Ill.
Lamson Consolidated Store Service Co., 204 Dearborn, Chicago, Ill.; Lowell, Mass., & 41 Union sq, New York
Miles, Geo., 370 Atlantic av, Boston, Mass.

PISTON AIR DRILLS

Built in all sizes.



We manufacture the latest improved riveting, chipping and calking Hammers on the market.

ONLY 10 PARTS.



"GREEN" LONG STROKE RIVETING HAMMER.

Suitable for

DRILLING,
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TAPPING,
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ETC.

Pneumatic Hammers, Drills, Hoists, Appliances, Air Compressors, Hose and Supplies.

CHICAGO TOOL & SUPPLY CO.

356 Dearborn St., CHICAGO, U. S. A.

Miles Pneumatic Tube Co., 1123 B'way, New York
Pearsall Pneumatic Tube & Power Co., 52 B'way, New York
Pneumatic Trans. Co., Witherspoon bldg, Philadelphia, Pa.

Pneumatic Tubes & Caissons for Bridge Piers

Builders' Iron Foundry, Providence, R. I.

Pneumatic Winches

Empire Engine & Motor Co., Orangeburg, N. Y.

Pneumatic Winding Drums

CHICAGO PNEUMATIC TOOL CO. Fisher bldg, Chicago, Ill., & 95 Liberty, New York. (See adv. front colored page)
Lee Mfg. Co., Port Huron, Mich.

Pneumatic Wood Boring Machines

CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, & 95 Liberty, New York. (See adv. front colored page)
CHICAGO TOOL & SUPPLY CO., 356 Dearborn, Chicago, Ill. (See adv. page 972)
Empire Engine & Motor Co., Orangeburg, N. Y.
INGERSOLL-SERGEANT DRILL CO., The ("Haeseler"), 26 Cortlandt, New York, N. Y. Offices—Old Colony bldg, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 1st av, Seattle, Wash.; Corestine bldg, Montreal, Canada; Mexico City, Calle 2a De Dolores No. 20, Mexico D. F.; London, Eng., 114a Queen Victoria st; Paris, France, 51 Rue de la Chausee D'Antin; Berlin, Germany. Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence st; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg. South Africa, P. O. Box, 1809; Valparaiso, Chili, W. R. Grace & Co.; Lima, Peru, W. R. Grace & Co.; St. Petersburg, Russia. Troitzkaya 19. (See adv. opp. page 970)
PHILADELPHIA PNEUMATIC TOOL Co., 21st & Allegheny av, Phila., Pa.; 149 B'way, New York; Farmers' Bank bldg, Pittsburg, Pa.; 150 Beale, San Francisco, Cal., & Marquette bldg, Chicago, Ill. (See adv. opp. page 969)
Railway Appliances Co. ("Q. & C."), Old Colony bldg, Chicago, Ill., & 114 Liberty, New York
RAND DRILL CO. ("Imperial"), 128 B'way, New York, & Monadnock blk, Chicago, Ill. (See adv. opp. page 968)
Standard Railway Equipment Co., St. Louis, Mo.

Pneumatic Yoke Riveters

Allen, John F., 370 Gerard av, New York
INGERSOLL-SERGEANT DRILL CO., The ("Haeseler"), 26 Cortlandt, New York, N. Y. Offices—Old Colony bldg, Chicago, Ill.; Williamson bldg, Cleveland, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg, St. Louis, Mo.; 1718 Cali-Fullerton bldg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 1st av, Seattle, Wash.; Corestine bldg, Montreal, Canada; Mexico City, Calle 2a De Dolores No. 20, Mexico D. F.; London, Eng., 114a Queen Victoria st; Paris, France, 51 Rue de la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence st; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box, 1809; Valparaiso, Chili, W. R. Grace & Co.; Lima, Peru, W. R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv. opp. page 970)
PHILADELPHIA PNEUMATIC TOOL Co., 21st & Allegheny av, Phila., Pa.; 149 B'way, New York; Farmers' Bank bldg, Pittsburg, Pa.; 150 Beale, San Francisco, Cal., & Marquette bldg, Chicago, Ill. (See adv. opp. page 969)
Railway Appliances Co. ("Q. & C."), Old Colony bldg, Chicago, Ill., & 114 Liberty, New York
TERRY & TENCH CO. (Inc.) ("Terry"), Lexington av & 131st, New York. (See adv. index, end of book)

Pockets (Cold Storage)

Williamsport Clutch & Pulley Co., Williamsport, Pa.

Pockets (Cotton Waste)

Knapp Mfg. Co., 24 Frankfort, New York

Points (Cultivator)

Harrow Spring Co., Kalamazoo, Mich.
Mason, F. C. & Co. (Spring Tooth, Single & Double Pointed, Wheel, etc.), St. Johns, Mich.

Points (Drive Well)

Mark Mfg. Co., Evanston, Ill., & Chicago, Ill.
Rumsey & Co. (Ltd.) (Inc.), Seneca Falls, N. Y.

Points (Glaziers')

Anchor Nail & Tack Works, S 19th & Merrimac, Pittsburg, Pa.
Atlas Tack Co., Fairhaven, Mass.
Austin & Eddy, 117 Broad, Boston, Mass.
Hubbard & McClary, Windsor, Vt.
Humphrey, H. W., Unionville, Conn.
Phillips, E. & Sons, S Hanover, Mass.
Shelton Co., Derby, Conn.

Points (Grain Drill)

Hart, R. R., Greenville, O.
Whitman & Barnes Mfg. Co., West Pullman, Chicago, Ill., Akron, O., & 111 Chambers, New York

Points (Plow)

Havana Metal Wheel Co., Havana, Ill.

Points (Sparking)

Baker Mfg. Co. (for Gas Engines, etc.), Newark, N. J.

Points (Well)

(See Points, Drive Well.)

Pokers (Stove)

Dover Stamping & Mfg. Co., Cambridge, Mass.
Federal Mfg. Co., Elyria, O.
Ireland & Matthews Mfg. Co., Detroit, Mich.

Pole Arm Braces

(See Braces, Pole Arm.)

Pole Protectors

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Diamond State Steel Co., Wilmington, Del.
Hubbard & Co., Murtland bldg, Pittsburg, Pa.
Lanz, M. & Sons (Protection Strips), 101 S 29th, Pittsburg, Pa.
Oliver Iron & Steel Co., Pittsburg, Pa.

Pole Risers)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)

Pole Steps

American Bolt Co., Lowell, Mass.
American Iron & Steel Mfg. Co., Lebanon, Pa.
AMERICAN STEEL & WIRE CO., Rookery bldg, Chicago; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & San Francisco, Cal. (See adv. index, end of book)
ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Boston Bolt Co., Boston, Mass.
Cutter, Geo. Co. (Removable), 129 Fulton, Chicago, Ill.
Diamond State Steel Co., Wilmington, Del.; Phila., Pa., & 29 B'way, N. Y.
Hoopes & Townsend Co., 1330 Buttonwood, Phila., Pa.
Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lanz, Matthew & Sons, 101 S 29th, Pittsburg, Pa.
Metropolitan Bolt Co., 148 Purchase, Boston, Mass.
Michigan Bolt & Nut Works, Detroit, Mich., & 205 La Salle, Chicago
Moran Bolt & Nut Mfg. Co., St. Louis, Mo.
Ohio Brass Co., Mansfield, O.
Old Dominion Iron & Nail Works Co., Richmond, Va.
Oliver Iron & Steel Co., Pittsburg, Pa.
Republic Iron & Steel Co. General Offices, First Natl. Bank bldg, Chicago, Ill.
Rockford Bolt Works, Rockford, Ill.
Safety Electric Switch Co. (Detachable), Providence, R. I.

Pole Top Equipment

Diamond State Steel Co., Wilmington, Del.

*Poles (Curtain)

CUTLER, W. H. (Standard Ringless Interior "Diamond"), 1 Madison av, New York
Judd, H. L. Co. (Wood), 87 Chambers, New York

Poles (Flag & Clothes)

(See Ties, Poles & Posts.)

Poles (Iron & Steel Trolley)

(See also Ties, Poles & Posts.)

American Union Electric Co., 15 Cortlandt, N. Y.
Anderson, Albert & J. M. Mfg. Co. (Dealers) 289 A, South Boston, Boston, Mass.
Central Electric Co., 268 Fifth av, Chicago
Electric Railway Equipment Co., 431 E Front, Cincinnati, O.
Falk Company, Milwaukee, Wis.
Federal Mfg. Co., Elyria, O.
Franklin Rolling Mill & Foundry Co. ("Tripartite Steel Poles"). Franklin, Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, N. Y. (See adv. index, end of book)
Harrington, Robinson & Co., 272 Franklin, Boston, Mass.
Mayer & Englund Co., 1124 Filbert, Phila., Pa.
National Tube Co., Pittsburg, Pa., & 24 State, New York

NUTTALL, R. D. CO. (Drawn Steel), Fayette & Garrison pl, Pittsburg, Pa.
Ohio Brass Co., Mansfield, Ohio
Pittsburg Trolley Pole Co., 115 Water, Pittsburg, Pa.
Pressed Steel Pole Co., Pittsburg, Pa.
Shelby Steel Tube Co., Frick bldg, Pittsburg, Pa., & 24 State, New York
Simonds Mfg. Co., 25th & Liberty, Pittsburg, Pa.
Stover Mfg. Co., Freeport, Ill.
Supply Mfg. Co., Pittsburg, Pa.
Walton Iron Co., Spring Grove av, Cincinnati, O.
Walworth Mfg. Co., 132 Federal, Boston, Mass.
Wisconsin Bridge & Iron Co., Pabst bldg, Milwaukee, Wis., & Chicago, Ill.

Poles (Pike)

Champion Tool & Handle Works, Evart, Mich.
Dicke Tool Co., Downer's Grove, Ill.
Klein, Mathias & Son (Guarded or Plain), 87 W Van Buren, Chicago, Ill.
Sanford Logging Tool Co., Oshkosh, Wis.
Oshkosh Logging Tool Co., Oshkosh, Wis.

Poles & Posts (Wood)

(See Ties, Poles & Posts, Also Poles, Iron & Steel Trolley; Also Lumber, Piling & Heavy Timber.)

Porcelain Specialties (Electrical, Mechanical, etc.)

Brian Pottery Co., Trenton, N. J.
Brunt, G. F. Porcelain Works, East Liverpool, O.
Diamond Porcelain Co., Trenton, N. J.
Electric Porcelain & Mfg. Co., Trenton, N. J.
Empire China Works, 150 Green, Brooklyn, N. Y.
Greenwood Pottery Co., Trenton, N. J.
Imperial Porcelain Works, Trenton, N. J.
Pass & Seymour (Electrical Only), Solray, Syracuse, N. Y.
Standard China Works (Warren Kimble, Prop'r), Trenton, N. J.
Thomas, R. & Sons Co., East Liverpool, O.
Union Electrical Porcelain Works, Trenton, N. J.
Union Porcelain Works, 300 Eckford, Brooklyn, N. Y.

Porch Columns

(See Columns, Porch, etc.)

Port Lights (Ship)

Adams & Westlake Co., Ontario & N Franklin, Chicago, Ill.; 2042 N 10th, Phila., Pa., & 26 Cortlandt, New York

Portable Houses

American Steel Houes Co. (Steel), 796 11th av, New York
AMOS, CHARLES & CO., 94 W Larned, Detroit, Mich. (See adv. index, end of book)
Ducker Co. (Iron & Wood), 277 B'way, N. Y.
Iron Cottage Co. Grand Rapids, Mich.
Knapp Portable Bldg. & Construction Co., 569 5th av, N. Y.
Mershon & Morley Co. (Cottages, Houses, Cabins, Ranches, Depots, Baths, Hospitals, etc., Portable for all uses; also Portable Double Folding Beds, etc.), Saginaw, Mich.
Smith, H. W., 66 B'way, N. Y.
Squires, Henry C. & Son (Houses, Cottages, Hospitals, etc., without Nail or Screw), 20 Cortlandt, New York

Portable Railway Tracks

(See Railways, Portable & Industrial.)

Post Caps

AMOS, CHAS. & CO., 94 W Larned, Detroit, Mich. (See adv. index, end of book)
DUPLEX HANGER CO., 256 Superior, Cleveland, O. (See adv. index, end of book)
VARIETY MFG. CO., 77 W Lake, Chicago, Ill. (See adv. index, end of book)

Post Cases

AMOS, CHAS. & CO., 94 W Larned, Detroit, Mich. (See adv. index, end of book)
DUPLEX HANGER CO., 256 Superior, Cleveland, O. (See adv. index, end of book)

Post Collars

VARIETY MFG. CO. (Mulvey), 77 W W Lake, Chicago, Ill. (See adv. index, end of book)

Post-Hole Diggers

(See Diggers, Post Hole.)

Post Office Equipments

Waddell Woodenware Works Co. (Routing Tables, Distributing Cases, etc.), Greenfield, O.
Yale & Towne Mfg. Co., Stamford, Conn.; 9 Murray, New York; 12 Pearl, Boston, Mass.; Witherspoon bldg, Phila., Pa., & 131 Wabash av, Chicago, Ill., & Hayward bldg, San Francisco, Cal.

Posts (Arc Lamp)

Cutter, Geo. Co., 129 Fulton, Chicago, Ill.
Electric Railway Equipment Co., 431 E Front, Cincinnati, O.
Fiske, J. W., 39 Park pl, N. Y.
Mott, J. L. Iron Works, 88 Beekman, N. Y., Boston, Mass.; Phila., Pa., and Chicago, Ill.
National Tube Co., Frick bldg, Pittsburg, Pa., & 24 State, New York
Westervelt, A. B. & W. T., 102 Chambers, N. Y.

Posts (Binding)

Ansonia Electrical Co., Ansonia, Conn.
Bridgeport Brass Co., Bridgeport, Conn., & 19 Murray, N. Y.
Bryant Electric Co., Bridgeport, Conn.
Bunnell, J. H. & Co., 20 Park pl, N. Y.
Cleveland Automatic Machine Co., 131 2d av, Cleveland, O.
Corbin Screw Corporation, 15 Murray, New York; 104 Lake, Chicago, Ill., & 925 Market, Phila., Pa.
Electric Gas Lighting Co., 115 Purchase, Boston, Mass.
Electric Railway Switch & Supply Co., Springfield, Mass.
Hartford Machine Screw Co., Hartford, Conn.
International Brass & Electric Co. (Brass, etc.), 76 Beekman, N. Y.
Partrick, Carter & Wilkins, 1231 Callowhill, Phila., Pa.
Peru Electric Mfg. Co., Peru, Ind.
Republic & Iron & Steel Co., First Natl. Bank bldg, Chicago, Ill., & Manhattan Life bldg, New York
St. Louis Screw Co., 600 E Clarence, St. Louis, Mo.
Turner Brass Works, Franklin & Michigan, Chicago, Ill.
Western Electric Co., 259 S Clinton, Chicago, & 57 Bethune, N. Y.

Posts (Car Bumping)

McCord & Co. ("Gibralter"), Old Colony bldg, Chicago, & 24 Broad, New York Chicago, & 100 B'way, N. Y.
Mechanical Mfg. Co. ("Ellis"), Union Stock Yards, Chicago, Ill.
Railroad Supply Co. (Ellis Patent), Bedford bldg, Chicago, & 143 Liberty, New York
Railway Appliances Co., Old Colony bldg, Chicago, Ill., & 114 Liberty, N. Y.
Stowell Mfg. & Foundry Co. (Cast Iron), South Milwaukee, Wis.

Posts (Cement)

American Cement Post Co., Athens, Mich.
Durable Cement Post Co., Battle Creek, Mich.
McMaster, Henry (Combination of Concrete & Steel), 33 Rosedale ct, Detroit, Mich.

Posts (Fence, Wood)

STEARNS, A. T. LUMBER CO., Neponset, & 166 Devonshire, Boston, Mass. (See adv. index, end of book)

Posts (Hitching)

AMOS, CHAS. & CO., 94 W Larned, Detroit, Mich. (See adv. index, end of book)
Barber Mfg. Co. (Painted & Bronzed), Ashtabula, O.
Belmont Iron Works, 22d & Wash'n av, Phila., Pa.
Bethlehem Foundry & Machine Co., South Bethlehem, Pa.
Bloomfield Mfg. Co., Bloomfield, Ind.
CHAMPION IRON CO., Kenton, O. (See adv. index, end of book)
Cheney, S. & Sons (Cast Iron), Manlius, N. Y.
Comstock, Geo. S., Mechanicsburg, Pa.
Cuyahoga Wire & Fence Co. ("Hartman," Iron), New Castle, Pa.
Dutton, E. Q. & Co., Cato, N. Y.
Enterprise Foundry & Fence Co., Indianapolis, Ind.
Gale Mfg. Co., Albion, Mich.
Glen Mfg. Co. (Steel), Ellwood City, Pa.
Gowanda Agricultural Works Co. (Cast Iron), Gowanda, Pa.
Hayes Pump & Planter Co. (Ornamental Cast Iron), Galva, Ill.
International Steel Post Co. (Steel), 719 Chestnut, St. Louis, Mo.
National Novelty Corp'n, 826 B'way, New York
Smith Mfg. Co., Waynesboro, Pa.
Stover Mfg. Co., Freeport, Ill.
Weller Hardware & Foundry Co. (Cast Iron), Horseheads, N. Y.

Posts (Hitching, Wood)

Morse Cedar Co. (White Cedar), Saginaw, Mich.

Posts (Indicator)

American Valve Co., Coxsackie, N. Y.
Bourbon Copper & Brass Works, 618 Front, Cincinnati, O.
Eddy Valve Co., Waterford, N. Y.
Glamorgan Pipe & Foundry Co., Lynchburg, Va.
Kennedy Valve Mfg. Co., 57 Beekman, New York, & Coxsackie, N. Y.

Posts (Iron & Steel Fence)

Acme Fence & Foundry Co., New Albany, Ind.
Adams, W. J. (Steel), Joliet, Ill.
American Steel Post Co., Canton, O.
AMOS, CHAS. & CO., 94 W Larned, Detroit, Mich. (See adv. index, end of book)
Avery Stamping Co. (Steel), Cleveland, O.
Bloomfield Mfg. Co., Bloomfield, Ind.
Bond Steel Post Co., Adrian, Mich.
Chicago Steel Co., Hammond, Ind.
Childers & Harker (Iron), Carbondale, Ill.
Climax Fence Post Co. (Base made of Vitrified Shale Clay), 204 Dearborn, Chicago, Ill.
Common Sense Fence Co., Homer, Mich.
Cornell, J. B. & J. M. Co., 26th & 11th av, New York
Cuyahoga Wire & Fence Co., New Castle, Pa.
De Kalb Fence Co., De Kalb, Ill.
Dwiggins Wire Fence Co., Anderson, Ind.
Enterprise Foundry & Fence Co., Indianapolis, Ind.

Harmon, L. B. & Son (Steel), Rosewood, O.
Illinois Fence Machine Co. (Steel), Leroy, Ill.
Illinois Wire Co., Chicago, Ill.
Indestructible Post Co. (With Cement Foundations for Railroad Fences, etc.), First Natl. Bank bldg, Chicago, Ill.
International Steel Post Co., 719 Chestnut, St. Louis, Mo.
Kokomo Fence Machine Co., Kokomo, Ind.
Missouri Anchor Fence Co., St. Joseph, Mo.
Myers, Chas. H. & Co. (Steel), Leroy, Ill.
National Steel & Wire Co., New Haven, Conn., & 144 Liberty, New York
Ohio Structural Iron Co., Sandusky, O.
Ornamental Iron & Wire Co. (Inc.), Portsmouth, Va.
Railroad Supply Co. (Steel for Railway Fences), Bedford bldg, Chicago, & 145 Liberty, New York
Rogers Iron Co., Springfield, O.
Schwab, R. J. & Sons Co., Milwaukee, Wis.
STOWELL MFG. & FOUNDRY CO. (Iron), South Milwaukee, Wis. (See adv. index, end of book)

Posts (Railway Signal)

BUDA FOUNDRY & MFG. CO., Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
Climax Fence Post Co., 204 Dearborn, Chicago, Ill.

Posts (Steel Fence)

(See Posts Iron & Steel Fence.)

Chicago Steel Mfg. Co., Hammond, Ind.

Potash

Billings, Clapp & Co., Boston, Mass.
Brower, Jno. & Co., 16 Water, N. Y.
Hirsh, Leon & Son (Pearl Ash), 368 G'wich, N. Y.
Jones, Enos F. Chemical Co. (Pearl Ash), 51 Jay, N. Y.
Mallinckrodt Chemical Works, St. Louis, Mo., & 90 William, New York
N. Y. Chemical Works, 48 W B'way, N. Y.
N. Y. Lye Co., 398 B'way, N. Y.
Penna. Salt Mfg. Co., Phila., Pa.
Powers & Weightman, Phila., Pa.
Roessler & Hasslacher Chemical Co. (Prussiate, Carbonate, Caustic, Chlorate, etc.), 100 William, N. Y.
Solvay Process Co. (Caustic), Syracuse, N. Y.
Wiarda, Jno. & Co. (Caustic), 273 Green, Brooklyn, N. Y.

Potato Coverers & Hillers

Allen, S. L. & Co. (Planet, Jr.), 1017 Market, Phila., Pa.
Caledonia Bean Harvester Works, Caledonia, N. Y.
Champion Drill Co., Avon, N. Y.
Champlain Agricultural Works (Palmer Hoe & Coverer), Champlain, N. Y.
Dorsch, John & Sons (Combination Hiller & Digger), Milwaukee, Wis.
Doughten, H. W. (Darnell's Furrower & Coverer), Moorestown, N. J.
Eddy, W. Plow Co. (Coverer), Greenwich, N. Y.
Everts & Andrews (Hiller), Meridian, N. Y.
Hirsch Bros. (Hillers), Milwaukee, Wis.
Husey Plow Co., N Berwick, Me.
Le Roy Plow Co., Le Roy, N. Y.
Munnsville Plow Co., Munnsville, N. Y.
New York Agricultural Co., Boonton, N. J., & 51 Cliff, N. Y. city
Nowviock, J. H. & Sons (Coverer & Digger), Bloomsburg, Pa.
Rowell, I. B. & Co. (Hillers), Menominee Falls, Wis.
Sweet, Geo. Mfg. Co. (Hiller), Dansville, N. Y.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Yorks, W. R., Honeoye Falls, N. Y.

Potato Smashers

Erie Specialty Co., Erie, Pa.

Potato Sorters

Aspinwall Mfg. Co., Jackson, Mich.
Denver Iron & Wire Works Co. (Screens), Denver, Col.
Dowden Mfg. Co., Prairie City, Ia.
Hench & Dromgold Co. (Peach & Potato Sorter), York, Pa.
Hoover, Prout & Co., Avery, O.
Johnston, A. H., Lucerne, Col.
Miller Bros. (Picker), Rochester, Mich.
Nowviock, J. H. & Sons (Separator & Grader), Bloomsburg, Pa.

Pots (Annealing)

Cornell, J. B. & J. M. Co., 26th & 11th av, New York
MacKenzie, Duncan, Trenton, N. J.

Pots (Chemical)

Bethlehem Foundry & Machine Co. (Cast Iron), South Bethlehem, Pa.
Caroline Iron Works (Cast Iron Nitre Pots), 723 S Caroline, Baltimore, Md.
Cornell, J. B. & J. M. Co., 26th & 11th av, New York

Pots (Fire)

Fulton Iron Works, Detroit, Mich.
Hull, J. S. Mfg. Co. ("Hull" Patent for Canners, etc.), Baltimore, Md.

Pots (Galvanizing)

Reeves Bros. Co. (Riveted & Welded), Alliance, O.

Pots (Glass)

Ohio Valley Clay Co., Steubenville, O.
Pittsburg Clay Pot Co., Allegheny, Pa.

Pots (Glue)

American Electrical Heater Co. (Electric), 195 River, Detroit, Mich.
Stuart & Peterson Co. (Porcelain Lined), Burlington, N. J.

Pots (Lead)

Eastwood Wire Mfg. Co., Belleville, N. J.

Pots (Marking)

Geuber & Paeschke Mfg. Co. (Pieced Tin), Milwaukee, Wis.

Pots (Melting)

Crane, W. M. Co. ("Vulcan"), 1133 B'way, N. Y.
Glenn Mfg. Co., St. Charles, Ill.

Pots (Mixing)

Graham, Chas. (Stoneware), 986 Met. av, Brooklyn, N. Y.

Pots (Paste)

Grammes, L. F. & Sons (Stoneware Glazed), Allentown, Pa.

Pots (Slag)

Eastwood Wire Mfg. Co., Belleville, N. J.
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.

Pots (Soldering)

A. D. Mfg. Co. ("Romeyn" Gasoline), Detroit, Mich.
American Electrical Heater Co. (Electric), Detroit, Mich.
Bernz, Otto, S 13th c S Orange av, Newark, N. J.
Glenn Mfg. Co., St. Charles, Ill.
Modern Iron Works, Quincy, Ill.

Pots (Tallow)

Gem Mfg. Co. ("Gem" Heavy Brazed Steel), Pittsburg, Pa.

Pots (Watering)

Dover Stamping & Mfg. Co., Cambridge, Mass.
Geuber & Paeschke Mfg. Co. (Galvanized Iron, etc.), Milwaukee, Wis.

Powder Mfrs.

Aetna Powder Co., 143 Dearborn, Chicago, Ill.
American Powder Mills, 233 State, Boston, Mass.
Anthony Powder Co., Ishpeming, Mich.
Anthracite Powder Co., Ashland, Pa.
Atlantic Dynamite Co. of N. J., 99 Cedar, New York; Masonic Temple, Chicago; 307 4th av, Pittsburg, Pa. & 237 Franklin, Boston, Mass.
Austin Powder Co., Cleveland, O.
Beury Powder Mills, Shamokin, Pa.
California Powder Works, San Francisco, Cal.
California Vigorit Powder Co., 318 Front, San Francisco, & Portland, Oreg.
Chattanooga Powder Co., Chattanooga, Tenn.
Cressona Powder Co., Pottsville, Pa.
Dittmar Powder Works, 55 Liberty, New York
Dupont, E. I. Co., 41 Cedar, New York, & Wilmington, Del.
Enterprise Powder Mfg. Co., Scranton, Pa.
Eureka Powder Co., Terra Haute, Ind.
Fairmount Powder Co., Fairmount, W. Va.
Forcite Powder Co., 120 Liberty, New York; 13 Pearl, Boston, Mass.; Chamber of Commerce bldg, Chicago; Betz bldg, Phila., Pa., & 518 Empire bldg, Pittsburg, Pa.
Hazard Powder Co., 99 Cedar, New York
Hecla Dynamite Co., 99 Cedar, New York
Hercules Powder Co., 97 Cedar, New York; Wilmington, Del., & Pittsburg, Pa.
Independent Powder Co., Terre Haute, Ind.
Indiana Powder Co., Terra Haute, Ind.
Keystone Powder Co., Emporium, Pa.
King Powder Co., c 5th & Main, Cincinnati, O.
Laflin & Rand Powder Co., 99 Cedar, New York; Chicago, Ill.; Boston, Mass.
Lake Superior Powder Co., Marquette, Mich.
Lakeside Powder Co., Shenandoah, Pa.
Miami Powder Co., Xenia, O.
Miller, Jas. S., Sumneytown, Pa.
Moosic Powder Co., Scranton, Pa.
New York Powder Co., 55 Liberty, New York
Northwestern Powder Co., Terra Haute, Ind.
O'Hare, M. D., Shenandoah, Pa.
Ohio Powder Co., Youngstown, O.
Oliver Powder Co., Oliver Mills, Pa.
Oriental Powder Mills, Union Trust bldg, Cincinnati, O.
Pittsburg & Kansas Powder Co., Pittsburg, Kans.
Rendrock Powder Co., 128 B'way, New York
Repauno Chemical Co. (See Laflin & Rand Powder Co.)
Roberts Powder Co., Shenandoah, Pa.
Robin Hood Powder Co. (Smokeless Gun Powder, etc.), Swanton, Vt.
Rockdale Powder Co., York, Pa.
Rock Glycerine Co. (Smokeless), Bradford, Pa. & Kent, Pa.
Shamokin Powder Co., Shamokin, Pa.
Shenandoah Powder Co., Shenandoah, Pa.

Powder Mfrs. (Aluminum)

Barrett, M. L. & Co., 219 Lake, Chicago, Ill.
Kemp, W. H. Co., 165 Spring, New York

Powders (Horse & Cattle)

Hoffman, Geo. W., 245 E Wash'n, Indianapolis, Ind.

Power Transmitting Machinery

(See Machinery, Power Transmitting.)
(Also Gears, Various Kinds.)
(Also Hangers, Various Kinds.)
(Also Shafting, Various Kinds.)

Pressed Steel Specialties

Chiswick Mfg. Co., Chiswick, Pa.
Gem Mfg. Co., Spruce nr 33d, Pittsburg, Pa.
Pangborn, Thos. W. (& Seamless Drawn), 42 Dey, New York
Standard Pressed Steel Co., 20th & Clearfield, Phila., Pa.

Presses (Arbor)

Barnes W. F. & Jno. Co., Rockford, Ill.
Bartlett, E. E. (Greenerd), 364 Atlantic av, Boston, Mass.
Fox Machine Co., 127 N Front, Grand Rapids, Mich.
Johnson, Israel H., Jr., Co., 1422 Callowhill, Philadelphia, Pa
Marston, J. M. & Co. (The Greenerd), 226 Ruggles, Boston, Mass
Niles-Bement-Pond Co., 136 Liberty, New York. Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Schaffer, J. T. Mfg. Co., Rochester, N. Y.
Seneca Falls Mfg. Co., Seneca Falls, N. Y.

Presses (Armature)

(See Presses, Power.)

Presses (Auger & Bit Heading)

Bliss, E. W. Co., 19 Adams, Brooklyn, N. Y.

Presses (Baling & Hay)

(See also Presses, Cotton.)

Alamo Iron Works (Hay), San Antonio, Tex.
Ann Arbor Machine Co. (Hay), Ann Arbor, Mich.
Beery Mfg. Co. (Hay), Upper Sandusky, O.
Benicia Agricultural Works (Inc.) (Hay), Benicia, Cal.
Boomer & Boschert Press Co., Syracuse, N. Y.
Bradley, David Mfg. Co. (Hay), Bradley, Ill.
Bullard, Walter (Hay), Chico, Cal.
Bushnell, Geo. H. Press Co., Thompsonville, Conn.
Cardwell Machine Co. (Hay), Richmond, Va.
Castree & Shaw Co. (Hay), Owosso, Mich.
Chattanooga Implement & Mfg. Co. (Hay), East Chattanooga, Tenn.
Collins, F. F. Mfg. Co. (Hay), San Antonio, Tex.
Collins Plow Co. (Hay, etc.), Quincy, Ill.
Colton, G. D. & Co. (Hay), Galesburg, Ill.
Copeland, Henry (Hay), Chattanooga, Tenn.
Dain Mfg. Co. (Hay), Ottumwa, Iowa
Dedericks, P. K. Sons (Hay), Albany, N. Y.
Dennis, Jno. & Co., Lowell, Mass.
Eagle Mfg. Co. (Hay, etc.), Kansas City, Mo.
Eclipse Hay Press Co. (Hay), Kansas City, Mo.
Ertel, Geo. Co. (Hay), Quincy, Ill.
Famous Mfg. Co. (Cardboard & Metal Scrap), East Chicago, Ind.
Farm Tool Mfg. Co. (Hay, etc.), Carrollton, Mo.
Hampton, Thos. F. (Hay), Honeybrook, Pa.
Hasard, Wm. (Hay), Trumansburg, N. Y.
Hendricks, D. B. & Co. (Hay, etc.), Kingston, N. Y.
Hercules Lever Jack Co., Irvington, N. J.
Hobbs Mfg. Co. (Baling), Worcester, Mass.
Hyde, Chas. J. (Hay), Meridian, Miss.
Hydraulic Press Mfg. Co., Mt. Gilead, O.
Jackson Hay Press & Mfg. Co. (Hay), Denver Colo
Kansas City Hay Press Co. (Hay, etc.), Kansas City, Mo.
Keystone Mfg. Co. (Hay, etc.), Sterling, Ill.
Kinnard Press Co. (Hay), Minneapolis, Minn.
Kline, Lewis T., Alpena, Mich.
Lombard Iron Works & Supply Co., Augusta, Ga.
Martin Machine Works, Meridian, Miss.
Maurer, F. X. Co. (Hay), Spencer, Iowa
Minnich Machine Works ("Hand" for Waste Paper), Landisville, Lancaster Co., Pa.
Morehouse, L. C. (Hay), San Leandro, Cal.
New Winona Mfg. Co. ("Hay King," Portable), Winona, Minn.
New York Agricultural Co. (Hay), 81 Fulton, New York
Orion Hay Press Co. (Hay), Orion, Ill.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Porter, J. E. Co. (Hay), Ottawa, Ill.
Robinson & Co. (Hay), Richmond, Ind.
Rumely, M. Co. (Hay), La Porte, Ind.
Sandwich Mfg. Co. (Hay), Sandwich, Ill.
Scott Mfg. Co. (Hay), Kansas City, Mo.
Sikes Bros. & Co. (Hay), Helena, Ga.
Sinclair-Scott Co., c Wells & Patapsco, Baltimore, Md.
Smith & Sons Mfg. Co. (Hay), Kansas City, Mo.
Spencer, J. A. (Hay), Dwight, Ill.
Strait, H. N. Mfg. Co. ("National," Hay), Kansas City, Mo.
Waterville Foundry & Mfg. Co., Waterville N. Y.
Watkins Hay Press Co., East Point, Ga.
Watson-Stillman Co. (Hydraulic Baling), 210 E 43d, New York
Whitehurst, R. W. Co. (Hay), Norfolk, Va.
Whitman Agricultural Co. (Steam, Hand Power, Hay), 6900 S B'way, St. Louis, Mo.

Presses (Bench)

(See also Presses, Power.)

Bliss, E. W. Co., 17 Adams, Brooklyn, N. Y.
Ferracute Machine Co., Bridgeton, N. J.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Springfield Machine Tool Co., Springfield, O.
Sweetser, Wm. A., Brockton, Mass.

Presses (Bending)

Alliance Machine Co., Alliance, O.
Bethlehem Steel Co. (Hydraulic), South Bethlehem, Pa., & 100 B'way, New York
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Watson-Stillman Co., 46 Dey, New York

Presses (Bicycle Chain)

(See Presses, Power.)

Presses (Bicycle Saddle)

Burroughs, Chas. Co., 141 Commerce, Newark, N. J.

Presses (Blacksmiths' Drill)

(See Drills, Blacksmiths'.)

Presses (Blanking)

(See Presses, Power.)

Presses (Brick)

(See Machines, Brick Press.)

Presses (Broaching)

American Can Co., Merchants' Loan & T. bldg, Chicago, Ill., & 11 B'way, New York
Bliss, E. W. Co., 17 Adams, Brooklyn, N. Y.
Pratt & Whitney Co., Hartford, Conn.
Watson-Stillman Co., 46 Dey, New York

Presses (Bumping)

Swaine, F. J. Co., St. Louis, Mo.
West Mfg. Co., 374 7th, Buffalo, N. Y.

Presses (Cam)

(See Presses, Drawing.)
(Also Presses, Power.)

Presses (Car Wheel)

(See also Presses, Hydraulic Wheel.)

Caldwell, E. R. & Co. (Hydraulic), Bradford, Pa.
Dudgeon, Richard (Est. of), 24 Columbia, New York
Olsen, Tinius & Co., 500 N 12th, Phila., Pa.
Putnam Machine Co., Fitchburg, Mass.
Schaffer, J. T. Mfg. Co. (Hydraulic), Rochester, N. Y.
Watson-Stillman Co., 46 Dey, New York

Presses (Cartridge Making)

Ferracute Machine Co., Bridgeton, N. J.

Presses, Cement Pipe (For Cement Pipe Molding)

Schebye, H., 348 Carolina, Pittsburg, Pa.

Presses (Cheese)

Boomer & Boschert Press Co., Syracuse, N. Y.
Burrell, D. H. & Co. ("Sprague" Adjustable Continuous Pressure Gang & "Fraser" Gang Presses & Hoops), Little Falls, N. Y.
Creamery Package Co., Chicago, Ill.
Dairy Specialty Co., West Chester, Pa.
Dean Mfg. Co., Seymour, Wis.
Gowanda Agricultural Works Co., Gowanda, N. Y.
Moseley & Stoddard Mfg. Co., Rutland, Vt.
Reid, A. H., 33d & Market, Philadelphia, Pa.
Sharples Co. (Gang, "Helmer," "Jespersen" & "Fraser" Patents, etc.), 32 S Canal Chicago, Ill.
Vermont Farm Machinery Co., Bellows Falls, Vt.

Presses (Cider)

(See Presses, Wine and Cider.)

Presses (Coining)

(See Coining Machines.)

Presses (Compo Molding)

Andrew, M. L. & Co., 118 W 2d, Cincinnati, O.

Presses (Concrete)

(See Hollow Concrete Building Block Machinery.)

Presses (Continuous)

Anderson, V. D. Co. (Expelers for Oil or Moisture), Cleveland, O.

Presses (Copying)

Bailey Mfg. Co., Hartford, Conn., & Wethersfield, Conn.
Belleville Pump & Skein Works, Belleville, Ill.
Chicago Scale Co., 296 W Jackson boul, Chicago, Ill.
Fairbanks Co., 186 Elm, New York
Hill, B. B. Mfg. Co., 1020 New Market, Phila., Pa.
Hoe, R. & Co., 504 Grand, N. Y.
Illinois Iron & Bolt Co., Carpentersville, Ill.

Phila. Novelty Mfg. Co., N 13th & Noble, Phila., Pa.
Pridmore, Henry E. (Automatic), 918 S Rockwell, Chicago, Ill.
Racine Malleable & Wrought Iron Co., Racine, Wis.
Shriver, Thos. & Co., 335 E 56th, N. Y.
Tatum, Samuel C. Co., 414 W Water, Cincinnati, O.

Presses (Cotton)

Adams, W. T. Machine Co., Corinth, Miss.
Attalla Foundry & Machine Co., Attalla, Ala.
Boomer & Boschert Press Co., Syracuse, N. Y.
Cardwell Machine Co., Richmond, Va.
Chickasaw Iron Works, Memphis, Tenn.
Coldwell-Wilcox Co., Newburg, N. Y.
Cole, R. D. Mfg. Co., Newman, Ga.
Continental Gin Co., Bridgewater, Mass., & Birmingham, Ala.
Copeland, Henry, Chattanooga, Tenn.
Cornell, J. B. & J. M. Co., 26th & 11th av, New York
Dederick's, P. K. Sons, Albany, N. Y.
Ertel, George Co., Quincy, Ill.
Famons Mfg. Co., E Chicago, Ind.
Gullet's Magnolia Gin Agency, 606 Common, New Orleans, La., & Amite, La.
Hydranlic Press Mfg. Co., Mt. Gilead, O.
Janney, A. A. & Co., Montgomery, Ala.
Kingsland Mfg. Co. (Steam), St. Louis, Mo.
Liddell Co. (Inc.), Charlotte, N. C.
Livermore Foundry & Machine Co., Memphis, Tenn.
Lombard Iron Works & Supply Co., Augusta, Ga.
Martin Machine Works, Meridian, Miss.
Maurer, F. & Co., Spencer, Ia.
Mecklenburg Iron Works, Charlotte, N. C.
Miller, O. H., Ft. Valley, Ga.
Murray Ginning System Co., Dallas, Tex.
Pusey & Jones Co., Wilmington, Del.
Reading Iron Co., Reading, Pa.
Schofield, J. S. Sons Co., Macon, Ga.
Sinclair-Scott, Baltimore, Md.
Southern Engine & Boiler Works, Jackson, Tenn.
Southern Standard Press Co., Meridan, Miss.
Stedman Foundry & Machine Works, Aurora, Ind.
Thomas-Fordyce Mfg. Co., Little Rock, Ark.
Valk & Murdoch Iron Works, Charlotte, S. C.
Van Winkle, E. Gin & Machine Works, Atlanta, Ga.
Vulcan Works (Steam & Hydraulic), Chester, Pa.
Waterbury Farrell Foundry & Machine Co., Waterbury, Conn.
West Point Iron Works, West Point, Ga.
Whitehurst, R. W. Co., Norfolk, Va.
Wing-Sayle Foundry & Machine Co., Little Rock, Ark.

Presses (Cotton Bat)

Cohoes Iron Foundry & Machine Co., Cohoes, N. Y.

Presses (Cotton Seed Hull)

Cardwell Machine Co., Richmond, Va.
Copeland, Henry, Chattanooga, Tenn.
Dederick's, P. K. Sons, Albany, N. Y.
Gullet's Magnolia Gin Agency, 606 Common, New Orleans, La., & Amite City, La.
Kingsland Mfg. Co., St. Louis, Mo.
Liddell Co., Charlotte, N. C.
Murray Ginning Process Co., Dallas, Tex.
Southern Standard Press Co., Meridian, Miss.
Valk & Murdoch Iron Works, Charleston, S. C.
Whitehurst, R. W. Co., Norfolk, Va.
Whitman Agricultural Co., St. Louis, Mo.

Presses (Cotton Seed Oil)

Boomer & Boschert Press Co., Syracuse, N. Y.
Bushnell, G. H. Press Co., Thompsonville, Conn.
Famous Mfg. Co. (Cotton Seed Hull), East Chicago, Ind.
Platt Iron Works Co., Dayton, O., & 93 Liberty, New York
Shriver, T. & Co., 333 E 56th, N. Y.

Presses (Crank Pin)

Alliance Machine Co., Alliance, O.
Dudgeon, Richard (Est. of), 24 Columbia, New York
Olsen, Tinius & Co., 500 N 12th, Phila., Pa.
Schaffer, J. T. Mfg. Co. (Hydraulic), Rochester, N. Y.
Watson-Stillman Co., 46 Dey, New York

Presses (Cutting)

(See Presses, Power.)

Presses (Dial)

(See Presses, Power.)

Presses (Die)

Bliss, E. W. Co., 19 Adams, Brooklyn, N. Y.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Seelye Mfg. Co., 118 South, Boston, Mass.
Seybold Machine Co., Dayton, O.
Sheridan, T. W. & C. B. Co. (Bookbinders), 56 Duane, New York, & 413 Dearborn, Chicago, Ill.
Swaine, F. J. Co., St. Louis, Mo.
Watson-Stillman Co., 46 Dey, New York

Presses (Disc Notching)

Ferracute Machine Co., Bridgeton, N. J.

Presses (Drawing)

Adriance Machine Works, 254 Van Brunt, Brooklyn, N. Y.
American Can Co., Merchants' Loan & T. bldg, Chicago, Ill., & 11 B'way, New York
Blake & Johnson, Waterbury, Conn.
Bliss, E. W. Co. (Ltd.), 19 Adams, Brooklyn, N. Y.
Ferracute Machine Co., Bridgeton, N. J.
Gould & Eberhardt, Newark, N. J.
Hibbard, Wm. H., 79 Wash'n, Brooklyn, N. Y.
Hickok, W. O. Mfg. Co., Harrisburg, Pa.
Leffler, Charles & Co. (Sheet Metal, etc.), 63 Clymer, Brooklyn, N. Y.
Merriman, A. H., Meriden, Conn.
Pratt & Whitney Co., Hartford, Conn.
Richards Mfg. Co., Bloomsburg, Pa.
Swaine, F. J. Co., St. Louis, Mo.
V. & O. Press Co., Brooklyn, N. Y.
Waterbury Farrell Foundry & Machine Co., Waterbury, Conn.
Watson-Stillman Co., 46 Dey, New York
Woonsocket Machine & Press Co., Woonsocket, R. I.

Presses (Drill)

(See Drills, Various Kinds.)

Presses (Drop)

(See also Hammers, Drop.)

Adriance Machine Works, 254 Van Brunt, Brooklyn, N. Y.
American Tube & Stamping Co., Bridgeport, Conn.
Billings & Spencer Co., Hartford, Conn.
Blake & Johnson, Waterbury, Conn.
Bliss, E. W. Co., 17 Adams, Brooklyn, N. Y.
Coulter & McKenzie Machine Co., Bridgeport, Conn.
Cross & Speirs Machine Co. (Also Portable), Waterbury, Conn.
Ferracute Machine Co., Bridgeton, N. J.
Gould & Eberhardt (Six Poppet, Bench, etc.), Newark, N. J.
Heartley Machine Variety Iron & Tool Works, Toledo, O.
Hibbard, Wm. R., 79 Wash'n, Brooklyn, N. Y.
Hinkley, A. H., 71 Bassett, Providence, R. I.
Johnson, Israel H., Jr., Co., 1422 Callowhill, Phila., Pa.
Keene, Geo. C. & Co., 2327 Florence, Cincinnati, O.
Leffler, Chas. & Co. (Sheet Metal, Can Makers, etc.), 63 Clymer, Brooklyn, N. Y.
Miner & Peck Mfg. Co., New Haven, Conn.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Niles-Bement-Pond Co., 130 Liberty, N. Y. Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Ohl, Geo. A. & Co., Newark, N. J.
Oliver, W. W. Mfg. Co. (Jewelers, etc.), 1483 Niagara, Buffalo, N. Y.
Pratt & Whitney Co., Hartford, Conn.
Robinson, J. M. Mfg. Co., 2d & Central av, Cincinnati, O.
Swaine, Fred. J. Co., St. Lonis, Mo.
Toledo Machine & Tool Co., Toledo, O.
Waterbury Farrell Foundry & Machine Co., Waterbury, Conn.
West Mfg. Co., 374 7th, Buffalo, N. Y.
Williams, White & Co., Moline, Ill.
Woolly Foundry & Machine Works, Anderson, Ind.

Presses (Embossing)

Adriance Machine Works (Sheet Metal, Leather, Paper, etc.), 254 Van Brnnt, Brooklyn, N. Y.
Bliss, E. W. Co., 19 Adams, Brooklyn, N. Y.
Ferracute Machine Co. (Sheet Metal), Bridgeton, N. J.
Grammes, L. F. & Sons (Gold & Wood), Allentown, Pa.
Heartley Machine Variety Iron & Tool Works, Toledo, O.
Hibbard, Wm. H., 79 Wash'n, Brooklyn, N. Y.
Hickok, W. O. Mfg. Co., Harrisburg, Pa.
Hydraulic Press Mfg. Co., Mt. Gilead, O.
Jones, W. E., 14 Water, Brooklyn, N. Y.
Manville, E. J. Machine Co., Waterbury, Conn.
Moore, E. J. Machine & Fonndry Co., 2227 Wood, Phila., Pa.
National Machine Co. (Cutting & Creasing), Hartford, Conn.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Swaine, F. J. Co. (Sheet Metal), St. Louis, Mo.
Toledo Machine & Tool Co., Toledo, O.
Waterbnry Farrell Foundry & Machine Co., Waterbury, Conn.
Watson-Stillman Co., 46 Dey, New York

Presses (Excelsior Bailing)

Union Foundry & Machine Co. (Excelsior & Packing), Rochester, N. Y.

Presses (Filter)

Allis-Chalmers Co., Home Ins. bldg, Chicago, Ill.; Scranton, Pa., & Milwaukee, Wis.
Blymer Iron Works, Spring Grove av & Township, Cincinnati, O.
Bonnot Co., Canton, O.
Boomer & Boschert Press Co., Syracuse, N. Y.
Carbondale Machine Co., Carbondale, Pa.
Cornell, J. B. & J. M. Co., 26th & 11th av, New York
Cnrrier, Cyrus & Sons, Newark, N. J.
Dyer, E. H. & Co., New England bldg, Cleveland, O.
ELMES. CHAS. F. ENGINEERING Works, c Fulton & N Sangamon, Chicago, Ill. (See adv. index, end of book)
Field Force Pump Co., Elmira, N. Y.
Erhart, Chris., 1237 W 6th, Cincinnati, O.
Guild & Garrison, Kent av & S 10th, Brooklyn, N. Y.
Houchin & Huber, 35 53d, Brooklyn, N. Y.
Hydraulic Press Mfg. Co., Mt. Gilead, O.
Johnson, John Co., 1 Franklin sq, New York
Maschinenfabrik, Grevenbroich, 76 William, N. Y.
Mine & Smelter Supply Co., Blake & 17th, Denver, Col.; Salt Lake City, Utah; 136 Liberty, N. Y., & El Paso, Tex.
Perrin, Wm. R. & Co. (For Abattoirs), 46th & Loomis, Chicago, Ill.
Plattt Iron Works Co., Dayton, O., & 93 Liberty, New York
Pnsey & Jones Co., Wilmington, Del.
Royal Machine Co., 61 N. J. R. R. av, Newark, N. J.

PRESSES

PRESSES

SCAIFE, WM. B. & SONS CO., 221 1st, Pittsburg, Pa. (See adv. index, end of book)
Shriver, T. & Co., 333 E 56th, N. Y.
Simpson Foundry Co., 26 Rodney, Brooklyn, N. Y.
Sperry, D. R. & Co., Batavia, Ill.
Squier, Geo. L. Mfg. Co., Buffalo, N. Y.
Traud, Alex., 28 Maine, Newark, N. J.
Turney Dryer Co., Columbia bldg, Louisville, Ky.
Whitney Iron Works Co., 861 Tchoupitoulas, New Orleans, La.

Presses (Foot)

Astoria Iron Works (Inc.) (Die Presses for Salmon Canneries, etc.), Astoria, Oreg.
Ayars Machine Co. (for Can Making, etc.), Salem, N. J.
Bender, Ph. J. & Sons, 87 Frankfort, N. Y.
Blake & Johnson, Waterbury, Conn.
Bliss, E. W. Co., 19 Adams, Brooklyn, N. Y.
Clough, R. M., Tolland, Conn.
Cook, Thos. W. G., 4 Reade, N. Y.
Cross & Speirs Machine Co., Waterbury, Conn.
Dewes, A., 243 Centre, N. Y.
Draher, John, Waterbury, Conn.
Ferracute Machine Co., Bridgeton, N. J.
Gould & Eberhardt (Foot Lever), Newark, N. J.
Heartley Machine Variety Iron & Tool Works, Toledo, O.
Hibbard, Wm. H., 79 Wash'n, Brooklyn, N. Y.
Hinkley, A. H., 71 Bassett, Providence, R. I.
Johnson, Israel H., Jr., Co., 1424 Callowhill, Phila., Pa.
Jones, W. E., 14 Water, Brooklyn, N. Y.
Leffler, Chas. & Co. (Toggle Lever, Sheet Metal, etc.), 63 Clymer, Brooklyn, N. Y.
Loyd, John Co., 562 Water, N. Y.
Manville, E. J. Machine Co. (Single), Waterbury, Conn.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Niles-Bement-Pond Co., 156 Liberty, N. Y. Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Olsen, Tinius & Co., 500 N 12th, Phila., Pa.
Royal Machine Co., 61 N. J. R. R. av, Newark, N. J.
SHUSTER, F. B. CO. (Toggle, Double & Pendulum Lever), New Haven, Conn. (See adv. index, end of book)
Simpson Foundry Co., 28 Rodney, Brooklyn, N. Y.
Stimpson, Edwin B. & Son (Punching & Perforating Leather, etc.), 31 Spruce, N. Y.
Swaine, F. J. Co., St. Louis, Mo.
Toledo Machine & Tool Co., Toledo, O.
Waterbury Farrell Foundry & Machine Co., Waterbury, Conn.

Presses (Forging)

See Presses, Drop.
Presses, Hydraulic.
Presses, Power.
Hammers, Drop.
Forging Machines.

Presses (Forming)

Alliance Machine Co., Alliance, O.
Bliss, E. W. Co., 19 Adams, Brooklyn, N. Y.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Robinson, J. M. Mfg. Co. (Toggle), 2d & Central av, Cincinnati, O.
Swaine, F. J. Co., St. Louis, Mo.
Waterbury Farrell Foundry & Machine Co., Waterbury, Conn.

Presses (Four Plate Printing)

Gould & Eberhardt (For Bank Notes, Checks, Postage Stamps, etc.), Newark, N. J.

Presses (Gilding & Stamping)

Grammes, L. F. & Sons, Allentown, Pa.

Presses (Glass)

Sommerfeld, R. G., 224 3d av, Pittsburg, Pa.

Presses (Hay)

(See Presses, Bailing & Hay.)

Presses (Hydraulic)

Akron Foundry Co., Akron, O.
Albright, Thos. Co. (For Tankage, Tallow, Leather Belting, Cement, etc.), Goshen, Ind.
Allentown Foundry & Machine Works Co. (Inc.), Allentown, Pa.
Alliance Machine Co., Alliance, O.
Bethlehem Steel Co. (Of All Descriptions), South Bethlehem, & 100 B'way, New York
Birmingham Iron Foundry, Derby, Conn.
Boomer & Boschert Press Co., Syracuse, N. Y.
Builders' Iron Foundry, 9 Codding, Providence, R. I.
Bushnell, G. H. Press Co., Thompsonville, Conn.
Caldwell, E. R. & Co., Bradford, Pa.
Carbondale Machine Co., Carbondale, Pa.
Cardwell Machine Co., Richmond, Va.
Chambersburg Engineering Co., Chambersburg, Pa.
Cole, R. D. Mfg. Co., Newnan, Ga.
Crowell, H. M. Mfg. Co. (Stamping), 6th av & 13th, Newark, N. J.
Davenport Foundry & Machine Co., Davenport, Iowa
Defiance Machine Works (Hub & Flange), Defiance, O.
Dennis, Jno. & Co. (for Hot Pressing), Lowell, Mass.
Dudgeon, Richard (Est. of), 24 Columbia, New York
ELMES, CHAS. F. ENGINEERING Works, c N Sangamon & Fulton, Chicago, Ill. (See adv. below)
Farrell Foundry & Machine Co. (Rubber Vulcanizing), Ansonia, Conn.
Gould & Eberhardt, Newark, N. J.
Holyoke Machine Co., Holyoke, Mass., & Worcester, Mass.
HOWARD IRON WORKS (for Leather & Book Binders), Buffalo, N. Y. (See adv. index, end of book)
Hydraulic Press Mfg. Co., Mt. Gilead, O.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Laidlaw-Dunn-Gordon Co., Cincinnati, O.
Lewis Foundry & Machine Co., Pittsburg, Pa.
Lowell Machine Shop, Lowell, Mass.
McLauthlin, Geo. T. Co., 120 Fulton, Boston, Mass.
Morgan Construction Co., Worcester, Mass.
Morgan Engineering Co., Alliance, O.
Niles-Bement-Pond Co., 136 Liberty, New York. Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Olsen, Tinius & Co., 500 N 12th, Phila., Pa.
Pennsylvania Iron Works Co. (Special to Order Only), 51st & Lancaster av, Philadelphia, Pa., & 277 B'way, New York
Perrin, Wm. R. & Co. (For Abattoirs), 1500 46th, Chicago, Ill.
Petersburg Iron Works Co., Petersburg, Va.
Phila. Roll & Machine Co., S 23d & Wash'n av, Phila., Pa.
Platt Iron Works Co. (For Oils, Carbon), Dayton, O., & 93 Liberty, New York
Pusey & Jones Co., Wilmington, Del.
Riehle Bros. Testing Machine Co., 1424 N 9th, Philadelphia, Pa.
Robertson, John & Co., 129 Water, Brooklyn, N. Y.
Royal Machine Co., 61 N. J. R. R. av, Newark, N. J.
Schaffer, J. T. Mfg. Co., Rochester, N. Y.
Scaife Foundry & Machine Co., 28th & Smallman, Pittsburg, Pa.
Spence & Rideout, Nashua, N. H.
Seekamp, H. D. Machine Co., 119 N 7th, St. Louis, Mo.
Taylor & Co., 417 Driggs av, Brooklyn, N. Y.
Thomas-Albright Co., Goshen, Ind.
United Engineering & Foundry Co., Pittsburg, Pa., & Youngstown, O.
Unted States Rapid-Fire Gun & Powder Co. (For Heavy Forging, Drawing, Stamping, Rubber Presses, etc.), Derby, Conn.
Vulcan Iron Works (Hand Power), 63 Milwaukee, av, Chicago, Ill.
Waterbury Farrell Foundry & Machine Co., Waterbury, Conn.
Watson-Stillman Co., 46 Dey, New York
West Penn Foundry & Machine Co., Avonmore, Pa.
Wood, R. D. & Co. (Forging), 400 Chestnut, Phila., Pa.
Wood, W. H., Media, Pa.

Presses (Hydraulic Flanging)

Alliance Machine Co., Alliance, O.
Bethlehem Steel Co., South Bethlehem, Pa., & 100 B'way, New York
Chambersburg Engineering Co., Chambersburg Pa.
ELMES. CHAS. F. ENGINEERING Works, N Sangamon & Fulton, Chicago, Ill. (See adv. below)
Morgan Engineering Co., Alliance, O.
Niles-Bement-Pond Co., 136 Liberty, New York. Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Schaeffer, J. T. Mfg. Co., Rochester, N. Y.
Wickes Bros., Saginaw, Mich.

HYDRAULIC PRESSES FOR ALL PURPOSES.

HYDRAULIC PUMPS, HYDRAULIC VALVES, HYDRAULIC FITTINGS,
HYDRAULIC ACCUMULATORS, BORING BARS, SPECIAL MACHINERY.

Charles F. Elmes Engineering Works, Inc.,

COR. FULTON AND NORTH SANGAMON STS., CHICAGO.

ESTABLISHED 1861.

Presses (Hydraulic Forging)

Alliance Machine Co., Alliance, O.
Bethlehem Steel Co., South Bethlehem, Pa., & 100 B'way, New York
Morgan Construction Co., Worcester, Mass.
Morgan Engineering Co., Alliance, O.
Niles Bement-Pond Co., Main Office, 136 Liberty, New York. Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Phila. Roll & Machine Co., S 23d & Wash'n av, Phila., Pa.
Schaffer, J. T. Mfg. Co., Rochester, N. Y.
Watson-Stillman Co., 46 Dey, New York

Presses (Hydraulic Lead Pipe)

ELMES, CHAS. F. ENGINEERING Works, c Fulton & N Sangamon, Chicago, Ill. (See adv. opp. this page)

Presses (Hydraulic Leather Belting)

ELMES, CHAS. F. ENGINEERING Works, c Fulton & N Sangamon, Chicago, Ill. (See adv. index, end of book)

Presses (Hydraulic Portable)

ELMES, CHAS. F. ENGINEERING Works, c Fulton & N Sangamon, Chicago, Ill. (See adv. opp. this page)

Presses (Hydraulic Pulley)

Bethlehem Steel Co., South Bethlehem, Pa., & 100 B'way, New York

Presses (Hydraulic Rubber Vulcanizing)

ELMES, CHAS. F. ENGINEERING Works, N Sangamon c Fulton, Chicago, Ill. (See adv. opp. this page)
Farrell Foundry & Machine Co., Ansonia, Conn.
Hydraulic Press Mfg. Co., Mt. Gilead, O.

Presses (Hydraulic Wheel)

Bethlehem Foundry & Machine Co., South Bethlehem, Pa.
Bethlehem Steel Co., South Bethlehem, Pa., & 100 B'way, New York
Betts Machine Co., Wilmington, Del.
Caldwell, E. R. & Co., Bradford, Pa.
Defiance Machine Works, Defiance, O.
Dudgeon, Richard (Est. of), 26 Columbia, New York
ELMES, CHAS. F. ENGINEERING Works c Fulton & N Sangamon, Chicago, Ill. (See adv. opp. this page)
Niles-Bement-Pond Co., 136 Liberty, N. Y. Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Phila. Roll & Machine Co., S 23d & Wash'n av, Phila., Pa.
Schaffer, J. T. Mfg. Co., Rochester, N. Y.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.
Zelnicker, Walter A. Supply Co. ("Zelnicker" Portable), 408 N 4th, St. Louis, Mo.; Mobile, Ala., & New Orleans, La.

Presses (Hydrostatic Wheel)

Bentel & Margedant Co. (Also Wheel Box), Hamilton, O.
Niles-Bement-Pond Co., 136 Liberty, N. Y. Works, Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Schaffer, J. T. Mfg. Co., Rochester, N. Y.

Presses (Knuckle Joint)

Boomer & Boschert Press Co., Syracuse, N. Y.
Perrin, Wm. R. & Co., 1500 46th, Chicago, Ill.

Presses (Lard & Tallow)

Landers, Frary & Clark, New Britain, Conn.
Murray Iron Works Co., Burlington, Ia.
Silver Mfg. Co., Salem, O.

Presses (Leather)

Randall & Co. (For Harness & Horse Collar Mfrs., etc.), Cincinnati, O.

Presses (Lever)

Bliss, E. W. Co. (Foot & Hand), 19 Adams, Brooklyn, N. Y.
Gould & Eberhardt (Foot Lever), Newark, N. J.
Leffler, Chas. & Co. (Ontable, Toggie Lever Foot), 63 Clymer, Brooklyn, N. Y.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Perrin, Wm. R. & Co., 1500 46th, Chicago, Ill.
SHUSTER, F. B. CO., New Haven, Conn. (See adv. index, end of book)
Swaine, F. J. Co., St. Louis, Mo.
Woonsocket Machine & Press Co., Woonsocket, R. I.

Presses (Linseed Oil)

Boomer & Boschart Press Co., Syracuse, N. Y.
Bushnell, G. H. Press Co., Thompsonville, Conn.
Hydraulic Press Mfg. Co., Mt. Gilead, O.
Platt Iron Works Co., Dayton, O., & 93 Liberty, New York
Staubach, Baldwin, 652 E 12th, N. Y.

Presses (Lock Corner Die)

Nazel Machine Tool Works (For Paste Board Folding Box Machinery), 1042 Ridge av, Phila., Pa.

Presses (Mandrel)

(See Presses, Arbor.)

Presses (Molding)

(See Sand Molding Machines.)

Presses (Peanut Oil)

Buckeye Iron & Brass Works, Dayton, O.
Bushnell, G. H. Press Co., Thompsonville, Conn.

Presses (Pendelum)

Leffler, Chas. & Co. (For Blanking, Cutting, Perforating, & Forming Dies, etc.), 63 Clymer, Brooklyn, N. Y.

Presses (Perforating)

Bliss, E. W. Co., 17 Adams, Brooklyn, N. Y.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)

Presses (Power)

Adriance Machine Works (Sheet Metal, Wire, Paper, etc.), 254 Van Brunt, Brooklyn, N. Y.
Alliance Machine Co. (Armature, Forging, Punching, etc.), Alliance, O.
American Can Co., Merchants Loan & Trust bldg, Chicago, Ill., & 11 B'way, New York
Ams Max Machine Co. (For Can Makers), 372 Greenwich, New York
Astoria Iron Works (Inc.) (Die Presses for Salmon Canneries, etc), Astoria, Ore.
Atlas Foundry & Machine Co., Belleville, N. J.
Automatic Machine Co., Bridgeport, Conn.
Ayars Machine Co. (for Can Making, etc.), Salem, N. J.
Beaudry & Co., 141 Milk, Boston, Mass.
Bender, Ph. J. & Sons, 87 Frankfort, N. Y.
Bethlehem Foundry & Machine Co. (For Light, Medium & Heavy Work), South Bethlehem, Pa.
Bethlehem Steel Co., South Bethlehem, Pa., & 100 B'way, New York
Blake & Johnson, Waterbury, Conn.
Bliss, E. W. Co., 17 Adams, Brooklyn, N. Y.
Bremer Machine & Tool Co., 97 W Woodbridge, Detroit, Mich., & Kalamazoo, Mich.
Bushnell, G. H. Press Co., Thompsonville, Conn.
Cady Machine Co., Cleveland, O.
Cleveland Stamping & Tool Co., Cleveland, O.
Clough, R. M., Tolland, Conn.
COLLINS, EMMONS, 20 W Randolph, Chicago, Ill.
Consolidated Press & Tool Co. (Self-Oiling Bearings, Inclinable Open Back Type), 98 N Clinton, Chicago, Ill.
Cook, Henry C. Co., Ansonia, Conn.
Cook, Thos. W. G., 4 Reade, N. Y.
Costilo, J. E. Machine Tool Works, 62 Centre, N. Y.
Cross & Speirs Machine Co. (Rotary), Waterbury, Conn.
De Beauvais, Jules, E 155th n Elton av, N. Y.
Dewes, A. (Steam), 243 Centre, N. Y.
Draher, John, Waterbury, Conn.
Ferracute Machine Co., Bridgeton, N. J.
Fox Machine Co., 127 N Front, Grand Rapids, Mich.
Gaug, Wm. E. Co., Cincinnati, O.
Gohlke, Theo., 12th & Locust, St. Louis, Mo.
Gould & Eberhardt (Also with Revolving Table, Double Acting & Automatic Dial), Newark, N. J.
Griswold, Geo. M., 35 Union, New Haven, Conn.
Heartley Machine Variety Iron & Tool Works, Toledo, O.
Hibbard, Wm. H., 79 Wash'n, Brooklyn, N. Y.
Hickok, W. O. Mfg. Co. (Toggle), Harrisburg, Pa.
Hilles & Jones Co., Wilmington, Del.
Hinkley, A. H., 71 Bassett, Providence, R. I.
Humphrey Machine Co. (Also Hand), Keene, N. H.
Hydraulic Press Mfg. Co., Mt. Gilead, O.
Jones, W. E., 14 Water, Brooklyn, N. Y.
Leffler, Chas. & Co. (Sheet Metal Cans, Tinware, etc., in ten sizes), 63 Clymer, Brooklyn, N. Y.
Long & Allstatter Co. (Belt, Motor or Steam Driven), Hamilton, O.
Loyd, John Co., 558 Water, New York
Manville Bros. Co., Waterbury, Conn.
Manville, E. J. Machine Co.(Single & Double Acting), Waterbury, Conn.
Merriman, A. H. (Cutting, Punching & Stamping Sheet Metal), Meriden, Conn.
Michigan Mfg. Co., Ypsilanti, Mich.
Miner & Peck Mfg. Co., New Haven, Conn.
New Doty Mfg. Co., Janesville, Wis.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Niles-Bement-Pond Co., 136 Liberty, New York. Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Nilson, A. H. Machine Co., Bridgeport, Conn.
Ohl, Geo. A. & Co. (For Metal Workers), Newark, N. J.
Olsen, Tinius & Co., 500 N 12th, Phila., Pa.
Oswego Tool Co. (Punching, Hand), Oswego, N. Y.
Perkins Machine Co. (Heavy for All Purposes), 103 M South, Boston, Mass.
Perrin, Wm. R. & Co., 1500 46th, Chicago, Ill.
Pratt & Whitney Co., Hartford, Conn.
Richards Mfg. Co., Bloomsburg, Pa.
Robinson, J. M. Mfg. Co., 2d & Central av, Cincinnati, O.
Sheridan, T. W. & C. B. Co. (Cutting), 56 Duane, New York, & 413 Dearborn, Chicago, Ill.
SHUSTER, F. B. CO., New Haven, Conn. (See adv. index, end of book)
Simpson Foundry Co., 28 Rodney, Brooklyn, N.Y.
Springfield Machine Tool Co., Springfield, Ohio
Standard Machinery Co., Providence, R. I.
Stimpson, Edwin B. & Son (Punching & Perforating), 31 Spruce, New York

STRONG, CARLISLE & HAMMOND CO., 61 Frankfort, Cleveland, O. (See adv. index, end of book)
Swaine, Fred J. Co. (Punching), 7th & O'Fallon, St. Louis, Mo.
Toledo Machine & Tool Co., Toledo, O.
V. & O. Press Co., Glendale Station, L. I., N. Y.
Waterbury Farrell Foundry & Machine Co., Waterbury, Conn.
Waterbury Machine Co. (Presses & Dies for Brass Goods), Waterbury, Conn.
Watson-Stillman Co., 46 Dey, New York
West Mfg. Co., Buffalo, N. Y.
Wheeler, Frank & Son, Meriden, Conn.
Wickes Bros., Saginaw, Mich.
Wilson, J. E., 145 Stratford av, Bridgeport, Conn.
Woolley Foundry & Machine Co., Anderson, Ind.

Presses (Printing)

(See Printing Presses & Machinery.)

Presses (Printing & Embossing)

Boston Printing Press Mfg. Co. (Embossing & Half Tone Work), 176 Federal, Boston, Mass.
National Machine Co. (Cutting & Breasting), Hartford, Conn.

Presses (Pulley)

Bethlehem Steel Co., South Bethlehem, Pa., & 100 B'way, New York

Presses (Punch, Saw Teeth Cutting)

United States Rapid-Fire Gun & Powder Co., Derby, Conn.

Presses (Punching)

(See Presses, Power.)

Presses (Rail Straightening)

Alliance Machine Co., Alliance, O.
Hilles & Jones Co., Wilmington, Del.

Presses (Riveting)

Alliance Machine Co., Alliance, O.
Ferracute Machine Co., Bridgeton, N. J.
Heartley Machine Variety Iron & Tool Works, Toledo, O.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Toledo Machine & Tool Co., Toledo, O.
Williams, White & Co., Moline, Ill.

Presses (Roller Molding)

United States Rapid-Fire Gun & Powder Co., Derby, Conn.

Presses (Screw)

American Can Co., Merchants' Loan & T. bldg, Chicago, Ill., & 11 B'way, New York
Barnes, W. F. & John Co., Rockford, Ill.
Bender, Ph. J. & Sons, 87 Frankfort, New York
Bliss, E. W. Co., 17 Adams, Brooklyn, N. Y.
Boomer & Boschart Press Co. (Power), Syracuse, N. Y.
Burroughs, Chas. Co., 141 Commerce, Newark, N. J.
Bushnell, G. H. Press Co., Thompsonville, Conn.
Cook, Thos. W. G., 4 Reade, New York
Cornell, J. B. & J. M. Co., 26th & 11th av, New York
Crompton & Knowles Loom Works, Worcester, Mass.
Dennis, Jno. & Co. (for Hot Pressing), Lowell, Mass.
Ferracute Machine Co., Bridgeton N. J.
Gould & Eberhardt (Hand & Power & Arch Frame), Newark, N. J.
Greenfield, W. G. & &., Harrison, N. J.
Hibbard, Wm. H., 79 Wash'n, Brooklyn, N. Y.
Hinkley, A. H., 71 Bassett, Providence, R. I.
Johnson, Israel H., Jr., Co., 1422 Callowhill, Philadelphia, Pa.
Keene, Geo. C. & Co., 2327 Florence, Cincinnati, Ohio
Lowell Machine Shop (Double Screw), Lowell, Mass.
Loyd, Jno. Co., 558 Water, New York
Merriman, A. H., Meriden, Conn.
New Doty Mfg. Co., Janesville, Wis.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Niles-Bement-Pond Co., 136 Liberty, New York. Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Perrin, Wm. R. & Co. (For Abattoirs), 1500 46th, Chicago, Ill.
Pratt & Whitney Co., Hartford, Conn.
Riehle Bros. Testing Machine Co., 1424 N 9th, Phila., Pa., & 120 Liberty, N. Y.
Robinson, J. M. Mfg. Co., 2d & Central av, Cincinnati, O.
Sellers, Wm. & Co. (Inc.) (For Forcing Wheels, Pulleys, etc.), 1600 Hamilton, Phila., Pa.
SHUSTER, F. B. CO., New Haven, Conn. (See adv. index, end of book)
Standish, Albert, 120 W Spring, Columbus, O.
Stimpson, Edwin B. & Son, 31 Spruce, N. Y.
Swaine, F. J. Co. (Arch, etc.), St. Louis, Mo.
Waterbury Farrell Foundry & Machine Co., Waterbury, Conn.

Presses (Seal)

Ashbery, Henry C., 16 Seneca, Buffalo, N. Y.
Crescent Seal & Stamp Co., Cambridge O.
Handlan-Buck Mfg. Co. ("Handlan"), 212 N 3d, St. Louis, Mo.
Murdock, James, Jr., Co., 116 Longworth, Cincinnati, O.
Ness, George M., Jr., 61 Fulton, N. Y.
Parker, T. M., Hartford, Conn.
Schwerdtle Stamp Co. (All Kinds), Bridgeport, Conn.
Smith, R. H. Mfg. Co., 293 Main, Springfield, Mass.

Presses (Sewer Pipe)

(See Sewer Pipe Machinery.)

Presses (Shearing)

Alliance Machine Co., Alliance, O.
Bliss, E. W. Co., 19 Adams, Brooklyn, N. Y.
Buffalo Forge Co., Buffalo, N. Y., & 39 Cortlandt, N. Y.
New Doty Mfg. Co., Janesville, Wis.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Pratt & Whitney Co., Hartford, Conn.
Waterbury Farrell Foundry & Machine Co., Waterbury, Conn.
Watson-Stillman Co., 46 Dey, N. Y.
Whitcomb Mfg. Co., Worcester, Mass.
Williams, White & Co., Moline, Ill.

Presses (Shook)

Chase Turbine Mfg. Co. (Power Driven for Driving Together the Mortised Edges of Shooks on Boxes), Orange, Mass.

Presses (Signature)

Sheridan, T. W. & C. B. Co., 56 Duane, New York, & 413 Dearborn, Chicago, Ill.

Presses (Stamping)

Fox Machine Co. (Sheet Metal), 127 N Front, Grand Rapids, Mich.
Hibbard, Wm. H., 79 Wash'n, Brooklyn, N. Y.
Moore, E. J. Machine & Foundry Co., 2227 Wood, Phila., Pa.
Swaine, F. J. Co. (Sheet Metal), St. Louis, Mo.
Toledo Machine & Tool Co. (Sheet Metal), Toledo, Ohio

Presses (Sugar Filtering)

(See Sugar Machinery.)

Presses (Ticket Printing)

Kidder Press Co., Dover, N. H., & 150 Nasau, New York

Presses (Tincture, Druggists')

Enterprise Mfg. Co., 3d & Dauphin, Phila., Pa.

Presses (Tissue Paper Printing)

Kidder Press Co., Dover, N. H., & 150 Nassau, New York

Presses (Tobacco)

Adams Tobacco Press Co., Quincy, Ill.
Ball, Mitchell & Co., Maysville, Ky.
Grote Mfg. Co., Evansville, Ind.
Hydraulic Press Mfg. Co., Mt. Gilead, O.
Nagley Mfg. Co., Lyons, N. Y.
Phoenix Foundry & Mfg. Co., Ripley, O.
Talbott & Sons, Richmond, Va.

Presses (Toggle)

(See Presses, Drawing.)
(Also Presses, Power.)

Presses (Trimming)

Adriance Machine Works, 254 Van Brunt, Brooklyn, N. Y.
American Can Co., Merchants' Loan & T. bldg, Chicago, Ill., & 11 B'way, New York
Billings & Spencer Co., Hartford, Conn.
Bliss, E. W. Co., 17 Adams, Brooklyn, N. Y.
Cook, Thos. W. G., 4 Reade, N. Y.
Crane, W. W. Foundry & Machine Works, Auburn, N. Y.
Heartley Machine Variety Iron & Tool Works, Toledo, O.
Hibbard, Wm. H., 79 Wash'n, Brooklyn, N. Y.
Hilles & Jones Co., Wilmington, Del.
Merrill Bros., 465 Kent av, Brooklyn, N. Y.
Miner & Peck Mfg. Co., New Haven, Conn.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Niles-Bement-Pond Co., 136 Liberty, N. Y. Works, Hamilton, O.; Phila., Pa., & Plainfiled, N. J.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pratt & Whitney Co., Hartford, Conn.
Toledo Machine & Tool Co. (Power), Toledo, O.

Presses (Veneer)

Bentel & Margedant Co. (Hydrostatic), Hamilton, O.
Boomer & Boschert Press Co., Syracuse, N. Y.
Bushnell, G. H. Press Co., Thompsonville, Conn.
Fox Machine Co., Grand Rapids, Mich.
Francis, Chas. E. & Bro., 425 E 8th, Cincinnati, O.
HAMMACHER, SCHLEMMER & CO., 133 4th av, New York. (See adv. index, end of book)
Hydraulic Press Mfg. Co. (Hydraulic), Mt. Gilead, O.
Kline, Lewis T., Alpena, Mich.
Smith, H. B. Machine Co., Smithville, N. J., & 121 Liberty, N. Y.
Towsley, John T. Mfg. Co., Evans n Gest, Cincinnati, O.

Presses (Wheel)

(See Presses, Hydraulic Wheel.)

Presses (Wine & Cider)

American Seeding Machine Co. (Cider Only), Main Office: Springfield, O. Works: Louisville, Ky.; Macedon, N. Y., & Richmond, Ind.
Ames Plow Co., Quincy Hall, Boston
Boomer & Boschert Press Co., Syracuse, N. Y.
Bushnell, G. H. Press Co., Thompsonville, Conn.
Comstock, Geo. S. ("Triumph"), Mechanicsburg, Pa.
Eagle Machine Co., Lancaster, O.
Emery, G. J., Fulton, N. Y.
Enterprise Mfg. Co. (Fruit, Wine & Jelly), 3d & Dauphin, Philadelphia, Pa.
Farquhar, A. B. Co., York, Pa.
Haish Mfg. Co., De Kalb, Ill.
Hench & Drumgold Co., York, Pa.
Hercules Lever Jack Co., Irvington, N. J.
Hocking Valley Mfg. Co., Lancaster, O.
Hydraulic Press Mfg. Co., Mt. Gilead, O.
Keystone Farm Machine Co., York, Pa.
Klotz Machine Co. ("Hero" Geared, Hand & Power), Sandusky, O.
Lansing Wheelbarrow Co., Lansing, Mich.
Mast, P. P. & Co., Springfield, O.
New York Agricultural Co., Boonton, N. J., & 51 Cliff, New York
Schriver, O. P. & Co. ("I. X. L."), 208 Elm, Cincinnati, O.
Streeter, N. R. & Co. (Fruit), Rochester, N. Y.
Thomas-Albright Co., Goshen, Ind.
White, R. W. & Bro., Norfolk, Va.
Whitehurst, R. W. Co., Norfolk, Va.
Whitman Agricultural Co., St. Louis, Mo.
Whitman & Barnes Mfg. Co., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York

Presses (Wiring)

Bliss, E. W. Co., 19 Adams, Brooklyn, N. Y.
Heartley Machine Variety Iron & Tool Works, Toledo, O.
Leffler, Chas. & Co. (also Horning), 63 Clymer, Brooklyn, N. Y.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Swaine, F. J. Co., St. Louis, Mo.
Toledo Machine & Tool Co., Toledo, O.

Presses (Wood Printing)

(See also Box Board Printing Machines.)

Grammes, L. F. & Sons ("Pilot"), Allentown, Pa.

Presses (Wood Pulp)

Boomer & Boschert Press Co., Syracuse, N. Y.
Bushnell, G. H. Press Co., Thompsonville, Conn.
Scott, Olin, Bennington, Vt.
Trevor Mfg. Co., Lockport, N. Y.

Pressure Blowers

(See Blowers, Pressure.)

Prime Movers

See Dynamo & Motor Mfrs.;
Engines, various kinds;
Generators, various kinds;
Motors, various kinds;
Turbines, various kinds;
Windmills.

Prismatic Lights

(See Glass, Prismatic; also Vault, Floor & Sidewalk Lights.)

Prison Cells

(See Jail & Cell Work, Steel.)

Projectiles (Steel)

American & British Co., Bridgeport, Conn.
Bliss, E. W. Co., 17 Adams, Brooklyn, N. Y.
Carpenter Steel Co., Reading, Pa.
Firth-Sterling Steel Co., Demmler, Pa.
Johnson, Isaac & Co., Spuyten Duyvil, New York City, N. Y.
Midvale Steel Co., Nicetown, Philadelphia, Pa.
PRESSED STEEL TANK CO. (Seamless Steel Shells), Milwaukee, Wis. (See adv. index, end of book)
Taylor Iron & Steel Co., Highbridge, N. J.

Projectors or Search Lights

Benton, Thos. P. & Son, La Crosse, Wis.
Bogue, Chas. J., 213 Centre, New York
Carlisle & Finch Co., 231 E Clifton av, Cincinnati, O.
Engberg Electric & Mechanical Works, St. Joseph, Mo.
Fort Wayne Electric Works (Inc.), Fort Wayne, Ind.
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, New York. (See adv. index, end of book)
Rushmore Dynamo Works (Electric or Acetylene for Yachts, Locomotives & Automobiles), Plainfield, N. J.

Propellers (Brine Tank)

TRIUMPH ICE MACHINE CO., 610 Baymiller, Cincinnati, O.

Protectors (Electric Globe)

Acme Fancy Wire Works, Detroit, Mich.

Protractors

Athol Machine Co., Athol, Mass.
Brown & Sharpe Mfg. Co. (Draughtsmen's) Providence, R. I.
Massachusetts Tool Co., Greensfield, Mass.
Sawyer Tool Mfg. Co., Fitchburg, Mass.
Starrett, L. S. Co. (Bevel, Draughtsman's Universal Bevel, etc.), Athol, Mass.

Pruners (Tree)

(See Shears, Pruning.)

*Publications (Trade)

American Architect, Times bldg, New York
American Contractor, 110 Randolph, Chicago
American Gas Light Journal, 42 Pine, N. Y.
American Machinist, World bldg, New York
American Mining News, 11 B'way, N. Y.
Architects & Builders' Magazine, 23 Warren, N. Y.
Architecture, 160 5th av, New York
Architectural Record, 14 Vesey, N. Y.
Carpentry & Building, 238 William, New York
Cement & Engineering News, 162 LaSalle, Chicago, Ill.
Clay Record, 303 Dearborn, Chicago, Ill.
Clay Worker, Indianapolis, Ind.
Construction News, 188 Madison, Chicago
Dixey, Atlanta, Ga.
Domestic Engineering, 58 N Jefferson, Chicago, Ill.
Electrical Age, 20 Broad, N. Y.
Electrical Review, 15 Park Row, N. Y.
Electrical World & Engineer, 116 Liberty, N. Y.
Engineering Magazine, 140 Nassau, New York
ENGINEERING NEWS, 220 B'way, New York. (See adv. index, end of book)
ENGINEERING RECORD, 116 Liberty, New York. (See adv. index, end of book)
Engineering Review, 15 Park Row, N. Y.
Engineering & Mining Journal, 261 B'way, N. Y.
Fire & Water, 99 Nassau, N. Y.
Hardware Dealers' Magazine, 253 B'way, N. Y.
Improvement Bulletin, Lumber Exchange, Minneapolis, Minn.
Inland Architect & News Record, 356 Dearborn, Chicago, Ill.
Iron Age, 238 William, New York
"Machinery," 66 W B'way, N. Y.
Manufacturers' Record, Record bldg, Baltimore, Md.
Marine Review, Cleveland, O.
Metal Worker, 238 William, N. Y.
Monumental News, 324 Dearborn, Chicago, Ill.
Municipal Engineering, Indianapolis, Ind.
Plumbers' Trade Journal, 61 Beekman, New York
Power, World bldg, N. Y.
Public Improvements, 39 Cortlandt, N. Y.
Railroad Gazette, 81 Fulton, N. Y.
Railway Age, Monadnock blk, Chicago, Ill.
Railway & Engineering Review, Manhattan bldg, Chicago, Ill.
Record & Guide, 14 Vesey, N. Y.
Rudder Publishing Co. (The), 9 Murray, New York
Stone, 45 B'way, N. Y.
Stove & Hardware Reporter, St. Louis, Mo., & Chicago, Ill.
Street Railway Journal, 114 Liberty, N. Y., & Monadnock blk, Chicago, Ill.
The Brickbuilder, 85 Water, Boston, Mass.
Tradesman Publishing Co., Chattanooga, Tenn.

Pullers (Beet)

Beach Mfg. Co. (Diamond), Lyons, Mich.
Deere & Mansur Co., Moline, Ill.
Donaldson Bros. (Valley), Mt. Clements, Mich.
Lehr Agricultural Co., Fremont, O.
Moline Plow Co., Moline, Ill.
Morrison Mfg. Co., Ft. Madison, Ia.
Ohio Cultivator Co. (Famous Ohio), Bellevue, O.
Parlin & Orendorff Co. (Canton), Canton, Ill.
Vine & Root Machinery Co. (Port Huron), Port Huron, Mich.

Pullers (Car)

Barnard & Leas Mfg. Co. ("Moline"), Moline, Ill.
Borden & Selleck Co., 48 Lake, Chicago, Ill.
Dodge Mfg. Co. ("Safety"), Mishawaka, Ind.
Link Belt Machinery Co., W 39th & Stewart, Chicago, Ill.
MINNEAPOLIS STEEL & MACHINEery Co. (Power), Minneapolis, Minn. (See adv. index, end of book)
Nordyke & Marmon Co., Indianapolis, Ind.
Skillin & Richards Mfg. Co. (Improved), 147 Fulton, Chicago, Ill.

Pullers (Cork)

Arcade Mfg. Co. (The Phoenix), Freeport, Ill.
Erie Specialty Co. ("Walker's" Self Pulling), Erie, Pa.

Pullers (Nail)

See also Pullers, Tack.
Also Pullers, Staple.

Atwood Mfg. Co., Southington, Conn.
Beldon Machine Co., New Haven, Conn.
Bridgeport Hardware Mfg. Corp. ("Sure"), 481 Iranistan av, Bridgeport, Conn.
Chandrell Tool Co., Reading, Pa.
Denison Mfg. Co. ("Denison"), Warren, O.
Federal Mfg. Co., Cleveland, Ohio.
Goodell-Pratt Co., Greenfield, Mass.
Grammes, L. F. & Sons, Allentown, Pa.
Hagen & Reid, Troy, N. Y.
Metropolitan Daylight Lamp Co., 6416 Ingleside av, Chicago, Ill.
Miller's Falls Co., Miller's Falls, Mass., & 28 Warren, N. Y.
Nafew, Samuel ("Samson"), 453 Canal, New York
Sayre, L. A. & Co., Newark, N. J.
Scranton & Co., New Haven, Conn.
Smith & Hemenway Co. ("The Giant"), 296 B'way, N. Y.
Snow, L. T., New Haven, Conn.
Tower & Lyon Co. ("The Cyclops"), 95 Chambers, N. Y.
Winkley Co. ("Star"), Hartford, Conn.

Pullers (Onion)

Bateman Mfg. Co., Grenloch, N. J.
Deere & Mansur Co., Moline, Ill.
Jeeliff, C. O. & Co., Southport, Conn.

Pullers (Shank)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)

Pullers (Spike)

Harvey, H. H., 608 Atlantic av, Boston, Mass.
Mogul Claw Bar Co., Lawrence, Kan.
Pearson, Jack Co. (The "Mogul"), 64 Federal, Boston, Mass.
Pittsburg Tool & Drop Forge Co. ("Cheswick" Spike), Arrott bldg, Pittsburg, Pa. Works, Cheswick, Pa.
Solid Steel Tool & Forge Co. (2 or 3 Ball), Farmers Bank bldg, Pittsburg, Pa.

Pullers (Staple)

Cronk & Carrier Mfg. Co., Elmira, N. Y.
Schriver, O. P. & Co. ("I. X. L."), 208 Elm. Cincinnati, O.
Smith & Hemenway Co. ("The Giant"), 296 B'way, N. Y.
Utica Drop Forge & Tool Co., Utica, N. Y.

Pullers (Stump)

Bennett, H. L. & Co., Westerville, O.
Butterworth & Lowe, Grand Rapids, Mich.
Carter, W. D., Canister, N. Y.
Caward, R. S. (Faultless), Cresco, Ia.
Chamberlin Mfg. Co., Olean, N. Y.
Chicago Stump Machine Mfg. Co., Room 923 La Salle, Chicago
Dean Mfg. Co. (Sampson), Seymour, Wis.
Driesdecker Foundry & Mfg. Co. (Cyclone & Practical), Pekin, Ill.
Edwards, C. D. ("Climax, Jumbo, Chief"), Albert Lea, Minn.
Farquhar, A. B. Co. (Ltd.), York, Pa.
Hurtibise, Alex., Saginaw, Mich.
Indiana Foundry Co. (Martin), Indiana, Pa.
Kansas City Hay Press Co., Kansas City, Mo.
Lee, R. E., Almont, Mich.
Milne Mfg. Co. (Hawkeye), Monmouth, Ill.
Mohland & Co. (Corbett, Little Giant, Pioneer & Hawkeye), Burlington, Ia.
Monarch Grubber Mfg. Co. ("Monarch" Grubber), Lone Tree, Ia.
National Hoist & Machine Co., 463 W 22d, Chicago, Ill.
New Yorkb Agricultural Co., Boonton, N. J., & 51 Cliff, N. Y.
Niver Iron Works Co., Muscatine, Ia.
Smith Mfg. Co., La Crosse, Wis.
Smith, W. Grubber Co., La Crosse, Wis.
Snow Mfg. Co. ("Cyclone"), Batavia, Ill.
Sparta Iron Works Co., Sparta, Wis.

Pullers (Tack)

Acme Mfg. Co. ("Hunwood"), Plantsville, Conn.
Bridgeport Hardware Mfg. Corp., 481 Iranistan av, Bridgeport, Conn.
Cronk & Carrier Mfg. Co., Elmira, N. Y.
Denison Mfg. Co. (Denison), Warren, O.
Federal Mfg. Co., Elyria, O.
Hagen & Reid, Troy, N. Y.
Hoague, J. H., Chicopee, Mass.
Hurwood Mfg. Co. (Inc.), Bridgeport, Conn.
Smith & Hemenway Co. ("The Giant"), 296 B'way, N. Y.
Springfield Machine Screw Co. ("Little Giant"), Springfield, Mass.
Utica Drop Forge & Tool Co., Utica, N. Y.
Verona Tool Works (Spike, etc.), Verona, Pa., & Pittsburg, Pa.
Wrightsville Hardware Co., Wrightsville, Pa.

Pullers (Wire)

Dicke Tool Co. ("The Imperial"), Downers Grove, Ill.

Pulley Blocks

(See Blocks, Various Kinds.)

Pulley Blocks (Differential Chain)

(See Blocks, Differential Pulley or Chain.)

Pulley Covering

Acme Pulley Covering Co., 348 W Lake, Chicago, Ill.
Boston Woven Hose & Rubber Co. ("Milo" Stitched Canvas), Executive Office & Factory: Cambridgeport, Mass. Stores: 116 Duane, New York; 185 Lake, Chicago, Ill.; Cleveland, O.; San Francisco, Cal., & Boston, Mass.
Fansher Bros. ("Anti-Slip" Pulley Dressing). Dayton, O.
Little, O. C. Pulley Coating Co., Menasha, Wis.
Oak Leather Pulley Covering Co. (Oak Leather), 432 N 10th, Phila., Pa.
Rope Fibre Pulley Covering Co. (Rope Fibre), Springfield, O.

Pulley Filling

LESCHEN, A. & SONS ROPE CO., 920 N 1st, St. Louis, Mo.; 163 Wash'n, New York; 137 E Lake, Chicago, Ill., & 1717-23 Arapahoe, Denver, Colo. (See adv. index, end of book)

Pulleys (Anti-Friction, Dumb Waiter)

STOWELL MFG. & FOUNDRY CO., South Milwaukee, Wis. (See adv. index, end of book)

Pulleys (Arc Lamp)

(See Blocks, Pulley, for Electric Light Poles.)

Pulleys (Awning or Tackle)

CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
Laughlin, Thomas Co., Portland, Me.
Marine Hardware & Equipment Co., South Portland, Me.
Ney Mfg. Co., Canton, O.
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 27 Murray, N. Y.
Penna. Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.
Wilcox, Crittenden & Co., Middletown, Conn.

Pulleys (Bell Cord)

Brill, J. G. Co. (Also Register Cord), Phila., Pa.
Creamer, W. G. & Co., 96 John, New York

Pulleys (Cast Iron)

(See also Machinery, Power Transmitting.)

Allis-Chalmers Co., N. Y. Life bldg, Chicago, Ill., & Milwaukee, Wis.
American Pulley Co., 29th & Bristol, Philadelphia, Pa.
American Tool & Machine Co., 109 Beach, Boston
Baker Bros., Toledo, O.
Bates Machine Co., Joliet, Ill.
Birmingham Iron Foundry, Derby, Conn.
BROWN, A. & F. CO., 25 Dey, New York. Works, Elizabeth, N. J. (See adv. front colored page)
Brown, C. H. & Co., Fitchburg, Mass.
CALDWELL, W. E. CO., Brandeis av & Brook, Louisville, Ky. (See adv index, end of book)
Co-operative Foundry, Detroit, Mich.
Cresson, Geo. V. Co., Allegheny av, W of 17th, Phila., Pa., & 141 Liberty, New York
Dayton Globe Iron Works Co., 833 S Ludlow, Dayton, O.
Dodge Mfg. Co., Mishawaka, Ind.; 45 Dey, New York; 167 S Clinton, Chicago; 137 Purchase, Boston, Mass., & 128 W 3d, Cincinnati, O.
Eastern Machinery Co., New Haven, Conn.
Fairmount Machine Co., 2106 Wood, Phila., Pa.
Fales & Jenks Machine Co., Pawtucket, R. I.
Falls Rivet & Machine Co., Cuyahoga Falls, O. & 208 Fulton, New York
Fay, J. A. & Egan Co., c Front & John, Cincinnati, O.
Filer Stowell Co., Milwaukee, Wis.
Fischer Foundry & Machine Co., S 21st & Mary, Pittsburg, Pa.
Freeman, S. & Sons Mfg. Co., Racine, Wis.
Frick Co., Waynesboro, Pa.
Frost Mfg. Co., Galesburg, Ill.
Fulton Machine Co., Canal, Fulton, O.
Goldens' Foundry & Machine Co., Columbus, Ga.
Great Western Mfg. Co., Leavenworth, Kans.
Greenwald, I. & E. Co., Cincinnati, O.
Henry Machine Works, 38 Fremont, San Francisco, Cal.
Hess-Snyder Co., Massillon, O.
Hill Clutch Co., ft Waverly av, Cleveland, O.
Holyoke Machine Co., Worcester, Mass., & Holyoke, Mass.
HOWARD IRON WORKS, Buffalo, N. Y., & 126 Liberty, New York. (See adv. index, end of book)
Humphrey Machine Co., Keene, N. H.
Hunter, Jas. Machine Co., North Adams, Mass. & 70 Kilby, Boston
Jacobson Machine Mfg. Co. (Clutch), Warren, Pa.
JEFFREY MFG. CO., Columbus, O.; 41 Dey, N. Y., & Equitable bldg, Denver, Colo. (See adv. index, end of book)
Jones, W. A. Foundry & Machine Co. (Machine Moulded), 143 W North av, Chicago, Ill.
Jones & Laughlins Steel Co., Pittsburg, Pa.
Kaestner & Co. (Inc.), 241 S Jefferson, Chicago, Ill.
Klotz Machine Co., Sandusky, O.
Lane Mfg. Co., Montpelier, Vt.
Lane & Bodley Co., c John & Water, Cincinnati, O.
Leffel, Jas. & Co., Springfield, O., & 120 Liberty, New York
LESCHEN, A. & SONS ROPE CO., 920 N 1st, St. Louis, Mo.; 137 E Lake, Chicago, Ill.; 163 Wash'n, New York, & 1717-23 Arapahoe, Denver, Colo. (See adv. index, end of book)
Link Belt Machinery Co., W 39th & Stewart av, Chicago
McCaffrey, Jno. (Shaft), Lawrence, Mass.
McMurray, C. F. Co. (Solid & Split), Troy, N. Y.
Marseilles Mfg. Co., Marseilles, Ill.
Medart Patent Pulley Co., St. Louis, Mo.
MINNEAPOLIS STEEL & MACHINE- ry Co., Minneapolis, Minn. (See adv. index, end of book)
Minster Machine Co., Minster, O.
Niles-Bement-Pond Co., 136 Liberty, New York. Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Nordyke & Marmon Co., 1101 W Morris, Indianapolis, Ind.
Parsons, R. E. Co., Bridgeport, Conn.
Patch, F. R. Mfg. Co., Rutland, Vt.
Pittsburg Pulley Co. (in the rough, etc.), Frick bldg, Pittsburg, Pa. Works, Pulleydale, Pa.
Plamondon, A. Mfg. Co., 57 S Clinton, Chicago, Ill.
Platt Iron Works Co., Dayton, O., & 93 Liberty, New York
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Porter Foundry & Machine Co., Allegheny, Pa.
Portland Co., Portland, Me.
Putnam Machine Co., Fitchburg, Mass.
Remington Machine Co., Wilmington, Del.
Risdon Iron & Locomotive Works, Steuart & Folsom sts, San Francisco, Cal.
St. Marys Machine Co. ("Likens Clutch"), St. Marys, O.
Scaife Foundry & Machine Co., Pittsburg, Pa.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Philadelphia, Pa.
Skillin & Richards Mfg. Co., 147 Fulton, Chicago, Ill.
Smith, H. B. Machine Co., Smithville, N. J., & 121 Liberty, New York
South Bend Pulley Co., South Bend, Ind.
Southern Engine Boiler Works (Inc.), Jackson, Tenn.
Sprout, Waldron & Co., Muncy, Pa.
Standard Pulley & Foundry Co. (Machine, Moulded, etc.), 1228 Collins, St. Louis, Mo.
Strait, H. N. Mfg. Co., Kansas City, Mo.

STURTEVANT, B. F. CO. (Shaft), Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S Clinton, Chicago, Ill.; 133 N 3d, Queen Victoria st, London, Eng. (See adv. index, end of book)
Toledo Foundry & Machine Co., Toledo, O.
Union Machine Co., Worcester, Mass.
Valley Iron Works, Williamsport, Pa.
Waterbury Farrell Foundry & Machine Co., Waterbury, Conn.
WEBSTER MFG. CO., 1075 W 15th, Chicago, & 38 Dey, New York. (See adv. index, end of book)
White, Jno. A. Co., Dover, N. H.
Wickes Bros., Saginaw, Mich.
Williamsport Clutch & Pulley Co. (Plain, Split, Loose, Clamp, Hub & Tight), Williamsport, Pa.
Wolf Co., Chambersburg, Pa.
Woods, T. B. Sons, Chambersburg, Pa.
Woonsocket Machine & Press Co., Woonsocket, R. I.

Pulleys (Ceiling)

Pennsylvania Hardware Co., Reading, Pa.
Pleuger & Henger Mfg. Co., 11th & Hebert, St. Louis, Mo.
Reading Hardware Co., Reading, Pa.; 96 Reade, N. Y.; Phila., Pa., & Chicago, Ill.
STOWELL MFG. & FOUNDRY CO., South Milwaukee, Wis. (See adv. index, end of book)

Pulleys (Cone)

BROWN, A. & F. CO., 26 Cortlandt, New York. Works, Elizabeth, N. J. (See adv. front colored page)
Cresson, Geo. V. Co., Allegheny av, W of 17th, Phila., Pa., & 141 Liberty, New York
Dodge Mfg. Co., Mishawaka, Ind.; 45 Dey, N. Y.
Evans, Geo. F., Newton Centre, Mass.
Fairmount Machine Co., 22d & Wood, Phila., Pa.
Hartford Machine Screw Co., Hartford, Conn.
Lane Mfg. Co., Montpelier, Vt.
Osgood & Baker, Bellows Falls, Vt.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Woonsocket Machine & Press Co., Woonsocket, R. I.

Pulleys (Fibre)

Xylotite Mfg. Co. ("Xylotite"), Cincinnati, O.

Pulleys (Flange)

BROWN, A. & F. CO., 26 Cortlandt, New York. Works, Elizabeth, N. J. (See adv. front colored page)
Cresson, Geo. V. Co., Allegheny av, W of 17th, Phila., Pa., & 141 Liberty, New York
Dodge Mfg. Co., Mishawaka, Ind., & 45 Dey, N. Y.
Falls Rivet & Machinery Co., Cuyahoga Falls, O., & 206 Fulton, New York
Jones & Laughlins Steel Co., Pittsburg, Pa.
McMurray, C. F. Co., Troy, N. Y.
MINNEAPOLIS STEEL & MACHINE- ery Co., Minneapolis, Minn. See adv. index, end of book)
Nordyke & Marmon Co., Indianapolis, Ind.
Pittsburg Pulley Co., Frick bldg, Pittsburg, Pa.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.

Pulleys (Friction Clutch)

(See also Clutches, Friction.)

American Tool Machine Co., 109 Beach, Boston, Mass.
Barnard & Leas Mfg. Co., Moline, Ill.
Birmingham Iron Foundry, Derby, Conn.
Bliss, E. W. Co., 17 Adams, Brooklyn, N. Y.
Brightman Mfg. Co., Shelby, O.
Brodesser Elevator Mfg. Co., Milwaukee, Wis.
BROWN, A. & F. CO., 26 Cortlandt, New York. Works, Elizabeth, N. J. (See adv. front colored page)
Brown & Sharpe Mfg. Co. (Self-Oiling), Providence, R. I.
Caldwell, H. W. & Son Co., Western av & 17th, Chicago, Ill.
Carrouthers-Fithian Clutch Co., Grove City, Pa.
Cresson, Geo. V. Co., Allegheny av, W of 17th, Phila., Pa., & 141 Liberty, New York
Diamond Iron Works ("Wilkinson"), Minneapolis, Minn.
Dodge Mfg. Co., Mishawaka, Ind.
Eastern Machinery Co., New Haven, Conn.
Exeter Machine Works, Pittston, Pa.
Fairmount Machine Co., 2106 Wood, Phila., Pa.
Falls Rivet & Machine Co., Cuyahoga Falls, O., & 206 Fulton, New York
FILER & STOWELL, Becher & Ziemer, Milwaukee, Wis. (See adv. index, end of book)
Franklin Supply Co., Franklin, Pa.
Friction Pulley & Machine Works (Noiseless Success Screen), Sandy Hill, N. Y.
Garland, M. Co. (Clutch), Bay City, Mich.
Gifford Bros., Hudson, N. Y.
Great Western Mfg. Co., Leavenworth, Kan.
Hill Clutch Co. (Solid & Split), ft Waverly av, Cleveland, O.
Hess, Snyder Co., Masillon, O.
Hunt, Rodney Machine Co., Orange, Mass.
Hunter, Jas. Machine Co., North Adams, Mass., & 70 Kilby, Boston, Mass.
Hydraulic Press Mfg. Co., Mt. Gilead, O.
Jacobson Mach. Mfg. Co., Warren, Pa.
JEFFREY MFG. CO., Columbus, O.; ver, Colo. (See adv. index, end of book)
Jones, W. A. Foundry & Machine Co., 143 W North av, Chicago, Ill.
Jones & Laughlins Steel Co., Pittsburg, Pa.
Kenney & Co., Scottdale, Pa.
Kenyon, D. R. & Son, Raritan, N. J.
Kissinger & Son Co., Cincinnati, O.
Link Belt Engineering Co., Nicetown, Philadelphia, Pa.; Park bldg, Pittsburg, Pa., & 49 Dey, N. Y.
McMurray, C. F. Co., Troy, N. Y.
Medart Patent Pulley Co., 3500 DeKalb av, St. Louis, Mo.
MINNEAPOLIS STEEL & MACHINE- ery Co., Minneapolis, Minn. See adv. index, end of book)
Minster Machine Co., Minster, O.
Moore & White Co., 15th & Lehigh av, Philadelphia, Pa.
New Era Gas Engine Co, Dayton, O.
New Haven Mfg. Co., New Haven, Conn.
Oesterlein Machine Co., Elam & Garrard av, Cincinnati, O.
Pittsburg Pulley Co., Frick bldg, Pittsburg, Pa.
Plamondon, A. Mfg. Co., 57 S Clinton, Chicago, Ill.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Pratt & Whitney Co., Hartford, Conn.
Pusey & Jones Co., Wilmington, Del.
Sandy Hill Iron & Brass Works ("Hercules"), Sandy Hill, N. Y.
Sellers, Wm. Co., 1600 Hamilton, Phila., Pa.
Sinclair-Scott Co., Wells & Patapsco, Baltimore, Md.
Skillin & Richards Mfg. Co. ("Muir's"), 147 Fulton, New York
Union Iron Works, 222 Market, San Francisco, Cal.
Union Machine Co., Worcester, Mass.
Whitman Mfg. Co. (For Gas & Gasoline Engines), Garwood, N. J.
Williams, Milton F. & Co., 2701 N B'way, St. Louis, Mo.
Williamsport Clutch & Pulley Co. ("Crowell"), Williamsport, Pa.
Wing, J. T. & Co., 19 Woodward av
Wood's, T. B. Sons, Chambersburg, Pa.
Yocom, Jas. & Son, 145 N 2d, Phila., Pa.

Pulleys (Guide)

BROWN, A. & F. CO., 25 Dey, New York. Works, Elizabeth, N. J. (See adv. front colored page)
Cresson, Geo. V. Co., Allegheny av, W of 17th, Phila., Pa., & 141 Liberty, New York
Dodge Mfg. Co., Mishawaka, Ind.; 45 Dey, New York; 168 S Clinton, Chicago; 137 Purchase, Boston, Mass., & 128 W 3d, Cincinnati, O.
Fairmount Machine Co., 22d & Wood, Phila., Pa.
Falls Rivet & Machine Co., Cuyahoga Falls, O.; 208 Fulton, N. Y., & 54 Purchase, Boston, Mass.
FILER & STOWELL, Becher & Ziemer, Milwaukee, Wis. (See adv. index, end of book)
Hunter, Jas. Machine Co., North Adams, Mass., & 70 Kilby, Boston, Mass.
Jones & Laughlins Steel Co., Pittsburg, Pa.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Toledo Foundry & Machine Co., Toledo, O.

Pulleys (Hay Fork)

Cheney, S. & Son (Scoville's), Manlius, N. Y.
Cleveland Block Co., 163 River, Cleveland, O.
Cronk & Carrier Mfg. Co., Elmira, N. Y.
Dissinger, C. H. A. & Bro. (Safety Clutch), Wrightsville, Pa.
Fayette Mfg. Co., Fayette, O.
Goshen Mfg. Co., Goshen, Ind.
Hunt, Helm, Ferris Co. (Rope Pulleys), Harvard, Ill.
Janesville Hay Tool Co., 122 Lake, Chicago, Ill.
Kupferle, Jno. C. (Iron & Wood), c 2d & Mound, St. ouis, Mo.
Lawrence Bros., Sterling, Ill.
Louden Machinery Co., Fairfield, Ia.
Mason, F. C. & Co., St. Johns, Mich.
Milwaukee Hay Tool Co., Milwaukee, Wis.
Myers, F. E. & Bro., Ashland, O.
National Novelty Corp., 826 B'way, New York
NATIONAL SUPPLY CO., 7 W Lom- bard, Baltimore, Md. (See adv. index, end of book)
Ney Mfg. Co., Canton, O.
Ney, V. L. Co., Canton, O.
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 27 Murray, New York
Penn Hardware Co., Reading, Pa.
Pleuger & Henger Mfg. Co., 11th & Hebert, St. Louis, Mo.
Porter, J. E. Co., Ottawa, Ill.
Reading Hardware Co., Reading, Pa.; 96 Reade, N. Y.; Phila., Pa., & Chicago, Ill.
Ricker, W. G., Rochester, N. Y.
Rock River Machine Co., Janesville, Wis.
St. Mary's Machine Co. (Clutch), St. Mary's, O.
STOWELL MFG. & FOUNDRY CO., South Milwaukee, Wis. (See adv. index, end of book)
Swett, A. L. Iron Works, Medina, N. Y.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Weller Hardware & Foundry Co., Horseheads, N. Y.
Whitman & Barnes Mfg. Co. (Hay, Sling, etc.), Akron, O.; 111 Chambers, New York; Chicago, Ill.
Wrightsville Hardware Co., Wrightsville, Pa.

Pulleys (Iron Split)

Dodge Mfg. Co., Mishawaka, Ind.; 45 Dey, New York; 168 S Clinton, Chicago; 137 Purchase, Boston, & 128 W 3d, Cincinnati, O.
MINNEAPOLIS STEEL & MACHIN- ery Co., Minneapolis, Minn. (See adv. index, end of book)
Niles-Bement-Pond Co., 130 Liberty, New York. Works, Hamilton, O., & Plainfield, N. J.
Williamsport Clutch & Pulley Co., Williamsport, Pa.

Pulleys (Loose)

McMurray, C. F. Co., Troy, N. Y.
MINNEAPOLIS STEEL & MACHIN- ery Co., Minneapolis, Minn. (See adv. index, end of book)
Nordyke & Marmon Co. (Also Tight), Indianapolis, Ind.
NORTH AMERICAN METALINE CO. (Oilless Bearing), 4 West av, Long Island City, N. Y. See adv. index, end of book)
Williamsport Clutch & Pulley Co., Williamsport, Pa.

Pulleys (Machine Moulded)

Jones, W. A. Foundry & Machine Co., 143 W North av, Chicago, Ill.
McLagon Foundry Co., New Haven, Conn.
Standard Pulley & Fdy. Co., 1228 Collins, St. Louis, Mo.

Pulleys (Paper)

Rockwood Mfg. Co., 1801 English av, Indianapolis, Ind.

Pulleys (Pressed Steel)

Oneida Steel Pulley Co. (Split), Oneida, N. Y.
Philips Pressed Steel Pulley Works ("Philips"), 4th & Glenwood av, Phila., Pa.

Pulleys (Sash)

(See Sash Pulleys.)

Pulleys (Screw)

Judd, H. L. Co., 87 Chambers, N. Y.
Ney Mfg. Co., Canton, O.
Palmer Hardware Mfg. Co., Green Island P. O., Troy, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 27 Murray, New York
Pennsylvania Hardware Co., Reading, Pa.
Reading Hdw. Co., Reading, Pa.; 96 Reade, N. Y.; Phila., Pa., & Chicago, Ill.
Russell & Erwin Mfg. Co., New Britain, Conn., & 43 Chambers, N. Y.
Stover Mfg. Co., Freeport, Ill.

Pulleys (Self-Oiling)

Cowdrey, C. H. Machine Works, Fitchburg, Mass.
Fairmount Machine Co. (Loose), 2108 Wood, Philadelphia, Pa.
LESCHEN, A. & SON ROPE CO., 920 N 1st, St. Louis, Mo.; 137 E Lake, Chicago, Ill., & 165 Washington, New York. (See adv. index, end of book)
Luther, B. G. & Co., Worcester, Mass. Chambers, New York, & Chicago, Ill.

Pulleys (Show Case)

Gardner Sash Balance Co. (Ball Bearing), 164 Dearborn, Chicago, Ill.

Pulleys (Speed Changing)

Speed Changing Pulley Co., Indianapolis, Ind.

Pulleys (Steel Face)

Federal Mfg. Co., Elyria, O.

Pulleys (Wood Rim)

Chase Pulley Co. (Iron Hub & Arms), Providence, R. I.
Dodge Mfg. Co., Mishawaka, Ind.
Federal Mfg. Co. (Steel Face), Elyria, O.
Oneida Steel Pulley Co. (Steel Centre), Oneida, N. Y.
Reeves Pulley Co. ("Reeves" Iron Spider), Columbus, Ind.

Pulleys (Wood Split)

Barnard & Leas Mfg. Co., Moline, Ill.
BROWN, A. & F. CO., 25 Dey, New York. Works, Elizabeth, N. J. (See adv. front colored page)
Burlingame, A. Co., Worcester, Mass.
Chase Pulley Co. (Wood Rim, with Iron Hubs & Arms), Providence, R. I.
Detroit Wood Pulley Co., Bellevue & Kirby av, Detroit, Mich.
Dodge Mfg. Co., Mishawaka, Ind.; 45 Dey, New York; 168 S Clinton, Chicago; 137 Purchase, Boston, Mass., & 128 W 3d, Cincinnati, O.
Eaton Mfg. Co., Eaton, Ind.
Eclipse Wood Pulley Co., Berlin, Pa.
Gurney Mfg. Co., Roan Mountain, Tenn.
Keasey Pulley Co. (Malleable Iron Centre), Albion & Bancroft, Toledo, O.
Menasha Wood Split Pulley Co., Menasha, Wis.
Ohio Pulley Co., Marion, O.
Ohio Valley Pulley Works (The Limestone), Maysville, Ky.
Oneida Steel Pulley Co. (The Fulton), Oneida, N. Y.
Phenice Mfg. Co. ("The Phenice"), Tacoma, Wash.
Reading Wood Pulley Co. (Iron & Wood Centre), Reading, Pa.
Reeves Pulley Co., Columbus, Ind.
Saginaw Mfg. Co., Saginaw, Mich.
South Bend Pulley Co., South Bend, Ind.
STRONG, CARLISLE & HAMMOND CO., 61 Frankfort, Cleveland, O. (See adv. index, end of book)
Taper Sleeve Pulley Works ("Adams" & "Tornado"), Erie, Pa.
Wales Pulley Co., Swanton, O.
Wing, J. T. & Co., 19 Woodward av, Detroit,

Pulleys (Wrought Steel)

American Pulley Co. (Split), 29th & Bristol, Philadelphia, Pa.
Davenport Foundry & Machine Co. (Split), Davenport, Ia.
Downie-Wright Mfg. Co. (Steel Rim), York, Nebr.
Federal Mfg. Co. ("Hercules" Steel Face, Wood Center), Milwaukee, Wis.
Meese & Gottfried Co. (Wrought Rim), 167 Fremont, San Francisco, Cal.
Medart Patent Pulley Co. (Wrought Rim), 3500 De Kalb, St. Louis, Mo.
STRONG, CARLISLE & HAMMOND CO., 61 Frankfort, Cleveland, O. (See adv. index, end of book)

Pulls (Closet)

Bernz, Otto (Ivory, Amber, Metal & Wood), S 13th & S Orange av, Newark, N. J.
Boekel, Wm. & Co., 518 Vine, Phila., Pa.
Emery, Wm. S. (Wood), 94 Beekman, N. Y.
Ideal Mfg. Co. (Wood), Detroit, Mich.
Ireland & Matthews Mfg. Co. (Metal), Detroit, Mich.
Lipp, Louis Co., Mitchell av & B. & O. S. W. R. R., Cincinnati, O., & 104 High, Boston, Mass.
Maddock, John & Sons (Porcelain), Trenton, N. J.
Maddock, Thos. & Sons Co. (Porcelain), Trenton, N. J.
Mott, J. L. Iron Works (Porcelain), 88 Beekman, N. Y.
Mueller, H. Mfg. Co. (Wood), Decatur, Ill.
Smith & Egge Mfg. Co. (Wood), Bridgeport, Conn.
Stortz, John & Son, 210 Vine, Phila., Pa.
Trenton Potteries Co. (Porcelain), Trenton, N.J.
Union Brass & Metal Mfg. Co. (Wood), St. Paul, Minn.
Warner, A. H. & Co. (Water Closet), Bristol, Conn.
Williams & Marvin Mfg. Co. (Wood), Deep River, Conn.
Young, Jos. H., 80 High, Boston, Mass.

Pulls, Door

Arcade Mfg. Co., Freeport, Ill.
Brewer Bros. (Wrought), 614 Filbert, Phila., Pa.
Chicago Spring Butt Co., 491 Carroll av, Chicago, Ill.
Columbian Hardware Co., Cleveland, O.; 14 Warren, New York, & 86 Michigan, Chicago, Ill.
Cronk & Carrier Mfg. Co., Elmira, N. Y.
Corbin, P. & F., New Britain, Conn.; 17 Murray, New York; 104 Lake, Chicago, & 925 Market, Philadelphia, Pa.
Mallory Wheeler Co., New Haven, Conn.
NATIONAL SUPPLY CO., 7 W Lombard, Baltimore, Md. (See adv. index, end of book)
Norwalk Lock Co., South Norwalk, Conn.
Penn Hardware Co., Reading, Pa.
Peters, Jas. & Son ,Wrought Iron), 1934 N Front, Phila., Pa.
Reading Hardware Co., Reading, Pa.; 617 Market, Philadelphia, Pa.; 98 Reade, New York, & 105 Lake, Chicago
Russell & Erwin Mfg. Co., New Britain, Conn., & 45 Chambers, New York
Sargent & Co., New Haven, Conn., & 149 Leonard, New York
Stover Mfg. Co., Freeport, Ill.
Weller Hardware & Foundry Co., Horseheads, N. Y.
Yale & Towne Mfg. Co., Stamford, Conn.; 9 Murray, New York; 131 Wabash av, Chicago; Witherspoon bldg, Phila., Pa.; 12 Pearl, Boston, Mass., & Hayward bldg, San Francisco, Cal.

Pulls (Drawer)

Arcade Mfg. Co., Freeport, Ill.
Corbin Cabinet Lock Co., New Britain, Conn.
Foster, Merriam & Co., Meriden, Conn.
Griffin Mfg. Co., Erie, Pa.
National Novelty Corp., 826 B'way, New York
Penn Hardware Co., Reading, Pa.
Shelby Spring Hinge Co., Shelby, O.
STANLEY WORKS, New Britain, Conn., & 79 Chambers, New York. See adv. index, end of book)
Stover Mfg. Co., Freeport, Ill.
Wrightsville Hardware Co., Wrightsville. Pa.

Pulls (Screen Door)

Brooks, M. S. & Sons (Also Ring Shade Pulls), Chester, Conn.
Stover Mfg. Co., Freeport, Ill.
Troy Nickel Works (John E. Gaitley, Prop'r.) ("Alaska"), Albany, N. Y.

Pulp (Asbestine)

International Pulp Co., Times bldg, New York

Pulpit and Altar Rails

Disbrow, M. A. & Co. (Wholesale Mfrs.), Lyons, Ia.
McMillen, R. Co. (Wholesale Mfrs.), Oshkosh, Wis.
Retting & Sweet (and Pulpit Furniture), Grand Rapids, Mich.
Rock Island Sash & Door Works (Wholesale Mfrs.), Rock Island, Ill.
STEARNS, A. T. LUMBER CO., Neponset, & 166 Devonshire, Boston, Mass. (See adv. index, end of book)

Pulverizers

((See Crushers, Various Kinds.)
(Also Pulverizing Machinery.)
(Also Mills, Grinding.)

Pumice Stone Importers

Behr, Herman & Co., 75 Beekman, N. Y.
Doggett, Stanley, 101 Beekman, New York.
Hammill & Gillespie, 240 Front, N. Y.
Van Amringe, Theo., 97 Beekman, N. Y.
Waddell & Co., 52 Beekman, New York

Pump Governors

(See Governors, Pump).

Pump Slimes & Tailings

Frenier, J. H., Rutland, Vt.

Pumping Engines (Hot Air)

(See Engines, Hot Air Pumping).

Pumping Machinery

(See Machinery, Pumping; also Pumps, Various Kinds.)

Pumping Outfits for Oil, Gas & Water Wells

Tate, Jones & Co. (Inc.), Empire bldg, Pittsburg, Pa.

Pumping Outfits (Horse Power)

Rumsey & Co., Ltd. (Inc.), Seneca Falls, N.Y.

Pumping Outfits (Odorless)

Edson Mfg. Co., 257 Atlantic av, Boston, Mass.

Pumps (Acid)

American Air Compressor Works (Carbonic Acid Gas), 26 Cortlandt, N. Y., & Van Grunt & Summit, Brooklyn, N. Y.
COOK, WM. H. & CO., Monadnock blk, Chicago, Ill. (See adv. index, end of book)
National Foundry & Machine Co., Louisville, Ky.
Union Steam Pump Co., Battle Creek, Mich.
Wells, F. C. (Est. of), 116 S Clinton, Chicago

Pumps (Air)

Allis-Chalmers Co., Home Ins. Co., Chicago, Ill., & Works, Milwaukee, Wis., & Scranton, Pa.
American Steam Pump Co., Battle Creek, Mich.
Barr Pumping Engine Co., Gtn, Junction, Phila., Pa.
Blakeslee Mfg. Co., Du Quoin, Ill.
Burton & Johnson, 107 W Centre, Cleveland, O.
Cameron, A. S. Steam Pump Works, ft E 23d, New York
Clayton Air Compressor Works, 114 Liberty, N. Y.
Comstock, A. S. (Motor Driven), Evanston, Ill.
Davidson, M. T., 141 B'way, New York; 43 Keap, Brooklyn, N. Y.
Dean Bros.' Steam Pump Works (Twin Cylinder), Indianapolis, Ind.
Deming Co., Salem, O.
Douglas, W. & B., Middletown, Conn.; 83 John, New York
Dow, Geo. E. Pumping Co., 179 1st, San Francisco, Cal.
Engine Gage & Valve Co., 97 Oliver, Boston, Mass.; 21 W Lake, Chicago, Ill., & 78 John, New York
FILER & STOWELL, Becher & Ziemer, Milwaukee, Wis. (See adv, index, end of book)
Foster Pump Works, 224 Plymouth, Brooklyn, N. Y.
Fritsch, Francis Mfg. Co., 223 W McMicken av, Cincinnati, O.
Garratt, W. T. & Co., 138 Fremont, San Francisco, Cal.
Gleason-Peters Air Pump Co., 20 W Houston, New York
Globe Brass Co., 13 Macomb st., Detroit, Mich.
Goulds Mfg. Co., Seneca Falls, N. Y., & 16 Murray, N. Y.
Hess, Snyder Co. (Hand), Massillon, O.
Ingersoll-Sergeant Drill Co. (Pable Air Lift Pump), Havemeyer bldg, New York
International Steam Pump Co., 120 Liberty, N. Y.
Lawler Water, Feed & Damper Regulator Co., 20 W Houston, New York
Leather & Brass Mfg. Co. (Hand Air Pumps for Drawing Liquids), Auburn, N. Y.
Manistee Iron Works, Manistee, Mich.
Maschinenfabrick Grevenbroich, 76 William, New York
Mason Regulator Co., 158 Summer, Boston, Mass.
MINNEAPOLIS STEEL & MACHINERY Co., Minneapolis, Minn. (See adv. index, end of book)
National Foundry & Machine Co., Louisville, Ky.
N. Y. Air Brake Co., 66 B'way, New York, & Fisher bldg., Chicago, Ill.
Ohio Pump & Brass Co. ("Triumph," Physicians' & Surgeons' Hydraulic), 18th & Oak, Columbus, O.
Pattin Bros. Co., Marietta, O.
Pneumatic Engineering Co. ("Halsey"), 85 Cedar, N. Y.
Pulling, Jas. G. & Co., Columbus, O.
RELIANCE MACHINE & TOOL WKS, 3333 Franklin av, St. Louis, Mo.
Roberts, Geo. I. & Bros. (Inc.), 473 4th av, New York
Rumsey & Co., Ltd. (Inc.), Seneca Falls, N. Y.
Scott Valve Co., 32 W Randolph, Chicago, Ill.
Snider-Hughes Co., Cleveland, O.
Strater, Herman & Sons (Beer), 74 Sudbury, Boston, Mass.
Union Iron Works (and Condenser), San Francisco, Cal.
Union Steam Pump Co. (Direct Acting), Battle Creek, Mich.
Warren Steam Pump Co. (and Condensers), Warren, Mass.
Wells, F. C. (Est. of), 116 S Clinton, Chicago, Ill.
Wheeler Condenser & Engineering Co. ("Edwards," for Marine Engines), 42 B'way, N. Y.

Pumps (Air Chamber)

Hercules Float Works, Springfield, Mass.
Wilder, Sidney & Co., Holliston, Mass.

Pumps (Air Lift)

American Steam Pump Co., Battle Creek, Mich.
Bacon Air Lift Co., 92 William, New York
Clayton Air Compressor Works, 114 Liberty, N. Y.
Foster Pump Works (Inc.), 224 Plymouth, Brooklyn, N. Y.
Hall Steam Pump Co., Allegheny, Pa.
INGERSOLL-SERGEANT DRILL CO., The ("Pohle & Saunders"), 26 Cortlandt, New York. Offices, Old Colony bldg, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton blg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 1st av, Seattle, Wash.; Corestine bldg, Montreal, Canada; Mexico City. Calle 2a de Dolores No. 20, Mexico, D. F.; London, Eng., 114a Queen Victoria st; Paris, France, 51 Rue de la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence st; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co.; Lima, Peru, W .R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv. index, end of book)
NORWALK IRON WORKS CO., South Norwalk, Conn. (See adv. index, page 1200
Pneumatic Engineering Co. ("Harris" System), 85 Cedar, New York

Pumps (Ammonia)

COOK, WM. H. & CO., Monadnock blk, Chicago, Ill. See adv. index, end of book)
Foster Pump Works (Inc.), 224 Plymouth, Brooklyn, N. Y.
GUILD & GARRISON, Kent av & S 10th, Brooklyn, N. Y.
National Foundry & Machine Co., Louisville, Ky.
National Steam Pump Co., Upper Sandusky, O.

Pumps (Artesian Well)

American Steam Pump Co., Battle Creek, Mich
Cook, A. D., Lawrenceburg, Ind.
Cook-Well Co., 15 S 4th, St. Louis, Mo.
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
Deming Co., Salem, O.
Epping-Carpenter Co. (Direct Acting), Pittsburg, Pa.
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati, O.; 99 Water, Cleveland, O.; 89 Jefferson, Detroit, Mich.; 519 Main, Louisville, Ky.; 140 S Meridian, Indianapolis, Ind.; 8th & Clark av, St. Louis, Mo.; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul, Minn.; 220 Nicollet av, Minneapolis, Minn.; 1102 Farnam, Omaha, Neb.; 1600 17th, Denver, Colo.; 136 Los Angeles, Los Angeles, Cal.; 310 Market, San Francisco, Cal.; 1st & Stark, Portland, Ore.; 218 S. W. Temple, Salt Lake City, Utah; 133 Liberty, N. Y.; 126 Southwark, S. E., London. Eng. (See adv. index, end of book)
Flint & Walling Mfg. Co., Kendallville, Ind.
Foster Pump Works (Inc.), 224 Plymouth, Brooklyn, N. Y.
International Steam Pump Co., 120 Liberty, N. Y., & Chicago, Ill.
Luitwieler Pumping Engine Co. ("Non-Pulsating Balanced"), Los Angeles, Cal.
National Foundry & Machine Co., Louisville Co.
National Steam Pump Co., Upper Sandusky, O.
Jarecki Mfg. Co., Erie, Pa., & Pittsburg, Pa.
Platt Iron Works Co., Dayton, O., & 93 Liberty, New York
Union Steam Pump Co., Battle Creek, Mich.
U. S. Wind Engine & Pump Co., Batavia, Ill.

Pumps (Automatic)

Cameron, A. S. Steam Pump Works, ft. E 23d, N. Y.
COOK, WM. H. & CO., Monadnock blk, Chicago, Ill. (See adv. index, end of book)
QUIMBY, W. E. (Inc.), 141 B'way, N. Y. (See adv. index, end of book)

Pumps (Automobile)

COOK, WM. H. & CO., Monadnock blk, Chicago, Ill. (See adv. index, end of book)
Leather & Brass Mfg. Co. (Ultra Compound), Auburn, N. Y.
LUNKENHEIMER CO. General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, New York, & 35 Great Dover st., London, S. E., England. (See adv. index, end of book)
Union Steam Pump Co. (Air Feed), Battle Creek, Mich.

Pumps (Belt-Driven)

Baldwinsville Centraifugal Pump Works (Irvin Van Wie, Prop.), 715 W Fayette, Syracuse, N. Y.
Cameron, A. S. Steam Pump Works, ft. of E 23d, N. Y.
Carbondale Machine Co., Carbondale, Pa.
COOK, WM. H. & CO., Monadnock blk, Chicago, Ill. (See adv. index, end of book)
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati, O.; 99 Water, Cleveland, O.; 89 Jefferson, Detroit, Mich.; 519 Main, Louisville, Ky.; 140 S Meridian, Indianapolis, Ind,; 8th & Clark av, St. Louis, Mo.; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul, Minn.; 220 Nicollet av, Minneapolis, Minn.; 1102 Farnam, Omaha, Neb.; 1600 17th, Denver, Colo.; 136 Los Angeles, Los Angeles, Cal.; 310 Market, San Francisco, Cal.; 1st & Stark, Portland, Ore.; 218 S. W. Temple, Salt Lake City, Utah; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
MORRIS MACHINE WORKS, Baldwinsville, N. Y. (See adv. index, end of book)
Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.
QUIMBY, W. E. (Inc.), 141 B'way, N. Y. (See adv. index, end of book)

Pumps (Bicycle)

Bishop & Babcock Co., Cleveland, O.
Braunsdorf-Muller Co., Elizabeth, N. J.
Bridgeport Brass Co., Bridgeport, Conn., & 19 Murray, New York
Bridgeport Gun & Implement Co., Bridgeport, Conn.
Ingersoll, Robt. H. & Bro., 51 Maiden lane, N.Y
Leather & Brass Mfg. Co., Auburn, N. Y.
Rome Bicycle Mfg. Co., Rome, N. Y.
Smith, D. B. & Co., Utica, N. Y.

Pumps (Bilge)

Blakeslee Mfg. Co. (Inc.), Du Quoin, Ill.
COOK, WM. H. & CO., Monadnock blk, Chicago, Ill. (See adv. index, end of book)
Epping-Carpenter Co., Pittsburg, Pa.
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati, O.; 99 Water, Cleveland, O.; 89 Jefferson, Detroit, Mich.; 519 Main, Louisville, Ky.; 140 S Meridian, Indianapolis, Ind.; 8th & Clark av, St. Louis, Mo.; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul, Minn.; 220 Nicollet av, Minneapolis, Minn.; 1102 Farnam, Omaha, Neb.; 1600 17th, Denver, Colo.; 136 Los Angeles, Los Angeles, Cal.; 310 Market, San Francisco, Cal.; 1st & Stark, Portland, Ore.; 218 S. W. Temple, Salt Lake City, Utah; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)

MORRIS MACHINE WORKS, Bald-
winsville, N. Y. (See adv. index, end of book)
Rumsey & Co., Ltd. (Inc.) (Ships, Main & Bilge), Seneca Falls, N. Y.

Pumps (Boiler Feed)

Aetna Foundry & Machine Co., Springfield, Ill.
American Steam Pump Co., Battle Creek, Mich.
Baldwinsville Centrifugal Pump Works (Irvin Van Wie, Prop.), Syracuse, N. Y.
Baragwanath, Wm. & Son, 52 W Division, Chicago, Ill.
Barr Pumping Engine Co., 922 Gtn Junction, Phila., Pa.
Berry Engineering Co., 610 Crosby, Chester, Pa.
Bishop, Wm. Sons (Brass & Copper), 205 South, N. Y.
Blake, W. H. Steam Pump Co., Fitchburg, Mass.
Blakeslee Mfg. Co. (Inc.), Du Quoin, Ill., & Birmingham, Ala
Boyts, Porter & Co. (Special), Connellsvill, Pa.
Burton & Johnson, 107 W Center, Cleveland, O.
Cameron, A. S. Steam Pump Works, ft. E 23d, N. Y.
Cameron Tennant Machine Works, Richmond, Va.
Canton Pump Co., Canton, O.
Crawford & McCrimmon Co., Brazil, Ind.
d'Auria Pumping Engine Co., Rooms 941-94 Drexel bldg, Phila., Pa.
Davidson, M. T., 43 Keap, B'klyn, N. Y.; 14 B'way, N. Y.
Davis, I. B. & Son, Hartford, Conn.
Dean Bros.' Steam Pump Works, Indianapolis Ind.
Deming Co. (Hand), Salem, O.
Douglas, W. & B., Middletown, Conn.; 85 John, N. Y., & 197 Lake, Chicago, Ill.
Epping-Carpenter Co., 41st & A. V. Ry., Pittsburg, Pa.
FAIRBANKS, MORSE & CO., Frank-lin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati, O.; 99 Water, Cleveland, O.; 89 Jefferson, Detroit, Mich.; 519 Main, Louisville, Ky.; 140 S Meridian, Indianapolis, Ind.; 8th & Clark av, St. Louis, Mo.; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul, Minn.; 220 Nicollet av, Minneapolis, Minn.; 1102 Farnam, Omaha, Neb.; 1600 17th, Denver, Colo.; 136 Los Angeles, Los Angeles, Cal.; 310 Market, San Francisco, Cal.; 1st & Stark, Portland, Ore.; 218 S. W. Temple, Salt Lake City, Utah; 133 Liberty, N. Y.; 126 Southwark, S. E., Londong Eng. (See adv. index, end of book)
Foster Pump Works, 224 Plymouth, Brooklyn, N. Y.
Gardner Governor Co., Quincy, Ill.
Gleason-Bailey Sciple Co. (Ltd.), Seneca Falls, N. Y., & 20 W. Houston, N. Y.
Goulds Mfg. Co., Seneca Falls, N. Y., & 16 Murray, New York
Hall Steam Pump Co., Allegheny, Pa.
Heisler Pumping Engine Co., Westinghouse bldg, Pittsburg, Pa.
Hill Machine Co., Anderson, Ind.
Hooker Steam Pump Co., 101 N 3d, St. Louis, Mo.
International Steam Pump Co., 120 Liberty, N.Y.
Jeansville Iron Works Co., Jeansville, Pa.
Kelley, Benj. F. & Son (Economical Boiler & Tank Feed Pumps), 91 Liberty, N. Y.
Kensington Engine Works (Ltd.), Beach & Vienna, Phila., Pa.
Kenney & Co., Scottdale, Pa.
Keystone Engine & Mach. Works, 112 Drexel ct, Phila., Pa.
Lackawana Pump Works, Scranton, Pa.
Lucas, C. O. & Co., Greenville, O.
McGowan, Jno. H. Co., 56 Central av, Cincinnati, O.
Manistee Iron Works Co., Manistee, Mich.
Marion Machine & Tool Co., Marion, Ind.
Mason Regulator Co., Boston, Mass.
MINNEAPOLIS STEEL & MACHIN-ery Co. (Belt Driven or Geared), Minneapolis, Minn. (See adv. index, end of book)
Moline Pump Co. (Hand), Moline, Ill.
Myers, F. E. & Bro., Ashland, O.
Nason Mfg. Co., 71 Beekman, New York
National Foundry & Machine Co., Louisville, Ky.
National Steam Pump Co., Upper Sandusky, O.
Noye Mfg. Co. (Run by Belt), Buffalo, N. Y.
Pattin Bros Co., Marietta, O.
Platt Iron Works Co., Dayton, O., & 93 Liberty, New York
Prescott, Frcd. M. Steam Pump Co., Milwaukee, Wis.
Pulling, Jas. G. & Co., Columbus, O.
RELIANCE MACHINE & TOOL WKS., 3333 Franklin av, St. Louis, Mo.
Roberts, G. J. Co., Dayton, O.
Roots, P. H. & F. M. Co., Connersville, Ind., & 120 Liberty, New York
Rumsey & Co., Ltd. (Inc.), Seneca Falls, N. Y. end of book)
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)
Scranton Steam Pump Co., Scranton, Pa.
Smeallie Bros., Amsterdam, N. Y.
Snider-Hughes Co., Sheridan & C. & P. R. R., Cleveland, O.
Stewart Heater Co., Buffalo, N. Y.
Trevor Mfg. Co., Lockport, N. Y.
Union Steam Pump Co., Battle Creek, Mich.
Union Steam Specialty Co. ("Scranton" Duplex), Scranton, Pa.
Warren Steam Pump Co., Warren, Mass.
Weir & Craig Mfg. Co., 2439 Wallace, Chicago
Wells, F. C. (Est. of), 116 S Clinton, Chicago, Ill.
Wilson-Snyder Mfg. Co., Ross & Water, Pittsburg, Pa.

*Pumps (Boiler Testing)

Bethlehem Foundry & Machine Co. (Hydraulic Pressure), South Bethlehem, Pa.
Cleveland Steam Gauge Co., 106 Mervine, Cleveland, O.
Crosby Steam Gage & Valve Co., 95 Oliver, Boston, Mass.; 21 W. Lake, Chicago, Ill., & 78 John, N. Y.
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
Deming Co., Salem, O.
Douglas, W. & B., Middletown, Conn.; 82 John, New York, & 197 Lake, Chicago, Ill.
Goulds Mfg. Co., Seneca Falls, N. Y., & 16 Murray, New York
Henderer's, A. L. Sons, Wilmington, Del.
Rumsey & Co., Ltd. (Inc.), Seneca Falls, N.Y.
Scovill Mfg. Co., Waterbury, Conn.; 423 Broome N. Y., & 210 Lake, Chiacgo, Ill.

Pumps (Brass)

Barnes Mfg. Co., Mansfield, O.
Bishop's, Wm. Sons, 205 South, N. Y.
Bridgeport Brass Co., Bridgeport, Conn, & 19 Murray, New York
COOK, WM. H. & CO., Monadnock blk, Chicago, Ill. (See adv. index, end of book)
Crook-Horner & Co., 303 N Howard, Baltimore, Md.
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
Deming Co., Salem, O.
Douglas, W. & B., Middletown, Conn.; 83 John, New York, & 197 Lake, Chicago, Ill.
Goulds Mfg. Co., Seneca Falls, N. Y., & 16 Murray, New York
Harris Pump & Supply Co., 320 2d av, Pittsburg, Pa.
Haydenville Co., Haydenville, Mass., & 150 Nassau, N. Y.
Huber, Henry Co., 244 5th av, N. Y.
Humphryes Mfg. Co., Mansfield, O.
Illinois Malleable Iron Co., 30 W Monroe, Chicago, Ill.
Kirkup, Robt. & Co., 620 Lodge, Cincinnati, O.
Lawler Water Feed & Damper Regulator Co., 181 Mercer, New York
McDonald, A. Y. & Morrison Mfg. Co., Dubuque, Iowa
McShane, Henry, Mfg. Co., Baltimore, Md.
MORRIS MACHINE WORKS, Bald-winsville, N. Y. (See adv. index, end of book)
Murdock, J. G. & Co., 428 Plum, Cincinnati, Ohio
Nason Mfg. Co., 71 Beekman, N. Y.
Reynolds, M. Plumbers' Supply Co., 25 Centre, N. Y.
Rumsey & Co., Ltd. (Inc.), Seneca Falls, N.Y.
Union Mfg. Co., New Britain, Conn., & 103 Chambers, New York

Pumps, Brewery

(See Pumps, Steam.)

Pumps (Brine)

Foster Pump Works (Inc.), 36 Bridge, Brooklyn, N. Y.
National Foundry & Machine Co., Louisville, Ky., & 149 B'way, New York
QUIMBY, WM. E. (Inc.) (Circulat-ing). (See adv. index, end of book)

Pumps (Centrifugal)

Baldwinsville Centrifugal Pump Works (Irvin Van Wie, Prop.), 715 W Fayette, Syracuse, N. Y.
Barnes Mfg. Co., Mansfield, O.
Beatty, M. & Sons, Welland, Ontario, Canada
Boggs & Clarke, 535 S Clinton, Syracuse, N. Y.
Bucyrus Co. (Dredging), S Milwaukee, Wis.
Buffalo Forge Co., Buffalo, N. Y.
Burroughs, Chas. Co., 141 Commerce, Newark, N. J.
Carlin Machinery & Supply Co., 103 Lacock, Allegheny, Pa.
Charleston Iron Works, Charleston, S. C.
COOK, WM. H. & CO. ("Brooks" for Architects, Plumbers, Engineers, R. R. Contractors, etc.), Monadnock bldg, Chicago, Ill. (See adv. index, end of book)
Craft, Jesse, 260 Front, New York
Davis-Johnson Co., 47 S Canal, Chicago
Deming Co., Salem, O.
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y., & 42 Dey, N. Y. (See adv. index, end of book)
Douglas, W. & B., Middletown, Conn.; 83 John, New York, & Chicago, Ill.
Edwards, Jos. & Co. ("Cataract"), 412 Water, New York
Emerson Mfg. Co., Lawrence, Mass.
Erie Pump & Engine Co., Erie, Pa.
Eureka Bark Mill Co., Lancaster, Pa.
FAIRBANKS, MORSE & CO., Frank-lin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati, O.; 99 Water, Cleveland, O.; 89 Jefferson, Detroit, Mich.; 519 Main, Louisville, Ky.; 140 S Meridian, Indianapolis, Ind.; 8th & Clark av, St. Louis, Mo.; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul, Minn.; 220 Nicollet av, Minneapolis, Minn.; 1102 Farnam, Omaha, Neb.; 1600 17th, Denver, Colo.; 136 Los Angeles, Los Angeles, Cal.; 310 Market, San Francisco, Cal.; 1st & Stark, Portland, Ore.; 218 S. W. Temple, Salt Lake City, Utah; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Friction Pulley & Machine Works, (for Paper Mills, etc.), Sandy Hill, N. Y.
Garratt, W. T. & Co., 142 Fremont, San Francisco, Cal.
Goulds Mfg. Co., Seneca Falls, N. Y., & 16 Murray, New York
Great Lakes Engineering Works, Rivard & Detroit River, Detroit, Mich.
Humphryes Mfg. Co., Mansfield, O.
Jackson, Byron Machine Works, 411 Market, San Francisco, Cal.
Kansas City Hay Press Co., Kansas City, Mo.
Kingsford Foundry & Machine Works, Oswego, N. Y.
Krogh Mfg. Co., San Francisco, Cal.
Lake City Engineering Co., Erie, Pa.
Lawrence Machine Co., Lawrence, Mass.
Luitwieler Pumping Engine Co. ("Deep Well"), Los Angeles, Cal.
Maslin, Jno. & Son, 163 1st, Jersey City, N. J.
Morris, I. P. Co., Beach & Ball, Phila., Pa.
MORRIS MACHINE WORKS, Bald-winsville, N. Y. (See adv. index, end of book)
MUNDY, J. S., 22 Prospect, Newark, N. J. (See adv. front colored page)
Reliance Machine & Tool Works, 3341 Franklin av, St. Louis, Mo.
Rumsey & Co., Ltd. (Inc.), Seneca Falls, N.Y.
SHAW, WILLIS, 171 Lasalle, Chi-cago. (See adv. index, end of book)
Southwark Foundry & Machine Co., Washington av & 5th, Phila., Pa.
Toledo Foundry & Machine Co., Toledo, O.
UNION ELEVATOR & MACHINE CO., 144 Ontario, Chicago, I.. (See adv. index end of book)
Wheeler Condenser & Engineering Co. (The ("Wheeler" Improved), 42 B'way, New York
Wood, R. D. & Co., 400 Chestnut, Phila., Pa.
Yeatman, John A. & Co. (Eclipse), 13 1st, San Francisco, Cal.

Pumps (Centrifugal, Water Tank)

Brown & Sharpe Mfg. Co., Providence, R. I.
COOK, WM. H. & CO., Monadnock blk, Chicago, Ill. (See adv. index, end of book)
Urie Boiler & Machine Co., Kansas City, Mo.

Pumps (Chain)

American Pump & Supply Co., Toledo, O.
Bellevue Pump Co., Bellevue, Ia.
Biggs, B. F. Pump Co., Lafayette, Ind.
Bucket Pump Co., Cincinnati, O.
Cedar Rapids Pump Co., Cedar Rapids, Ia.
Comstock & Coonse Co., Indianapolis, Ind.
Douglass-Clark Co., Lafayette, Ind.
I. X. L. & Goshen Pump Co., Goshen, Ind.
King, M. J. & Son, Collins Centre, N. Y.
McDonald, A. Y. & Morrison Mfg. Co., Dubuque, Ia.
Pfender Bros., Evansville, Ind.
St. Joseph Pump & Mfg. Co., St. Joseph, Mo.
Temple Pump Co., Chicago, Ill.
Union Mfg. Co., New Britain, Conn.
Wyckoff, A. & Son Co., Elmira, N. Y.

Pumps (Cistern)

Althouse-Wheeler Co. (Close Top, Pitcher Spout), Waupun, Wis.
Athol Pump Co., Athol, Mass.
Barnes Mfg. Co., Mansfield, O.
Bellevue Pump Co., Bellevue, Ia.
Cedar Rapids Pump Co., Cedar Rapids, Ia.
COOK, WM. H. & CO., Monadnock blk, Chicago, Ill. (See adv. index, end of book)
Deming Co., Salem, O.
Douglas, W. & B., 83 John N. Y.; Middletown, Conn., & 197 Lake, Chicago, Ill.
Electric Novelty Co., 43 Monroe, Memphis, Tenn.
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati, O.; 99 Water, Cleveland, O.; 89 Jefferson, Detroit, Mich.; 519 Main, Louisville, Ky.; 140 S Meridian, Indianapolis, Ind.; 8th & Clark av, St. Louis, Mo.; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul, Minn.; 220 Nicollet, Minneapolis, Minn.; 1102 Farnam, Omaha, Neb.; 1600 17th, Denver, Colo.; 136 Los Angeles, Los Angeles, Cal.; 310 Market, San Francisco, Cal.; 1st & Stark, Portland, Ore.; 218 S. W. Temple, Salt Lake City, Utah; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Flint & Walling Mfg. Co., Kendallville, Ind.
Gleason, Bailey & Sciple Co. (Ltd.), Seneca Falls, N. Y., & 20 W Houston, N. Y.
Goulds Mfg. Co., Seneca Falls, N. Y., & 16 Murray, New York
ray, New York, & 24 N Canal, Chicago, Ill.
Hayes Pump & Planter Co., Galva, Ill.
Hess, Snyder Co., Massillon, O.
I. X. L. & Goshen Pump Co. (and Well), Goshen, Ind.
Lawler Water Feed & Damper Regulator Co., 181 Mercer, New York
McGowan, John H. Co., 58 Central av, Cinn., O.
McShane, Henry, Mfg. Co., 441 North, Baltimore, Md.
Myers, F. E. & Bro., Ashland, O.
Moline Pump Co., Moline, Ill.
Queen City Engineering Co., Buffalo, N. Y.
Rumsey & Co., Ltd. (Inc.), Seneca Falls, N.Y.
Union Mfg. Co., New Britain, Conn., & 103 Chambers, N. Y.
U. S. Pump & Supply Co. (Well), Toledo, O.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Wilder, Sidney & Co., Holliston, Mass.

Pumps (Condenser)

(See Condensers, Steam.)

Pumps (Contractors', for Sewers & Foundations)

Baldwinsville Centrifugal Pump Works, 715 Fayette, Syracuse, N. Y.
Boggs & Clarke, 535 S Clinton, Syracuse, N. Y.
COOK, WM. H. & CO. ("Brooks" Centrifugal), Monadnock blk, Chicago, Ill. (See adv. index, end of book)
Craft, Jesse, 260 Front, New York.
Deming Co., Salem, O.
Douglas, W. & B., 87 John, N. Y.; Middletown, Conn., & 197 Lake, Chicago, Ill.
Edson Mfg. Co., 257 Atlantic av, Boston, Mass.
Erie Pump & Engine Co., Erie, Pa.
Goulds Mfg. Co., Seneca Falls, N. Y., & 16 Murray, New York
Lawrence Machine Co., Lawrence, Mass.
MacLeod, Walter & Co., 463 E Front, Cincinnati, O.
MORRIS MACHINE WORKS, Baldwinsville, N. Y. (See adv. index, end of book)
PULSOMETER STEAM PUMP CO., 17 Battery pl, New York. (See adv. index, end of book)
UNION ELEVATOR & MACHINE CO., 144 Ontario, Chicago. (See adv. index, end of book)
Union Hardware Co. (by Hand-power), Torrington, Conn.

Pumps (Copper)

Athol Pump Co., Athol, Mass.
Bishop's, Wm. Sons, 205 South, New York
Foskett & Bishop Co., New Haven, Conn.
Sands, Alfred B. & Son, 134 Beekman, N. Y.
Springfield Brass Co. (House), Springfield, Mass.
Union Mfg. Co., New Britain, Conn., & 103 Chambers, N. Y.
Wilder, Sidney & Co., Holliston, Mass.

Pumps (Cornish)

Allis-Chalmers Co., Home Ins. bldg, Chicago, Ill. Works, Milwaukee, Wis., & Scranton, Pa.
Goulds Mfg. Co., Seneca Falls, N. Y., & 16 Murray, New York
Griffith & Wedge Co., Zanesville, O.
Hendy, Joshua Machine Works, 38 Fremont, San Francisco, Cal.
Morris County Machine & Iron Co., Dover, N. J.
Union Iron Works, 222 Market, San Francisco, Cal.
Vulcan Iron Works, Wilkesbarre, Pa.

Pumps (Creamery)

American Steam Pump Co., Battle Creek, Mich.
Baldwinsville Centrifugal Pump Works (Irvin Van Wie, Prop.), 715 W Fayette, Syracuse, N. Y.
COOK, WM. H. & CO., Monadnock blk, Chicago, Ill. (See adv. index, end of book)
Union Steam Pump Co., Battle Creek, Mich.
Weir & Craig Mfg. Co., 2439 Wallace, Chicago

Pumps (Deck)

(See Pumps, Ship & Deck.)

Pumps (Deep Artesian Well, Steam)

AMERICAN WELL WORKS, Aurora, Ill., U. S. A.; Chicago, Ill.; Dallas, Tex., & 2 Stone, New York. (See adv. index, end of book)

Pumps (Deep Well)

American Steam Pump Co., Battle Creek, Mich.
AMERICAN WELL WORKS, Aurora, Ill.; Dallas, Tex.; Chicago, Ill., & 2 Stone, New York. (See adv. index, end of book)
Baldwinsville Centrifugal Pump Works (Irvin Van Wie, Prop.), 715 W Fayette, Syracuse, N. Y.
Boyts, Porter & Co. (Vertical), Connellsville, Pa.
Cameron, A. S. Steam Pump Works, ft E 23d N. Y
Chase Foundry & Mfg. Co., Columbus, O.
Cook Well Co., 15 S 4th, St. Louis, Mo.
Darling Pump & Mfg. Co. (Ltd.), Williamsport Pa.
Deming Co., Salem, O.
Downie Pump Co., Downieville, Pa.
Epping-Carpenter Co., Pittsburg, Pa.
Evans, C. H. & Co., San Francisco, Cal.
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati, O.; 99 Water, Cleveland, O.; 89 Jefferson, Detroit, Mich.; 519 Main, Louisville, Ky.; 140 S Meridian, Indianapolis, Ind.; 8th & Clark av, St. Louis, Mo.; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul, Minn.; 220 Nicollet, Minneapolis, Minn.; 1102 Farnam, Omaha, Neb.; 1600 17th, Denver, Colo.; 136 Los Angeles, Los Angeles, Cal.; 310 Market, San Francisco, Cal.; 1st & Stark, Portland, Ore.; 218 S. W. Temple, Salt Lake City, Utah; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Foster Pump Works (Inc.), 224 Plymouth, Brooklyn, N. Y.
Garratt, W. T. & Co., 142 Fremont, San Francisco, Cal.
Goulds Mfg. Co., Seneca Falls, N. Y., & 16 Murray, New York
Hall Steam Pump Co., Allegheny, Pa.
Hess-Snyder Co., Massillon, O.
Hill Machine Co., Anderson, Ind.
Jarecki Mfg. Co. (Brass), Erie, Pa., & Pittsburg, Pa.
McGowan, John H. Co., 58 Central av, Cincinnati, O
Luitweiler Pumping Engine Co., Los Angeles, Cal.
Manistee Iron Works Co., Manistee, Mich.
Myers, F. E. & Bro., Ashland, O.
National Foundry & Machine Co., Louisville, Ky.
National Steam Pump Co., Upper Sandusky, O.
Platt Iron Works Co. (Power), Dayton, O., & 93 Liberty, New York
Pulling, Jas. G. & Co., Columbus, O.
RELIANCE MACHINE & TOOL WKS, 3333 Franklin av, St. Louis, Mo.
Rumsey & Co. (Ltd.) (Inc), Seneca Falls, N. Y.
Warren Steam Pump Co., Warren, Mass.
Wilder, Sidney & Co., Holliston, Mass.

Pumps (Dredging)

(See Pumps, Sand & Dredging.)

Pumps (Diaphragm)

Barnes Mfg. Co., Mansfield, O.
Boston & Lockport Block Co., 142 Commercial, Boston; 33 South, New York, & Lockport, N. Y.
Edson Mfg. Co. (Force Lift), 257 Atlantic av, Boston, Mass.
Lawler Water Feed & Damper Regulator Co., 181 Mercer, New York
Platt Iron Works Co., Dayton, O., & 93 Liberty, New York
Rumsey & Co., Ltd. (Inc.), Seneca Falls, N.Y.
UNION ELEVATOR & MACHINE CO., 144 Ontario, Chicago, Ill. (See adv. index, end of book)
Union Hardware Co., Torrington, Conn.

Pumps (Drip, for Gas Companies)

Gleason, E. P. Mfg. Co., 20 W Houston, N. Y.

Pumps (Electric)

Baldwinsville Centrifugal Pump Works (Irvin Van Wie, Prop.), 715 W Fayette, Syracuse, N. Y.
Boyts, Porter & Co., Connellsville, Pa.
Burdett-Rountree Mfg. Co. (Air), 85 W Jackson boul, Chicago, Ill., & 120 Liberty, N. Y.
Commercial Electric Co., Indianapolis, Ind.
COOK, WM. H. & CO., Monadnock blk, Chicago, Ill. (See adv. index, end of book)
Cutler-Hammer Mfg. Co., Milwaukee, Wis.; Chicago, Ill., & 136 Liberty, New York
Davidson, M. T., 141 B'way, N. Y.; 43 Keap, Brooklyn, N. Y., & 30 Oliver, Boston, Mass.
Deming Co., Salem, O.
Douglass, W. & B., Middletown, Conn.; 83 John, N. Y., & 197 Lake, Chicago, Ill.
Dow, Geo. E. Pumping Engine Co., 179 1st, San Francisco, Cal.
ELEKTRON MFG. CO., Springfield, Mass.; 156 5th av, New York; 179 Lincoln, Boston, Mass.; Washington Loan & Trust Co. bldg, Washington, D. C., & 408 Orchard, Rochester, N. Y. (See adv. index, end of book)

Emerson Electric Mfg. Co., 2030 Washington av, St. Louis, Mo.
Erwin & Welch (Automatic), 35 S Canal, Chicago, Ill.
Garratt, W. T. & Co., 138 Fremont, San Francisco, Cal.
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, New York. (See adv. index, end of book)
Goodman Mfg. Co., 39th & Stewart av, Chicago, Ill.
Goulds Mfg. Co., Seneca Falls, N. Y., & 16 Murray, New York
Col. (See adv. index, end of book)
International Steam Pump Co., 120 Liberty, N. Y.
Jeansville Iron Works Co., Hazelton, Pa.
JEFFREY MFG. CO., Columbus, O.; 41 Dey, N. Y., & Equitable bldg, Denver,
Lawrence Machine Co., Lawrence, Mass., & 39 Cortlandt, N. Y.
Luitwieler Pumping Engine Co. ("Non-Pulsating Balanced"), Los Angeles, Cal.
McGowan, John H. Co., 56 Central av, Cincinnati, O.
Morris Machine Works (Centrifugal, etc.), Baldwinsville, N. Y.
National Steam Pump Co., Upper Sandusky, O.
New York Air Brake Co., 66 B'way. N. Y., & Fisher bldg, Chicago
Phoenix Electric Mfg. Co., Mansfield, O.
Platt Iron Works Co., Dayton, O., & 93 Liberty, New York
QUIMBY, WM. E., Inc. (Direct Connected), 141 B'way, New York. (See adv. index, end of book)
Quincy Engine Works, Quincy, Ill.
Roots, P. H. & F. M. Co., Connersville, Ind., & 120 Liberty, New York
Rumsey & Co., Ltd. (Inc.), Seneca Falls, N.Y.

Pumps (Elevator)

Blakeslee Mfg. Co., Du Quoin, Ill.
Bliss, E. W. Co., 19 Adams, Brooklyn, N. Y.
Burton & Johnson, 107 W Center, Cleveland, O.
Canton Pump Co., Canton, O.
COOK, WM. H. & CO., Monadnock blk, Chicago, Ill. (See adv. index, end of book)
Davidson, M. T., 141 B'way, N. Y.; 43 Keap. Brooklyn, N. Y., & 30 Oliver, Boston, Mass.
Dean Bros.' Steam Pump Works, Indianapolis, Ind.
Douglas, W. & B., Middletown, Conn.; 83 John, N. Y., & 197 Lake, Chicago, Ill.
Epping-Carpenter Co., Pittsburg, Pa.
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati, O.; 99 Water, Cleveland, O.; 89 Jefferson, Detroit, Mich.; 519 Main, Louisville, Ky.; 140 S Meridian, Indianapolis, Ind.; 8th & Clark av, St. Louis, Mo.; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul, Minn.; 220 Nicollet av, Minneapolis, Minn.; 1102 Farnam, Omaha, Neb.; 1600 17th, Denver, Colo.; 136 Los Angeles, Los Angeles, Cal.; 310 Market, San Francisco, Cal.; 1st & Stark, Portland, Ore.; 218 S. W. Temple, Salt Lake City, Utah; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Gardner Governor Co., Quincy, Ill.
Garratt, W. T. & Co., San Francisco, Cal.
Goodman Mfg. Co., 48th pl & S Halsted, Chicago. Ill.
Goulds Mfg. Co., Seneca Falls, N. Y., & 16 Murray, New York
Hall Steam Pump Co., Allegheny, Pa.
International Steam Pump Co., 120 Liberty, N. Y.
Luitwieler Pumping Engine Co. ("Non-Pulsating Balanced"), 405 N Main, Los Angeles, Cal.
McGowan, John H. Co., 58 Central av, Cincinnati, O
National Foundry & Machine Co., Louisville, Ky.
Platt Iron Works Co., Dayton, O., & 93 Liberty, New York
Prescott, Fred M. Steam Pumping Co., 237 Oregon, Milwaukee, Wis
QUIMBY, WM. E. (Inc.), 141 B'way, N. Y. (See adv. index, end of book)
Roots, P. H. & F. M. Co., Connersville, Ind., & 120 Liberty, New York
Rumsey & Co., Ltd. (Inc.), Seneca Falls, N.Y.
Snider-Hughes Co., Sheridan & C. & P. R. R., Cleveland. O.
Union Steam Pump Co., Battle Creek, Mich.

Pumps (Fan & Stuff)

Sandy Hill Iron & Brass Works, Sandy Hill, N. Y.

Pumps (Filter Press)

COOK, WM. H. & CO., Monadnock blk, Chicago, Ill. (See adv. index, end of book)
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati, O.; 99 Water, Cleveland, O.; 89 Jefferson, Detroit, Mich.; 519 Main, Louisville, Ky.; 140 S Meridian, Indianapolis, Ind.; 8th & Clark av, St. Louis, Mo.; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul, Minn.; 220 Nicollet, Min- S. W. Temple, Salt Lake City, Utah; 133 Liberty, N. Y.; 126 Southwark, S. E., Lonneapolis, Minn.; 1102 Farnam, Omaha, Neb.; 1600 17th, Denver, Colo.; 136 Los Angeles, Los Angeles, Cal.; 310 Market, San Francisco, Cal.; 1st & Stark, Portland, Ore.; 218 don, Eng. (See adv. index, page 1200)
don, Eng. (See adv. index, end of book)
GUILD & GARRISON, ft of S 10th, Brooklyn, N. Y.

Pumps (Fire)

(See Pumps, Steam.)

Pumps (Force & Lift)

Althouse-Wheeler Co. (Hand Force), Waupun, Wis.
Athol Pump Co., Athol, Mass.
Baker Mfg. Co., Evansville, Wis.
Barnes Mfg. Co., Mansfield, O.
Bliss, E. W. Co., 19 Adams, Brooklyn, N. Y.
Columbiana Pump Co., Columbiana, O.
Comstock & Coonse Co., Indianapolis, Ind.
COOK, WM. H. & CO., Monadnock blk, Chicago, Ill. (See adv. index, end of book)
Corcoran, Andrew J., 11 John, New York
Crook, Horner & Co., 301 N Howard, Baltimore, Md.
Danaher, John & Sons, 253 Tompkins av, Brooklyn, N. Y.
Deming Co., Salem, O.
Douglas, W. &. B., Middletown, Conn.; 85 John, New York, & 197 Lake, Chicago, Ill.
Duplex Mfg. Co., South Superior, Wis.
Eccles, Jas., 2424 Ambler, Phila., Pa.
Edison Mfg. Co. (Odorless), 132 Commercial, Boston, Mass.
Edwards, Jos. & Co., 416 Water, New York
Field Force Pump Co., Elmira, N. Y.
Flint & Walling Mfg. Co., Kendallville, Ind.
Foskett & Bishop Co., Grand & R. R. avs, New Haven, Conn.
Gleason, Bailey & Sciple Mfg. Co. (Force Pumps), Seneca Falls, N. Y.
Goulds Mfg. Co., Seneca Falls, N. Y., & 16 Murray, New York
Hanson & Rhodes. 157 W 29th. New York
Harrisburg Mfg. & Boiler Co., Harrisburg, Pa., & 95 Liberty, New York
Haydenville Co., 150 Nassau. New York, & Haydenville, Mass.
Hayes Pump & Planter Co. (House Windmill, etc.), Galva, Ill.
Hess, Snyder Co., Massillon, O.
Humphrey Machine Co. (Force), Keene, N. H.
Humphreys Mfg. Co., Mansfield, O.
Kirkup, Robt. & Co., 620 Lodge, Cinn., O.
Klotz Machine Co. (Waldkircher's" Oscilating Force Pump), Sandusky, O.
Lazier Gas Engine Co. (Vertical Power Force), Buffalo, N. Y.
McDonald, A. Y. & Morrison Mfg. Co., Dubuque, Ia.
McGowan, Jno. H. Co., 56 Central av, Cincinnati, O.
McNab & Harlin Mfg. Co., 56 John, N. Y.
McShane, Henry Mfg. Co., 441 North, Baltimore, Md.
Marcy, R. G. Mfg. Co., Bluffton, Ind.
Mast, Foos & Co., Springfield, O.
Mietz, Aug., 128 Mott, N. Y.
Millar, Chas. t& Son Co. ("Red Jacket") Utica, N. Y.
Moline Pump Co., Moline, Ill.
Murdock, J. G. & Co., 426 Plum, Cincinnati, O.
Myers, F. E. & Bro., Ashland, O.
Nason Mfg. Co., 71 Beekman, N. Y.
Porter, J. E. Co., Ottawa, Ill.
Powell, Wm. Co., 2525 Spring Grove av, Cincinnati, O.
Red Jacket Mfg. Co., Davenport, Ia.
Reynolds, M. Plumbers' Supply Co., 25 Centre, N. Y.
Rumsey & Co., Ltd. (Inc.), (For all Purposes), Seneca, Falls, N. Y.
Springfield Brass Co. (Copper Force), Springfield, Mass.
Thomas Mfg. Co., Springfield, O.
Trahern Pump Co., Rockford, Ill.
Union Mfg. Co., New Britain, Conn., & 103 Chambers, N. Y.
Wilder, Sidney & Co., Holliston, Mass.

Pumps (Gas Compressing)

Johnson, Israel H., Jr., Co., 1422 Callowhill, Phila., Pa.
National Foundry & Machine Co., Louisville, Ky.
NORWALK IRON WORKS CO., South Norwalk, Conn. (See adv. index, end of book)

Pumps (Gas Engine Starting)

Baldwinsville Centrifugal Pump Works (Irvin Van Wie, Prop.), 715 W Fayette, Syracuse, N. Y.
Caldwell, E. R. & Co., Bradford, Pa.

Pumps (Gasoline)

AMERICAN WELL WORKS, Aurora, Ill., U. S. A.; Chicago, Ill.; Dallas, Tex., & 2 Stone, New York. (See adv. index, end of book)

Pumps (Geared, Oil or Water)

(For Milling, Gear & Chucking Machines, Etc.)

Brown & Sharpe Mfg. Co. (For Oil Supply, to Cutting Tools on Lathes, Screw Machines, etc.), Providence. R. I.
COOK, WM. H. & CO., Monadnock blk, Chicago, Ill. (See adv. index, end of book)
Platt Iron Works Co., Dayton. O., & 93 Liberty, New York

Pumps (Ham Preserving)

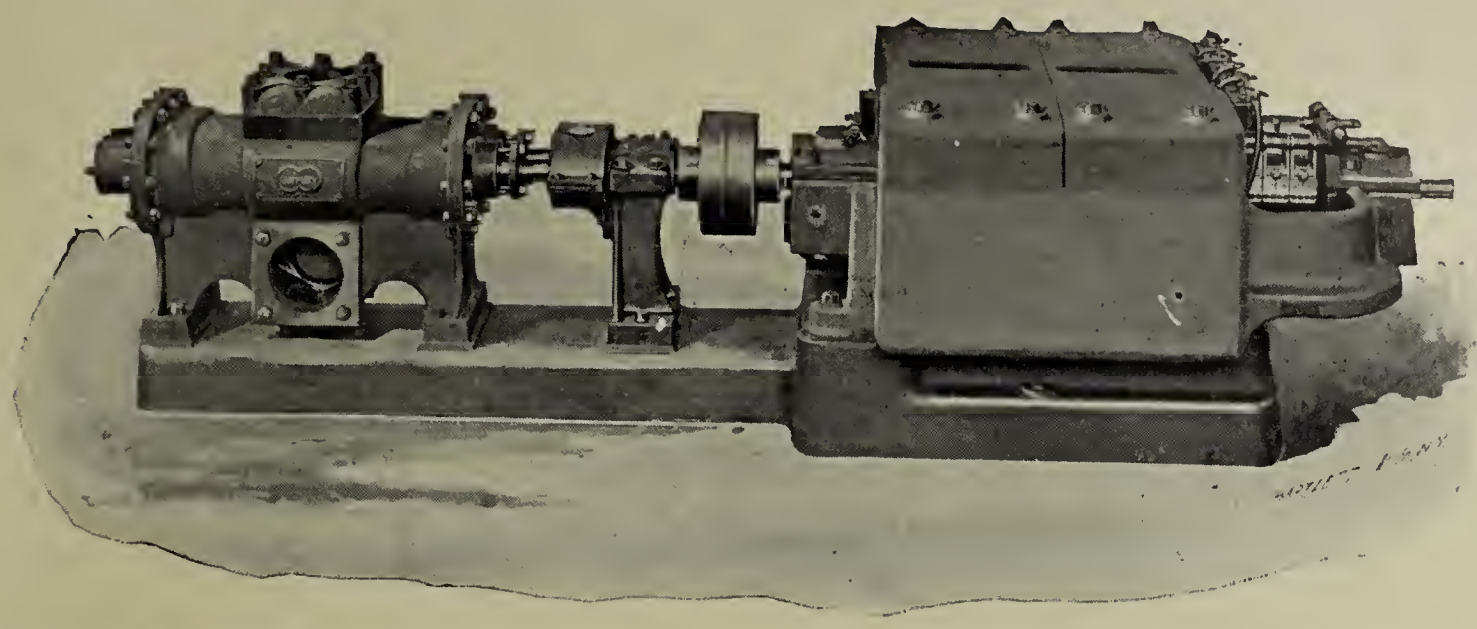
Silver Mfg. Co., Salem, O.

Pumps (House)

COOK, WM. H. & CO. ("Brooks" Centrifugal, Absolutely Noiseless), Monadnock blk, Chicago, Ill. (See adv. index, end of book)

Pumps (Hydraulic)

American Steam Pump Co., Battle Creek, Mich.
Barr Pumping Engine Co., 55 N 7th, Phila., Pa.
Bethlehem Steel Co., South Bethlehem, Pa., & 100 B'way, New York
Birmingham Iron Foundry, Birmingham, Conn.
Bishop & Babcock Co. (Vacuum), c Hamilton & Kirkland, Cleveland, O.; New York, St. Paul, & Chicago, Ill.
Blakeslee Mfg. Co., Du Quoin, Ill.
Boyts, Porter & Co., Connellsville, Pa.
Buckeye Iron & Brass Works, Dayton, O.
Burroughs, Chas. Co., 143 Commerce, Newark, N. J.
Bushnell, G. H. Press Co., Thompsonville, Conn.
Cameron, A. S. Steam Pump Works, ft E 23d, N. Y.
Canton Pump Co., Canton, O.
Cardwell Machine Co., Richmond, Va.
COOK, WM. H. & CO., Monadnock blk, Chicago, Ill. (See adv. index, end of book)
Davidson, M. T., 141 B'way, N. Y.; 30 Oliver, Boston, Mass., & 43 Keap, Brooklyn, N. Y.
Dean Bros. Steam Pump Works, Indianapolis, Ind.



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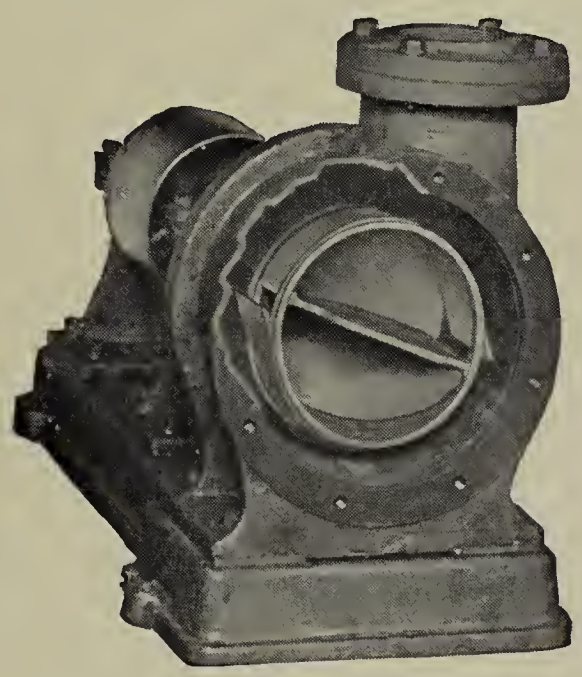
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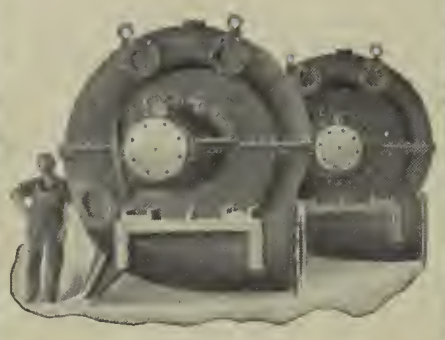
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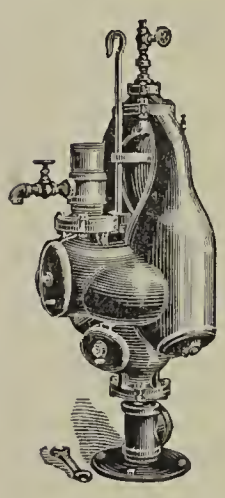


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NEW YORK. Nov.13,1904.

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We have your very kind favor of the 14th inst.,and note that the American Bar-Lock Company,Philadelphia,are in the market for a new equipment of pneumatic tools. We will at once take the matter up with them and trust to be successful in getting their business.

Thanking you very kindly for your many past favors,we beg to remain,

Yours very truly.

H. G. KOTTEN

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H.C.B.

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Douglass, W. & B., Middletown, Conn.; 83 John, New York, & 197 Lake, Chicago, Ill.
ELMES, CHAS. F. ENGINEERING Works, c N Sangamon & Fulton, Chicago, Ill. (See adv. index, end of book)
Epping-Carpenter Co., 41st & A. V. Ry., Pittsburg, Pa.
Erwin & Co., 37 S Canal, Chicago, Ill.
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati, O.; 99 Water, Cleveland, O.; 89 Jefferson, Detroit, Mich.; 519 Main, Louisville, Ky.; 140 S Meridian, Indianapolis, Ind.; 8th & Clark av, St. Louis, Mo.; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul, Minn.; 220 Nicollet, Minneapolis, Minn.; 1102 Farnam, Omaha, Neb.; 1600 17th, Denver, Colo.; 136 Los Angeles, Los Angeles, Cal.; 310 Market, San Francisco, Cal.; 1st & Stark, Portland, Ore.; 218 S. W. Temple, Salt Lake City, Utah; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Farrell Foundry & Machine Co., Ansonia, Conn.
Gleason, Bailey & Sciple Co. (Ltd.), Seneca Falls, N. Y., & 20 W Houston, N. Y.
Globe Brass Co., 15 Macomb, Detroit, Mich.
Goulds Mfg. Co., Seneca Falls, N. Y., & 16 Murray, New York
Hall Steam Pump Co., Allegheny, Pa.
Holyoke Machine Co. ("Hercules"), Holyoke, Mass.
Hydraulic Press Mfg. Co. (Hand & Power), Mt. Gilead, O.
International Steam Pump Co., 120 Liberty, N. Y.
Lake City Engineering Co., Erie, Pa.
Lawler Water Feed & Damper Regulator Co., 181 Mercer, New York
McGowan, John H., Co., Cincinnati.
Maslin, John & Son, 167 1st, Jersey City, N. J.
Morgan Engineering Co., Alliance, O.
MORRIS MACHINE WORKS, Baldwinsville, N. Y. (See adv. index, end of book)
National Foundry & Machine Co., Louisville, Ky.
National Steam Pump Co., Upper Sandusky, O.
Olsen, Tinius & Co., 500 N 12th, Phila., Pa.
Perrin, Wm. R. & Co., 1500 46th, Chicago, Ill.
Platt Iron Works Co., Dayton, O., & 93 Liberty, New York
Pulling, J. G. & Co., Columbus, O.
Riehle Bros. Testing Machine Co., 1424 N 9th, Phila., Pa., & 120 Liberty, New York
Robertson, Jno. & Co., 129 Water, Brooklyn, N. Y.
Rumsey & Co., Ltd. (Inc.), Seneca Falls, N.Y.
Snider-Hughes Co., Sheridan & C. & P. R. R., Cleveland, O.
Southwark Foundry & Machine Co., Wash'n av & 5th, Phila., Pa.
Townsend Foundry & Machine Shop Co., Albany, N. Y.
Tranter, Davison Mfg. Co. (McFuley), 105 Water, Pittsburg, Pa.
Union Steam Pump Co., Battle Creek, Mich.
Watson-Stillman Co., 46 Dey, New York
Weir & Craig Mfg. Co., 2439 Wallace, Chicago
Wells, F. C. (Est. of), 116 S Clinton, Chicago, Ill.
Wilson-Snyder Mfg. Co., Ross & Water, Pittsburg, Pa.
Wood, R. D. & Co., 400 Chestnut, Phila., Pa.

Pumps (Hydraulic Dredging)

Baldwinsville Centrifugal Pump Works (Irvin Van Wie, Prep.), 715 W Fayette, Syracuse, N. Y.
COOK, WM. H. & CO., Monadnock blk, Chicago, Ill. (See adv. index, end of book)
Lake City Engineering Co., Erie, Pa.
Morris Machine Works, Baldswinsville, N. Y.

Pumps (Hydraulic, Elevator Service)

COOK, WM. H. & CO., Monadnock blk, Chicago, Ill. (See adv. index, end of book)
MARINE ENGINE & MACHINE CO. (High Duty), Main Office, 1123 B'way, New York; Works, Harrison, N. J. (See adv. index, end of book)

Pumps (Hydraulic Proving)

COOK, WM. H. & CO., Monadnock blk, Chicago, Ill. (See adv. index, end of book)
Johnson, Israel H., Jr., Co., 1422 Callowhill, Phila., Pa.
Union Steam Pump Co., Battle Creek, Mich.

Pumps (Irrigating)

Allis-Chalmers Co., Milwaukee, Wis.
Appleton Mfg. Co., Batavia, Ill.
Baldwinsville Centrifugal Pump Works (Irvin Van Wie, Prop.), 715 W Fayette, Syracuse, N. Y.
Barnes Mfg. Co., Mansfield, O.
Blakeslee Mfg. Co., Du Quoin, Ill.
Bliss, E. W. Co., 19 Adams, Brooklyn, N. Y.
Cameron, A. S. Steam Pump Works, ft E 23d, N. Y.
Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
Charter Gas Engine Co., Sterling, Ill.
Deming Co., Salem, O.
Dow, Geo. E. Pumping Engine Co., 179 1st, San Francisco, Cal.
Edwards, Jos. & Co., 414 Water, New York
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati, O.; 99 Water, Cleveland, O.; 89 Jefferson, Detroit, Mich.; 519 Main, Louisville, Ky.; 140 S Meridian, Indianapolis, Ind.; 8th & Clark av, St. Louis, Mo.; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul, Minn.; 220 Nicollet av, Minneapolis, Minn.; 1102 Farnam, Omaha, Neb.; 1600 17th, Denver, Colo.; 136 Los Angeles, Los Angeles, Cal.; 310 Market, San Francisco, Cal.; 1st & Stark, Portland, Ore.; 218 S. W. Temple, Salt Lake City, Utah; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Flint & Walling Mfg. Co., Kendallville, Ind.
Goulds Mfg. Co., Seneca Falls, N. Y.
Gunther Foundry, Machine & Supply Co., San Antonio, Tex.
Krogh Mfg. Co., San Francisco, Cal.
McGowan, Jno. H. Co., 56 Central av, Cincinnati, O.
Mast, Foos & Co., Springfield, O.
MORRIS MACHINE WORKS, Baldwinsville, N. Y. (See adv. index, end of book)
Myers, F. E. & Bro., Ashland, O.
National Foundry & Machine Co., Louisville, Ky.
Red Jacket Mfg. Co., Davenport, Ia.
Roots, P. H. & F. M. Co. (Rotary Pressure), Connersville, Ind., & 120 Liberty, New York
Rumsey & Co., Ltd. (Inc.), Seneca Falls, N. Y.
Stover Mfg. Co., Freeport, Ill.
United Steam Pump Co., Battle Creek, Mich.
United States Wind Engine & Pump Co., Batavia, Ill.
Ward Pump Co., Rockford, Ill.
Weber Gas & Gasoline Engine Co., 700 Delaware, Kansas City, Mo.

Pumps (Juice)

Blymyer Iron Works Co. (Hand or Power), Cincinnati, O.
COOK, WM. H. & CO., Monadnock blk, Chicago, Ill. (See adv. index, end of book)
Hill Machine Co., Anderson, Ind.
Squier, Geo. L. Mfg. Co. (Power & Hand), Buffalo, N. Y.

Pumps (Lever)

Leather & Brass Mfg. Co. (High Pressure for Shop or Store), Auburn, N. Y.

Pumps (Lubricator)

(See Lubricators, Pump.)

Pumps (Manhole & Pile Sinking)

COOK, WM. H. & CO., Monadnock blk, Chicago, Ill. (See adv. index, end of book)
Edson Mfg. Co., 257 Atlantic av, Boston, Mass.

Pumps (Marine)

(See Pumps, Steam.)

Pumps (Measuring)

Enterprise Mfg. Co. (Self Pruning, Molasses, etc.), 3d & Dauphin, Phila., Pa.

Pumps (Mine)

Allis-Chalmers Co. (Capacity 3,000 Gallons Per Minute), New York Life bldg, Chicago, Ill., & 71 B'way, New York. Works, Chicago, Ill.; Milwaukee, Wis., & Scranton, Pa.
AMERICAN WELL WORKS, Aurora, Ill., U. S. A.; Dallas, Tex.; Chicago, Ill., & 2 Stone, New York. (See adv. index, end of book)
Aurora Foundry & Machine Works (Cross Head Light), Aurora, Mo.
Blakeslee Mfg. Co., Du Quoin, Ill., & Birmingham, Ala.
Boyts, Porter & Co., Connellsville, Pa.
Burton & Johnson, 107 W Centre, Cleveland
Cameron, A. S., Steam Pump Works, ft. E 23d, New York
Connellsville Machine & Car Co., Connellsville, Pa.
Cook Well Co., 15 S 4th, St. Louis, Mo.
COOK, WM. H. & CO., Monadnock blk, Chicago, Ill. (See adv. index, end of book)
Crawford & McCrimmon Co. (Acid Proof), Brazil, Ind.
d'Auria Pumping Engine Co., Rs. 941-943 Drexel bldg, Phila., Pa.
Davidson, M. T., 141 B'way, N. Y.; 43 Keap, B'klyn, N. Y., & 30 Oliver, Boston, Mass.
Dean Bros.' Steam Pump Works, Indianapolis, Ind.
Deming Co., Salem, O.
Douglas, W. & B., 83 John, N. Y., & Middletown, Conn., & 197 Lake, Chicago, Ill.
Dow, Geo. E. Pumping Engine Co., 179 1st, San Francisco, Cal.
Edson Mfg. Co. (& Prospecting), 257 Atlantic av, Boston, Mass.
Edwards, Jos. & Co., 412 Water, N. Y.
Epping-Carpenter Co., 41st & A. V. R. R., Pittsburg, Pa.
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Franklin Iron Works, Port Carbon, Pa.
FRENIER, J. H., Rutland, Vt.
Garrett, W. T. & Co., 142 Fremont, San Francisco, Cal.
Goulds Mfg. Co., Seneca Falls, N. Y., & 16 Murray, New York
Goyne Steam Pump (Goyne Bros., Props.). Works, Ashland, Pa.
Hall Steam Pump Co., Allegheny, Pa.
Hill Machine Co., Anderson, Ind.
Hooker Steam Pump Co., St. Louis, Mo.
International Steam Pump Co., 120 Liberty, New York
Jeansville Iron Works Co., Hazleton, Pa.
Luitwiler Pumping Engine Co. ("Non-pulsating"), Los Angeles, Cal.
McGowan, John H. Co., Cincinnati, O.
Manistee Iron Works Co., Manistee, Mich.
Maslin, John & Son, 167 1st, Jersey City, N. J.
Mine & Smelter Supply Co., Denver, Col.; Salt Lake City, Utah; 139 Liberty, N. Y.; & El Paso, Tex.
MORRIS MACHINE WORKS, Baldwinsville, N. Y. (See adv. index, end of book)
Mullen, John & Son, Shamokin, Pa
National Foundry & Machine Co., Louisville, & 149 B'way, N. Y.
National Steam Pump Co., Upper Sandusky, O.
Nye Steam Pump & Machinery Co., 70 W Wash'n, Chicago, Ill.
Pulling, J. G & Co., Columbus, O.

PULSOMETER STEAM PUMP CO., 17 Battery pl, New York. (See adv. index, end of book)
RELIANCE MACHINE & TOOL WKS, 3333 Franklin av, St. Louis, Mo.
Roberts, Geo. J. Co., Dayton, O.
Roots, P. H. & F. M. Co., Connersville, Ind., & 120 Liberty, New York
Rumsey & Co., Ltd. (Inc.), Seneca Falls, N. Y.
Scranton Steam Pump Co., Scranton, Pa.
Snider, Hughes & Co., Sheridan & C. & P. R. R., Cleveland, O.
Union Steam Pump Co., Battle Creek, Mich.
Webster, Camp Lane Machine Co., Akron, O.
Weir & Craig Mfg. Co., 2439 Wallace, Chicago, Ill.
Wells, F. C. (Est. of), 122 S Clinton, Chicago, Ill.
Wilson-Snyder Mfg. Co., Ross & Water, Pittsburg, Pa.

*Pumps (Oil)

Bonar, James & Co., Carnegie bldg, Pittsburg, Pa.
COOK, WM. H. & CO., Monadnock blk, Chicago, Ill. (See adv. index, end of book)
Mason-Kipp Mfg. Co., Madison, Wis.
QUIMBY, WM. E. (Inc.), 141 B'way, New York. (See adv. index, end of book)

Pumps (Paper Mill)

Goulds Mfg. Co., Seneca Falls, N. Y., & 16 Murray, New York
MORRIS MACHINE WORKS, Baldwinsville, N. Y. (See adv. index, end of book)

Pumps (Papermakers' Fan)

Rumsey & Co., Ltd. (Inc.), (For Forcing & Raising Pulp, etc.), Seneca Falls, N. Y.

Pumps (Plumbers')

Barnes Mfg. Co., Mansfield, O.
Deming Co., Salem, O.
Douglas, W. & B., 85 John, N. Y.; Middletown, Conn., & 197 Lake, Chicago, Ill.
Goulds Mfg. Co., Seneca Falls, N. Y., & 16 Murray, New York
Humphryes Mfg. Co., Mansfield, O.
Kirkup, Robert & Co., 620 Lodge, Cincinnati, O.
Knapp Mfg. Co., 22 Frankfort, New York
Lawler Water, Feed & Damper Regulator Co., 181 Mercer, New York
McShane, Henry Mfg. Co., 441 North, Baltimore, Md.
Murdock, J. G. & Co., 428 Plum, Cincinnati, O.
Powell, Wm. Co., Cincinnati, O.
Rumsey & Co., Ltd. (Inc.), Seneca Falls, N. Y.
Union Mfg. Co., New Britain, Conn., & 103 Chambers, New York
Wolverine Brass Works ("Plumbers Friend"), Grand Rapids, Mich.

Pumps (Plumbers' Force)

Boekel, Wm. & Co. (Inclined Air), 518 Vine, Phila., Pa.
Gleason, E. P. Mfg. Co., 20 W Houston, N. Y.
Lawless, J. H., 184 3d, Jersey City, N. J.
Noppel, Emil, 803 Callowhill, Phila., Pa.
Noppel Pump Co., Hartford, Conn.
Perkes, Chas., 625 Arch, Phila., Pa.
Rumsey & Co., Ltd. (Inc.), Seneca Falls, N. Y.

Pumps (Pneumatic)

(See Pneumatic Pumps.)

Pumps (Power)

Allis-Chalmers Co. ("Duplex"), New York Life bldg, Chicago, Ill., & 71 B'way, New York
Bessemer Gas Engine Co., Grove City, Pa.
Buffalo Steam Pump Co., N. Tonawanda, N. Y.
Cameron, A. S. Steam Pump Co., ft. of E 23d, N. Y.
Cameron-Tennant Machine Wks., Richmond, Va.
COOK, WM. H. & CO., Monadnock blk, Chicago, Ill. (See adv. index, end of book)
Davis, I. B. & Son, Hartford, Conn.
Deming Co., Salem, O.
Evans, C. H. & Co., 183 Fremont, San Francisco, Cal.
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Fulton Engine Works, Los Angeles, Cal.
Hill Machine Co., Anderson, Ind.
International Steam Pump Co., 120 Liberty N. Y.
Lazier Gas Engine Co. (High Duty Triplex), Buffalo, N. Y.
Lucas, C. O. & Co., Greenville, O.
Myers, F. E. & Bro., Ashland, O.
National Steam Pump Co., Upper Sandusky, O.
New Era Gas Engine Co., Dayton, O.
Platt Iron Works Co., Dayton, O., & 93 Liberty, New York
Pulling, Jas. G. & Co., Columbus, O.
QUIMBY, WM. E. (Inc.), 141 B'way, N. Y. (See adv. index, end of book)
Roots, P. H. & F. M. Co., Connersville, Ind., & 120 Liberty, New York
Rumsey, L. M. Mfg. Co. (Also Hand), 806 N St. Louis, Mo.
Rumsey & Co., Ltd. (Inc.), Seneca Falls, N. Y.
Scranton Steam Pump Co., Scranton, Pa.
Sneedley Steam Pump Co., Dubuque, Ia.
Snider, Hughes Co., Cleveland, O.
Stewart Heater Co., 389 Norfolk av, Buffalo, N. Y.
Walker Mfg. Co. (Up to 100,000 Gallons Daily), Fenton, Mich.
Warren Steam Pump Co., Warren, Mass.
Wetmore Iron Works, Lowville, N. Y.

Pumps (Quarry)

CONTRACTORS' SUPPLY & EQUIPment Co., Old Colony bldg, Chicago, Ill.; 170 B'way, New York, & 509 W 5th. Kansas City, Mo. (See adv. index, end of book)
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)

Pumps (Railway Gate)

MacLeod, Walter & Co. (For Pneumatic Gates), 463 E Front, Cincinnati, O.

Pumps (Reclamation)

MORRIS MACHINE WORKS, Baldwinsville, N. Y. (See adv. index, end of book)

Pumps (Revolving)

Roots, P. H. & F. M. Co., Connersville, Ind., & 120 Liberty, New York

Pumps (Rotary)

Bagley & Sewall Co. (And Reciprocating), Watertown, N. Y.
Barnes Mfg. Co., Mansfield, O.
Connersville Blower Co. (Force), Connersville, Ind.
COOK, WM. H. & CO., Monadnock blk, Chicago, Ill. (See adv. index, end of book)
Davis, Johnson Co., 47 S Canal, Chicago, Ill.
Deming Co., Salem, O.
Foster Pump Works (Inc.), (also Rotary Hand), 224 Plymouth, Brooklyn, N. Y.
Goulds Mfg. Co., Seneca Falls, N. Y., & 16 Murray, New York
Hartford Machine Screw Co., Hartford, Conn.
Hersey Mfg. Co. (Soap), 314 W 2d, S. B., Boston, Mass.
Holyoke Machine Co., Holyoke & Worcester, Mass.
Humphrey Machine Co., Keene, N. H.
Hunt-Rodney Machine Co., Orange, Mass.
Lobec Pump & Machinery Co., 150 Terrace, Buffalo, N. Y.
Perrin, Wm. R. & Co., 1500 46th, Chicago, Ill.
Roots, P. H. & F. M. Co. (Possitive Pressure), Connersville, Ind., & 120 Liberty, New York
Rumsey & Co., Ltd. (Inc.) (Force, Fire & Oil Service), Seneca Falls, N. Y.
Southwark Foundry & Machine Co., Phila., Pa.
Taber Pump Co., Swan cor Ellicott, Buffalo, N. Y.

Pumps (Rotary Oil)

ASHCROFT MFG. CO., THE, 85, 87 & 89 Liberty, New York; 22, 24 & 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.

Pumps (Sand Feed Stone-Sawing)

FERNIER, J. H., Rutland, Vt.

Pumps (Sand & Dredging)

Baldwinsville Centrifugal Pump Works (Irvin Van Wie, Prop.), 715 W Fayette, Syracuse, N. Y.
Beatty, M. & Sons, Welland, Ont., Can.
COOK, WM. H. & CO. ("Brooks" Centrifugal), Monadnock blk, Chicago, Ill. (See adv. index, end of book)
Jackson, Byron Machine Works, 411 Market, San Francisco, Cal.
Lake City Engineering Co., Erie, Pa.
Lawrence Machine Co., Lawrence, Mass., & 39 Cortlandt, N. Y.
MORRIS MACHINE WORKS, Baldwinsville, N. Y. (See adv. index, end of book)
Urie Boiler & Machine Co., Kansas City, Mo.
Yeatman, Jno. A. & Co., 13 1st, San Francisco, Cal.

Pumps (Screw)

Allis-Chalmers Co. (Daily Capacity up to 162,000,000 Gallons), New York Life bldg, Chicago, Ill., & 71 B'way, New York

Pumps (Ship & Deck)

Barnes Mfg. Co., Mansfield, O.
Bishop, Wm. Sons (Brass Deck Fire), 205 South, N. Y.
CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
COOK, WM. H. & CO., Monadnock blk, Chicago, Ill. (See adv. index, end of book)
Deming Co., Salem, O.
Edson Mfg. Co., 257 Atlantic av, Boston, Mass.
Goulds Mfg. Co., Seneca Falls, N. Y., & 16 Murray, New York
Humphryes Mfg. Co., Mansfield, O.
Rumsey & Co., Ltd. (Inc.), Seneca, Falls, N. Y.
Sands, Alfred B. & Son, 134 Beekman, N. Y.
Vanduzen, E. W. Co., 428 E 2d, Cincinnati, O.

Pumps (Sinking)

American Steam Pump Co., Battle Creek, Mich.
Boyts, Porter & Co., Connellsville, Pa.
Cameron, A. S. Steam Pump Works, ft of E 23d, N. Y.
COOK, WM. H. & CO., Monadnock blk, Chicago, Ill. (See adv. index, end of book)
Hall Steam Pump Co., Allegheny, Pa.
Hendy, Joshua Machine Works, 38 Fremont, San Francisco, Cal.
International Steam Pump Co., 120 Liberty, N. Y.
Jeanesville Iron Works Co. (Steam or Electric), Hazleton, Pa.
Mine & Smelter Supply Co., Denver, Col.; 139 Liberty, N. Y.; El Paso, Tex., & Salt Lake City, Utah
National Steam Pump Co., Upper Sandusky, O.
Platt Iron Works Co., Dayton, O., & 93 Liberty, New York
QUIMBY, WM. E. (Inc.), 141 B'way, New York. (See adv. index, end of book)
Snider-Hughes Co., Cleveland, O.
Union Iron Works, 222 Market, San Francisco, Cal.
Union Steam Pump Co., Battle Creek, Mich.

Pumps (Sludge)

Maschinenfabrik, Grevenbroich, 76 William, New York

Pumps (Spray)

Barnes Mfg. Co., Mansfield, O.
Bean Spray Pump Co., San Jose, Cal.
BERGER MFG. CO. (House & Farm), Main Office & Works, Canton, O. Branches, 26 Lake, Chicago, Ill.; 623 N Main, St. Louis, Mo.; 210 E 23d, New York; 1215 Filbert, Phila., Pa., & 176 Federal, Boston, Mass. (See adv. index, end of book)
Cedar Rapids Pump Co., Cedar Rapids, Iowa
Childs, Chas. H. & Co. (Electric), Utica, N. Y.
Church Mfg. Co. (Pneumatic), Adrian, Mich.
COOK, WM. H. & CO., Monadnock blk, Chicago, Ill. (See adv. index, end of book)
COOK, WM. H. & CO., Monadnock blk, Chicago, Ill. (See adv. index, end of book)
De Clercy Bros., Cazenovia, N. Y.
Deming Co., Salem, O.
Doughton, H. W., Moorestown, N. J.
Douglas, W. & B., Middletown, Conn.
Eureka Mower Co. (Atomizers), Utica, N. Y.
Everett, J. A. (Sprayers & Powder Distributors), Indianapolis, Ind.
Field Force Pump Co. ("Empire King, Garfield, Knapsack, Red Jacket & Aroostock," Potato Sprayer, "Orchard Monarch"), Elmira, N. Y.
Friend Mfg. Co., Gasport, N. Y.
Flint & Walling Mfg. Co., Kendallville, Ind.
Gaylord, J. F., Catskill, N. Y.
Goulds Mfg. Co., Seneca Falls, N. Y., & 16 Murray, New York
Grand Rapids Sash Pulley Co., Grand Rapids, Mich.
Hardie Spray Pump Co., Detroit, Mich.
Hess, Snyder Co., Massillon, O.
Humphryes Mfg. Co., Mansfield, O.
Hurst, H. L. Mfg. Co., Canton, O.
Kohler, F. E. & Co., Canton, O.
Lenox Spraying & Chemical Co. (Lenox Spraying Apparatus), Pittsfield, Mass.
McDonald, A. Y., & Morrison Mfg. Co., Dubuque, Iowa
Marcy, R. G. Mfg. Co., Bluffton, Ind.
Mast, Foos & Co., Springfield, O.
Myers, F. E. & Bro., Ashland, O.
Morrill & Morley (The "Eclipse & Eureka"), Benton Harbor, Mich.
Peppler, Thos. (Sprayers), Hightstown, N. J.
Potato Implement Co. (Knapsack Sprayers, Atomizers & Powder Guns), Traverse City, Mich.
Porter, J. E. Co., Ottawa, Ill.
Red Jacket Mfg. Co., Davenport, Ia.
Rippley Hardware Co. (Sprayers), Grafton, Ill.
Rome Bicycle Mfg. Co., Rome, N. Y.
Rumsey & Co., Ltd. (Inc.), (Force & Knapsack), Seneca Falls, N. Y.
Sandwich Mfg. Co., Sandwich, Ill.
Shangle, Jno. R., Hightstown, N. J.
Smith, D. B. & Co., Utica, N. Y.
Smith, F. B. Mfg. Co., Buffalo, N. Y.
Stevens & Co., 99 Chambers, N. Y.
Stewart, A. T. & Co. (Mist-Sprayers), Carnegie, Pa.
Trahern Pump Co., Rockford, Ill.
Union Steam Pump Co. (Fruit Spraying), Battle Creek, Mich.
Whitman & Barnes Mfg. Co., Akron, O.; 111 Chambers, New York, & Chicago, Ill.

Pumps (Steam)

Aetna Foundry & Machine Co., Springfield, Ill.
Ajax Iron Works, Corry, Pa.
Albany Steam Trap Co., Albany, N. Y.
Allis-Chalmers Co., New York Life bldg, Chicago, Ill., & 71 B'way, New York. Works, Chicago, Ill.; Milwaukee, Wis., & Scranton, Pa.
American Steam Pump Co., Battle Creek, Mich.
AMERICAN WELL WORKS, Aurora, Ill., U. S. A.; Dallas, Tex.; Chicago, Ill., & 2 Stone, New York. (See adv. index, end of book)
Austin Mfg. Co., Manhattan bldg, Chicago, & Harvey, Ill.
Baldwinsville Centrifugal Pump Works (Irvin Van Wie, Prop.), 715 W Fayette, Syracuse, N. Y.
Barr Pump Co., Gtn. Junction & 55 N 7th, Phila., Pa.
Blake, W. H. Steam Pump Co., Fitchburg, Mass.
Blakeslee Mfg. Co., Du Quoin, Ill.
Boyts, Porter & Co., Connellsville, Pa.
Buffalo Steam Pump Co., North Tonawanda, N. Y.
Burton & Johnson, 107 W Centre, Cleveland, O.
Caldwell, E. R. & Co., Bradford, Pa.
Camden Iron Works, Camden, N. J.
Cameron, A. S., Steam Pump Works, ft E 23d, New York
Canton Pump Co., Canton, O.
Carpenter, Thos. D., 93 Pearl, Brooklyn, N. Y.
Carthage Fdry. & Machine Co., Carthage, Mo.
Cook, A. D., Lawrenceburg, Ind.
Cook Well Co., 15 S 4th, St. Louis, Mo.
COOK, WM. H. & CO., Monadnock blk, Chicago, Ill. (See adv. index, end of book)
Crawford & McCrimmon Co., Brazil, Ind.
Crown Iron Works Co., Minneapolis, Minn.
D'Auria Pumping Engine Co., Drexel bldg, Phila., Pa.
Davidson, M. T., 141 B'way, N. Y.; 43 Keap, Brooklyn, N. Y., & 30 Oliver, Boston, Mass.
Dean Bros.' Steam Pump Works, Indianapolis, Ind.
Douglas, W. & B., 83 John, New York, & Middletown, Conn.
Dow, Geo. E. Pumping Engine Co., 179 1st, San Francisco, Cal.
Downie Pump Co., Downieville, Pa.
Edwards, Jos. & Co., 412 Water, N. Y.
Emerson Steam Pump Co. (Steam Vacuum), Mertz bldg, Washington, D. C.
Epping-Carpenter Co., 41st & A. V. R. R., Pittsburg, Pa.
Escanaba Iron Works, Escanaba, Mich.
Evans, C. H. & Co. ("Thomson & Evans"), San Francisco, Cal.
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Fenton Iron Works, Fenton, Mich.
FILER & STOWELL, Becher & Ziemer, Milwaukee, Wis. (See adv. index, end of book)
Findlay Foundry & Machine Co., Findlay, O.
Foster Pump Works (Inc.), 224 Plymouth, Brooklyn, N. Y.
Frost Mfg. Co., Galesburg, Ill.
Gardner Governor Co., Quincy, Ill.
Garratt, W. T. & Co., 142 Fremont, San Francisco, Cal.
Globe Machinery & Supply Co., 418 W Court av, Des Moines, Ia.
Goulds Mfg. Co., Seneca Falls, N. Y., & 16 Murray, New York
Goyne Steam Pump Works (Goyne Bros., Props.), Ashland, Pa.
Grant Iron Works, Mahanoy City, Pa.
GUILD & GARRISON, Kent av & S 10th, Brooklyn, N. Y.
Hall Steam Pump Co., Allegheny, Pa.
Heisler Mfg. Co., St. Marys, O.
Heisler Pumping Engine Co., Westinghouse bldg, Pittsburg, Pa.
Hendy, Joshua Machine Works, 38 Fremont, San Francisco, Cal.
Hill Machine Co., Anderson, Ind.
Hooker Steam Pump Co., St. Louis, Mo.
Hubbard's, Norman Sons ("Niagara"), 265 Water, Brooklyn, N. Y.
International Steam Pump Co., 120 Liberty, N. Y.
Jackson, Byron Machine Works, 411 Market, San Francisco, Cal.
Jeanesville Iron Works, Hazleton, Pa.
Kensington Engine Works, 245 Broad, Phila., Pa.
Keystone Engine & Machine Works, 112 Drexel ct, Phila., Pa.
Kingsford Foundry & Machine Works, Oswego, N. Y.
Lackawanna Pump Works, Scranton, Pa.
Lawrence Machine Co., Lawrence, Mass., & 39 Cortlandt, N. Y.
Leyner, J. Geo. Engineering Works Co., Denver, Colo.
Luitwieler Pumping Engine Co., Los Angeles, Cal.
McGowan, John H. Co., 56 Central av, Cincinnati, O.
Manistee Iron Works Co., Manistee, Mich.
Marion Machine & Tool Co. ("High Duty"), Marion, Ind.
Maslin, John & Son, 167 1st, Jersey City, N. J.
MINNEAPOLIS STEEL & MACHINery Co., Minneapolis, Minn. (See adv. index, end of book)
Moore Chas. C. & Co., 63 1st, San Francisco, Cal.
MORRIS MACHINE WORKS, Baldwinsville, N. Y. (See adv. index, end of book)
Mullen, Jno. & Son, Shamokin, Pa.
National Foundry & Machine Co., Louisville, Ky.
National Steam Pump Co. (High Duty), Upper Sandusky, O.
NORWALK IRON WORKS CO., South Norwalk, Conn. (See adv. index, page 1200)
Nye Steam Pump & Machinery Co., 70 W Wash'n, Chicago, Ill.
Ohio Steam Pump Co., Canton, O.
Pattin Bros. Co., Marietta, O.
Platt Iron Works Co., Dayton, O., & 93 Liberty, New York
Prescott, F. M., Steam Pump Co., Milwaukee, Wis.
Pulling, James G. & Co., Columbus, O.
PULSOMETER STEAM PUMP CO., 17 Battery pl, New York. (See adv. index, end of book)
Queen City Engineering Co., Buffalo, N. Y.
Raymond Mfg. Co., Middletown, Pa.
RELIANCE MACHINE & TOOL WKS, ("Hooker"), 3333 Franklin av, St. Louis, Mo.
Roberts, George J. & Co., Dayton, O.
Rodgers Iron Mfg. Co., Muskegon Mich.
Roots, P. H. & F. M. Co., Connersville, Ind., & 120 Liberty, New York
Rumsey & Co., Ltd. (Inc.), Seneca Falls, N. Y.
Scott-Valve Co., 32 W Randolph, Chicago, Ill.
Scranton Steam Pump Co., Scranton, Pa.
Seibert, Jno. H., 116 Washn, Reading, Pa.
Simonds Mfg. Co., Portland, Oregon
Smeallie Bros., Amsterdam, N. Y.
Smedley Steam Pump Co., Dubuque, Ia.
Smith Pump Co., Titusville, Pa.
Snider, Hughes Co., Cleveland, O.
Snow Steam Pump Works, 114 Liberty, New York, & Buffalo, N. Y.
Southwark Foundry & Machine Co., Phila., Pa.
Springfield Elevator & Pump Co., Springfield, Mass.
Stewart Heater Co., Buffalo, N. Y.
Sydnor Pump & Well Co., Richmond, Va.
Taber Pump Co., Swan cor Ellicott, Buffalo, N. Y.
Thompson Mfg. Co., Lancaster, N. H.
Titusville Iron Co., Titusville, Pa.
Union Iron Works, 222 Market, San Francisco, Cal.
Union Steam Pump Co., Battle Creek, Mich.
Vanduzen, E. W. Co., 428 E 2d, Cincinnati, O.
Walker Mfg. Co., Fenton, Mich.
Walworth Mfg. Co., 132 Federal, Boston, Mass.
Warren Steam Pump Co., Warren, Mass.
Watson-Stillman Co., 210 E 43d, N. Y.
Webster, Warren & Co., Camden, N. J.; Monadnock blk, Chicago, Ill.; 322 B'way, N. Y., & Tremont bldg, Boston, Mass.

Weir & Craig Mfg. Co., 2435 Wallace, Chicbago, Ill.
Wells, F. C. (Est. of), 116 S Clinton, Chicago, Ill.
Wetmore Iron Works, Lowville, N. Y.
Wheeler Condenser & Engineering Co., 42 B'way, New York
Wilkinson Mfg. Co., Bridgeport, Pa.
Willamette Iron & Steel Works, Portland, Ore.
Wilson-Snyder Mfg. Co., Ross & Water, Pittsburg, Pa.
Wood, R. D. & Co., 400 Chestnut, Phila., Pa.
York Mfg. Co. (Ltd.), York, Pa., & No. American bldg, Phila., Pa.

Pumps (Steam Turbine)

De Laval Steam Turbine Co., 74 Cortlandt, New York. Works, Trenton, N. J.

Pumps (Sugar House)

American Steam Pump Co., Battle Creek, Mich.
Cameron, A. S. Steam Pump Works, ft of E 23d, N. Y.
COOK, WM. H. & CO., Monadnock blk, Chicago, Ill. (See adv. index, end of book)
Davidson, M. T., 141 B'way, N. Y.; 30 Oliver, Boston, Mass., & 43 Keap, Brooklyn, N. Y.
Dean Bros.' Steamp Pump Works, Indianapolis, Ind.
Douglas, W. & B., Middletown, Conn., & 85 John, N. Y.
Epping-Carpenter Co., Pittsburg, Pa.
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Gonlds Mfg. Co., Seneca Falls, N. Y., & 16 Murray, New York
International Steam Pump Co., 120 Liberty, N. Y.
National Fdy. & Machine Co., Louisville, Ky.
Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.
QUIMBY, WM. E. (INC.), 141 B'way, New York. (See adv. index, end of book)
Roots, P. H. & F. M. Co., 3341 Franklin av, Connersville, Ind., & 120 Liberty, New York
Rumsey & Co., Ltd. (Inc.), Seneca Falls, N. Y.
Snider-Hughes Co., Cleveland, O.
Squier, Geo. L. Mfg. Co., 420 Niagara, Buffalo, N. Y.
Union Steam Pump Co., Battle Creek, Mich.
Wells, F. C. (Est. of), 116 S Clinton, Chicago, Ill.

Pumps (Syphon)

Chaplin-Fulton Mfg. Co., 28 Penn av, Pittsburg, Pa.
Eynon-Evans Mfg. Co., 1519 Clearfield, Phila., Pa., & 107 Liberty, N. Y.
Humphryes Mfg. Co., Mansfield, O.
Myers, F. E. & Bro., Ashland, O.
Schutte, L. & Co., 1251 N 12th, Phila., Pa.

Pumps (Tank)

American Steam Pump Co., Battle Creek, Mich.
Barnes Mfg. Co., Mansfield, O.
Blake, W. H. Steam Pump Co., Fitchburg, Mass.
Blakeslee Mfg. Co., Du Quoin, Ill.
Bliss, E. W. Co., 19 Adams, Brooklyn, N. Y.
Boyts, Porter & Co., Connellsville, Pa.
Buffalo Pitts. Co. (Low Down), Buffalo, N. Y.
Bushnell Pump Co., Bushnell, Ill.
Cameron, A. S. Steam Pump Works, ft E 23d, N. Y.
Case, J. I. Threshing Machine Co., Racine, Wis.
Cedar Rapids Pump Co., Cedar Rapids, Ia.
Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
COOK, WM. H. & CO., Monadnock blk, Chicago, Ill. (See adv. index, end of book)
Deming Co., Salem, O.
Dempster Mfg. Co., Des Moines, Ia.
Epping-Carpenter Co., Pittsburg, Pa.
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Flint & Walling Mfg. Co., Kendallville, Ind.
Foster Pump Works (Inc.), 224 Plymouth, Brooklyn, N. Y.
Gardner Governor Co., Quincy, Ill.
Gould Mfg. Co., Seneca Falls, N. Y.
Hayes Pump & Planter Co., Galva, Ill.
Humphryes Mfg. Co., Mansfield, O.
Kelly Foundry & Machine Co., Goshen, Ind.
Love Mfg. Co., Rockford, Ind.
Lucas, C. O. & Co., Greenville, O.
Luitwieler Pumping Engine Co. ("Non-Pulsating"), Los Angeles, Cal.
McDonald, A. Y. & Morrison Mfg. Co., Dubuque, Ia.
McGowan, Jno. H. Co., Cincinnati, O.
Manistee Iron Works Co., Manistee, Mich.
Marcy Mfg. Co., Bluffton, Ind.
Marion Machine & Tool Co., ("Low Duty"), Marion, Ind.
Mast, Foos & Co., Springfield, O.
Myers, F. E. & Bro., Ashland, O.
National Foundry & Machine Co., Louisville, Ky.
National Steam Pump Co. (Low Duty), Upper Sandusky, O.
Nichols & Shepard Co. (Low Down), Battle Creek, Mich.
Peters Pump Co., Kewanee, Ill.
Port Huron Mfg. Co., Port Huron, Mich.
Porter, J. E. Co., Ottawa, Ia.
QUIMBY, WM. E. (INC.), 141 B'way, New York. (See adv. index, end of book)
Racine Rice Machinery Co., Racine, Wiss.
Red Jacket Mfg. Co., Davenport, Ia.
Roots, P. H. & F. M. Co., Connersville, Ind., & 120 Liberty, New York
Rumsey & Co., Seneca Falls, N. Y.
Smeallie Bros., Amsterdam, N. Y.
Stewart Heater Co., 389 Norfolk av, Buffalo, N. Y.
Trahern Pump Co., Rockford, Ill.
Union Steam Pump Co., Battle Creek, Mich.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Wagener Steam Pump Co., Bucyrus, O.
Ward Pump Co., Rockford, Ill.
Wells, F. C. (Est. of), 116 S Clinton, Chicago, Ill.
Whitman & Barnes Mfg. Co., Akron, O.; 111 Chambers, N. Y.; Chicago, Ill., & Syracuse, N. Y.

Pumps (Tar)

FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)

Pumps (Test)

ASHCROFT MFG. CO., THE, 85, 87 & 89 Liberty, New York, & 22, 24 & 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.
Belfield, H. & Co., 433 N Broad, Phila., Pa.
Boekel, Wm. & Co. (Gas Fitters), 518 Vine, Phila., Pa.
Cleveland Steam Gauge Co., 106 Merwin, Cleveland, O.
Crosby Steam Gage & Valve Co., 95 Oliver, Boston, Mass.; 21 W Lake, Chicago, & 78 John, N. Y.
Douglas, W. & B., Middleton, Conn.; 85 John, N. Y., & 197 Lake, Chicago, Ill.
Goulds Mfg. Co., Seneca Falls, N. Y., & 16 Murray, New York
Henderer's, A. L. Sons (Boiler Makers), Wilmington, Del.
Lawler Water Feed & Damper Regulator Co., 181 Mercer, N. Y.
Perkes, Chas., 627 Arch, Phila., Pa.
Rumsey & Co., Ltd. (Inc.), Seneca Falls, N. Y.
Schutte, L. & Co., 1251 N 12th, Phila., Pa.

Pumps (Triplex)

MINNEAPOLIS STEEL & MACHINery Co., Minneapolis, Minn. (See adv. index, end of book)

Pumps (Vacuum)

Alberger Condenser Co., 95 Liberty, New York
American Air Compressor Works, 26 Cortlandt, N. Y., & Van Brunt & Summit, Bklyn., N. Y.
American Steam Pump Co., Battle Creek, Mich.
American Vacuum Machine Co. ("Packard," Belt or Steam Power), 120 Liberty, New York. Works, Long Island City, N. Y.
Blakeslee Mfg. Co., Du Quoin, Ill., & Birmingham, Ala.
Bliss, E. W. Co., 17 Adams, Brooklyn, N. Y.
Carpenter, Thos. D., 93 Pearl, Brooklyn, N. Y.
COOK, WM. H. & CO., Monadnock blk, Chicago, Ill. (See adv. index, end of book)
Dean Bros. Steam Pump Works, Indianapolis, Ind.
Emerson Steam Pump Co. (Steam), Mertz bldg, Washington, D. C.
Epping-Carpenter Co., Pittsburg, Pa.
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Goulds Mfg. Co., Seneca Falls, N. Y., & 16 Murray, N. Y.
GUILD & GARRISON, Kent av & S 10th, Brooklyn, N. Y.
Hubbard's, Norman Sons ("Packard"), 265 Water, Brooklyn, N. Y.
International Steam Pump Co., 120 Liberty, N. Y.
Marion Machine & Tool Co. (Low Duty), Marion, Ind.
Maslin, Jno. & Son, 163 1st, Jersey City, N. J.
National Foundry & Machine Co., Louisville, Ky.
New York Air Brake Co., 66 B'way, N. Y., & Fisher bldg, Chicago
Platt Iron Works Co., Dayton, O., & 93 Liberty, New York
Pulling, James G. & Co., Columbus, O.
Rumsey & Co., Ltd. (Inc.), (Air Compressed Pump Combination), Seneca Falls, N. Y.
Schutte, L. & Co., 1251 N 12th, Phila., Pa.
Snider-Hughes Co., Sheridan & C. & P. R. R., Cleveland, O.
Union Steam Pump Co., Battle Creek, Mich.
West St. Louis Machine & Tool Co., St. Louis, Mo.

Pumps (Water Works)

Cameron, A. S. Steam Pump Works, ft E 23d, N. Y.
COOK, WM. H. & CO., Monadnock blk, Chicago, Ill. (See adv. index, end of book)
Epping-Carpenter Co., Pittsburg, Pa.
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kan-

sas City, Mo.; 234 E 3d, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Luitwieler Pumping Engine Co. ("Non-Pulsating"), Los Angeles, Cal.
McGowan, Jno. H. Co., Cincinnati, O.
MINNEAPOLIS STEEL & MACHINERY Co., Minneapolis, Minn. (See adv. index, end of book)
National Foundry & Machine Co., Louisville, Ky.
National Steam Pump Co., Upper Sandusky, O.
Platt Iron Works Co., Dayton, O., & 93 Liberty, New York
Roots, P. H. & F. M. Co. (Rotary Pressure), Connersville, Ind., & 120 Liberty, New York
Rumsey & Co., Ltd. (Inc.), Seneca Falls, N. Y.
Wells, F. C. (Est. of), 116 S Clinton, Chicago, Ill.

Pumps (Windmill)

(See also Windmills.)

Althouse-Wheeler Co., Waupun, Wis.
AMERICAN WELL WORKS (Hand), Aurora, Ill.; Chicago, Ill.; Dallas, Tex., & 2 Stone, New York. (See adv. index, end of book)
Barnes Mfg. Co., Mansfield, O.
Butler Co., Butler, Ind.
Chandler Pump Co., Cedar Rapids, Iowa
Cook-Well Co., 15 S 4th, St. Louis, Mo.
Corcoran, A. J., 9 John, New York
Deming Co., Salem, O.
Dempster Mfg. Co., Des Moines, Ia.
Douglas, W. & B., Middletown, Conn., & 85 John, New York
Duplex Mfg. Co., South Superior, Wis.
Elgin Wind Power & Pump Co., Elgin, Ill.
FAIRBANKS, MORSE & CO. ("Eclipse" Anti Freezing), Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Field Force Pump Co. (Force), Elmira, N. Y.
Fleming & Sons, Portland, Ind.
Flint & Walling Mfg. Co., Kendallville, Ind.
Genoa Mfg. Co., Genoa, O.
Goulds Mfg. Co., Seneca Falls, N. Y.; 16 Murray, New York
Hayes Pump & Planter Co., Galva, Ill.
Humphryes Mfg. Co., Mansfield, O.
Marcy, R. G. Mfg. Co., Bluffton, Ind.
Mast, Foos & Co., Springfield, O.
Maud S. Windmill & Pump Co., Lansing, Mich.
Myers, F. E. & Bro., Ashland, O.
Moline Pump Co., Moline, Ill.
Pacific Pump & Windmill Co., San Francisco, Cal.
Peters Pump Co., Kewanee, Ill.
Phelps & Begelow Windmill Co., Kalamazoo, Mich.
Pierce Well Engineering & Supply Co., 136 Liberty, N. Y., & 156 Bay, Jersey City, N. J.
Rumsey & Co., Ltd. (Inc.), Seneca Falls, N. Y.
Sharp Mfg. Co., Albert Lea, Minn.
Snow Mfg. Co., Batavia, Ill.
Temple Pump Co., 15th Place, Chicago, Ill.
U. S. Wind Engine & Pump Co., Batavia, N. Y.

Pumps (Wrecking)

Baldwinsville Centrifugal Pump Works (Irvin Van Wie, Prop.), 715 W Fayette, Syracuse, N. Y.
Blakeslee Mfg. Co., Du Quoin, Ill.
COOK, WM. H. & CO., Monadnock blk, Chicago, Ill. (See adv. index, end of book)
Davidson, M. T., 141 B'way, N. Y., & 30 Oliver, Boston, Mass., & 43 Keap, Brooklyn, N. Y.
Dean Bros.' Steam Pump Works, Indianapolis, Ind.
Douglas, W. & B., Middletown, Conn., & 85 John, N. Y.
Epping-Carpenter Co., 41st & A. V. Ry., Pittsburg, Pa.
Kingsford Foundry & Machine Works, Oswego, N. Y.
Lake City Engineering Co., Erie, Pa.
International Steam Pump Co., 120 Liberty, New York
MORRIS MACHINE WORKS, Baldwinsville, N. Y. (See adv. index, end of book)
National Foundry & Machine Co., Louisville, Ky.
Nye Steam Pump & Machine Co., 70 W Wash'n, Chicago, Ill.
Platt Iron Works Co., Dayton, O., & 93 Liberty, New York
Roots, P. H. & F. M. Co., Connersville, Ind., & 120 Liberty, New York
Snider, Hughes Co., Sheridan & C. & P. R. R., Cleveland, O.
Swenson, J., ft. of Warren, Jersey City, N. J.
Wilson-Snyder Mfg. Co., Ross & Water, Pittsburg, Pa.

Pumps & Boilers Combined

Blakeslee Mfg. Co., Du Quoin, Ill.
Cameron, A. S. Steam Pump Works, ft. E 23d N. Y.
Davidson, M. T., 141 B'way, N. Y., & 43 Keap, Brooklyn, N. Y.
Dean Bros.' Steam Pump Works, Indianapolis, Ind.
Dow, Geo. E. Pumping Engine Co., 179 1st, San Francisco, Cal.
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Hall Steam Pump Co., Allegheny, Pa.
International Steam Pump Co., 120 Liberty, N. Y.
LAMBERT HOISTING ENGINE CO., Main Office & Works, 115-121 Poinier, Newark, N. J.; 85 Liberty, N. Y.; 117 Main, Cambridge, Boston, Mass.; 1715-1717 Market, Phila., Pa.; Lacock & Sandusky, Allegheny, Pa.; 248-250 Water, Toledo, O.; 715-717 N 2d, St. Louis, Mo.; 232 5th av, Chicago, Ill., & Steuart & Folsom, San Francisco, Cal. (See adv. front colored page)
Marietta Boiler Works, Marietta, O.
National Foundry & Machine Co., Louisville, Ky.
Platt Iron Works Co., Dayton, O., & 93 Liberty, New York
Pulling, Jas. G. & Co., Columbus, O.
Roberts, Geo. J. Co., Dayton, O.
Roots, P. H. & F. M. Co., Connersville, Ind., & 120 Liberty, New York
Snider, Hughes Co., Sheridan & C. & P. R. R., Cleveland, O.
Wells, F. C. (Est. of), S. Clinton, Chicago, Ill.

Punch & Shear Combined

Bethlehem Foundry & Machine Co. (Hand), South Bethlehem, Pa.

Punch & Straightener Combined

Hogg, Geo. A. Iron & Steel Foundry Co. (For Rails), 24th & R. R., Pittsburg, Pa.
United Engineering & Foundry Co., Farmers' Bank bldg, Pittsburg, Pa., & Youngstown, Ohio

Punches (Belt)

Buffalo Specialty Mfg. Co., 375 Ellicott, Buffalo, N. Y.
Peck, Stow & Wilcox Co. ("Hercules"), Southington, Conn.; 27 Murray, New York, & Cleveland, O.
Smith & Egge Mfg. Co. ("S. & E. M. Co." Revolving Spring, etc.), Bridgeport, Conn.
Springfield Machine Screw Co. ("Diamond" Revolving, Single Saddlers, etc.), Springfield, Mass.
Whitman & Barnes Mfg. Co. (Revolving & Plain Round), West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York

Punches (Blacksmiths')

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Atha Tool Co., Newark, N. J.
Bicknell Hardware Co., Janesville, Wis.
Butts & Ordway, 190 High, Boston, Mass.
Iron City Tool Works, 32d & Smallman, Pittsburg, Pa.
Klein-Logan Co., S 13th, Pittsburg, Pa.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Solid Steel Tool & Forge Co. ("S. T. S."), Farmers' Bank bldg, Pittsburg, Pa.
Verona Tool Works, Verona, Pa., & Murtland bldg, Pittsburg, Pa.
Whiting, Geo. Co., 428 N Halsted, Chicago, Ill.

Punches (Boiler)

(See Punching Machines, Boilermakers'.)

Punches (Butchers, Saw, Etc.)

Goodell-Pratt Co., Greenfield, Mass.

Punches (Center & Prick)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Braunsdorf-Muller Co., Elizabeth, N. J.
Buck Bros., Milbury, Mass.
Cushman Chuck Co., Hartford, Conn.
Evansville Tool Works, Evansville, Ind.
Goodell-Pratt Co. (Knurled), Greenfield, Mass.
Hurwood Mfg. Co. (Inc.), Bridgeport, Conn.
Jennings, C. E. & Co., 42 Murray, New York
Mayhew, H. H. Co., Shelburne Falls, Mass.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Nicol & Co., 57 W Wash'n, Chicago, Ill.
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 27 Murray, New York
Sawyer Tool Mfg. Co., Fitchburg, Mass.
Springfield Machine Screw Co., Springfield, Mass.
Starrett, L. S. Co., Athol, Mass.
Stortz, Jno. & Son ("Diamond"), 210 Vine, Phila., Pa.
Syracuse Twist Drill Co., Syracuse, N. Y.
Tuck Mfg. Co., Brockton, Mass.
Welch, T. F. & Co., 65 Sudbury, Boston

Punches (Check)

Bemis & Call Hdw. & Tool Co., Springfield, Mass.
Thorpe Mfg. Co., 50 Woodward av, Detroit, Mich.

Punches (Conductors' Ticket, Etc.)

American Railway Supply Co., 24 Park pl, New York
Bridgeport Hardware Corp., 481 Iranistan av, Bridgeport, Conn.
CINCINNATI MFG. CO., 1243 W 6th, Cincinnati, O. (See adv. index, end of book)
Crocker, L. O., East Braintree, Mass.
Hanscom, J. F., Saco. Me.
Johnson, Wm., 249 Plane, Newark, N. J.
Krauter & Co., 577 18th av, Newark, N. J.
McGill Ticket Punch Co., 171 S Canal, Chicago, Ill.
Meyers, Fred J. Mfg. Co., Hamilton, O.
Odell-Neal Mfg. Co., Lima, Ohio
Railway Register Mfg. Co. ("Alarm"), 1193 B'way, N. Y.
Sayre, L. A. & Co., 332 Mulberry, Newark, N. J.

Smith & Egge Mfg. Co., Bridgeport, Conn., & 62 Reade, N. Y.
Springfield Machine Screw Co., Springfield, Mass.
Sterling-Meaker Co., 420 Ogden, Newark, N. J.
Tower & Lyon Co., 95 Chambers, New York
Wilcox, W. W. & Co., 201 Lake, Chicago, Ill.
Woodman, R. Mfg. & Supply Co. (Cast Steel), 63 Oliver, Boston, Mass.

Punches (Drill)

WHITMAN & BARNES MFG. CO., (Ostagon Tool Steel), West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)

Punches (Drive)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Bemis & Call Hdw. & Tool Co. (Steel), Springfield, Mass.
Braunsdorf-Mullor Co., Elizabeth, N. J.
Buck Bros., Millbury, Mass.
Buck, Chas., Millbury, Mass.
Clough, R. M., Tolland, Conn.
Cronk & Carrier Mfg. Co., Elmira, N. Y.
Eyelet Tool Co., 40 Lincoln, Boston
Goodell-Pratt Co. (Knurled), Greenfield, Mass.
Mayhew, H. H. Co., Shelburne Falls, Mass.
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 27 Murray, New York
Springfield Machine Screw Co. ("Diamond"), Springfield, Mass.
Stevens, J. Arms & Tool Co., Chicopee Falls, Mass.
Transue & Williams Co., Alliance, O.
Tuck Mfg. Co., Brockton, Mass.
Wilcox, Crittenden & Co., Middletown, Conn.

Punches (Flue, Shearing)

Wildeke, Gustave & Co. (With Spring Centers), Dayton, O.

*Punches for Beams

Bethlehem Foundry & Machine Co. (Hydraulic), South Bethlehem, Pa.
BRAUN, J. G., 322 S. Paulina, Chicago, Ill., & 554 W 36th, New York. (See adv. index, end of book)

*Punches for Ornamental Iron Work

BRAUN, J. G., 322 S. Paulina, Chicago, Ill., & 554 W 36th, New York. (See adv. index, end of book)

*Punches for Scrolls

BRAUN, J. G., 322 S. Paulina, Chicago, Ill., & 554 W 36th, New York. (See adv. index, end of book)

Punches (Gang)

(See Punching Machines, Gang.)

Punches (Hand)

Akron Machine Co., Akron, O.
ANDERSON, W. H. & CO., Detroit, Mich. (See adv. index, end of book)
Bremer Machine & Tool Co., 97 W Woodbridge, Detroit, Mich., & Kalamazoo, Mich.
Bertsch & Co., Cambridge City, Ind.
Buffalo Forge Co., Buffalo, N. Y., & 39 Cortlandt, N. Y.
Eckstein, Chas. G., 249 Center, N. Y.
Fulton Iron Works ("Detroit-Rice" Hand Lever), 28 Brush, Detroit, Mich.
Evansville Tool Works, Evansville, Ind.
Heartley Machine Variety Iron & Tool Works, Toledo, O.
Hilles & Jones Co., Wilmington, Del.
Keene, Geo. C. & Co., 2327 Florence
Kinsman Electric & Railway Supply Co. ("Morrello Hercules"), 61 Liberty, New York
Loyd, Jno. Co., 558 Water, N. Y.
Mossberg, Frank Co., Attleboro, Mass.
New Doty Mfg. Co., Janesville, Wis.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Niles-Bement-Pond Co., 136 Liberty, New York. Works: Hamilton, O., & Plainfield, N. J.
Richards, I. P. ("U. S." Standard Punches for Punching Iron & Steel), Providence, R. I.
Rogers Mfg. Co. ("Little Giant"), 147 W 23d, New York
Strait, H. N. Mfg. Co. (For Cooperage Mfrs.), Kansas City, Mo.
Watson-Stillman Co., 46 Dey, New York
Weiss, H. & Co. ("Hercules"), 20 Cliff, N. Y.
West Mfg Co., 374 7th, Buffalo, N. Y.

Punches (Hand & Tube Hole)

Hilles & Jones Co., Wilmington, Del.
Long & Allstatter Co., Hamilton, O.
New Doty Mfg. Co., Janesville, Wis.
Wickes Bros., Saginaw, Mich.

Punches (Horizontal)

(See Punching Machines, Horizontal; also Machinery, Punching & Shearing.)

Punches (Hydraulic)

(See Punching Machines, Hydraulic; also Machinery, Punching & Shearing.)

Punches (Multiple)

(See Punching Machines, Multiple.)

Punches (Plug)

Solid Steel Tool & Forge Co. ("S. T. S."), Farmers' Bank bldg, Pittsburg, Pa.

Punches (Pneumatic)

(See Pneumatic Punches.)

Punches (Power)

(See Machinery, Punching & Shearing; also Shears, Various Kinds.)

Punches (Screw)

(See Punching Machines, Screw.)

Punches (Spiral Shear)

(See Punching Machines, Spiral Shear.)

Punches (Spring)

Bemis & Call Hdw. & Tool Co., Springfield, Mass.
Bonney Vise & Tool Works (Inc.) (Also Revolving Spring), 3015 Chestnut, Phila., Pa.
Meyers, Fred'k J. Mfg. Co., Hamilton, O.
Osborne, C. S. & Co., 96 Mechanic, Newark, N. J.
Smith & Egge Mfg. Co., Bridgeport, Conn., & 62 Reade, N. Y.
Springfield Machine Screw Co., Springfield, Mass.
Star Heel Plate Co. (Louis Sacks, Prop.), 63 Polk, Newark, N. J.

Punches (Ticket)

(See Punches, Conductors' Ticket.)

Punches (Tie Plate)

Pittsburg Tool & Drop Forge Co. ("Cheswick," for Driving Tie Plates), Arrott bldg, Pittsburg, Pa. Works, Cheswick, Pa.
Solid Steel Tool & Forge Co. ("S. T. S."), Farmers' Bank bldg, Pittsburg, Pa.

Punches (Track)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Atha Tool Co. (Solid Cast Steel), Newark, N. J.
Elkhart Frog & Crossing Works ,Tie Plate), Elkhart, Ind.
Evansville Tool Works, Evansville, Ind.
Hubbard & Co., Murtland bldg, Pittsburg, Pa.
Iron City Tool Works (Ltd.), 32d & Smallman, Pittsburg, Pa.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Klein-Logan Co., S 13th & Breed, Pittsburg, Pa.
Pedrick & Ayer Co., 1001 Hamilton, Philadelphia, Pa., & 85 Liberty, New York
Solid Steel Tool & Forge Co. ("S. T. S."), Farmers' Bank bldg, Pittsburg, Pa.
Verona Tool Works, Verona, Pa., & Pittsburg, Pa.
Vicksburg, Mfg. Co., Vicksburg, Mich.
Watson-Stillman Co. (Hydraulic), 46 Dey, New York

Punching Machines (I Beam)

(See Machines, I Beam Punching.)

Punching & Shearing Machinery

(See Machinery, Punching & Shearing.)

Puratylene

Roessler & Hasslacher Chemical Co. (for Purifying Acetylene), 100 William, N. Y.

Purifiers (Feed Water)

(See also Heaters, Feed Water.)

Automatic Water Purifying Co., 45 B'way, New York
Bargawanath, Wm. & Son, 52 W Division, Chicago
Bates Machine Co., Joliet, Ill.
Broomell, Schmidt, Steacy & Co. (Inc.), York, Pa.
Colles, E. G. T. & Co., 42 S Clinton, Chicago
Davis, I. B. & Son, Hartford, Conn.
Dodge Mfg. Co., Mishawaka, Ind.; 45 Dey, N. Y.; 168 S Clinton, Chicago; 137 Purchase, Boston, Mass., & 128 W 3d, Cincinnati, O.
Duquesne Mfg. Co. ("Gunning"), Pittsburg, Pa.
Erie Machine Shops ("Jackson"), Erie, Pa.
Fulton Iron Works ("Llewellyn"), San Francisco, Cal.
Harrisburg Pipe & Pipe Bending Co., Harrisburg, Pa.
Harrison Safety Boiler Works, Phila., Pa., & 26 Cortlandt, N. Y.
Hayden Feed Water Purifier & Heater Co, Columbus, O.
Hoppes Mfg. Co., Springfield, O.
Hubbard Mfg. Co., Caseville, Mich.
Jacobs, Chas. & Co., 41 Oliver, Boston
Just Mfg. Co., Odd Fellows Temple, Phila., Pa.
Koven, L. O. & Bro., 50 Cliff, N. Y.
Liberty Mfg. Co., Pittsburg, Pa.
McGowan, Jno. H. Co., Cincinnati, O.
Monitor Water Purifier Co., Lansing, Mich.
National Pipe Bending Co., New Haven, Conn.
National Steam Economizer Co., Norwich, Conn.
Patterson, D. W. ("Machman" System), Harrison bldg, Phila., Pa.
Patterson, Frank L. & Co., 26 Cortlandt
PETROLEUM IRON WORKS, Washington, Pa., & Farmers' Bank bldg, Pittsburg, Pa. (See adv. index, end of book)
Pittsburg Feed Water Heater & Engineering Co., Pittsburg, Pa.
Platt Iron Works Co., Dayton, O., & 93 Liberty, New York

Ross Valve Co. ("Railton" "Campbell"), Troy, N. Y.
Stewart Heater Co., Buffalo, N. Y.
Ward & Upright Engineering Co., Brooklyn. N.Y.
Webster, Warren & Co., Camden, N. J.; Monadnock blk, Chicago, Ill.; 322 B'way, N. Y., & Boston, Mass.
Whitlock Coil Pipe Co., Elmwood, Conn.
Wickes Bros., Saginaw, Mich.

Purifiers & Scrubbers (Gas)

(See also Gas Works Apparatus & Construction.)

Bartlett, Hayward & Co., Baltimore, Md.
Continental Iron Works, West & Cayler, Brooklyn, N. Y.
Isbell-Porter Co., 245 Broadway, N. Y.
Kerr Murray Mfg. Co., Fort Wayne, Ind.
Lloyd Construction Co., Detroit, Mich.
Riter-Conley Mfg. Co., 59 Water. Pittsburg, Pa., & 39 Cortlandt, New York
Wood, R. D. & Co., 400 Chestnut, Philadelphia, Pa.

Push Buttons

(For Other Electrical Specialties, see Index of Contents.)

American Car & Ship Hdw. Mfg. Co., New Castle, Pa.
American Hard Rubber Co., 9 Mercer, N. Y.
Ansonia Electrical Co., Ansonia, Conn.
Boston Electric Co., 29 Harrison, Boston, Mass.
Bunnell, J. H. & Co., 20 Park pl, New York
Corbin, P. & F., New Britain, Conn., & 17 Murray, New York
Delaware Hard Fibre Co., Wilmington, Del.
Dickinson Hard Rubber Co., Springfield, Mass.
Dixon, Fred'k W. (Wood), 92 Utica, Boston
Edwards & Co., 144th & 4th av, New York
Electric Gas Lighting Co., 115 Purchase, Boston, Mass.
Electrical Appliance Mfg. Co., Waterbury, Conn.
Hart & Hegeman Mfg. Co., Hartford, Conn.
HERZOG TELESEME CO., 51 W 24th, New York. (See adv. index, end of book)
Keil, Francis & Son, 667 E 163d, N. Y.
Mallory Wheeler Co., New Haven, Conn.
Manhattan Electrical Supply Co., 32 Cortlandt, New York
Moon Mfg. Co., 49 S Canal, Chicago, Ill.
Novelty Electric Co., 50 N 4th, Phila., Pa.
Ostrander, W. R. & Co., 22 Dey, N. Y.
Partrick, Carter & Wilkins, 1231 Callowhill, Phila., Pa.
Penn Hardware Co., Reading, Pa.
Phelps & Sons Mfg. Co., 110 Pennington, New-
Proctor-Raymond Mfg. Co., Detroit, Mich.
ark, N. J.
Randall-Loudon Electrical Co., Memphis, Tenn.
Rauscher, Jno. (Wood), St. Paul, Minn.
Reading Hardware Co., Reading, Pa.
Sargent & Co., New Haven, Conn., & 151 Leonard, N. Y.
Scranton Button Co., Scranton, Pa.
Spencer's, I. S. Sons, Guilford, Conn.
Star Electric Co., Binghamton, N. Y.
Starr Bros. Bell Co., East Hampton, Conn.
Tucker, Frank S. & Co., 1 Hartford, Boston, Mass.
Union Hardware Co. (Wood), Torrington, Conn.
Viaduct Mfg. Co., 10 S Howard, Baltimore, Md.
Walsh, Owen Mfg. Co., 21 Roosevelt, New York
Warren, A. H. & Co., Bristol, Conn.
Western Electric Co., 259 S Clinton, Chicago, & 57 Bethune, N. Y.
Wilhelm, Henry, 70 Frost, Brooklyn, N. Y.

Pushers (Car)

(See Car Movers.)

Putty Mfrs.

Acme White Lead Color Works, Detroit, Mich.
Allentown Mfg. Co., Allentown, Pa.
American Whiting & Putty Mfg. Co., 200 Water, N. Y.
Baker, Wm. T. (Inc.), 35 Suydam, Jersey City, N. J.
Belknap, E. S., McSherry & Moran Co., 286 Monroe, New York
Briggs, Jno. & Co., 14 Wash'n, Boston, Mass.
Butterworth, C. H. & Co., 125 Market, Phila., Pa.
Chicago White Lead & Oil Co., Chicago, Ill.
Chicago Wood Finishing Co., 259 Elston av, Chicago, Ill.
Connors, Wm. Paint Mfg. Co. (American Seal White Lead), Troy, N. Y.
Devoe, F. W. & C. T. Raynolds Co., 103 Fulton, N. Y., & Chicago, Ill.
Dicks & Wiggins, Dayton, O.
Felton, Sibley & Co., 136 N 4th, Phila., Pa.
FRENCH, SAML. H. & CO., 4th & Callowhill, Phila., Pa. (See adv. index, end of book)
Fuller & Co., Hallowell, Me.
Grote, Geo. W. ("Stone"). 605 W 39th, New York
Hoffman, J. W. Co., 436 Atlantic av, Boston. Mass.
Kent & Purdy Paint Co., 701 N 2d, St. Louis, Mo.
Lucas, John & Co., 322 Race, Philadelphia, Pa.; 89 Maiden la, N. Y., & 59 N Jeff'n, Chicago, Ill.
Mark, Jacob (Blue Putty), 7 Worth, N. Y.
Phillips, John B., 80 9th, Brooklyn, N. Y.
Piqua Paint & Putty Co., Piqua, O.
Rutland Fire Clay Co., Rutland, Vt.
Tucker, Wm. G. Co., 553 E 116th, N. Y.
Ullman & Philpott Mfg. Co., 95 Merwin, Cleveland, O.
Waterall, Wm. & Co., 200 N 4th, Phila., Pa.

Putty Mfrs. (Roof)

Armitage Mfg. Co., Richmond, Va.

Putty Mfrs. (Stovemakers')

Bowen's, S. Son ("Pecora"), 4th & Venango, Phila., Pa.
Cleveland Stone Co., Hickok bldg, Cleveland, O., & 285 Front, N. Y.
Connors, Wm. Paint Mfg. Co., 675 River, Troy, N. Y.
Tucker, Wm. G. Co., 553 E 116th, N. Y.

Putty Ornaments

(See Ornaments, Composition.)

Putty Powder

Anderson Bros., 707 Center, Boston, Mass.
Doggett, Stanley, 101 Beekman, New York
Harrison Supply Co., 32 India Wharf, Boston, Mass.
Pittsburg Crushed Steel Co., Westinghouse bldg, Pittsburg, Pa.

Pyrometers

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.; 35 Dey, N. Y., & 16 N Canal, Chicago, Ill.
ASHCROFT MFG. CO., THE, 85, 87 & 89 Liberty, New York, & 22, 24 & 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.
Ashton Valve Co., 271 Franklin, Boston, Mass.;
Bristol Co., Waterbury, Conn., & 114 Liberty, N. Y.
Brown, Edward (All Kinds), 313 Walnut, Phila., Pa.
Crosby Steam Gage & Valve Co., 93 Oliver, Boston, Mass.; 21 W Lake, Chicago, Ill., & 78 John, N. Y.
Eimer & Amend, 211 3d av, N. Y.
Englehardt, Charles (Imported), 41 Cortlandt, New York
Hohmann & Maurer Mfg. Co., Rochester, N. Y. & 85 Chambers, N. Y.
Klemm, Henry, 2674 N 42d av, Chicago, Ill.
Marsh, Jas. P. & Co., 224 Wash'n, Chicago, Ill.
Morse Thermo Gage Co. (Optical Pyrometers), Trumansburg, N. Y.
Schaffer & Budenberg, 10 Division, Brooklyn, N. Y.; 66 John, N. Y., & 22 W Lake, Chicago, Ill.
Tagliabue, Chas. J., 53 Fulton, New York
Uehling-Decker Co. (for Blast & Annealing Furnaces, etc.), Passaic, N. J.
Watertown Thermometer Co., Watertown, N. Y.
Weiskopf, Abraham, 69 S Canal, Chicago, Ill.
Zaubitz, August (Up to 3000 Degrees Fahr.), 48 Centre, N. Y.

Quarries.

See Cement Mfrs.
Granite Producers, etc.
Lime Mfrs.
Marble Producers.
Roofing Slate Mfrs.
Stone Producers.

Quarry Hoists & Machinery

(See Hoist of Various Kinds. Cranes of Various Kinds. Drills, Rock. Derricks, Engines, Hoisting, etc.)

Quartermaster's Department, U. S. Army.

Officers of Quartermaster's Department, U. S. Army, who have charge of construction work
Captain A. S. Bickham, Alexandria, Va.
Captain R. L. Brown, Sheridan, Wyo.
Captain Jacques de Lafitte, Delaware City, Del.
Captain J. T. French, Jr., Ft. Morgan, Ala.
Captain G. L. Goodale, Astoria, Ore.
Captain E. F. Ladd, New London, Conn.
Captain T. B. Lamoreux, Baltimore, Md.
Captain D. E. McCarthy, Ft. Leavenworth, Kan.
Major Geo. Ruhlen, Seattle, Wash.
Captain T. H. Slavens, Newport, R. I.
Captain R. B. Turner, Des Moines, Ia.
Captain A. W. Yates, Portland, Me.

Quick-Sand Shields (Interlocking Steel & Wood)

WITTEKIND, H. INTERLOCKING Sheet Piling Co., 28 Jackson boul, Chicago, Ill. (See adv. index, end of book)

Racks (Baggage)

Adams & Westlake Co., Ontario c N Franklin, Chicago; 2042 N 10th, Phila., Pa., & 26 Cortlandt, N. Y.
Rostand Mfg. Co., New Haven, Conn.

Racks (Bicycle)

Bramer, A. & D., Boston, Mass.
Gould Co., 24 N Canal, Chicago, Ill.
Gregory, Giles R., Norfolk, O.
Union Mfg. Co., Toledo, O.

Racks (Cut)

Bair & Gazzam Mfg. Co., 29th & Smallman, Pittsburg, Pa.
DAVIS, RODNEY, 626 Race, Phila., Pa. (See adv. index, end of book)
Fellows Gear Shaper Co., Springfield, Vt.
Gould & Eberhardt, Newark, N. J.
MINNEAPOLIS STEEL & MACHINEry Co. (Spur, Rack & Pinion), Minneapolis, Minn. (See adv. index, end of book)
Nuttall, R. D. Co., Pittsburg, Pa.
PHILADELPHIA GEAR WORKS (Brass, etc.), Phila., Pa. (See adv. index, end of book)
Simonds Mfg. Co., Pittsburg, Pa.
STANDARD GAUGE STEEL CO. (Finished), Beaver Falls, Pa. (See adv. index, end of book)
Walcott, Geo. D. & Son, Jackson, Mich.

Racks (Hat, Coat & Towel)

Landers, Frary & Clark (Towel Racks, Polished, Solid Brass), New Britain, Conn.
McKenna Bros. Brass Co., Pittsburg, Pa.
Parks & Parks, Troy, N. Y.
Vogel, Wm. & Bros., 37 S 9th, Brooklyn, N. Y.

Racks (Machine)

STANDARD GAUGE STEEL CO. (Finished Cut Steel), Beaver Falls, Pa. (See adv. index, end of book)

Racks (Postal Bag)

Harrison Postal Bag Rack Co., Fond-du-Lac, Wis.

Racks (Tool)

Cleveland Wire Spring Co. (Sheet Metal), Cleveland, O.

Radiator (Bronze)

(See Bronze Powders.)

Radiator Enamels

(See Enamels, Radiator.)

Radiator Screens (Ornamental)

Acme Fancy Wire Works, Caufield av & Moran, Detroit, Mich.
HECLA IRON WORKS, N 11th & Berry, Brooklyn, N. Y. (See adv. index, end of book)
WINSLOW BROS. CO. (Iron, Brass & Bronze), Main Office & Works, 368 Carroll av, Chicago, Ill.; 160 5th av, New York; 326 4th av, Pittsburg, Pa.; Colonial Trust bldg, St. Louis, Mo.; Hennen bldg, New Orleans, La.; 121 New Montgomery, San Francisco, Cal., & Andrus bldg, Minneapolis, Minn. (See adv. index, end of book)

Radiator Shields

Andrews & Johnson Co., 260 Wash'n boul, Chicago, Ill.
Hawkins Rollyn Co., Indianapolis, Ind.
Monash-Younker Co. (Dixon), 201 S Canal, Chicago, Ill.
Prentice, L. H. Co., 34 Sherman, Chicago

Radiator Valves

(See Valves, Radiator.)

Radiators (Electric Car)

(See Heaters, Electric Car.)

Radiators (Gas)

Clark, Geo. M. & Co., 72 Lake, Chicago, Ill.
Crane, Wm. M. Co., 1131 B'way, New York
Criterion Gas Stove Mfg. Co., 447 Greenwich, N. Y.
Dangler Stove & Mfg. Co., Cleveland, O.
Detroit Heating & Lighting Co., 335 Wight, Detroit, Mich.
Elk Heater Mfg. Co. ("Elk Triple," Natural Gas), Columbus, O.
Gilbert & Barker Mfg. Co., Springfield, Mass.; 82 John, New York; Boston, Mass., & Phila., Pa.
Kahn, F. & L. & Bros., Hamilton, O.
Lewis, R. & Co., 153 Lewis, N. Y.
Milwaukee Gas Stove Co., 139 Burrell, Milwaukee, Wis.
New York Gas Stove Works, 243 Water, New York
Ringen Stove Co., St. Louis, Mo.
Schneider & Trenkamp Co. (The Reliable), 479 Case av, & 62 S Canal, Chicago, Ill.
Southard-Robertson Co., 257 Water, N. Y.
Union Stove Works, 70 Beekman, N. Y.
Weiskitt, C. A. & Son, Aliceanna & Wash'n, Baltimore, Md.

Radiators (Hot Water & Steam)

American Radiator Co., General Office, 282 Michigan av, Chicago, Ill.; 44 E 20th, New York; 207 N 10th, St. Louis, Mo.; 622 Arch, Philadelphia, Pa.; 831 15th, Denver, Colo.; 44 Oliver, Boston, Mass.; Guaranty Loan bldg, Minneapolis, Minn.; Prudential bldg, Buffalo, N. Y.; Detroit, Mich.; Milwaukee, Wis.; Cincinnati, O.; Pittsburg, Pa.; Washington, D. C.; Seattle, Wash.; Omaha, Neb., & 143 Queen Victoria, London, Eng.
Best Mfg. Co. (Est. of), Lancaster, Pa.
Fowler & Wolfe Mfg. Co., Phila. Bourse, Philadelphia, Pa.
Fuller-Warren Co., Milwaukee, Wis., & 86 Lake, Chicago, Ill.
Gibson Iron Works, Gibson City, Ill.
Griffing, A. A. Iron Co., Jersey City, N. J.
Gurney Heater Mfg. Co., 74 Franklin, Boston, Mass.
Hoebner & Sons, Lansdale, Pa.
Holland Radiator Co., 38 Dearborn, Chicago, Ill.
Hopson & Chapin Mfg. Co. (Hot Water), New London, Conn.
Jarecki Mfg. Co., Erie & Pittsburg, Pa.
Kellogg-Mackey-Cameron Co., 222 Lake, Chicago, Ill. Works, Benton Harbor, Mich.
Keystone Boiler & Radiator Co., Huntington, Pa.
KINNEAR-HOOD STEEL CO. (Sheet steel), 41 E 21st, New York. (See adv. opp. this page)
McLain, J. H. Co., Canton, O.
Mott, J. L. Iron Works, 84 Beekman, New York; Boston, Philadelphia & Chicago
Nason Mfg. Co., 71 Beekman, N. Y.
National Radiator Co., Johnstown, Pa.
New York Radiator Co., Utica, N. Y.
Novelty Iron Co., Canton, O.
Page, W. H. Boiler Co., Norwich, Conn.
Penn Radiator Co., Corry, Pa.
Phila. Hardware & Malleable Iron Works (Inc.), 9th & Jeff'n, Phila., Pa.
Pierce, Butler & Pierce Mfg. Co., Syracuse, N. Y.; 254 4th av, New York; 24 S 7th, Phila., Pa., & 50 Oliver, Boston, Mass.
Reading Radiator Co., Reading, Pa.
Shirley Radiator & Foundry Co., Indianapolis, Ind. Works, Shirley, Ind.
Smith, H. B. Co., 133 Centre, New York; 704 Arch, Philadelphia, Pa., & Westfield, Mass.
Sodemann Heat & Power Co. (The Ringen Louis XIV), 412 N 6th, St. Louis, Mo.
South Park Foundry & Machine Co., St. Paul, Minn.
Steel & Robinson Co., Williamsport, Pa.
Union Acme Radiator Co. ("Cornith Acme"), Uniontown, Pa.
U. S. Radiator Co., West Newton, Pa.
U. S. Radiator Co., Dunkirk, N. Y., & Fuller bldg, New York
Utica Heater Co., Utica, N. Y.
Walker & Pratt Mfg. Co., 33 Union, Boston, Mass.
Walworth Mfg. Co., 132 Federal, Boston, Mass.
Webster City Steel Radiator Co., Webster City, Ia.
Western Tube Co. (Standard Staggered Tube Circular Coil, etc.), Kewanee, Ill. Sales Offices, 204 Dearborn, Chicago, Ill.; 15 Park Row, N. Y.; Security bldg, St. Louis, Mo.; Lumber Exchange, Minneapolis, Minn.; Mills bldg, San Francisco, Cal., & Tulane-Newcomb bldg, New Orleans, La.

Radiators (Sheet Steel)

KINNEAR-HOOD STEEL CO., 41 E 21st, New York. (See adv. opp. this page)

Radiators (Stove Pipe)

Barber Mfg. Co., Ashtabula, O.
Enterprise Foundry Co., 48 Olean, Rochester, N. Y.
Rochester Radiator Co., 268 State, Rochester, N. Y.
Ross Radiator Co. ("Ross" Smokepipe), Newburgh, N. Y.

Rail Benders

(See also Rail Bending & Straightening Machines in Machinery.)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
BUDA FOUNDRY & MFG. CO. ("Buda," "Jim Crow" & Roller Rail Bender), Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
Elkhart Frog & Crossing Works, Elkhart, Ind.
Fall River Machine Co., Fall River, Mass.
FAIRBANKS, MORSE & CO. (Automatic or "Jim Crow"), Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3rd, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Flather, Mark Planer Co., Nashua, N. H.
Fox Bros. Co. (The Jim Crow & Lever), 24 Vesey, New York
Hardsocg Martin Mfg. Co. (Ltd.), 922 South av, Allegheny, Pa.
Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Industrial Works, Bay City, Mich.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Kenney & Co., Scottdale, Pa.
Keystone Machine Tool Works, 1037 Ridge av, Phila., Pa.
McCoy, Jos. F. Co., 157 Chambers, New York
Niles Mine & Mill Supply Co., Cleveland, O., & Niles, O.
Pettibone, Mulliken & Co. (Roller), 204 Dearborn, Chicago, Ill.
Solid Steel Tool Co. ("S. T. S."), 11 S Jeff'n, Chicago, Ill.
Turner, John T. (The "Williston"), Lowell, Mass.
Verona Tool Works (The "Manning," eccentric, etc.), Verona, Pa., & Pittsburg, Pa.
Vicksburg Mfg. Co., Vicksburg, Mich.
Zelnicker, Walter A. Supply Co. ("Zelnicker"), 408 N 4th, St. Louis, Mo.; Mobile, Ala., & New Orleans, La.

Rail Bonds

AMERICAN STEEL & WIRE CO., (The "Crown" Solid, Flexible Copper), The Rookery, Chicago; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & San Francisco, Cal. (See adv. index, end of book)
Anderson, Albert & J. M. Mfg. Co., 287 A, South Boston, Boston, Mass.
Brown, Harold P. (Edison-Brown Plastic), 120 Liberty, New York
Chase-Shawmut Co. (Flexible), Newburyport, Mass.
Cleveland Brass & Bronze Works ("Barrett"), 1138 Hamilton, Cleveland, O.
Electric Appliance Co., 94 W Van Buren, Chicago
Eureka Tempered Copper Works ("The Eureka"), North East, Pa.
Falk Company, ft. 30th, Milwaukee, Wis.
GENERAL ELECTRIC CO., Schenec- tady, N. Y., & 44 Broad, New York. (See adv. index, end of book)
Harrington, S. H., 120 Liberty, New York
Johns, H. W.-Manville Co. (Protected), 100 William, N. Y.
Mayer & Englund, 1024 Filbert, Phila., Pa.
New York Electrical Works (Duplex), 515 Kent av, Brooklyn, N. Y.
Ohio Brass Co., Mansfield, O.
Peterson, Jno. L. & Co. (The Hunder), Galesburg, Ill.
Protected Rail Bond Co., 1024 Filbert, Phila., Pa.

Roebling's, John A. Sons Co. (The Columbia), Trenton, N. J.; 117 Liberty, New York; San Francisco, Cal., & 171 Lake, Chicago
Thomas, Edw. G., 4 State, Boston, Mass.
WESTINGHOUSE ELECTRIC & MFG. Co., Westinghouse bldg, Pittsburg, Pa. (See adv. index, end of book)

Rail Braces & Fastenings

Ajax Forge Co., 138 Jackson boul, Chicago
Alabama Frog & Switch Co., Anniston, Ala.
Algoma Steel Co. (Splice Bars), Sault Ste Marie, Ontario
Allentown Rolling Mills, Allentown, Pa.
American Frog & Switch Co., Hamilton, O.
Ames, W. & Co., Jersey City, N. J.
Atlas Railway Supply Co., Manhattan bldg, Chicago
Beaver Dam Malleable Iron Co., Beaver Dam, Wis.
BUDA FOUNDRY & MFG. CO., Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
Cambria Steel Co., Johnstown, Pa.; Arcade bldg, Philadelphia, & 71 B'way, New York
Carnegie Steel Co., General offices, Pittsburg, Pa.; 1502 Market, Philadelphia, Pa.; The Rookery, Chicago, Ill., & 71 B'way, New York
CHISHOLM & MOORE MFG. CO., (Malleable Iron), Cleveland, O. (See adv. index, end of book)
Colorado Fuel & Iron Co., Denver, Col., & 71 B'way, N. Y.
Continuous Rail Joint Co., 142 Market, Newark, N. J.
Dayton Malleable Iron Co., Dayton, O.
Diamond State Steel Co. (Cast Iron), Wilmington, Del.; 29 B'way, New York, & Phila., Pa.
Dilworth, Porter & Co. (The Goldie), Pittsburg, Pa.
Elliott Frog & Switch Co., East St. Louis, Ill.
Elkhart Frog & Crossing Works, Elkhart, Ind.
Greer Spike Co., 303 Dearborn, Chicago, Ill.
Illinois Steel Co., Rookery bldg, Chicago, Ill., & 71 B'way, New York
Independent Rolling Mill Co., Cuyahoga Falls, Ohio
Kinsley Iron & Machine, Canton, Mass.
Knoxville Iron Co., Knoxville, Tenn.
McConway & Torley Co., 48th & A. V. Ry., Pittsburg, Pa.
Morden Frog & Crossing Works, The Rookery, Chicago
New York Switch & Crossing Co., Hoboken, N. J.
Norway Iron & Steel Co., York, Pa.
Penna. Iron Co., Lancaster, Pa.
Penna. Steel Co., Girard bldg, Philadelphia; 70 Kilby, Boston, Mass., & 71 B'way, N. Y. Works, Steelton, Pa.
Pettibone, Mulliken & Co. ("Aikens" Forged Steel), 204 Dearborn, Chicago, Ill.
Pittsburg Forge & Iron Co., Pittsburg, Pa.
Portland Iron & Steel Co., Portland, Me.
Ramapo Iron Works, Hilburn, N. Y., & Niagara Falls, N. Y.
Reading Iron Co., Reading, Pa.
Republic Iron & Steel Co., offices, First Nat'l Bank bldg, Chicago. District Sales Offices: Buffalo, Cleveland, Birmingham, Ala.; Manhattan Life bldg, New York; Mermod-Jaccard bldg, St. Louis; St. Paul; Pittsburg, Pa., & Cincinnati, O.
Ruffner & Son, Falls of Schuylkill, Phila., Pa.
Sellers Mfg. Co., 27 W Chicago av, Chicago
Tredegar Co., Richmond, Va.
Union Drop Forge Co., 66 E Ohio, Chicago, Ill.
UNION SWITCH & SIGNAL CO., THE, Swissville, Pa.; 143 Liberty, New York, & Monadnock blk, Chicago, Ill.
Weber Railway Joint Mfg. Co., 71 B'way, N. Y.
Weir Frog Co., Cincinnati, O.
Wilmington Malleable Iron Co., Taylor c Locust, Wilmington, Del.

Rail Buck Staves

Baumgarten, A. F. & Bro., Farmers' B'k bldg, Pittsburg, Pa.

Rail Forks

(See also Forks, Rail.)

Iron City Tool Works (Steel), Pittsburg, Pa.
Verona Tool Works (Steel), Verona, Pa., & Pittsburg, Pa.

Rail Joints

American Improved Rail Joint Co., Monadnock blk, Chicago
Atlas Railway Supply Co. (For Tee or Girder Rails), Manhattan bldg, Chicago
American Washer & Mfg. Co. ("The D. O. Ward"), Newark, N. J., & 263 Dearborn, Chicago
Bonzano Rail Joint Co., 22 S 15th, Phila., Pa.
Butler Foundry & Machine Co. ("McCool" Boltless), Farmers' Bank bldg, Pittsburg, Pa. Works, Butler, Pa.
Cambria Steel Co., Johnstown, Pa.; Arcade bldg, Philadelphia, Pa., & 71 B'way, N. Y.
Carnegie Steel Co. General offices, Pittsburg, Pa.; 1502 Market, Philadelphia, Pa.; The Rookery, Chicago, Ill., & 71 B'way, New York
CHISHOLM & MOORE MFG. CO., (American Standard), Cleveland, O. (See adv. index, end of book)
Colorado Fuel & Iron Co., Denver, Col., & 71 B'way, N. Y.
Continuous Rail Joint Co. (Continuous), 142 Market, Newark, N. J.
Diamond State Steel Co. (The Churchill & Diamond), Wilmington, Del.; 29 B'way, New York, & Philadelphia, Pa.
Falk Co. (Cast Welded), ft of 30th, Milwaukee, Wis., & 79 New Montgomery, San Francisco, Cal.
Fisher & Norris (The Fisher) (Clark Fisher, Prop.), Fair & Factory, Trenton, N. J.
Heil Rail Joint Welding Co. (Cast Welded), Milwaukee, Wis.
Illinois Steel Co., Rookery bldg, Chicago, Ill., & 71 B'way, New York
Independent Railroad Supply Co. ("Wolhaupter"), The Rookery, Chicago, Ill.
Kaufman, C. B. Railway Supply Co., San Francisco, Cal.
McConway & Torley Co., 48th & A. V. Ry., Pittsburg, Pa.
Milwaukee Rail Joint & Welding Co., Pabst bldg,, Milwaukee, Wis.
New Jersey Steel Co., Rahway, N. J.
Nix Rail Joint Co., Miles City, Mont.
Paige Iron Works, Harvey, Ill., & Monadnock blk, Chicago
Penna. Steel Co., Steelton, Pa.; Girard bldg, Phila., Pa.; 70 Kilby, Boston, Mass., & 71 B'way, New York
Railway Appliances Co. ("Bonzano"), Old Colony bldg, Chicago, Ill.
Ramapo Iron Works, Hilburn, N. Y., & Niagara Falls, N. Y.
Schonthal Iron & Steel Co., Cumberland, Md.
Standard Coupler Co., 160 B'way, New York. Works, Bridgeport, Conn.
Weber Railway Joint Mfg. Co., 71 B'way, N. Y.
Wharton, Wm., Jr., & Co. (Inc.), 25th & Washington av, Philadelphia, Pa.
Wilmington Malleable Iron Co., c Taylor & Locust, Wilmington, Del.

Rail Joints (Continuous)

Continuous Rail Joint Co., 142 Market, Newark, N. J.
Lorain Steel Co. (Electrically Welded), Penna bldg, Phila., Pa., & Johnstown, Pa.

Railings (Altar)

WINSLOW BROS. CO., (Iron, Brass & Bronze), Main Office & Works, 368 Carroll av, Chicago, Ill.; 160 5th av, New York; 326 4th av, Pittsburg, Pa.; Colonial Trust bldg, St. Louis, Mo.; Hennen bldg, New Orleans, La.; 121 New Montgomery, San Francisco, Cal., & Andrus bldg, Minneapolis, Minn. (See adv. index, end of book)

Railings (Brass)

(See Bank & Office Railings.)

Railings (Iron & Brass Pipe)

WRIGHT WIRE CO., (& Fixtures), Worcester, Mass. (See adv. index, end of book)

Railings (Railway Coach Platform)

Adams & Westlake Co., Ontario c N Franklin, Chicago, Ill.; 2042 N 10th, Phila., Pa., & 26 Cortlandt, N. Y.

Railroad Contractors

(See Contractors, Railroad.)

Railroad Contractors' Tents

(See Contractors' Railroad Tents.)

Railroad Curves

SOLTMANN, E. G. (Metal & Wood, also Everything for the Architect, Engineer & Draughting Room), 125 E 42d, New York. (See adv. index, end of book)

Railroad Equipments (Second Hand)

(See also Railroad Supplies.)

Apex Equipment Co., 11 B'way, New York
Benjamin Iron & Steel Co., D. S. Morgan bldg, Buffalo, N. Y.
Birmingham Rail & Locomotive Co. (Locomotives, Rails, etc.), Birmingham, Ala.
Block-Pollak Iron Co., Carthage, O., & Marquette bldg, Chicago, Ill.
Briggs, Marvin, Whitehall bldg, New York
Carey, Thos. F. (Rails, Locomotive, Passenger, Freight & Dump Cars, etc.), 53 State, Boston, Mass.
Carlin, W. J. Co., Lewis blk, Pittsburg, Pa.
Carlin's, Thomas Sons Co., Allegheny, Pa.
Contractors Equipment Co. (Locomotives, Steam Shovels, Cars, Rails, etc.), Betz bldg, Phila., Pa.
Cox, Justice, Jr., & Co. (Cars, Locomotives, Relaying Rails, etc.), Land Title bldg, Phila., Pa.
Dallett & Co., 201 Walnut pl, Phila., Pa.
Dana & Co., 32 B'way, New York
Davis & Bryan (Locomotives, Relaying Rails, Machine Tools, etc.), Arcade bldg, Phila., Pa.
Dilley Foundry Co., Pine Bluff, Ark.
Dreiffus, Emanuel & Co. (Relaying Rails), Arcade bldg, Phila., Pa.
Evans, Geo. C. (Rails & Railway Equipments), 52 B'way, N. Y.
Fitz-Hugh, Luther Co. (New & Second-Hand Locomotives, Cars, etc.), Monadnock blk, Chicago, Ill.
Foster & Green (New & Relaying Rails, etc.), Farmers' Bank bldg, Pittsburg, Pa.
Fuller, Geo. (Rolling Stock & Relaying Rails, etc.), Old Colony bldg, Chicago, Ill.
Gardner, Jas. T. (Locomotives, Cars, etc.), Monadnock blk, Chicago, Ill.
HICKS, F. M. (Rolling Stock, etc.), 277 Dearborn, Chicago, Ill.
Hirsch, Cal. & Sons Iron & Rail Co., 212 Clark av, St. Louis, Mo., & Union Trust bldg, Cincinnati, O.
Hirsch, L. K. Co. (Locomotives, Cars, Relaying Rails, etc.), 549 Rookery bldg, Chicago, Ill.
Hyde Bros. & Co. (Relaying Rails, etc.), Empire bldg, Pittsburg, Pa.
Jones, J. B. & Co. (Relaying Rails), Allegheny, Pa.
Joseph, Isaac Iron Co., 525 Reading road, Cincinnati, O., & Monadnock blk, Chicago, Ill.
Joseph, Jos. & Bros. Co., 1242 Harrison av, Cincinnati, O.
Kaiser, A. V. & Co., 222 S 3d, Phila., Pa.
Kenly, W. K. & Co. (Relaying Rails, etc.), The Rookery, Chicago, Ill.
Kennedy, L. E. & Co., 17 B'way, N. Y.
Kilby Locomotive & Machine Works, Anniston, Ala.
Lehmer, Jos. R., 1212 Farnam, Omaha, Neb.
Levis, Henry & Co. (Relaying Rails, etc.), 26 S 15th, Phila., Pa.
Low, Edgar S. Co. (Steam Shovels, Locomotives, Cars, etc.), Empire bldg, Pittsburg, Pa.

Males Co. (Locomotives, Cars, Steam Shovels, etc.), Traction bldg, Cincinnati, O., & 256 B'way, N. Y.
May & Spalding (Frogs, Switches, Section Rails, etc.), Atlanta, Ga.
Miller Supply Co., Huntington, W. Va.
Mitchkun, M. Co., Chamber of Commerce, Detroit, Mich.
New York Equipment Co. (Locomotives, Cars, etc.), 18 B'way, New York
Ohio Iron & Metal Co., 108 La Salle, Chicago
Patton, J. R. & Co. (Locomotives, Cars, Relaying Rails, etc.), House bldg, Pittsburg, Pa.
Perry, W. H. Co., 288 Dyer, Providence, R. I.
Poulterer & Co., Bullitt bldg, Phila., Pa.
Robinson & Orr, 419 Wood, Pittsburg, Pa.
Sabel Bros., Jacksonville, Fla.
SHAW, WILLIS, 171 Lasalle, Chicago. (See adv. index, end of book)
Smith, Thos. & Son, 437 Leonard, Brooklyn, N. Y.
Southern Iron & Equipment Co. (Locomotives, Rails, etc.), Atlanta, Ga.
Standard Railway Equipment Co., 77 Jackson boul, Chicago
Steel Rail Supply Co. (Relaying & Scrap Rails, Spikes, etc.), 100 B'way, New York
Torbert, A. C. & Co., Monadnock blk, Chicago, Ill.
Union Iron Works Co., Selma, Ala.
Watson, Benjamin, 66 Beaver, New York
Waycott Supply Co. (Locomotives, Cars, Relaying Rails, etc.), 527 N 2d, St. Louis, Mo.
Wilson, E. H. & Co. (Locomotives, Coaches, Rails, etc.), Arcade bldg, Philadelphia, Pa.
Wolf, L. & Bro. (Locomotives, Relaying Rails, etc.), Cincinnati, O., & Savannah, Ga.
Wood, A. M. Co. (Relaying Rails), Arcade bldg, Phila., Pa.
Wood & Co., 204 Dearborn, Chicago, Ill.
Zelnicker, Walter A. Supply Co. (Rails, Frogs, Switches, Tools, etc.), St. Louis, Mo.; Mobile, Ala., & New Orleans, La.

Railroad Excavators

(See Excavators, Steam; also Shovels, Steam.)

Railroad Stationery, Blanks, Manifests, Etc.

(See also Paper, Railroad, Manila & Writing.)

Anchor Mills Paper Co. (Copying Paper), Windsor Locks, Conn.
Baker & Vawter Co. (Manifold Shipping Blanks), Chicago, Ill.
Barlow Bros. (Manifold Shipping Blanks), Grand Rapids, Mich.
Boorum & Pease Co. (Manifold Books), 103 Duane, N. Y.
Brown, Martin B. & Co. (Railroad Printing, etc.), 49 Park pl, N. Y.
Cosby, Chas. E. & Co. (Manifold Books), St. Paul, Minn.
Dexter, C. H. & Sons ("Star" Manifold, Linen & Copying Paper, etc.), Windsor Locks, Conn.
Diamond Mills Paper Co. (Manifests & Copying Paper), 44 Murray, N. Y.
Eden Tissue Mills (Copying Paper, etc.), Whippany, N. Y.
Francis & Louttrel Co. (Manifold Books, etc.), 146 William, N. Y.
Hall, J. C. & Co. (Manifold Books, etc.), Providence, R. I.
Hamilton Autographic Register Co. (Manifold Shipping Blanks), Hamilton, O.
Hampden Glazed Paper & Card Board Co. (Railroad Blanks), Holyoke, Mass.
Holyoke Card & Paper Co. (Railroad Blanks), Springfield, Mass.
King, Albert B. & Co., 105 William, N. Y.
Linden Paper Co. (Copying Paper), Holyoke, Mass.
Mann, Wm. Co. (Copying Paper, etc.), 60 Maiden la, N. Y.
N. Y. Blank Book Co., 7 Laight, N. Y.
R. I. Card Board Co. (Railroad Blanks), Pawtucket, R. I.
Rogers Manifold & Carbon Paper Co. (Manifold Paper), 75 Maiden la, N. Y.
Smith, S. G. Co. (Manifold Paper), 14 Park pl, N. Y.
Springfield Paper Co. (Copying Paper), Rainbow, Conn.
Union Mills Paper Mfg. Co. (Copying Paper), New Hope, Pa.
Ward, John & Son, 98 Cedar, N. Y.
Whitmore, Mfg. Co. (Railroad Blanks), Holyoke, Mass.
Whittelsey, Frank H. (Railroad Manifest Impression Paper, Train Order Blanks, etc.), Windsor Locks, Conn.

Railroad Supplies

(See also the Specific Article Wanted.)

(See also Railroad Equipments, Second Hand; also Railway Supplies, Electric.)

(For all other Railroad Specialties, etc., see Index of Contents.)

ALABAMA.

ANNISTON—Alabama Frog & Switch Co. (Frogs, Switches, Crossing, etc.)
BIRMINGHAM—Birmingham Rail & Locomotive Co. (Locomotives, Rails, etc., Second Hand)
Bowen & Street (Locomotives, Cars, etc., Second Hand)
Lehman, Charles T.
MOBILE—Barney, Cavanaugh Hardware Co.
Southern Supply Co. (Cars, Rails, Spikes, etc.)
Zelnicker, Walter A. Supply Co. (of St. Louis, Mo.), (Rails, Switches, Tools & Supplies)

ARKANSAS.

LITTLE ROCK—Wehrfritz, E. C. Machinery & Supply Co.

CALIFORNIA.

LOS ANGELES—**FAIRBANKS, MORSE & Co.** (See adv. index, end of book)
Pacific Coast Mfg. Co., 122 S Los Angeles
Union Hardware & Metal Co.
Wigmore, John & Sons Co.
SAN FRANCISCO—Arnold Hardware Co., 23 Davis
Bacon & Elliott
Bauer Lamp & Reflector Co., 510 Mission
Bishop, Ira (Falk Co.'s Specialties, etc.), Hayward bldg
Boesch Lamp So., 585 Mission
Brown, Beal & Co., Mills bldg
Colorado Fuel & Iron Co., 220 Market
Dunham, Carrigan & Hayden Co., 17 Beale
Eccles & Smith, 91 Fremont
Electric Ry. & Mfrs.' Supply Co., 68 1st
FAIRBANKS, MORSE & CO., 310 Market. (See adv. index, end of book)
Falk Co., Hayward bldg
Garratt, W. T. & Co., 138 Fremont
Henshaw, Bulkley & Co., S W c Fremont & Mission
Isaacs, Wm. B., 226 Market
Kaufman, C. B. Ry. Supply Co., 49 2d
Lawson, F. A. & Co., 519 Mission
LESCHEN, A. & SONS ROPE CO., 85 Fremont. (See adv. index, end of book)
Livermore, Norman B. & Co. (Locomotives, Steam Shovels, Dredges, etc.), Rialtobldg
Marwedel, C. W., 58 1st
Pacific Hardware & Steel Co., 22 Fremont
Pacific Tool & Supply Co., 100 1st

COLORADO.

DENVER—Bond, Duncan, Exchange bldg
Colorado Fuel & Iron Co., Boston bldg
FAIRBANKS, MORSE & CO., 1600 17th. (Sec adv. index, end of book)
Hendrie & Bolthoff Mfg. & Supply Co., 1625 17th
International Railway Supply Co., Continental bldg
LESCHEN, A. & SONS ROPE CO., 1717-23 Arapahoe. (See adv. index, end of book)
National Railway Supply Co., Continental bldg
Shaw, S. G. & Co., Boston blk

CONNECTICUT.

BRIDGEPORT—Burns, Silver Co., 38 Austin
Standard Coupler Co. (Couplers, Draft Gears, Steel Platforcs, etc.)
HARTFORD—Howard, Jas. L. & Co.

GEORGIA.

ATLANTA—American Equipment Co., Ridge av c Wash'n
Beck & Gregg Hardware Co.
Carnegie Steel Co., Equitable bldg
Davis, Wm. P., Equitable bldg
May & Spalding, 748 Euitable bldg
Southern Iron & Equipment Co. (Second Hand Locomotives, Rails, etc.), Prudential bldg
AUGUSTA—Lombard Iron Works & Supply Co.
SAVANNAH—Hartfelder-Garbutt Co.
Palmer Hardware Co.
Peeples, H. H. & Son
TIFTON—Tift, H. H.

ILLINOIS.

CHICAGO—Acme Supply Co., 100 Lake
Adams, F. O., 204 Dearborn
Adams & Westlake Co., Ontario & N Franklin
Ajax Forge Co., 138 E Jackson boul.
Ajax Metal Co., 204 Dearborn
Allen & Morrison Brake Shoe & Mfg. Co., Tacoma bldg
American Ballast Co., Security bldg
AMERICAN BRAKE SHOE Foundry Co. (Brake Shocs, Iron & Steel Castings, etc.), Western Union bldg. (See adv index, end of book)
American Improved Rail-Joint Co., Monadnock blk
American Locomotive Sander Co., 77 Jackson boul
American Washer & Mfg. Co., 269 Dearborn
ANDERSON, W. H. & SONS, 356 Dearborn. (See adv. index, end of book)
Atkinson, J. M. Co., 2427 Calumet av
Atlas Railway Sunpply Co., 315 Dearborn
Automatic Interchangeable Car Coupling Co., 116 S Clinton
Ayer & Lord Tie Co., 84 Van Buren
Bancroft Vestibule Car Co., 125 La Salle
Bessemer Spike Co., 115 Dearborn
Bettendorf Axle Co., Old Colony bldg
Bierce, Wm. W. (Ltd.), (Steel Rails, Frogs, Switches, etc.), Rookery bldg
Bird, F. W. &Son, Monadnock blk
Block-Pollak Iron Co. (Mfrs. Car & Locomotive Axles & Shape Work, & Dealer in Relaying Rails & Old Railway Materials), Marquette bldg
Bowes, F. K. Co., Fisher bldg
Brewer, Jno. S., 171 La Salle
Buckeye Malleable Iron & Coupler Co., The Rookery
BUDA FOUNDRY & MFG. CO. (Track Materials, Tools, etc.), Railway Exchange bldg. Works, Harvey, Ill. (See adv. opp. page)
Buss, F. B., Monadnock blk
California Car Coupler Co., 116 S Clinton
Camel Co., 84 Van Buren
Car Builders' Supply Co., 77 Jackson boul.
Carnegie Steel Co., The Rookery
CARPENTER, GEO. B. & CO. 202 S Water. (See adv. index, end of book)
Castle, A. M. & Co., 60 S Canal
Channon, H. & Co. (Shovels, Tools, Tents & General Supplies), Market & Randolph
Cherrie, R. M. & Co. (Inc.), 138 8Jackson boul
Chicago Car Seal & Mfg. Co., 108 N Green
Chicago Car & Locomotive Works, Fisher bldg. Works, Hegewich, Ill.
Chicago-Cleveland Car Roofing Co., 84 Van Buren
Chicago Crossing Co., Monadnock blk
Chicago Grain Door Co., Monadnock blk
CHICAGO PNEUMATIC TOOL CO. (Pneumatic Tools & Appliances of all Kinds), Fisher bldg. (See adv. index, end of book)
Chicago Railway Equipment Co., 40th & Princeton av
Chicago Supplemental Car Body Co., 2 Sherman
Chicago Tie Preserving Co., W 94th & C. R. I. & P. R. R.
Chicago Truck Co., Monadnock blk

Clapp, H. A., 89 S Canal
Coffin-Megeath Supply Co., 279 Dearborn
Common Sense Bolster Co., 279 Dearborn
Commonwealth Railway Supply Co., Monadnock blk
Consolidated Railway Electric Lighting & Equipment Co., 83 W Jackson boul
Continuous Rail Joint Co., Monadnock blk
Crane, A. M. & Co. (Inc.), (Rails & Track Supplies), The Rookery
Crerar, Adams & Co., 11 5th av
Curtain Supply Co., 85 Ohio
Damascus Brake Beam Co., 279 Dearborn
Dilworth, Porter & Co., 204 Dearborn
Dressel Railway Lamp Works, Monadnock blk
Eames Vacuum Brake Co., 279 Dearborn
Edwards, O. M. Co., 279 Dearborn
Edwards Railroad Electric Light Co., Monadnock blk
Elliott, Percey M., 84 Van Buren
Ellis, Jerome A., 77 Jackson boul
Elmore-Fowler-Jacobs Co., 279 Dearborn
FAIRBANKS, MORSE & CO., Franklin & Munroe. (See adv. index, end of book)
Fitz-Hugh-Luther Co. (Locomotives, Cars, Rails, etc.), Monadnock blk
Forsyth Automatic Air & Steam Coupler Co. (Automatic Air & Steam Couplers), The Rookery
Forsyth Bros. Co., 50 S Canal
Fortiner, J. C. (Forgings, Castings & Bar Iron, etc.), Monadnock blk
Fortuna Mfg. Co., 36 La Salle
Fuller, Geo. (Second Hand Rolling Stocks, etc.), Old Colony bldg
Gardner, James T. (Locomotives, Cars, etc.), Monadnock blk
Gold Car Heating & Lighting Co., The Rookery
General Railway Signal Co., Monadnock blk
Goldie, Wm., Jr., & Co., 204 Dearborn
Gordon Railway Joint & Nut Lock Mfg. Co., 112Clark
Gould Coupler Co., The Rookery
Hale & Kilburn Mfg. Co., 279 Dearborn
Hall Signal Co., Monadnock blk
Handy Car Equipment Co. (Snow Car & Locomotive Replacers), Old Colony bldg
Harris Track Laying Machine Co., 315 Wabash av
Hewitt, Chas. M., Monadnock blk
Hubbard, Spencer, Bartlett & Co. (Track Tools, etc.), State st Bridge
HICKS, F. M. (Rolling Stock, etc.), 277 Dearborn
Hinson Mfg. Co., 234 La Salle
Hirsch, L. K. Co. (Rails, Splice Bars, Bolts, Spikes, etc.), The Rookery
Holcombe-Lobb Co., 204 Dearborn
Holland Co., 77 Jackson boul
Holman, Daniel F. Railway Track Layer Co., 140 Dearborn
Hutchins, E. R. & R. G. ("Perry" Roller Side Bearing, etc.), The Rookery
Illinois Car & Euipment Co. (Rolling Stock, Castings, Forgings, etc.), Old Colony bldg
Independent Ralroad Supply Co. (Rail Joints, Tie Plates, etc.), The Rookery
International Register Co., 124 W Jackson boul
Johnson & Matson, 47 S Canal
Jones Car Door Co., Monadnock blk
Jones Positive Nut Lock Co., 2812 Wabash
Jones & Laughlin Steel Co., W Lake, N E c Canal
Joseph, Isaac Iron Co. (Relaying Rails, Locomotives, etc.), Monadnock blk
Joseph, Joseph & Bros. Co., 77 Jackson boul
Kilbourne & Jacobs Mfg. Co., 225 Dearborn
Kimbark, S. D. Co., 84 Michigan av
Kindl Car Truck Co. (Kindl Truck Frames), 135 Adams
Kirby-Carpenter Co., 84 Van Buren
Latrobe Steel & Coupler Co., 84 Van Buren
LESCHEN, A. & SONS ROPE CO., 137 E Lake. (See adv. index, end of book)
Lester, F. A. & Co. (Forgings, Ties, Tool Steel, etc.), 84 Van Buren
Littlefield, Andrew S., Monadnock blk
Locomotive Appliance Co., 279 Dearborn
Lovejoy, Thos. H., 90 Ohio
McConway & Torley Co., 77 Jackson boul
McCord & Co., 84 Van Buren
McDuffie, Hy. H., Monadnock blk
McGuire-Cummings Mfg. Co., 122 N Sangamon
MacLean Hydraulic Signal Co., 358 Dearborn
MANNING, MAXWELL & MOORE, 22, 24 & 26 S Canal. (See adv. index, end of book)
Manufacturers' Railway Supply Co. (Interlocking Brake Shoes, etc.), Fisher bldg
Mark Equipment Co., 427 43d
Mechanical Mfg. Co. ("Bartley" Bumping Posts), Union Stock Yards
Midland Railway Supply Co., The Rookery
Miller Car Lock &Seal Co., 315 Dearborn
Miller Signal Co., Monadnock blk
Milner Caleb, Old Colony bldg
Miner, W. H. Co. (Draft Rigging, etc.), The Rookery
Morden Frog & Crossing Works, The Rookery
Mueller, Wm. Co., 204 Dearborn
Murphy, Christopher & Co. (Iron, Steel, etc.), 204 Dearborn
Nathan Mfg. Co., 84 Van Buren
National Car Coupler Co. (Buffers, Couplers, Draft Gear, Steel Platforms & Centralizing Yokes), Monadnock blk. Works, Converse, Ind.
National Car Roofing Co., 4 Lake
National Hollow Brake Beam Co., 77 Jackson boul
National Lock Washer Co., Monadnock blk
National Mfg. & Supply Co. (Railway Specialties), Fisher bldg
National Surface Guard Co., The Rookery
National Ticket Case Co., 50 N Elizabeth
Naugle, E. E. Tie Co. (Ties, Poles & Lumber),159 La Salle
New York Air Brake Co., 279 Dearborn
Ohio Injector Co., Monadnock blk
Otis, Spencer Co., 303 Dearborn
Paige Iron Works, Monadnock blk
Parkhurst & Wilkinson Co., 143 Kinzie
Pettibone, Mulliken & Co. (Frogs, Switches, Switch Stands, Track Drills, Rail Benders, Track Jacks, etc.), 204 Deaborn
Phoenix Car Spring Co., The Rookery
Pittsburg Forge & Iron Co., Monadnock blk
Pneumatic Gate Co., 149 Huron
Positive Surface Cattle Guard Co., 355 Dearborn
Pressed Steel Car Co., 279 Dearborn
Pyle National Electric Headlight Co., Monadnock blk
Raber & Watson, 84 Van Buren
Railroad Supply Co., 215 Dearborn
Railway Appliances Co. (Car Replacers. Movers, Bumpers, Knuckles, etc.), Old Colony bldg
Railway Steel Spring Co. (Springs, Steel Tired Wheels, etc.), Fisher bldg
Railway Supply & Mfg. Co., 77 Jackson boul
Railway Materials Co. (Heating Furnaces, Bearings, Brake Shoes, etc.), Old Colony bldg
Republic Chemical & Creosoting Co., 78 La Salle
Republic Railway Appliance Co., 303 Dearborn
Richmond Safety ate Co., 387 Superior
Ripley, Wm. & Son, 36 La Salle
Ristine Co. (Channel Pins & Railroad Appliances), Rookery bldg
Rowell-Potter Safety Stop Co., The Rookery
Safety Car Heating & Lighting Co., Monadnock blk
Sellers Mfg. Co., 27 W Chicago av
SHAW, WILLIS (Locomotives, Relaying Rails, etc.), 171 La Salle. (See adv. index, end of book)
Shelby Steel Tube Co., The Rookery
Simplex Railway Appliance Co. (Car Bolsters, Roller Side Bearings, etc.), 279 Dearborn
Simpson, Wm. M., 84 Van Buren
Smith Car Door Co., Monadnock blk
Smith, O. W. Co., 225 Dearborn
Solid Steel Tool Co., 13 S Jefferson
Spear & Miller Co. (Brake Shoes, etc.), Monadnock blk
Standard Brake Shoe Co., Monadnock blk
Standard Car Truck Co. (Car Trucks, etc.), 884 Van Buren
Standard Coupler Co., Monadnock blk
Standard Ry. Equipment Co., 77 Jackson boul
Stanford, Arthur L., 4443 Lake av
Sterlingworth Ry. Supply Co., 77 Jackson boul
Stone, Harold R. Lumber Co., S Sangamon c W 21st
Templeton, Kenly & Co. (Ltd.) (Car Jacks, Relaying Rails, etc.), The Rookery
Texas Tie & Lumber Preserving Co., 84 Van Buren
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Tilden, B. E. Co., Monadnock blk
Trojan Car Coupler Co., Monadnock blk
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UNION SWITCH & SIGNAL CO., The, Monadnock blk
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United States Metallic Packing Co., 77 Jackson boul
United Supply & Mfg. Co., 279 Dearborn
Universal Car Bearing Co., 84 Van Buren
Universal Railway Supply Co., 84 Van Buren
Van Dorn, W. T., Monadnock blk
Venora Tool Works, 141 S Clinton
Wallace Supply Co., 169 Jackson boul
Walworth & Neville Mfg. Co., 84 Van Buren
Ward E. J. Co., 279 Dearborn
Ward Railway Supply Co., 269 Dearborn
Washburn Coupler Co., 84 Van Buren
Waycott Supply Co., 392 Wabash av
Weber Ry. Joint Mfg. Co., 84 Van Buren
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Western Wheeled Scraper Co., 89 S Canal
Westinghouse Air Brake Co., The Rookery
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Wood, G. S. &Co., 100 Lake

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Steel Wheel Hand and Push Cars, Switches, Frogs and Crossings.

General Office and Works, Harvey, Ill. Telephone, Wentworth 335.
Chicago Office, Railway Exchange Bldg. Telephone, Harrison 4416.

86⅝ % Mileage of all Railroads in U.S. use BUDA GOODS

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Yale, Julian L. & Co. (Couplers, Bolsters, Car Roofs, Steam Shovels, Rivets, Boiler Tubes, etc.), 303 Monadnock blk
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HARVEY—**BUDA FOUNDRY & MFG.** Co. (Track Materials, Tools, etc.) See adv. index, end of book)
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PEORIA—Acme Ry. Signal & Mfg. Co., E. P. Raymond Car Ventilator Co., Woolner bldg

INDIANA.

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Nebeker, E. H. & Son, Stevenson bldg

KENTUCKY.

LOUISVILLE—Belknap Hdw. & Mfg. Co., 111 W Main
Fairbanks, Morse &Co., 519 W Main
Hite, W. W. & Co., 154 4th
Louisville Car Wheel & Railway Supply Co., 3085th
Neill, W. H., 507 W Main
Semple, W. & A. C., 311 W Main
Todd-Donigan Iron Co., 817 W Main

LOUISIANA.

NEW ORLEANS—Bierce, Wm. W. (Ltd.) (Steel Rails, Frogs, Switches, Equipments, etc.), Hennen bldg
DAVIES, FRANK (Industrial, etc.), Hennen bldg. (See adv. indcx, end of book)
FAIRBANKS CO., 610 Canal
Menge, J. H. &Sons, 201 Tehoupitoulas
Woodward, Wight & Co., 406 Canal
Zeinicker, Walter A. Supply Co. (of St. Louis, Mo.) (Rails, Switches, Tools & Supplies)

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Blake, W. L. & Co.
Dunton-Chenery Co., 80 Union
Gerrish, J. J. Supply Co., 41 Commercial
Portland Co., 58 Fore

MARYLAND.

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American Signal Co., 1533 Guilford av
Aumen & Garrett, 102 South
Baltimore Railway Specialty Co. (''Norwood'' Center & Side Bearings)
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Carey Machinery & Supply Co., 26 Light
Coggins & Owens, 102 N Frederick
Cuyler & Mohler, 2324 Boston
Habighurst, Chas. F., 110 S Gray
Hoffman, R. C. & Co. (Iron & Steel Specialties, etc.), International Trust bldg
Kessel, Henry A. Co. (Hardware, Tools, etc.), 121 S Gray
Mallory, Jeremiah D., 22 Light
Manning Improved Rail Co., Equitable bldg
Meyer, H'y H., 110 S Howard
National Supply Co., 5 W Lombard
Smith, Geo. W., Union Trust bldg
Soale Muffler & Safety Valve Co., Calvert bldg
Symington, T. H. Co., Fidelity bldg
Wallace & Gale (Oils, Coverings, Compounds, etc.), 430 Pratt
Weber Railway Joint Mfg. Co. of New York, Equitable bldg
CUMBERLAND—McKaig, Merwin

MASSACHUSETTS.

BOSTON—American Brake Shoe & Foundry Co., 185 Summer
Atlas Bolt & Nut Co., 218 High
Barr, Jas. C., 70 Kilby
Bemis Car Truck Co., 53 State
Bishop, Robert (Est. of), 157 W 6th
Blackburn, S. P. & Co., 362 Atlantic av
Boston Car Wheel Co., Tremont bldg
Breck, Jos. & Sons Corp., 52 U. Market
Burnham & Duggan Railway Appliance Co., 89 State
Carey, Thos. F., 53 State
Continuous Rail Joint Co., 178 Devonshire
Cutting Car Co., 77 Summer
Dewey, F. O. Co., 28 Canal
Dodge, Haley & Co., 212 High
Dunning, Ed. L. Co., 64 Fedcral
Ellis, W. F., 178 Devonshire
Emmons, A. P., 89 State
FAIRBANKS CO., 40 Pearl
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Fitts, Frank E. Mfg. & Supply Co., 88 Purchase
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Fougere Locking Plate Co., 60 State
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Goettel, John, 44 Boylston
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Harrington, Robinson & Co. (Track, etc.), 272 Franklin
Harris Railway Appliance Co., 60 State
Hatch & Co., 106 Utica
Hinds, Fred C., 53 State
Hodges, Percy, 131 State
Holder & Herrick, 47 Broad
Hub Wire Cloth & Wire Work Co., 13 Devonshire
Huntress, Franklin E. & Co., 131 State
Isele, A. W. & Son, 53 Pitts
Kent, John, 70 Kilby
Kessel, Henry A. Co. (Hardware, Tools, etc.), 165 Milk
Magnolia Metal Co., 112 Water
MANNING, MAXWELL & MOORE, 128 Olive. (See adv. index, end of book)
Meader, George H., 38 Pearl
Murphy, Leavens & Co., 28 Exchange
National Brake Shoe Co., 620 Atlantic av
Norton Coupler & R. R. Supply Co., 114 State
Oberg, C. O. & Co., 100 Purchase
Page Bros. & Co., 355 Cambridge
Page, Newell & Co., 93 Broad
Peckham Mfg. Co., 53 State
Perrin, Seamans & Co., 57 Oliver
Pfingst, Louis, 31 State
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Rand-Avery Supply Co., 117 Franklin
Safety Rail Joint Co., 2 Kirby
Scavey Automatic Car Fender Co., 170 Summer
Sherburne & Co., 53 Oliver
Soule Raw Hide Lined Dust Guard Co., 113 Devonshire
Sprague Car Appliance Co.
Sylvester Co., 70 Kilby
Weber Railway Joint Mfg. Co., 70 Kilby
Weir Frog Co., 70 Kilby
Whall, C. H. & Co., 170 Summer
Woods, S. A. Machine Co., Dorr st, S. B.
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MICHIGAN.

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Detroit Car Seal Co., 232 Randolph
Detroit Steel Casting Co., 1243 Michigan av
FAIRBANKS, MORSE & CO., 103 Jefferson av. (See adv. index, end of Mich.
Farr, F. G., Hammond bldg
Freeman, Delameter & Co., 8 Woodward
Ginsberg, R. L. & Sons (Relaying Rails, Scrap, etc.)
Leach, P. F. & Co., Majestic bldg
Lorimer, J. S., Moffat bldg
Magann, G. P. Air Brake Co., 4th & Porter
Mitshkun, M. Co. (Second-hand), Cham. of Commerce
Monarch Brake Beam Co., c Leib & Wight
RUSSEL WHEEL & FOUNDRY Co. (Cars, Car Trucks & Railway Supplies. (Sec adv. index, end of book)
Stirling, J. R. & Co., 109 Buhl blk
Thornburgh Coupler Attachment Co. (Draw Bar Attachments, etc.), Majestic bldg
U. S. Metal & Mfg. Co., Majestic bldg
Wheel Truing Brake Shoe Co., 106 Miami av
Wilson Railway Gate Co., 206 Jeff av
KALAMAZOO—Kalamazoo Railway Supply Co. (Cars, Track Supplies, etc.)
THREE RIVERS—Sheffield Car Co.

MINNESOTA.

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Martin, L. R., 18 N 5th av, W
Marshall-Wells Hardware Co.
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Electrical Engineering Co., 250 Hennepin av
Janney, Semple, Hill & Co., 20 S 2d
Kalman, Paul J., Metropolitan bldg
Morison, W. K. & Co., 247 Nicollet av
Noonan, T. J., Guaranty bldg
Sanford, Chas. E., 202 Washington av
Washburn Coupler Co., Guaranty bldg
Woolman, Ellis (Locomotives & Steam Shovels Rebuilt, etc.), 405 Lumber Exch.
ST. PAUL—Carnegie Steel Co., Pioneer Press bldg
FAIRBANKS, MORSE & CO., 234 E 3d. (See adv. index, end of book)
Goodyear Rubber Co., 375 Sibley
Griffin Wheel Co., Pioneer Press bldg
Howell, F. B., Pioneer Press bldg
Illinois Steel Co., Pioneer Press bldg
Kalman, P. J., Endicott bldg
Kenyon, G. M., Endicott bldg
Larkin, J. P., Endicott bldg
McNair, H. C., Endicott bldg
Noyes Bros. & Cutler, 400 Sibley
Robinson & Carey Co., 4th c Wacouta
Wright, W. H. S., Pioneer Press bldg
WINONA—Union Fiber Co. (Refrigerator Car Lining, Locomotive Logging, Pipe Coverings, etc.)

MISSOURI.

KANSAS CITY—Black, Frank B. Co., 1209 Union av
FAIRBANKS, MORSE & CO. (See adv. index, end of book)
Mercantile Lumber & Supply Co. (Track Supplies, Brasses, Axles, Frogs, Switches, Bearings, Brake Shoes & General Supplies), Dwight bldg
ST. LOUIS—Adreon & Co., Security bldg
Allison, J. E., Laclede bldg
American Brake Co., B'way & Taylor
American Brake Shoe Co., 319 N 4th
Ameican Railway Supply Co., 1023 Washington av
American Washer & Mfg. Co., 319 N 4th
American Pneumatic Railway, Grader & Ditcher Co., 509 Olive
American Steel Bolster Co., 509 Olive
Banner Iron Works, 715 Locust
Black, Frank B., 211 N 7th
Boyce, W. D. Engineering Co., Chemical bldg
Commonwealth Steel Co. (Steel Trucks & Castings, etc.), Bank of Commerce bldg
Continental Iron & Steel Co., Union Trust bldg
Continuous Rail Joint Co., 319 N 4th
CRANE CO., 1213 Locust. (See adv. index, end of book)
Damascus Brake Beam Co., 527 N 2d
Dilworth, Porter & Co., 319 N 4th
Dressel Railway Lamp Works, 319 N 4th
Excelsior Car Roof Co., 721 Olive
FAIRBANKS, MORSE & CO., 8th c Clark av. (See adv. indcx, end of book)
Gould Coupler Co., 520 Olive
Green, R. W. Railway Supply Co.
Green & Dutro, 507 N 2d
Handlan-Buck Mfg. Co. (of Every Description), 212 N 3d
Hay, Alfred G., 421 Olive
Hirsch, Cal & Sons Iron & Rail Co., 212 Clark av
Hodgkins, Edw. W., Security bldg
Ingoldsby Automatic Car Co., 721 Olive
Interchangeable Brake Beam Co., 405 N 6th
Johann, Fred A., Equitable bldg
LESCHEN, A. & SONS ROPE CO., 920 N 1st. (See adv. index, end of book)
Linley, E. H. Supply Co., 714 N 2d
Littlefield, A. S., 421 Olive
Lorain Steel Co., 421 Olive
MANNING, MAXWELL & MOORE, 307 Frisco bldg. (See adv. index, end of book)

Miller, Joseph G., Security bldg
Miller Supply Co., 509 Chestnut
More-Jones Brass & Metal Co., 3138 B'way
National Lock Washer Co., 319 N 4th
North & South Rolling Stock Co., 721 Olive
Norvell-Shapleingh Hardware Co., 4th cor Washington av
Partridge, Arthur S., 421 Olive
Quentin, Louis P., 122 N 7th
Railway Appliances Co., 319 N 4th
Railway Steel Spring Co. (Springs, Steel Tired Wheels, etc.), Lincoln Trust bldg
Railway Supply Co., 11 N 6th
Republic Railway Appliance Co.
Rose, W. B. Supply Co., 706 Chestnut
Ross-Meehan Foundry Co., 319 N 4th
Rumsey, L. M. Mfg. Co. (Construction Tools, Supplies, etc.), 806 N Main
Safety Car Heating & Lighting Co., 705 Olive
St. Louis Car Roof Co., 706 Chestnut
Sargent Co., 319 N 4th
Simmons Hardware Co., 900 Spruce
Snow Mfg. Co., 912 N Main
Southern Malleable Iron Co., 319 N 4th
Standard Railway Equipment Co. (Pneumatic Tools, etc.), Union
Standard Steel Works, Security bldg
Streett, J. D. & Co., 809 N 2d
Taylor, James H., 510 Pine
Thompson, C. A. (Frogs, Switches, Crossings, Track Tools, Supplies), 516 N 3d
Ward Railway Supply Co., 319 N 4th
Waycott Supply Co. (Locomotives, Cars, Relaying Rails, Tools & Supplies, etc.), 527 N 2d
Western Railway Equipment Co., Missouri Trust bldg
Western Tube Co., 319 N 4th
Westrich, L. T., 509 Chestnut
Zelnicker, Walter A. Supply Co. (Rails, Switches, Tools & Supplies), 408 N 4th

NEBRASKA.

OMAHA—**FAIRBANKS, MORSE & CO.,** 1102 Farnam. (See adv. index, end of book)
Lehmer, Jos. R. (General Supplies), 1212 Farnam

NEW JERSEY.

HIGH BRIDGE—Taylor Iron & Steel Co.
HOBOKEN—New York Switch & Crossing Co. (Frogs, Switches, Castings, etc.)
MAHWAH—**AMERICAN BRAKE SHOE** & Foundry Co. (Brake Shoes, Iron & Steel Castings, etc.) (See adv. index, end of book)
NEWARK—Brooks, E. J. & Co., 5th av & N 13th
Continuous Rail Joint Co., 142 Market
Roe & Conover, 200 Market

NEW YORK.

ALBANY—Albany Hardware & Iron Co.
Consolidated Car Heating Co.
FAIRBANKS CO. (See adv. index, end of book)
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Baker, Howard H. & Co., 18 Terrace
Beals & Co. (Iron, Steel, Tool & Supplies), 44 Terrace
Benjamin Iron & Steel Co. (Scrap Iron & Steel), D. S. Morgan bldg
Boston Belting Co., 90 Pearl
Case, W. A. & Son Mfg. Co., 31 Main
Curtiss, Walter, White bldg
FAIRBANKS CO., 210 Main
General Railway Signal Co., 1738 Elmwood av
Ginsburg, R. L. & Sons, Prudential bldg
Goodyear Rubber Co., 48 Exchange
Hall & Kemp, 626 Main
Howlett, F. C. & Co., 45 Pearl
International Railway Appliance Co., Prudential bldg
N. Y. Car Wheel Works, Niagara & Forest av
Niagara Railway & Mill Supply Co.
Queen City Rubber Co., 15 Court
Reading Car Wheel Co., 834 Ellicott sq
Revere Rubber Co., 18 Ohio
Smith, T. Guilford, German Ins. bldg
Walbridge & Co., 392 Main
Weed & Co., 292 Main
Wheeler-Holden Co., 49 Erie Co. B'k bldg
Wilson, O. C. & K. R., 89 West, N. Y.
DUNKIRK—Droege, H. H.
HILLBURN—Ramapo Iron Works (Cars, Frogs, Crossings, Switches & General Track Equipment)

NEW YORK CITY.

Borough of Brooklyn

BROOKLYN—American Car Seat Co., 18 Guernsey
Columbia Machine Works & Malleable Iron Co., 167 Chestnut
Fowler & Robert Mfg. Co., 1263 Atlantic av
Kiley, Thos. W. & Co., 57 Grand
Samuel, M. & Sons, 214 Kent av

Boroughs of Manhattan & Bronx

NEW YORK—Adams & Westlake Co., 26 Cortlandt
Allison, Giles S., 57 B'way
American Automatic Switch Co., 128 B'way
AMERICAN BRAKE SHOE & Foundry Co. (Brake Shoes, Iron & Steel Castings, etc.), 170 B'way. (See adv. index, end of book)
American Car & Foundry Co., 25 Broad
American Coil Co., 15 Cortlandt
American Compound Bearing Co., 25 Broad
American Device Mfg. Co., 66 Fulton
American Equipment Co., 25 Wall
American Railway Lamp Co., 3876 Park av (Wheels & Equipments), 11 B'way
American Mason Safety Tread Co., 17 Park row
American Palace Car Co., 27 William
American Railway Service, 11 B'way
American Railway Supply Co., 24 Park pl
American Tie Plate & Rail Brace Co., 220 B'way
American Tube & Stamping Co., 258 B'way
Annin & Co., 99 Fulton
Apex Equipment Co. (Locomotives, Cars, Wheels & Equipments), 29 B'way
Atlantic Brass Co., 192 B'way
Atlas Railway Supply Co., 373 B'way
Bates, Charles R., 122 Chambers
Baxter, Geo. S. & Co., 18 Wall
Beggs, James & Coq:, 109 Liberty
Behlen, Charles F., 2 Trinity p7l
Bemis Car Truck Co., 120 Liberty
Bliss, R. Mfg. Co., 26 Cortlandt
Brodie, W. H. Co., 45 Vesey
Brooks, E. J. & Co., 51 Dey
Brown, Morris H., 96 B'way
Brown, P. Wesley, 41 Wall
Buckley, L. J. & Co. (Iron & Steel, Frogs, Switchings, Crossings, Spring, Wheels, etc.), 256 B'way
Buda Foundry & Mfg. Co., 29 B'way
Bunnell, J. H. & Co., 20 Park pl
Burnet Co., 121 Maiden la
Byrns, Robert A., 20 Broad
Carey, George H., 1 B'way
Carter-Crume Co., 26 Cortlandt
Cayuta Wheel & Foundry Co., 29 B'way
Chapman Double Ball Bearing Co., 116 Liberty
Chapman Jack Co., 11 B'way
Chicago Railway Equipment Co., 26 Cortlandt
Christensen Engincering Co., 135 B'way
Christopher-Dunning Co., 96 Centre
Cleveland City Forge & Iron Co., 11 B'way
Cleveland Frog & Crossing Co., 257 B'way
Coach, Edw. J., 11 B'way
Coburn Trolley Track Mfg. Co., 9 Murray
Collins & Co., 212 Water
Colwell, Robert, 141 B'way
Commercial Railway Equipment Co. (Locomotives, R. R. & Dump Cars, Steam els, Hoisting Engines, etc.), 42 B'way
Composite Board Co., 28 Cortlandt
Consolidated Car Fender Co., 39 Cortlandt
Consolidated Car Heating Co., 21 Park row
Consolidated Engine Stop Co., 100 B'way
Consolidated Railway Lighting & Refrigerating Co., 100 B'way
Continental Iron & Steel Co., 68 Broad
Cornell & Underhill, 45 Beach
Corning Brake Shoe Co., 170 B'way
Coughlin-Sanford Switch Co., 25 Broad
Creamer, W. G. & Co., 96 John
Cushman, Robert M., 123 Liberty
Dana & Co., 32 B'way
Davis, Henry J., 141 B'way
Davis Bros., 47 B'way
Diamond State Steel Co., 29 B'way
Dilworth, Porter & Co. (Ltd.), 127 Duane
Dobbie Foundry & Machine Co., 38 Dey
Donegan & Swift, 6 Murray
Doty Third Rail Electric Co., 79 Nassau
Dressel Railway Lamp Works, 3878 Park av
Dudley Axle Brake Co., 35 Wall
Dunham Hopper Door Service, 52 B'way
Dyott, Chas. G., 293 B'way
Eames Vacuum Brake Co., 66 B'way
Edison-Brown Plastic Rail Bond, 120 Liberty
Electric Railway Equipment Co., 15 Cortlandt
Empire International Car Coupler Co., 1133 B'way
Evans, Geo. C., 52 B'way
Eyeless Tool Co., 26 Cortlandt
FAIRBANKS CO., 186 Elm
FAIRBANKS, MORSE & CO., 133 Liberty. (See adv. index, end of book)
Falk Company, 26 Cortlandt
Featherstone Foundry & Machine Co., 170 B'way
Fitz-Hugh & Co., 141 B'way
Foote, Cleveland, 41 B'way
Foote, Emerson, 50 B'way
Fox Bros. & Co., 24 Vesey
French, S. A., 108 W 28th
Friede, M. Sergey, 71 B'way
Garton-Daniels Co., 88 Maiden lane
General Agency Co., 123 Liberty
General Railway Signal Co., Broad Exch. bldg
General Supply Co., 40 John
Glazier Head Light Co., 32 B'way
Gorham, Francis G., 136 Liberty
Gould Coupler Co., 25 W 23d
Granger, Francis, 26 Cortlandt
Haggerty, J. Henry, 50 South
Hale & Kilburn Mfg. Co., 8 E 14th
Hall Signal Co., 25 Broad
Ham Sand Box Co., 26 Cortlandt
Harrington, C. J., 15 Cortlandt
Harrington Rail Bending System, 120 Liberty
Harrison, John (Est. of), 170 South
Heil Railjoint Welding Co., 15 Cortlandt
Hemphill, Albert J., 52 John
Hipwood-Barrett Fender Co., 26 Cortlandt
Huntress, F. E., 25 Broad
Indestructible Road Bed Co., 45 B'way
International Electric Traction Co., 26 Cortlandt
International Railway Supply Co., 542 5th av
Jerome, C. C. Metallic Packing Co., 26 Cortlandt
Jesup, F. W. & Co., 39 Cortlandt
Joseph, Joseph & Bros. Co., 100 B'way
Keeler, H. E., 26 Cortlandt
Kessel, Henry A. Co. (Hardware, Tools, etc.), 56 South
Keystone Seal & Press Co., 39 Cortlandt
Kinsman Block System Co., 91 Liberty
Knapp Mfg. Co. (Brass Goods, Engineers' Supplies, etc.), 24 Frankfort
KOPPEL, ARTHUR (Industrial, etc.), 68 Broad. (See adv. index, end of book)
La Capital Co., 26 Cortlandt
Latrobe Steel Co., 11 B'way
Latrobe Steel & Coupler Co., 11 B'way
LEAVITT, C. W. & CO. (Industrial, etc.), 15 Cortlandt. (See adv. next page)
Lehgigh Car Wheel & Axle Works, 26 Cortlandt
Leonard & McCoy, 161 Washington
LESCHEN, A. & SONS ROPE CO., 163 Washington. (See adv. index, end of book)
Levis, Henry & Co., 136 Liberty
Lewis, Samuel, 126 Pearl
Lindstrom Brake Co., 100 B'way
Locomotive Fuel Saving Co., 309 B'way
Loder Railroad Protective System, 271 B'way
Loomis, H. N., 36 Wall
Ludlow, J. A., 51 Leonard
McCord & Co., 24 Broad
McCoy, Henry J., 65 Dey
McCoy, Joseph F. Co., 157 Chambers
McGuire Mfg. Co., 15 Cortlandt
Macartney, McElroy & Co., 26 Cortlandt
Magnus Metal Co., 170 B'way
Males Co., 256 B'way
Manhattan Supply Co., 127 Franklin
MANNING, MAXWELL & MOORE, 85, 87 & 89 Liberty. (See adv index, end ofbook)
Maryland Car Wheel Works, 39 Cortlandt

Mayer & Englund Co., 149 B'way
Meeker, Stephen J., 39 Cortlandt
Metal Plated Car & Lumber Co., 170 B'way
Midvale Steel Co. (Steel Forgings & Castings, Axles, Tires, Frogs, Switches, etc.), 100 B'way
Miles, Robert M., 25 Broad
Miller Signal Co., 7 E 42d
Miller & McLean, 120 Liberty
Moffett Railway Bearing Co., 290 B'way
Motley, Green & Co. (Track, etc.), 68 Broad
Moxham-Westcott Co., 80 William
National Air Brake Co., 231 B'way
Nathan Mfg. Co., 92 Liberty
National Car Coupler Co. (Buffers, Couplers, Draft Gear, Steel Platform & Centralizing Yokes), 150 B'way
National Railway Supply Co., 153 Chambers
Neal Electric Headlight Co., 25 Broad
New Century Car Heater Co., 15 Cortlandt
N. Y. Air Brake Co., 66 B'way
N. Y. Electric Headlight & Train Lighting Co., 52 B'way
N. Y. Equipment Co. (Second-hand cars, Locomotives, etc.), 18 B'way
N. Y. Railway Supply Co., 116 Liberty
N. Y. Supply Co., 53 Vesey
Ohio Brass Co., 136 Liberty
Peckham Mfg. Co., 26 Cortlandt
Penna. Steel Co., 71 B'way
Perkins Electric Switch Mfg. Co., 39 Cortlandt
Pintsch Compressing Co., 160 B'way
Pittsburg Gauge & Supply Co., 136 Liberty
Pollock, Alex Co., 203 West
Porter's, Wm. Sons Co., 271 Pearl
Pressed Steel Car Co., 71 B'way
Price Momentum Brake Co., 26 Cortlandt
Prosser, Thos. & Son (Steel, Steel Tires & Tired Wheels, etc.), 15 Gold
Protective Third Rail Electric Block & Signal Co., 116 Liberty
Railroad Equipment Co., 45 Wall
Railway Appliances Co., 114 Liberty
Railway Signal Co., 20 Nassau
Railroad Supply Co., 143 Liberty
Railway Supply & Equipment Co. (All Kinds), 71 B'way
Railroad Supply & Mfg. Co., 80 B'way
Railway Steel Spring Co. (Springs, Steel Tired Wheels, etc.), 71 B'way
Railway Triplex Ticket Co., 100 B'way
Ramapo Iron Works (Cars, Frogs, Crossings, Switches & General Track Equipments), 170 B'way
Roberts, Geo. I & Bros. (Inc.), 471 4th av
Rogers, Henry A., 19 John
Root Track Scraper Co., 15 Cortlandt
Rotary Snow Plow Co., 26 Cortlandt
Ryan-McDonald Mfg. Co., 11 B'way
Safety Car Heating & Lighting Co., 160 B'way
Safety Train Order Signal Co., 66 B'way
St. Lawrence & Adirondack Equipment Co., 51 E 44th
St. Louis Car Co., 29 B'way
Saportas, Arnold C., 50 Pine
Saunderson & Wright, 505 Broome
Simplex Railway Appliance Co. (Car Bolsters, Roller Side Bearings, etc.), 141 B'way
Slingsby, H. C., 253 B'way
Smillie Coupler & Mfg. Co., 39 Cortlandt
Smith, Willis J., 120 Liberty
Spiral Journal Bearing Co., 25 Broad
Spiral Nut Lock Co., 102 Chambers
Standard Coupler Co., 160 B'way
Standard Pole & Tie Co., 135 Front
Standard Railway Equipment Co., 120 Liberty
Standard Steel Car Co., Steel Cars & Trucks, Steel Underframes, Bolsters, Brake Beams, etc.), 170 B'way
Standard Underground Cable Co., 56 Liberty
Steel Rail Supply Co., 100 B'way
Steel Tired Wheel Co., 71 B'way
Sterling Electrical Mfg. Co., 26 Cortlandt
Strock, Schuyler C., 11 B'way
Strong Machinery & Supply Co. (Packings, Waste, Emery Wheels, etc.), 2 Murray
Stuart-Howland Co., 26 Cortlandt
Thomas, Theodore, 11 B'way
Thompson, Son & Co., 114 Liberty
Toppan, J. S. & Co., 26 Cortlandt
Trackman's Tie Plate Co., 67 Wall
Trojan Car Coupler Co., 500 5th av
Turner, Thos., 21 Cortlandt
UNION SWITCH & SIGNAL CO., The, 143 Liberty
U. S. Metal & Mfg. Co. (Steel Trucks, Car Doors, Draft Rigging, etc.), 25 Broad
Universal Car Bearing Co. (of W. Va.), 11 B'way
Universal Safety Tread Co., 45 B'way
Urquhart's, John S. Son & Co., 46 Cortlandt
Vanderbilt & Hopkins (Ties, Lumber, etc.), 126 Liberty
Vandyck, J. R. Co., 8 Dey
Van Vechten, Arthur Co. (Inc.), 44 Dey
Wallaoce Supply Co., 15 Cortlandt
Walton Signal Co., 157 B'way
Wampler, Wm., 26 Cortlandt
Watson, Benj., 66 Beaver
Weber Railway Joint Mfg. Co., 71 B'way
Webster, Camp & Lane Machine Co., 25 Broad
Welch, H. A. & Co., 458 Hudson
Wendell & MacDuffie, 26 Cortlandt
Westinghouse Traction Brake Co., 26 Cortlandt
White Mfg. Co., 556 W 34th
Wilson, O. C. & K. R., 70 West
WONHAM-MAGOR ENGINEERING Works (Industrial, etc.), 29 B'way. (See adv. index, end of book)

(END OF NEW YORK CITY.)

NIAGARA FALLS—Rampo Iron Works (Cars, Frogs, Crossings, Switches & General Track Equipments)
TROY—Continuous Rail Joint Co. of America, Burden av & Batavia
Hammett achine Works, 476 8th
Taylor Electric Truck Co., 514 Fulton
Trojan Car Coupler Co., Centre c Gannon, G. I.

NORTH CAROLINA.

STATESVILE—Steele, J. C. & Sons

OHIO.

CINCINNATI—American Valve & Meter Co.
Bell, Thos. J., 242 E 5th
Carnegie Steel Co., Union Trust bldg
Cincinnati Ry. Supply Co., 123 E 2d
FAIRBANKS, MORSE & CO., 307 Walnut. (See adv. index, end of book)
Hirsch, Cal & Sons Iron & Rail Co., Union Trust bldg
Johnston, Wm. T. (Tools & Supplies), 522 Main
Joseph, Isaac Iron Co., 525 Reading rd
Kinsey, E. A. Co. (Machine Shop Machinery, Tools & Supplies), 331 W 4th
Kisinger-Ison Co., 466 Pionerr
Laidlaw-Dunn-Gordon Co., 211 W 4th
McGowan, John H. Co., 54 Central av
Males Co. (Locomotives, Cars, Rails, Steam Shovels, etc.), Traction bldg
Pickering Hardware Co., 5th & Main
Post-Glover Electric Co., 314 W 4th
Powell, Wm. Co., 2525 Spring Grove av
Queen City Supply Co. (Everything Excepting Rolling Stock), 201 W Pearl
Railroad Supply Co., Carew bldg
Railway Supply & Mfg. Co., 1242 Harrison av
Vogeler, Alfred Drug Co., 217 E 6th
Weir Frog Co., S W c Front & Smith
CLEVELAND—Atlas Bolt & Screw Co., Marquette & Hamilton
Bingham, W. Co. (Also Mining, etc.), 142 Water
Cleveland Frog & Crossing Co., Bessemer av & Erie R. R.
Cleveland Ry. Supply Co., Hickox bldg
FAIRBANKS, MORSE & CO., 99 Water. (See adv. index, end of book)
Fulton Foundry Co., Marquette st at L. S. & M. S. Ry.
Gates, F. C. & Co., Cuyahoga bldg
Graham Draft Co., Wason, S W c Hamilton
Hastings, G. S. & Co., Electric bldg
Hathaway, A. G. & Co., Cuyahoga blk
Ingraham, Timothy, 7 S Water
Ludlow Supply Co., Electric bldg
Maher Wheel & Foundry Co., 20 Carter
MANNING, MAXWELL & MOORE, Williamson bldg. (See adv. index, end of book)
McIntosh Hardware Corporation, 116 Superior
Nichols-Lintern Co., Electric bldg
Pattison, W. M. Machinery Co. (Tools, etc.), 263 St. Clair
Schroeder, A. F. (Headlight), 970 Hamilton
STRONG, CARLISLE & HAMMOND Co. (Machinery, Tools & Supplies), 63 Frankfort. (See adv. index, end of book)
Talmage Mfg. Co., 270 St. Clair
Tucker, C. H. Mfg. Co., 282 St. Clair
Van Dorn & Dutton Co., 1976 E Madison av
Worthington, Geo. Co., 99 St. Clair
COLUMBUS—Columbus Mill & Mine Supply Co., 121 High
DAYTON—Barney & Smith Car Co.
Dayton Mfg. Co.
Dayton Supply Co. (Also Mine)
Martin, S. B., 55 S Mound
Patterson Tool & Supply Co. (Machine Tools & Supplies)
LORAIN—Lorain Steel Co. (Special Iron & Steel Castings & Forgings, Frogs, Crossings, & Switches, etc.)
TOLEDO—National Supply Co.
YOUNGSTOWN—Morris Hardware Co.

OREGON.

PORTLAND—**FAIRBANKS, MORSE & Co.,** 95 1st. (See adv. index, end of book)
Howe Scale Co., 85 1st

PENNSYLVANIA.

ALLENTOWN—Allentown Rolling Mills
BUTLER—Standard Steel Car Co. (Steel Cars & Trucks, Steel Underframes, Bolsters Brake Beams, etc.)
CHESTER—Chester Steel Castings Co.
Johnson, R. R. Frog & Switch Co
ERIE—Sterlingworth Railway Supply Co.
FRANKLIN—Franklin Railway Supply Co.
HARRISBURG—Gilbert, Henry & Son
HAZLETON—Hazleton Machinery & Supply Co.
Woodring, Jeremiah & Co.
JOHNSTOWN—Lorain Steel Co. (Special Iron & Steel Castings & Forgings, Frogs, Crossings & Switches, etc.)
LEBANON—Boyd, Oliver C.
Krause, Geo. Hardware Co.
PHILADELPHIA—Adams & Westlake Co., 2042 N 10th
American Locomotive Sander Co., 427 N 13th
American Supply Co., Betz bldg
Bell & Co. (Railway, Mine & Contractors' Supplies), Betz bldg
Bickerton, B. T., 12 N 5th
Blakeley, Jno. & Son, 1085 Gtn. av
Brill, J. G. Co., 62d & Woodland av
Bonzano Rail Joint Co., 22 S 15th
Brady, Jno. I. & Co., Phila. Bourse
Brown, Edw., 311 Walnut
Bush Intelocking Bolt Co., Bullitt bldg

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For Mines, Plantations, Quarries and General Contracting Work.
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Conard, Thos. P. (Railway Equipment, Machinery, etc.), 119 S 4th
Cox, Justus, Jr., & Co. (Second Hand Locomotives, Cars, Rails, Spikes, etc.), Land Title bldg
Dallett & Co. Rolling & Equipment), 201 Walnut pl
Davis & Bryan (Steel Castings, Car Couplers, Iron, Steel, etc.), Arcade bldg
De Ronde, F. S. Co., 221 N 4th
Diamond State Steel Co., R. E. Trust bldg
Donaldson & Newton (Relaying & Scrap Rails, Rail Fittings, etc.), 421 Chestnut
Dry Ore Concentrator Co., Provident bldg
Electric Railway Equipment Co., S 31st, bel Chestnut
Etting, Edw. J. (Cranes, Hoists, Car Wheels, etc.), Harrison bldg

FAIRBANKS CO., 701 Arch

Fields, Chas. J. Sons (Tools, etc.), 133 Market
Gem Mfg. Co., 14 S 4th
Halyburton, Chas., 217 Walnut
Howard Supply Co., Witherspoon bldg
Janney, Steinmetz Co. (Iron, Steel & Aluminum), Drexel bldg
Jeffries, Chas. T., 413 Locust
Justice, Philip S. & Co., 14 N 5th
Kessel, Hy. A. Co. (Hardware, Tools, etc.), 12 N Del. av
Keystone Lantern Co. (Lanterns), Real Est. Trust bldg
Keystone Lubricating Co., Allegheny av & N 20th
Keystone Supply Co., Bullitt bldg
Kirby Car Door Co., Betz bldg
Kirby & Hawkins, 26 S 15th
Latrobe Steel & Coupler Co., Girard bldg
Latta, Jno. S. & Co., 1215 Arch
Law, Ernest & Co. (Rails, Cars, Locomotixes, Track Equipments, etc.), 1502 Market
Levis, Henry & Co. (Iron & Steel Rails, Car Wheels & Railroad Equipments), 26 S 15th
Lindsay, Jas. G. & Co. (Rails, Fish Plates, Spikes, Iron & Steel in Bar, Plate Sheet Shapes, Pipe, Tubes, etc.), Arcade bldg
Lobdell Car Wheel Co., Betz bldg
McFadden, Jno. W., 4 0N 4th

MANNING, MAXWELL & MOORE, 728 Arch. (See adv. index, end of book)

Marsden, M. W. & Son Co., 4368 Main
Massy Railway Supply Co., 583 Bourse
Mayer & England Co., 1026 Filbert
Melly & Co., Betz bldg
Mellor, L. Bancroft, 14 S 4th
Middleton, A. H., 421 N 2d
Middleton, Howard W Co. (Iron, Steel, etc.), 945 Ridge av
Midvale Steel Co. (Steel Forgings & Castings, Axles, Tires, Frogs, Switches, etc.), Nicetown
Noblit Supply Co., 20 S 2d
Oval Brake Beam Co., S 32d c Chestnut
Penna. Steel Co., Girard bldg
Perfection Car Coupler Co., 420 Walnut
Phila. Air Brake & Machine Co., 2321 Vine
Phila. Car Wheel Co., Penn sq bldg
Preston, Albert, Real Estate Trust bldg
Protected Rail Bond Co., 1024 Filbert
Rice-Beittenmiller Switch Co., 1152 Gtn. av
Ruffner, D. B. & Son, Creson c Bowman, Fals
Shannon, J. Jacob & Co. (Locomotives, Cars, Steam Shovels, Contractors' Tools, etc.), 1744 Market
Smith, Jas. & Co. (Inc.), 411 Race
Spencer, Robt., Stephen Girard bldg
Sterlingworth Railway Supply Co., North American bldg
Union Electric Construction Co., Phila. Bourse
Union Railway Supply Co., Real Est. Trust bldg
Upper Lehigh Supply Co., Girard bldg
Watson, Jno. B., Drexel bldg
Watts, Jno. M. Sons, 123 S 2d
Wharton, Wm., Jr., & Co. (Inc.) (Track, & Electric Specialties), 25th & Wash'n av
Wheeler, Mifflin & Co. (New & Old Rails, Iron & Steel, etc.), Arcade bldg
Williamson & Cassidy, 526 Market
Wilson, E. H. & Co. Coaches, Locomotives, Rails, etc.), Arcade bldg
Yale, J. L. & Co., Stephen Girard bldg

PITTSBURG—Baird Machinery Co. (Machine Tools & Supplies), 123 Water
Carnegie Steel Co., Carnegie bldg
Dilworth, Porter & Co., German National Bank bldg
Duquesne Steel Foundry Co. (Steel Castings, Brake Shoes, etc.), Arrott bldg, Pittsburg, Pa.
Flocker, John & Co. (Ltd.), 618 Liberty av
Frick & Lindsay Co., 109 Wood
General Railway Supply Co., Park bldg
Hyde Bros. & Co. (Iron, Steel, Metal, etc.), Empire bldg
Holland Co., 331 4th av
Jones & Laughlin Steel Co., 3d av & Try
Joseph, Jos. & Bros. Co. (Iron), Park bldg
Logan-Gregg Hardware Co., 125 7th
Low, Edgar S. Co. (Steam Shovels, Locomotives, Cars, etc.), Empire bldg
McConway & Torley Co. (Car Couplers, Vestibules, Steel & Malleable Iront Castings, etc.), 123 48th
McIlwain, J. D. & Co., 203 3d av

MANNING, MAXWELL & MOORE, Park bldg. (See adv. index, end of book)

Maxwell, Edw. L., Arrott bldg
Moore, Edgar & Co. (New & Relaying Rails, etc.), Farmers' Bank bldg
Patton, J. R. & Co. (Locomotives, Cars, Rails, etc.), House bldg
Pennsylvania Railway Supply Co., Imperial Power bldg
Pittsburg Brake Shoe Co. (Brake Shoes), Farmers' Bank bldg
Pittsburg Gauge & Supply Co., 309 1st av
Pittsburg Railway Supply Co. (Anti-Friction Journals & Railway Supplies), Park bldg
Pittsburg Supply Co., 226 1st av
Railway Supply & Mfg. Co., Park bldg
Robinson & Orr, 419 Wood
Safety Rail Fastener Co. (Rail Fasteners)
Snyder, W. P. & Co., Frick bldg
Somers, Fitler & Todd Co., 327 Water
Standard Railway Equipment Co., Park bldg
Standard Steel Car Co. (Steel Cars & Trucks, Steel Underframes, Bolsters, Brake Beams, etc.), Frick bldg
Verona Tool Works, Murtland bldg

WESTINGHOUSE AIR BRAKE Co., The (Air Brakes, Draft Gears, etc.)

SCRANTON—Derry, A. L. & Co.
Scranton Mercantile Co. (Also Mine)
Scranton Supply & Machinery Co., 131 Wyoming av
SWISSVILLE—**UNION SWITCH & SIG**nal Co., The
WILKESBARRE—Penna. Supply Co.
Vulcan Iron Works
WILLIAMSPORT—Darling Pump & Mfg. Co. (Ltd.)

SOUTH CAROLINA.

CHARLESTON—Cameron & Barkley Co.

TENNESSEE

BRISTOL—Mitchell-Powers Hardware Co.
CHATTANOOGA—James & Co. (Inc.)
Lees Bros., 292 Front
MEMPHIS—Fritts, Tom Hardware Co., 715 Market
Livermore Foundry & Machine Co., 160 Adams
Manogue-Pidgeon Iron Co., 226 2d
NASHVILLE—Fall, J. H. & Co.
Gray & Dudley Hardware Co.

TEXAS.

FT. WORTH—Wares, Dudley & Co. (Steel Rails & Equipment)
HOUSTON—Bernig-Cortes Hardware Co.
Heitmann, F. W. & Co.
Meyer, Jos. F. & Co.
Smith, Howard Co.

VIRGINIA.

NORFOLK—Bowen & Street Equipment Co., 307 Atlantic
Lumley, Dodson Co.
Mayer & Co., 74 Commercial pl
Rennolds, J. A. & Bro., 49 Commercial pl
Southern Supply Co., 271 Water
Taylor, W. H. & Co., 224 Water
Walke, Henry Co., 286 Water
White, E. V. & Co., 41 Commercial pl
White Hardware Co., 309 Main
RICHMOND—Bargamin, G. & A Co., 14 S 9th
Davis & Bryan, 4 N 10th
Frischkorn, Hunter B., 812 E Cary
Galena Signal Oil Co., Cham. of Com. bldg
Grant, W. E.
Grundy & Leahey, Cham. of Com. bldg
McGraw, Jas. (Tools & Supplies), 1440 E Main
Smith-Courtney Co., 1418 E Cary
Southern Railway Supply Co., 1323 E Main

WASHINGTON.

SEATTLE—Eccles & Smith, New York blk
Hoflus, W. D. & Co. (Iron, Steel, Spikes, Bolts, Locomotives, Passenger, Freight & Ore Cars, Steel Rails, Cast Iron Pipe, etc.), Dexter Horton Bank bldg
Railway & Steel Supply Co., Star-Boyd bldg
Zelnicker, Walter A. Supply Co., 316 Occidental av
TACOMA—Gardner, W. & Co.
Washington Hardware Co.

WEST VIRGINIA.

HUNTINGTON—Miller Supply Co.

WISCONSIN.

MARINETTE—Prescott Supply Co.
MILWAUKEE — Falk Company, Menominee Valley, ft 30th
Union Fibre Co. (Refrigerator Car Lining, Locomotive Lagging Pipe Coverings, etc.), 143 Reed

Railroad Ties

(See Ties, Poles & Posts.)

Railroad Ties (Steel)

(See Ties, Steel Railroad.)

Railroad Velocipedes

(See Cars Velocipede)

Railroad Water Station Builders

(See Water Columns or Stations, Railroad.)

Rails (Barn Door)

Brewer Bros. (Wrought), 614 Filbert, Phila., Pa.
Lawrence Bros., Sterling, Ill.
Prouty, T. C. Co. (Ltd.), Albion, Mich.

STOWELL MFG. & FOUNDRY CO. (Parlor Door & Hay Carrier), South Milwaukee, Wis. (See adv. index, end of book)

Rails (Door)

BENEDICT & BURNHAM MFG. CO., Waterbury, Conn.; 253 B'way, N. Y.; 172 High, Boston, Mass., & 167 Lake, Chicago. (See adv. index, end of book)

Bridgeport Brass Co., Bridgeport, Conn., & 19 Murray, New York
Holmes, Booth & Haydens Co., Waterbury, Conn., & 37 Park pl., N. Y.
Kupferle, Jno. C. (Barn & Door, Sliding Door, etc.), St. Louis, Mo.
Peck, Stow & Wilcox Co., Southington, Conn., Cleveland, O., & 27 Murray, N. Y.
Peters, Jas. & Son (Wrought Iron), 1934 N Front, Phila., Pa.
Plume & Atwood Mfg. Co., Waterbury, Conn., & 29 Murray, N. Y.
Reading Hardware Co., Reading Pa.; 96 Reade, N. Y.; Phila., Pa., & Chicago, Ill.
Rome Brass & Copper Co., Rome, N. Y.
Russell & Erwin Mfg. Co., New Britain, Conn., & 43 Chambers, N. Y.
Scovill Mfg. Co., Waterbury, Conn.

STANLEY WORKS (Wrought Steel), New Britain, Conn., & 79 Chambers, New York. (See adv. index, end of book)
STOWELL MFG. & FOUNDRY CO. (Steel), S Milwaukee, Wis. (See adv. index, end of book)
Waterbury Brass Co., Waterbury, Conn, & 122 Centre, New York
Wharton, Wm., Jr., & Co. (Inc.), 25th & Wash'n av, Phila., Pa.
Wilcox Mfg. Co., Aurora, Ill.

Rails (Girder & High Tee)

Cambria Steel Co., Arcade bldg, Phila., Pa; 71 B'way, New York, & 138 Jackson boul, Chicago, Ill. Works, Johnstown, Pa.
Lorain Steel Co., Penna bldg, Phila., Pa., & Johnstown. Pa.
Penna Steel Co., Girard bldg, Phila., Pa.; 71 B'way, New York., & 70 Kilby, Boston, Mass. Works, Steelton, Pa.

Rails (Hand and Foot)

Detroit Shipbuilding Co. (Brass Dept.), Detroit, Mich.
Western Brass Mfg. Works (Inc.) (Brass & Bronze), 63 S Canal, Chicago, Ill.

Rails (Light)

Atlanta Steel Hoop Co. (Steel 16 to 40 lbs.), Atlanta, Ga.
Baumgarten, A. F. & Bro., Farmers' Bank bldg, Pittsburg, Pa.
Barrington, A. F. & Bro., Farmers' Bank bldg, Pittsburg, Pa.
Bethlehem Steel Co., South Bethlehem, Pa., & 100 B'way, New York
Buffalo Steel Co. (Bessemer Steel 12 to 30, inclusive), Tonawanda, Pa.
Cambridge Rolling Mill Co., Cambridge, O.
Carnegie Steel Co., Carnegie bldg, Pittsburg, Pa.; 1502 Market, Phila, Pa.; The Rookery, Chicago, Ill., & 71 B'way, New York
Clearfield Steel & Iron Co., Clearfield, Pa., & Ger. Natl Bank bldg., Pittsburg, Pa.
Colorado Fuel & Iron Co., Denver, Col., & 71 B'way, N. Y.
Fairmount Steel Co. (Up to 50 lbs.), Fairmount, W. Va.
Hollidaysburg Iron & Nail Co., Hollidaysburg, Pa.
Illinois Steel Co., The Rookery, Chicago, & 71 B'way, New York
Independent Rolling Mill Co., Cuyahoga Falls, Ohio
Jones & Laughlins Steel Co. (up to 40 lbs.), Pittsburg, Pa.
Knoxville Iron Co., Knoxville, Tenn.
KOPPEL, ARTHUR, 66 Broad, N. Y. (See adv. index, end of book)
Lackawanna Steel Co., Buffalo, N. Y.
Maryland Rail Co. (Steel, 12 to 35 lbs.), Cumberland, Md.
Newkirk, John B. & Co. (Dealer), 1502 Market, Phila.. Pa.
Penna. Steel Co., Steelton, Pa.; Girard bldg., Phila., Pa.; 70 Kilby, Boston, Mass., & 71 B'way, N. Y.
Reading Iron Co., Reading, Pa.
Republic Iron & Steel Co., General Offices, First National Bank bldg, Chicago. District Sales Offices, Buffalo; Cleveland, O.; Birmingham, Ala.; Manhattan Life bldg, New York; St. Louis; St. Paul, Minn.; Pittsburg, Pa., & Cincinnati, O.
Schoenthal Iron & Steel Co. (Steel, 16 to 40 lbs. per yard), Columbus, O., & Cumberland, Md.
Standard Chain Co. (12 to 14 lbs.), 301 Ross, Pittsburg, Pa.
Tennessee Coal, Iron & Railroad Co. (Up to 100 lbs.), Birmingham, Ala.
Union Rail Co., Huntington, W. Va.

Rails (Relaying)

(See Railroad Equipments, Second-hand)

Rails (Sliding Door)

Brewer Bros. (Wrought), 614 Filbert, Phila.,
Cronk & Carrier Mfg. Co.. Elmira, N. Y Pa.
Penn Hardware Co., Reading, Pa.

Rails (Steel)

Apex Equipment Co. (Mfrs'. Agents), 11 B'way, New York
Cambria Steel Co. (8 to 100 pounds per yard), Johnstown, Pa.; 71 B'way, N. Y.; Arcade bldg. Phila., Pa.; 209 Jackson boul, Chicago, & 1514 Chemical bldg, St. Louis, Mo.
Carnegie Steel Co., Carnegie bldg, Pittsburg, Pa.; Penna, bldg, Phila., Pa.; The Rookery, Chicago, Ill., & 71 B'way, New York
Colorado Fuel & Iron Co., Denver, Col., & 71 B'way, N. Y.
DAVIES, FRANK, Hennen bldg, New Orleans, La. (See adv. opp. next page)
Illinois Steel Co., Rookery bldg, Chicago, Ill.
Jones & Laughlins Steel Co., Pittsburg, Pa.
KOPPEL, ARTHUR, 68 Broad, N. Y. (See adv. opp. this page)
Lackawanna Steel Co., Buffalo, N. Y.
LEAVITT, C. W. & CO., 15 Cortlandt, New York. (See adv. index, end of book)
Maryland Steel Co., Sparrows Point, Baltimore, Md., & Girard bldg, Phila., Pa.
National Steel Co., Carnegie bldg, Pittsburg, Pa.
Penna. Steel Co., Steelton, Pa.; Girard bldg, Phila., Pa.; 71 B'way, N. Y., & 70 Kilby. Boston
Reading Iron Co., Reading, Pa.
Republic Iron & Steel Co., general offices, Stock Exchange bldg, Chicago. District sales offices. Buffalo; Cleveland, O.; Birmingham, Ala.; Manhattan Life bldg, N. Y.; St. Louis; St. Paul, Minn.; Pittsburg, Pa.

Rails (Tram)

(See Rails, Light.)

Rails & Hangers (Suspended)

(See Trolleys & Trolley Tracks, Overhead.)

Railway Builders (Marine)

(See Marine Railway Builders.)

Railway Palace Car Spring Hinges

BOMMER SPRING HINGES

257 to 271 Classon av, Brooklyn, New York. (See adv. index, page 1200)

Railway Supplies (Electric)

(See also Trolley Line Materials.)
Also Electrical Supplies.

Allison, Giles S. (Cars, Motors & Equipments), 45 B'way, New York
American Union Electric Co., 15 Cortlandt, New York
Anderson, Albert & J. M. Mfg. Co., 287 A, Boston, Mass.
Atkinson, J. M. Co., 2427 Calumet av, Chicago
Bailey. F. B. & Co., Betz bldg, Phila., Pa.
Barbour-Stockwell Co., Cambridgeport, Mass.
Brookes-Follis Elec. Corp., San Francisco, Cal.
Brown, Harold P. (Edison-Brown Plastic Rail Bond), 120 Liberty, N. Y.
Brown & McLain, 143 Federal, Boston
Burnet Co., 121 Maiden la, N. Y.
Cameron, H. P. Electric Mfg. Co., Ansonia, Conn.
Central Electric Co., 266 5th av, Chicago
Central Union Brass Co., 11th & Mullanphy, St. Louis, Mo.
Columbia Machine Works & Malleable Iron Co., 167 Chestnut, Brooklyn, N. Y.
Columbus Mill & Mine Supply Co., Columbus, O.
Commercial Electrical Supply Co., 1007 Market, St. Louis, Mo.
Creaghead Engineering Co., 313 Walnut, Cincinnati, O.
Dallett & Co. (Cars, Motors, Equipments), 201 Walnut pl, Phila., Pa.
Electric Applicance Co., 92 W Van Buren, Chicago
Electric Railway Equipment Co., 431 E Front, Cincinnati, O.
Electric Railway Equipment Co. (Motors & Equipments, etc.), 31st below Chestnut, Phila., Pa.
Electric Railway & Mfg. Supply Co., 68 1st, San Francisco, Cal.
Electrical Engineering Co., 248 Hennepin av., Minneapolis, Minn.
Electrical Material Co., 221 N Calvert, Baltimore, Md.
Fitts, F. E. Mfg. & Supply Co., 88 Purchase, Boston, Mass.
Fox Bros. & Co., 24 Vesey, New York
Fuller & Rifenberick (Mfrs Agts.), Williamson bldg, Cleveland, O.
Garton, W. R. Co., 118 W Jackson boul, Chicago
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, New York. (See adv. index, end of book)
General Railway Supply Co., Park bldg, Pittsburg, Pa.
Handlan-Buck Mfg. Co., 210 N 3d, St. Louis, Mo
Harrington, C. J., 15 Cortlandt, New York
Hirsch, Cal & Sons Iron & Rail Co., 212 Clark av, St. Louis, Mo., & Union Trust bldg., Cincinnati, O.
Hoyt, Frank, Muskegon, Mich.
Johns, H. W. Manville Co., 100 William, New York; 171 Randolph, Chicago, Ill.; 77 Pearl, Boston, Mass.; 23 N 2d, Phila., Pa.; 217 Clybourn av, Milwaukee, Wis.; 14 S Water, Cleveland, O.; 220 1st av, Pittsburg, Pa.; 217 Magazine, New Orleans, La.; 916 N. B'way, St. Louis, Mo.; Billister bldgs., London, Eng.
Kinsman Electric & Railway Supply Co., 91 Liberty, N. Y.
Kisinger Iron Co., 466 Pioneer, Cincinnati, O.
Louisville Car Wheel & Railway Supply Co., 308 5th, Louisville, Ky.
McOuat, Robt. L., 125 S. Meridan, Indianapolis, Ind.
Mayer & Englund Co., 1024 Filbert, Phila., Pa.
Morris Electric Co., 15 Cortlandt, New York
NUTTALL, R. D. CO., Fayette & Garrison pl, Pittsburg, Pa.
Ohio Brass Co., Mansfield, O.
Pacific Coast Mfg. Co., Los Angeles, Cal.
Penna Electrical & Railway Supply Co., Phipps Power bldg, Pittsburg, Pa.
Pettingell, Andrew Co., Pearl & Atlantic av, Boston, Mass.
Porter & Berg, 309 Dearborn, Chicago, Ill.
Post-Glover Elec. Co., 314 W 4th, Cincinnati, O.
Railway Equipment & Supply Co., Kansas City, Mo.
Railway Electric Equipment Co. (Cars, Motors & Equipments), Ellicott sq, Buffalo, N. Y.
Railway & Electric Supply Co., 115 B'way, N. Y.
Reconstructed Granite Co. (Third Rail Insulators), 14 Dey, New York. Works, Norristown. Pa.
Ridlon, Frank Co. (Of Every Description), 200 Summer, Boston
Roberts, H. C. Electric Supply Co., 905 Arch, Philadelphia, Pa.
Schoonmaker, A. G. Co. (Machinery & Equipments), 126 Liberty, N. Y.
Sherburne & Co., 53 Oliver, Boston, Mass.
Somers, Fitler & Todd Co., 327 Water, Pittsburg, Pa.
Southern Electric Co., 203 E. Fayette, Baltimore, Md.
Stuart-Howland Co., 5 Winthrop Sq, Boston, Mass.
Van Dorn & Dutton Co., Cleveland, O.
Wendell & MacDuffie, 26 Cortlandt, New York
Western Electrical Supply Co., 7th & Clark av, St. Louis, Mo.

Railway Transfer Tables

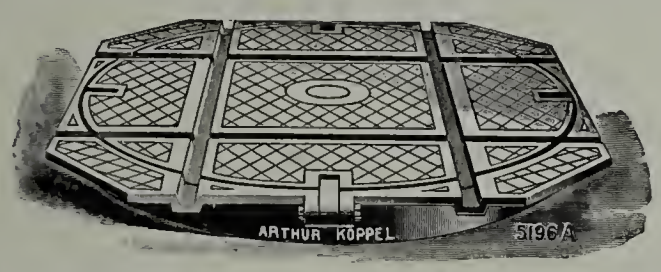
(See Turn & Transfer Tables.)

Railways (Industrial & Portable)

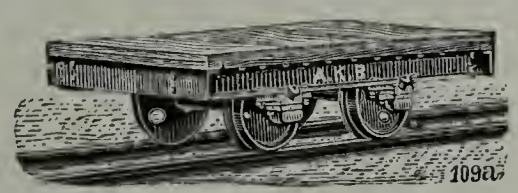
Apex Equipment Co. (Mfrs. Agts.), 11 B'way, New York
Atlas Bolt & Screw Co., Cleveland, O.
BUDA FOUNDRY & MFG. CO., Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
DAVIES, FRANK, Hennen bldg, New Orleans, La. (See adv. opp. next page)



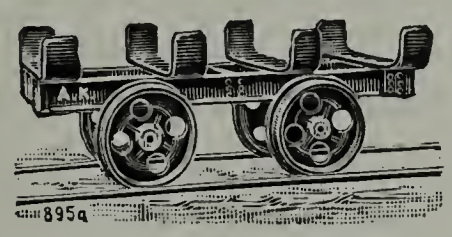
Complete Turnout No. 25, consisting of one right and one left hand switch and the intermediate track.



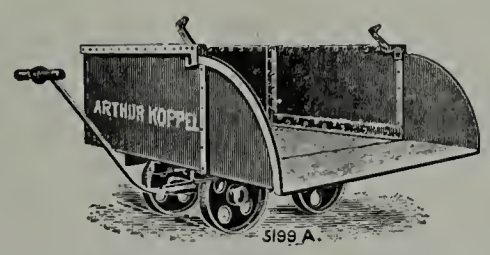
Turntables of various styles and sizes.



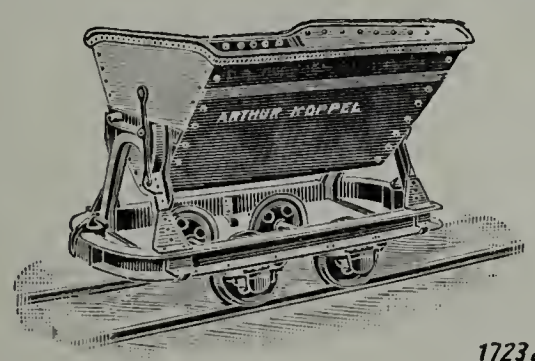
Platform Car No. 109, for factories, general freight, etc.



Billet Car. No. 895.



Charging Car No. 5199, for Boiler Rooms for use on floor without track.



1723a

Standard Steel Side Dump Car for general use, especially suitable for Contractors' use. No. 1723.

One of the main problems in Industrial enterprises such as shipping, milling, mining, building, contracting, lumbering, agriculture, etc., is the question of hauling materials from beginning to end, whether it be the raw material, the material while in course of manufacture, the finished product, or material for auxiliary purposes, as for instance, coal, cinders, ashes, or waste such as scrap, shavings, etc. This question is of the greatest importance upon which very often depends the life and success of the enterprise itself.

The way to handle the material quickly, economically, safely and systematically is by means of

Small Railways of Narrow Gauge

We supply everything required in connection with railroads, whether it be the very lightest or the heaviest rail.

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We have Locomotives for Steam, Electric or Compressed Air.

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We keep a large stock of all standard material ready for prompt shipment.

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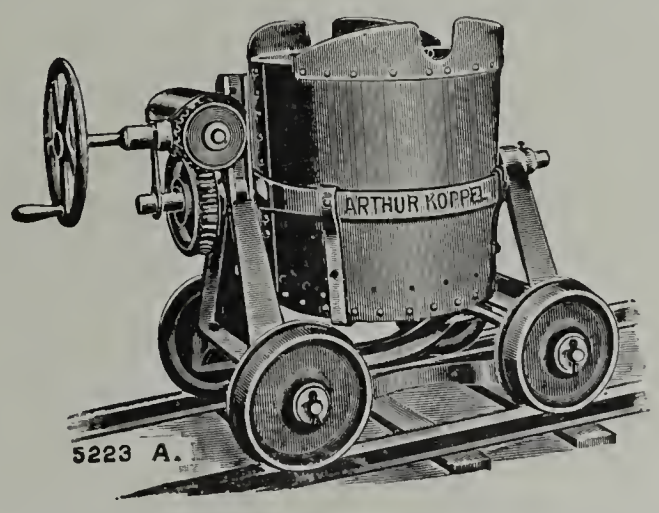
ARTHUR KOPPEL,

MANUFACTURER OF

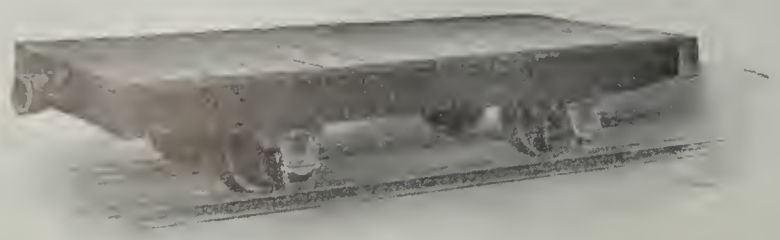
Industrial, Narrow and Standard Gauge Railway Materials,

Dept. 12, 66-68 Broad Street, NEW YORK, U. S. A.

Branch Office, 409 Monadnock Block, CHICAGO



Buggy Ladle Car, Geared. No. 5223a.

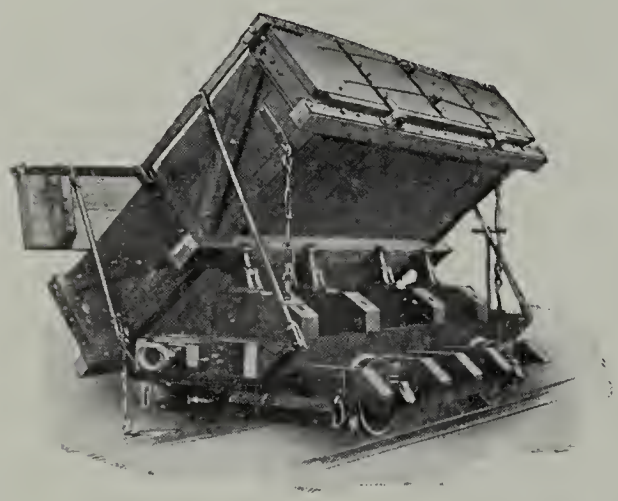




Wonham-Magor Engineering Works

MANUFACTURERS OF

Industrial Railway Materials



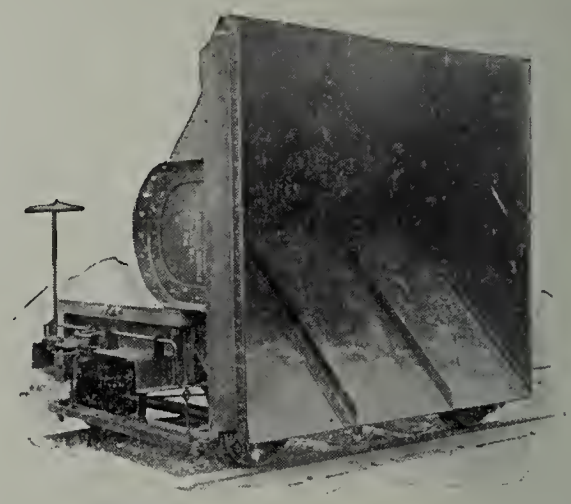
ALL STYLES OF

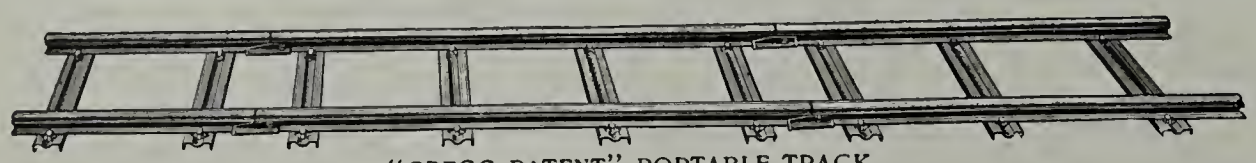
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Rails, Portable Track Switches, Turn Tables, Wheels and Axles, etc.

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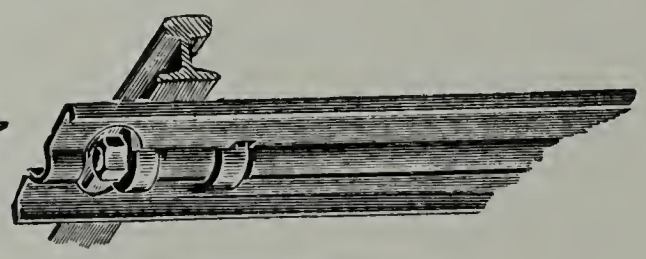




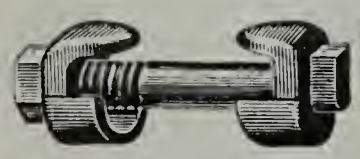
"GREGG PATENT" PORTABLE TRACK



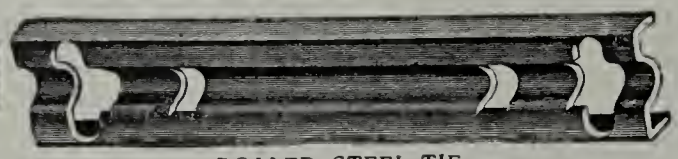
TOP VIEW OF TIE



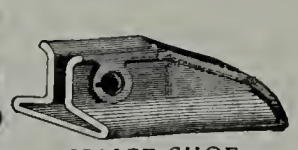
BOTTOM VIEW OF TIE



BOLT AND CLIPS



ROLLED STEEL TIE



SPLICE SHOE

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ALL WEIGHTS AND GAUGES.

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SUGAR WAGONS, RAILS, PORTABLE TRACK,
SWITCHES, LOCOMOTIVES, TURNTABLES,

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Dodge Mfg. Co. (Switches, Curves, Crossings, etc.), Mishawaka, Ind.; 45 Dey, N. Y.; 168 S Clinton, Chicago; 137 Purchase, Boston, Mass., & Cincinnati, O.
GREGG CO., LTD. (For Plantations, etc.), Newburgh, N. Y. (See adv. opp. this page)
HOISTING & CONVEYING MACHINERY CO., 44 N Elizabeth, Chicago, Ill. (See adv. index, end of book)
Hunt, C. W. Co., 45 B'way, N. Y. Works: West New Brighton, L. I., N. Y. City
KOPPEL, ARTHUR, 68 Broad, N. Y. (See adv. opp. preceding page)
LEAVITT, C. W. & CO., 15 Cortlandt, New York. (See adv. Index, end of book)
Link Belt Engineering Co., Nicetown, Phila., Pa.; 47 Dey, New York, & Park bldg, Pittsburg, Pa.
Mead-Morrison Mfg. Co., 11 B'way, New York; Boston, Mass., & Chicago, Ill.
Peterler Portable Railway Mfg. Co., Minneapolis, Minn.
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
STURTEVANT, B. F. Co., Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S Clinton, Chicago, Ill.; 133 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria st, London, Eng. (See adv. index, end of book)
Treadwell, M. H. & Co., 95 Liberty, N. Y.
Turl's, John Sons (Inc.), 534 W 28th, New York Phila., Pa.
Wharton, Wm., Jr., & Co., 25th & Wash'n av,
WHITING FOUNDRY EQUIPMENT Co. (for Foundries, etc.), Harvey, Ill. (See adv. index, end of book)
WONHAM - MAGOR ENGINEERING Works, 29 B'way, New York. (See adv. opp. this page)

Railways (Marine)

(See Dry Docks & Marine Railways.)

Railways (Miniature)

(See also Locomotives & Railways, Miniature.)

Armitage-Herschell Co., North Tonawanda,
Cagney Bros., 407 B'way, New York N. Y.
Ingersoll Construction Co., 307 4th av, Pittsburg, Pa.
Morris, E. Joy, 1416 Callowhill, Phila., Pa.
Thompson, L. A. Scenic Railway Co., 302 B'way, New York

Railways (Scenic)

(See Railways, Miniature.)

Rake & Tedder Teeth

Akron Machine Co. (Rake Teeth), Akron, O.
Cambria Steel Co. (Gautier Dept.), Johnstown, Pa., & Arcade bldg, Phila., Pa.
Harrow Spring Co., Kalamazoo, Mich.
Herschel, R. Mfg. Co., Peoria, Ill.
Mason, F. C. & Co., St. Johns, Mich.
Morgan Spring Co. (Tedder Forks), Worcester, Mass.
Whitman & Barnes Mfg. Co., West Pullman, Chicago & Akron, O.

Rakes (Asphalt or Tar)

American Fork & Hoe Co. (Steel), Main Office, Cleveland, O. Export Office, 11 B'way, New York. Factories, Ashtabula, O.; Wallingford, Vt.; Binghamton, N. Y.; St. Johnsbury, Vt.; Girard, Pa.; Fkd., Phila., Pa.; Utica, N. Y., & Willoughby, O
CONTRACTORS' TOOL CO., 704 Arch, Phila., Pa. (See adv. index, end of book)
Sheble & Klemm (Steel), Fkd., Phila., Pa.

Rakes (Drag)

Foster & Williams Mfg. Co, Racine, Wis.
Patterson, D. S. & Son, Brookfield, Vt.

Rakes (Garden or Lawn, Etc.)

Alexander & Perkins, Sunapee, N. H.
American Fork & Hoe Co., Main Office, Cleveland, O. Export Office, 11 B'way, New York. Factories, Ashtabula, O.; Wallingford, Vt.; Binghamton, N. Y.; St. Johnsbury, Vt.; Girard, Pa.; Frankford, Phila., Pa.; Utica, N. Y., & Willoughby, O.
Bartlett, L. D. & Son Co., South Tamworth, N. H.
Brown, Henman & Huntington Co. (Steel & Malleable Iron Road, Potato, etc.), Columbus, O.
Champion Lawn Rake Co., Canton, O.
Continental Tool Co. (Solid Steel; also Malleable), Frankfort, N. Y.
Cronk & Carrier Mfg. Co. (Brace wrought steel & malleable iron), Elmira, N. Y.
Derby & Ball, Bellows Falls, Vt.
Geneva Tool Co., Geneva, O.
Gibbs Mfg. Co., Canton, O.
Harriman Hoe & Tool Co., Harriman, Tenn.
Iowa Farming Tool Co., Fort Madison, Ia.
Kohler, F. E. & Co., Canton, O.
Ney Mfg. Co. (Automatic Self-Cleaning Lawn), Canton, O.
Ney, V. L. Co. ("Champion" Lawn Rakes), Canton, O.
Patten & Stafford, Canastota, N. Y.
Piqua Handle & Mfg. Co. (Steel Weldless Malleable Iron), Piqua, O.
Sleeper, B. R., Sunapee, N. H.
Twin Rake Mfg. Co., Ladoga, Ind.
Union Furnace Mfg. Co. (Malleable Iron), Morrell, Pa.
Wellman, H. E., Westminster, W. Va.
Wheeling Hinge Co., Wheeling, W. Va.
Witherington & Cooley Mfg. Co., Jackson, Mich.

Rakes (Hand, Hay)

Benton Mfg. Co., Charlotte, Mich.
Burton Handle Co., Burton, O.
Continental Tool Co. (Bow Rakes), Frankfort, N. Y.
Fuller & Johnson Mfg. Co., Madison, Wis.
Garfield, D. M., Tyringham, Mass.
Geneva Tool Co., Geneva, O.
Iowa Farming Tool Co., Fort Madison, Iowa
Kansas City Hay Press Co., Kansas City, Mo
Rogers Rake Co., New Hartford, Conn.
Rugg Mfg. Co., Greenfield, Mass.
Thomas Mfg. Co., Springfield, O.

Rakes (Revolving, Hay)

Burton Handle Co., Burton, O.
Hughes & Smythe, Galena, O.
Ohio Rake Co., Dayton, O.
Reed & Rogers, Vernon, Ind.
Sterling Mfg. Co., Sterling, Ill.

Rakes (Side Delivery, Hay)

Chambers-Bering-Quinlan Co., Decatur, Ill.
Dain Mfg. Co., Ottumwa, Iowa
Deere & Mansur Co., Moline, Ill.
Keystone Mfg. Co., Sterling, Ill.
Sterling Mfg. Co., Sterling, Ill.

Rakes (Stacker for Threshers)

Frick Co., Waynesboro, Pa.
Merriam, I. Z., Whitewater, Wis.
Port Huron Engine & Thresher Co., Port Huron, Mich.

Rakes (Stalk)

Brown, Geo. W. & Co., Galesburg, Ill.
Luthy & Co., Peoria, Ill.
Selby, Starr & Co., Peoria, Ill.
Sheer Engine, Lincoln, Ill.

Rakes (Sulky, Hay)

Acme Harvester Co., Peoria, Ill.
Adriance, Platt & Co. (Steel Wheels), Poughkeepsie, N. Y.
Albright, J. Hudson, Mifflinburg, Pa.
American Grass Twine Co., St. Paul, Minn.
Ames Plow Co., Quincy Hall, Boston
Aultman, Miller, Buckeye Co., Akron, O.
Avery, B. F. & Sons, Louisville, Ky.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Bradley, David Mfg. Co., Bradley, Ill.
Brown, Geo. W. & Co., Galesburg, Ill.
Buffalo Pitts Co., Buffalo, N. Y.
Chapinville Wheel Co., Poughkeepsie, N. Y.
Clipper Chilled Plow Co., Elmira, N. Y.
Comstock, Geo. S. ("Novelty"), Mechanicsburg, Pa.
Deere & Mansur Co., Moline, Ill.
Deering Harvester Co., 16 Fullerton av, Chicago, Ill.
Deuchler, H. P. Co., Hamilton, O.
Emerson Mfg. Co., Rockford, Ill.
Empire Drill Co., Shortsville, N. Y.
Farquhar, A. B. Co., York, Pa.
Fleming & Sons' Mfg. Co., Huntsville, Mo.
Fond du Lac Implement Co., Fond du Lac, Wis.
Fuller & Johnson Mfg. Co., Madison, Wis.
Gale Mfg. Co., Albion, Mich.
Grand Delour Plow Co., Dixon, Ill.
Hocking Valley Mfg. Co., Lancaster, O.
Howell, R. R. & Co., Minneapolis, Minn.
Johnston Harvester Co., Batavia, Ill.
Long & Allstatter Co. (Hand or Horse Dump), Hamilton, O.
McCormick Harvesting Machine Co., Chicago,
Messinger Mfg. Co. ("Steel King Self Dumping"), Tatamy, Pa.
Moline Plow Co., Moline, Ill.
Ohio Rake Co., Dayton, O.
Osborne, D. M. & Co. (Self & Hand Dump), Auburn, N. Y.
Patten, Frank C. Co., Sycamore, Ill.
Patten & Stafford, Canastota, N. Y.
Plano Mfg. Co. (Adjustable Steel), West Pullman, Chicago
Richardson Mfg. Co., Worcester, Mass.
Rowell, J. S., Mfg. Co. (Self Dump), Beaver Dam, Wis.
Rude Bros. Mfg. Co., Liberty, Ind.
Sattley Mfg. Co. (Self & Hand Dump), Springfield, Ill.
Smith & Sons Mfg. Co. (2 & 3-Wheel Sweep), Kansas City, Mo.
Sterling Mfg. Co., Sterling, Ill.
Stoddard Mfg. Co., Dayton, O.
Sucker State Drill Co., Belleville, Ill.
Thomas Mfg. Co., Springfield, O.
Thompson, J. & Sons Mfg. Co., Beloit, Wis.
Van Brunt Mfg. Co., Horicon, Wis.
Warder, Bushnell & Glessner Co., Springfield, O.
Wiard Plow Co., Batavia, N. Y.
Williams Bros. (Self & Hand Dumping), Ithaca, N. Y.
Wood, W. A. Mowing & Reaping Machine Co., Hoosick Falls, N. Y.

Rakes (Sweep Hay, Rickers, Loaders & Stackers)

Acme Harvester Co. (Sweep), Peoria, Ill.
Barley, Thos. K., Sedalia, Mo.
Benicia Agricultural Works (Buck Rake), Benicia, Cal.
Dain Mfg. Co. (Automatic Stackers), Ottumwa,
Eureka Mfg. Co., Chariton, Ia. Ia.
Famous Mfg. Co. (Peerless Sweep, Champion Buck), East Chicago, Ind.
Farm Tool Mfg. Co., Carrollton, Mo.
Fleming & Sons Mfg. Co., Huntsville, Mo.
Jackson, Byron Machine Works (Sweep), San Francisco, Cal.
Jenkins Hay Rake & Stacker Co., Browning, Mo.
Kansas City Hay Press Co. (Stacker & Rake), Kansas City, Mo.
Louden Machinery Co. (Rickers), Fairfield, Ia.
Martin-Anderson Co., Omaha, Neb.
Porter, J. E. Co. (Rickers), Ottawa, Ill.
Talt, F. B. Mfg. Co. (Single Tongue), Decatur, Ill.

Rakes (Sweep Hay to Work with Stackers)

Dain Mfg. Co. (Sweep & Power Lift), Ottumwa, Ia.
Eclipse Hay Press Co. (Sweep), Kansas City, Mo.
Famous Mfg. Co. (Three Wheel), East Chicago, Ind.
Fleming & Sons Mfg. Co., Huntsville, Mo.

Foster & Williams Mfg. Co. (Balance Pivot Wheel Sweep), Racine, Wis.
Howell, R. R. & Co. (Stacker Rake), Minneapolis, Minn.
Jenkins Hay Rake & Stacker Co. (Metal Truss, Sliding Seat), Browning, Mo.
Kansas City Hay Press Co. (Sweep), Kansas City, Mo.
McCall Mfg. Co. (Sweep), Moberly, Mo.

Rammers (Foundry)

(See also Pneumatic Foundry Rammers.)

Brown & Sharpe Mfg. Co. (Rubber Tipped), Providence, R. I.
Doscher Plane & Tool Co. (Moulders' Bench), Saugatuck, Conn.
Hellenberg, J. B. & Son (Moulders' Bench), Coldwater, Mich.
Osborn Mfg. Co., 1331 Hamilton, Cleveland, O.
Piqua Handle & Mfg. Co. (Also Moulder Bench Rammers), Piqua, O.
Sandusky Tool Co., Sandusky, O.
UNION ELEVATOR & MACHINE CO., 144 Ontario, Chicago, Ill. (See adv. index, end of book)
Woodstock Hardwood & Spool Mfg. Co. (Moulders' Wooden Rammers), Charleston, S. C.

Rammers (Sand)

Pollard, Jos. G., 141 Raymond, Brooklyn, N. Y.

Range Fenders)

Eastwood Wire Mfg. Co., Belleville, N. J.

Ranges (Acetyline Gas)

National Lighting & Heating Co., Cleveland, Ohio

Ranges (French Cooking)

(See Cooking Apparatus)

Ranges (Gas)

(See Stoves & Heaters & Ranges, Gas.)

Ranges (Portable & Stationary)

See Stove Mfrs.
Also Ranges, Steel.
Also Cooking Apparatus.

Ranges (Steel)

(See also Cooking Apparatus.)

American Stove Co. ("Quick Meal"), 414 N 6th, St. Louis, Mo.; 72 Lake, Chicago, Ill.; 356 4th av, New York
Beaver Dam Dauntless Malleable Steel Range Co., Beaver Dam, Pa.
Bonnet-Nance Stove Co., Chicago Heights, Ill.
Born Steel Range Co., 1984 Pearl, Cleveland, Ohio
Bramhall, Deane Co., 264 Water, N. Y.
Bramhall Range Co., 81 Market, Chicago, Ill.
Bridgeford & Co., Louisville, Ky.
Buckstaff Bros. Mfg. Co., Lincoln, Neb.
CARMICHAEL-WILKS RANGE CO., 195 Kinzie, Chicago, Ill.
Cincinnati Steel Range & Furnace Co., Cincinnati, O.
Clad, V. & Sons, 239 S 12th, Phila., Pa.
Comstock-Castle Stove Co., Quincy, Ill.
Cosmopolitan Range Co., 26 Sullivan, N. Y.
Crane, W. M. Co. ("Vulcan" "Perfect"), 1133 B'way, N. Y.
Cribben & Sexton Co., 52 Erie, Chicago, Ill.
DUPARQUET, HUOT & MONEUSE CO., CO., 43 Wooster, N. Y.; 88 North, Boston, Mass., & 1420 Penna. av, Washington, D. C. (See adv. index, end of book)
Dauntless Mfg. Co., Beaver Dam, Wis.
Eclipse Stove Co., Mansfield, O.
Fischer Leaf Co., 1438 High av, Louisville, Ky.
Fischer, Wm. G. Mfg. Co., 19 Church pl, Cincinnati, O.
Franke, H. Steel Range Co., 1911 Harvard, N'bgh, Cleveland, O.
Globe Stove & Range Co., Kokomo, Ind.
Hall Bros. Co., Lincoln, Neb.
Hess, Snyder Co., Massillon, O.
Home Stove Co., Indianapolis, Ind.
Hoyt Mfg. Co., Milwaukee, Wis.
Hutchinson Bros., 116 N Howard, Baltimore, Md.
Ils, John G. & Co., 814 Kearny, San Francisco, Cal.
Liberty Stove Wks., 239 Water,, N. Y.
Lotze's, A Sons & Co., Cincinnati, O.
M. & D. Range Co., 100 Lake av, Chicago, Ill.
Majestic Mfg. Co., 2014 Morgan, St. Louis, Mo., & 45 Cliff, N. Y.
Malleable Steel Range Mfg. Co., South Bend, Ind.
Michigan Heater Co., Bay Rapids, Mich.
Michigan Stove Co., Detroit, Mich., & Chicago, Ill.
Miller, W. Range & Furnace Co. (Portable), 127 E 5th, Cincinnati, O.
Peninsular Stove Co., Fort W. & 10th, Detroit, Mich.
Portsmouth Stove & Range Co., Portsmouth, O.
Resor, Wm. & Co., C. H. & D. Ry., north of Gest, Cincinnati, O.
Rubel & Co., 82 Lake, Chicago, Ill.
Schill Bros. Co., Crestline, O.
Schneider & Trenkamp Co. (for Coal, Wood & Coke), 479 Case av, Cleveland, O., & 62 S Canal, Chicago, Ill.
Star Shovel & Range Co., Vincennes, Ind.
Stearnes Steel Range Co., 31 Market, Chicago, Ill.
Taplin, Rice & Co., Akron, O.
Van, John Range Co. (for Families, Hotels & Institutions), Cincinnati, O.
Walker & Pratt Mfg. Co., 31 Union, Boston, Mass.
Warren Hardware Co., Warren, O.
Wrought Iron Range Co., 1901 Washington av, St. Louis. Mo.

Rasps (Horse)

Heller Bros. Co., 879 Mt. Prospect av, Newark, N. J.

Rachets (Coupling & Jack)

TERRY & TENCH CO. (Inc.), Lexington av & 131st, New York. (See adv. index, end of book)

Ratchets (Deck Sash)

Adams & Westlake Co., Ontario c N Franklin, Chicago; 2042 N 10th, Phila., Pa., & 26 Cortlandt, N. Y.

Ratchets (Fence)

Bowen Cable Stay Fence Co. ("Miller Ideal"), Norwalk, O.
Chain Stay Fence Co., Sterling, Ill.
Electric Oil Stove Co., Jackson, Mich.
National Novelty Corp'n ("Brighton"), 826 B'way, New York
Schriver, O. P. & Co. ("I. X. L. Wire Fence"), 208 Elm, Cincinnati, O.
Universal Ratchet Co. ("Universal" Wire Fence Ratchet & Tightener), Detroit, Mich.

Ratchets (Packer)

ASHCROFT MFG. CO., THE, 85, 87, 89 Liberty, New York, & 22, 24, 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.
Lovejoy, T. H., 90 Ohio, Chicago, Ill.

Rattan Seat Covering (Canvas lined)

Hale & Kilburn Mfg. Co., 48 N 6th, Phila., Pa.

Rattan & Reed Works

American Rattan & Reed Mfg. Co., Kingsland & Norman avs, Brooklyn, N. Y.
Heywood Bros. & Wakefield Co., Gardner, Mass.
Jenkins, A. D. & Co., Wakefield, Mass.
Wakefield Reed Chair & Carriage Co., Wakefield, Mass.

Rattlers (Nail)

Miller's, H. J. Sons, Bridgewater, Mass.
Perkins, Henry Co., Bridgewater, Mass.

Rawbone (Boiled)

Cooper's, Peter Glue Factory, 13 Burling slip, N. Y.

Rawbone (Granulated)

(See also Bone, Black.)

Armour Fertilizer Works, 205 LaSalle, Chicago, Ill.
Lister Agricultural & Chemical Works, 26 B'way, N. Y.
Rogers & Hubbard Co., Middletown, Conn.
Taylor, Geo. F., 136 Water, New York
York Chemical Works, York, Pa.

Razor Mfrs.

Geneva Cutlery Co. (200 Different Styles), Geneva. N. Y.
Schatt & Morgan Cutlery Co., Titusville, Pa.
Wiss, J. & Sons Co., Newark, N. J.

Reamers

(Under this heading see sub-classification.)
(See also Taps, Various Kinds.)

Billings & Spencer Co., Hartford, Conn.
Buck Bros., Milbury, Mass.
Buck, Chas., Milbury, Mass.
Butterfield & Co., Derby Line, Vt.
Card, S. W. Mfg. Co., Mansfield, Mass.
Chicago Screw Co. (Taper Pin), 98 West Wash'n, Chicago, Ill.
Cincinnati Screw & Tap Co., 2442 Beekman, Cincinnati, O.
Clough, R. M., Tolland, Conn.
Cleveland Twist Drill Co., Cleveland, O.
Detroit Twist Drill Co., Detroit, Mich.
King, J. M. & Co., Waterford, N. Y.
McCrosky, F. B. Mfg. Co. (Universal), Meadville, Pa.
Mayhew, H. H. Co., Shelburne Falls, Mass.
Mergenthaler-Ott Co. (Inc.). Baltimore, Md.
Morse Twist Drill & Machine Co., New Bedford, Mass.
National Machine Tool Co., 208 Lawrence, Cincinnati, O.
National Twist Drill & Tool Co., Detroit, Mich.
New Process Twist Drill Co. (Hot Forged), Taunton, Mass.
Norton Mfg. Co., Chester, Conn.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pratt & Whitney Co., Hartford, Conn.
Putnam Machine Co., Fitchburg, Mass.
Rogers, Jno. M. Boat Gauge & Drill Works, Gloucester City, N. J.
Standard Railway Equipment Co., Nat'l Bank of Commerce, St. Louis, Mo.
Standard Screw Co. (Taper Pin), 2 N Canal, Chicago, Ill.
Standard Tool Co., 1260 Cleveland av, Cleveland, O.
Stevens, J. Arms & Tool Co., Chicopee Falls, Mass.
Tuck Mfg. Co., Brockton, Mass.
Wells Bros. Co., Greenfield, Mass.
Whitman & Barnes Mfg. Co., West Pullman, Chicago; Akron, O., & 111 Chambers, N. Y.
Wildeke, Gustave & Co. (Rivet Hole & Flue), Dayton, O.
Wiley & Russell Mfg. Co., Greenfield, Mass.

Reamers (Adjustable)

American Axe & Tool Co., 253 B'way, N. Y.
Clough, R. M. (Shell & Hand), Tolland, Conn.
apointe Machine Tool Co., 32 Atlantic av, Boston, Mass.
Mergenthaler-Ott Co. (Inc) (Adjustable Blade), Baltimore, Md.

Morse Twist Drill & Machine Co., New Bedford, Mass.
Rogers, Jno. M. Boat Gauge & Drill Works, Gloucester City, N. J.
Standard Tool Co., 1260 Central av, Cleveland, Ohio

Reamers (Bit Brace)

Bramberg, Charles, 91 Cliff, New York
Detroit Twist Drill Co., Detroit, Mich.
Holroyd & Co., Waterford, N. Y.
Kraeuter & Co., 577 18th av, Newark, N. J.
Mayhew, H. H. Co., Shelburne Falls, Mass.
Morse Twist Drill & Machine Co., New Bedford, Mass.
National Twist Drill & Tool Co. ("National" Taper & Fluted), Detroit, Mich.
Standard Tool Co., 1260 Central av, Cleveland, O.
Wells Bros. Co., Greenfield, Mass.
Whitman & Barnes Mfg. Co., Akron, O.; West Pullman, Chicago, Ill., & 111 Chambers, New York
Wiley & Russell Mfg. Co., Greenfield, Mass.

Reamers (Bridge)

Morse Twist Drill & Machine Co., New Bedford, Mass.
National Twist Drill & Tool Co. ("National"), Detroit, Mich.
Wiley & Russell Mfg. Co., Greenfield, Mass.

Reamers (Center)

Bamberg, Charles, 91 Cliff, New York
Card, S. W. Mfg. Co., Mansfield, Mass.
Cleveland Twist Drill Co., Cleveland, O.
Detroit Twist Drill Co., Detroit, Mich.
Morse Twist Drill & Machine Co., New Bedford, Mass.
National Twist Drill & Tool Co, Detroit, Mich.
Pratt & Whitney Co., Hartford, Conn.
Standard Tool Co., 1260 Central av, Cleveland, O.
Whitman & Barnes Mfg. Co., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York
Wiley & Russell Mfg. Co., Greenfield, Mass.

Reamers (Chucking)

Cleveland Twist Drill Co., Cleveland, O.
Detroit Twist Drill Co. (Also Rose Chucking), Detroit, Mich.
Morse Twist Drill & Machine Co., New Bedford, Mass.
National Twist Drill & Tool Co. ("National" Rose Fluted), Detroit, Mich.
New Process Twist Drill Co. (Hot Forged), Taunton, Mass.
Polk, A. J. & Son (Fluted, etc.), Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Reading Machine & Tool Co. (Adjustable Rose), Reading, Pa.
Rogers, John M. Boat Gauge & Drill Works, Glouecster City, N. J.
Standard Tool Co., 1260 Central av, Cleveland, O.
Whitman & Barnes Mfg. Co., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York
Wiley & Russell Mfg. Co., Greenfield, Mass.

Reamers (Expansion)

Chadwick, G. B. & Co. (The Critchley's), Portsmouth, N. H.
Cleveland Twist Drill Co., Cleveland, O.
Clough, R. M. (Chucking), Tolland, Conn.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Standard Tool Co., 1260 Central av, Cleveland, O.

Reamers (Hand)

Clough, R. M., Tolland, Conn.
Detroit Twist Drill Co., Detroit, Mich.
Kraueter & Co., 577 18th av, Newark, N. J.
McCrosky, F. B., 206 Lawrence, Cincinnati, O.
Morse Twist Drill & Machine Co., New Bedford, Mass.
National Machine Tool Co., 208 Lawrenee, Cincinnati, O.
Polk, A. J. & Son, Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Shepard Lathe Co., 129 W 2d, Cincinnati, O.
Standard Tool Co., 1260 Central av, Cleveland, O.
Wiley & Russell Mfg. Co., Greenfield, Mass.

Reamers or Tap Borers (Lead Pipe)

Bernz, Otto, S. 13th & S. Orange av, Newark, N. J.
Enterprise Mfg. Co., 3d & Dauphine, Phila., Pa.
Grabler Mfg. Co., 23 Academy, Cleveland, O.
Hamden Mfg. Co., Hamden, Conn.
Jennings, C. E. & Co., 42 Murray, New York
Lowentraut, P. Mfg. Co., 36 Brenner, Newark, N. J.
Osborne, C. S. & Co., 96 Mechanic, Newark, N. J.

Reamers (Pipe)

(See Taps & Reamers, Pipe.)

Reamers (Pneumatic)

(See Pneumatic Reaming & Tapping Drills.)

Reamers (Shell)

Cleveland Twist Drill Co., Cleveland, O.
Clough, R. M., Tolland, Conn.
Detroit Twist Drill Co. (Also Rose Shell), Detroit, Mich.
McCrosky, F. B., 206 Lawrence, Cincinnati, O.
Morse Twist Drill & Machine Co., New Bedford, Mass.
National Twist Drill & Tool Co. ("National" Fluted), Detroit, Mich.
Polk, A. J. & Son, Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Putnam Machine Co., Cleveland, O.
Standard Tool Co., 1260 Central, Cleveland, O.
Whitman & Barnes Mfg. Co., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York
Wiley & Russell Mfg. Co., Greenfield, Mass.

Reamers (Square)

Buck Bros., Milbury, Mass.
Jennings, C. E. & Co.
Vaughan & Bushnell Mfg. Co., 877 Carroll av, Chicago

Reamers (Taper)

Brown & Sharpe Mfg. Co. ("Standard"), Providence, R. I.
Butterfield & Co., Derby Line, Vt.
Chicago Screw Co. (Taper Pin), 2 N Canal, Chicago
Cincinnati Screw & Tap Co. (Pin), 2442 Beekman, Cincinnati, O.
Cleveland Twist Drill Co., Cleveland, O.
Corbin Screw Corporation (Pin), New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, Ill., & 925 Market, Phila., Pa.
Detroit Twist Drill Co. (Also Taper Pin), Detroit, Mich.
Hall, C. F. & Son Co. (Adjustable), Syracuse, N. Y.
Morse Twist Drill & Machine Co., New Bedford, Mass.
National Twist Drill & Tool Co. ("National" Taper Pin, Ets.), Detroit, Mich.
Polk, A. J. & Son (also for Bit Brace), Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Rogers, Jno. M. Boat Gauge & Drill Works (Solid & Adjustable), Gloucester City, N. J.
Standard Screw Co. (Taper Pin), 2 N Canal, Chicago, Ill.
Standard Tool Co., 1260 Central av, Cleveland, O.
Stow Flexible Shaft Co. (Long Taper), N 26th & Buttonwood, Phila., Pa.
TERRY & TENCH CO., Inc. (For Bridge Builders), Lexington av & 131st, New York. (See adv. index, end of book)
Whitman & Barnes Mfg. Co., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York
Wilde, Gustave & Co. (Rivet Hole, One-Half Taper & One-Fourth Straight & Shank), Dayton, O.
Wiley & Russell Mfg. Co. (The Morse), Greenfield, Mass.

Receivers (Ammonia Liquid)

Wolf, Fred W. Co., 141 Rees, Chicago, Ill.

Receptacles

Electric Motor & Equipment Co. ("Brewster-Universal"), 13 Beaver, Newark, N. J.
Falcon Electric Mfg. Co., 432 E 71st, N. Y.
Gilmore Eleetric Co., 625 E 1st, Boston, Mass.
Morris Electric Co., Wilmington, Del.
Pass & Seymour ("P. & S." Waterproof, etc.), Solvay, Syraeuse, N. Y.
Trumbull Electric Mfg. Co., Plainville, Conn., & New York

Record Holders (Wire), Phonograph

Stanley & Paterson, 93 Liberty, N. Y.
Syracuse Wire Works, Syracuse, N. Y.

Recorders (Mechanical Draft)

STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 131 Liberty, New York; 281 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa., & 147 Queen Victoria, London, England. (See adv. index, end of book)

Recorders (Moscrop, Continuous Speed)

ASHCROFT MFG. CO., THE (For Steam, Electric, Cable, Engine & Water Motors), 85, 87 & 89 Liberty, New York, & 22, 24 & 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.
(See adv. index, end of book)

Recorders (Railway Speed)

CHICAGO PNEUMATIC TOOL CO., Fisher bldg.. Chicago, & 95 Liberty, N. Y.
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Bowen Cable Stay Fence Co. ("Miller's" for Wire Fence), Norwalk, O.

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Dicke Tool Co (& Take Up), Downers Grove, Ill.
Klein, Mathias & Son, 87 W Van Buren, Chicago
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Trask, H. D. Co., 76 Sudbury, Boston, Mass.
Union Water Meter Co., Worcester, Mass.
Van Auken-Clevauc Co. ("Clevauc"), Yonkers, N. Y.
Waters Governor Co., Everett, Mass.
Watson & McDaniel Co. (for Steam, Water & Air), 146 N 7th, Philadelphia, Pa.
Watts Regulator Co., Lawrence, Mass.

Regulators (Pressure, for Cane Mills)

Buchel Machine Works, New Orleans, La.

Regulators (Pump)

(See also Governors, Pump.)

Belfield, H. & Co., 435 N Broad, Phila., Pa.
Burrows Mfg. Co. (Automatic), York, Pa.
Burton & Kennedy, 107 W Centre, Cleveland, O.
Collins Mfg. Co. ("Griffith's" Automatic), Conshohocken, Pa.
Davis, Jno. Co., 22d & Halsted, Chicago, Ill.
D'Este, Julian Co., 24 Canal, Boston, Mass.
Eynon-Evans Mfg. Co., 1519 Clearfield, Phila., Pa., & 107 Liberty, N. Y.
Ford, Thos. P. Co. (Steam & Electric), 81 Centre, N. Y.
Foster Engineering Co., Newark, N. J.
Kelly & Jones Co., 135 Water, Pittsburg, Pa.; 59 Clark, Chicago, Ill., & 15 Park Row, N. Y. Works, Greensburg, Pa.
Kieley & Mueller, 7 W 13th, N. Y.
Kitts Mfg. Co. (Pressure), Oswego, N. Y.
Klipfel & Thomas Co. ("K. & T."), 74 W Lake, Chicago, Ill.
Locke Regulator Co. (Boiler Feed), Salem, Mass.
LUNKENHEIMER CO. General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, N. Y., & 35 Great Dover st, London, S. E., England. (See adv. inndex, end of book)
Mason Regulator Co., 158 Summer, Boston, Mass.
Nash Regulating Valve Co., Detroit, Mich.
Nason Mfg. Co., 71 Beekman, N. Y.
QUIMBY, WM. E. (INC.), 141 B'way, New York. (See adv. index, end of book)
Roberts, Geo. I. & Bro., 473 4th av, N. Y.
Robertson, Jas. L. & Sons, 204 Fulton N. Y., 12 Pearl, Boston, Mass.
Ross Valve Co., Troy, N. Y.
Schaffer & Budenberg Mfg. Co. Main Office & Works, 10 Division, Brooklyn, N. Y.; 66 John, N. Y., & 15 W Lake, Chicago, Ill.
Scott Valve Co., 32 W Randolph, Chicago, Ill.
STEIGERT, LEOPOLD (The "U. S." Automatic), Elder & Logan, Cincinnati, O. (See adv. index, end of book)
STRONG, CARLISLE & HAMMOND CO., 61 Frankfort, Cleveland, O. (See adv. index, end of book)
Union Water Meter Co., Worcester, Mass.
Van Auken, Clevaue Co., Yonkers, N. Y.
Watts Regulator Co. (Watts), Lawrence, Mass.

Regulators (Rheostat)

Ford, Thomas P. Co., 81 Centre, N. Y.

Regulators (Speed)

(See Controllers, Electric Speed.)

Regulators (Steam Engine)

(See Governors, Steam Engine.)

Regulators (Temperature)

(See Regulators, Heat.)

Regulators (Voltage)

Belknap Motor Co., Portland, Me.
Gilmore Electric Co., 625 E 1st, Boston, Mass.
Portland Co. ("The W. H. C."), Portland, Me.

Regulators (Water Pressure)

Aneshaensel, C. & Co. ("Reliable"), Indianapolis, Ind.
Bishop & Babcock Co., Cleveland, O.
Chaplin-Fulton Mfg. Co., 28 Penn. av, Pittsburg, Pa.
Clow, Jas. B. & Sons, 344 Franklin, Chicago, Ill.
Davis, Geo. M. Regulator Co., 145 Milwaukee av, Chicago, Ill.
D'Este, Julian Co., 24 Canal, Boston, Mass.
Erwin Hydraulic Machinery Co., 204 Grand av, Milwaukee, Wis.
Flory, S. Mfg. Co., Bangor, Pa.
Fisher Governor Co., Marshalltown, Ia.
Ford, Thos. P. Co., 81 Centre, N. Y.
Haydenville Co., 150 Nassau, N. Y., & Haydenville, Mass.
Jacobus, M. R. (for Steam Boilers), 8 W 64th, N. Y.
Kieley & Mueller, 34 W 13th, New York
Kitts Mfg. Co., Oswego, N. Y.
Locke Regulator Co., Salem, Mass.
Mueller, H. Mfg. Co., Decatur, Ill.
Nason Mfg. Co., 71 Beekman, N. Y.
Powers Regulator Co., Chicago, Ill.
Thomas Brass & Iron Co., Waukegan, Ill.
Thompson, J. & Co., c Van Horn & Sophia, Phila., Pa.
Union Water Meter Co., Worcester, Mass.
Watts Regulator Co. ("Watts"), Lawrence, Mass.

Regulators (Water Wheel)

(See Governors, Water Wheel.)

Regulators (Windmill)

Althouse Wheeler Co., Waupun, Wis.
Baker Mfg. Co., Evansville, Wis.
Batavia Windmill Co., Batavia, Ill.
Bushnell Pump Co., Bushnell, Ill.
Challenge Windmill & Feed Mill Co., Batavia, Ill.
Deming Co., Salem, O.
Dempster Mfg. Co., Des Moines, Ia.
Eli Tank Heater Co., DeKalb, Ill.
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Fisher & Long, Decatur, Ill.
Flint & Walling Mfg. Co., Kendallville, Ind.
Heller, Aller & Co. (Hydraulic), Napoleon, O.
Hunt, Helm, Ferris & Co. ("The Star"), Harvard, Ill.
Marcy, R. G. Mfg. Co. (The Acme), Bluffton, Ind.
Mast, Foos & Co., Springfield, O.
Myers, F. E. & Bro., Ashland, O.
Novelty Mfg. Co., Rock Island, Ill.
Red Jacket Mfg. Co., Davenport, Ia.
Stover Mfg. Co., Freeport, Ill.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Zimmerman Mfg. Co., Auburn, Ind.

Reheaters (Air)

INGERSOLL-SERGEANT DRILL CO., The, 26 Cortlandt, New York. Offices, Old Colony building, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 1st av, Seattle Wash.; Corestine bldg, Montreal, Canada; Mexico City, Calle 2a de Dolores No. 20, Mexico D. F.; London, Eng., 114a Queen Victoria st; Paris, France, 51 Rue de la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence st; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co.; Lima, Peru, W. R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv. index, end of book)
RAND DRILL CO., 128 B'way, New York, & Monadnock blk, Chicago, Ill. (See adv. index, end of book)

Reinforcing Metals

RANSOME CONCRETE MACHINERY Co. (Twisted Steel), 11 B'way, New York. (See adv. index, end of book)

Repairs (Electrical Machinery)

PHOENIX ELECTRIC MFG. CO., Mansfield, O. (See adv. index, end of book)

Reservoirs (Air Brake, Etc.)

PRESSED STEEL TANK CO., Milwaukee, Wis. (See adv. index, end of book)

Respirators

Cover, H. S. (Metal or Rubber), South Bend, Ind.

Retorts (Chemical)

Bethlehem Foundry & Machine Co., South Bethlehem, Pa.

Retorts (Gas)

(See Gas Retorts.)

Retorts (Gold & Silver Melting)

Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.

Retorts (Wood Alcohol)

Cornell, J. B. & J. M. Co., 26th & 11th av, New York

Revolution Counters

(See Counters, Revolution.)

Revolving Doors

(See Doors, Revolving.)

Rheostat Bricks

Reconstructed Granite Co., 14 Dey, New York. Works, Norristown, Pa.

Rheostats

Badt, F. B. & Co. (Mfrs.' Agts.), Monadnock blk, Chicago, Ill.
Benton, Thos. P. & Son, La Crosse, Wis.
Bernard, E. G. Co., Troy, N. Y.
Brown & McLain, 141 Federal, Boston, Mass.
Chicago Rheostat Co., 529 W 34th, New York
Cutler Electrical & Mfg. Co., 1112 Sansom, Phila., Pa.
Cutler-Hammer Mfg. Co. (Motor Starting & Dynamo Regulators), Milwaukee, Wis.; 136 Liberty, New York, & Chicago, Ill.
Darrin, D. H. Co. (The Whittingham), 126 Liberty, N. Y.
Diamond Meter Co., 926 S Adams, Peoria, Ill.
Electric Controller & Supply Co., 31 Michigan, Cleveland, O.
ELEKTRON MFG. CO. (Automatic), Springfield, Mass.; 179 Lincoln, Boston, Mass.; 408 Orchard, Rochester, N. Y.; Washington Loan & Trust Co. bldg, Washington, D. C., & 156 5th av, New York. (See adv. index, end of book)
Fort Wayne Electric Works (Motor Sterling), Fort Wayne, Ind.
GENERAL ELECTRIC CO. (for Generators, Motors & Projectors), Schenectady, N. Y., & 44 Broad, New York. (See adv. index, end of book)
Gilmore Electric Co. (Automatic), 625 E 1st, Boston, Mass.
Jenney Electric Mfg. Co., Indianapolis, Ind.
Lincoln Electric Co., 71 Ontario, Cleveland, O.
McGuire-Cummings Mfg. Co. (Carbon Electric), 122 N Sangamon, Chicago, Ill.
McIntosh Battery & Optical Co. (Cautery, etc.), 39 W Randolph, Chicago, Ill.
Muir, Thos. & Son, Union Trust bldg, Detroit, Mich.
Northern Engineering Co., 165 Wash'n, New York
Ohio Electric Specialty Mfg. Co., Troy, O.
PHOENIX ELECTRIC MFG. CO., Mansfield, O. (See adv. index, end of book)
Putnam, Jos. E. (Automatic), Chamber of Commerce, Rochester, N. Y.
Quaker City Electric Co., 237 Dock, Phila., Pa.
Simplex Electrical Co., 110 State, Boston, Mass.
Ward, Leonard Electric Co., Bronxville, N. Y.

Western Electric Co. (Stage Dimming), 239 S Clinton, Chicago, Ill., & 57 Bethune, N. Y.
WESTINGHOUSE ELECTRIC & MFG. Co., Westinghouse bldg, Pittsburg, Pa. (See adv. index, end of book)
Wirt Electric Co. (the Wirt Dynamo & Field), 4523 Tacony, Phila., Pa.

Rice Binders

Aultman, Miller & Co., Akron, O.
Deering Harvester Co., Chicago, Ill.
Warder, Bushnell & Glessner Co., Springfield, O.

Rice Shoes (Brewers')

Huntpley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

Rickerts (Hay)

(See Rakes, Sweep Hay, Etc.)

Riddles (Foundry)

WRIGHT WIRE CO., Worcester, Mass. (See adv. index, en dof book)

Riddles & Sieves

Brand, S. H. & Co. (Nickel Plate), 99 W Monroe, Chicago, Ill.
Colton Wire Cloth Co., Worcester, Mass.
Darby, Edward & Sons, 233 Arch, Phila., Pa.
Dufur & Co., 311 N Howard, Baltimore, Md.
Estey Wire Works Co., 59 Fulton, N. Y.
Forest City Steel & Iron Co., Cleveland, O.
Gilbert & Bennett Mfg. Co., 42 Cliff, N. Y.; Georgetown, Conn., & 153 Lake, Chicago, Ill.
Howard & Morse, 45 Fulton, N. Y.
Ludlow-Saylor Wire Co., St. Louis, Mo.
Meyers, Fred J. Mfg. Co., Hamilton, O.
OSBORN MFG. CO., 1331 Hamilton, Cleveland, O.
Paxson, J. W. Co., 1021 N Delaware av, Phila., Pa.
Scheeler's Sons, Buffalo, N. Y.
SMITH, J. D. FOUNDRY SUPPLY CO., 40 S Water, Cleveland, O., & 2143 Central av, Cincinnati, O. (See adv. index, end of book)
Tristram, Jas. J., Rockville Centre, N. Y.
TYLER, W. S. CO., 1150 St. Clair, Cleveland, O.; 11 B'way, New York, & Bessemer bldg, Pittsburg, Pa. (See adv. index, end of book)
WRIGHT WIRE CO. (Steel, Brass, etc.), Worcester, Mass. (See adv. index, end of book)

Ridgings (Globe Ventilated)

GLOBE VENTILATOR CO., 203 River, Troy, N. Y. (See adv. index, end of book)

Riding Galleries (Steam)

(See Carrousels, Organs, etc.)

Rifles (Air)

Atlas Gun Co. (Guns), Ilion, N. Y.
Daisy Mfg. Co., Plymouth, Mich.
Dubuar, J. A. Mfg. Co. (Warrior, Globe & Globe Special), Northville, Mich.
Hamilton Rifle Co., Plymouth, Mich.
Hexagon Air Rifle Co., Detroit, Mich.
Markham Air Rifle Co., Plymouth, Mich.
Rapid Rifle Co., Grand Rapids, Mich.

Rifles, Guns, Etc.

Baker Gun & Forging Co., Batavia, N. Y.
Colt's Arms Co., Hartford, Conn.
Crescent Fire Arms Co., Norwich, Conn.
Davenport, W. H. Fire Arms Co., Norwich, Conn.
Davis, N. R. & Sons (Hammerless Guns, etc.), Assonet, Mass.
Harrington & Richards Arms Co. (Guns & Pistols), Worcester, Mass.
Hollenbeck Gun Co., Wheeling, W. Va.
Hopkins & Allen Arms Co., Norwich, Conn.
Hunter Arms Co., Fulton, N. Y.
Ithaca Gun Co., Ithaca, N. Y.
Johnson's, Iver Arms & Cycle Co., Fitchburg, Mass.
Marlin Fire Arms Co. (Repeating Rifles & Shot Guns), New Haven, Conn.
Parker Bros., Meriden, Ct.
Remington Arms Co., Ilion, N. Y., & N. Y. City
Savage Arms Co., Utica, N. Y.
Shattuck, C. S. (Hammerless Guns, etc.), Hatfield, Mass.
Smith & Wesson (Revolvers), Springfield, Mass.
Stevens, J. Arms & Tool Co. (Guns, Pistols, etc.), Chicopee Falls, Mass.
Syracuse Arms Co. (Hammer & Hammerless Shot Guns, etc.), Syracuse, N. Y.
Union Fire Arms Co., Toledo, O.
United States Rapid Fire Gun & Powder Co. (Navy & Fortification Guns, with Ammunifor Same), Derby, Conn.
Whitney Safety Arms Co. (Shot Guns, Revolvers, Pistols, etc.), Newport, R. I.
Winchester Repeating Arms Co., New Haven, Conn.
Young Repeating Arms Co., Solumbus, O.

Rings (Brass)

American Ring Co., Waterbury, Conn.
Grammes, L. F. & Sons, Allentown, Pa.
Hendryx, Andrew B. Co., New Haven, Conn.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Turner & Seymour Mfg. Co., Torrington, Conn.

Rings (Clinch)

Falls Mfg. Co., San Francisco, Cal.
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
Rhode Island Tool Co., Providence, R. I.
Wheeling Hinge Co., Wheeling, W. Va.

Rings (Hitching)

Brewer Bros. (Wrought, Screw, Drill or Lead, etc.), 614 Filbert, Phila., Pa.

Rings (Key)

Billings & Spencer Co., Hartford, Conn.
Snow, L. T., 698 Chapel, New Haven, Conn.

Rings (Open)

Brewer Bros. (Wrought), 614 Filbert, Phila., Pa.

Rings (Pole)

American Iron & Steel Co., Lebanon, Pa.
ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Boston Bolt Co., 284 Franklin, Boston, Mass.
Hubbard & Co., Pittsburg, Pa.
Lanz, M. & Sons, 101 S 29th, Pittsburg, Pa.
New England Bolt & Nut Co., 253 Atlantic av, Boston, Mass.
Oliver Iron & Steel Co., Pittsburg, Pa.
Piqua Handle & Mfg. Co. (Wood), Piqua, O.

Rings (Rubber)

Boston Belting Co., 256 Devonshire, Boston, Mass., & 100 Reade, N. Y.
Boston Woven Hose & Rubber Co., Executive Office & Factory, Cambridgeport, Mass. Stores, 116 Duane, New York; 185 Lake, Chicago, Ill., Cleveland, O.; San Francisco, Cal., & Boston, Mass.
Continental Rubber Wks., Erie, Pa.
Morgan & Wright (Inc.), 19 N May, Chicago, Ill.

Rings (Screw)

Brooks, M. S. & Son (Brass), Chester, Conn.

Rings (Steel)

Dunne, Geo. W. & Co. (Solid), 687 Carroll av, Chicago, Ill.

Rings (Weldless)

Crucible Steel Forge Co., 83 Lake, Cleveland, O.
Hay-Budden Mfg. Co., 254 Henry, Brooklyn, N. Y.

Rings with Staples

Humason & Beckley Mfg. Co. (Wrought), New Britain, Conn.

Rings & Punches (Bull & Hog)

Chambers, Bering & Quinlan Co. (Rings, Hog), Decatur, Ill.
Decker Mfg. Co., Keokuk, Ia.
Heesen Bros. & Co., Tecumseh, Mich.
Humason & Beckley Mfg. Co. (Rings & Punches), New Britain, Conn.
Pratt, Wm. E. Mfg. Co. (Rings & Punches), 91 Lake, Chicago, Ill.
St. Louis Screw Co. (Rings, Hog), 600 E Clarence, St. Louis, Mo.
Smith, F. P. & Co. (Rings, Hog), Sharon Hill, Pa.
Smith, Seymour & Son (Ringers, etc.), Oakville, Conn.

Rivet Mfrs.

(Under this heading sub-classifications.)

Ames, W. & Co., 312 Wash'n, Jersey City, N. J.
American Iron & Steel Mfg. Co., Lebanon, Pa.
American Screw Co., Providence, R. I., & 19 Lake, Chicago, Ill.
Atlas Tack Co., Fairhaven, Mass.
BENEDICT & BURNHAM MFG. CO. (Brass & Copper), Waterbury, Conn.; 253 B'way, New York; 172 High, Boston, Mass., &167 Lake, Chicago. (See adv. index, end of book)
Berry Bros., Columbus, O.
Birmingham Brass Co., Derby, Conn.; & 290 B'way, New York
Blake & Johnson (Special), Waterbury, Conn.
Boston Bolt Co., 33 Purchase, Boston, Mass.
Bourne & Knowles Mfg. Co. (Hot Rivets ½ & Larger), 68 Main, Cleveland, O.
Brown, Edw. E., Winsted, Conn.
Burden Iron Co., Troy, N. Y.
Champion Rivet Co., Union, at Erie R. R., Cleveland, O.
Ciark Bros. Bolt Co., Milldale, Conn.
Cobb & Drew (Copper, Brass & Iron), Plymouth, Mass., & Rock Falls, Ill.
Coe Brass Mfg. Co., Torrington, Conn.
Columbus Bolt Works, Columbus, O.
Diamond State Steel Co., Wilmington, Del.; 29 B'way, New York, & Phila., Pa.
Dowerman Rivet & Bolt Mfg. Co., 32d & Pennsylvania av, Pittsburg, Pa.
Fuller Bros. & Co. (Mfrs. Agts.), 139 Greenwich, New York
Fort Pitt Forge Co., Liberty av & 26th, Pittsburg, Pa.
Garland Nut & Rivet Co., Frick bldg, Pittsburg, Pa. Works, West Pittsburg, Pa.
Grand Crossing Tack Co., S Chicago av & 79th, Chicago
Greenlie, Wyatt & Co., 499 Water, New York
Hassall, Jno. (Small), 169 Elm, New York
Holmes, Booth & Haydens Co. (Brass & Copper), Waterbury, Conn., & 37 Park pl, New York
Hoopes & Townsend Co., 1330 Buttonwood, Philadelphia, Pa.
HUNGERFORD, U. T. BRASS & COPPER CO. (Mfrs. Agts.), 497 Pearl, New York
Hussey, C. G. & Co. (Copper), 2890 2d av, Pittsburg, Pa.
Jones & Laughlin Steel Co., Pittsburg, Pa.; 220 B'way, New York, & c W Lake & Canal, Chicago
Kansas City Bolt & Nut Co., Kansas City, Mo.

Kirk-Latty Mfg. Co., Cleveland, O.
Lamson & Sessions Co., 412 Scranton av, Cleveland, O.
Lanz, Mathew & Sons, 101 S 29th, Pittsburg, Pa.
Michigan Bolt & Nut Works, ft Meldrum av, Detroit, Mich., & 135 Adams, Chicago
Milwaukee Tack Co., Milwaukee, Wis.
Monarch Bolt & Screw Co., Cleveland, O.
Moore, Franklin Co. (Cone, Flat, Truss, Oval & Round Head), Winsted, Conn.
Moran Bolt & Nut Mfg. Co., c Florida & Main, St. Louis, Mo.
Mount Carmel Bolt Co., Mt. Carmel, Conn.
National Rivet Works (Chas E. Brown), New Haven, Conn.
National Screw & Tack Co., Cleveland, O.
Newark Rivet Works, 146 Monroe, Newark, N. J.
New Castle Forge & Bolt Co., New Castle, Pa.
New England Bolt & Nut Co., 253 Atlantic av, Boston, Mass.
Old Dominion Iron & Nail Wks. Co., Richmond, Va.
Oliver Iron & Steel Co., Pittsburg, Pa.
Philips, Townsend & Co., N 4th & Glenwood av, Philadelphia, Pa.
Pittsburg Mfg. Co., 28th & R. R., Pittsburg, Pa
Pittsburg Screw & Bolt Co., Pittsburg, Pa.
Plume & Atwood Mfg. Co. (Brass, etc.), Waterbury, Conn.; 199 Lake, Chicago, & 29 Murray, New York
Plymouth Mills, Plymouth, Mass.
Progressive Mfg. Co., Torrington, Conn.
Reed & Prince Mfg. Co., Worcester, Mass.
Reeves Mfg. Co., New Haven, Conn.
Republic Iron & Steel Co., General Offices, First National Bank bldg, Chicago. District Sales Offices, Buffalo; Cleveland, O.; Birmingham, Ala.; Manhattan Life bldg, New York; St. Louis; St. Paul, Minn.; Pittsburg, Pa., & Cincinnati, O.
Richards, T. C. Hardware Co., Winsted, Conn.
Rockford Bolt Works, Rockford, Ill.
Rome Brass & Copper Co. (Brass & Copper), Rome, N. Y.
Russell & Erwin Mfg. Co., New Britain, Conn., & 43 Chambers, New York
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)
Scovill Mfg. Co. (Brass, etc.), Waterbury, Conn.
Severence, S. Mfg. Co., Murtland bldg, Pittsburg, Pa.
Standard Rivet Co., 41 Lincoln, Boston, Mass.
Stimpson, Edwin B. & Son, 31 Spruce, N. Y.
Taunton Rivet Co., Taunton, Mass.
Tower Mfg. Co., Madison, Ind.
Townsend, C. C. & E. P., New Brighton, Pa.
Townsend, G. G., Winchendon, Mass.
Tubular Rivet & Stud Co., 87 Lincoln, Boston, Mass.
Ulster Iron Works, Dover, N. J.
Upham, V. B. & Bro., 30 Hudson av, Brooklyn, N. Y.
Upson Nut Co., Unionville, Conn., & Cleveland, O.
Waterbury Brass Co. (Brass, etc.), Waterbury, Conn
Whitman, C. B. & C. A., Detroit, Mich.
Youngstown Bolt Co., Youngstown, O.

Rivet-Sets

Bernz, Otto, S 13th c S Orange av, Newark, N. J.
Springfield Machine Screw Co. ("Diamond"), Springfield, Mass.

Riveters (Belting & Harness Repairing, etc.)

Arcade Mfg. Co., Freeport, Ill.

Riveters (Hydro-Pneumatic)

RELIANCE PNEUMATIC TOOL CO., Channing & Franklin avs, St. Louis, Mo. (See adv. index, end of book)

Riveters (Pneumatic Compression)

Albree, Chester B. Iron Works, Allegheny, Pa.
Allen, John F., 370 Gerard av, New York
Bethlehem Foundry & Machine Co., South Bethlehem, Pa.
CHICAGO PNEUMATIC TOOL CO., Fisher bldg, Chicago, Ill. (See adv. index, end of book)
General Pneumatic Tool Co., Montour Falls, N. Y.
Hanna Engineering Works, 820 Elston av, Chicago, Ill.
Pedrick & Ayer Co., 85 Liberty, New York. Works, Plainfield, N. J.

Riveting Machines

(See Machinery.)

Rivets (Aluminum)

Blake & Johnson, Waterbury, Conn.
Upham, V. B. & Bro., 30 Hudson av, Brooklyn, N. Y.

Rivets (Barrel)

Cobb & Drew, Plymouth, Mass., & Rock Falls, Ill.
Hoopes & Townsend Co., 1330 Buttonwood, Phila., Pa.
National Rivet Works (Chas. E. Brown), New Haven, Conn.
Townsend, G. G., Winchendon, Mass.

Rivets (Belt & Hose)

American Screw Co. (Rivets & Burrs), Providence, R. I., & 19 Lake, Chicago, Ill.
Atlas Tack Co. (Copper), Fairhaven, Mass.
BENEDICT & BURNHAM MFG. CO. (Brass & Copper), Waterbury, Conn.; 253 B'way, N. Y.; 157 Lake, Chicago, & 172 High, Boston, Mass. (See adv. index, end of book)
Bridgeport Brass Co., Bridgeport, Conn., & 19 Murray, New York
Cobb & Drew, Plymouth, Mass., & Rock Falls, Ill.
Coe Brass Mfg. Co., Torrington, Conn.
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Grand Crossing Tack Co., S Chicago av & 79th, Chicago, Ill.
Holmes, Booth & Haydens Co., Waterbury, Conn., & 37 Park pl, N. Y.
HUNGERFORD, U. T. BRASS & COPper Co. (Copper), 497 Pearl, New York
National Rivet Works (Chas. E. Brown), New Haven, Conn.
NATIONAL SUPPLY CO. (Belt), 7 W Lombard, Baltimore, Md. (See adv. index, end of book)
Phillips, Townsend & Co., 4-8 Glenwood av, Phila., Pa.
Plume & Atwood Mfg. Co., Waterbury, Conn.; 199 Lake, Chicago, Ill., & 29 Murray, N. Y.
Rome Brass & Copper Co., Rome, N. Y.
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)
Standard Rivet Co. (And for Cloth & Other Fabries). 41 Lincoln, Boston, Mass.
Stinson, Edwin B. & Son, 31 Spruce, N. Y.
Tower Mfg. Co. (Tinned & Coppered Iron, Burrs & Rivets), Front & Elm, Cincinnati, O., & Madison, Ind.

Rivets (Boiler & Tank)

American Iron & Steel Mfg. Co., Lebanon, Pa.
Atlas Tack Co., Fairhaven, Mass.
Boston Bolt Co., 284 Franklin, Boston, Mass.
Burden Iron Co., Troy, N. Y.
Champion Rivet Co., Union at Erie R. R., Cleveland, O.
Diamond State Steel Co., Wilmington, Del.; Phila., Pa., & 29 B'way, N. Y.
Fuller Bros. & Co. (Mfrs' Agts.), 139 Greenwich, N. Y.
Hoopes & Townsend Co., 1330 Buttonwood, Phila., Pa.
Jones & Laughlin Steel Co., Pittsburg, Pa.; 220 B'way, N. Y., & c Lake & Canal, Chicago, Ill.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Michigan Bolt & Nut Works, ft Meldrum av, Detroit, Mich., & 135 Adams, Chicago, Ill.
Moran Bolt & Nut Mfg. Co., St. Louis, Mo.
New Castle Forge & Bolt Co., New Castle, Pa.
New England Bolt & Nut Co., 253 Atlantic av, Boston, Mass.
Old Dominion Iron & Nail Works Co., Richmond, Va.
Oliver Iron & Steel Co., Pittsburg, Pa.
Penn Iron Co., Lancaster, Pa.
Pittsburg Mfg. Co., 28th & R. R., Pittsburg, Pa.
Pittsburg Screw & Bolt Co., Pittsburg, Pa.
Republic Iron & Steel Co., General Offices, First National Bank bldg, Chicago. District Sales Offices, Buffalo; Cleveland, O.; Birmingham, Ala.; Manhattan Life bldg, New York; St. Louis; St. Paul, Minn.; Pittsburg, Pa., & Cincinnati, O.
Rockford Bolt Works, Rockford, Ill.
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)
Severence, S. Mfg. Co., Murtland bldg, Pittsburg, Pa.
Ulster Iron Works, Dover, N. J.
Upson Nut Co., Unionville, Conn., & Cleveland, O.
Vulcanus Forging Co. (Forged), Cleveland, O.
Waterbury Brass Co., Waterbury, Conn., & 122 Centre, N. Y.
Youngstown Bolt Co., Youngstown, O.

Rivets (Brass & Copper)

Atlas Tack Co. (Rivets & Burrs), Fairhaven, Mass.
BENEDICT & BURNHAM MFG. CO. Waterbury, Conn.; 253 B'way, New York; 172 High, Boston, & 167 Lake, Chicago. (See adv. index, end of book)
Birmingham Brass Co. (Brass Only), Derby, Conn., & 290 B'way, New York
Blake & Johnson, Waterbury, Conn.
Bridgeport Brass Co., Bridgeport, Conn., & 19 Murray, New York
Cobb & Drew, Plymouth, Mass.
Coe Brass Mfg. Co., Torrington, Conn.
Hassall, John, 169 Elm, New York
Hendricks Bros. (Copper Only), 49 Cliff, New York
Holmes, Booth & Haydens Co., Waterbury, Conn., & 37 Park pl, New York
HUNGERFORD, U. T. BRASS & COPper Co. (Jobbers), 497 Pearl, New York
Merchant & Co. (Inc.) (Jobbers), 517 Arch, Philadelphia, Pa.; 245 Water, New York; 584 Flushing av, Brooklyn, N. Y., & 14 Michigan, Chicago
Newark Rivet Works, 146 Monroe, Newark, N. J.
Plume & Atwood Mfg. Co. (Copper Trunk, raizers, Brass Jacket, etc.), Waterbury, 199 Lake, Chicago, & 29 Murray, New York
Progressive Mfg. Co., Torrington, Conn.
Reed & Prince Mfg. Co., Worcester, Mass.
Reeves Mfg. Co., New Haven, Conn.
Rockford Bolt Works, Rockford, Ill.
Rome Brass & Copper Co., Rome, N. Y., & 100 William, New York
Russell & Erwin Mfg. Co., New Britain, Conn., & 43 Chambers, New York
Taunton Rivet Co. (Cppper Rivets & Burrs), Taunton, Mass.
Townsend, C. C. & E. P., Brighton, Pa.
Upham, V. B. & Bro., c John & Hudson av, Brooklyn, N. Y.
Waterbury Brass Co., Waterbury, Conn., & 122 Centre, New York
Waterbury Mfg. Co., Waterbury, Conn.

Rivets (Bridge & Structural)

American Iron & Steel Mfg. Co., Lebanon, Pa.
Bassett-Presley Co. ("Crown" Steel), Cleveland, O.
Champion Rivet Co., Union & E. R. R., Cleveland, O.
Continental Bolt & Iron Works, 22d & Union, Chicago, Ill.
Diamond State Steel Co., Wilmington, Del.; 29 B'way, New York, & Phila., Pa.
Dowerman Rivet & Bolt Mfg. Co., 32d & Penn av, Pittsburg, Pa.
FOREST CITY STEEL & IRON CO., Cleveland, O. (See adv. index, end of book)
Fuller Bros. & Co. (Mfrs. agents), 139 Greenwich, New York
Hoopes & Townsend Co., 1330 Buttonwood, Philadelphia, Pa.

Jones & Laughlin Steel Co., Pittsburg, Pa.; 220 B'way, New York, & c Lake & Canal, Chicago, Ill.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lanz, Mathew & Sons, 101 S 29th, Pittsburg, Pa.
Michigan Bolt & Nut Works, ft Meldrum av, Detroit, Mich., & 135 Adams, Chicago
Moran Bolt & Nut Mfg. Co., St. Louis, Mo.
New Castle Forge & Bolt Co., New Castle, Pa.
New England Bolt & Nut Co., 253 Atlantic av, Boston, Mass.
Old Dominion Iron & Nail Works Co., Richmond,
Oliver Iron & Steel Co., Pittsburg, Pa.
Penn Iron Co., Lancaster, Pa.
Pittsburg Screw & Bolt Co., Pittsburg, Pa.
Republic Iron & Steel Co., General Offices, First National Bank bldg, Chicago. District Sales Offices, Buffalo; Cleveland, O.; Birmingham, Ala.; Manhattan Life bldg, New York; St. Louis; St. Paul, Minn.; Pittsburg, Pa., & Cincinnati, O.
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)
Scranton Bolt & Nut Co., Scranton, Pa., & 25 Broad, New York
Severence, S. Mfg. Co., Murtland bldg, Pittsburg, Pa.
Union Forge Co., Pittsburg, Pa.
Upham, V. B. & Bro. (For Ornamental Work), 30 Hudson av. Brooklyn, N. Y.
Upson Nut Co., Unionville, Conn., & Cleveland, Ohio
Vulcanus Forging Co. (Forged), Cleveland, O.

Rivets (Car)

American Iron & Steel Mfg. Co., Lebanon, Pa.
Hoopes & Townsend Co., 1330 Buttonwood, Philadelphia, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lamson & Sessions Co., 412 Scranton av, Cleveland, O.
Lanz, Mathew & Sons, 101 S 29th, Pittsburg, Pa.
Michigan Bolt & Nut Works, ft Meldrum av, Detroit, Mich., & 135 Adams, Chicago
Moran Bolt & Nut Co., St. Louis, Mo.
Oliver Iron & Steel Co., St. Louis, Mo.
Penn Iron Co., Lancaster, Pa.
Republic Iron & Steel Co., General Offices, First National Bank bldg, Chicago. District Sales Offices, Buffalo; Cleveland, O.; Birmingham, Ala.; Manhattan Life bldg, New York; St. Louis; St. Paul, Minn.; Pittsburg, Pa., & Cincinnati, O.

Rivets (Coopers')

American Screw Co., Providence, R. I., & 19 Lake, Chicago, Ill.
Hoopes & Townsend Co., 1330 Buttonwood, Philadelphia, Pa.
Lamson & Sessions Co., 412 Scranton av, Cleveland, O.
Mount Carmel Bolt Co., Mt. Carmel, Conn.
National Rivet Works (Chas. E. Brown), New Haven, Conn
National Screw & Tack Co., Cleveland, O.
Phillips, Townsend & Co., 4th & Glenwood av, Phila., Pa.
Tower Mfg. Co. (Countersunk, etc.), Front & Elm, Cincinnati, O., & Madison, Ind.

Rivets (German Silver)

Blake & Johnson, Waterbury, Conn.
Hassall, Jno., 169 Elm, New York
Progressive Mfg. Co., Torrington, Conn.
Upham, V. B. & Bro., 30 Hudson av, Brooklyn, N. Y.

Rivets (Hame)

American Screw Co., Providence, R. I., & 19 Lake, Chicago, Ill.

Rivets (Hinge)

Brewer Bros. (Wrought), 614 Filbert, Phila., Pa.

Rivets (Norway Iron)

American Iron & Steel Mfg. Co., Lebanon, Pa.
Diamond State Steel Co., Wilmington, Del.; Philadlephia, Pa., & 29 B'way, New York
Hassall, John, 169 Elm, New York
Hoopes & Townsend Co., 1330 Buttonwood, Philadelphia, Pa.
Jones & Laughlin Steel Co., Pittsburg, Pa.; 220 B'way, New York, & 30 W Lake, Chicago, Ill.
Michigan Bolt & Nut Works, ft Meldrum av, Detroit, Mich., & 135 Adams, Chicago
Moore, Franklin Co., Winsted, Conn.
National Rivet Works (Chas. E. Brown), New Haven, Conn.
Newark Rivet Works (Black, Coppered & Tinned), 146 Monroe, Newark, N. J.
Republic Iron & Steel Co., General Offices, First National Bank bldg, Chicago. District Sales Offices, Buffalo; Cleveland, O.; Birmingham, Ala.; Manhattan Life bldg, New York; St. Louis; St. Paul, Minn.; Pittsburg, Pa., & Cincinnati, O.
Reed & Prince Mfg. Co., Worcester, Mass.
Rockford Bolt Works, Rockford, Ill.
Upson Nut Co., Unionville, Conn., & Cleveland, Ohio

Rivets (Ornamental Steel)

BRAUN, J. G., 322 S Pauline, Chicago, Ill., & 554 W 36th, New York. (See adv. index, end of book)

Rivets (Ship)

(See Rivets, Boiler & Tank.)

Rivets (Shovel)

Reed & Prince Mfg. Co., Worcester, Mass.

Rivets (Steel Boiler)

Pangborn, Thos. W., 42 Dey, New York

Rivets (Stove)

Lamson & Sessions Co., 412 Scranton av, Cleveland, O.
National Rivet Works. (Chas. E. Brown), New Haven, Conn.

Rivets (Tinners')

American Screw Co., Providence, R. I., & 19 Lake, Chicago, Ill.
Atlas Tack Co., Fairhaven, Mass.
Cobb & Drew, Plymouth, Mass., & Rock Falls, Ill.
Diamond State Steel Co. (Black), Wilmington, Del.; Phila., Pa., & 29 B'way, N. Y.
Grand Crossing Lock Co., Grand Crossing, Chicago, Ill.
Iron Clad Mfg. Co., 4 Cliff, N. Y.
Lamson & Sessions Co., Cleveland, O.
Mount Carmel Bolt Co., Mt. Carmel, Conn.
National Rivet Works (Chas. E. Brown), New Haven, Conn.
National Screw & Tack Co., Cleveland, O.
NATIONAL SUPPLY CO., 7 W Lombard, Baltimore, Md. (See adv. index, end of book)
Phillips, Townsend & Co., 4th & Glenwood av, Phila., Pa.
Reed & Prince Mfg. Co., Worcester, Mass.
Taunton Rivet Co., Taunton, Mass.
Tower Mfg. Co., Front & Elm, Cincinnati, O., & Madison, Ind.
Townsend, C. C. & E. P., New Brighton, Pa.
Upham, V. B. & Bro., 30 Hudson av, Brookiyn, N. Y.
Upson Nut Co., Unionville, Conn., & Cleveland, O.

Rivets (Tire)

Lamson & Sessions Co., Cleveland, O.

Rivets (Tubular)

Tubular Rivet & Stud Co., Wollaston, Mass.

Rivets (Wire)

Reading Screw Co., Norristown, Pa.

Rivets & Burrs (Brass & Copper)

(See Rivets, Brass & Copper.)

Road Levelers

Acme Road Machinery Co., Frankfort, N. Y.
American Harrow Co., Detroit, Mich.
American Road Machine Co., Kennett square, Pa.
Austin Mfg. Co., Manhattan bldg, Chicago, & Harvey, Ill.
Climax Road Machine Co., Marathon, N. Y.
Kilbourne & Jacobs Mfg. Co., Columbus, O.

Road Machines & Graders

ACME ROAD MACHINERY CO. (Reversible), Frankfort, N. Y.
Adams, J. D. & Co., Indianapolis, Ind.
American Bridge & Scraper Co., Anderson, Ind.
American Road Machine Co., Kennett Square, Pa.
Austin Mfg. Co., 315 Dearborn, Chicago, Ill., & Harvey, Ill.
Champion Road Machine Co., Kennett Square, Pa.
Climax Road Machine Co., Marathon, N. Y.
Deere & Co. (Graders), Moline, Ill.
Good Roads Machinery Co., Kennett Square, Pa.
Indiana Road Machine Co. (Reversible Road Graders), Ft. Wayne, Ind.
Kilbourne & Jacobs Mfg. Co. (Graders), Columbus, O.
Marion Steam Shovel Co., Marion, O.
Moore, Joshua, Marseilles, Ill.
National Drill & Mfg. Co., Pullman bldg, Chicago. Works, Barberton, O.
Phillip, Rossman, Stockport, N. Y.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Scholl, Julian & Co., 126 Liberty, N. Y.
Shuart Grader Co. ("Ohio" Reversible), Oberlin, O.
Smith & Sons Mfg. Co., Lydia & Guinotte avs, Kansas City, Mo.
Western Wheeled Scraper Co., Aurora, Ill.

Road Rollers

(See Rollers of Various Kinds.)

Road Scarifier

Scholl, Julian & Co., 126 Liberty, New York

Road Scrapers (Drag & Wheel)

Acme Road Machinery Co. (Drag & Wheel), Frankfort, N. Y.
American Bridge & Scraper Co. (Drag & Wheel), Anderson, Ind.
American Road Machine Co. (Drag & Wheel), Kennett Square, Pa.
American Steel Scraper Co. (Drag & Wheel), Sidney, O.
ANDERSON, W. H. & SONS (Drag, & Wheel), Detroit, Mich. (See adv. index, end of book)
Austin Mfg. Co. (Drag & Wheel), 315 Dearborn, Chicago, & Harvey, Ill.
Champlain Agr'l Works (Drag), Champlain, N.Y.
Climax Road Machine Co. (Drag & Wheel), Marathon, N. Y.
Comstock, Geo. S. (Cast Iron Road Scoops & Scrapers), Mechanicsburg, Pa.
Donaldson Bros. (Drag), Mt. Clements, Mich.
Empire Plow Co. (Drag), Cleveland, O.

FAIRBANKS, MORSE & CO. (Drag Only), Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Good Roads Machinery Co. (Drag & Wheel), Kennett Square, Pa.
Gould Co. (Drag), Chicago, Ill.
Gowanda Agricultural Works Co. (Drag Only), Gowanda, N. Y.
Herschel, R. Mfg. Co., Peoria, Ill.
Holt Mfg. Co. (Drag), Stockton, Cal.
Indiana Road Machine Co. (Drag & Wheel), Fort Wayne, Ind
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Kilbourne & Jacobs Mfg. Co. (Drag & Wheel), Columbus, O.
Lansing Wheelbarrow Co. (Drag & Wheel), Lansing, Mich.
Lehr Agricultural Co. (Drag), Fremont, O.
Mechanical Mfg. Co. ("Stubbs" Wheeled), Union Stock Yards, Chicago, Ill.
National Drill & Mfg. Co., Pullman bldg, Chicago, Ill. Works, Barberton, O.
SHAW, WILLIS (Drag & Wheel), 171 La Salle, Chicago, Ill. (See adv. index, end of book)
Sidney Steel Scraper Co. (Drag & Wheel), Sidney, O
Slusser-McLean Scraper Co. (Drag & Wheel), Sidney, O.
Smith & Sons Mfg. Co. (Drag & Wheel), Kansas City, Mo.
Stewart, Frank (Drag), Washington, Iowa
Syracuse Chilled Plow Co. (Drag & Wheel), Syracuse, N. Y.
Vicksburg Mfg. Co., Vicksburg, Mich.
Western Wheel Scraper Co. (Columbian, Drag & Wheel), Aurora, Ill.
WHITMAN & BARNES MFG. CO. (Drag), West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)
Wilder, J. K. Sons (Drag), Monroe, Mich.

Roasters (Peanut)

Atsatt Bros. ("Acme"), Mattapoisett, Mass.
Bartholomew Co. ("Stunner," "Rival," "Ripper," "Nickel Mint" & "Boss"), Peoria, Ill.
Dunbar & Co. ("Chicago"), 18 N Desplaines, Chicago, Ill.
Kingery Mfg. Co. ("Perfection" & "Automobile" Steam Power & "Little Gem" & "Climax" Spring Power), 106 E Pearl, Cincinnati, O.
Lalley, M. ("Peerless"), 216 Elm, Cincinnati, Ohio
Lambert Food & Machine Co. ("Lambert"), Marshall, Mich.
Lee, Thos. ("Lee's Boss"), 132 W 2d, Cincinnati, O.
Long, W. Z., Springfield, O.

Rock Blasting (Knox System)

Knox Rock Blasting Co., Westinghouse bldg, Pittsburg, Pa.

Rock Crusher Parts

(See Castings, Rock Crusher.)

Rock Face Steel Siding

(See Steel Brick & Rock Face Siding.)

Rock Salt Mfrs.

Restof Mining Co., 170 B'way, New York
Wadsworth Salt Co., Wadsworth, O.

Rock Wool Mfrs.

(See Mineral Wool Mfrs.)

Rock & Ore Crushers

ACME ROAD MACHINERY CO., Frankfort, N. Y.
Allis-Chalmers Co., Office, N. Y. Life bldg, Chicago, Ill. Works, Chicago, Milwaukee & Scranton, Pa.
American Bridge & Scraper Co., Anderson, Ind.
American Road Machine Co., Kennett Square, Pa.
American Road Roller Co. ("Groton"), 156 5th av, N. Y. Works, Groton, N. Y.
Austin Mfg. Co., Harvey, Ill., & 315 Dearborn, Chicago, Ill.
Bacon, Earle C., 26 Cortlandt, New York
Bethlehem Foundry & Machine Co., South Bethlehem, Pa.
Bonnot Co., Canton, O.
BORTON & TIERNEY CO., Stephen Girard bldg, Phila., Pa.
BRADLEY PULVERIZER CO., 92 State, Boston, Mass., & 120 Liberty, New York
Calkins Co. ("Advance" Ore), Los Angeles, Cal.
Climax Road Machine Co., Marathon, N. Y.
Coldwell-Wilcox Co., Newburgh, N. Y.
CONTRACTORS' SUPPLY & EQUIPment Co., Old Colony bldg, Chicago; 170 B'way, New York, & 509 W 5th, Kansas City, Mo. (See adv. index, end of book)
Cresson, Geo. V. Co., Allegheny av, W of 17th, Phila., Pa., & 141 Liberty, New York
Delphi Stone Crusher Co., Delphi, Ind.
Denver Engineering Works Co. (Ore), Blake & 30th, Denver, Col.
Diamond Drill & Machine Co. (The Royal), Birdsboro, Pa.
Exeter Machine Works, Pittston, Pa.
Farrell Foundry & Machine Co. (Stone Breakers, etc.), Ansonia, Conn.
Good Roads Machinery Co., Kennett Square, Pa.
Hamilton, Wm. Mfg. Co., Petersborough, Ontario, Can.
Hassell Iron Works Co., Colorado Springs, Colo.
Hogg, Geo. A. Iron & Steel Foundry Co. ("Foster" Rock), 24th & R. R., Pittsburg, Pa.
Hoyt, L. E. & Co., Walton, N. Y.
Hunt, C. W. Co., 45 B'way, New York, & West New Brighton, New York City
Indiana Road Machine Co., Fort Wayne, Ind.
Kenney & Co., Scottdale, Pa.
Krom Machine Works (Rolling Toggie Crushers), 10 Essex, Jersey City, N. J.
Lake Shore Engine Works, Marquette, Mich.
Mine & Smelter Supply Co. (Ore), Denver, Col.; Salt Lake City, Utah; 139 Liberty, N. Y., & El Paso, Tex.
National Drill & Mfg. Co., Pullman bldg, Chicago. Works, Barberton, O.
PENNSYLVANIA CRUSHER CO. (Coal & Coke Crushers), Stephen Girard bldg, Phila., Pa.
Philadelphia Roll & Machine Co., S 23d & Wash'n av, Phila., Pa.
Phillips & McLaren (Blake), 24th & Smallman, Pittsburg, Pa.
Phoenix Iron Works, Portland, Ore.
Portage Lake Foundry & Machinery Co. Hancock, Mich.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Power & Mining Co. ("McCully" Gyratory Crusher), 52 William, New York. Works, Cudahy, Wis.
Raymond Bros. Impact Pulverizer Co., 143 Laflin, Chicago
Schoil, Julian & Co., 126 Liberty, New York
Schutz-O'Neill Co., Minneapolis, Minn.
SHAW, WILLIS, 171 Lasalle, Chicago, Ill. (See adv. index, end of book)
South St. Louis Foundry, 7516 S B'way, St. Louis, Mo.
Sprout, Waldron & Co., Muncy, Pa.
STURTEVANT MILL CO., Clayton c Park, Dor., Boston, Mass.
Tyrone Foundry & Machine Co. ("Morris" Stone Crusher), Tyrone, Pa.
Union Iron Works (Blake), 222 Market, San Francisco, Cal., & Spokane, Wash.
Vulcan Iron Works, Wilkesbarre, Pa.
Walker & Elliot (Phosphate), Wilmington, Del.
Western Wheeled Scraper Co. (Rock), Aurora, Ill.
Williams Patent Crusher & Pulverizer Co. (Quartz Rock), 2705 B'way, St. Louis, Mo.
YAGLE FOUNDRY & MACHINE CO., (Ltd.), ("Blake"), 32d & A. V. Ry., Pittsburg, Pa. (See adv. below)

Rods (Aluminum)

Pittsburg Reduction Co., New Kensington, Pa., & 99 John, New York
Scovill Mfg. Co., Waterbury, Conn.; 423 Broome, New York, & 210 Lake, Chicago, Ill.

Rods (Anchor)

American Iron & Steel Mfg. Co., Lebanon, Pa.
AMOS, CHAS. & CO., 94 W Larned, Detroit, Mich. (See adv. index, end of book)

THE Blake ROCK AND ORE Crushers

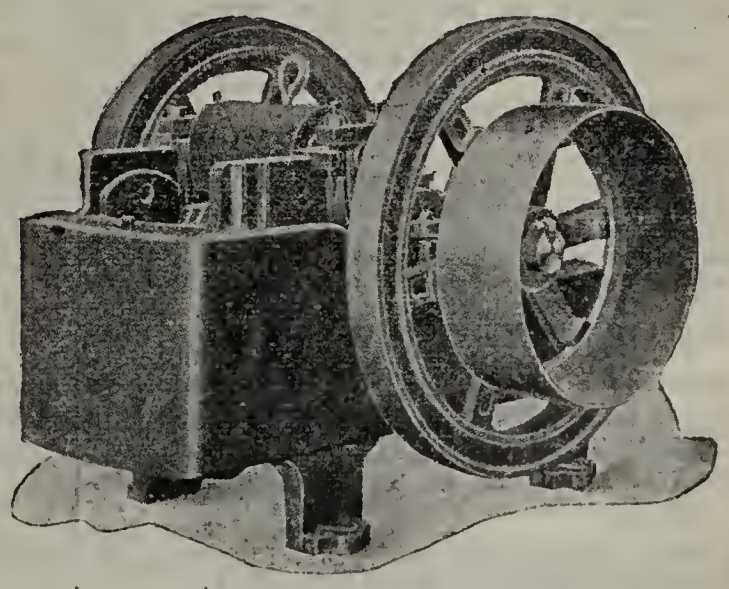
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Lanz, Mathew & Sons, 101 S 29th, Pittsburg, Pa.
Michigan Bolt & Nut Works, ft Meldrum av, Detroit, Mich., & 135 Adams, Chicago
Moran Bolt & Nut Mfg. Co., St. Louis, Mo.
New Castle Forge & Bolt Co., New Castle, Pa.
Oliver Iron & Steel Co., Pittsburg, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Republic Iron & Steel Co., General Offices, First National Bank bldg, Chicago. District Sales Offices, Buffalo; Cleveland, O.; Birmingham, Ala.; Manhattan Life bldg, New York; St. Louis; St. Paul, Minn.; Pittsburg, Pa., & Cincinnati, O.
Scranton Bolt & Nut Co., Scranton, Pa., & 25 Broad, N. Y.
Smith, Thos. & Co., Worcester, Mass.
Solid Steel Tool & Forge Co. (Steel), Farmers' Bank bldg, Pittsburg, Pa.

Rods (Bessemer Coppered)

AMERICAN STEEL & WIRE CO., the Rookery, Chicago; 21 State, New York; Cleveland, O., & San Francisco, Cal. (See adv. index, end of book)
NATIONAL WIRE CORPORATION, 114 Liberty, New York. (See adv. index, end of book)

Rods (Black Steel)

Kidd Bros. & Burgher Steel Wire Co., Aliquippa, Pa.

Rods (Brace)

AMERICAN STEEL & WIRE CO., the Rookery, Chicago; 21 State, New York; Cleveland, O., & San Francisco, Cal. (See adv. index, end of book)
NATIONAL WIRE CORPORATION, 114 Liberty, New York. (See adv. index, end of book)

Rods (Bracket)

American Iron & Steel Mfg. Co., Lebanon, Pa.
NATIONAL WIRE CORPORATION, 114 Liberty, New York. (See adv. index, end of book)

Rods (Brake Lever Connecting)

American Iron & Steel Mfg. Co., Lebanon, Pa.

Rods (Brass & Copper)

AMERICAN STEEL & WIRE CO., the Rookery, Chicago; 21 State, New York; Cleveland, O., & San Francisco, Cal. (See adv. index, end of book)
Ansonia Brass & Copper Co., Ansonia, Conn., & 99 John, New York
BENEDICT & BURNHAM MFG. CO., Waterbury, Conn.; 172 High, Boston; 167 Lake, Chicago, & 253 B'way, New York. (See adv. index, end of book)
Bridgeport Brass Co., Bridgeport, Conn., & 19 Murray, New York
Bristol Brass Co. (Brass Only), Bristol, Conn., & 46 W B'way, New York
Chase Rolling Mill Co., Waterbury, Conn.
Chicago Brass Co. (Brass only), Kenosha, Wis.,
Coe Brass Mfg. Co., Torrington, Conn.
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Dillon-Griswold Wire Co. (Copper Only), Sterling, Ill.
Hendricks Bros. (Copper Only), 49 Cliff, New York
Holmes, Booth & Haydens Co., Waterbury, Conn., & 31 Park pl, New York
HUNGERFORD, U. T. BRASS & COPPer Co. (Yellow Metal & Tobin Bronze), 497 Pearl, New York
Hussey, C. G. & Co., 890 2d av, Pittsburg, Pa.
Manhattan Brass Co., 338 E 28th, N. Y.
Merchant & Co., 517 Arch, Philadelphia, Pa.; 245 Water, New York; 584 Flushing av, Brooklyn, N. Y., & 14 Michigan, Chicago, Ill.
Plume & Atwood Mfg. Co., Waterbury, Conn.; 199 Lake, Chicago, & 29 Murray, N. Y.
Rome Brass & Copper Co., Rome, N. Y.
Taunton-New Bedford Copper Co. (Copper, Yellow Metal), New Bedford & Taunton, Mass.
Waterbury Brass Co., Waterbury, Conn., & 122 Centre, N. Y.

Rods (Bridge & Roof)

American Bolt Co., Lowell, Mass.
American Iron & Steel Mfg. Co., Lebanon, Pa.
Columbus Bolt Works, Columbus, O.
Diamond State Steel Co., Wilmington, Del.; Phila., Pa., & 29 B'way, N. Y.
Dietrich Bros., 344 North, Baltimore, Md.
Dunne, Geo. W. & Co., 687 Carroll av, Chicago, Ill.
Graham Nut Co., 755 Rebecca, Allegheny, Pa.
Hoopes & Townsend Co., 1330 Buttonwood, Phila., Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kinsley Iron & Machine Co., Canton, Mass.
Kropp, A. & Co., 52 Law av, Chicago, Ill.
Lake Erie Iron Co., 155 St. Clair, Cleveland, O.
Lanz, M. & Sons, 101 S 29th, Pittsburg Pa.
Metropolitan Bolt Co., 148 Purchase, Boston,
Michigan Bolt & Nut Works ,ft Meldrum av, Detroit, Mich., & 135 Adams, Chicago
Moran Bolt & Nut Mfg. Co., St. Louis, Mo.
NATIONAL SUPPLY CO., 7 W Lombard, Baltimore, Md. (See adv. index, end of book)
Neely Nut & Bolt Co., S 22d & P. & L. R. R., Pittsburg, Pa.
New Castle Forge & Bolt Co., New Castle, Pa.
New England Bolt & Nut Co., 253 Atlantic av, Boston, Mass.
Old Dominion Iron & Nail Works Co., Richmond, Va.
Oliver Iron & Steel Co., Pittsburg, Pa.
Parkhurst Bros. & Co., 218 Kentucky av, Indianapolis, Ind.
Pawtucket Mfg. Co., Pawtucket, R. I.
Payne's Bolt Works, 121 Howard, San Francisco, Cal.
Pittsburg Forge & Iron Co., Pittsburg
Preble, Edward, 103 Summer, E. B., Boston, Mass.
Republic Iron & Steel Co., General Offices, First National Bank bldg, Chicago. District Sales Offices, Buffalo; Cleveland, O.; Birmingham, Ala.; Manhattan Life bldg, New York; St. Louis; St. Paul, Minn.; Pittsburg, Pa., & Cincinnati, O.
Rockford Bolt Works, Rockford, Ill.
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)
Scranton Bolt & Nut Co., Scranton Pa., & 25 Broad, N. Y.
Smith, Thos. & Co., Worcester, Mass.
Standard Bolt & Mfg. Co., Ft. Worth, Tex.
Wichita Mfg. Co., Wichita, Kan.
WORDEN-ALLEN CO., P. O. Box 528, Milwaukee, Wis. (See adv. index, end of book)

Rods (Chair)

Lamson & Sessions Co. (Gimlet Point), Cleveland, O.
National Screw & Tack Co., Cleveland, O.

Rods (Connecting)

AMERICAN BRAKE SHOE & FOUNdry Co. (Cast Steel), Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)
Bethlehem Steel Co., So Bethlehem, Pa., & 100 B'way, New York
Block-Pollak Iron Co., Carthage, O., & Marquette bldg, Chicago, Ill.
Boston Forge Co., 340 Maverick, E. B. Boston
Cambria Steel Co., Johnstown, Pa.; Arcade bldg, Philadelphia, Pa., & 71 B'way, New York
Carnegie Steel Company, General Offices: Pittsburg, Pa.; Penna bldg, Phila., Pa.; The Rookery, Chicago, Ill., & 71 B'way, New York
Chester Steel Casting Co., 407 Samson, Phila., Pa., & Chester, Pa.
Crucible Steel Co. of America, Frick bldg, Pittsburg, Pa.; 64 S Clinton, Chicago, & 71 B'way, New York
Dunne, Geo. W. & Co., 687 Carroll av, Chicago, Ill.
Graham Nut Co., 755 Rebecca, Allegheny, Pa.
Jones & Laughlin Steel Co., Pittsburg, Pa.
Midvale Steel Co., Nicetown, Phila., Pa.
NATIONAL SUPPLY CO., 7 W Lombard, Baltimore, Md. (See adv. index, end of book)
Oliver Iron & Steel Co., Pittsburg, Pa.
Otis Steel Co., Lake cor Lawrence, Cleveland, O
Pettibone, Mulliken & Co., 204 Dearborn, Chicago, Ill.
Pittsburg Mfg. Co., 28th & R. R., Pittsburg, Pa.
Reading Iron Co., Reading, Pa.
Standard Connecting Rod Co., Beaver Falls, Pa.
Titusville Forge Co., Titusville, Pa.
Transue & Williams Co. (Drop Forged), Alliance, O.
Union Drop Forge Co., 66 E Ohio, Chicago, Ill.
Vulcanus Forging Co., Cleveland, O.

Rods (Dock)

Continental Bolt & Iron Works, 22d & Union, Chicago, Ill.
Kropp, A. & Co., 52 Law av, Chicago, Ill.

Rods (Drill)

AMERICAN STEEL & WIRE CO., the Rookery, Chicago; 21 State, New York; Cleveland, O., & San Francisco, Cal. (See adv. index, end of book)
Crucible Steel Co. of America, Frick bldg, Pittsburg, Pa.; 71 B'way, New York, & 64 S Clinton, Chicago
Damascus Nickel Steel Co., Phila. Bourse, Phila., Pa. Works, Carnegie, Pa.
Globe Wire Co.(Polished), Sharpsburg, Pa.
Kidd Bros. & Burgher Steel Wire Co. (Polished, Square & Special), Alliquippa, Pa.
Logan Iron & Steel Co., Burham, Pa., & Harrison bldg, Phila., Pa.
Pittsburg Tool Steel Wire Co., Monaca, Pa.
Washburn Wire Co., Phillipsdale, R. I., & 117th & E. R., New York

Rods (Duct, Conduit Wiring)

Barron, Jas. S. & Co., 339 Greenwich, New York
Bissell, F. Co., Toledo, O.
Nagel, W. G. Electric Co. ("Ready"), Toledo, Ohio

Rods (Eye)

American Iron & Steel Mfg. Co., Lebanon, Pa.
ANDERSON, W. H. SONS, Detroit, Mich. (See adv. index, end of book)
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lanz, M. & Sons, 101 S 29th, Pittsburg, Pa.
Michigan Bolt & Nut Works, ft Meldrum av, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., St. Louis, Mo.
NATIONAL SUPPLY CO., 7 W Lombard, Baltimore, Md. (See adv, index, end of book)
New Castle Forge & Bolt Co., New Castle, Pa.
Oliver Iron & Steel Co., Pittsburg, Pa.
Republic Iron & Steel Co., General Offices, First National Bank bldg, Chicago. District Sales Offices, Buffalo; Cleveland, O.; Birmingham, Ala.; Manhattan Life bldg, New York; St. Louis; St. Paul, Minn.; Pittsburg, Pa., & Cincinnati, O.
Scranton Bolt & Nut Co., Scranton, Pa., & 25 Broad, N. Y.

Rods (Fibre)

(See Fibre Mfrs., Hard.)

Rods (German Silver)

Bridgeport Brass Co., Bridgeport, Conn., & 19 Murray, New York
Bristol Brass Co., Bristol, Conn., & 46 W B'way, New York

Holmes, Booth & Haydens Co., 37 Park pl, N. Y., & Waterbury, Conn.
Plume & Atwood Mfg. Co., Waterbury, Conn., & 29 Murray, New York
Scovil Mfg. Co., Waterbury, Conn.
Seymour Mfg. Co., Seymour, Conn.
Waterbury Brass Co., Waterbury, Conn., & 122 Centre, N. Y.

Rods (Gun Cleaning)

Earies Mfg. Co. ("C. M. Powers"), Decatur, Ill.

Rods (Hard Fibre)

(See Fibre Mfrs., Hard.)

Rods (Measuring)

Alve, A. S. Co., 513 Olive, St. Louis, Mo.
Brown & Sharpe Mfg. Co., Providence, R. I.
KEUFFEL & ESSER CO., 127 Fulton, New York
Pratt & Whitney Co., Hartford, Conn.
Scott, Olin (U. S. Standard), Bennington, Vt.
SOLTMANN, E. G. (Also everything for the Architect, Engineer & Draughting Room), 125 E 42d, New York. (See adv. index, end of book)

Rods (Phosphor Bronze)

Phosphor Bronze Smelting Co., 2204 Wash'n av, Phila, Pa.
Reeves, Paul S. & Son, 1415 Catharine, Phila., Phila., Pa.

Rods (Piston)

Bethlehem Steel Co., South Bethlehem, Pa., & 100 B'way, New York
Boston Forge Co. (Steel), 340 Maverick, E. B., Boston
Braeburn Steel Co. (Steel), Braeburn, Pa.
Cambria Steel Co., Arcade bldg, Phila., Pa.; 71 B'way, N. Y. Works, Johnstown, Pa.
Carnegie Steel Company, General Offices: Pittsburg, Pa.; Penna bldg, Phila., Pa.; The Rookery, Chicago, Ill., & 71 B'way, New York
Carbon Steel Co., Pittsburg, Pa., & 26 Cortlandt, N. Y.
Columbia Bridge Co., Park bldg, Pittsburg, Pa.
Crucible Steel Co. of America, Frick bldg, Pittsburg, Pa.; 71 B'way, New York, & 64 S Clinton, Chicago
Finished Steel Co. (Polished Steel), Youngstown, O.
Helmbacher Forge & Rolling Mill Co., Wainwright bldg, St. Louis, Mo.
Jones, B. M. & Co. (Taylor Iron), 81 Milk, Boston, Mass, & 143 Liberty, N. Y.
Jones & Laughlin Steel Co., Pittsburg, Pa.
Lockhart Iron & Steel Co., McKee's Rocks, Pa.
Midvale Steel Co., Nicetown, Phila., Pa.; 100 B'way, N. Y.; Old Colony bldg, Chicago, Ill., & San Francisco, Cal
Phosphor Bronze Smelting Co. (Ltd.), 2200 Wash'n av, Phila., Pa.
Reading Iron Co., Reading, Pa.
Standard Steel Works, Harrison bldg, Phila., Pa.
Taunton-New Bedford Copper Co., New Bedford & Taunton, Mass.
Titusville Forge Co., Titusville, Pa.
Union Drawn Steel Co. (Cold Rolled Steel & Iron), Beaver Falls, Pa., & 172 Duane, New York

Rods (Pump)

AMERICAN STEEL & WIRE CO., the Rookery, Chicago; 21 State, New York; Cleveland, O., & San Francisco, Cal. (See adv. index end of book)
Columbia Bridge Co., Park bldg, Pittsburg, Pa.
Finished Steel Co. (Polished Steel), Youngstown, O.
NATIONAL WIRE CORPORATION, 114 Liberty, New York. (See adv. index, end of book)
Olson, Houghton & Co., Punxsutawney, Pa.
Taunton-New Bedford Copper Co., New Bedford & Taunton, Mass.
Union Drawn Steel Co. (Cold Rolled Steel & Iron), Beaver Falls, Pa., & 127 Duane, New York
Wolfe & Englert Composite Metal Co. (Composite Metal), Catasauqua, Pa.

Rods (Rake)

AMERICAN STEEL & WIRE CO., the Rookery, Chicago; 21 State, New York; Cleveland, O., & San Francisco, Cal. (See adv. index, end of book)
Washburn Wire Co., Phillipsdale, R. I., & 117th & E. R., New York

Rods (Roller Bearing)

AMERICAN STEEL & WIRE CO., the Rookery, Chicago; 21 State, New York; Cleveland, O., & San Francisco, Cal. (See adv. index, end of book)
Kidd Bros. & Burgher Steel Wire Co., Aliquippa, Pa.
Union Drawn Steel Co. (Cold Drawn High Carbon Steel), Beaver Falls, Pa., & 127 Duane, New York
Washburn Wire Co., Phillipsdale, R. I., & 117th & E. R., New York

Rods (Rubber)

(See Rubber Rods, Sheets & Tubing.)

Rods (Screw)

AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; 21 State, New York; Cleveland, O., & San Francisco Cal. (See adv. index, end of book)
Finished Steel Co. (Polished Steel), Youngstown, O.
Kidd Bros. & Burgher Steel Wire Co. (Polished), Aliquippa, Pa.
NATIONAL WIRE CORPORATION, 114 Liberty, New York. (See adv. index end of book)
Reading Screw Co., Norristown, Pa.

Rods (Side)

Carbon Steel Co., Pittsburg, Pa., & 26 Cortlandt, N. Y.
Helmsbacher Forge & Rolling Mill Co., St. Louis, Mo.
Standard Steel Works, Harrison bldg, Phila., Pa.

Rods (Stair)

Gould's M. Son & Co. (Brass & Bronze), 83 Reade, N. Y., & 61 Hamilton, Newark, N. J.
Newark Stair Rod Mfg. Co., Newark, N. J.
Walker, D. Mfg. Co., Newark, N. J.

Rods (Stove)

Adams Company ("Slotted Heads"), Dubuque, Ia.
American Screw Co., Providence, R. I., & 19 Lake, Chicago, Ill.
AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; 21 State, New York; Cleveland, O., & San Francisco Cal. (See adv. index, end of book)
Atlas Bolt & Screw Co., Cleveland, O.
Berry Bros. (and Seat), Columbus, O.
Corbin Screw Corporation, New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, Ill., & 925 Market, Phila., Pa.
Kirk-Latty Mfg. Co., Cleveland, O.
Lamson & Sessions Co., Cleveland, O.
Michigan Bolt & Nut Works, ft Meldrum av, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., St. Louis, Mo.
Mt. Carmel Bolt Co., Mt. Carmel, Conn.
National Screw & Tack Co., Cleveland, O.
NATIONAL SUPPLY CO., 7 W Lombard, Baltimore, Md. (See adv. index, end of book)
Reed & Prince Mfg. Co., Worcester, Mass.
Rockford Bolt Works, Rockford, Ill.
Troy Nickel Works, Albany, N. Y.
Upson Nut Co., Unionville, Conn., & Cleveland O
Washburn Wire Co., Phillipsdale, R. I., & 117th & E. R., New York

Rods (Sucker)

Acme Sucker Rod Co., Toledo, O.
Chapman Sucker Rod Co., Washington, Pa.
Coss & Stinebaugh, Lima, O.
Dresser & Boothe, Bradford, Pa.
Findlay Sucker Rod Co., Findlay, O.
Kile, S. & W. L., Mansfield, O.
Shannon & Wilson, Corry, Pa.

Rods (Tedder)

(See Rods, Rake.)

Rods (Tie)

American Iron & Steel Mfg. Co., Lebanon, Pa.
Ames, W. & Co., 312 Wash'n, Jersey City, N. J.
CHAMPION IRON CO. (Beam), Kenton, O. (See adv. index, end of book)
Diamond State Steel Co., Wilmington, Del.; Phila., Pa., & 29 B'way, N. Y.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lanz, M. & Sons, 101 S 29th, Pittsburg, Pa.
Metropolitan Bolt Co., 148 Purchase, Boston, Mass.
Michigan Bolt & Nut Works, ft Meldrum av, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., St. Louis, Mo.
Mulvey, Chas. Mfg. Co., 18 S Jefferson, Chicago, Ill.
NATIONAL SUPPLY CO., 7 W Lombard, Baltimore, Md. (See adv. index, end of book)
New Castle Forge & Bolt Co., New Castle, Pa.
Old Dominion Iron & Nail Works Co., Richmond, Va.
Oliver Iron & Steel Co., Pittsburg, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Penna. Iron Co., Lancaster, Pa.
Republic Iron & Steel Co., General Offices, First National Bank bldg, Chicago. District Sales Offices, Buffalo; Cleveland, O.; Birmingham, Ala.; Manhattan Life bldg, New York; St. Louis; St. Paul, Minn.; Pittsburg, Pa., & Cincinnati, O.
Rockford Bolt Works, Rockford, Ill.
Scranton Bolt & Nut Co., Scranton, Pa., & 25 Broad, N. Y.
Solid Steel Tool & Forge Co., Farmers' Bank bldg, Pittsburg, Pa.
Standard Bolt & Mfg. Co. (Upset Work), Ft. Worth, Tex.
Steel Car Forge Co. (Upset or Plain Threaded), Pittsburg, Pa. Works, Elwood City, Pa.

Rods (Truss)

(See Rods, Bridge & Roof.)

Rods (Umbrella)

Toledo Stamping Co., Toledo, O.

Rods (Upset)

American Iron & Steel Mfg. Co., Lebanon, Pa.
Continental Bolt & Iron Works, 23d & Union, Chicago, Ill.
Diamond State Steel Co., Wilmington, Del.
Fort Pitt Forge Co., 26th & Liberty av, Pittsburg, Pa.
Hoopes & Townsend Co., 1330 Buttonwood, Phila., Pa.
Michigan Bolt & Nut Works, ft Meldrum av, Detroit, Mich., & 135 Adams, Chicago, Ill.
New Castle Forge & Bolt Co., New Castle, Pa.
Old Dominion Iron & Nail Works Co., Richmond, Va.
O'Leary, Arthur J. & Sons Co., 103 Lake, Chicago, Ill.
Oliver Iron & Steel Co., Pittsburg, Pa.
Pittsburg Screw & Bolt Co., Pittsburg, Pa.
Rockford Bolt Works, Rockford, Ill.
Standard Bolt & Mfg. Co., Ft. Worth, Tex.

Rods (Ventilator Controlling)

Peters, Jas, & Son, 1934 N Front, Phila., Pa.

Rods (Watch Screw)

Kidd Bros. & Burgher Steel Wire Co. (Polished), Aliquippa, Pa.

Rods (Wire)

(See also Wire Mfrs. This list does not include firms who manufacture rods for their own consumption.)

Alabama Steel & Wire Co., Ensley, Ala., & Birmingham, Ala.
AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; 21 State, New York; Cleveland, O., & San Francisco Cal. (See adv. index, end of book)
Ashland Steel Co., Ashland, Ky.
Colorado Fuel & Iron Co., Denver, Colo., & 71 B'way, N. Y.
Cuyahoga Steel & Wire Co., Cuyahoga Falls, O.
Cuyahoga Wire & Fence Co., New Castle, Pa.
Dillon-Griswold Wire Co. (Steel & Iron), Sterling, Ill.
Grand Crossing Tack Co. (Bessemer & Open Hearth), S Chicago av & 19th, Chicago, Ill.
Illinois Steel Co., The Rookery, Chicago, Ill.
Kidd Bros. & Burgher Steel Wire Co. (Polished Steel Rods), Aliquippa, Pa.
Kokomo Wire & Nail Co. (Small), Kokomo, Ind.
McCoy & Linn (from Charcoal Iron), Milesburg, Pa.
NATIONAL WIRE CORPORATION, 114 Liberty, New York. (See adv. index, end of book)
Page Woven Wire Fence Co., Monessen, Pa., & Adrian, Mich., & 200 Monroe, Chicago, Ill.
Pittsburg Steel Co., 307 4th, Pittsburg, Pa.
Roebling's, Jno. A. Sons Co., Trenton, N. J.; 117 Liberty. N. Y., & Chicago, Ill.
Washburn Wire Co., Phillipsdale, R. I., & 118th & Harlem River, New York
Wickwire Bros., Cortlandt, N. Y.

Rods (Wood Saw)

Disston, Hy & Sons (Inc.), Tacony, Phila., Pa., & 75 W Wash'n, Chicago

Rods (Zinc)

Edes Mfg. Co., Plymouth, Mass.

Rods & Rams (Steel Hammer)

Bethlehem Steel Co., South Bethlehem, Pa.; & 100 B'way, New York

Roll Grinding & Corrugating

Acme Mill Works, Greensboro, N. C.
Barnard-Syphers Machinery Co., Spokane, Wash.
Barry-Wehmiller Machine Co., St. Louis, Mo.
Bollinger Bros., 133 1st av, Pittsburg, Pa.
Downie-Wright Mfg. Co., York, Nebr.
Harrisburg Roll Grinding & Corrugating Co., Harrisburg, Pa.
Jackson Flour Mills Machinery Mfg. Co., Jackson, Mich.
Nashville Machine Co., Nashville, Tenn.
Portland Iron Works, Portland, Orc.
Rochester Roll, Grinding & Corrugating Co., 218 Mill, Rochester, N. Y.
Salina Roll Corrugating Machine Co., Salina, Kan.
Silver Bros. Iron Works Co., Salt Lake City, Utah
Starr, B. F. & Co., 445 North, Baltimore, Md.

Roll-Trains

United Engineering & Foundry Co., Pittsburg, Pa., & Youngstown, O.

Roller Bearings

(See Bearings, Roller.)

Roller Coasters

Ingersoll Construction Co., 307 4th av, Pittsburg, Pa.

Roller & Pulverizer Combined

Brooks & Stuckwisch, Indianapolis, Ind.
Bucher & Gibbs Plow Co., Canton, O.
Fulton Machine Co. (The Cyclone), Canal Dover, O.
Macgowan & Finigan, St. Louis, Mo.
Ohio Cultivator Co. (Sizes 6, 7½, 9, 12 ft.), Bellevue, O.
Peterson Mfg. Co., Kent, O.

Rollers (Asphalt Hand)

CONTRACTORS' TOOL CO., 704 Arch. Phila., Pa. (See adv. index, end of book)

Rollers (Barn Door)

Cheney, S. & Son, Manlius, N. Y.
Wrightsville Hardware Co., Wrightsville, Pa.

Rollers (Bogie)

Bethlehem Foundry & Machine Co. (Up to 4 Ton), South Bethlehem, Pa.

Rollers (Concrete)

RANSOME CONCRETE MACHINERY Co., 11 B'way, New York. (See adv. index, end of book)

Rollers (Copper Printing)

(See Textile Machinery, etc.)

Rollers (Forming)

Ayars Machine Co. (For Can Making, etc.), Salem, N. J.

Rollers (House Movers')

Temple Pump Co., 27 W 15th pl, Chicago, Ill.

Rollers (Land & Field)

Allen, E. R., Corning, N. Y.
Almy, Samuel & Son, Trumansburg, N. Y.
American Road Machine Co., Kennett Square, Pa.
Ames Plow Co., Quincy Hall, Boston, Mass.
Arnold's, W. G. Son, Iona, Mich.
Avery, B. F. & Sons, Louisville, Ky.
Barley, Thos. K., Sedalia, Mo.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Bradley, David Mfg. Co., Bradley, Ill.
Brennan & Co., Louisville, Ky.
Brooks & Stuckwisch, Indianapolis, Ind.
Bucher & Gibbs Plow Co. (Imperial T Bar, Solid Facc), Canton, O.
Buch's, A. Sons, Elizabethtown, Pa.
Buffalo-Pitts Co., Buffalo, N. Y.
Burr, E. M. Co., Champlain, Ill.
Clipper Plow Co., Defiance, O.
Comstock, Geo. S. (Steel & Wood, Double), Mechanicsburg, Pa.
Cooley Bros. (Miller Steel), Richmond, Mich.
Daverkosen, H., Janesville, Wis.
Davis Mfg. Co., Flushing, Mich.
Deats, Hiram, Jr., Pittstown, N. J.
Deuscher, H. P. Co., Hamilton, O.
Donaldson Bros. (Iron & Wooden), Mt. Clements, Mich.
Dunham, J. W. & Son (Steel Frame Pulverizer), Berea, O.
Everts & Andrews, Mendia, N. Y.
Fulton Machine Co., Canal Fulton, O.
Gale Mfg. Co., Albion, Mich.
Genesee Valley Mfg. Co., Mt. Morris, N. Y.
Gowanda Agricultural Works Co., Gowanda, N. Y.
Greencastle Mfg. Co., Greencastle, Pa.
Harder Mfg. Co., Cobleskill, N. Y.
Harrison, W. R. & Co., Massillon, O.
Hazen, W. S. & Marshall, Ripon, Wis.
Hench & Dromgold Co., York, Pa.
Hickok, Mull & Hill Co., Toledo, O.
Howland Mfg. Co., Pontiac, Mich.
I. C. I. Co. (Combined Harrow & Roller), Annville, Pa.
Ionia Wagon Co., Ionia, Mich.
Johnson & Field Mfg. Co., Racine, Wis.
Keystone Farm Machinery Co. (Steel & Wooden), King & Walker Co., Madison, Wis.
Lansing Wheelbarrow Co., Lansing, Mich.
Lean, Roderick Mfg. Co. (Steel Land & Corn), Mansfield, O.
Lee, R. E., Almont, Mich.
Lehr Agricultural Co. (Steel Shell), Fremont, Ohio
Little, O. J., Deckertown, N. J.
Lovejoy, H. H. & Son, Cambridge, N. Y.
Macgowan & Finigan, St. Louis, Mo.
Martinsburg Foundry Co., Martinsburg, Pa.
Messinger Mfg. Co., Tatamy, Pa.
Monitor Mfg. Co., Minneapolis, Minn.
Munnsville Plow Co., Munnsville, N. Y.
New York Agricultural Co., 51 Cliff, N. Y., & Boonton, N. J.
Ohio Cultivator Co., Bellevue, O.
Osborne, D. M. & Co., Auburn, N. Y.
Patten & Stafford, Canastoga, N. Y.
Peek, S. H., E. Aurora, N. Y.
Peterson Mfg. Co., Kent, O.
Ripson, Wm. & Son, Youngstown, N. Y.
Rock Island Plow Co., Rock Island, Ill.
Schoepflin, Chas., Gardenville, N. Y.
Sellers, Edw., Oak Hall Station, Pa.
Sheer Engine Co., Lincoln, Ill.
Sherwin, E. C. & Son, Brandon, Wis.
Shumaker Bros. & Nixon, Castle, N. Y.
Standard Harrow Co., Utica, N. Y.
Sweet, Geo. Mfg. Co., Danville, N. Y.
Stewart, A. T. Co., Carnegie, Pa.
Tait, F. B. Mfg. Co., Decatur, Ill.
Tanner, D. F., Holland, N. Y.
Thompson, J. & Sons Mfg. Co., Beloit, Wis.
Toledo Plow Co., Toledo, O.
Turner, Geo. O. P., Churchville, N. Y.
Van Buren, S. C., Carey, O.
Watkins Chilled Plow Co., Watkins, N. Y.
Weaver Mfg. Co., New Oxford, Pa.
Whitehurst, R. W. Co., Norfolk, Va.
Whitman Agricultural Works Co., St. Louis, Mo.
Wilder-Strong Implement Co., Monroe, Mich.
Willbaum Bros., Brookville, O.
Williams Bros., Ithaca, N. Y.
Woodhouse, J. S., 191 Water, N. Y.
Yorks, W. R., Honeoye Falls, N. Y.

Rollers (Lawn & Garden)

Allen, E. R., Corning, N. Y.
American Road Machine Co., Kennet Square, Pa.
Ames Plow Co., Quincy Hall, Boston, Mass.
Bausman, D. H., Bausman, Pa.
Bradley, David Mfg. Co., Bradley, Ill.
Brennan & Co., Louisville, Ky.
Dunham, J. W. & Son, Berea, O.
Foster, C. A. Novelty Co., Elkhart, Ind.
Gowanda Agricultural Works, Gowanda, N. Y.
Johnston & Field Mfg. Co., Racine, Wis.
Lansing Wheelbarrow Co., Lansing Mich.
Messinger Mfg. Co., Tatamy, Pa.
Mott, J. L. Iron Works, 88 Beekman, N. Y.
New York Agricultural Co., 51 Cliff, N. Y.
Palmer, O. F., Utica, N. Y.
Van Dorn Iron Works Co., Cleveland, O.
Westervelt, A. B. & W. J., 102 Chambers, N. Y.
Whitehurst, R. W. & Co., Norfolk, Va.
Whitman Agricultural Works Co., St. Louis, Mo.
Wilder-Strong Implement Co., Monroe, Mich.

Rollers (Paper Hangers')

Stortz, Jno. & Son, 210 Vine, Phila., Pa.

Rollers (Reversible Road)

Climax Road Machine Co., Marathon, N. Y.
National Drill & Mfg. Co., Pullman bldg, Chicago. Works, Barberton, O.
Pope Reversible Street Roller Co., 219 N 4th, St. Louis, Mo.
Scholl, Julian & Co., 126 Liberty, New York

Rollers (Road, Horse Power)

Acme Road Machinery Co., Frankfort, N. Y.
American Harrow Co., Detroit, Mich.
American Road Machine Co., Kennett Square, Pa.
Ames Plow Co., Quincy Hall, Boston, Mass.
Austin Mfg. Co., Manhattan bldg, Chicago, Ill., & Harvey, Ill.
Buffalo-Pitts Co., Buffalo, N. Y.
Climax Road Machine Co., Marathon, N. Y.
CONTRACTORS' SUPPLY & EQUIPment Co., Old Colony bldg, Chicago, Ill.; 170 B'way, New York, & 509 W 5th, Kansas City, Mo. (See adv. index, end of book)
Enterprise Mfg. Co., Columbiana, O.
Good Roads Machinery Co., Kennett Square, Pa.
Indiana Road Machine Co., Fort Wayne, Ind.
Pioneer Iron Works, 149 Pioneer, Brooklyn, N. Y.
Scholl, Julian & Co., 126 Liberty, N. Y.
Vulcan Iron Works, 63 Milwaukee av, Chicago, Ill.

Rollers (Rubber Covered)

Boston Belting Co., 256 Devonshire, Boston, Mass., & 100 Reade, New York

Rollers (Shade)

American Extensive Shade Roller Mfg. Co., Kewanee, Ill.
Edwards, O. M. Co. (Car, Window, etc.), Syracuse, N. Y.
Hartshorn-Stewart Co., Newark, N. J.
Keystone Shade Roller Co., Saginaw, Mich.
Michigan Shade Roller & Box Co., Bay City, Mich.

Rollers (Steam Asphalt)

KELLY-SPRINGFIELD ROAD ROLLer Co., Springfield, O. (See adv. below)

Rollers (Steam Golf Course)

KELLY-SPRINGFIELD ROAD ROLLer Co., Springfield, O. (See adv. below)

Rollers (Steam Road)

Acme Road Machinery Co., Frankfort, N. Y.
American Bridge & Scraper Co., Anderson, Ind.
American Road Roller Co. ("Oastler"), 156 5th av, N. Y. Works, Groton, N. Y.
Buffalo-Pitts Co., Buffalo, N. Y.
Climax Road Machine Co., Marathon, N. Y.
CONTRACTORS' SUPPLY & EQUIPment Co., Old Colony bldg, Chicago, Ill.; 170 B'way, New York, & 509 W 5th, Kansas City, Mo. (See adv. index, end of book)
CONTRACTORS' TOOL CO., 704 Arch, Phila., Pa. (See adv. index, end of book)
Erie Machine Shops, Erie, Pa.
Iroquois Iron Works, Buffalo, N. Y.
KELLY-SPRINGFIELD ROAD ROLLer Co., Springfield, O. (See adv. below)
New Birdsall Co. (for Country Roads), Auburn, N. Y.
Pioneer Machine Works (Jas. Hartley, Prop.), 75 Delevan, Brooklyn, N. Y.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Russell & Co., Massillon, O.
Scholl, Julian & Co., 126 Liberty, N. Y.
SHAW, WILLIS, 171 Lasalle, Chicago, Ill. (See adv. index, end of book)
Vulcan Iron Works, 59 Milwaukee av, Chicago, Ill., & Toledo, O.

Rolling Mill Plants (Continuous)

Iroquois Machine Co., Providence, R. I., & 150 Nassau, N. Y.
Morgan Construction Co., Worcester, Mass.

Rolling Mills (Iron & Steel)

References following names indicate main or executive offices.
(For Brass & Copper Rolling Mills see Copper & Brass Sheet; also Tubing, Brass & Copper.)
(For sub-classifications of this industry, see Specific Article.)

ALABAMA

ANNISTON—Weller Rolling Mill & Forge Co. (Bar Iron & Forgings)
BIRMINGHAM—Alabama Steel & Wire Co. (Steel Wire, Rods, etc.)
Birmingham Rolling Mill Co. (Merchants' Bar Iron, etc.)
Republic Iron & Steel Co. (See Chicago, Ill.)
Sloss-Sheffield Steel & Iron Co.
Tennessee Coal, Iron & R. R. Co. (Steel Billets, Blooms, Slabs, Angles, Channels, Tees, Bar, Plates, Sheets, etc.)
ENSLEY—Alabama Steel & Wire Co. (See Birmingham, Ala.)
SHEFFIELD—Sheffield Rolling Mill Co. (Merchant Bar Iron, Soft Steel Bands and Hoops, etc.)
Sloss-Sheffield Steel & Iron Co. (See Birmingham, Ala.)

CALIFORNIA.

SAN FRANCISCO—Judson Mfg. Co. (Bar, Plate & Structural Iron & Steel, Shafting, Tacks, Nails, etc.), Howard & Beale

COLORADO

DENVER—Colorado Fuel & Iron Co. (Billets, Blooms, Iron & Steel Rails, Bars, Sheets, Angles, Channels, Tees, Plate Bands, Hoops, etc.)

CONNECTICUT

BRIDGEPORT—American Tube & Stamping Co. (Open Hearth Steel Billets, Hot & Cold Rolled Strip Steel, Crucible Steel for Springs, Cutlery, etc.)
Farist Steel Co. (Merchants' Steel of all kinds, excepting Sheets.)
NEW BRITAIN—**STANLEY WORKS** (Cold Rolled Strip Steel)
NEW HAVEN—National Steel & Wire Co. (Steel Wire, Rods, Nails, etc.; see New York)
National Wire Corporation (Operated by National Steel & Wire Co.)
New Haven Iron & Steel Co. (Bar Iron, Nut & Bolt Rods, etc.)
SOUTHINGTON—Aetna Nut Co. (Merchants' Bar Iron, Nuts, Washers, etc.)
UNIONVILLE—Union Rolling Mill Co. (Merchants' Bar Iron) See also Cleveland, O.

DELAWARE

MARSHALTON—Marshalton Iron & Steel Co. (Tin Plate, etc.)
NEWPORT—Marshall Iron Co. (Sheet Iron & Tin Plate)
WILMINGTON—Diamond State Steel Co. (Billets, Bar Steel, Muck Bar, Bolts, Nuts, Spikes, Tie Plates, Rivets, Rods, Screws, Turnbuckles, Washers, etc.)
Johnson Forge Co. (Bar Iron, Forgings, etc.)
McCullough Iron Co. (Sheet Iron & Steel, Black, Galvanized, Painted & Corrugated, Roofing & Siding)
Seidel & Hastings Co. (Charcoal Iron Boiler & Tank Plates, etc.)

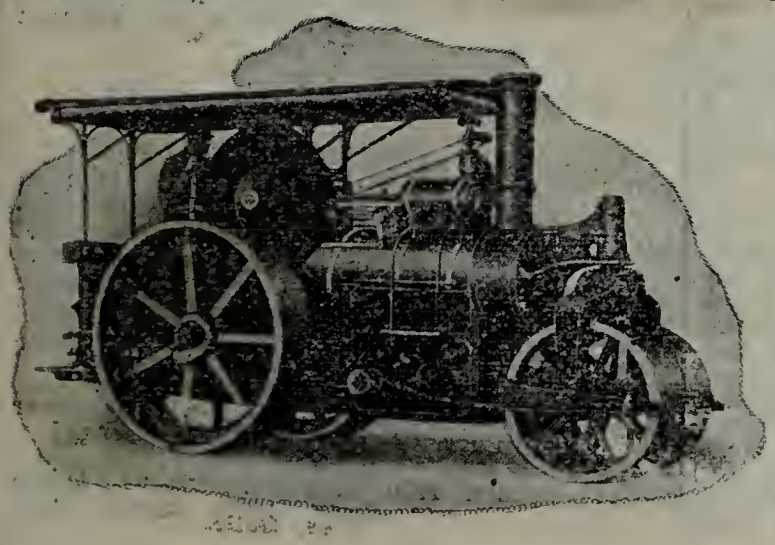
GEORGIA.

ATLANTA—Atlanta Steel Hoop Co. (Steel Bands, Hoops, Cotton Ties, Bars, etc.)

ILLINOIS

BELLEVILLE—Hartman, Hay & Reis (Cut Nail Mills, etc.)
CHICAGO—Aermotor Company (Wrought Iron Pipe), W 12th & Rockwell
American Rolling Mill Corporation (Merchant Bar Iron), Rookery bldg
American Steel & Wire Co. (Steel Wire, Rods & Nails, Spikes, Staples, Tacks, Barbed Wire, Bale Ties, Horse Shoes, Plates & Sheets of Open Hearth Steel, Shafting, Cold Drawn Steel, Poultry Netting, Wire Rope, Wire Hoops, Wire Springs, etc.), Rookery bldg
Emlyn Iron Works (Inc.) (Bar Iron, etc.), 138 Jackson boul
Grand Crossing Tack Co. (Bessemer & Open Hearth Steel Wire & Rods, Nails, Tacks, Rivets, Staples, etc.), S Chicago av & 79th
Illinois Steel Co. (Billets, Blooms, Steel Rails, Plates, Bars, Angles, Channels, Tees, etc.), Rookery bldg
Inland Steel Co. (Agricultural Steel, Steel Plow Beams, Bars, Angles, Channels, Tees, etc.), 119 Monroe

The Kelly-Springfield Road Roller Company



SPRINGFIELD, OHIO

Steam Road Rollers

All Kinds. **All Sizes.** **800 In Use.**

SEND FOR CATALOGUE.

International Harvester Co. (Iron & Steel consumed in their own works, for the manufacture of Agricultural Implements), 7 Monroe. Works, 16 Fullerton av
Republic Iron & Steel Co. (Bar Iron & Steel, Bolts, Screws, R. R. Spikes, Turnbuckles, Cold Rolled Steel, Angles, Channels, Tees, etc.), First National Bank bldg
CHICAGO HEIGHTS—Inland Steel Co. (See Chicago)
EAST ST. LOUIS—New Process Steel & Wire Co. (Barb Wire, Wire Nails, Wire Bale Ties, Iron Roofing, etc.)
St. Louis Steam Forge & Iron Works (Bar Iron & Forgings, etc.)
GRANITE—National Enameling & Stamping Co. (See New York)
KEWANEE—Western Tube Co. (Wrought Iron Pipe, etc.)
STERLING—Dillon-Griswold Wire Co. (Steel Wire, Rods & Nails)
WAUKEGAN—American Steel & Wire Co. (See Chicago)

INDIANA

ANDERSON—American Steel & Wire Co. (See Chicago)
ATLANTA—**AMERICAN SHEET & TIN** Plate Co. (See New York). (See adv. index, end of book)
Atlanta Rolling Mill & Tin Plate Co.
BRAZIL—Republic Iron & Steel Co. (See Chicago)
CRAWFORDSVILLE—Crawfordsville Wire & Nail Co. (Wire & Nails)
EAST CHICAGO—Emlyn Iron Works (Inc.) (See Chicago)
Republic Iron & Steel Co. (See Chicago)
ELWOOD—**AMERICAN SHEET & TIN** Plate Co. (See New York). (See adv. index, end of book)
Elwood Steel Co.
FORT WAYNE—Fort Wayne Iron & Steel Co. (Bar Iron & Steel)
GAS CITY—**AMERICAN SHEET & TIN** Plate Co. (See New York City). See adv. index, end of book)
GREENCASTLE—Juniata Steel & Iron Co. (Merchants' Bar, etc.)
INDIANA HARBOR—Inland Steel Co. (See Chicago)
KOKOMO—Kokomo Steel & Wire Co. (Steel Wire, Rods & Nails, etc.)
MUNCIE—American Rolling Corporation. (See Chicago)
AMERICAN SHEET & TIN PLATE Co. (See New York). (See adv. index, end of book)
Indiana Steel Wire Co. (Steel Wire, etc.)
Republic Iron & Steel Co. (See Chicago,
NEW ALBANY—Ohio Falls Iron Co. (Merchants' Bar & Staybolt Iron)
NEW CASTLE—Indiana Rolling Mill Co.
TERRE HAUTE—Highland Iron & Steel Co. (Merchants' Bar Iron & Steel)
VINCENNES—National Rolling Mill Co.

KENTUCKY

ASHLAND—Ashland Sheet Mill Co. (Sheet Iron & Steel)
Ashland Steel Co. (Bessemer Steel Billets & Slabs, Sheet Steel, etc.)
Norton Iron Works, Inc. (Cut Nail Mills,
COVINGTON—Licking Rolling Mill Co. (Sheet Iron, Plate Bars, Bands, Angles, Channels & Tees)
LOUISVILLE—Ewald Iron Co. (See St. Louis,
Louisville Bolt & Iron Co. (Bar Iron, Bolts,
NEWPORT—Newport Rolling Mill Co. (Merchant Bar & Sheet Iron, etc.)

MAINE

PORTLAND—Portland Iron & Steel Co. (Iron Angles, Channels & Tees)

MARYLAND

BALTIMORE—Baltimore Rolling Mill Co. (Bar Iron), 5th av & 2d
Maryland Steel Co. (Steel Billets, Rails & Pig Iron, etc.) (See also Phila., Pa.)
CUMBERLAND—Cumberland Steel Co. (Bar & Tinned Iron & Steel Wire) Steel, Crow Bars, etc.)
Maryland Rail Co. (Light Steel Rails, 12 to 35 lbs.)
Schoenthal Iron & Steel Co. (Light Steel Rails & Rail Joints, etc.) (See also Columbus, O.)
Taylor, N. & G. Co. (See Phila., Pa.)

MASSACHUSETTS

BOSTON—Sylvester Co. (Merchant Bar Iron, Railroad Iron & Splices, Railroad & Ship Spikes, New & Old Rails, Bolts, Tie Rods, Turnbuckles, Knees, Chairs, Pole Steps, Arm Braces, Forgings, etc.), 70 Kilby
Tremont Nail Co. (Percha Steel, Ingots, Slabs, Billets, Nail & Tack Plates & Nails & Spikes), 70 Kilby
CANTON—Kinsley Iron & Machine Co. (Bar Iron, etc.)
EAST BRAINTREE—Victor Metals Co. (Victor Metals, Plates, Bars, etc.)
HOLYOKE—Prentiss, Geo. W. & Co. (Bright
SOMERSET—Mount Hope Iron Co. (Cut Nail Mills, etc.)
SPENCER—Spencer Wire Co. (See Worcester,
WEST WAREHAM—Tremont Nail Co. (See Boston)
WORCESTER—American Steel & Wire Co. (Washburn & Moen Branch) See Chicago,
Morgan Spring Co. (Wire for all Purposes & Wire Nails, etc.)
Spencer Wire Co. (Iron & Bessemer Steel Wire of All Kinds; Fine Steel Wire a Specialty)
Wright Wire Co. (Annealed, Bright, Coppered, Tinned & Galvanized Wire)

MICHIGAN

DETROIT—American Car & Foundry Co. (See St. Louis, Mo.)
Railway Steel Spring Co. (See New York)
Seamless Steel Tube Co. (Boiler Tubes)
KALAMAZOO—Harrow Spring Co. (Milled Steel Bars & Spring Steel, etc.)
MUSKEGON—American Rolling Mill Corporation (See Chicago, Ill.)

MISSOURI

KANSAS CITY—Kansas City Bolt & Nut Co. (Bar Iron, Bolts, Nuts, etc.)
ST. LOUIS—American Car & Foundry Co. (Bar Iron, etc.), 706 Chestnut
Ewald Iron Co. (Merchant Bar & Staybolt Iron, etc.), 939 N 2nd
Granite Iron Rolling Mills (Owners, National Enameling & Stamping Co.), 3400 N 2nd
Helmbacher Forge & Rolling Mill Co. (Merchant Bar Iron & Forgings, etc.), 706 Chestnut
Hirsch Rolling Mill Co., Ecoff av & Mo. Pac. Ry.
Western Forge Co. (Bar Iron & Forgings), 520 Olive

NEW JERSEY

BELLEVILLE—Eastwood Wire Mfg. Co. (Steel Wire, etc.)
CHROME—Chrome Steel Works (Steel Plates, Angles & Bars, etc.)
DOVER—Ulster Iron Works (Merchant Bar & Staybolt Iron)
JERSEY CITY—Crucible Steel Co. of America (Spalding & Jennings, Branch). See Pittsburg, Pa.; also 71 B'way, New York
NEWARK—Atha, Benj. & Co. (Inc.) (Tool Steel)
OXFORD—Janson Steel & Iron Co. (Bar Iron & Steel)
PATERSON—Passaic Steel Co. (Steel Beams, Channels, Angles, Tees, High Grade Merchant Bar, etc.)
PERTH AMBOY—Pardee, C. Works (Planished Steel Bars, Round, Square, Flat, Hexagon for Shafting, Machine Rods, Keys, Guides, etc.)
PHILLIPSBURG—American Sheet Iron Co. (Sheet Iron)
POMPTON—Ludlum Steel & Spring Co. (Crucible Cast Steel & Car & Locomotive Springs)
TRENTON—Roebling, Jno. A. Sons Co. (Steel & Copper Wire & Steel Wire Rods & Nails, etc.)
Trenton Iron Co. (See New York)

NEW YORK

AUBURN—Osborne, D. M. & Co. (Agl. Implement Mfrs., etc.)
Tuttle, C. W. & Co. (Merchant Bar Iron)
BUFFALO—Lackawanna Steel Co. (Steel Billets, Blooms, Rails, Anchor Bars, etc.)
United States Tube Co. (Lap Welded Iron & Steel Boiler Tubes, Steam, Water & Gas Pipe), Ridge rd & Hamburg Turnpike
COHOES—Cohoes Rolling Mill Co. (Wrought Iron Pipe & Merchant Bar Iron)
CORTLAND—Wickwire Bros. (Wire, Nails, Rods & Staples, etc.)
LOCKPORT—Westerman & Co. (Set Screw Iron, etc., all Shapes)

NEW YORK CITY

Borough of Brooklyn

BROOKLYN—Igoe Bros. (Steel Wire & Nails), 226 N 9th
Miller & Van Winkle (Cold Rolled Steel & Steel Wire), 20 Bridge
Wurster, Frank & Co. (Iron & Steel Bars, Axles, etc.), 375 Kent av

Borough of Manhattan

NEW YORK—American Bridge Co. (Steel Beams, Angles, Channels, Tees, etc.), 100 B'way
AMERICAN SHEET & TIN PLATE Co. (Bessemer Open Hearth, Acid & Bastic Sheet Iron & Steel; Black, Planished, Polished, Galvanized & Corrugated, Cold Rolled Tin & Terne Plate, etc.), 24 State. (See adv. index, end of book)
Bethlehem Steel Co. (Steel Billets & Blooms, Armor Plate, Steel Bars, Light Rails, etc.), 100 B'way
Carpenter Steel Co. (Tool Steel & Steel Wire, etc.), 1 B'way. Works, Reading, Pa.
Crucible Steel Co. of America, 71 B'way. See Pittsburg, Pa.
National Enameling & Stamping Co. (Mfrs. Sheet Steel for their own consumption), 81 Fulton. Works, Granite, Ill.
National Steel & Wire Co. (Steel Wire, Rods & Nails, etc.), 114 Liberty
National Tube Co. (Wrought Iron Pipe & Tubes, etc.) See Pittsburg, Pa.; N. Y. Office, 24 State
Railway Steel Spring Co. (Bar Steel, Railway & Machinery Springs, etc.), 71 B'way
Trenton Iron Co. (Iron & Steel Wire of all kinds, Wire Rope, Bar Iron, etc.), 17 Battery Slip
United States Steel Corporation, 71 B'way
Washburn Wire Co. (Steel Wire, etc.), ft. E 118th & 26 Cortlandt

(END OF NEW YORK CITY.)

NORTH TONAWANDA—Tonawanda Iron & Steel Co.
ROME—Rome Merchant Iron Mills (Merchant Bar & Staybolt Iron, etc.)
SYRACUSE—Crucible Steel Co. of America (Sanderson Bros. Works, Tool Steel). (See Pittsburg, Pa.)
Eckels-Nye Steel Co. (Merchant Steel)
Sweets Steel Co. (Tool Steel)
TONAWANDA—Buffalo Steel Co. (Bessemer Steel Bars, Agricultural Steel, Angles, Channels, etc.)
TROY—Burden Iron Co. (Bar Iron, Horse Shoes, Boiler Rivets, etc.)

OHIO

CAMBRIDGE—American Sheet Steel Co.)See New York)
Cambridge Rolling Mill Co. (Bessemer Steel, Agricultural Shapes, Angles, Channels, Tees, Plow Beams & Plow Beam Billets, Harrow & Cultivator Bars, Light Rails, Merchant Bar Iron, etc.)
CANAL DOVER—American Sheet Steel Co. (See New York)
CANTON—Canton Crucible Steel Co. (Crucible Tool Steel)
Canton Steel Co. (Tool Steel, Lathe Tool & Self Hardening Steel, etc.) (See Pittsburg, Pa.)
Carnahan Tin Plate & Sheet Co. (Tin & Terne Plate & Sheet Steel for Tinning, etc.)
Stark Rolling Miii Co. (Sheet Iron & Steel, etc.)
United Steel Co. (Skelp, Slabs, Billets, Basic Open Hearth Steel Sheet Bar & Universal Plate)
CAMBRIDGE — **AMERICAN SHEET &** Tin Plate Co. (See New York). (See adv. index. end of book)
Cleveland Hardware Co. (Manufacture for their own consumption), Lake, Belden & Kirtland
Cleveland Steel Co. (Steel Plates & Sheets, etc.), ft of Wason
Empire Rolling Mill Co. (Bar Iron, etc.), Bessemer av & C. & P. R. R.
Federal Mfg. Co. (Cold Rolled Steel, etc.)
Lake Erie Iron Co. (Bar Iron, Bolts, Nuts, etc.), Wade bldg
Otis Steel Co. (Fire Box, Flange, Ship & Tank Plates, Steel Axles of all kinds, Steel Castings & Forgings, etc.), Lake c Lawrence
Republic Iron & Steel Co., Citizens' Bank bldg. (See Chicago, Ill.)
Union Rolling Mill Co. (Merchant Bar Iron, etc.), Aetna & C. & P. R. R.
COLUMBUS—Columbus Forge & Iron Co.
Schoenthal Iron & Steel Co. (Light Steel Rails, Rail Joints, etc.); Works, Cumberland, Md.
Standard Chain Co. (See Pittsburg, Pa.)
CUYAHOGA FALLS—Cuyahoga Wire & Fence Co. (Steel Wire, Rods & Nails, etc.)
Falls-Hollow Staybolt Co. (Hollow & Solid Staybolt Iron & Staybolts, etc.)
Independent Rolling Mill Co. (Iron & Steel Bar & Light Shapes)
ELYRIA—Columbia Steel Works (Cold Rolled Steel); Federal Mfg. Co., Cleveland, O., Owners
Elyria Iron & Steel Co.
IRONTON—Belfont Iron Works Co. (Cut Nail Mills, etc.)
LORAIN—Lorain Steel Co. (Girder Rails & Street Railway Track Materials, etc.)
MARTINS FERRY—Laughlin Nail Co. (See Wheeling, W. Va.)
MIDDLETOWN—American Rolling Mill Co. (Sheet Iron & Steel, Black & Galvanized, etc.)
NEW PHILADELPHIA — **AMERICAN** Sheet & Tin Plate Co. (See New York). (See adv. index, end of book)
NILES—**AMERICAN SHEET & TIN** Plate Co. (See New York). (See adv. index, end of book)
Carnegie Steel Co. (See Pittsburg, Pa.
Empire Iron & Steel Co. (Wrought Iron & Steel Sheets & Corrugated Sheets)
Niles Iron & Sheet Co. (Sheet Iron & Steel, Black & Galvanized, etc.)
NORWALK—Norwalk Steel & Iron Co. (Crucible Tool Steel, Hammered Soft Center Plow Steel, Soft Center Die & Hammered Blocks, Hammered Billets & Forgings, etc.)
PORTSMOUTH—Portsmouth Pressed Steel Co. (Pressed Steel)
Portsmouth Steel Co. (Bar Steel, etc.) See Wheeling, W. Va.
PIQUA—**AMERICAN SHEET & TIN** Plate Co. (See New York). (See adv. index, end of book)
SALEM—American Steel & Wire Co. (See Chicago, Ill.)
STEUBENVILLE—La Belle Iron Works (Pipe & Tube Mills, Steel Sheet Bar, Steel Skelp, Cut Nails, Spikes, Pig Iron, etc.)
TOLEDO—Republic Iron & Steel Co. (See Chicago, Ill.)
WELLSTON—Wellston Iron & Steel Co.
YOUNGSTOWN—Republic Iron & Steel Co. (See Chicago, Ill.)
Youngstown Bolt Co. (Bar Iron & Steel Shapes, Bolts, Nuts, Rivets, etc.)
Youngstown Iron, Sheet & Tube Co. (Iron & Steel Sheet, Black & Galvanized, Wrought Iron Pipe & Boiler Tubes, Muck Bar, Skelp, Pig Iron, etc.)
& Steel Sheet, Black & Galvanized, Wrought Iron Pipe & Boiler Tubes, Mnck Bar, Skelp, Pig Iron, etc.)
Youngstown Iron & Steel Roofing Co. (Sheet Iron & Steel, Black & Corrugated Roofing & Siding, etc.)
ZANESVILLE—Muskingum Valley Steel Co. Iron & Steel Sheets, Black, Plain & Painted Corrugated & "V" Crimped, Refined Iron Sheets & Electrical Sheets, etc.)
Zanesville Iron Co. (Iron Bars, Angles Channels & Tees, etc.)

PENNSYLVANIA

ALIQUIPPA—Crucible Steel Co. of America. (See Pittsburg)
Vulcan Crucible Steel Co. (High Grade Crucible & Acid Open Hearth Steel & Stcel Billets, etc.)
ALLEGHENY—American Steel Band Co., 109 Madison av
American Steel & Wire Co. (See Chicago, Ill.)
ALLENTOWN—American Steel & Wire Co. (See Chicago, Ill.)
ALTOONA—Altoona Iron Co. (Bands & Hoops)
AVONMORE—Alcania Company (Tin Plate). See Pittsburg, Pa.
AXLETON—Liggitt Spring & Axle Co. (Axles, Springs, etc.)
BEAVER FALLS—American Steel & Wire Co. (See Chicago)
Union Drawn Steel Co. (Cold Rolled Steel, Cold Drawn & Polished Steel Shafting, etc.)
BRADDOCK—Carnegie Steel Co. (See Pittsburg, Pa.)
Griswold Wire Co. (Wire & Bale Tics, etc.)
BRAEBURN—Braeburn Steel Co. (Fine Open Hearth Tool Steel, Spring, Hammer & Machinery Steel & Forgings, etc.)
BURNHAM—Logan Iron & Steel Co. (Bar & Staybolt Iron, Iron Angles, Crow Bars, Links & Pins, Drill Rods, etc.)
Standard Steel Works (Steel Tires & Axles, etc.)
BUTLER—Standard Steel Car Co. (See Pittsburg, Pa.)
CANONSBURG—Canonsburg Iron & Steel Co. (See Pittsburg, Pa.)
Standard Tin Plate Co. (Tin & Terne Plate)
CARNEGIE—Damascus Nickel Steel Co. (High Grade Tool & Machinery Bar Steel & Nickel Steel). See also Phila., Pa.
Superior Steel Co. (Cold & Hot Rolled Strip Steel)
CATASAUQUA—Johnson, Geo. (Est. of) (Rolling Mills)
CHESTER—National Tube Co. (See Pittsburg, Pa.)
South Chester Tube Co. (Wrought Iron Pipe & Tubes)
CLEARFIELD—Clearfield Iron & Steel Co. (Light Rails, Muck Bar, Skelp, etc.)
COATESVILLE—Coatesville Rolling Mill Co. (Wrought Iron Boiler Tubes)
Lukens Iron & Steel Co. (Steel Billets, Plates, etc.)
Worth Bros. Co. (Boiler & Tank Plate, Lap Welded Charcoal Wrought Iron Pipe, etc.)
CONSHOHOCKEN—Longmead Iron Co. Wrought Iron Pipe & Skelp Iron, etc.)
Wood, Alan Iron & Steel Co. (Black & Galvanized Sheet Iron & Steel, Locomotive Jacket Iron, Planished & Polished Steel Sheets & Steel Tank Plate, etc.) (See Phila., Pa.)
Wood, J. & Bros. Co. (Iron & Steel Sheets & Light Plates, Locomotive Jacket, Corrugated Bath Boiler, Gas Holder. Pickled Blue Annealed Tank & Electrical Sheet Iron & Steel, etc.)
CORRY—McInnes Steel Co. ("Extra" Air Hard Tool Steel & Forgings)
DANVILLE—Reading Iron Co. (See Reading. Pa.)
DEMMLER—Firth-Sterling Steel Co. (Tool Steel)
DORONA—**AMERICAN STEEL & WIRE** Co. (See Chicago) (See adv. index, end of book)
DUNCANNON—Duncannon Iron Co. (Merchant Bar Iron, etc.), See Phila., Pa.
ELLWOOD CITY—Shelby Steel Tube Co. (See Pittsburg, Pa.)
Standard Seamless Tube Co. (Seamless Boiler Tubes, etc.)
ETNA—Spang, Chalfant & Co. (See Pittsburg, Pa.)
FRANKLIN—Franklin Rolling Mill & Foundry Co. (Rolled Steel for Light Structural Work)
GLASSPORT—Pittsburg Steel Co. (See Pittsburg, Pa.)
Pittsburg Steel Hoop Co. (See Pittsburg, Pa.)
GREENVILLE—Shelby Steel Tube Co. (See Pittsburg, Pa.)
HARRISBURG—Bailey, Chas. L. & Co. (Inc.) (Cut Nail Mills, etc.)
Central Iron & Steel Co. (Iron & Steel Bridge & Boiler Plate, etc.)
Harrisburg Pipe & Pipe Bending Co.
Harrisburg Rolling Mill Co.
Lucknow Iron & Steel Co. (Steel Fire Box Plate, etc.)
HOLLIDAYSBURG—Eleanor Iron Co. (Merchant Bar Iron & Skelp, etc.)
Hollidaysburg Iron & Nail Co. (Bar Iron, Angles, Channels & Tees, Light Rails, Bands & Hoops, Cut Nails, etc.)
HOPE CHURCH—Monongahela Iron & Steel Co. (Carter Bar Iron & Low Phosphorous Melting Bar, Staybolt Iron, etc.)
JOHNSTOWN—Cambria Steel Co. (Steel Billets & Blooms, Rails, Beams, Angles, Channels & Tees, etc.) (See Phila., Pa.
Lorain Steel Co. (Light Rails & Street Railway Materials); also Lorain, O.
KITTANNING—Kittanning Iron & Steel Mfg. Co.
LANCASTER—Penn. Iron Co. (Bar Iron, Bolts, Nuts, etc.)
LATROBE—Latrobe Steel Co. (See Phila., Pa.)
LEBANON—American Iron & Steel Mfg. Co. (Merchant Bar Iron & Steel, Bolts, Nuts. Washers, Turnbuckles, Lag Screws, etc.)
Lackawanna Iron & Steel Co.
Lebanon Chain Works. (See Standard Chain Co., Pittsburg, Pa.)
Lebanon Valley Iron Co. (Bar Iron)
West End Rolling Mill Co. (Bar Iron, Chains, etc.)
LEECHBURG — West Leechburg Steel Co. (Sheet & Cold & Hot Rolled Steel)
McKEESPORT—Boston Iron & Steel Co. (See National Tube Co., Pittsburg, Pa.)
McKeesport Tin Plate Co. (Tin, Terne & Black Plate)
McKEES ROCKS—Kidd Bros. & Burgher Steel Wire Co. (Steel Wire, Polished Drill Rods, Polished Needle Wire, Black Steel Rods. etc.)
Lockhart Iron & Steel Co. (Bar, Bands & Hoops, Angles, Channels & Tees, etc.)
MIDDLETOWN—American Tube & Iron Co. (See National Tube Co., Pittsburg, Pa.)
MILTON—American Car & Foundry Co. (See St. Louis, Mo.)
Godcharles, F. A. Co. (Merchant Bar Iron, Cut Nail Mills, etc.)
Milton Iron Co. (Merchants' Bar Iron, etc.)
Milton Mfg. Co. (Merchant Bar Iron, Bolts, Nuts, Rivets, etc.)
MONACA—Colonial Steel Co. (See Pittsburg, Pa.)
Pittsburg Tool Steel Wire Co. (Drill Rods, Needle Wire, etc.)
MONESSEN — **AMERICAN SHEET &** Tin Plate Co. (Sce New York). (See adv. index, end of book)
Carnegie Steel Co. (See Pittsburg, Pa.)
Pittsburg Steel Co. (See Pittsburg, Pa.)
NEW BRIGHTON—Townsend, C. C. & E. P. (Steel Wire, Bolts, Nuts & Nails, etc.)
NEW CASTLE—**AMERICAN SHEET &** Tin Plate Co. (Sec New York)
American Steel & Wire Co. (See Chicago, Ill.)
Atlantic Iron & Steel Co. (Skelp Iron, etc.) (See Republic Iron & Steel Co., Chicago, Ill.)
Carnegie Steel Co. (See Pittsburg, Pa.)
Cuyahoga Wire & Fence Co. (Steel Wire, Rods & Nails). See Cuyahoga Falls, O.
Elliott, Blair Steel Co. (Bright Cold Rolled Strip Steel, etc.)
New Castle Forge & Bolt Co.
NORTHUMBERLAND—Van Alen & Co. (Cut Nail Mills, etc.)

PARKERSBURG—Parkersburg Iron Co. (Charcoal Boiler Tube, Iron Skelp)
PHILADELPHIA—American Bridge Co. (Steel Beams, Angles, Channels, Tees, Zees, Bar Steel, etc.), Penna. bldg
Cambria Steel Co. (Steel Beams, Bars, Angles, Channels, Tees, Cold Rolled Steel, etc.)
Consolidated Iron & Steel Co. (Bar Iron & Steel Bands, Hoops, etc.), Bullitt bldg
Damascus Nickel Steel Co. (High Grade Tool & Machinery Bar Steel & Nickel Steel), Phila. Bourse
Davis Bros. (Bar Iron, Angle Iron Up to 2 Inches, Spikes, etc.)
Disston, Henry & Sons, Inc. (Tool & Sheet Steel, Cold Rolled Strip Steel, etc.), Tacony
Foster, Alex. & Co. (Tool Steel), 2325 Spring Garden av
Frankford Steel Co. (Crucible & Open Hearth Sheet Steel & Bars for Tools, Files, Saws, Knives, Springs, etc.), Lewis & Tacony
Gaulbert & Caskey (Merchants Bar Iron, etc.), American & York
Hamilton's, Thos. Sons (Wire Mfrs., 1342 E Berks
Latrobe Steel Co. (Steel Locomotive & Car Wheel Tires, etc.), Girard bldg. Works, Latrobe, Pa.
Maryland Steel Co. (Steel Billets, Rails & Pig Iron, etc.), Girard bldg. Works, Sparrows Point, Md.
Midvale Steel Co. (Bar Steel, Billets, Bars, Rods, Spring Steel, etc.), Nicetown
Penna. Steel Co. (Steel Billets, Blooms, Beams, Angles, Channels, etc., Bar Steel & Railroad Specialties, etc.), Girard bldg
Phoenix Iron Co. (Open Hearth Steel by Acid & Basic Process, Beams, Angles, Channels, Deck Beams, Tee & ee Bars, Bulb Angles, Buckle Plates Round, Flat & Square Bars, Upset Eye Bars, etc.), 410 Walnut
Standard Steel Works (Steel Tires, Axles, etc.), Harrison bldg. Works, Burnham, Pa.
Susquehanna Iron & Steel Co. (Bar Iron & Steel, Bands & Pipe & Tube Mills), Girard bldg
Taylor, N. & G. Co. (Steel Sheets & Plates & Tin & Terne Plate Mfrs.), 409 Mariner
Wood, Alan Iron & Steel Co. (Basic Open Hearth Steel Billets, Slabs, Sheet Bars & Universal Mill Plates, Black & Galvanized Iron & Steel Sheets & Plates, Locomotive Jackets, Bath Boiler, Swede & Norway Sheets, Gas Holder, Corrugated, Pickled & Cold Rolled Sheets, Electrical Iron & Steel, Water Pipe & Light Plates), 519 Arch
PHOENIXVILLE—Phoenix Iron Co. (See Phila., Pa.)
PITTSBURG—Alcania Co. (Tin & Terne Plate), Murtland bldg
Allegheny Steel & Iron Co. (Sheet Steel & Sheet Bars), Farmers Bank bldg
AMERICAN SHEET & TIN PLATE Co., Frick bldg. (See New York City).
American Steel & Wire Co., Frick bldg. (See Chicago, Ill.)
Brown & Co. (Inc.) (Tool Steel, Refined Bar & Hammered Iron for Special Purposes), 10th & Duquesne Way
Byers, A. M. Co. (Inc.) (Wrought Iron Pipe, etc.), 235 Water
Canonsburg Iron & Steel Co. (Sheet Iron & Steel, Tin & Terne Plate, etc.), 421 Wood
Carbon Steel Co. (Open Hearth Steel, Billets, Blooms, Boiler & Bridge Plate, Nickel Steel, Car Axles & General Forgings, etc.), 32d & Smallman
Carnegie Steel Co. (Steel Billets & Blooms, Rails, Beams & Structural Shapes, Armor & Boiler Plate, etc.), Carnegie bldg
Clinton Iron & Steel Co. (Boiler Plate, etc.), West Carson
Colonial Steel Co. (Crucible & Open Hearth Steel in Bars, Sheets, Circular Plates, etc.), Keystone bldg
Columbia Bridge Co. (Polished Turned Steel Shafting, Forged Shafts & Cold Drawn Shapes, etc.), Park bldg
CRUCIBLE STEEL CO. OF AMERICA (Steel Billets, Blooms, Crucible Tool Steel, Merchant Bar Steel, Boiler & Tank Plate, Cold Drawn & Polished Steel Shafting, Cold Rolled Steel & General & Nickel Steel Forgings), Frick bldg
Dilworth-Porter & Co. (Merchant Bar Iron, Tie Plates, Railroad Spikes, etc.), German National Bank bldg
Follansbee Bros. Co. (Tin & Terne Plate), 3d & Liberty av
Interstate Iron Co. (Polished Sheet Steel, etc.)
Jones & Laughlin Steel Co. (Steel Billets & Blooms, Beams, Channels, Angles, Tees, Zees, Plates, Bars, Bands, Rails up to 40 lbs., Cold Rolled Shafting & Fittings, Chain, Rivets, Spikes, Forgings, etc.)
Liggett Spring & Axle Co. (Rolled Steel for their own consumption for the mfr. of Springs & Axles)
McClure Co. T(in & Terne Plate), 211 2d av
McKay, Jas. & Co. (Chains, etc.), 421 Wood
Mackintosh, Hemphill & Co., foot of 12th
Monongahela Tube Co. (Iron & Steel Boiler Tubes), Ferguson bldg
Morris & Bailey Co. (Cold Rolled Steel, etc.), German Natl. Bank bldg
National Tube Co. (Wrought Iron & Steel Pipe & Boiler Tubes, etc.), Frick bldg
Neal Bros. (Sheet Steel), 421 Wood
Ohio Valley Steel Foundry Co. (Sheet & Bar Steel & Steel Castings)
Oliver Iron & Steel Co. (Light Rails, Angles, Channels, Bolts, Nuts, etc.), S 10th & Muriel
Parkersburg Iron & Steel Co. (Steel Sheets & Plates, etc.), 421 Wood. (See also Parkersburg, W. Va.
Pittsburg Forge & Iron Co. (Merchant Bar & Staybolt Iron, etc.), 1542 Penn av
Pittsburg Seamless Tube Co. (Seamless Boiler Tubes), Arrott bldg
Pittsburg Steel Co. (Steel Wire, Rods & Nails, Steel Bands & Hoops, Staples, Cotton Ties, Barbed Wire, etc.), 307 4th av
Pittsburg Tube Co. (Boiler Tubes), 326 4th av
Pope Tin Plate Co. (Tin Plate), 421 Wood
Republic Iron & Steel Co., Frick bldg. (See Chicago, Ill.)
SCAIFE, WM. B. & SONS CO. (Iron & Steel Sheet, Black & Galvanized, Bars & Boiler Tank Plates), 221 1st av. (See adv. index, end of book)
Sligo Iron & Steel Co. (Bar Iron & Boiler & Tank Plate), W Carson
Spang, Chalfant & Co. (Inc.) (Pipe & Tube Mills, Bar Iron & Steel, etc.), 307 4th av
Standard Chain Co. (Chains of all kinds, Light Rails, etc.), 301 Ross
Standard Steel Car Co. (Steel Cars), Frick bldg
West Leechburg Steel & Tin Plate Co. (Hot & Cold Rolled Strip Stcel). Works, West Leechburg, Pa.
Westmoreland Steel Co. (Tool Steel), 424 4th av
Zug & Co. (Ltd.) (Sheet Steel, Black & Galvanized & Blacksmith & Machinery Bars, etc.), 13th & Etna
POTTSTOWN—Ellis & Lessig Steel & Iron Co. (Cut Nail Mills, etc.)
Glasgow Iron Co. (Steel Plates)
Potts Bros. Iron Co. (Iron & Steel Plate Sheet & Skelp Iron, etc.)
POTTSVILLE—Eastern Steel Co. (Steel Beams & Structural Shapes, Bridge Plate, etc.). See also Phila., Pa.
READING—American Iron & Stecl Mfg. Co. (See Lebanon, Pa.)
Carpenter Steel Co. (Tool Steel)
Reading Iron Co. (Merchant Bar, Light Rails, Wrought Iron Pipe, Staybolt Iron, Boiler & Tank Plate, etc.)
Seyfert, Sam'l R. & Bro. (Bar Iron, Boiler & Tank Plate, etc.)
Seyfert, Simon (Est. of) (Light Rails, Bar Iron & Boiler & Tank Plate, etc.)
SCHUYLKILL HAVEN—Schuylkill Haven Rolling Mills, F. H. Clement Co. (Merchant Bar Iron, etc.)
SCOTTDALE — **AMERICAN SHEET &** Tin Plate Co. (See New York). (See adv. index, end of book)
SCRANTON—Scranton Bolt & Nut Co. (Bar Iron, Bolts, Nuts, etc.)
SHARON—**AMERICAN STEEL & WIRE** Co. (See Chicago) (See adv. index, end of book)
Carnegie Steel Co. (See Pittsburg, Pa.)
National Steel Co. See Pittsburg, Pa.
Republic Iron & Steel Co. See Chicago.
Sharon Steel Hoop Co. (Steel Bands & Hoops, Bar & Sheet Steel, etc.)
Stewart Iron Co.
Wilkes Rolling Mill Co. (Sheet Iron & Steel, Merchant Bar Iron)
SHARPSBURG—Globe Wire Co. (Steel Wire, etc.)
Moorhead Bros. & Co., Inc. (Wrought Iron Pipe)
SLATINGTON—Slatington Rolling Mill Co. (Merchant Bar Iron)
SOUTH BETHLEHEM—Bethlehem Steel Co. (Steel Billets & Blooms, Armor Plate, Steel Bar, Light Rails, etc.)
STEELTON—Penna. Steel Co. (See Philadelphia, Pa.)
TITUSVILLE—Burgess, Chas. Cyclops Steel Works (Refined Hammered Bar Iron)
TYRONE—Eleanor Iron Co. (See Hollingsburg, Pa.)
WASHINGTON—Griffiths Charcoal Iron Mill (Tin Plate, Charcoal Iron Sheets, etc.)
Jessop Stel Co.
McClure Co. (See Pittsburg, Pa.)
Tyler Tube & Pipe Co. (Pipe & Tube Mills)
WAYNESBURG—Griffith, W. H. Co. (Tin Plate & Black Sheets for Tinning)
Waynesburg Forge Sheet & Tin Mills (Iron & Soft Steel Sheets)
Waynesburg Pressed Steel Co.
WHEATLAND—Shenango Iron & Steel Co.
WILLIAMSPORT—Williamsport Iron & Nail Co. (Bar Iron & Cut Nails, etc.)
WYOMING—Wyoming Shovel Works (Steel Sheets & Light Plates & Shovel Mfrs.)

RHODE ISLAND.

PHILLIPSDALE—Washburn Wire Co. (Steel Billets, Steel Wire Rods & Nails, etc.)

TENNESSEE

BRISTOL—Virginia Coal, Iron & Coke Co. (Steel Billets & Blooms)
KNOXVILLE—Knoxville Iron Co. (Light Rails, Merchant Bar Iron)

VIRGINIA

RADFORD—Virginia Iron, Coal & Coke Co.
RICHMOND—Old Dominion Iron & Nail Works Co. (Iron Bands & Hoops, Bar, Staybolt Iron, etc.)
Tredegar Co. (Merchant Bar Iron)

WASHINGTON

LAKEVIEW—Seattle Steel Co.
SEATTLE—Seattle Steel Co.
Vulcan Iron Works

WEST VIRGINIA

CLARKSBURG—Jackson Iron & Tin Plate Co. (Tin & Terne Plate & Sheet Steel)
FAIRMOUNT—Fairmount Steel Co. (Light Rails Up to 50 Pounds)
PARKERSBURG—Parkersburg Iron & Steel Co. (Bar & Sheet Iron & Steel). (See Pittsburg, Pa.)
WHEELING—Laughlin Nail Co. (Bessemer & Open Hearth Sheet Steel, Black, Galvanized & Corrugated, Spikes, Shovels, etc.)
Portsmouth Steel Co. (Steel Billets, Slabs, Boiler Plate Bar, Angles, Channels, etc.)
Wheeling Corrugating Co. (Whitaker Works) (Iron & Steel Sheet)
Wheeling Steel & Iron Co. (Steel Billets & Blooms, Iron & Steel Sheets, Skelp, Muck, Bar, Nails, Spikes & Wrought Iron & Steel Pipe)
Whitaker Iron Co. (Sheet Iron & Steel)

WISCONSIN.

ASHLAND—Ashland Iron & Steel Co.
CEDARBURG—Cedarburg Wire, Wire Nail & Screw Co. (Wire, Nails & Screws, etc.)
MILWAUKEE—Illinois Steel Co. (See Chicago, Ill.)
SOUTH MILWAUKEE—Eagle Horse Shoe Co. (Bar Iron & Horse Shoes)
WAUKESHA—Waukesha Sheet Steel Co. (Sheet Steel, Black & Galvanized)

Roll Trains

United Engineering & Foundry Co., Farmers' Bank bldg, Pittsburg, Pa., & Youngstown, Ohio

Rolls (Beam Bending)

Lewis Foundry & Machine Co., 1001 Bingham, Pittsburg, Pa.

Rolls (Bending & Straightening)

Bertsch & Co. (Hand or Power for Plates, Sheets, Angles, Angle Iron, etc.), Cambridge City, Ind.
Bethlehem Foundry & Machine Co. (Combined Belt or Hand Power), South Bethlehem, Pa.
Betts Machine Co., Wilmington, Del.
Cincinnati Punch & Shear Co., Cincinnati, O.
Cleveland Punch & Shear Works Co. (Plate), 156 Case av, Cleveland, O.
Diamond Drill & Mach. Co., Birdsboro, Pa.
Eastern Forge Co. of Mass., 70 Kilby, Boston
Long & Allstatter Co. (Tire Bending, etc.), Hamilton, O.
Hilles & Jones Co., Wilmington, Del.
Lewis Foundry & Machine Co., Pittsburg, Pa.
Morgan Engineering Co. (Plate, etc.), Alliance, Ohio
New Doty Mfg. Co., Janesville, Wis.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Niles-Bement-Pond Co., Main Office, 136 Liberty, N. Y. Works: Hamilton, O.; Phila., Pa., & Plainfield, N. J.
Phila. Roll & Machine Co. (Hand & Belt Power, Plate, etc.), S 23d & Wash'n av, Phila., Pa.
Pittsburg Mfg. Co., 28th & R. R., Pittsburg, Pa.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.
United Engineering & Fdy. Co., 54th & Av Ry, Pittsburg, Pa.
Whiting, Geo. Co., 428 N Halsted, Chicago, Ill.
Wickes Bros. (Plate, etc.), Saginaw, Mich.

Rolls (Blue Print)

Continental Rubber Works, Erie, Pa.
Lovell Mfg. Co. (and for Mechanical Work), Erie, Pa.

Rolls (Caster)

Kline, Lewis T. (Wood), Alpena, Mich.

Rolls (Chilled Calender)

Currier, Cyrus & Son, Newark, N. J.
Emerson Mfg. Co., Lawrence, Mass.
Farrell Foundry & Machine Co., Ansonia, Conn.
Garrison, A. Fdy. Co., 9th & Bingham, S S, Pittsburg, Pa.
Holyoke Machine Co. (Chilled Iron, Paper, Cotton & Husk), Holyoke & Worcester, Mass.
Kitson Machine Co., Lowell, Mass.
Lobdell Car Wheel Co., Wilmington, Del.
Perkins, B. F. & Son (Splined Paper Calender), Holyoke, Mass.
Poole, J. Morton Co., Wilmington, Del.
Pusey & Jones Co., Wilmington, Del.
Rice, Barton & Fales Machine & Iron Co., Worcester, Mass.
Sandy Hill Iron & Brass Works, Sandy Hill, N. Y.

Rolls (Cornish)

Coldwell-Wilcox Co., Newburgh, N. Y.

Rolls (Crimping & Corrugating)

(See also Machinery, Sheet Metal Workers'.)

Bertsch & Co., Cambridge City, Ind.
Bethlehem Foundry & Machine Co. (For Heavy Sheet Metal), South Bethlehem, Pa.
Bliss, E. W. Co., 17 Adams, Brooklyn, N. Y.
Keene, Geo. C. & Co., 2327 Florence, Cincinnati, O.
New Doty Mfg. Co., Janesville, Wis.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Poorman Mfg. Co., Piqua, O.
Robinson, J. M. Mfg. Co., 2d & Central av, Cincinnati, O.

Rolls (Crushing)

Allis-Chalmers Co. Office: Home Ins. bldg, Chicago, Ill. Works: Chicago, Milwaukee & Scranton, Pa.
Bonmot Co. (Clay, etc.), Canton, O.
Colorado Iron Works Co., Denver, Col.
Cresson, Geo. V. Co., Allegheny av, W of 17th. Phila., Pa., & 141 Liberty, New York
Davis, F. M., Iron Works Co., Denver, Col.
Denver Engineering Works Co. (Without Springs), Blake & 30th
Farrell Foundry & Machine Co., Ansonia, Conn.
Fritsch, Arthur Foundry & Machine Co., 216 Gratiot, St. Louis, Mo.
Hamilton, Wm., Mfg. Co., Peterborough, Ontario, Canada
Hoagland's, M. Sons Co., Rockaway, N. J.
Krom Machine Works, 10 Essex, Jersey City, N. J.
Marquette, Jno. N., 118 W Falls av, Baltimore, Md.
Mine & Smelter Supply Co., Blake & 17th, Denver, Colo.; Salt Lake City, Utah; 136 Liberty, N. Y.; El Paso, Texas. Works, Pueblo, Colo.
Montgomery, J. H. Machinery Co., 1220 Curtis, Denver, Colo.
Philadelphia Roll & Machine Co., S 23d & Wash'n av, Phila., Pa.
Power & Minng Machinery Co., 52 William, New York. Works, Cudahy, Wis.
Scaife Foundry & Machine Co., Pittsburg, Pa.
South St. Louis Foundry, 7516 S B'way, St. Louis, Mo.
Stearns, Roger Mfg. Co., 1718 California, Denver, Col
Stedman's Foundry & Machine Wks., Aurora, Ind.

Rolls (Dandy)

Bigelow, Cheney, Wire Works, Springfield, Mass.
Brown & Sellers Co., Holyoke, Mass.
Buchanan & Bolt Wire Co., Holyoke, Mass.
Eastwood Wire Mfg. Co., Belleville, N. J.
Gleeson, Thos. E., 411 John, East Newark, N. J.
Globe Wire Co., Harrison, N. J.
Smith, C. H. & Co., Holyoke, Mass.

Rolls (Fluted)

NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)

Rolls (Forged Steel)

Pittsburg Shear, Knife & Machine Co., Pittsburg, Pa.
Trethewey, Samuel & Co. (Ltd.) (Hardware), 47th near Butler

Rolls (Forging & Tapering)

Ajax Mfg. Co., Cleveland, O.

Rolls (Grinding)

Poole, J. Morton Co. (Paper Mill, etc.), Wilmington, Del.
Sandy Hill Iron & Brass Works (For Paper Mills), Sandy Hill, N. Y.

Rolls (Grinding & Corrugating)

Nordyke & Marmon Co., Indianapolis, Ind.

Rolls (Hand & Belt Power, Bending)

NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Whitcomb Mfg. Co., Worcester, Mass.

Rolls (Jewelers)

Philadelphia Roll & Machine Co., S 23d & Wash'n av, Phila., Pa.

Rolls (Lime)

Union Iron Works Co., Selma, Ala.

Rolls (Live)

Southern Engine & Boiler Works (Inc.), (For Saw Mills), Jackson, Miss.

Rolls (Plate Bending)

(See Rolls, Bending & Straightening.)

Rolls (Rubber)

Boston Belting Co. ("Forsyth"), 256 Devonshire, Boston, Mass., & 100 Reade, N. Y.
Clark, Geo. P. Co. (For Scouring), Windsor Locks, Conn.
Continental Rubber Wks., Erie, Pa.
Lake Shore Rubber Co. (Wringer), Erie, Pa.
Lovell Mfg. Co. (For Laundries, Woolen Mills, Tanneries, etc.), Erie, Pa.
Manhattan Rubber Mfg. Co., 18 Vesey, N. Y., & Passaic, N. J.
Republic Rubber Co., Youngstown, O.
Revere Rubber Co. (& Rubber Covered), 77 Bedford, Boston, Mass; 59 Reade, New York; Phila., Pa.; Chicago, Ill., & San Francisco, Cal.

Rolls (Sand, Chilled & Steel)

(See also Machinery, Rolling Mill.)

Black & Clawson Co., Hamilton, O.
Birmingham Iron Foundry (Sand & Chilled Only), Derby, Conn.
Blake & Johnson (Hardened Steel & Chilled Iron), Waterbury, Conn.
Braddock Machine & Mfg. Co. (Sand & Chilled), Braddock, Pa.
Canton Roll & Machinery Co. (Sand Chilled & Semi-Steel), Canton, O.
Centre Foundry Co. (Sand), Wheeling, W. Va.
Davenport Foundry & Machine Co. (Sand & Chilled Only), Davenport, Ia.
Farrell Foundry & Machine Co. (Chilled & Sand), Ansonia, Conn.
Garrison, A. Foundry Co. (Chilled), 9th & Bingham, Pittsburg, Pa.
Hogg, Geo. A., Iron & Steel Foundry Co. Chilled, Sand, Steel & Semi Steel), 24th & R. R., Pittsburg, Pa.
Hyde Park Foundry & Machine Co. (Sand & Chilled), Hyde Park, Pa., & Frick bldg, Pittsburg, Pa.
Lewis Foundry & Machine Co. (Sand & Chilled), 1001 Bingham, Pittsburg, Pa.
Lobdell Car Wheel Co. (Sand & Chilled), Wilmington, Del.
Mackintosh, Hemphill & Co. (Steel Only), ft 12th, Pittsburg, Pa.
Mesta Machine Co., Lewis blk, Pittsburg, Pa.
Phila. Roll & Machine Co., S 23d & Wash'n av, Phila., Pa.
Phillips, F. R. & Sons Co., Penna bldg, Phila., Pa.
Pittsburg Steel Foundry Co., Pittsburg, Pa.
Reading Iron Co., Reading, Pa.
Riverside Iron Foundry Co., Cleveland, O.
Seaman-Sleeth Co. (Sand & Chilled Only), 41st & A. V. Ry., Pittsburg, Pa.
Townsend Foundry & Machine Shop Co. (Soft & Chilled Only), Albany, N. Y.
Trethewey, Samuel & Co. (Ltd.), 47th st., nr Plummer, Pittsburg, Pa.
United Engineering & Foundry Co. (Hardened & Forged), Farmers' Bank bldg, Pittsburg, Pa., & Youngstown, O.
Waterbury Farrell Foundry & Machine Co. Sand Chilled & Semi-Steel), Avonmore, Pa.
West Penn Foundry & Machine Co. (Sand, Chilled & Semi-Steel), Avonmore, Pa.
Wetherill, Robert & Co., Chester, Pa.

Wheeling Mold & Foundry Co. (Sand & Chilled), Wheeling, W. Va.
Youngstown Foundry & Machine Co. (Sand, Chilled, Semi-Steel), Youngstown, O.

Roof Joint

Parker, E. L. & Co. ("Reese Patent," Water Tight, Expanding, etc.), Baltimore, Md.

Roof Putty

FRENCH, SAMUEL H. & CO., 4th & Callowhill, Phila., Pa. See adv. index, end of book)
MILWAUKEE CORRUGATING CO. (Jobbers), Milwaukee, Wis. (See adv. index, end of book)

*Roof Snow Guards

AMERICAN SLATE CO. (Inc.), Board of Trade bldg, Boston, Mass. (See adv. index, end of book)
BROWNVILLE MAINE SLATE CO. ("The Worcester"), Worcester, Mass. (See adv. index, end of book)
Clark, Emri W., 12 Tyler, Nashua, N. H.
CLASON ARCHITECTURAL METAL Co. (Inc.), 428 Kinsley av, Providence, R. I. (See adv. below)
Cleveland Wire Spring Co., Wasson & Hamilton, Cleveland, O
Folsom Snow Guard Co., 44 Kittredge, Boston, Mass.

GILMAN SNOW GUARD
103 Merrimac, Boston, Mass. (See adv. below)

HUNGERFORD, U. T. BRASS & Copper Co. (The "Gilman" Copper & Galvanized Iron), 497 Pearl, New York
Niksah Co., 26 Alaska, Boston, Mass.
Wright Wire Co., Worcester, Mass.

Roofers (Plastic Slate)

Aeolian Plastic Slate Roofing Co. (Tile, Brick & Slate Paved Roofs), 163 W 23d, New York
Biden, Jas., c Pratt & Parkin, Baltimore, Md.
Casmento Roofing Co., 160 5th av, New York
Foy, Edw. L. & Co., 16 W Camden, Baltimore, Md.
Griffin Roofing Co., 62 10th av, N. Y.
Laura, John & Co., 160 5th av, N. Y.
Noble, H. & Co., 18 S Gay, Baltimore, Md.
WRIGHT WIRE CO., Worcester, Mass. (See adv. index, end of book)

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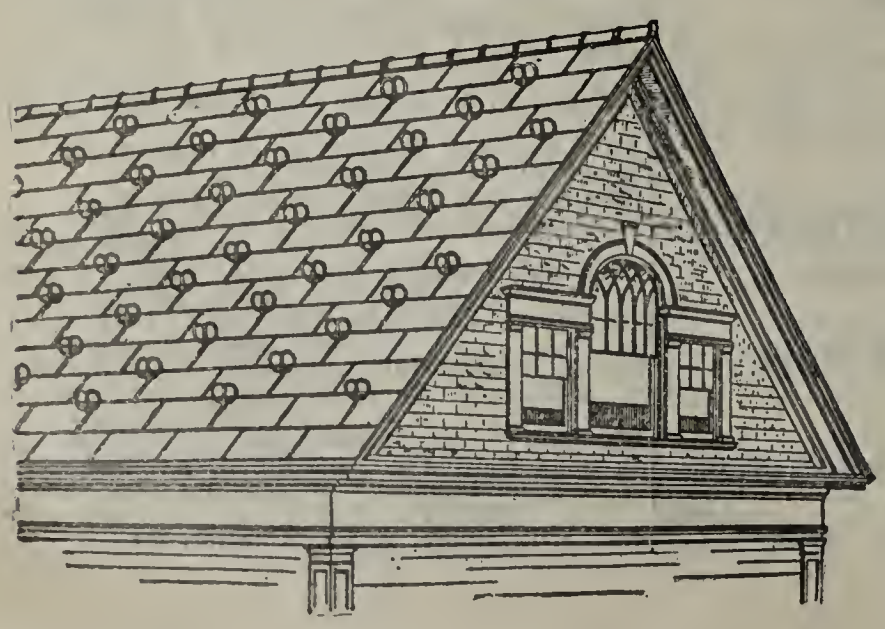
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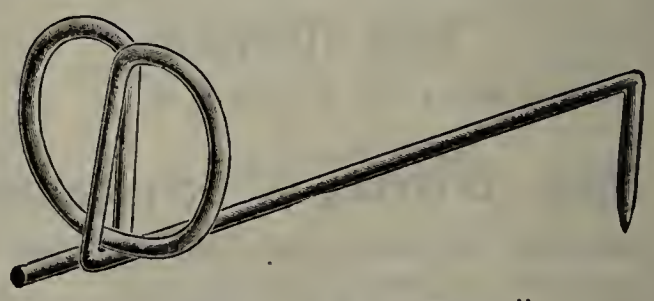
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ALABAMA.

ALEXANDER CITY—Turner, T. B.
ANNISTON—Anniston Supply Co. (Slate, Metal & Gravel)
ATHENS—Le Grand, S. E.
BESSEMER—Bessemer Cornice Works (Slate & Metal Comp.)
BIRMINGHAM—Ala Metal Roofing Co., Chalifoux bldg
Bain, C. A.
Birmingham Paint & Roofing Co., 1317 av D
East Birmingham Iron Roofing & Cor. Co.
Heaven, Geo. & Co.
Spiro, S. (Slate, Metal, etc.), 1920 3d av
WHEELOCK, GEO. F. CO. (Slate & Metal),
BRIERFIELD—McCollum, W. W.
DECATUR—Brown, W. A. (Slate & Metal)
DEMOPOLIS—Braswell Hdw. Co.
EAST BIRMINGHAM—(See Birmingham)
GADSDEN—Gadsden Roofing & Cornice Co.
GREENVILLE—Dunklin, J. H. & Co.
Johnson, J. F. Hdw. Co.
HUNTSVILLE—Dreger, Oscar
JACKSONVILLE—Nesbitt, Walter
MARION—Mitchell, Thos. C.
MOBILE—Cunningham Hardware Co.
Gomez & Green
McMillin Bros. Co.
Partridge, C. S. Hardware Co. (Metal & Slate)
Phelan, Nicholas (Slate & Metal)
Pope, John A. (Slate & Metal)
Robinson, Geo. A. Contracting Co. (Composition, etc.)
Russell & Williamson
Tillson, Walter
White & Benson
Wintergerst, C., 555 Dauphin
MONTGOMERY—Flood, D. F.
Kennedy Co.
Kernell, Thos. M.
Wilson, J. B. Roofing Co.
NEW DECATUR—Decatur Cornice & Roofing Co. (Slate & Metal)
OPELIKA—Benton, J. F.
PRATT CITY—Merrell, Lee
ROANOKE—Neal, F. A.
SELMA—Roisman, H.
TALLADEGA—Michael Supply Co. (Metal, Gravel, etc.)
TROY—Jolly, Mrs. A. E. & Co.
TUSCALOOSA—Barnes, W. J.
Hinton & Willingham
Robertson, J. R.
Seed, W. D. & Co.
TUSCUMBIA—Halsey, W. G. & H. L.
UNION SPRINGS—Anderson, F.
UNIONTOWN—Brown, James J.

ARIZONA.

BISBEE—Ord, E. G. Co.
GLOBE—McNeil, J. P.
PHOENIX—Burtis, D. H.
Evans, Wm.
Thoman, A. J.
PRESCOTT—Brown Bros.
Kiehl, E.
TEMPE—McLean, J. W.
TUCSON—Corbett, W. J. (Iron)
Gardiner, Worthen & Gross Co. (Steel)
Julian, W. A. Co.
Tucson Hdw. Co.
YUMA—Milton, Jas.

ARKANSAS.

ARGENTA STATION—Gerard, Jos.
BATESVILLE—**BAKER, G. A.**
Rosenthal, C. T.
BRINKLEY—Rider, W.
CORNING—Bailey, C. L.
DARDANELLE—Goodier, Joe
EUREKA SPRINGS—Lloyd, W. J.
FOREST CITY—Hodges, Sam
FORT SMITH—Ft. Smith Cornice & Plumbing Co. (Slate, Metal & Gravel), 16 N 5th
GENTRY—Miller, A. J.
HELENA—Helena Tin & Plumbing Co.
HOPE—Halliburton, C.
McRae, K. G.
HOT SPRINGS—Williams & Schweder
JONESBORO—Christian, W. W.
LITTLE ROCK—Dickinson, W. W. Hdw. Co. (Comp.), 414 E Markham
Fones Bros. Hdw. Co., 200 Main
Foster Hdw. Co., 301 Main
Haley & Neff
Joseph, Sam (General), 716 Main
McCardell Bros., 522 Center
Robinson, J. K. & Co., 108 E 4th
Stewart, B. W. (General), 215 W 2d
MAGNOLIA—Taylor, Chas. E.
MARIANNA—Plummer & Davis
MENA—Garrison, Geo.
MONTICELLO—McQuiston, L. D. & Co.
MORRILLTON—Kleinschmidt, Louis
Patton & Scruggs
OZARK—Maxey, J. F.
PARAGOULD—Lindsey, J. W.
PINE BLUFF—Brewer, Jno.
Dellmon, John H., Jr. (Slate & Metal)
Fox Bros. Hardware Co. (Slate & Metal)
Steck, John H.
SEARCY—Sells & Sells
SPRINGDALE—Emory, A. L.
TEXARKANA—Hoffman Hardware Co.
Schlicker, J. T.
WARREN—Gill, M. T.

CALIFORNIA.

ALAMEDA—Fischer, C. F. Plumbing Co.
Furey, Frank P.
Mazzini, L. (Est. of)
Owens, M. B.
ANAHEIM—Bennerscheidt, Jos.
Miller, L. E.
ANGELS CAMP—Thomas, E. I.
ANTIOCH—Christensen, N. E.
ARCATA—Arcata Hardware Co.
Crawford, C. C. Co.
AUBURN—Breslin, J. H., Jr.
White, J. K.
BAKERSFIELD—Quincy, C. H.
BERKELEY—Driggs, E. H., 2126 Centre
McNamara, J. M., 2036 Shattuck av
Menges, J. J., 2129 Dwight av
CHICO—Hubbell, L. L.
Newman, J. F.
CLOVERDALE—Williams, O. C.
COLUSA—Mitchell, H. & Son
Roche, Jas.
CONCORD—Breckenridge, M. N.
Pacheco, Chas.
CORONA—Barth, MacGillivray
ELK GROVE—Longnecker, A. J.
ETNA MILLS—Eller, E. J.
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Moore & Cooke Co.
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FRESNO—Barrett-Hicks Co., 1035 I
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Dreyer, E. O.
Foin, F. A. & Son
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Weaver, J. F.
GALT—Orvis, J. L.
GEYSERVILLE—Haupt, Julius
GILROY—Chappell, G. A. & Co.
Robinson Hdw. Co.
GRASS VALLEY—Clauson, C.
HALF-MOON BAY—Rathbone, C. E.
HANFORD—Foster, Fred
HAYWARDS—Brunner, H. E., B st
Jorgensen, Geo. & Co.
Linekin & Allen, Main st
HEALDSBURG—Garrett, A. W.
Gunn & Ferguson
Raabe, M.
HOLLISTER—Bonnell & Harrison
IONE—Jones & McCall
IRVINGTON—Hirsch, O. N. & Co.
JACKSON—Garbarini Bros.
LEMORE—Moore, Robt. A.
LINCOLN—McBride, C. J.
LIVERMORE—Anthony, Mrs. M. S.
Dutcher, N. D.
LOS ANGELES—Asphalt Mfg. & Roofing Co.,
Blake, Moffit & Towne, 242 S Los Angeles
Booth & Steffen
Blumve & Jay Co.
Cass & Smurr Stove Co., 314 S Spring
Hannas, L. H. & Son, 1219 W Wash'n
Harper & Reynolds Co., 152 N Main
Hellman, Jas. W.
Howe Bros. (Slate & Metal), 554 S Spring
Longley, A. H. & Son
Maitre, C. J. (State & Metal), 744 S Main
Merrill, Chas. F. (Sheet Iron Worker), 217 W 5th
Paraffine Paint Co. (Comp.), 312 W 5th
Philp, H. B. & Co., 331 E 2d
LOS GATOS—Bogart, A. W. & Co.
Lewis, O. & Sons Co.
MADERA—Barcroft, Fred.
Hoffman, D. R.
MARYSVILLE—Hampton Hardware Co.
White, Cooley & Cutts
MONTERY—Hanna R. F.
MOUNTAIN VIEW—Cronin, John
NAPA—Young Hardware Co.
OAKLAND—Campbell & Donovan
Coughlin, John J., 465 11th
Dalzell, Robt., Jr., Co.
Kirk, Owen C. & Co., 305 E 12th
Maxwell, J. P., 1164 Wash'n
Pierce Hardware Co.
Planer, E., 1202 San Pablo av
Schmitt, Geo. W.
Yager, Geo. L.
ORANGE—Leech, A.
OROVILLE—Kelley, T. J.
PASADENA—Buckius, J. J.
Dunn, W. H., 8 E Colorado
Munger & Munger
Nay, E. O. & Co.
PASO ROBLES—Beggs, W. C.
PETALUMA—Scott & Crossley Hardware Co.
PLACERVILLE—Alderson, Edw. L.
Meehan, M. Q.
POMONA—Weber & Hyde
Wilkinson, J. W. & Son
RED BLUFF—Adkins, P.
Lyon & Garrett
REDDING—Young, James Hdw. Co.
REDLANDS—Dostal, John F.
Kline & Underwood
REDWOOD CITY—Holmquist, R. C.
RIVERSIDE—A'Fleck, J. B.
Copley Bros.
Cunniff, M. T.
McCormick & Ormand
Schanck, A. H.
Shiels, Jno. & Sons
SACRAMENTO—Carlaw, Edw.
Jackson, Samuel J., 427 J
Lawson, Powell S.
Miller Bros. & Co., 1116 J
Miller, Elder & Co.
ST. HELENA—Steves, J. H.
SALINAS—Anderson & Dougherty
Webster, J. A.
SAN BERNARDINO—Cooley, G. M. Co.
SAN DIEGO—Johnston, J. S. & Sons
Julian, C. H.
Kindler Plbg. Co., 743 6th
Schutthies Bros.
Woolman, J. H.
SAN FRANCISCO—Bodson, Nicholas (Asphalt), 520 Pine
Cantley, James (Asphaltum), 960 Howard
Canton Steel Roofing Co. (Metal), 216 Calif
Comyns & Childers (Metal), 441 Valencia
Conlin & Roberts (Asphalt, Slate & Metal), 928 Howard
Cousins, Thos. A. (Asphaltum), 1615 Market
Cronan's Eagle Cornice Works (Metal & Slate), 30 8th
De Lano Bros., 70 Spear
Devoy, Patrick (Asphaltum), 960 Howard
Elaterite Roofing Co. (Elaterite), 713 Market
Flahaven, Stephen (Metal), 162 2d
Forderer Cornice Works (Slate & Metal), 8 Natoma

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103 Merrimac, Boston, Mass. (See adv. index, end of book)

Globe Sheet Metal Works, 115 New Montgomery
Grant & Co. (Asbestos), 404 Mission
Guilfoy Cornice Works (Slate), 1187 Howard
Guiot, J. B. (Asphalt), 729 B'way
Harris, Brit S. (Asphalt), 515 Pine
Heidt, Wesley Cornice Works (Slate & Metal), 224 Mission
Higgs, Thos. (Asphalt & Metal), 806 Jackson
Irvine & Co. (Asphalt), 43 W Mission
Klimm, F. J., 216 Sacramento
Land, P. J. & Co. (Asphaltum), 19th & Harrison
Lawson, Jno. C., 702 Sansome
Loane, Wm., 437 5th
McCaffery, John P., 1833 Mission

McCoy, Alex. (Asphalt), 248 Harriet
McGovern, James F. (Asphaltum), 1306 Mission
McGowan, Jno. F. (Asphaltum), 3780 Mission
McKenna, Patrick (Asphalt), 314 1st
Maguire, James, 2606 Folsom
Markham, Christian (Asphalt), 333 13th
Mitchell, Peter (Asphalt), 431 Bush
Olmo, Frank, 813 San Jose av
Pacific Coast Roof Paint Co. (Asphalt & Metal), 1809 Folsom
Pacific Paving Co. (Asphalt), Phelan bldg.
Pacific Refining & Roofing Co. (Asphalt, comp. etc.), 113 New Montgomery
Paraffine Paint Co. (Asphalt, Felt, & Comp.), 24 2d
Parcells-Greenwood Co. (Steel), 216 Calif
Peltier, Jno. & Co. (Asphalt), 1188 Mission
Richardson & Engler (Metal), 1719 Market
Ross, Jas. (Asphaltum), 111 Van Ness av
Schottler, H. & Co., 605 Clay
Smith & Young (Asphalt), 723 Market
Standard Roofing Co, (Asphaltum, Felt & Gravel), 35 Post
Stratton, Chas. C., 106 Jessie
Taylor & Pritchard, 12 Market
Whittier, Joshua (Asphaltum), 836 Howard
Wilson, W. H. & Co. (Asphaltum), 42 Natonia

SAN JOSE—Evans, P. T.
Hirth, Chris.
Mangrum & Otter Co. (Slate & Metal)
Stocks, Jno. Sons (Slate Metal)
Sullivan, J. H.
Yocco, John
SAN LEANDRO—Hoerst, E.
Reichsrath, H. L.
SAN LUIS OBISPO—Hanson, S. H.
Payne, E. M.
Vetterline & Butcher
SAN PEDRO—Dakin, H. M.
SAN RAFAEL—Conway, E. H.
Johnson, R. W.
Kelly Bros.
Kinsella, Richard
SANTA ANA—Ferguson, J.
Haywood, J. S.
McFadden, Jno.
Wright, S. C.
SANTA BARBARA—Booth, R. L.
Ott Hdw. Co.
SANTA CLARA—Dickinson, F. R.
Menzel, R. Hdw. Co.
SANTA CRUZ—Byrne Bros. (Comp, Asphalt, etc.)
Whitney Bros.
SANTA MARIA—Bryant & Trott Co.
SANTA MONICA—Bohme, Geo. C.
Middlekauff, C. D.
SANTA ROSA—Demmer, Chas.
Haven Hardware Co.
Letold Co.
Morrow, E. E.
Potter, J. H. & Son
STOCKTON—Jackson & Earle (Slate, Iron & Tin), 246 Main
Mills, J. T., 148 Main
Schuler, Geo. F. (Iron & Tin), Hunter st
Whale, E. A.
SUSANVILLE—Asher, M. & Bro.
VALLEJO—Brownlie, Jno.
Wilder, H. E.
Winchell, C. L.
VENTURA—Baker, F. W.
Leach, B. A.
VISALIA—Cross, O. R. & Son
Gilbert & Son

COLORADO

ALAMOSA—Spriestersbach Hdw. Co.
BOULDER—Rutter Hardware & Grocery Co.
CANON CITY—Ellis & Hood
Harding Hdw. Co.
Watson & Bancroft
COLORADO CITY—Faulkner, John G.
Roles & Sutherland
COLORADO SPRINGS—Ball Bros.
Barnes, G. S. & Son
Blake, A. S.
Clough, J. T.
Heyse, Rudolph
Joyce, E. R.
Lowell-Meservey Hdw. Co.
McCullough Tin & Furnace Co.
St. John & Barnes
Taylor, Chas. E.
DENVER—Ahlers, Hy. W. (Gravel), 1426 15th
Allison-Hill (Tin, Sheet Iron & Furnace), 634 18th
Angerman, Harry, 122 B'way
Bacon & Son, 20 E 11th
Bartels, Fred. (Gravel), 1640 Champa
Blustein & Epp, 1431 Lawrence
Brye, H. & Co., 1757 Arapahoe
Colorado Paving Co. (Asphalt), Quincy bldg
Dill, C. C. (Gravel), 1528 Champa
Dillon, F. M. (Gravel, etc.), 1512 California
Dormer, Dewitt C., 135 S B'way
Dorrington, Wm. H. (Metal), 1746 Arapahoe
Duer, J. L., 1525 16th
Fair, C. W. Cornice Works Co. (Metal & Slate), 1809 Blake
Flaherty, P. J., 1409 15th
Fredrum, J. W., 1421 Lawrence
Freund, Geo. & Co., 1016 18th
Glohe Cornice & Heating Co. (Slate & Tile), 756 B'way
Goldberg, L. & S., 2516 W Colfax av
Hallack & Howard Lumber Co. (Elaterite & P. & B. Products), Larimer & 7th
Heale, G. H. B., 1300 Santa Fe av
Heimbecher, Chas. F. (Gravel), 507 15th
Herbolsheimer, Chas. F., 505 Santa Fe av
Hinchman-Renton Fireproofing Co. (Gravel), 1815 Arapahoe
Independent Roofing Co. (Gravel), 1653 Champa
Jones & Greathead, 1335 Welton
Kessler, Fred., 2706 Larimer
Kinsman, J. E. (Gravel), 1137 21st
Kobel, Carl F., 1358 Larimer
Lang, H. G., 1512 California
Leach, E. L., 1909 Lawrence
Linn, Geo. E., 1815 Champa
Ludowici Roofing Tile Co., Colorado bldg
McBride, Charles (Gravel) 2046 Stout
Maloney, Jas. M., 807 12th
Martell & Bradbrook, 1953 W 32d av
Miller, Hy. C. & Co. (Gravel, Slate & Tile), 1837 Stout
O'Brien, D. Loy, 3838 Downing av
Sandford's Furnace Co., 1732 Welton
Sayre-Newton Lumber Co. (Paroid), 23d & Blake
Scherer & Whyte, 34 W Colfax av
Sinclair, Wm. P., 869 Santa Fe av
Smith, I. S., 1702 Champa
Treat, L., 1743 Glenarm
Wahlgren, Jno. A., 1933 Curtis
Walter, L. H., 1426 Blake
Weigele Riveted Steel Pipe Works, Larimer, N E c 30th
Welsh, Geo. E., 913 18th
Western Elaterite Roong Co. (Elaterite), Equitable bldg
White, He E. (Gravel), 1643 Champa
Young, Jno., 2245 Blake
Zint, G. W., 1754 Welton
FLORENCE—Smith, O. D.
Wilson, Geo. Hardware & Supply Co.
FORT COLLINS—Dierck, H. G.
GILLETT—Western Hdw. & Supply Co. (Slate & Metal)
GLENWOOD SPRINGS—Dougan, William
GREELEY—McArthur, D. R. & Co.
Rohie & McCutcheon
LA JUNTA—Bomgardner & O'Neil Hardware Co.
Johnson, John
LEADVILLE—Blosfeld, Chas. E.
Leadville Hardware Co., 307 Harrison av
Tompkins, H. H. Hdw. Co., 431 Harrison av
MONTROSE—Lathrop, J. V.
Montrose Hardware Co.
OURAY—Arps Bros. Hardware Co.
Carney Hardware Co.
Lindquist, L. R. & Co.
PUEBLO—Ashton, Frank
Gallagher, L. C.
Holmes Hardware Co., 302 S Union
Hughes & Johnson
Killin, John M. & Co., 206 S Main av
Pueblo Plumber Co., 402 Santa Fe av
RICO—Rico Hardware Co.
SILVER CLIFF—Woodside, William
TRINIDAD—Brown, H. B. Hardware Co.

CONNECTICUT.

ANSONIA—Gaffney, William
Terry, T. P. & Son, 80 Main
Webb, John T.
BERLIN—Damon, H. F.
BRANFORD—Corcoran, William T.
Engquest, A. R.
BRIDGEPORT—Beitner, Geo. L., 273 State
Bertilson & Dunn, 1354 State
Beutelspacher, Henry (Metal), 192 Middle
Birmingham, John, 35 Court
Bonner, John, 272 Noble av
Booth, F. & F. C., 103 Middle
Brady, J. F. & Bro., 8 N Wash'n av
Bullard, W. S. (Gravel, etc.), 629 Water
Clapp, W. A. (Slate Comp. & Gravel), 1025 Main
Cornwell, Timothy, 853 E Main
Curtis & Wellington, 358 Stratford av
Donahue, J. C., 1379 State
DROUVE, G. CO., 40 Tulip. (See adv. index, end of book)
Eames, C. S., 639 Water
Goodsell Plumbing Co., 1772 Main
Gould, H. C. & Co. (Grand, Slate & Felt), 304 West av
Green, M. A. & Co., 1328 Main
Hurley & Doherty, 606 E Main
Kelley, James E. (Gravel), 1024 Main
Kirk, Wm. P. Co.
Lynch, Geo. & Co. (Tin), 131 Middle
McLevy, Geo. & Sons (Slate), ft of Wall
Middlebrook & Goulden, 40 Court
Mills, L. H. (Iron & Metal), 26 Middle
Murphy, John F. (Metal), 33 Union sq
Reilly, J., Jr., 283 State
Schreiber, Chris. A., 36 River
Schwing, John Corpn. (Iron & Metal), 236 Stratford av
Scofield, G. E., 585 E Main
Silliman & Godfrey Co. (Gravel), 1119 Broad
Taylor, H. O., 676 Fairfield av
Wheeler, Cook & Co., 92 State
BRISTOL—Porter's, S. M. Sons
Roberts & Arnold
White, J. M.
CANAAN—Strong, G. P.
COLCHESTER—Avery, F. T.
COLLINSVILLE—Bidwell, D. W.
Smith, P. F. (Slate)
DANBURY—Benjamin, F. C. & Co. (Gravel & Tar)
Danbury Hardware Co.
Duane & Culhane, 10 Keeler
Hoyt, H. W. Co.
Hull Bros. Co.
Norman, C. R.
Rice, G. P.
Scofield, Theo. & Co.
Varian, I. L.
DANIELSON—Keach, E. H. & Co.
DARIEN—Lounshury, C. W.
DEEP RIVER—Cochrane, A. E.
DERBY—Kelly, D. H.
Kelly, T. F.
Munson, W. H. (Slate)
Peck, E. W. & Co.
Shelton Tin & Plhg Co.
EAST BERLIN—Bowers, E. W.
EAST HARTFORD—Hills, C. M.
ESSEX—Bowen, William
FAIRFIELD—(See Southport)
FARMINGTON—Sneath, F. H. (Slate & Tile)
Swanston, F. P.
GLASTONBURY—Torbert, H. L.
GREENWICH—Allen, David K. (Slate & Metal)
Peck, E. S. (Gravel & Tin)
Talhot, Francis J. (Slate)
GROTON—Hempstead, G. R.
GUILFORD—Butler, E. H.
HARTFORD—Behmer, F. Edw., 1116 Main
Beseman & Bostwick, 44 Ann
Bull, N. B. & Son, 345 Asylum
Clapp, Jos. B. (Comp), 237 Market
Clark, Merlin F. (Slate, Metal, Gravel & Tile), 19 Center
Clarke, E. W. & Son (Gravel, etc.), 32 Village
Couch, George M., 1072 Main
Cullen & Lurie, 16 Mulberry
Daly, Lawrence, 13 Lawrence
Ford, J. P. (Slate, Metal & Felt), 373 Asylum
Gans, Louis H., 162 Front
Goldenthal, M., 15 Babcock
Hanlon & Murphy, 280 Asylum
Hartford Roofing Co., 33 Church
Henry & Wright Co., 139 Albany av
McManus, John C. & Sons, 346 Main
Rabinovitz, Ike, 203 Front
Sherman, Seth E., 238 Martin
Sneath, Frank H., 54 Pratt
Webster, Edw., 546 Asylum
Wilbraham, George, 18 Hicks
LAKEVILLE—Hoyt, B. F.
LITCHFIELD—Allen, E. B. Co.
Crutch, George R.
Moraghan, M. V.
LYME—Appleby, Nilson
MANCHESTER—Aitkin, John E.
Apel, B. C.
Emmons, L. S.
MERIDEN—Dahill, W. J.
Dahill, J. F. & Sons (Slate & Felt), 72
Goodrich, F. S., 260 Centre
Griswold, Richmond & Glock Co., 2 W Main
Holmes, John L., 505 Broad
Putnam, Charles E.
Wheeler, F. J., 17 W Main

MIDDLETOWN—Coughlin, W. J.
Donovan, James
Flynn, J. Taylor
Hale & Kelsey
Hyland, Michael J. (Slate)
Kennedy, R.
Mills, Lyman D.
MILFORD—Ford, S. T. & M. C.
MYSTIC—Hopwood, J. E. & Co.
Newberry, E. H.
NAUGATUCK—McCarthy, W. H., 75 S Main
Page, J. M. & Co., 175 Church
NEW BRITAIN—Brady, Thomas H., 351 Main
Damon, S. W., 367 Main
Emley, William, 137 Main
Hinchliffe, S. L.
Hjerpe, C. A., 156 Arch
Kibbe, M. J., 8 W Main
Rapelye, George, 250 Main
NEW CANAAN—Simon Bros.
NEW HARTFORD—Smith, Henry T.
NEW HAVEN—Bradley Co., 148 Orange
Bradley, James H. (Felt & Gravel), 168 Farren av
Bristol, W. T., 116 Lamberton
Brown, Jas. C., 30 E Grand av
Buckingham, Routh Co., 79 Court
Carleton, F. A., 190 George
Catton, T. R., 754 Orange
Clark, C. W. & Son (Slate, Tile & Felt), 178 Long wharf
Clerkin & Co., 779 Grand av
Coe, Clinton E., 511 Howard av
Coffey, John H., Jr., 389 Grand av
Connelly, Peter F., 101 Portsea
Corbett, T. W., 29 Broadway
Cronan, J. C. & Co., 6 Church
Curtiss & Pierpont Co., 272 Elm
Dardell, A., 292 George
Dorman & Cugell, 167 Congress av
Dibble, S. E., 639 Grand av
Dupee, C. J. (Slate), 157 Dixwell av
Edmondson, Alfred Co., 412 Grand av
Edmondson, George & Co., 956 Grand av
Flanagan, M. C., 194 Shelton av
Flynn & Miller, 217 Congress av
Grodzinsky, Samuel, 146 Lafayette
Herpich, C., 363 Congress av
Hine, J. L. Plumbing Co., 97 Crown
Hoffmeister Bros.
Igo, John E., 121 Dixwell av
Igo, Jos. F., 64 Foote
Johnson, N. S., 29 Grand av
Kannegiesser, E. K., 51 Sylvan av
Kelley, James E. (Gravel), 66 Commerce
Keyes, James H., 595 Grand av
Liddell, Robert, 53 Crown
McDonald, Wm. H., 778 Grand av
Neuman, C. U., 48 Grant
Perry, Harry M., 218 George
Rourke Bros. Co., 834 Grand av
Rourke, F. A., 393 Grand av
Ryan, Edw. J., 145 State
Shepard, H. W., 89 Water
Smith, A. J., 13 Blatchley av
Smith, W. A. T., 2 Pitkin lane
Turbert, Thomas J., 73 Dixwell av
Wright, O. S., 780 State
NEW LONDON—Andre, Benj. (Gravel, etc.), 88 William
Burch, H. O. Contracting & Mfg. Co. (Gravel)
Hilliar, B. H., 49 Bank
Kunzleman, C. C., 120 Bank
McPartland, Hugh, 128 Bank
Murray & Maher, 22 Main
Newman & Cronin, 11 Main
Roche & McGuire, 14 Green
Rogers, H. E., 21 Blackhall
Russel, P. W., 136 Bank
Sugrue, T. T., 25 Starr
NEW MILFORD—Beach, C. M.
McMahon, A. H.
NORFOLK—Thurston, W. A.
NORWALK—Burritt & Montgomery
Heating & Lighting Corporation
Jones & Hotchkiss Co.
McKeon, F. J., Jr.
NORWICH—Barstow, John P. & Co., 23 Water
Capron, C. P., Norwichtown
Coit, J. W. L.
Monaher, Jos. P.
Nickerson, A. B. (Asphalt, etc.), 133 W Main
Ryan, J. T., 26 6th
Tompkins, Jno. F., 67 W Main
Troland, Jno., 23 W Main
Wholey, Andrew J., 12 Ferry
PLAINVILLE—Beard, J. W.
PLANTSVILLE—Barnes, Luther
PORTLAND—Ellsworth, H. W.
PUTNAM—Chandler & Morse
Field, N. W. & Co.
Kenyon, R. L.
RIDGEFIELD—McGlynn & Murphy
ROCKVILLE—Kuhnley, E. A.
Mulligan, John
SALISBURY—Wanger, C. F.
SEYMOUR—Wheeler, H. G.
SHELTON—(See Derby)
SOUTHINGTON—Hancock, S. G., 50 Liberty
Ballou, Wm. M.
SOUTH MANCHESTER—Carrier, E. T.
Ferris Bros.
Moriarty, Hugh
Wright, Geo. R.
S. NORWALK—See Norwalk
SOUTPORT—Spicer, Jos. N.
Wheeler, C. A.
Woodward, M. V.
STAFFORD SPRINGS—Adams, Anthony
Hodgson, C. P.
STAMFORD—Begent, Lynch & Swayze Co., 4 Park Row
Broderick, T. H., 178 Main
Brown, Jno. M., 57 Atlantic
Horan, J. J., 84 Main
Raymond, W. M.
Raymond, R. W., 61 Main
Scofield Bros. & Co., 70 Atlantic
Stark Bros., 7 Park row
Wilson James & Co., 11 Atlantic
STRATFORD—Beardsley, F. P. & Co.
SUFFIELD—Brown, F. W.
THOMASTON—Bradley, A. A.
THOMPSONVILLE—Leete, A. R.
TORRINGTON—Agard Hardware Co.
McCarty, A. D.
Morrison, W. H.
UNIONVILLE—Symonds, W. F.
Weidig, Valentine
WALLINGFORD—O'Neil, S. J. & Co.
Phelps, F. W., 21 Main
Phelps, L. M.
WATERBURY—Barlow Bros. Co. (Metal & Gravel), 63 Grand
Byrnes, Matthew D. & Son (Felt & Gravel), N Main, opp. City Mills
Disley, W. T. Co., 276 Bank
Eldridge, B. H. (Felt & Steel), 210 S Elm
Excelsion Concrete Co. (Felt & Gravel), 8 Baldwin av
Fahy, M. J., 3 West Burton
Keeler, H. W. Co. 178 S Main
Smith, J. K. (Tile, Slate & Gravel), 7 1st av
Thatcher, Chas. Co., 39 Center
Toucey, Levi H. Co., 171 E Main
Weyland, Hy, 22 Jeff
WATERTOWN—Suffa, Jos.
W. CORNWALL—Cochrane, A. J. & Son
Sturgis, Theo.
W. HAVEN—(See New Haven)
WILLIMANTIC—Bill, J. G., 12 North
Lyman, Hollis H.
Moriarity & Rafferty
Truscott, R. B., 8 Railroad
Vanderman Plumbing & Heating Co.
WINDSOR—Wilbraham, G. F.
WINDSOR LOCKS—Mooney, J. E. (Slate & Metal)
Pease, Allen Co.
WINSTED—Alvord, J. H., 450 Main
Barrett & Kennelly
Holbrook, J. H.
Marsh, Fredk. W. & Son
WOODBURY—Hitchcock, F. F.

DELAWARE.

BRIDGEVILLE—Layton, H. C.
DOVER—Clendaniel, Geo. G.
Jones, T. K. & Bro. Co.
GEORGETOWN—Faucet, W. A. & Co.
Holson, Frank J.
HARRINGTON—Callaway, J. A.
LAUREL—Smith, Samuel T.
MIDDLETOWN—Letherbury, W. S.
Roberts, J. T.
MILFORD—Apel, J. H.
Gray, S. N.
NEWARK—Hayes, Jas. H.
NEWCASTLE—Handy, E. W.
SEAFORD—Burton, W. S.
Williams, P. J.
SMYRNA—Brinton, J. H.
Faries, Wm.
Sisco, C. W.
WILMINGTON—Alexander, Wm. H. (Slate & Metal), 511 E 4th
Anderson, Thos. S.
Bullock, Isaac S. (Slate & Metal), 708 Shipley
Delaware Hardware Co.
Duncan Bros.
Faulkner, W. J. & Son, 428 Queen
Gallaher & Rumer, 709 Orange
Groves, Gus. H. (Slate & Metal), 315 Orange
Johnson, J. C. & Son, 6th & King
Johnson, Wm. J., 815 Shipley
Palmer, Wm. M., 1322 King
Robinson, Harry G., 406 Shipley
Rudolph, Z. F., 108 E 4th
Shaffer, J. W., 1506 Lancaster av
Speer, Geo. I. (Slate), 4th c Pine
Stewart, Geo. B., 2d & Orange
Williams, Wm. E., 105 W 10th
Williams & Hopkins
Wood, J. F. & Co., Front & Shipley

DISTRICT OF COLUMBIA.

WASHINGTON—Ahmay, Geo. L., 712 H, N E
Albison, J. H., Bunker Hill rd
Bennett, James, 1122 18th, N W
Berry, W. O., 503 9th, N W
Betz, Earnest, 609 13th, N W
Binnix, Thos., 710 31st, N W
Boyd, Geo. H., 1255 M, N E
Brown, Geo. B., 1007 H, N E
Burke, Chas. F., 830 23d, N W
Burns, Theo. A., 137 B, S E
Callan, Jno. F., 108 10th, N E
Canty, P. H., 214 D, S W
Casey, Timothy J., 513 10th, N E
Castle, Wm. D., 1214 H, N W
Chappell, Harry, 324 H, N W
Chism, Edw. R., 717 24th, N E
Coberth, Chas. E., 812 14th, N W
Collier & Brosnahan, 1159 8th, N W
Collins, John W., 919 E, N W
Collins, Thos. D., 817 Florida av, N W
Cook, John H., 1740 Pennsylvania av, N W
Cox, Geo. E., 2104 14th, N W
Cox, Wm. D., 632 K, S W
Davis, Frank R., 414 9th S W
Dodson & Hodgson, 1626 H, N W
Doyle, John T., 1555 9th, N W
Eatman, Thos., 231 C, S W
Englehart, Frank C., 346 M, S W
Essig, Henry, 1109 T, N W
Fanning, Chas. J. (Slate & Tile), 220 Massachusetts av. N W
Feddon, Jno. F., 17 Monroe, Anacostia
Flynn, T. E., 1220 D, S E
Fritsch, Geo. (Slate & Tile), 1424 10th, N W
Gary, Walter L., 2110 16th, N W
Gichner, Fred. S., 310 12th, N W
Giclas, Harry J., 117 4th, N W
Giclas, Louis, 502 K, N W

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Grafton & Son, 714 9th, N W
Harris, Geo. E., 434 N, N W
Heard, Chas. E., 1010 M, N W
Heard, Wm. H., 45 K, N E
Henderson, R. J., 1534 32d, N W
Henning, F. J., 330 F, N E
Henshaw, John T. & Co., 736 13th, N W
Holland, Geo. N., 15th & H, N E
Huddleston, Geo. M. (Slate & Tile), 802 M, N W
Huddleston, M. C. & Co. (Slate & Tile), 1218 30th. N W
Hurdle, Edw., 609 Louisiana av, N W
Johnson Roof Paint Co., 1605 8th, N W
Kane, Stephen H., 2206 Pennsylvania av,
Kesterson, Geo. W., 202 M, S E
Kneas, Gustave, 3018 Brightwood av, N W
Knight, Edw. W., 906 21st, N W
Lanahan, Cornelius B., 229 H, N W
Levin, Nathan, 1853 7th, N W
Lewis, Jas. P., 2006 Florida av, N W
Lindsay, Jno. G. (Slate & Tile), 2120 N, W
Lomax, David D., 1220 20th, N W
Lomax, Ernest, 211 G, N W
Lyles, Geo. W., 1308 14th, N W
McIntosh, Chas. O., 1336 H, N W
Madden, J. J., 720 S, N W
Marche, Wm. B., 305 E Capital
Mathy, Jos., 1918 Pennsylvania av, N W
Marriott, Wm. H. (Slate & Tile), 3024 Cambridge pl, N W
Mehler, Wm. H., 306 B, S E
Minnis, Wm., 1023 H., N E
Moor, Daniel G., 756 Sheridan, N W
Murphy, Wm., 325 10th, S E
Neff, August J., 915 E Capitol
Niland, Patrick J., 2129 H, N W
O'Callaghan, Matthew, 906 21st N W
O'Donnell, Thos., 403 4 1-2, S W
Pepper, John, 2018 14th, N W
Pierpont, Jno. A., 310 12th, N W
Pruitt, N., 814 H, N W
Quigley, Martin M., 232 C, N E
Ray, Wm. J., 802 M, N W

Robertson, Wm. E., 1360 H, N E
Rose Bros., 1809 14th, N W
Ruppert, Frank I., 1700 4th N W
Russell, Benjamin, 1307 3d, N W
St. John, Alex. J., 1621 32d, N W
Shanahan, Daniel, 26 Harrison, Anacostia
Shedd, S. S. & Bro., 432 9th, N W
Shugrue, John, 1103 7th, N W
Shugrue, Michael, 431 11th, S W
Simmons, Wm. H. G., 618 K, N W
Simms, Jno. H., 1841 7th, N W
Stansbury, Daniel R., 1306 H, N W
Stockstill, D. W. & Co., 211 12th, N W
Symanoskie, Jos., 701 D, N E
Ward, A. W., 1408 Pennsylvania av, N W
Warren Bros. Co., 27th c K, N W
Warren-Ehret Co. (Composition & Slag), 1323 G, N W
Washington Roofing Co., 707 13th, N W
Watson, Jos. H., 411 D, S E
Winters, Jas. H., 742 8th N W
Yeatman, Geo. W., 417 6th, S W

FLORIDA.

COCOA—Hindle, Wm.
DAYTONA—Allen, F. C.
Nash, Clarence
DE LAND—McDonald, R. D.
Watts & Miller
GAINESVILLE—Baird Hdw. Co.
JACKSONVILLE—Hooker & Lightbody
Hubbard, S. B. Co.
Macy & Johnson
Miller, Jno.
Roberts, Luther M.
Stafford & Ward Co.
Tutt & Ball
KEY WEST—Costar, M. R., 121 Simonton
Crimins, J. T., 103 Simonton
Page, A. J., Elizabeth c Caroline
OCALA—Marion Hardware Co.
Needham, Thos.
Yonge, R. E.
ORLANDO—McBride, J. P.
PALATKA—Griffin, Martin & Co.
Kelley, E. C. & Co.
PENSACOLA—Avery, A. M.
Soto, R. F.
Vetter, C. B.
ST. AUGUSTINE—Hamblen, C. F. (Slate, Gravel, etc.)
Pacetti, Jos. T. & Co.
SANFORD—Fernald, Geo. H. Hardware Co.
Hill, A. E.
TALLAHASSE—Rozear, S. P.
Yeager, L. C.
TAMPA—Berry, Wm. J. & Co.
Howard, Harry
Lau, K. Richard

GEORGIA.

ACWORTH—Kitchen & Williams
ADAIRSVILLE—Adairsville Hardware Co.
ALBANY—Bell, Wm. S. & Son
Eatman, R. C.
Frank, C. A.
AMERICUS—Payne, C. P.
Schroeder, W. H. R.
ATHENS—Bailey, D. W.
Childers, Wiley E.
ATLANTA—Bradshaw, C. L., 2 Peters
Cauble, J. T., 106 Whitehall
Dowman-Dozier Mfg. Co. (Slate & Metal), 22 Trinity av
Franklin Plumbing & Tinning Co., 121 Whitehall
Gouge, C. A., 83 N Pryor
Hall, J. W., 284 Peters
Harmsen-Belcher Plumbing Co., 36 S Broad
Henry Bros., 308 Decatur
Hunnicutt, J. E. & Co. (Slate & Metal), 60 N Broad
Jones, W. R. (Slate, Metal & Tile), 15 Waverly pl
Kelley, A. F., 258 Decatur
Locke, Ed., 93 Courtland
McNinch, J. T., 137 Marietta
Maxwell, G. M., 476 Decatur
Murphy, C. P. & Son (Granite, etc.), 6 N Forsyth
Russell, C. W., 41 S Broad
Shide, A. J., 105 S Forsyth
Southern Roofing Co. (Felt, Gravel, Steel, etc.), Belt Line near Van Winkle's
Steinhauer, J. F., 59 S Pryor
Strickland, J. W., 8 Peters
Warlick-Kennedy Co., 79 Edgewood av
AUGUSTA—Allen, C. B., 831 Broad
De More, E. A., 112 7th
Deveney, Hood & Co.
Hargraves, W. H.
Jessup, E. S., 939 Broad
Mack, Robt. (col.), 913 Ellis
Slusky, David (Slate & Metal), 1009 Broad
Smythe, Frank (Slate & Gravel), 831 Ellis
BARNESVILLE—Hawkins, R. E. Lee
BRUNSWICK—Baker, M. A.
CARTERSVILLE—Lumpkin Bros.
CEDARTOWN—McAlpin, Jno.
Mee, I. T.
COLUMBUS—Everett, H. F.
Russell, J. C.
Sheridan, G. W.
CORDELE—Hutchinson Lumber & Supply Co.
DALTON—Evans & Co.
Parmalee, H. C.
GAINESVILLE—Davidson & Pruitt Hardware Co.
Moss, W. R.
MACON—Falkner Tin Shop
Howard, W. C., 25 Wall
Ricks, L. C., Wall st
Subers', S. M. Son (Slate & Metal), 205 Cotton
MARIETTA—Dobbs Hdw. Co.
MILLEDGEVILLE—Hatcher, R. W.
Staley, Joseph
NEWNAN—Martin, T. N.
ROME—Elliott & Lanier
Hanson Supply Co. (Slate, Gravel & Tin)
SAVANNAH—Brody, T., 111 Jeff
Cornwell & Chipman, 108 W Congress
Cotton, P. H. & Son, 541 Bay E
Cox, C. A., 142 Barnard
Hahne, F., 212 Drayton
Karsman, M., 238 Whitaker
Lattimore, Wm. & H. H., 19 Broughton W
McCarthy, L. A. & Son, 142 Drayton
Pacetti, E. C. & Son, 136 Whitaker
Sanders, C. M., 127 Jefferson
Sanders, J. K., 143 Jefferson
Seckinger, C. R., 151 Whitaker
Wiggins, J. W., 116 President
THOMASVILLE—Coleman & Adams
Watt, James & Bro.
VALDOSTA—Briggs, W. H. Hdw. Co.

IDAHO.

BOISE—Acme Plumbing & Heating Co.
Coffin-Clinton Hdw. Co.
Fletcher-Eastman-Teller Co.
Idaho Hdw. & Plumbing Co.
Loree, J. K. & Son
IDAHO FALLS—Griffith Hdw & Plbg Co.
LEWISTON—Cash Hardware Store
Hahn, Charles
Myers & Neyland
MOSCOW—Collins, Jos. R.
Peterson, N. & Co.

ILLINOIS.

ADAMS—Bennett, Frank
ALBION—Weaver, Geo. & Son
ALEDO—Detwiler Bros.
Wells Bros.
ALTON—Degenhardt, A. J. (Slate and Metal)
Eckhard, C.
Hoffman, H. A.
AURORA—Crampton, J. T.
Kartheiser & Millen
Roesch, Geo. E.
Rutishauser, F. W.
Ryan, Henry
Schlitz, Geo.
Tanner, Henry R.
BARRINGTON—Schroeder, Louis F.
BATAVIA—Burton, Geo. (Metal)
Grimes, Wm. L. (Metal)
BAYLIS—Nichols, L. D.
BEARDSTOWN—Keil, H. C., Main
Raycroft, Jas. T.
BELLEVILLE—Burghardt, H. A. & Co.
BELLEVILLE—Hinzler, L.
Lebkencher, L.
Louis, Frank J.
Reis, Geo. Hdw. Co.
Voelkel Bros.
BENSENVILLE—Koelker, Fred.
BLOOMINGTON—Barnard, M. D.
Butler, Harry
Champion, Geo.
Dillingham, Andrew
Dimmett, A. B.
Evans, Jno. W. Sons Co. (Felt, etc.)
Haase, Emil C.
Holder, Athey Hdw. Co.
Kelly & Hoffman
McCarthy, M. C.
McEvoy, J. W.
McGregor, R. R. & Co.
McIntosh, Geo.
Milner, J. V. Hardware Co.
Moore & Nydegger
Morrison, Frank
Muhl, F. C. (Slate & Metal)
Parker, Wm. C.
Popple, M. L. (Slate & Metal)
Read, G. H. & Bro.
Schueler, Fred'k
Sullivan, F.
BLUE ISLAND—Schreiber Bros., Western av & James
Vandenberg & Pronger
BOWEN—**WALTY, ALBERT**
BUSHNELL—Griffith, J. L. & Co.
Hoover & Bernhill
Voorhees, Jas. E.
CAIRO—Morris, J. W. (Slate & Metal)
CAMP POINT—Stecher, C. F.
CANTON—Gillett, A. P.
Luker Bros.
CARLYLE—Feulner, F.
CARROLLTON—Black, S. A.
Mahoney, John
Stone, A. H.
CARTHAGE—Boswell, W. E.
Reyer, Fred.
Sholl Bros.
Taylor & Edwards
CENTRALIA—Buehler, Fred.
Zarback, E. F.
CERROGARDO—Funk, S. M. & Son
Cormick, H. G.
Kurth, O. B.
CHAMPAIGN—Mollett, Chas.
Terwilliger, A. M. & L. A.
Trevett, Thos. H.
Ver Haar, John
CHANDLERVILLE—Dorr, Henry
CHARLESTON—Kelley, F. G.
Pinatel, Chas. C.
CHATSWORTH—Burns Bros.
CHENOA—Wilson, L. M.
CHESTER—Fey Stove & Hdw. Co.
Weinrich, C. F.
CHICAGO—Ajax Roofing Co. (Felt, Comp. & Gravel), 180 S Western av
Akron Roofing Tile Co., 138 Wash'n
American Clay Products Co., 138 Wash'n
American Tile & Gravel Roofing Co. (Gravel, Tile, etc.), 132 La Salle
Anglo-American Roofing Co. (Felt Comp. & Gravel), 792 W Chicago av
Anderson & Armstrong, 906 Racine av
Andrews, Frank T., 7018 Cottage Grove av
Atlas Roofing Co. (Felt, Comp. & Gravel), 651 W Madison
Bach, John, 121 Lincoln av
Bald, Benj., 292 Blue Island v
Bales, Orin M., 3962 Cottage Grove av
Balsam, Emil, 3409 State
Barker, Chas. H., 792 W Vanburen
Barrett Mfg. Co., 135 Adams
Barriball, Chas. H. (Felt, Comp. & Gravel), 11444 Indiana av
Barsley, A. L., 2729 Michigan av
Bartenbach, Geo., 114 Willow
Bauheimel, John, 564 29th
Beahan, Thos. & Son, 22 N Sangamon
Beher, Raymond, 24 Rush
Behland, Wm., 472 W 14th
Benz & Rossbach, 342 5th av
Berry, John, 25 N Green
Berry, Reuben, 6439 S Centre av
Biedler, Louis, 67 Kinzie
Biewer, Wm., 85 Clybourn av
Binkert, Theo., 1504 W 61st
Bird, F. W. & Son, 1434 Monadnock blk
Black, John (Slate & Metal), 81 92d
Block, Myer, 328 W 12th
Blomeley, Sam'l, 282 N Western av
Boedicker, Carl, 121 W Wash'n
Bolton, Robt. J., 3309 State
Bools, Zadock H., 5412 Lake av
Bovenkerk, Gerrit J., 342 W 110th
Brady, J., 254 W Adams
Bremer & Blelenberg (Slate, Tin & Iron), 1136 W 13th
Brouty, Eugene S., 785 N Western av
Brouty, H. E., 967 N California av
Brown, J. H., 312 W Lake
Buckley & Hagan, 651 W Madison
Burke, Augustus (Comp.), 100 W Superior
Burke, John & Co., 909 W Madison
Bussiere, L. E., 973 W 12th
Bussiere, L. E., Jr., 931 W 14th
Carver & Briggs, 12006 Lowe av
Celadon Roofing Tile Co., 204 Dearborn
Clark, A. E., 466 W Vanburen
Cline, L. Mf. Co., 1239 Wabash av
Colby, Edwin L., 4324 E Ravenswood pk
Chicago Roofing & Mfg. Co., 188 Madison
§Columbia Roofing Co. (Felt, Comp. & Gravel), 906 Racine av

Colver & Wille, 11940 Wallace
Condon, Thos. B., 1182 N Halsted
Connelly, M. C., 478 W Randolph
Conrath, Edw. J., 10 Laflin
Cooper, A. W. &Co., 703 W Lake
Copelin, T. E., 51 N State
Cornell, Geo. H., 960 W Vanburen
Cortright Metal Roofing Co., 134 Van Buren
Cretors, C. & Co., W 22d, nr c S Jefferson
Daly, Luke F., 164 Ogden av
Davey, Elijah C., 1017 W Marrison
Davis, Paul M., 749 W 69th
De Baets, B. P. & Co., 681 N Western av
De Clark, E. & Co., 85 Randolph
Dermody, Michael, 379 W Ohio
De Wolf, Wm. F., 251 S Hermitage av
Diener, Geo. W. Mfg. Co., 215 Lake
Doering, C. & Son, 329 W Lake
Douglas, E. C. & Co., 3370 S Park av
Dunne, Edw. J., 1436 Ogden av
Easterly, W. M., 882 Monroe
Elaborated Ready Roofing Co., 4421 La Salle
Ehlers, Ernest J., 3019 Cottage Grove av
Elkins, Henry A., 5602 S Peoria
Elliott, J. M. (Comp.), 411 Blue Island av
Elliott, Wm. H., 3107 State
Eustace Roofing Co. (Comp.), 588 W 12th
Farley & Beckwith, 153 La Salle
Foley & Overholt, 218 Illinois
Ford Mfg. Co., 109 W Wash'n
Ford, Pierce, 38 N Clark
Frengle & Karl, 2270 Archer av
Freutel & Foerster, 376 Center
Fritz, Edw., 2928 Cottage Grove av
Galbraith, James B., 6316 S Peoria
Galt, John & Sons, 95 Washington
Gaylord, George H. (Slate, Gravel & Metal), 167 Dearborn
Giessel, Henry & Co., 215 Lake

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Genasco Roofing Co., Stock Exch. bldg
Givins, Wm., 5505 Kimbark av
Goetz & Flodin Mfg. Co., 133 W Chicago av
Goldberg, Jos., 51 N Clark
Grashin, Max, Plymouth ct, N E c Vanburen
Green Harry, 1337 W 47th
Gregory, Edw., 1069 Wabansia av
Griffith Cornice Works, 1716 Wabash av
Gross, Geo. M., 1445 Slate
Guibranson, Chas. O., 119 Milwaukee av
Gustafson, Edw., 741 Farragut av
Hansen, Charles, 875 N Lincoln
Hansman, Martin, 2618 Wentworth av
Harrison, Stewart, 808 W 120th
Hartmann, Henry & Co., 426 Division
Harvey, Rich. J., 428 Johnson
Hatten, John J. (Comp.), 4705 State
Heckler, Herman, 351 63d
Henrichs & Renaud, 148 31st
Heppes Co., 45th av & Fillmore
Hill, Rowland, 6546 State
Hoffmann, Wm., 775 N Halsted
Holmberg, Chas. & Co., 50 Michigan
Holpuch, Anthony (Felt, Comp. & Gravel), 21st & Ashland av
Hopkins, H. H., 50 Dearborn
Hopp, Frank, 753 W 63d
Horne, Ernest, 111 Franklin
Hrdlicka, John, 613 S Center av
Hughes, Peter & Co. (Comp.), 1237 W Lake
Hunt, John A., 4257 Wentworth av
Ideal Spinning Co., 33 W Wash'n
Illinois Roofing & Cornice Co. (Felt, Comp. & Gravel), 14 N State
Illinois Roofing & Supply Co., 23 Lake
Jaeger, Peter, 1799 Milwaukee av
James, David & Son, 238 Lake
Johnson Bros., 237 Austin av
Jordan, Emil W., 1252 N Marshfield av
Kaltenbach, Fredk., 11 N Jefferson
Kasper, John, 50 Ingraham
Kelleher & Clark, 195 31st
Kelly, Henry C., 94 Franklin
Kennealy, Edmund (Comp.), 3008 Loomis
Kessin, Chas., 489 W Chicago av
Knickerbocker Roofing Co., 3962 Cottage Grove av
Knisely Bros. (Slate, Metal & Tile), 28th & 5th av

KNISELY, H. C. CO. (Slate, Tin, Iron & Tile), 273 S Canal. (See adv. index, end of book)

Kominsky, Max, 194 W 12th pl
Krefting, Edw., 119 W Vanburen
Kubal, John, 599 W 17th
Kuhn, Alex., 229 Larrabee
Kyle, Geo. A., 80 Hudson av
Lachelc Bros., 2980 N Ashland av
Landquist, Oscar, 3532 State
Laubenheimer, Geo. E. Co., 1347 Carroll av
Lavin L. & Co. (Felt, Comp. & Gravel), 386 W 14th
Lawrence, H. R. & Co., 47 Michigan
Lawson, Hans, 150 N 48th av
Lewis, F. J. Mfg. Co., 218 La Salle
Lincoln Roofing Co. (Felt, Comp. & Gravel), 374 Center
Lloyd Iron Roofing & Paint Co., 99 W Monroe
Lorber, Bernhart, 2722 Magnolia av
Lothamer, Louis W., 200 W Lake
Lotto, Adolph, 370 Clybourn av
Ludowici Roofing Tile Co., 138 Washington
Lyman, Albert, 965 W Lake
Lyman, Wilfred C., 49 Michigan
Lyon Metallic Mfg. Co., 18 S Ann
McCarthy, John, 264 W Taylor
McCarthy, Jos., 423 N Clark

M'FARLAND, J. C. & CO. (Slate, Metal & Tile), 27th & 5th av (See adv. index, end of book)

McKeon, Christopher J. (Comp.), 791 Grand av
McKeown, John, 14 Rush
McMahon, M. J. & Co., 781 W 21st
McMillan, John H., 59 Kinzie
McMorran, Edw. E. & Co., 15 N Clinton
Maehler, Paul, 203 W Lake
Maguire, James S., 681 Warren av
Maguire, William H., 1260 W Monroe
Marnane, Jas. D., 328 S Centre av
Martin, Percy G., 83 N Clark
Mason, Jos., 443 W 12th
Maypole Bros., 60 S Canal
Mealor, J. & Co. (Comp. Felt, Gravel & Metal), 186 Washington
Michele, J. A. & Co., 186 Wash'n
Meister, Otto, 1048 N Kedzie av
Meilish, F. & Co., 45 Lake
Miller, Isaac E., 792 W Chicago av

MILLER, JAMES A. & BRO. (Slate, Metal, Tile, etc.), 129 S Clinton. (See adv. index, end of book)

Mitchell, Wm., 157 S Desplaines
Moore-Maguire Roofing Co., 138 Wash.
Morris, Jas. C., 43 26th
Morris Roofing Co. (Comp.), 565 N Robey
Mosheik, Phillips, 421 S Halsted
Motzer, John J., 31 N Clark
Munger & Cornell, 935 W Van Buren
Murdoch, William Co. (Felt, Comp. & Gravel), 145 La Salle
National Roofing Co., 3223 La Salle
Neely, Edw., 244 N Wells
Neil, Wm. & Co., 11 Dearborn
Newman, Alex., 2929 Wentworth av
North Chicago Roofing Co. (Felt, Comp. & Gravel), 128 E North av
Norton, Daniel H., 16 Churchill
Norton, John, 39 W Madison
Nyman, Aug., 3144 State
O'Brien, John, 215 S Clinton
O'Donnell & Wilder, 952 W 12th
Parker & Martin, 671 N Larrabee
Patent Vulcanite Roofing Co., 625 S Campbell av
Peerless Roofing Co., 456 W Taylor
Pelton, Alfred H., 3417 State
Peterkin, John, 98 Lasalle av
Peterson, Thos., 675 W Chicago av
Pilkey, Ernest A., 39 N Clark
Powell, M. W. Co. (Flax Felt, Wool Felt & Fiat Tile), 204 Dearborn
Powell & Jones (Comp.), 1119 Monadnock blk
Prairie, Frank, 3424 State
Prendergast, M. J., 3321 Butler
Purdy & Cauble (Felt, Comp., Gravel & Metal), 800 W 63d
Randolph, Charles W., 825 Clifton av
Raymaker, John, 461 W Lake
Redmond, Timothy J., 1583 Harvard
Reid, John L. & Co., 3924 Indiana av
Reif, Max A., 238 Evergreen av
Renaud, F. D. & Co. (Comp., Felt, Gravel & Metal), 184 La Salle
Renaud, J. P. & Co., 3719 Wentworth av
Reynolds, Harry, 1996 W Madison
Reynolds, Henry S., 4705 State
Rice, C. H. & Bro., 5654 Lake av
Richards, David M. Roofing Co. (Comp.), 240 31st
Richardson, G. W., 160 W 47th
Riddle, William J., 5726 5th av
Riebel, Fredk., 6508 State
Riedl, Anton, 1337 W Lake
Robinson, T. Wm., 1102 75th
Roessler, Albert H., 494 W North av
Rosenbaum, Hyman (Felt, Comp. & Gravel), 159 La Salle
Rosenow, E. P., 927 Otto
Rosenow Bros., 927 Otto
Rotsted, Wm. & Co., 483 Blue Island av
Rood, Geo. L., 110 Lake
Rotter, V. B., 745 S Halsted
Rotter, Wm. B., 1038 Milwaukee av
Rupp, Thos., 227 Ogden av
Ryan, Saml. R., 1115 N Halsted
Schanze, Fredk. H., 600 W 12th
Scheldein, Ernest, 31 S Canal
Schlundt, Fredk. M., 58 Blue Island av
Schmitz, Peter, 265 Mohawk
Schober, Emil W., 357 W Clybourn pl
Schultheiss, J. M., 96 W 14th
Seela, Max & Co. (Shingle, Tar & Gravel), 779 W 21st
Seidler, Lewis, 591 Noble
Shaffer, H. R. Co. (Comp.), 145 La Salle
Shaughnessy, Thos. W., 817 N Clark
Shinn Seth L., 700 W Lake
Shipley, Jos. T., 1341 S 40th ct
Shute, John W. Co. (Asphalt), 47 Market
Simpson, Robt., 257 W 57th
Slavik & Co., 425 Blue Island av
Spencer, George L. & Co., 138 Central Park av
Spiess, Edw. (Slate, Metal & Tile), 72 Orchard
Stamfield, Harry M., 79 5th av
Standard Roofing Co. (Comp.), 294 N Halsted
Steinbrecher, Rudolph, 820 N Maplewood av
Stieber, Jos., 400 N Ashland av
Stoops, G. B. & Bro. (Comp., Slate & Metal), 449 Grand av
Stowell Mfg. Co., 47 Market

SYKES STEEL ROOFING CO. (Slate, Tile & Metal), 600 S Morgan. (See adv. index, end of book)

Thiell, Geo. W., 89 S Hoyne av
Thorman, Gust., 684 W 14th pl
Tresham, Walter J., 57 Washburne av
Troxel, John, 645 W Kinzie
Tubbs, Watson E., 5748 State
Turner & Brady, 36 W Wash'n
Uhaler, Henry, 77 Fisk
Universal Cornice Works (Slate, Metal & Tile), 970 S Troy
United States Roofing Tile Agency, 218 La Salle
Vogt, Anton, 605 Root
Wagner Bros. (Slate, Metal & Tile), 1350 Diversey boul
Wainwright, John H., 4310 State
Warren, Jas. P., 261 Austin av
Wall, Wm. J., 138 Wash'n
Watson, H. F. Co., 12 S Clinton av
Westerman, Chris., 324 N Ashland av
Weil, Herman (Comp.), 591 N Wells
Weisskopf, Wm. & Son, 528 S Halsted
West, B. F. & Co. (Comp., Felt & Gravel), 217 W Madison
West Coast Co., 1023 Monadnock blk
Western Slate Mfg. Co., 74 W Monroe
Wheeler, B. W. (Comp.), 1074 58th
Wheeler & Thomas Roofing Co. (Comp.), 169 N Wells
White Bros., 1347 Fulton
Wickman & Gavie, 281 N Ashland av
Wilson, F. Cortez & Co., 239 Lake
Wilson & Friend, 368 Indiana
Wirth, Chas., 172 W Division
Woodley, Jas. C. & Co., 454 Clark
Worthington, Wm. R., 259 Rush
Wright, Wm., 1425 Fillmore
Wyatt, W. E. (Felt, Comp. & Gravel), 269 W Vanburen
Yeske, Robt. H., 468 S Western av
Young, Harry, 588 W Madison
Yeldham & Keusder, 269 W Van Buren
Zeh, Henry C., 830 S Troy
Zeller, John H., 3102 N Irving av
Zeller, Joseph, 3148 S Canal
Zenner, John P., 28 N Desplaines
Zobler, Otto, 153 W Chicago av

CLAYTON—Coe, E. B.
CLINTON—Killough, John
Watson & Watson

COATESBURG—Brosi, John A. & Son
COLLINSVILLE—Kluge Bros.
Ruemler, Charles

COLUMBIA—Wilde, Philip
CRETE—Diersen Hardware Co.
CULLOM—Cook, P. J.
DANVILLE—Bireline & Orr (Slate & Metal)
Brardt, Edw. H.
Dobbins & Lahr
King Bros. (Slate & Metal)
Koons, William U.

DECATUR—Adkesson, C. B.
Akers & Wilson
Dennis, B. M.
Fahey, M.
Morehouse & Wells Co.
Stewart, W. H. (Slate, Metal & Gravel)

DE KALB—Dunn, John
Rodman & Anderson
Sheets & Knodle Co.
DIXON—Considine, John
Howell, E. N. Hdw. Co.
Kelley, J. W.
Slothower, R. J.
DU QUOIN—Kimmel & Yehling
Miller, Harry C.
E. ST. LOUIS—Boyles, Frank P. & Co. (Gravel), 27 S Main
Golden, Geo. A.
Golden, Geo. A.
Haines, O. J. & Son
Schaub Hardware & Iron Co., 312 B'way
EDINBURG—Ballett, Jacob (Slate, Metal & Gravel)
EDWARDSVILLE—Bernreuther Bros.
Kellar, E. A. Co.
Kriege, W. C. & Co.
Tuxhorn Bros. Hdw. Co.
ELGIN—Barclay, D. F.
Dolby, George W.
Kimball-Dietrich Hdw. Co.
Meehan, William J.
Nish Bros. & Co.
Ziegler Bros.
ELMHURST—Fiebrandt, Henry
Most, William
EL PASO—Baker & Drury
Haas, Peter
Waite, A. H.
EVANSTON—Connor, J. C. Co., Davis
Connor, Thos. E.
Daley, Wm. & Co.
Drummond, A. & Co.
Peterson, N. G.
Schnetz & Moore
FAIRBURY—Schick, J. K.
FAIRFIELD—Harvey & Son
Martin, E. A.
Tullis, John W.
FREEPORT—Freeport Hdw. Co.
Freeport Plumbing & Heating Co. (Slate, Metal & Comp.)
Parker, M. L.
Wiess & Co.
GALENA—Asmus, C. A., 194 Main
GALESBURG—Galesburg Cornice Works
Murphy Bros. & Anderson (Slate, Metal & Tile)
Rearick, F. H. & Son
GENESEO—Becker, Theo.
Bolte, Hy
Hannon, Kidney & Ryan
Taylor, E. E.
GENOA—Clifford & Perkins
Sager, Thomas G.
GILLESPIE—Schmidt, F. E. & Co.
GOLDEN—Franzen & Miller
GREENVILLE—Sewald F.
GRIDLEY—McNaught, C. E.
Niergrath & Donnelly
HAMILTON—Kopp, Charles F.
Wetzel, L. F.
HAMPSHIRE—McGrath & Widmayer
HARRISBURG—Seten, R. & Son
HARVEY—Cassell, Isaac & Son
Green, William
Hilbish, D. H.
HAVANA—Geary, G. W.
Schill, Charles
HIGHLAND PARK—Kuist, C. A.
Purdy, D. C. & Sons
Sullivan, C. P.
HILLSBORO—Brown, Geo. W. (Slate, Comp. & Metal)
McDavid, J. L. & Co.
HINSDALE—Bohlander, Jno. & Sons
HOOPESTON—Brickey, M. V.
Moore, Jno.
Newston Bros. (Slate, Metal, etc.)
Werner, E. B. (Slate & Metal)
JACKSONVILLE—Brennan, J. F. (Slate & Metal)
Brady Bros. Hdw Co.
Gay, Geo. S.
Johnson, Hackett & Guthrie
Smith, H. L. & B. W.
JERSEYVILLE—Cory, J. E.
Daniels, H. S.
JOILET—Barthelme, Frank A.
Cundiff, Jas. H.
Meers, Robert
Poehner & Dillman
KANKAKEE—Blatchford, J. R. (Slate & Comp.)
Bregenzer, C. C.
Crevier, F. X.
Reuter, Henry (Slate, Iron & Comp.)
Sauer, Jacob
Schugman, F. A.
Troup, H. H. & Co (Felt)
KEITHSBURG—Smith, S. W.
KEWANEE—Butterwick & Bro.
Kennish & Cable
King, Ralph
KIRKWOOD—Kessler & Martin
KNOXVILLE—Parmeter, A. M.
LACON—Thompson, S. D.
LA GRANGE—Blaser, Jno.
Williams, E. P.
LAHARPE—Coulson, Brundage & Co.
Kellogg, Frank P.
LAKE FOREST—O'Neil, Jos. W.
O'Neill, Wm. J.
LA SALLE—Boyle, T. & Bro.
Heilstedt, A. E.
Herrcke, Robt. T.
Neely, I. K.
Rimmele, R. J.
LEBANON—Sager, C. H. Hardware Co. (Slate & Metal)
Stoffel Bros.
LE MONT—Friedley, F. T.
LEWISTOWN—Ewan & Purdy
Grier, Cullen
Simms, C. R.
LEXINGTON—Strayer, Sarah F.
LIBERTY—Austin, Cornelius
LIBERTYVILLE—Eger, H. B.
LINCOLN—Dehner, J. E. & Sons, (Slate & Tin)
Yeager, Edw. W.
Reinhardt's M. Sons
LITCHFIELD—Rhodes, Thos. & Son
LOCKPORT—Adams & Scheidt
O'Connell, Wm.
LONDON MILLS—White & Wolford
LYONS—Bittig, Chas.
Waller, Fred.
MACOMB—Campbell Bros.
Sperry, W. S.
MANITO—Marshall, J. A. & Co.
MARSEILLES—Wilson, M. & Son
MARTINSVILLE—McNary, Byron
McNary, H. V.
MASCOUTAH—Guth, E. G.
Keller, B. R.
Stoffel, J. W.
MASON CITY—Chambers & Son
MATTOON—Mattoon Slate & Cornice Co. (Slate & Metal)
Webber & Hershey
MAYWOOD—Meyer, Frank
MECHANICSBURG—Freeto, J. H. (Est. of)
MELVIN—Stathers, W.
MENDON—Chittenden, J. R.
Thompson, Wm.
MENDOTA—Edwards Hardware Co.
Hoffman & Wittgan
Schultz Bros.
METROPOLIS—Craig, J. H. & Co.
MILAN—Kale, Wm.
MILLSTADT—Nolte, Geo.
MOLINE—Berglund, C. A. (Metal)
Quick & Willis Co.
Reid & Witter
Samuel, W. B.
Stow, B. F.
MOMMENCE—Astle, Chas. B.
Melby & Hanson
MONMOUTH—McCullough Hdw. & Impl't Co.
Schuessler Hardware Co.
Van Valkenburg & Son
MONTICELLO—Harris, Henry P.
MORRIS—Cronin Bros.
Donahue & McKillop
Handewerk, F. B. & Co.
MORRISON—Robinson, Wm. G.
Sauer, H.
Woods, Oscar
MORRISONVILLE—Wyckoff, C. A.
Storm & Boling
MORTON—Reuling, Fred.
MOUND CITY—Hough, W. W.
MT. CARROLL—Campbell S. J.
Jessen, Otto
Squires, Thos.
MT. STERLING—Breidenband, J.
Briggs, Hersman & Parker
O'Neil, Martin A.
MT. VERNON—Hinman & Mathews
Stratton, R. L.
Warmen, E. F.
MURPHYSBORO—Haywood, C. & J.
Stoetzle, John
OAK PARK—Gair, Hugh
Kaltenbach, H. W.
Steger, Peter
OLNEY—Jolly, J. B. & J. F.
ONARGA—Amerman, M. T.
Egley Bros.
OREGON—Gilbert, F. M. & Son
Sheets, B. F. Co.
OTTAWA—Clegg, John W.
Jordan, R. C.
Pearson, S. S.
Smeeton, Henry, 109 Main
Walter, Jno., 312 W Main
PANA—Brown & Custer (Metal & Comp.)
Haywood, H. L.
Lohr & Paul (Slate & Metal)
PARIS—Bovell, J. B. (Slate & Metal)
Hannah, A. A., Jr.
PAXTON—Corbett Bros.
Cruzen, R. Co.
Kemp Bros. & Hopkins
Paxton Hdw. Mfg. Co.
PEKIN—Jaekel & Son
Pekin Hdw. Co.
PEORIA—Aylward, R. C. (Slate & Metal), 916 N Adams
Becker, John P., 1506 Main
Bushell, A. A. & Son (Slate & Metal & Gravel), 1317 S Wash'n
Ehlen, H. J., 608 S Adams
Fautz & Valentine, 802 Main
Folkers, Theo., 1714 Knoxville av
Hunter & Strehlow (Slate & Metal), 114 S Adams
Jennings, Max., 107 Fulton
Johnson, Chas Hdw. Co. (Slate & Metal), 2023 S Adams
Kavanaugh, P. H., 227 S Madison av
Kellerstrass & Hierspiel, 1926 S Adams
Louis, N. J. & Co. (Slate, Metal & Comp.), Maple & Forsythe
Meyer, F. & Bro Co. (Slate & Metal), 1313 S Adams
Russell, H. V., 1110 N Adams
Sandmeyer, H. & Co. (Slate & Metal), 215 S Adams
Stuber & Kuck, 100 Walnut
Tammen, John S., 3105 N Adams
Traeger, Fred'k W. (Slate, Metal & Steel), 719 Main
Weers, Anton B., 1227 S Adams
Wilson, Robt. L. & Co., 3017 S Adams
PERU—Soedler, Geo.
Widman & Loeckle
PETERSBURG—Clary, W. P.
Seese, C. A.
PINCKNEYVILLE—Stookey, V. A. & Son
PITTSFIELD—Clayton Hardware Co.
Lloyd Hardware Co.
PLANO—Sears, A. H. & Co.
Stahle, Henry
PRINCETON—Cowley, T. C.
Downer, H. J.
Gibbs, H. D. & Sons
Glynn, John & Co.
Priestley Hdw. Co.
QUINCY—Albright Bros. (Gravel)
Berghofer & Ohnemus (Slate & Metal), 510 Jersey
Fortkamp & Winking (Slate, Metal & Gravel), Main
Schaller, Geo. C., 1110 B'way
Thoele, Wm. H., 700 S 8th
Wurst, C. H. Co., 649 State
ROCK FALLS—Derbyshire, S. S. & Son
Taylor, E. W.
ROCKFORD—Allen, John C. (Tar & Gravel)
Clark, J. L. Hdw. Co.
Derham, Wm. H.
Drake Hdw. Co. (Slate & Metal)
Gregory, E. S.
Griffin, J. C.
Haegg & Kuhlin
Hulse, M. A. (Slate, etc.)
Hunter Hdw. Co.
Ralston, J. B. & Son
Skandia Hdw. Co.
ROCK ISLAND—Allen, Myers & Co., 1821 2d av
Bertelsen, Jno. (Slate & Metal), 523 22d
Lewis Roofing Co. (Asphalt, Gravel & Felt), 2325½ 3d av
Noftsker, D. E. (Slate & Metal), 1712 4th av
Noftsker, J. T., 303 20th
Rock Island Roofing Co.
Siemon, Henry T., 1316 3d av
RUSHVILLE—Griffith Hdw. Co.
Hartman, Geo.
Nell Hdw. Co.
Sylvester & Parrott
SHELBYVILLE—Lantz Bros.
SPRINGFIELD—Blakesley & Sons
Edmands, C. H.
Foster, Wm. H.
George Bros.
Henson, Robinson & Co. (Slate & Metal)
Kibele Bros., 519 Monroe
Kreigh, E. M.
Lauterbach, Peter
Mathies, R.
Moorhead, Wm. C.
Neuman, J. C. (Asbestos & Metal)
Winters, Edgar
STERLING—Davis & Wilkinson
Flock, H. J.
Janssen, H. T.
Phillips, J. E. & Co.
Taylor, F. R. & Co. (Slate & Metal)

STREATOR—Alband, John
Howe, L. D.
Jones, J. H. & Son (Slate & Tin)
Power & Williams
SYCAMORE—Haight Bros. Hdw. Co.
Ohlmacher & Root
Whittemore & Brower
Wiseman, G. B.
TAYLORVILLE—McGahan, Wm. H. (Slate & Metal)
Powell, H. M. & Son (Metal & Tin)
TOULON—Ward, C. D.
TRENTON—Koentz, L. M.
TUSCOLA—Cox, C. E.
UPPER ALTON—Hoffman, J. E.
URBANA—Green, J. D.
Hubbard & Sons
VIRGINIA—Lang, F. C.
Meade, Thos.
WAUKEGAN—Dodge, W. H.
Hull & Bangs
Lanyon, J. & Son
Melody, Wm. A.
WELLINGTON—Galloway & Son
WENONA—Barrett, Frank
Moulton, N. T. & Son
WHITE HALL—Brantzel, M. G.
WILMETTE—Hubbell & Jenkins
WYANET—Olds & Hamilton

INDIANA.

AKRON—Miller, Jno.
ALBANY—McCormick & Sons (Slate, Gravel & Metal)
ALBION—Baughman, D. L. (Asbestos)
Berger, J. D. (Metal & Felt)
Martin, H. F.
ALEXANDRIA—Alexandria Tin & Cornice Co.
ANDERSON—East, D. C. & Son
Nichol, Makepeace & Co., 71 N Meridian
ANGOLA—Crubaugh, Wm.
Woolford, Walter M.
ATTICA—Green, L. M.
Powell, Thos. M.
AUBURN—Beuret, J.
De Kalb Hdw. Co.
AURORA—Excelsior Iron Roofing Co. (Slate & Metal)
Langley, A.
Spaeth, H. P. & Co.
BATESVILLE—Krieger, Wm. & Son
Schene, Theo. (Slate & Metal)
Schrader, H. F. E.
BEDFORD—Malott, C. G.
Ramsey Hardware Co.
BERNE—Wittwer, Wm.
BLOOMINGTON—Allen Hdw. Co. (Gravel, Slate & Metal)
Davis Hdw. Co. (Gravel, Slate & Metal)
Hughes Bros.
Mooney, Wm.
BOONVILLE—Kinderman, Wm.
Shafer Bros.
BRAZIL—Hawkins, O. C.
BREMEN—Steinick, J. H.
BROOKVILLE—Fieber & Holmes
BROWNSTOWN—Balles, W. R.
CAMBRIDGE CITY—Hollowell, Jos.
CARLISLE—Risinger & Ellis (Slate & Metal)
COLUMBUS—Brooks Bros. (Slate & Metal)
Browning, Thos. A.
Schwartzkopf, J. G. & Son (Slate & Metal)
Volland, F.
CONNERSVILLE—Cain, Harry
Devor, Wm.
COVINGTON—Coffing, T. M.
Mayer, M., Jr.
Tinsley, Chas. H.
CRAWFORDSVILLE—Bappert, A. & Son
Burdin, J. C.
Davis, Frank
Schenk, Henry T.
DELPHI—Barnett & Mohr
Hatfield, Curtis V.
ELBERFIELD—**Skinner & Ziegler**
ELKHART—Borneman & Sons
Garvin & Co.
Jones, A. A.
Laidlow, Frank
Moran & Watson (Gravel & Comp.)
ELWOOD—Haskell, John
Hodson-Dawson Co.
Stokes, Jas. & Co.
Taylor & Sons
EVANSVILLE—Anchor Roofing Co. (Felt & Gravel), 128 U Water
Anchor Roofing & Paving Co. (Gravel), 915 River Front
Anchor Supply Co. (Asphalt & Gravel), 128 U Water
Bedford, Geo. (Slate), Washington av & Bedford pl
Bohn, Chas., 1319 Main
Bush, E. M. Hardware Co. (Felt & Gravel), 505 Main
Cook & Adkins (Metal), 812 U 6th
Groeninger, J. J. & Co. (Metal), 400 L 2d
Jurgensmeier, Edw. (Slate), 610 E Columbia
Koch, Geo. Sons (Gravel & Metal), 1014 W Penna
Koch, H. & Sons (Metal), 221 E Penna
Kohl, Nick, Jr. (Metal), 417 U 6th
Kreipke & Co. (Metal), 210 W Franklin
Lohse, H. & Co. (Metal), 7 2d av
Moran, Mich'l & Son (Metal), 316 U Water
Oslage, E. B. & Co. (Metal), 512 Main
Pfender Bros. (Metal), 804 3d av
Puder, Fred (Metal), 730 Vine
Schminke, H. & Co. (Slate & Metal), 1 2d av
Schmitt, Aug. & Sons, 607 Main
Swormstedt & Sonntag (Felt & Gravel), 516 Main
Tardy, Frank (Felt & Gravel), 112 U Water
Thiele, I. A. (Metal), 108 U 3d
FAIRMOUNT—Bryan, A. D.
Dale, J. W. (Slate & Metal)
FT. BRANCH—Lawton, F. P.
Stone, W. I.
FT. WAYNE—Ash, H. J.
Freiburger Hdw Co., 360 Calhoun
Gerding & Aumann Bros. (Slate, Metal, Asphalt, etc.), 115 Wallace
Griffiths, A., 110 B'way
Gunkel & Son, 38 Swinney
Schlatter, C. C. & Co., 38 E Columbia
Seavey Hardware Co., 19 W Main
Staub, A. H., 22 E Columbia
Welch, J. H. & Sons (Tile, Metal & Asphalt), 190 Calhoun
GAS CITY—Garthwait Hdw Co.
GOSHEN—Hawks Hardware Co.
GOSPORT—Burkett, A. H.
GREENCASTLE—Meltzer, Chas H.
Owl Mercantile Co.
GREENFIELD—Banks, A. J. & Son (Slate, Tin & Steel
Grifey, Squire
GREENSBURG—Corbett & Rohe (Slate, Metal)
Mendenhall & Spillman (Slate & Metal)
HAMMOND—Campbell, A. J.
Minas, E. C. Co.
Mueller, P. H.
HUNTINGBURG—Dufendach Hdw. Co.
Shurig, Chas.
HUNTINGTON—Bridge & Weese
Culver, E.
Lew, J. C.
McCartney, Geo.
Miller, Christian
Nave & Provines
Reichenbach & Wickenhiser
Stevens, E. M. (Slate)
INDIANAPOLIS—Abel & Doyle (Slate & Metal), 229 Indiana av
Albrecht, Chas., 874 Mass. av
Bakemeier, Andrew H., 828 W Pratt
Black, Wm. H., 1244 W Wash'n
Bouvy, Julius H., 919 Virginia av
Braughton, McCullough, 604 E Walnut
Brown, Jos. H., 118 Prospect
Cooney & Geiger, 19 E South
Cox, Rich'd, 916 E 6th
Crompton, Ebenezer, 908 Ft. Wayne av
Enders, Aug., 1006 E 6th
Enners, Chas. H. & Co. (General), 408 Mass av
Ensey, Orvis B. (Slate, Gravel & General), c 15th & Illinois
Eschenbach, Moritz, 1718 Madison av
Escher, Jas., 901 S East
Escol, Hyman, 918 S Capitol av
Fehr & Fehr, 1904 College av
Fitzwater Bros., 2721 W Michigan
Franklin, Sam'l, 2731 Isabella
Gardner, Jos. (Slate & Copper), 41 Kentucky
Gauss, Chas. A., 709 Russell av
Grubb, Norval D., 1226 Oliver av
Guarantee Roofing Co. (General), Union Trust bldg
Hadley, Thos. E., 146 Kentucky av
Harman & Hall (General), 137 W Wash.
Hawkins-Rollyn Co., 322 E Market
Heil, H'y V., 768 Shelby
Hoover, John J., 1031 Davis
Hoover, Ralph P., 1031 Davis
Humphreys, M. E. (Slate & Metal), 223 S East
Humphreys & Sargent (General), 124 E Court
Indiana Tinware Co., 108 S Penn.
Indianapolis Roofing Material Co. (Asphalt), 322 Bright
Indianapolis Steel Roofing & Corr. Co. (Steel, etc.), 23 E South
Kalb, John, 1419 N Illinois
Laing, Sam'l, 529 S Missouri
Lavery, Thos. R., 642 E Wash.
Laut, H. W. & Co. (General), 630 E South
McCready, Benj. F., 942 Ft. Wayne av
McWorkman, Willard (Slate & Metal), Stevenson bldg
Mast, G. J. Heating Co., 643 Mass. av
Off, Christian & Co. (Slate & General), 434 E Washington
Powell, Geo., 335 Virginia av
Quack, Chas. C., 1150 Spruce
Reeder, Ralph R., 312 E 16th
Roland, Herman A., 1412 Kennington
Sahm, Louis, 89 E Mkt. House
Sheppard, Wm. C., 1104 Udell
Shick, Emory L., 1575 Roosevelt av
Sims, Jas. A. (General), Builders' Ex.
Smith, Arthur, 18 N Senate av
Smith, Florian O., 531 E Wash.
Smither, H. C. Roofing Co. (Tar, Pitch & Gravel), 330 S Penn.
Smither, T. F. (Comp., Asphalt & Pitch), 301 W Maryland
Steeb, John, 421 Iowa
Symmes, H. H. Co. (General), Board of Trade bldg
Troy Bros., 142 S Delaware
Turner, Major W. (General), 405 Dorman
Vereggc, Albert J., 872 W Michigan
Weinland, Edwin B., 3015 Western av
Willis, Jonathan, 932 Indiana av
Zimmerman, C. & Sons (Comp., Slate & Metal), 19 S East
JEFFERSONVILLE—Lindley, Thos. J.
Timmonds & Stancel
JONESBORO—Jackson Bros. (Slate & Metal)
KENDALLVILLE—Loomis, Edgar S.
Zern & Bliss
KNIGHTSTOWN—Kennard, F. M.
Verry, George W.
KOKOMO—Armstrong-Landon Co. (Slate & Metal)
Jackson, M. H.
Rayburn, H. H.
LAFAYETTE—Boyle & Wilkinson (Asphalt, Gravel, etc.), 53 South
Cassell, Henry & Son, 511 Wood, W. L.
Co-operative Tin Shop
Hicks, John B. & Son
Howe & Shipley (Slate & Metal), 336 Main
Mertz-Neumann Co. (Slate & Metal), 223 Columbia
Reitemeier, F. & Son, 203 Columbia
Schimelpfenig, Chas. (Slate & Metal), 822 Main
Westfall-Moore Hdw. Co.
Wheeler, H. M. & Son
LAPORTE—Bishop, L. D. (Comp. & Gravel)
Crane & Rathburn
Decker Bros.
Lower's, Jas. Sons
Stewart, Jno. D., Jr.
Webber, Hdw. Co.
Wilhelm, Hy C.
Wunsch, E.
LAWRENCEBURG—Barrott, E. & Son
Kidd, H. G.
Stuber, F. & Son
LIBERTY—Fosdick, B. S. & Son
Peters, H. C. & Bro.
LOGANSPORT—Barnhart, Jno. & Son
Cline Bros.
Dilley, C. L. & Co. (Tar & Gravel), 515 Market
Eberlein, C. Augustus (Metal & Slate), 505 12th
Shufe & Van Steenburg
LOWELL—Burnham Bros.
Death, George M.
MADISON—Adams, John (Slate & Metal)
Eckert, John Sons
Hoffman & Quinn
MARION—Beshore, Chas. (Metal & Slate)
Clifford & Teegarden
Curran, F. V. (Gravel & Tar)
Hegerty, M. F. (Slate, Iron, etc.)
Hollinger, M. G. & Co. (Slate & Metal)
McDonnell & Murphy
McIlwain, Thos. (Comp.)
Oder Hardware Co.
Swanger & McClane (Slate, Iron, etc.)
Whisler Hdw. Co.
MICHIGAN CITY—Bartholomew & Co. (Slate
Dewolfe, J. E. & Co.
Klopsch, Otto & Son
Staiger Hdw. Co.
MILTON—Hoshour, Philander J.
MISHAWAKA—Albert & Hunsburger
Distler, Jno. C.
Lang, O. E. & Co.
Swanger, J. Q., Jr.

MT. VERNON—Gronemeir's, S. H. Son
MUNCIE—Cook & Miller
Warfel, Wm. H.
Wells, A. T.
Young & Kessler
NEW ALBANY—Huncilman, R. A.
Lindemann, A.
Lewis & Creed
Miller, A. & Bro.
Plumer & Co.
Scales, Wm.
Smith, M. G.
Stoy, P. R. & Son
Walter, John J.
NEW CASTLE—Michael, C. A. & Son
Webster, D.
NOBLESVILLE—Clark Supply House (Felt & Steel)
Essington, J. G. (Tin, Tar & Gravel)
Longley, W. E.
Michaels, Milton & Son
Thompson, Jacob (Iron & Tin)
N. MANCHESTER—Frame, D. & Son
Lockwood, J. B.
Stewart & Noftzger
PETERSBURG—Lorcy, Jas. E.
PLYMOUTH—Eich, Chas. J.
Yarrick, C. O.
RICHMOND—Ireton, Hy. E.
Johnson, Peter Co.
Johnson, Thos. H., 1018 Main (Slate, Metal & Gravel)
Johnson & Roland (Slate & Metal)
Locier, Edw. (Slate & Metal), 602 S 11th
Schultz & Laning, 186 Ft. Wayne av
Shafer, W. J., 1608 Main
RUSHVILLE—Beale, John S.
Clark, M. B.
Worth, Chas. Co.
SEYMOUR—Binder & Co. (Slate, Metal & Gravel)
Cordes Hardware Co. (Slate, Tin & Iron)
Frederick, Geo. M. (Slate, Tin & Iron)
Kessler Hardware Co. (Slate & Metal)
Union Hardware Co.
SHELBYVILLE—Brown & Loehming
Griffey, A. G. & Co.
Howard, L. (Slate)
Pearson, J. C. & S. (Slate)
SHERIDAN—McCarthy, Wm. R.
Scott, Geo. W.
SOUTH BEND—Beyrer, John (Comp.)
Folsom, Chas. G. (Gravel & Comp.)
Lauber & Weiss (Slate & Metal)
Meyer, G. E. & Son (Slate & Tin)
Sibley, I. A. (Slate & Tin)
Zeltner Bros.
SUMMITVILLE—Davis, A. J. & Son
TERRE HAUTE—Austin, A. G. & Co.
Batten, Jas., 1441 S 7th (Gravel & Comp.)
Bukenhofer, Thos., 1374 Wabash av
Dudley, A. W. & Co.
Fenner, S. L. Hdw. Co., 1200 Wabash av
Freitag, Weinhardt & Co.
Fromme, A., 1701 S 7th
Kanzleiter, Fred. G. E., 523 Lafayette
McAdams, John (Slate & Tin), 1409 S 2d
Manion, John (Slate & Tin), 905 Main
Moore, Jas. T. (Slate & Tin), 725 Wabash
O'Connell & O'Dowd
Smith, C. C. Sons Co. (Slate & Tin), 30 Wabash
Terre Haute Stove & Furnace Co.
Townley Stove Co. (Slate & Metal), 429 Wabash av
Wuest, R. (Slate & Metal), 22 N 4th
TROY—Lindauer, Anton
UNION CITY—Kerr, Wm. & Sons
Shank, E. & W. A.
Shugar, J. W. & Son
VALPARAISO—Patrick, J. H. & Son
Wilson, Jas. W.
VEVAY—Goldenburg, W. F. (Metal), 412 8th
VINCENNES—Dubois, F. W.
Smiths', N. Sons
Watson, H.
WABASH—Carpenter Bros.
Dickover, M. A.
King, McNamee & Hipskind
Laidlaw, Walter (Slate)
Lawrence, Russell
WASHINGTON—Carnahan, M. J. Co.
Hatfield & Palmer Co.
McCarty & Smith
Walter, E. C.
WINCHESTER—Hoffman, D. E. (Slate)

INDIAN TERRITORY.

ARDMORE—Berryhill, Frank
Weeks Bros.
CHICKASKA—Hollingsworth, C. P. & Co.
DAVIS—Page, J. C.
DURANT—Coon & Pearce Bros.
EUFAULA—Ballauf, F. W.
MARIETTA—Kisselburg, E. T.
MUSKOGEE—Barry, M. & Co.
Bellis, A. B.
Yates, S.
PAULS VALLEY—Braden, R. E.
SOUTH McALESTER—Harmon, Wm.
McAlester, J. B. Hdw. Co.

IOWA.

ACKLEY—Carstens, J. F. & Sons
Wieneka, C. L. H. (Gravel)
ALBIA—Barger, C. S. (Slate)
Duncan & Duncan
ALGONA—Robinson, J. W.
ANAMOSA—Scott Bros.
Trester, D. C.
ATLANTIC—McCurdy, V.
Shoudy Bros. (Metal & Asbestos)
AUDUBON—Hoover, G. W.
McKarahan, Jno. M.
BOONE—Anderson & Nelson
Deering, Chris.
Johnson Hdw. Co.
Noland, L. C.
Wheelock, W. M.
BURLINGTON—Brand, Wm.
Forney, J. H.
Haffner, Chas.
Hillen, C. F.
Kaut & Kreischbaum
McMillan, E.
Scott, J. M. & Co.
Wagner, J. F.
Woellhaf, Otto J.
CEDAR RAPIDS—Connor, A. H. (Comp.), Masonic Temple
McDonnell Bros.
Swab, C. H. & Co.
Wagner, Clinton D.
CENTERVILLE—Goss, Joseph & Son
Peatman, C. A.
Van Lent, W. H.
CHARITON—Ensley, G. W.
Larimer, H. H.
CHARLES CITY—Angell, E. I.
Holbrook, E. W.
Peckham, J. E.
Snyder Bros.
CHEROKEE—Millard, W. H.
CLARENCE—Jons, Henry A.
CLARINDA—Dunlap & Co.
Spring, Jno.
CLINTON—Armstrong, C. E. & Co. (Slate, Iron & Tin), 238 5th av
Calnan, W. H.
Hansen, H. C.
Woodbury, E. N. Co.
Wulf, Peter C.
CORNING—Okey, A. F.
COUNCIL BLUFFS—Amy, W. S.
Devol, P. C. Hardware Co.
Jones, H. R.
Grahl-Petersen Co.
McMahon Roofing Co. (Asbestos, Gravel, etc.)
Peterson & Shoening Co. (Slate & Metal)
Swaine & Mauer
CRESCO—Lomas, T. J. & Son
Miller Bros.
Strayer, E. C.
CRESTON—Edgerton, E. E.
Patt, Jas. H.
DAVENPORT—Brauch, John C.
Hipwell, Chas. G. (Slate, Iron, etc.), 430 Main
Hender, Walter E. Co., 219 Brady
Lerch, A. J. Co., 120 W 3d
Lewis Roofing Co. (Asphalt & Comp), 223 3d
Schebler Bros.
Wriedt, E. F. & Son
DECORAH—Bidne & Istad
Hoyt, E. W.
McMasters & Co.
Riste & Hangenson
DENNISON—Romans J. B. Co.
DES MOINES—Backman, J. A., 524 E Grand av
Barrick & Son (Asphalt, Slate & Metal), 911 Walnut
Drake Roofing Co. (Gravel & Slate), 210 5th
Ensminger, S. F., 616 E Grand av
Fisher Bros. (Metal & Slate), 714 Locust
Kurtz, L. H. (Metal), 600 E Grand av
Nelson, A. V. Co., 600 E Grand av
Nichols Roofing Co. (Gravel, Composition & Asphalt), 200 W 4th
St. John & Barquist Co. (Slate, Gravel, Tin, etc.), 418 8th
Sheldon, Geo. W., 811 Locust
Steel Roofing & Stamping Works (Metal), 506 Jeff'n
Thomas Plumbing Co. (Metal), 612 E Grand av
DUBUQUE—Gruber, W.
Key City Roofing Co. (Gravel & Asphalt)
Klauer Mfg. Co. (Slate, Tile & Metal), 1351 Iowa
Lalley, James
Lyons & Lyons (Slate & Metal), 172 Main
Oswald, Chas. J.
Ris, J. F. & Bro. (Metal), 648 Main
ELDORA—Stauffer, Chas. F.
ELKADER—Brown & Bahr (Gravel)
ESTHERVILLE—Bemis Bros.
Jewell, J. B.
FAIRFIELD—Gaines Bros.
FONDA—Fitch & Burson
FORT DODGE—Craft Hdw. Co.
Fort Dodge Plumbing & Heating Co.
Leighton Bros.
Vincent, Harry S.
FORT MADISON—Barbour, E. C.
Cooney, H. C.
Guenther, Peter
Smith, Geo. H. & Elkin
Vollers, E.
Yotter & Yachel
GLADBROOK—Brauch, George
GRINNELL—Marvin Bros.
Miles, G. L.
HARTLEY—Messer, E. B. & Son
Smith, S. A.
IDA GROVE—Sauer, Martin
Van Dohren, John (Estate of)
INDEPENDENCE—Allen, E. S. S. & Bro.
Plane, I. C.
INDIANOLA—Farley, Geo. T. & Co.
IOWA CITY—Kurz, Geo. E.
Marcsh Bros. (Slate & Metal)
Miller & Miller
JEFFERSON—Bofink, Chas.
Brandon, Geo. F.
Lawton Bros.
KEOKUK—Geiger, Aug.
Hanson, Andrew
Inman, Geo. W.
Vollers, Frank
LAKE MILLS—Styve & Sons
LE MARS—Edmunds, D. R.
Haas & Huebsch
LIVERMORE—Leighton, J. W. (Metal, Rubber & Gravel)
Reilly, P. & Son
LYONS—Heupel, Wm.
Magnussen, C.
Parker, G. W. & Co. (Slate & Tin)
MALCOLM—Vogel, W. F.
MANCHESTER—Carhart & Nye
Whitney, H. F.
MAQUOKETA—Ringlep Hardware Co.
Trout & Matthais
MARENGO—Dean, J. M.
MARSHALLTOWN—Abbott & Son (Steel & Tin)
Coulton, David (Est. of)
Heinz, Edw. (Slate, Steel & Tin)
Mack, E. & Perry, L.
Painter, W. R.
MASON CITY—Currie Hardware Co.
Daggett, B. B.
Mica Insulating Co. (Gravel)
Midland Sheet Metal & Cornice Works (Slate, Tile & Metal)
Miles Hardware Co.
MISSOURI VALLEY—Ford, C. W.
McGavren, J. R.
MONTEZUMA—Laing & Pearce
MORNING SUN—Selzer Hardware Co. (Slate & Metal)
MT. UNION—King, H. G.
MUSCATINE—Fisch, Geo. B.
Fisch, Jacob & Sons
Herr, Nicholas
McQuesten & Sawyer Co.
Thompson Bros.
NEW HAMPTON—Garmen & Forkenbrock
Marr Bros. (Slate & Metal)
Ure, E. J.
NEWTON—Baldwin & Morton
Failor, S. & Son
Griebeling, C.
Scharf, Chas.
Seeberger, Chas.
NORTHWOOD—Amundson, Alex.
Ofthus, J. K.
OELWEIN—Perry, Edson
Ridler, Bennett & Auten
OSAGE—Kingsbury, J. B. & Co.
Miniger, H. A.
OSKALOOSA—Iowa Mfg. Co.
Phillippe, E. Webb
Ritchie, W. E. (Gravel)
Stewart, S. J.
Wells, Watts & Stump

OTTUMWA—Harper & McIntyre Co.
McCarroll Bros. (Slate & Metal)
McIntyre, W. A. & Co., Main st
Miller, C., Main st
PELLA—Tenhagen, P. & Son
Van Zante Bros.
PERRY—Gilbert, T. J.
Miller Bros.
RED OAK—Maloney & Son
ROCK RAPIDS—Manwaring Bros.
ROCKWELL CITY—Dixon Bros.
Woolson Bros.
SAC CITY—Bauer, W. P. & Co.
Martin, Geo. A.
Young, W. S. & Son
SHELDON—Messer, E. P. & Son
SIOUX CITY—Baker Hdw. Co.
Eidt, Julius
Falkenhainer, Geo. B.
Gillette Hdw. Co., 620 4th
Hamlett & Son
King, Thos. A.
Orcutt Co., 1012 4th
Snell, J. H. & Co.
SPENCER—Bisbee, J. L.
Leach & Thompson
STATE CENTRE—McMahon, J. L.
Schilling Bros. (Slate, Comp. & Gravel)
STORM LAKE—Nattress, Eggy & Son
TOLEDO—Conant, A. H.
VILLISCA—Banes, J. S.
Jones, F. F.
VINTON—Allen & Gilchrist
Robinson, S.
Vinton Steel Works Co.
WAPELLO—Bettler, Chas. L.
Levy, Theo.
WASHINGTON—Stewart, Geo. Hardware Co.
WATERLOO—Berkley, C. M.
CUTLER HARDWARE CO.
Julien, Wm.
Kentzelman, I. M.
Kramer & Bachtell
Schiel & Corson
Taft, C. W. (Asbestos, Metal, etc.)
Waterloo Lumber Co.
WAVERLY—Curtis, S. H. & Co.
WEBSTER CITY—Mason, F. R. & Son
Merchant, F. M.
WEST UNION—Hoyt & Lawyer (Metal)
WINTERSET—Benge, J. E.
WOODBINE—Young & Sweet

KANSAS.

ABILENE—Deihl & Davidson
Hodge Bros.
Smith, M. J. & Co.
ANTHONY—Costa, Jas. J.
Wormington, J. W.
ATCHISON—Atchison Cornice Works (Slate & Metal)
Klostemeir Bros. (Slate & Metal)
Pullen, Chas. (Comp.)
Walcott, H. C. (Slate & Metal)
Weinmann, C. F.
CHANUTE—Colaw & Montague
Weeks, W. H.
CHETOPA—Bedell, E. W. (Asbestos & Tin), Maple, btw 3d & 4th
Lyon Bros. (Asbestos, Tin & Rubberoid)
COLUMBUS—Scovell, H. A.
CONCORDIA—Belisle, E. A.
Robinson & McCrary
Sweet Hdw. Co.
COUNCIL GROVE—Gibson & Davidson
Snider, J. F.
EL DORADO—Pattison Bros.
Turner, C. L.
EMPORIA—Haynes Bros.
Hoffer & Lepper
Knapp, O. H. P.
Peters Hardware Co.
EUREKA—Young, S. P.
FT. SCOTT—Brunny, John
Congdon, D. C. (Slate & Metal)
Crane, C. C. Hardware Co.
Penniman, A. C. & Son (Gravel & Tar)
GARFIELD—Waymire, N. O.
GIRARD—Hertner, H. E. (Slate & Tin)
Hitch, W. S.
GLASCO—Davidson, L. F. & Co. (General)
GODDARD—Linnebur, H. C.
GREENLEAF—Thinness Bros.
HIAWATHA—Amann, G. & Son
Daeshner, F.
Hull, J. M.
HUTCHINSON—Carr, E. L.
Nelson Bros.
Sawyer, F. W. Plbg. & Htg. Co.
IOLA—Shannon, T. B.
JETMORE—Hodgeman County Hardware & Furniture Co.
JUNCTION CITY—Barker, E. E.
Grentner Hardware Co.
Muenzenmayer, J. J. & W. F.
KANSAS CITY—Bartlett, F. W., 538 Minnesota av
Beard & Cooper, 903 N 5th
Curry, H. S., 706 Central
Fults, A. W., 845 Minn. av.
Gille & Plank, 630 Kans av
Hance, P. R., 748 Minn. av
Haskell Bros., 522 Minn av
Hatton Bros., 11 N 10th
Hulit, R. J., 1019 Osage
Kansas City Kans. Gravel Roofing Co., 548 Minn. av
Kastner & Smith, 505 Minn. av
Laughlin, J. C., 33 S James
Lake Shore Furnace Co., 20 N 2d
Major Bros., 712 Kas. av
Muir Bros. & Thompson, 744 Kas. av
Powers, J. H., 651 Kas. av
Pulver, Frank, 1005 Osage
Reyburn, Jos., 1133 Osage
Rothwell, J. T., 1011 N 5th
Sallee, Wm., 849 Minn av
Schultheiss, G. A. & Son, 435 Minn. av
Steele, H. G. Furnace Co., 433 Minn. av
Strobel, Theo., 727 Osage
Timmer, Joe, 11 Central av
Turner, O. L., 1011 N 5th
Voss, John W., 1810 N 5th
Walsh, J. J., 1820 N 5th
Weinberg, M., 27 Central
Wright, Wm. J., Jr., 743 Minnesota av
LARNED—Doerr, A. A.
Frizell Hdw. Co.
LAWRENCE—Benson, J. A.
Broeker, H.
Grayson & Reinisch
O'Brien & Co.
Penchard, W. E.
Shaw, Alex. & Son
Storm, A.
LEAVENWORTH—Foley, Jas.
Hoffman, S. C., 713 Shawnee
Meincke, J., 507 Cherokee
Naeher, Thos., 324 5th av
Reyburn, T. T., 5th c Cherokee
Varney Htg. & Mfg. Co. (Metal), 323 Cherokee
Zeitz, G. F., 117 N 3d
LITTLE RIVER—Kaufman, J. D.
M'PHERSON—Nelson, F. E.
Sellars, A.
Sellars, Wm. A.
Street, F. D.
MINNEAPOLIS—Agnew & Son
McConnell & Son
MITCHELL—Hindes, W. P.
NEODESHA—Ditto & Smith
NEWTON—Bergh, Wm. (Slate & Metal)
Follett, G. R. & Co.
NO. TOPEKA—(See Topeka)
OBERLIN—Colt, J. B. Hdw. Co.
Dilworth, H. H.
OTTAWA—Elder, A. P. (Asbestos & Tin)
Petit, J. C.
Smith, O. H.
PAOLA—Condon, S. D. & Co.
Schroeder, M. A.
PARSONS—Bragg, W. C.
Buckley, A.
Doughman & Rust
Steele Hardware Co. (Gravel & Comp.)
PHILLIPSBURG—Smith, Theo. & Son
PITTSBURG—Beasley & Miller (Slate, Metal & Gravel)
Mosteller & Clark
Pittsburg Hardware Co.
SALINA—Morgan, W. M.
TOPEKA—Baird, J. M., 216 W 6th av
Forbes, D. H., 616 Kansas av
Foucht, J. H., 825 Kans av
Mood Plumbing & Heating Co.
Nussbeck, Jno. G.
Peterson, A. J., 1109 E 6th av
Seybold, G. E.
Seybold, J. H.
†Topeka Roofing Co. (John Bradly, Mgr.), (Com. Slate and Metal), 111 W 6th av
Van Dorp, Louis (Slate & Metal), 828 Kansas av
White, J. K.
WICHITA—Buckley, Fred.
Butler, H. R.
Caswell & Hartsell
Dermody Plumbing & Heating Co.
Ketzler, E.
Reitz, F. J.
Stocker, O. B.
Wilkie, Geo. W.

KENTUCKY.

ASHLAND—Coburn, S.
Henderson, Thos. & Sons
Karnap, Henry
Phelps, F. K.
Union Plbg. Co.
AUBURN—Satterfield, E. W.
AUGUSTA—McKibben, Bert
BARDSTOWN—Hart, M. S. & Co.
BELLEVUE—Schaufele, William
Wagenlander, Geo.
BOWLING GREEN—Allen, Chas. S.
Fleming, Mrs. M.
McNamara, Jas.
CAMPBELLSVILLE—Buchanan, T. W. & Co.
CANMER—Weller, J. W.
CARLISLE—Powell, J. G.
CARROLLTON—Burckle, W. P.
CATLETTSBURGH—Ely, Charles W.
Mims, A. Co.
Kilgore, J. A.
Williamson, Ben & Co.
COVINGTON—Brunen, Wm. B. (Slate, Metal & Iron), 514 Pike
Fischer's, Jno. A. Sons
Glaser, Wm. A. Co. (Slate & Metal), c State & Madison
Hesselman & Wehle, 9 Pike
Manwaring, Thos.
Rasch, C. F. (Slate & Metal), 1113 Madison av
CYNTHIANA—Cook & Ingles
Jenkins, Fred G.
DANVILLE—Chestnut, G. W.
DAYTON—Herrman, Martin (Slate & Metal)
Poos, John
ELIZABETHTOWN—Wintersmith's, R. L. Son
EMINENCE—Koenigstein, Phil. & Son
FLEMINGSBURG—Hammer, H. O.
FRANKFORT—Baxter, W. E.
Breslan, J. J.
Miller, George W.
FULTON—Huddleston, A. & Co.
Nolan, I. R.
GLASGOW—Satterfield, P. E. & Co.
Shader, A. & Son
Shader, T. M.
HARRODSBURG—Adams, Jno. H.
Reed, W. H.
HENDERSON—Barnard G. E. (Slate & Tin)
Dade, H. F., Jr. (Slate & Tin)
Jenkins, T. M. & Son
Norcutt & Lutz (Gravel, Slate & Tin)
Ross, J. D. (Gravel, Slate & Tin)
Wallace, J. H. (Slate & Tin)
HOPKINSVILLE—Adwell, L. E.
Ballard, H. C.
Forbes Mfg. Co. (Slate, Gravel & Metal)
Young, George W. (Slate & Metal)
LAGRANGE—Fischer & Son
LEBANON—Bunnell & Clements
LEXINGTON—Bitterman, Edw. & Son, 80 W Main (Slate & Metal)
Houlihan, W. J. & Bro.
Payne & Beard
Smith, Watkins & Co.
Thompson, M. G., 16 S Upper
Van Deren Hdw. Co.
White, H. A., 47 W Main
LOUISVILLE—Abner, J. V., 142 Adams
Abraham, M. Roofing Co. (Felt, Asphalt, etc.), 101 W B'way
Atkinson & Reardon, 2450 Hemlock
Baron, J. X., 1907 Baxter av
Bates, J. W. (Asphalt, Pitch, Felt & Gravel), 1123 Highland av
Beatty, Edw. D., 824 W Main
Beck, J. M., 1125 26th
Becker, Jacob, 1803 W Main
Bentley, John P. (Gravel, Asphalt, etc.), 231 3d
Birkel, Fred, 2203 W Market
Bleicher, Meyer, 419 Preston
Bohn, George P., 205 E Jefferson
Brenckmann, G. M., 1804 Preston
Buck, G. J. & Co., 2620 Portland av
Burns, Michael J., 621 E Main
Cammerer, Fred W., 3608 High av
Conen, H. J. (Metal), 1010 7th
Conn, Geo., 2824 Cleveland av
Cottrill, E. F., 1735 Portland av
Daringer, Hy., 619 E Green
Ellis, G. D., 1223 21st
Everett, J. Guy (Metal & Slate), 1123 W Market
Fink, P. & Sons, 315 1st
Fronmiller, John, 1612 E Main
Gans, George, 1422 12th
Garrett, B. F., 723 10th
Geher, Fischer & Co., 323 2nd

Gutenkunst, Jacob, 2816 Marine
Hartlauf, Edw., 2005 W Market
Heartick, E. G. (Iron, etc.), 1308 Preston
Hebner, F. J., Jr., 1013 Christy av
Henry, Andrew, 1235 15th
Hite, W. W. & Co. (Pitch & Asphalt, 154 4th

Holstner & Son, 2621 W Main
Holtzhauer, Henry, 1126 Preston
Horn, Joseph F., 904 E Madison
Hurvitz, Hirsch, 349 E Jeff'n
Hutchens & Glasgow, 1512 W Oak
Imperial Wire Iron & Roofing Co. (Asphalt, Pitch & Gravel), 221 W Market
Kaufer, Joseph, 416 33d
Keller, Martin, 2304 W Broadway
Kemper Bros., 2534 W Jeff'n
Kentucky Stove & Tinware Co., 705 W Main

Kessler, J. P., 1638 W Main
Kirch, Henry A., 1203 Mulberry
Kraus, Hy., 732 Shelby
Krauth, H. P. & Son, 1301 Baxter av
Low Cornice, Roofing & Heating Co. ((Slate & Metal), 730 W Jeff.

Lucken, Bernard, 2111 18th
Metropolitan Tin Roofing Co., 320 7th
Metten, Henry, 1007 Goss av
Miller, L. C., 804 26th
Miller, P. & Son (Metal), 917 E B'way
Murphy, J. H., 251 W Jeff'n
National Roofing & Supply Co. (Asphalt, Pitch, etc.), 140 W Main

Neumann, Margaret, 1717 18th
Paine, C. H., 421 E Kentucky
Paine, W. H., 1453 18th
Pfister, Lco, 2506 (a) W Market
Ramser Bros., 1537 2d
Ransdell & Jutz, 205 Guthrie
Rau, W. G., 420 Floyd
Schott, Charles W., 755 E Green
Schreick, Jacob, 1406 Preston
Schuesler, William J., 1330 15th
Seidel, Louis, 630 8th
Sikking, A., 234 W Green
Sikking, Henry, 2103 Olmstead av
Sikking, J. E., 2806 Dumesuil
Smith, Geo. L. (Slate & Metal), 108 E Green
Solinger, Morris A. & Bro., 346 E Market
Southern Roofing & Paving Co., 1006 W Main

Staeuble, Chas., 1106 Frankfort av
Standard Roofing Co., 1126 Preston
Stoker, Ed., 639 E Main ison
Stecle, Henry K. (Gravel, etc.), 2419 W Mad-
Sullivan, Owen M., 1620 12th
Tobe, W. F., 514 E Jeff'n
Troxell, S. F. Co. (Felt, etc.), 108 3d
Wagner, Joseph F. & Sons (Slate & Metal), 1377 7th

Wesbecker, Jos., 733 12th
Wobbe, F. H., 741 E Jeff'n
Wulff, W. C. & Co. (Slate, Tile & Metal), 603 E Jeff'n

LUDLOW—Buchanan, David S.
Schmidt, Julius (Slate, Metal & Tile)
MADISONVILLE—Bourland & Moore
MAYSVILLE—Leonard & Lally
McClenahan & Shea
Power, W. F.
MT. OLIVET—Tudor, Thomas
NEWPORT—Ehinger, Jos.
Globe Iron Roofing & Corrugating Co.
Henderson, O. L.
Listerman, Jno., 1024 Monmouth
Ochs, George J.
Reder & Son
Rust, L. & Son
Scherrer, John J. H., 6th & Central
Wagenlander, F. & Co.
OWENSBORO—Frederick, J. C. (Tin & Slate)
Guenther, W. A. & Sons (Tin & Slate)
Holbrook, R. R.
PADUCAH—Davis, G. R. & Bro. (Slate, Granite & Metal)
Fowler-Wolfe Sheet Metal Works
Hank Bros.
Maret, John C. (Slate & Tin)
Miller & Hannin
Weil, Jacob
PARIS—January & Connell
Lowry & Talbott
Perry, Benjamin
PRINCETON—Ratcliff, Charles
PROVIDENCE—Benjamin, J. B.
RICHMOND—Taylor, C. A.
SHELBYVILLE—Casey, J. M.
Owen & Moore
SOMERSET—Fricke, H. F.
Humble, A. R. & Son

LOUISIANA.

ALEXANDRIA—Roberts Bros.
BATON ROUGE—Arbour & Gough
Gessell, Frank
Williams, M. J.
CROWLEY—Fontenot, Louis D.
DONALDSONVILLE—Scharff, H. & Son
HOUMA—Babin, Teles
Ridley, Clarence A.
JEANERETTE—Jeanerette Hardware Co.
JENNINGS—Shannon, M. M.
LAFAYETTE—Graser Bros.
LAKE CHARLES—Braden, C. M.
Murray-Brooks Hardware Co.
LAKE PROVIDENCE—Fousse, N.
MONROE—Moore. G. F.
Sanders, John G. (Gravel, Slate, etc.)
MORGAN CITY—Shannon, Thomas
NAPOLEONVILLE—Blanchard, C.
NEW IBERIA—Ribbeck Mfg. Co.
NEW ORLEANS—Adam, Frank, 301 Bourbon
Alexis, John, 1234 N Galvet
Anderson, Alfred, 728 Girod
Annan, A. Hill (Slate), 510 Carondelet
Appel, John, 935 Julia
Arman, A. H. (Slate, etc.), 510 Carondelet
Arnoult, Louis G. (Comp.), 1232 N Villere
Ashby, Joseph, 1128 Poydras
Barbe, Henry, 937 Bourbon
Becker, J. Frederick, 2027 Magazine
Beher, Raymond, 1540 Esplanade av
Blanke, Henry H., 2353 Tchoupitoulas
Blanke, Wm. H., 2709 Tchoupitoulas
Blessey, F. H., 4701 Magazine
Bodenger, J., 158 Delaronde
Bothe, Charles, 306 Chartres
Brady, Dennis, 1763 St. Charles av
Brady, Jos. T., 1651 Camp
Brandenburg, Philip (Sheet Iron), 714 S Clairborne

Brandin, Albert (Slate, etc.), 227 Dauphin
Bruce, John (Slate), 3928 Laurel
Cantisano, V., 727 N Robertson
Carstens, Christian E., 908 1st
Casey, John (Slate), 840 Union
Castaing, Armand (Slate), 146 Carondelet
Cino, Antonio, 625 Dumaine
Crescent Can Works, 539 Conti
Dendinger, Joseph, 517 S Front
Downey, Richard J. Co. (Slate), 509 St. Charles

Dubuc, John, 828 Royal
Duplessins, Edward, 2301 Dumaine
Durand Bros., 727 Bienville
Eichhorn & Dendinger, 931 Tchoupitoulas
Eirmann, Henry, 3931 Tchoupitoulas
Ferbos, Lucien, 1037 N Claiborne
Fisher, Samuel, 1336 Camp
Frederick, Hugo H., 929 Tchoupitoulas
Frederick, John, 2109 Decatur
Gassner, Henry, 1121 St. Anthony
Geyser, Chas., 801 Howard av
Gulf Galvanizing & Metal Works, 1229 Carondelet

Hamburger, Mrs. M., 3143 Dauphin
Hammothe, Geo. (Slate), 118 S Basin
Haubert, Philip, 3820 Dauphine
Heiny, Frank, 904 1st
Heymann, Nathan, 831 Howard av
Holzer, Rudolph G., 207 N Rampart
Huguenel, Leon, 630 Chartres
Ibos Bros., 522 Chartres
Jones, J. Wilton, 612 Bienville
Kelly, James, 728 Magazine
Kennedy, Paul D., 1830 Esplanade av
Kern, William A. (Slate), 918 Alinc
Kleinschmidt, Geo., 1901 Esplanade av
Klung, Frank, 2370 Marias
Kracke & Flanders (Comp.), 630 Gravier
Kronenberg, Chas. J., 8323 Elm
Lagan, Mathew D. (Copper, Tin & Sheet Iron), 108 Common

Lemley, David (Copper & Metal), 355 Barrone

Lemley, Wm. A., 1810 4th
Levy, Emile, 1525 Dryades
Lomonte, Vincent, 1005 Chartres
Louisiana Cornice Works, 1718 Tulane av
Lubben, John (Slate), 1115 Magazine
McCabe, Wm. J., 1117 St. Mary
McGregor, Edw., 5121 Dryades
Maher, R., Bermuda & Eliza
Malouse, Jos., 1419 St. Bernard av
Memory, R. . & Son (Comp.), 409 Barrone
Mollo, A., 413 Royal
Mooney, John J., 609 Girod
Morales, Gustave (Slate), 1716 Columbus
Morere, Eliacin, 1236 Royal
Munchow, E. & Son (Slate), 1146 Magazine
Muntz, Henry, 1817 Melpomene
National Blow Pipe & Mfg. Co., 632 Tchoupitoulas

New Orleans Cornice Works, 619 Poydras
New Orleans Roofing & Metal Works (Metal, Asphalt & Gravel), 936 Lafayette
Noonan, Dennis J., 841 Desire
Owens, Theodore (Slate), 918 Burgundy
Pascal, Joseph, 216 N Villere
Prograis, Jos., 407 Morais
Redmond, B. V., 340 Chartres
Reppel, Chas., 1060 S Rampart
St. Germes, Bertrand, 730 Touro
Schmidt, Emile, 1424 Orleans
Sison, Frank, 419 S Rampart
Southern Blow Pipe Mfg. Co., 646 Tchoupitoulas

Starnes, Aaron J., 1646 N Robertson
Steen, Thomas (Slate, etc.)
Steffens, L. A., 455 Josaphine
Tanzmann, August, 736 Desire
Troy, Gus, 1123 Josaphine
Twickler, Wm., 4530 Magazine
Weiss, Robt., 2127 Magazine
Werlein, E., Magnolia nr 6th
White, A. H. Co. (Ltd.) (Asphalt, Gravel, Pitch & Tile), 530 Gravier

Whitney Supply Co. (Comp.), 200 S Peters
Wilson, W. K., 829 Tchoupitoulas
Williamson, John, 1040 S Liberty
Woodward, Wight & Co. (Comp.), 418 Canal
Zansler, Edw. L., 325 Decatur
PATTERSON—Picou, A. L.
SHREVEPORT—Adams & Son (Tin & Slate)
Brewer, C. J. (Tin & Plate)
Wortman & Wylie (Tin & Slate)

MAINE.

ANDOVER—Smith, Fred S.
AUBURN—Brooks, G. B.
Elms, James
Haskell, L. W. & Co.
AUGUSTA—Cogan, J. H. & Co.
Malcolm & Dyer
Taber, Carey & Reid
Ward, A. D.
BANGOR—Babb, C. H. & Co.
Clement & Brown Mfg. Co.
Fairbanks Bros.
Gould, J. P.
Reilly, R. J. (Slate & Metal)
Rudman, Samuel
Semple, S. T.
Wharff & Durgin
BAR HARBOR—Green & Reynolds
Lawrence, A. E.
BATH—Barton, G. H. W.
Rogers, C. W.
Watson, W. H.
Winslow, J. A. & Son
BELFAST—McDonald, H. E. (Tar & Gravel)
Mitchell & Trussell
Stickney, J. B.
Wright & Hall
BERWICK—Tuttle, A. L.
BIDDEFORD—Anthoine, George A.
Ham & Anthoine
Lowell, John B.
BINGHAM—Lander, J. J.
BLUE HILL—Stanley, I. E.
BOOTH BAY HARBOR—Holton, W. T.
Ingraham & Harris
Lake, J. H.
BREWER—Olmstead, A. D. Co.
Woodbury, S. H. & Co.
BROOKS—Lane, Otis W.
BRUNSWICK—Furbish, John
Ridley, Geo. B.
BUCKSPORT—Beazley, E. L.
Buck, Horace E.
CALAIS—Huston, Thomas A. (Gravel, etc.)
McGarrity & Regan
CAMDEN—Bowers, J. W. Co.
CARIBOU—Briggs, Samuel E. & Son
CASTINE—Stover, F. N.
DAMARISCOTTA—Keene, W. W. & Son
DEXTER—Crockett & Tilson
DOVER—Lander, J. Q.
EASTPORT—Martin, E. S. & Son
Spates, W. T.
ELLSWORTH—Morrison, Joy & Co.
FAIRFIELD—Totman, A. H.
FARMINGTON—Hardy, J. D.
McLeary, Wilfred
FORT KENT—Dugal, A. L.
FREEPORT—Brewster, J. A.
FRYEBURG—Page, Seth A. & Co.
GARDINER—Kelley & Wheeler
GORMAN—Brown Bros.
GREENVILLE—Crockett, Daniel
GUILFORD—Page, Spearing & Co.
HALLOWELL—Church, John W. & Son
HOULTON—Hamilton & Webber
Smith Bros.

ISLAND FALLS—Berry, C. M.
KENNEBUNK—Lange, Harry E.
KENNEBUNKPORT—Wells, Alfred M.
KEZAR FALLS—Mason, Geo.
LEWISTON—Chase, J. H., 191 Lisbon
Goss, A. L. & E. F. Co., 45 Main
Gullmet Co.
Howard, A. A. & Son (Slate & Gravel), 36
Howard, Nelson (Gravel), 36 Lisbon Spring
Kerrigan, Thomas W.
Lemont, C. D., 227 Main
Pratt, T. L., 183 Lisbon
Stetson, J. H. Co. (Slate & Metal), 65
LIBERTY—Knowlton, J. L. Lisbon
LISBON FALLS—Bailey, Charles E.
Brewster, J. H.
LUBEC—Trecartin Bros.
MACHIAS—Bowker, F. W. & Co.
Crane Bros.
MECHANIC FALLS—Hawkes & Whitney
MILLBRIDGE—Burnham, F. W.
Shaw, William
MILO—Walton, W. W.
MT. VERNON—Fellows, F. C.
NEWPORT—Deering, R. A. & Son
NORWAY—Crooker, James O.
OLD TOWN—Godfrey, F. N.
ORONO—Bond, Nathaniel W.
Park, F. C.
PITTSFIELD—Getchell, T. E.
Hazeltine, Jos. S.
Laney, T. G. & Co.
PORTLAND—Alexander, Arthur R., 22 Monument sq
Bourne, M. B. & Son (Slate), 33 Temple
Hersey, Elias Roofing Co. (Felt Composition & Gravel), 22 Monument sq
Hollivan & Parker (Gravel & Felt), 56 Cross
Hutchinson & Cain (Metal), 438½ Fore
Jones, Chas. H., 220 Federal
Nash, F. & C. B. Co., 386 Fore
Nash, O. M. & D. W., 6 Exchange
Scott, Wm. H. Co. (Metal), 29 Union
READFIELD—Lord, William A.
RICHMOND—Haynes, J. & Sons
Rogers Bros. & Co.
ROCKLAND—Crockett, J. (Gravel)
Sleeper Bros.
Wight, James
ROCKPORT—Libly, A. & Son
SACO—Lord & Linnell
SANFORD—Bennett, E. D.
Huff, George, W Main st
SKOWHEGAN—Heald, F. G. & Co.
Ross, C. A.
Steward Heating & Plumbing Co.
Wood, F. A.
SOUTH BERWICK—McIntire, D. E.
SOUTH PARIS—Richardson, J. P.
SOUTH PORTLAND STATION—Tilton, C. A. & Co.
SPRINGVALE—Makin, J. H.
THOMASTON—Webber, M. E.
WALDOBORO—Curtis, C. H.
Richards Bros.
WARREN—Jameson, E. E.
WATERVILLE—Arnold, W. B. & Co.
Hanson, Webber & Dunham
Pointvin, J. C.
Williams & Fardy
WESTBROOK—Snow, T. H.
WOODFORDS STATION—Crockett & Gordon
Cutts & Jefferds
Madsen & Allen
Wheeler, F. E.

MARYLAND.

ANNAPOLIS—Carr, W. H. & Co.
Hopkins, Robt. E. L.
BALTIMORE—Baltimore Roofing & Coal Tar Co. (Asphalt, Gravel & Comp.), 1211 Leadenhall
Banks, Wm. H. & Sons, 405 Druid Hill av
Biden, Jas. (Metal, Plastic Slate, Slate, Tile, etc.), Pratt & Parkin
Brown, Robert C., 918 N Gay
Carey, Philip Mfg. Co. (Asphalt, Gravel & Comp.), 332 North
Clarke, Wm. Wirt & Son, Builders' Exch.
Clifton Cornice & Skylight Wks., 427 N High
Cotton, Wm. E., 1509 N Central av
Craven, Thos. M. (Asphalt, Gravel, etc.), 613 S Green
Cuttler, John, 1303 E Baltimore
Eckhoff, John P., 3 N Exeter
Ellender, Chas. F. & Son, 211 Richmond
Fingles, Wm. A., 2115 Madison av
Fitzberger, Fred, 213 Park av
Fitzberger, Jno., 207 Park av
Foy, Edw. L. & Co. (Asphalt, Gravel, Comp. & Felt, Slate & Tile), 16 W Camden
Frederick, M. J. & Bro., 317 Park av
Garthe, Wm. Co. (Slate, Metal, Tile), 2024 Bolton av
Gault, W. A. & Son (Slate & Tile), 16 E Lex
Genasco Roofing Co., 421 St. Paul

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Guarantee Roof & Metal Pt. Co., 307 North
Hartman, A. N. (Slate & Tile), 207 W Saratoga
Hetzel, John G. & Son, 225 N Howard
Kaestner, E. A., 516 N Calvert
Kahlein, Fred'k, 1121 Carroll S
Kaiser, E. W. & Sons, 1408 Orleans
Kirwan, Wm. T. A., 10 W Fort av
Klein's, A. Sons, 1114 Linden av
Kohlhepp, A., 404 N Howard
Leffert, J. Geo., 215 W Saratoga
Lenderking, Philip H., Jr., 203 W Pratt
Loewenstein, G. W. (Slate & Tile), 1835 W Franklin
LUPTON'S, DAVID SONS CO., 216 Calvert. (See adv. index, end of book)
McNamee, Michael J., 400 Girard av
Markolf, Geo. H., 1211 Park av
Maryland Tar Roofing Co. (Asphalt, Gravel & Comp., etc.), 130 S Charles
Muhl Bros. Co., 1314 W Balto.
Mullenberg, Chas. H., 1303 Druid Hill av
National Roofing Co. (Slag), 16 E Lexington
Noble, H. & Co. (Asphalt, Gravel, etc.), 623 S Caroline
Northwestern Cornice Works, 1506 Pa. av
Rassa, Joseph G., 1806 N Chester
St. Paul Roofing, Cornice & Ornament Co. (Slate, Mantel & Tile)
Schultz & Ellis, 1246 Jackson
Siegk, Louis A., 537 N Fremont av
Share, Albert, 1040 N Gay
Smick, Hy. (Slate & Tile), 1109 Greenmount av
Thaler, George J., 800 N Gay
Thomas, Luther W., 1224 Mosher
Thomas Paint Mg. Co. (Asphalt, Gravel & Comp., etc.), 754 W Baltimore
Trenton Architectural Cornice Works, 132 S Charles
Trotter, John R., 305 E Preston
Vaile & Young (Slate & Metal), 216 N Calvert
Vollenwelder, J., 1506 Penna av
Walker, William E., 522 Druid Hill av
Ward, Wilbur F., 20 W Pratt
Warren-Ehret Co. (Tile, Asphalt, Gravel & Slag), 563 E Monument
Wiegel, G. W. C., 1500 Penna. av
Wilhelm, C. H. & Son, 204 W 23d, N
Wilhelm, J. Frank, 748 Pa. av
Winchester, J. H., 826 N Gay
Zimmers, A. M., 1808 Frederick av
BEL AIR—Brown, Charles C.
Heuer, Wm. W.
CAMBRIDGE—Anthony, William F.
Botham, L. W.
CATONSVILLE—Baldwin, J. L.
Carnes, R. N.
Jones, Joseph G.
Wilson, Frank
CHESTERTOWN—Aldridge, J. K. & Co.
Miller, F. M.
Sutton, W. T. & Son
COCKEYSVILLE—Kraus, L. P.
CUMBERLAND—Gessner, Geo.
Habig & Stegmaier
Langer, William
Morehead's, Wm. Sons
Rizer, Charles L.
Thumel, Theodore
EASTON—Harnett, W. J.
Nichols Bros.
ELKTON—Alexander & Son (Tin, Iron & Felt)
Boulden, H. R.
ELLICOTT CITY—Fisher, J. C.
Meads, Jas. F.
EMMITTSBURGH—Adelsberger, J. M. & Son
Hays, J. T. & Sons
FREDERICK—Hahn & Rowe, 123 N Market
Kennedy, Thos. F.
Thomas, S. D. & Co., 15 E Pat'k
Wilson, N. J. & Son
FROSTBURG—Weigand, Henry
Wolfe, Mrs. C. E.
HAGERSTOWN—Boward, Louis D.
Danzer Metal Works
Hoch, H. K.
Miller, J. Z.
Saum, E. K.
Wagner, Harry R.
HAVRE DE GRACE—Case, N. B.
Murphy, John T.
PORT DEPOSIT—Stephenson & Reynolds
REISTERTOWN—Brown, J. V.
ROCKVILLE—Vlett, Henry
Vlett, W. E., Jr.
SALISBURY—Dorman & Smyth Hdw. Co.
Gunby, L. W. Co.
UNION BRIDGE—Hollenberger, John M.
WESTMINSTER—Gilbert & Gehr
Grumbine, W. H.
Westminster Hdw. Co.
WILLIAMSPORT—Reichter, E. E.

MASSACHUSETTS.

ABINGTON—Davidson, R. I.
ADAMS—Carney, J. J.
Hiser, Charles
Morrissey, William C.
Ryan, P. J. & Co.
Todd, F. S.
Weston, L. A.
AMESBURY—Brown, Leonard
Noyes, E.
AMHERST—Eider, C. R.
Phillips, S. A. (Metal & Asbestos)
ANDOVER—Pike, E. C.
Saunders, George
Walsh, M. T.
Welsh, Wm. H.
ARLINGTON—Bain, Andrew
Knowles, A. H.
Shattuck, R. W. & Co.
ASHBURNHAM—Marble & Gilson
ASHLAND—Ensilin, Franklin & Co.
ATHOL—Fisher, W. C. (Slate)
Smith, C. H., Athol Centre
Ward, A. T.
ATHOL CENTRE—Lee, Samuel
Smith, C. H.
ATTLEBORO—Dillon, Charles H.
French & Brownell Hdw. Co.
Gifford, James W. Co.
Holmes, Charles F. & Co.
Perry, N. & Co.
AUBURNDALE—Gammons, R. F.
Walker, E. A.
AYER—Fillebrown, A. A. & Co.
BARRE—Weeks, Wm. E.
White, W. H.
BELMONT—Rogers, F. P.
BEVERLY—Hinkley, George F.
Lunt, A. C.
Pickett & Goodwin
Robertson, Robert
Wallace, E. L.
Williamson, F. W.
BLACKSTONE—Copeland, C. A.
BOSTON—Ahern, Jas., 135 Hyde Pk av
Albee, C. W., 29 Hancock
Ames & Ginty, 101 Tremont
Anderson, Chas. & Co., 41 Way
Anderson, E., 49 Washington N
Anderson, Gustaf, 21 Green
Asphalt Roof Coating Co., 146 Franklin
Ayer, H. W. & Co., 14 Long Wharf
Badger, E. B. & Son Co. (Copper & Tin), 63 Pitts
Banash, Hy. A., 121 Ruggles
Barnard, George A., 166 Devonshire
Bates, W. N., 128 Broad
Berry, Wm. B. & Co., 79 North
Binney, John & Son, 326 Atlantic av
Black, J., 93 Prince
Blevins, J. J., 129 Main
Bloombery, Abraham M., 29 Haverhill
Boston Roofing Co., 21 Bromfield
Brainard, John C., 930 Tremont
Brown, J. Horace, 55 Sudbury
Carlin, Wm. J., 18 Cambria
Carey, Arthur J., 115 Glenwood
Chamberlin, S. W. Co., 25 Union
Clasby's, Thomas Sons, 91 Roxbury
Cleaves, Stephen A., 631 Wash'n, Dor.
Cohen, Israel, 11 Wiget
Conley, John, 36 Eliot s q
Constantine, F. W. & Co., 359 Atlantic av
Cross, Jos. A. (Slate & Metal), 25 Rockdale, Mat.
Crossfield, H'y, 418 Blue Hill av
Crowley, A. F., 292 Main
Daly & Co., 1006 Tremont
Desmond, D. J., 4 Wash'n, N.
Devine, C. (Slate & Metal), 21 Pitts
Dinan, Patrick P., 17 Reed
Doherty, C. J., 2959 Wash.
Dorchester Roofing Co., 113 Clifton, Rox.
Dorn, Philip F., 92 Union
Drennan, Arthur, 67 Dundee
Driver, Jos. R., 93 Armandine
Eagle Cornice & Skylight Works, 186 Charles
Eagles, L. A., 600 Dudley
Egin, Clarence L. & Co., 43 Beverly
Ely, J. B. & Co., 74 North
Evans, A. B. & Co. (Slate, Gravel & Metal), 19 River
Evans, James & Co., 22 Emerson

Falk, Carl, 1 Oswego
Farquhar's, John Sons (Inc.) (Slate, Copper, Metal & Gravel), 22 East
Feeney, David, 14 N Grove
Feeney, John (Slate & Metal), 15 N Grove
Felleman, Sam'l & Co., 3 Sterling
Felstead, Wm., 20 Blackstone
Fenn, Geo. E., 94 Blackstone
Finn, Daniel E., 78 Revere
Flanagan, D. L., 89 Compton
Forrest, Alfred W., 464 Harrison av
Freundlich, Max, 133 Boylston, J. P.
Gallagher, D. F. & Co. (Metal), 279 Commercial
Gannon, W. N., 27 Winship, Br.
Genasco Roofing Co., 161 Devonshire
Gillespie, J. Y., 708 Columbia rd

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Gordon, Abraham, 48 Sudbury
Gray, Peter & Sons, 88 Union
Green & Haley, 11 Howard
Griffith, Wm. J., 18 Brattle sq
Harding, John W., 412 Main
Harrigan, J. & Son (Slate, Metal, etc.), 95 Milk
Harrington, Eben, 278 Bennington
Haskin, I., 96 Brighton
Hawley, Arch'd, 641 E 4th
Hayden, Francis, 490 Harrison av
Hayden & Leary, 148 F., S. B.
Henderson, A. W., 8 Geneva av, Dor.
Hind, Thos. J. (Slate, Asphalt, Gravel, Tile & Metal), 19 Milk
Hobbs, H. S. & Son, 112 Harrison av
Hoffman, E. S., 642 Washington, Dor.
Houghton, J. F. & Son, 114 Green, J. P.
Hourihan, John J. (Slate, Metal & Gravel), 7 Walden, Rox.
Hub Sheet Iron Works, 54 Broad
Improved Plastic Slate Roofing Co., 28 School
Jones, Walter P., 1272 Dorchester av
Kesselhuth & Co., 1 Eliot sq
Kreidel, Julius, 45 Linden Park, Rox.
Krogman, Frank W., 209 Washington
Lantz, Wm. H. & Co., 67 Beverly
Lapp, Max, 35 Lowell
Leighton, Geo. A., 119 Summer, E. B.
Loehr, A. H., 20 Kneeland
Lucke, L. & Co., 37 Prentiss
McGinnis, E. C. (Slate & Metal), 86 Chardon
McGrath, W. W., 130 Border
McKenzie & Gillespie, 22 N Center
Macdonald, Jos. A., 3 Sterling
Mackey, Thos., 42 Tyler
Madden, John J., 1158 Columbus av
Maguire, W. J. (Slate & Metal), 544 Wash-
Martin, George, 54 E 8th ington, Br.
Martin, Jno. & Co., 63 Gates, S. B.
Martin, Joseph, 14 Southampton
Martin, Wm., 360 G. S. B.
Mason Mfg. Co., 223 Atlantic av
Maxcey, W. H., 638 Wash., Dor.
Mayberger, Edw. F., 95 Milk
MEADE ROOFING & CORNICE CO., (Slate, Metal & Tile), 120 Tremont
Meehan, Jno., 20 Blue Hill av
Merriam, A. D., 6 Winchester
Miller, S. P., 48 B'way extension
Moffett, Edw. J., 161 Endicott
Moore, Richard, 4 Province ct
Mt. Pleasant Roofing Co., 20 Blue Hill av
Murphy, J. & Co., 389 Tremont
Murphy, J. F. Co., 169 Fulton
Murphy & Co., 1252 Wash.
Murray, John A., 17 Scotia
Murtfeldt, W. A. Co. (Comp. Slate & Metal), 31 Milk
National Roofing & Repairing Co., 14 Brattle sq
New England Felt Roofing Works (Felt.), 18 P. O. sq
North End Roofing Co., 21 Stillman
O'Brien, D. A. & Son, 166 Devonshire
O'Brien, Harry J., 465 Main
Ormsby, S. L., 88 W B'way
Owens, C. A., 83 W Concord
Parker's, C. S. Sons (Slate & Metal), 166 Devonshire
Pangborn, Alfred, 9 Border
Pelham, H'y, 328 Dover
Pelham, Simon, 16 Melrose
Pempel, Fred, 206 Ruggles
Penn Metal Ceiling & Roofing Co. (Ltd.), 14 Harcourt
Penshorne, Geo., 209 Wash'n
Phoenix Roofing Co., 420 W B'way
Rice, John S. & Co., 23 John
Richards, Geo. H., 457 Dudley
Riley's, H. Sons (Slate & Metal), 97 W Concord
Riley, James E. & Co. (Slate & Metal), 95 Milk
Rodday, Sam'l, 1130 Dorchester av
Sarpin, Charles, 105 Emerson
Savage, H'y J., 25 Garden
Sheehan, T. J., 3 Wheeler
Shooker, J., 116 Salem
Smith, Harry A., 16 Ash
Smith, James C. (Slate & Metal), 312 Dover
Smith, John A., 180 Border
Smith, W. H. & Co., 101 Tremont
Sonderman, H. & Son (Slate, Tin & Gravel), 27 Marcella
So. Boston Roofing Co. (Slate, Metal & Comp.), 429 W B'way
South End Roofing Co., 6 Union Pk
Sparham Cement Roofing Co., 53 State
Union Cornice Co., 7 Appleton
Walker & Pratt Mfg. Co., 31 Union
Warren Bros. Co. (Asphalt, Tar, Tile & Slate), 93 Federal
Weber, F. I., 573 Dorchester av
Wells, J. L., 16 Sullivan, Chen.
Welsh, Wm. A. (Slate), 1185 Dorchester av, Dor.
Weiner, Sam, 33 Dundee
Weinstein, L. H. (Tin, Iron & Copper, 43 Bristol
Williams, G. J., 8 Beacon
Williams & Daly, 180 Dudley
Wolpe, Harry, 21 Stillman
Woods, R. H. & Co., 6 Province ct
Wright, Chas. A., 18 Orleans
Young, D. A. & Co., 255 Atlantic av
Zink, M. N., 362 North

BRAINTREE—Bates, F. A.
BRIDGEWATER—Fairbanks, J. H.
Rogers, J. B.
Shaw, C. M.
BROCKTON—Alden Sheet Metal & Plbg. Co.
Brown & Morrow, 240 Main
Carlson Bros.
Carr, J. E. & Co., 1036 Main
Dahlborg, C. F. (Metal & Gravel), 973 Main
Hickman, Jno. (Slate, Metal & Gravel, 12 Court
McCabe, A. F.
Masfield, Edw. A. (Gravel & Slate), 46 Main
Waterman, C. H., 753 N Main
BROOKLINE—Kenrick Bros.
Murray, H. J. & Co. (Slate, Metal & Gravel), St. Andrew's bldg
Paine Bros.
CAMBRIDGE—Ames & Ginty, 1st c Main
Balcom, Arthur W., 850 Main
Baumeister, Aug., 2 Palmer
Blevins, John. J. (Slate, Metal, Granite, etc.), 696 Mass. av
Brock Bros., 1372 Mass. av
Brock & Eaton, 1362 Mass av
Douglass, Geo. (Slate, Metal & Gravel),
Good, T. W., 27 Brattle 266 Prospect
Gordon, Wm. (Slate, Metal & Gravel), 19
Haley, W., 1955 Mass. av State
Hanna, Wm. J. & Son, 2055 Mass av
Higgins & Co., 702 Mass av
Long, John J., 255 Cambridge, E C
Moore & Hadley, 8 Brattle
Moynanhan & Co., 1233 Cambridge
National Roofing Co.
Nixon, Robt. G. (Slate, Metal & Gravel), 8 Kenwood
Peak, Howard F. (Slate, Metal & Gravel), 1250 Mass. av
Rose, Herbert L., 13 River
Smith, A. & Co., 162 1st
Sweeney, Thos. C. & Co., 627 Cambridge
CAMBRIDGEPORT—(See Cambridge)
CAMPELLO—(See Brockton)
CHELSEA—Burnett, Wm. & Co.
Davis, Samuel C.
Howe, Jno., 672 B'way
Miller, Emil
O'Brien, D. A. & Son, 1 Front
Tucker, John C. M.
Woodman, L. H., 22½ Bloomingdale
CHICOPEE—Benn, Gabriel, 45 Cabot
Ludden, C. A., 252 Exchange
CHICOPEE FALLS—Donnelly, Wm. E.
Enright, P. J.
CLINTON—Maitland, R. & Son
O'Toole Bros.
Walker, Wm. H.
COHASSET—Bates, Allen C. (estate of)
CONCORD—Emmott, G. J.
CONCORD JUNCTION—Poor, F. E.
COTTAGE CITY—Chirgevin, T. H.
Mayhew, John L.
DALTON—Ford & Parker
Shedd & Messinger
DANVERS—Caskin & O'Connell
Ropes, J. E. & Co.
DEDHAM—Keelan, M. & Son
Russell, Charles (estate of)
DUXBURY—Campbell, W. B.
E. BRIDGEWATER—Webber, G. M.
E. HAMPTON—Ferris, Addison J. (Asbestos)
Manchester, G. L.
Newkirk & Thurston
Owen, B. P.
EAST WEYMOUTH—Crehan, M. K.
EVERETT—Garvey, Thos. F.
Mullen, Jno. J.
Torngren, Geo. C.
White, A. W.
Woods, Frank B.
FAIRHAVEN—Delano, C. F.
Forrest, E. W.
FALL RIVER—Archard, R. J. (Gravel), 60 Murray
Cash, Henry N. (Felt, Comp., Gravel & Asphalt), 552 Slade
Hughes, Jas. T., 140 3d
Lack, Louis, 1104 Pleasant
Morin, Jos., 389 2nd
Williston, Chas. H. (Comp. & Gravel), 171
Wilcox, D. T., Jr., 46 Granite Pleasant
Wordell, A. B., 339 Fountain
FALMOUTH—Falmouth Plumbing Co.
Lawrence & Hall
FITCHBURG—Brownell & Mason, 159 Main
Dyer, Hy. B. (Comp.), 10 Howard
Edwards, Wm. Slate Co. (Slate & Metal), 83 Water
Jennison Plumbing Co., 119 Main
Kennedy, Michael J. (Slate & Comp.), 57 Smith
Knowlton, George B., 3 Main
FLORENCE—Addis, E. C.
FOXBORO—Purcell, A. J.
Swift, E. B., 31 Market
Wood, Chas. B.
FRAMINGHAM—Connor Bros.
FRANKLIN—Hosie Bros.
Hussey, J. F.
GARDNER—Cote, Edward, Jr.
Curtis, H. O. & Co.
Knapp, Stillman S.
Patridge, H. G.
Riordan, P. A.
GLOBE VILLAGE—Lewis, W. C.
GLOUCESTER—Bolger & Regan
Cole, Albert R.
Hale, J. P. & Co.
Smith, James S.
Smith, L. E. Co., 221 Main
GRAFTON—Smith, S. F. & Son
GREAT BARRINGTON—McManus, James
Parrish, H. D.
GREENFIELD—Corsiglia, Geo. V.
Forbes & Kilburn (Steel)
Hubbard, J. E.
Pierce, M. R. & Peck
Ryan Bros. (Slate)
Wilcox, W. W.
GROTON—Blood, F. M. & Co.
Blood, Geo. H. & Co.
HANOVER—Magoun, H. N. & Co.
HAVERHILL—Bennett, W. C. & Co.
Mills & McClintock
Owen, E. C. & Co.
Sargent, Ada F. (Slate, Gravel & Tin), 20
Sawyer & Dean River
Wilson, Jas. (Slate, Gravel & Tin), 30 Pleasant
HIGHLANDVILLE—Thomas, Hy.
HINGHAM—Loring, Enos
Rich & Marble
HOLLISTON—Adams & Co.
HOLYOKE—Farrell, Jas. E. (Comp.), 131 Maple
Friedrich, E. Hugo (Slate, Metal, Gravel & Tile), 148 Main
Gibson, Thomas J. & Co. (Gravel & Plastic Slate), 45 Race
Grant, John H. & Son (Comp.), Division st
Kearns, M. J.
Kennedy & Sullivan Mfg. Co., 75 Main
Sullivan & Carmody, 171 High
HUDSON—Clare, J. P. & Son (Gravel & Metal)
Glines, G. Fred (Metal)
HUNTINGTON—Allen, E. A.
HYANNIS—Bradford, Myron G.
HYDE PARK—Bolles, Jas. G.
Fall, Jas. B.
Gleason, Frank W. & Co.
IPSWICH—Dunnells, John M.
Newman, Mark
Plouff, Aug. H.
KINGSTON—Clark, George H.
Myrick, William H.
LAWRENCE—Barr, J. E., 96 Amesbury
Bingham, John F. Mfg. Co., 25 B'way
Coombs, C. W.
Cusack, Wm. C.

Dodson, Geo. W. & Co., 286 Essex
Donovan, Charles A.
Forbes, Wm. & Sons, 450 Essex
Horn, Geo. W. (Slate & Metal), 613 Common
McCabe & Finzel
Pierce, J. B. & Co. (Gravel & Comp.), Chase
Rutter, W. F. & Co. c French
Slater, John Co.. 453 Essex
Smart, G. B. & Co., 61 Essex
Smith & Bingham, 16 Sargent
Wurzbacher & Co., 21 Jackson
LEE—Hayes, M. H. (Slate, etc.)
Heaphy, Wm. A. (Gravel)
Smith & Hawks
LEICESTER—Ashley, J. P.
LENOX—Bull, W. B.
O'Brien, Richard
LEOMINSTER—Burrage, H. E. & Co.
Cook, Hy. & Son
Draffin, Alex. (Slate, Gravel, etc.)
Farnsworth, John B.
Potter, F. S. (Slate & Gravel)
Smith Bros.
LOWELL—Bennett, J. W. Co. (Comp. & Slate), 564 Middlesex
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Cushing, Daniel & Co. (Slate & Metal), 398 Middlesex
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Douglas, J. L. & Co. (Slate & Metal), 147 Rock
Fitzpatrick H. J., 179 Chapel
Gilligan, Thos. F., 122 Fayette
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Henault, Jos. (Slate & Metal), 126 Cheever
Mack, Wm. A. & Co. (Slate & Metal), 25 Shattuck
Ryan, Jeremiah, 72 Suffolk
Stewart, Jno. W., 359 Bridge
Taylor, Frederick A. (Gravel, etc.), 140 Humphrey
Weaver, S. H. & Son (Gravel), 810 Middlesex
Wilder, H. H. & Co., 29 Market
LYNN—Bee, John D. & Sons (Slate, Metal & Gravel), 45 Sea
Curry, J. H., 45 Andrew
Harnois, Ernest & Co., 35 Savory
Hughes, Jas. R.
Pool, H. F., 5 Market
Quinn, Martin L. & Co. (Gravel, Slate & Metal, 21 State
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MALDEN—Fredericks & Sullivan
Kenny, Francis P.
Libby, L. L. (Gravel & Tar), 38 Maple
McDonald, Jno. H.
Meyers, A. J. & Co.
Miller, Wm. J.
Potter, Frank H.
Powers, Jno. A.
Taber, J. B. & Co.
West, Alonzo A. (Slate, Metal, etc.), 246 Pleasant
Carter, J. W.
MANSFIELD—Hayhurst, R.
MARBLEHEAD—Doane, E. C.
Donovan, Peter J.
MARION—Coggeshall, Frank B.
MARLBORO—Hall, Geo. R. & Co., Lincoln st
Hill, William H., 114 Main
O'Grady, Charles
MARSHFIELD—Belknap, Herbert F.
Stevens, Oscar
MATTAPOISETT—Curtis, Addison
MAYNARD—Holt, Abner D.
MEDFORD—Dwyer, M. F., 1 Riverside av
Page & Curtin, 42 High
Richards, W. S., 24 High
MEDWAY—Ferry, Ralph
MELROSE—Brock Bros.
Philpot, Robt., 76 Dell
MELROSE HIGHLANDS—Curry, R. H.
METHUEN—Homer, E. B.
Sanborn Furnace Co.
MIDDLEBORO—Doane, J. & G. E.
MILFORD—Ellis, Clark & Sons
Norris, Staples & Gould
Smith, Jno. L.
MILLBURY—Cunningham, W. R. & Son
MILLERS FALLS—Mathewson, Donald E.
MILLIS—La Croix, Edw.
MILLVILLE—Moloney, J. P.
MONSON—Leary, C. J.
NAHANT—Shaughnessy, J. C.
NANTUCKET—Austin, Chas. W.
Barrett, Geo. A.
Deacon, Jas. Y.
Marden, W. B.
NATICK—Fiske & Co.
NEEDHAM—Buckley Bros.
NEW BEDFORD—Babbit, Wood & Co.
Begley, E. J.
Coggleshall, Maxfield & Co.
Gifford, T. J. & Co.
Gregory, Thos.
Hayden, Wm. G.
Heliyer, Jas. G.
Knowles, Abraham
Lowe, Stephen C. Supply Co.
Mahoney, Jno. N.
Penney, Edw. F.
Perkins, A. W. & Co. (Asphalt, etc.)
Rleily, Jos. P.
Sherman, J. H.
Wood, Brightman & Co.
NEWBURYPORT—Creedon Bros.
Foley, Richard J.
Greeley, Geo. E.
Holker, Wm.
Noyes, Daniel F.
Thomas, Thomas P. (Slate & Metal)
NEWTON—Leavitt, W. P. & Son (Slate, Metal
Thayer, S. O. & Co. & Comp.), 29 Pearl
NEWTON CENTER—Furden, D. J.
Sullivan, Jas. H.
Thompson, G. Wilbur (Slate, Metal & Comp.)
Wilson, W. J.
NEWTON HIGHLANDS—Kieser, C. D.
NEWTON LOWER FALLS—Gammons, L. A.
NEWTON UPPER FALLS—Trowbridge & Esterbrook
NEWTONVILLE—Bickford, C. S.
Orr, H. W. Co.
N. ADAMS—Hicks, Thos. H. (Slate), 43 E Brooklyn
Lucey Plumbing Co.
Secor, F. A.
Tower & Porter
NORTHAMPTON—Brewster, H. N. & Co.
Browneli & Dickinson
Day, Mrs. L. F.
Lee, N. H.
O'Connor & McGrath
Riley, W. H. & Co.
Thompson, F. B.
NORTH ATTLEBORO—Hall, Wm. M.
Shaw, E. B.
NORTH BROOKFIELD—Deyo, Chas. H.
NORTH EASTON—Kelley, E. E.
NORWOOD—Foreman, Wm.
Huntoon & Co.
ORANGE—Hill, G. L.
Train, E. W. & Co.
ORLEANS—Newcomb, Alex. T.
OSTERVILLE—Hallett, G. W.
PALMER—Brown, E. Co.
PEABODY—Lynch, M. E., 26 Foster
Norton, Geo. R. & Co.
Sears, Frank L.
PEPPERELL—Weston, D. E.
PITTSFIELD—Backus', W. G. Sons (Slate, Tile, Gravel & Copper), 4 Bank Row
Bovett, D. W., 11 Medville
Healey, T. J. (Gravel & Asphalt), 18 Oak
Hickey & Farrell, 70 Columbus av
Nobie, Johnson, Milne & Co., 35 Fenn
O'Connell, Van Deusen & Co.
Sears, J. H. & Son
PLYMOUTH—Bailey, H. P. & Bro.
Harris, C. T. & Co.
Hathaway & Sampson
PROVINCETOWN—Bangs, W. B.
Engles, Herbert
QUINCY—Bates, G. B., Heating & Plumbing Co., 164 Hancock
Bouchard, Louis
Dolan, Michael A., W. Q.
Edwards, S. H.
Mayo, Geo. A., W. Q.
Sanhorn & Damon, 117 Hancock
RANDOLPH—O'Brien, R. E.
READING—Fife, T. C.
Francis Bros.
ROCKLAND—Burgess, C. W.
Littlefield, Jno. F.
ROCKPORT—Smith, L. E.
Thurston & Hale
ROWLEY—Collum, E. A.
SALEM—Dean, James F. (Asphalt, Tar, Gravel & Metal)
Gould, Jas. N.
Harris, Oscar M. (Felt & Gravel)
Pinnock, Thos. G. (Slate & Metal)
Wadleigh & Morse
SAXONVILLE—Frost, David O.
SHARON—Gillespie, Jno. R.
SHELBURNE FALLS—Knowlton, C. H. & C.
SHIRLEY—Brown, Wm. H. L.
SOMERVILLE—Connell, Edwin, 148 Pearl
Covell, H. W., 140 Pedkins
Doe, R. W., 341 Medford
Holmes, Wm. B., 317 B'way, Winter Hill
Howe, Wm. S., 51 Union sq
McMillan, Albert F., 377 Som. av
McNee, Thos., 269 Highland av
Short, M. C., 18 Holland
SOUTHAMPTON—Lyman, H. B.
SOUTHBRIDGE—Oldham & Ranahan
Winter, Geo. C.
SOUTH FRAMINGHAM—French, M. E.
Sawyer, H. L.
Sheldon, Jas.
SOUTH HADLEY FALLS—Moriarty Bros.
SOUTH LANCASTER—Rowell, Warren L.
SOUTH WEYMOUTH—Loud, M. R. & Co.
SPENCER—Marsh, G. H.
Pease, A. G. & Co.
SPRINGFIELD—Atwater, E. C. & Co., 21 Taylor
Bacon, B. G., 18 Walnut
Bartholomew, C. A. (India Rubber), South end Bridge
Bay State Roofing Co. (Felt, Gravel & Steel), 108 Worthington
Beebe, N. S. & Co., 19 Florida
Brunton, Martin J. & Son (Slate & Gravel), 118 Dwight
Clark, Leonard & Son, 104 State
Clark, Simpson, 157 State
Estabrook, Geo. R., 146 State
Grant, A. & Son (Slate, Gravel, Felt & Composition), 24 Sanford
Hampden Cornice Works (Slate, Metal & Tile), 26 Taylor
Kirkham, J. Stuart
McCleary, John & Son (Slate), 196 King
Montague, D. B., 278 Main
Munsell, E. W. & Co., 654 Main
Pratt, H. J. & Co., 108 Dwight
Quinn, T. E.
Shine, Jno. I.
STOCKBRIDGE—Van Deusen, Mrs. Jno. M.
STONEHAM—Gray, W. N. (Slate, Metal & Gravel)
Hutchinson & Duncan
STOUGHTON—Burrell, H. G.
Deacon, D.
Paul, Samuel, Jr.
SWAMPSCOTT—Philbrick & Pope
TAUNTON—Baker, Timothy C., 42 Main
Black, Wm. R. (Asphalt & Gravel), 32 Union
Crapo, H. G., Tremont & Fremont
Newhall, G. S., 6 Main
Whitmarsh, Irving F., 64 Weir
Wordell Plumbing Co., 14 Trescott
THORNDIKE—Bond, A. M.
TOPSFIELD—Richardson, A. B.
TURNER'S FALLS—Starbuck, Geo. & Son
Ward, M. A.
VINEYARD HAVEN—Armsby, Geo. F.
Tilton, H. L.
WAKEFIELD—Taylor, Geo. H.
WALES—Fisher, A. F.
WALPOLE—Barrett, T. A.
Spear, Horace A., Jr.
WALTHAM—Carr, Geo. H.
Cullen, T. W. Co.
Kirwin, F. H.
Taylor & Percival
WARE—Marsh Bros.
WAREHAM—Humphrey, Albert
WARREN—Maxim, J. W.
WATERTOWN—Morris, Edw. O. (Slate)
Walker & Pratt Mfg. Co.
WEBSTER—Bates, A. J. & Son
Hawkinson, N.
WELLESLEY—Porter, F. H.
WESTBORO—Frost, Wm. B.
Woodman, G. H. & Co.
WEST DENNIS—Weyser, Chas. C.
WESTFIELD—Noble, L. E. & Co.
WEST MEDFORD—Bragdon, Louis G. (Asphalt, etc.), 83 Sharon
Neilson, Otto J. & Co.
WEST MEDWAY—Grant, W. R.
WEST NEWTON—Carley, C. G.
Cushman, Jno. T.
Fiske, A. F. & Co.
WEST SPRINGFIELD—Jaques, R. W.
WEST STOCKBRIDGE—Sprague, Cyrus W.
WEYMOUTH—Bates, A. K.
WHITINSVILLE—Sykes, W. T.
WHITMAN—Goodwin & Co.
WILLIAMSTOWN—Sherman, B. H.
WINCHESTER—Dunnell, Jas. A.
Laraway, J. A. & Co.
Pratt, Geo. E. & Co.
WINTHROP—Grimes, Michael
WOBURN—Shaw & Campbell
Stretton, Wm. G.
Strout, C. M. & Co.
WORCESTER—Barnard, G. A. (Slate, Metal & Gravel), 74 Prescott
Callahan & Greene, 86 Foster
Carr, Geo. W. Co. (Gravel, Tar & Slag), Builders' Exchange
Cooley, Hy. P., 9 Brittan
Cooney, M. D., 9 Millbury
Hanley, Richard (Slate, Gravel & Metal), 125 Summer
Jordan, J. W. Co., 611 Main
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Kiely, Jas. J. & Co., 58 & 74 Thomas
Lamb, J. B., 13 Park
McNally, D. E. & Co., 109 Union
New England Steel Roofing Co. (Steel), 274 Main
Pickup, Geo. W., 10 Pleasant
Power, Nicholas R. (Gravel & Concrete), 10 Merrifield
Power, Patrick (Slate), 5 Milton
Prouty Bros., 174 Main
Robinson, M. E., 160 Union
Robinson, Winslow H., 3 Prescott
Taylor, Jas. S., 172 Southbridge

MICHIGAN.

ADRIAN—Baier, Jos. A.
Clauda, Meyer & Littleton
Crittenden, Emmett P.
Lane & Muehleise
Taylor Bros.
Vogel, Clemons
Wilcox Hdw. Co.
ALBION—Gale, E. C. & O. H. (Metal & Comp.)
Granger Hdw. Co. (Metal & Comp.)
Griffin, Geo. P. (Metal & Comp.)
Slowey, Wm. E.
ALLEGAN—Dryden, Jno. F.
Phillips Bros.
ALPENA—Campbell, Wm. H.
Eddy Bros.
ANN ARBOR—Dieterle Hardware Co.
Fischer, John C.
Muehlig & Schmid
Schlenker, C.
Schumacher's Hardware
BANGOR—Camp, Fitz W.
BATTLE CREEK—Battle Creek Furnace & Roofing Co.
Bock, C. F. & Son (Slate & Iron), 18 Madison
Brockett, L. B. & Son, 59 W Main
McConnell, E. M. (Asphalt, Gravel, Steel, Tin), 30 N Jefferson
Peterson, J. G. (Slate, etc., Tin & Iron), 27 Wash'n
Pittman, F. P., 36 East Main
BAY CITY—Burkhardt, Frank E.
Hart, C. M. (Slate & Gravel)
Jennison Hdw. Co.
McDonnell Hdw. Co.
Smith, T. E.
Styninger, J. A.
Tossell, J. P.
Ufer, A. H.
Wilson & Wanless
BELLEVILLE—Cady & Forbes
BENTON HARBOR—Colgrove, Wm. B.
BERRIEN SPRINGS—Reynolds & Lemon
BIRMINGHAM—Balakeslee, J. R.
BLISSFIELD—Timmins, P.
BOYNE—Reichert, J. L.
BRIGHTON—Baetcke & Colett
BROOKLYN—French, Stuart K.
Martin, Jno. B.
BURROAK—Hazzard, F. J.
CADILLAC—Johnson, John
CALUMET—Carlton Hdw. Co.
Smith, J. F. D.
CAPAC—Warren, Everett
CARSON CITY—Hallett, John W. & Son
CASSOPOLIS—Fisher, Jno. W.
Hayden, W. B. & Son
CENTERVILLE—Pitts, L. W.
CHARLEVOIX—Bartholomew, L. D. & Co.
CHARLOTTE—Munger, J .W. & Son
CHEBOYGAN—Cueny, J. E. & Bro.
Post, J. J. Hdw. Co.
CHESANING—McKenzie, Hector F.
CLARKSTON—Smith, Oliver A.
CLINTON—Lindsley, Geo. C.
COLD WATER—Allen, D. C. & Co.
Chandler Hdw. Co. (Metal & Slate)
Kerr Bros. (Slate, Metal & Comp.)
CROSSWELL—Heard, Harry J.
DANSVILLE—May, Geo. W. & Son
DETROIT—American Roofing Co., 157 Wayne
Ames, Louis (Metal), 270 Grand River av
Armstrong, B. & Co. (General), 59 Gratiot
Bachmann, C. F. (Iron, etc.), 485 Rivard
Berschbach & Herz (General), 599 Gratiot
Bertling, Paul C., 344 Grand River av
Buchta, Hy., 878 Rivard
Burton, W. J. Co. (Asphalt, Felt, Slate, Metal & Tin), 164 Larned, W
Candler, J. D. & Co. (Slate, Metal, Tile & Comp.), 177 High, E
City Cornice & Furnace Co. (General), 802 Grand River av
Cleveland Silex Stone Co. (Cement), Hammond bldg
Dancy & Co. (Slate, Metal, Tile & Comp.), 429 6th
Detroit Cornice & Slate Co. (Metal, Tile & Comp.), 145 St. Antoine
Detroit Gravel Roofing Co. (General), 64 Junction
Eagle Cornice & Roofing Co. (General), 815 18th
Ebert Bros. (Comp. Slate & Metal), 352 5th
Gilbert, G. W. (General), 20 Gilman

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Glees, Jno. (General), 817 Gratiot av
Greiner, Theo. (Iron, etc.), 176 Randolph
Hartge, Jos. G., 220 Myrtle
Hartman & Scharf (General), 952 Grand River av
Hensien Mfg. Co. (General), 136 St. Antoine
Hines, H. C. & Co. (Felt & ravel), 354 Humboldt av
Howie Roofing Co. (Slate, Tile, Gravel Asphalt, Comp., Metal, etc.), 370 4th av
Hutchins, C. B. & Sons (Car), Toledo & Livernois avs
Hutton, Robt. & Co. (General), 112 Fort, E
Johnson, John & Co. (Magnesia Flexible Cement), 368 Gratiot av
Klein, Chas., 312 Woodward av
La Bow Roofing Co. (General), 1310 Mack av
Lee Asphalt Co. (General), 15 Atwater, W
Lewis, Henry B. (Slate, Tin & Iron), 45 Jos. Campau av
McConnell, Elmer M. (General), 9 Woodward av
Orth, Adam J. (Slate & Metal), 166 Hastings
Peabody & Co. (General), 969 17th
Pudrith & Chandler (Slate, Tile, Metal & Comp.), 74 Brush
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Young Bros. Co. (Iron, etc.), 313 Franklin
DOWAGIAC—Bishop Geo. E. Hardware Co.
DURAND—Karrer, Frank & Son
EAST GILEAD—Stone Hardware Co.
ESCANABA—Delta Hdw. Co.
Schemmel, Louis N.
FENTON—Curry, L. V.
Hoffman, F. J.
FLAT ROCK—Longprey, L. T.
FLINT—Algoe & Miller
Foote, C. E. (Metal)
Hubbard, Geo. W. & Son
Sager, Wm. N.
Sterner, Edwin Co.
FOWLER—Brunn, Chas. B.
FRANKENMUTH—Link, Chas. F.
FRANKFORT—Collier Bros.
FREMONT—Northway, E. L.
Raider, J. F. A. & Son
GRAND HAVEN—Johnson, H. W.
O'Connell, Jas.
Pfaff, Fred. & Co.
GRAND RAPIDS—Barstow Co., 10 Huron
Brown, J. W., 1180 S Division
Elkenhout, Hy. & Son, 525 Chestnut
Greebl, Jno. H. & Co.
Inglis Bros.
Kutsche, Wm. P.
Mathews, Geo., 986 Hall
Myer, Albert
Reynolds, H. M. Roofing Co. (Gravel, Comp., etc.), c Lewis & Campan
Scheufler, C. A., 40 E Bridge
Sokup, F. J. (Slate, Metal & Gravel), Front, opp Pearl St Bridge
Van Rossum Bros., 505 Ottawa
Weatherly & Pulte (Slate & Metal), 97 Pearl
GREENVILLE—Fowler, W. J. & Co
Ockerman, Wm. M.
Stevens, Geo. W. & Son (Tin & Iron)
HAMBURG—Cunningham, Jas. S.
HANCOCK—Funkey, Jno., Sr.
Kerredge, Wm.
HASTINGS—Evans, E. J.
Goodyear Bros.
Weissert Bros.
HILLSDALE—Gardner, Geo. F.
Hillsdale Hdw. Co.
Wagor & Son
HOLLAND—Beeukes, Jno.
Standart, Eugene B.
Van Landegend, Tyler
Van Landegend's, Jno. Sons
HOUGHTON—McDougall, Alex., Sr.
Portage Lake Hdw. Co. (Comp., Gravel & Metal)
Steller, Theo. A.
Stoyle, Fred
HOWARD CITY—Larry, Chas.
HOWELL—Benedict & Ratz (Slate)
Schroeder, Fred P.
HUDSON—Armstrong & Munger
IDA—Braunlich, A. H.
IONIA—Fedewa & Schaefer
Webber, H. B. & Co.
IRON MOUNTAIN—Corning & Barron
Mitchell, W. H.
Rundle, A. J.
JACKSON—Avery Plumbing, Heating & L. Co.
Barkalow, Silas
Barrett & Daly (Slate & Metal), 114 Cooper
Copsey, Chas. H.
Dunlap, Wm. H.
Loeser & Lehr, 110 E Main
McGraw & Crone (Slate & Metal), 214 E Main
McLean, F. & Co. (Slate & Tin), 162 W Main
Oleslager, Jno. B., 510 E Main
Smith Bros.
KALAMAZOO—Chatfield & Metzger
Edwards & Chamberlin Hdw. Co., Burdick, c E Water
Kalamazoo Cornice Works (Slate, Iron, Tin & Gravel), 149 E Water
Lakey, A. L. Co. (Slate, Metal & Gravel), 226 N Burdick
Larned & Shandrew
Michigan Metal Cornice & Roofing Wks
Wheeler & Pitkin
KEELER—Flaherty, A. F.
LAKE ODESSA—Tolles, Howard E.
LANSING—Dunham Hardware Co.
Fleming, J. (Slate & Metal), 309 Wash av, So.
Gaylord, Robt. S.
Goodrich & Connor
Gregory, Geo. H.
Mudford, Wm.
Norton, Chas. M. (Comp. & Metal), 111 Wash'n, So.
LAPEER—Gray, Harry
Gray, Sidney T.
LESLIE—Harris, Frank
LOWELL—Littlefield, S. O.
LUDINGTON—Boerner, Chas. (Felt & Gravel)
Caswell, Edw. B.
LYONS—Hatch & Baker
MANCHESTER—Kuebler, Louis A.
MANTON—Meyer Hdw. Co.
MARINE CITY—Scott Bros. & De Lisle
Zimmerman Bros.
MARQUETTE—Manhard, M. R.
Neidhart, B. & Co.
MARSHALL—Nagle, Julius
Osborne, Daniel
MARTIN—Burr, Jno. H.
MECOSTA—Henry, B. S.
MEMPHIS—Wade, Jno. C.
MENOMINEE—Bertholdt, Herman C.
Menominee Hdw. Co.
Northern Hardware & Supply Co.
MIDLAND—Aldrich, Earl S.
Beardsley, Wilson G.
Reardon Bros. Merc. Co. (Tin & Metal)
MILFORD—Hatch, F. B.
MONRENCI—Gust, G. W.
MONROE—Beyer, Gustave W.
Steiner, Wm.
MT. CLEMENS—Ferrin, Chas. S.
Ullrich, R. C.
Widrig, Rosell
MULLIKEN—Morris, A. T.
MUNISING—Thoenen, R. H.
MUNITH—Harris, Arthur M.
MUSKEGON—Palmer, Herrendeen Co.
Smith & Asmussen
NASHVILLE—Brattin & Perkins (Slate)
Glasgow, C. L. (Steel)
Young, Glen H. (Steel)
NEW BALTIMORE—Langell, Frank M.
NORTH BRANCH—Orr, Daniel
NORTHVILLE—Carpenter & Huff
OWOSSO—Curry, Ira G.
Post & Son
Thompson, J.
PAW PAW—Holt, Hy.
Norwood, C. A.
Waters, H. C. & Co.
PERRY—McNamara, M. W.
PETERSBURG—Kohler, Fred
PETOSKEY—Brackett Hdw. Co.
Bump & McCabe
McDonald, Dudley
Raynolds & Rain
Whittemore, L. M.

PLYMOUTH—Connor Hdw. Co.
Huston & Co.
PONTIAC—Gable, Leonard
Hallett, E. J.
Rich, A. C.
PORT HOPE—Weatherhead, M. P.
PORT HURON—Bolligar, Jas.
Busby, Chas. E.
Dart, J. A.
PORTLAND—Ferguson, R. L.
QUINCY—Bishop, I. L.
Cole, S. B.
RANSOM—Thompson, O. W.
REED CITY—Weinrick, R. F.
RICHMOND—Philip, W. B.
Streich, C. F.
ROCHESTER—Tienken & Case
Winans & Roberts
ROMEO—Engel, Fred'k
McDowell, Wm. C.
Moreland, H. H.
ROMULUS—McBride, W. S.
ROSCOMMON—Orcutt, Wm. B.
SAGINAW—Asphalt Roofing Co., 1424 S Hamilton
Beer, J. G., 1224 Court
Ferguson, John S.
Foale, Edw. H. (Gravel & Comp.), 409 Millard
Gemmill, Wm. & Son, 502 Potter
Jacobi, Alex. I. N. (Slate & Metal), 113 N Warren av
Krogman, H. G., 212 N Hamilton
Leyerer, J. S.
Martin, B. & Son, 816 Jane, E S
Paxson & Schoenberg (Tin & Steel), 213 N Hamilton
Saunders, Chas.
Schaberg, C. F.
Taub, Herman L., 1153 Genessee av
Valley Cornice & Slate Co. (Slate, Steel & Tin), 300 N Hamilton
Weiland, Albert P.
ST. JOHNS—Fowler & Ball
Spaulding & Co.
ST. JOSEPH—Platt, Edwin F.
ST. LOUIS—Humphrey, F. N.
SAUGATUCK—Koning, Jno.
Schnobel, H.
SAULT STE. MARIE—Logan, Thos. E.
Soo Hardware Co.
SCOTTVILLE—Tifft, Wm.
SEBEWAING—Muellerweiss, Adolph
SHELBY—McKinnon, A. R.
Rankin, A. J.
Sargent, M. J.
SHEPHERD—Worthington, F. A.
SOUTH HAVEN—Newcome, W. J. & W. A.
SPARTA—Loops, Jas.
SPRINGPORT—Gregory, Fred
STANTON—Segar, Edwin L.
STURGIS—Feek, H. H.
TECUMSEH—Satterthwaite Bros.
Whitenack, D. L. & Co.
THREE RIVERS—Griffith, Jno. (Slate & Metal)
Reed, T. J.
TRAVERSE CITY—Arms & Cole
TRENTON—Campbell, Loren
UBLY—Wilkinson, Harry J.
UNION CITY—Walker, C. S.
VASSAR—Brett & Beach
Dean, H. C.
Sandford, R. M.
VERMONTVILLE—Bailey, F. J.
WALDRON—Gish, C. M. (Asbestos, Gravel & Metal)
WAYNE—Cozadd, J. C.
WEST BAY CITY—Bruette, Peter D.
WOODMERE—Mason, Richard
WYANDOTTE—Gartner Hdw. Co.
Karth, Frank A.
YPSILANTI—Carpenter, F. I.
Harding & Shaffer
Whitford, T. S. & Co.
Willis, M. A.

MINNESOTA.

ADRIAN—Prediaux, W. H. & Son
Sands, C. A.
AITKIN—Schadegg, Fred. G.
ALBERT LEA—Gulbrandson Hdw. Co.
ALEXANDRIA—Olson, Frank C.
AUSTIN—Decker Bros.
Revord & Holmes
BARNESVILLE—Bauer, Chas., Jr.
BEMIDJI—Doran Bros.
BIRD ISLAND—Kromer & Hurley
BLOOMING PRAIRIE—Morton, E.
BLUE EARTH—Maas, A. G.
Maxson Hardware Co.
Rabe, Chas.
BUFFALO—Osterman, Jno.
CASS LAKE—Schwenk, Chas. & Son
CHATFIELD—Heyden, H. H.
CLOQUET—Fish, L. A. & Co.
Loisel, Jos.
CROOKSTON—O'Brien, J. E. & Co. (Asbestos)
DELANO—Conzet, Jno.
DULUTH—Burrell & Harmon (Slate & Metal), 3 S1st av, E.
Duluth Corrugating & Roofing Co. (Iron, Pitch & Gravel)
Ketchum, L. O., 301 N 55th av, W.
Hollihan, John P.
FARIBAULT—Cavanaugh, Geo. W.
FARMINGTON—Peters, Henry
FERGUS FALLS—Bauer, Joseph
Frankoviz, M.
GIBSON—Isakson, Louis
GLENWOOD—Rowe, David W.
HARMONY—Kidder, E. F.
HENDERSON—Ueckler & Ritter
HOPKINS—Kocourek, Jno. J.
KENYON—Tornblad, Jno.
LITCHFIELD—McNulty & Co.
MADELIA—Cole, W. W.
MANKATO—Hennessey, Jno.
Lewis, John A. & Son
Lulsdorff, G. & Son
MINNEAPOLIS—Allan, D. M., 311 6th av, S
Archambo Heating & Plumbing Co., 317 5th av. S
Barber Asphalt Co. (General), 322 1st av
Berg, E. B., 15 S E Main
Bergman & Co., 726 S 4th
Connell Bros. (General), Andrus bldg
Crittenden Roofing & Mfg. Co. (Slate, Metal, Tile, Asphalt, etc.), 1007 S 3d
Drury, C. F., 1210 3d av, S
Gardner, W. L., 6 E Lake
Gerber, J. J., 128 6th av, S

GILMAN SNOW GUARD

103 Merrimac, Boston, Mass. (See adv. index, end of book)
Great Wester Stove Repair Co., 312 Hennepin av
Heath-Qunmby Co., 1 N 1st
Henning, Julius (Slate, Gravel & Metal), 310 Plymouth av
Henseler & Naused, 1324 Marshall
Heinz, Louis, 821 Minnehaha av
Helseth, L. J., 252 Cedar av
Kaplan, Max, 523 Wash'n av, N
Keller, L. J., 617 1st av, S
Kinne Mfg. Co., 1124 S 3d
Krenzke, T. A., 26 W Lake
Lucas Bros., 424 Hennepin av
Lund & Spring, 627 N 5th
Maire Paint Co., 242 1st av, N
Messig, G. C. & Son, 91 S 10th
Middlemist & Sons, 9 N 2d
Minneapolis Roofing & Cornice Works, 403 6th av. S
Morison, W. K. & Co., 247 Nicollet av
National Roofing & Cornice Works (General, Cement, Felt, etc.), 1412 S 7th
Nees, Louis & Co. (Slate, Metal, Gravel, etc.), 1207 S 3d
Northwestern Roofing, Cornice & Stamping Works (Slate, Metal, Pitch & Gravel),
Nott, W. S. Co. (Comp.), 200 1st av, S
Osborn, R. N., 225 Oak
Plant Rubber Co. (Asphalt), 322 1st av, N
Porter, J. H., 1706 Franklin av, E
Roberts, H. O., 103 Western av
Robinson, A. H., 917 Nicollet av
Selden Roofing & Mfg. Co., Western av & 11th
Shelley, H. G., 2010 Cedar av
Shogren, J. A., 1416 Hennepin av
Shotwell, H. J., 103 S 6th
Stremel Bros. Roofing & Cornice Co. (Slate, Felt & General), 1215 Wash' av, N
Thompson, F. T. (Gravel), 507 Central av
Townsend, A. W., 16 S 2d
Tunstead Heating Co., 220 S 6th
Union Roofing & Mfg. Co., 200 1st av, S
Yerk, Fred. J., 4 S E 5th
MONTEVIDEO—Jensvold, F. N.
MOORHEAD—Levitre, Jno. J.
MORA—McIlhargy, S. D.
NEW ULM—Laudenschlager, Mrs. H.
NORTHFIELD—Beirmann Bros.
Boe. H. A.
OWATONNA—Butsch, C.
Clefton, C. J.
Thon, John
PARK RAPIDS—Breher, Jos.
Tennis, S. C.
PELICAN RAPIDS—Berg, Lara L.
PRINCETON—Grant, B. D.
RED WING—Gates, G. E.
Nelson, Peter
REDWOOD FALLS—Laird, D. E.
Pease, E. A.
ROCHESTER—Stebbins & Co.
RUSHFORD—Grieser, Chas.
RUSHMORE—Ferrin, A. W.
ST. CLOUD—Longley, Louise E.
Theilman Bros.
ST. PAUL—Adams, E. J., 374 Jackson
Bott, R. A., 126 S Robert
Decker, Adam (Est. of), 347 Jackson
Eureka Stone Co., 709 Wabasha
Finn & Schumacher (Pitch, etc.), 468 St. Peter
Franz, L. & Son, 510 Pleasant av
Haag, Geo., 319 W 7th
Haag-Laubach Roofing & Cornice Co., 28 W 3d
Haas & Anderson, 131 S Wabasha
Haase, C. A., 744 Grand av
Harms, W. J. F., 2378 Hampsden av
Heinl, John, 918 W 7th
Hinderer, Edward, 195 W 6th
Justus, P. C., 314 Rice
Karst & Breher, 187 W 3d
Kumrow, W. H., 40 W 4th
Lefebvre-Deslauriers Roofing & Cornice Co. (Slate, Tile, Asphalt, etc.), 26 8th
Marzolf, A. & Co., 484 Miss.
Northwestern Stone Co. (Slate & Tile), 186 W U niversity av
Ostrander, Alex., 174 N St. Albans
Perkins Mfg. Co., 1121 E 7th
Peyer, E. J., 543 Rice
Phillippe, Michael, 965 Rice
St. Paul Roofing, Cornice & Ornament Co. (Slate, Mantel & Tile), Water c Wabasha
Schleck Bros., 991 W 7th
Schletz, R. E., 674 Winslow av
Schneider & Luckert, 228 W 3d
Schroeder, Bros., 902 Payne av
Scribner-Libbey Co. (Comp. Slate & Metal),
Wenzel, Robert, 661 Kent.
ST. PETER—Evenson Bros.
Feldman, Chas. H.
SAUK CENTRE—Hillerud, G. & Co.
SHAKOPEE—Mergens, Henry
STILLWATER—Evans, W. T.
THIEF RIVER FALLS—Jackson, C. C. & Co.
Oen & Granum
TRACY—Parks, E. P.
TWO HARBORS—Erickson, L. R.
Schreiner Bros. & Moulton
WABASHA—Schmidt, Julius
WARREN—Larson, M. L.
Taralseth, K. J. & Co.
WILLMAR—Lewis Hardware Co.
Lundquist Bros.
Wiggins, J. H. Co. (Comp.)
WINONA—Baeuerlein, C. A. Hardware Co.,
Behrens, H. & Co., 58 W 3d
Giese, A. O. (Comp., Slate & Gravel), 226 E 3d
Magnus & Wilkens, 119 E 2d

MISSISSIPPI.

ABERDEEN—Lann & Carter Hdw. Co.
Henderson Hdw. Co.
Miller, J. A.
BAY ST. LOUIS—Gallup, W. O.
COLUMBUS—Harris-Pegues Hardware Co.
Newby Bros.
CORINTH—Byrnes, M.
JACKSON—Daley, C. E.
Gaston, H. D.
Key, Jas. W.
McCleland, Thomas Hardware Co.
Watkins, E.
MERIDAN—Briggs, D. D.
Melton Hardware Co.
Meridian Plbg. Co.
Stafford, Jno. W. Co.
Switzer, J. W. & Son
NATCHEZ—Boyle, B.
Mack & Holmes (Comp.)
Mulvihill, P. W. (Metal & Slate)
Schwartz & Stewart
VICKSBURG—Andress, J. L.
Bruser, Wm. H. (Slate, Metal, Comp. & Gravel)
Fletcher, J. A.
Mulligan, John J. (Slate, Comp., Metal & Gravel)
Smith, J. B. (Slate, Comp. & Metal)
Waggener, C. P. (Slate, Metal, Comp. & Gravel)
Wahl, G. W.
WATER VALLEY—Dalton, T. H. & Co.
WEST POINT—Foster & Co.
Quinn, H. L. & Co.
YAZOO CITY—Cummings, M. F. (Slate & Tin)
Jenne, George

MISSOURI.

AURORA—Aurora Hardware Co.
BERGER—Freese, A. W.
BETHEL—Bower, W. C.
BEVIER—Frederick B.
BETHANY—Bethany Hdw. Co.
Cole, W. C.
BILLINGS—Diehl, L., Sr.
BLACKWATER—Fisher & Sauter
BOONVILLE—Kuehner, L. C. (Slate & Metal)
Kuehner, L. C. (Slate & Metal)
BOWLING GREEN—Campbell Bros.
BRAYMER—Divelbiss, Eichler Co.
BROOKFIELD—Brown, George
Fridley, J. B.
Post, M. C.
Turner, H. F.
BROWNING—Davis & Gable
Gooch, D. B.
BRUNSWICK—Hopkins & Schrenck
BUCKLIN—Hausmann, T. A.
Murphy. Hy.
BURLINGTON JUNCTION—Corken Bros.
George, J. R. & Co.
BUTLER—Bennett, Wheeler Mer. Co.
Ray, Hayden
CAMDEN—Burnett, Clarbourne
CANTON—Goodrich, E. J.
Martin, J. & Sons
CAPE GIRARDEAU—Brunkhorst, A. F.
Leher, H. A.
Vogel, W. H.
Vogt, F. W.
CARROLLTON—Poland & Crouch
Rucker Bros.
CARTERVILLE—Wood, Chas. E.
CARTHAGE—Drake Hardware Co.
Kiem & McMillan Hardware Co.
CARUTHERSVILLE—Caruthersville Hdw. Co.
Seat, Jno. G. & Son
CENTRAL—Fuhrmann, J.
CHILLICOTHE—Batta, Joseph
Markey, James A.
Minteer, Joseph C.
Palmer, S. & Son
CLARENCE—Hord, J. R.
Lagenbock, A. (Est. of)
CLARKSVILLE—Kissinger, J. H.
CLINTON—Baum, Hy.
Blakemore, Jas. N.
Haysler Hdw. Co.
Sherpy & Stone
Thomas & Foster
CLYDE—Kaiser, Casper
COLUMBIA—Gribble, H. J. & C. E.
Matthews, Charles
Hornberger, W. W.
Jones, R. P. & Son
Newman, C. C. & Co.
CONCORDIA—Sodemann, Wm.
CORDER—Kleinschmidt, H. F.
DEEPWATER—McCown Bros.
DE SOTO—Berg, Peter
Cunningham-Hamel Mercantile Co. (Gravel, Tin, Comp., etc.)
Slawson & Kingston (Gravel, Tin, Comp., etc.)
DEXTER—Miller, Ulen & Carter
DIXON—Dixon Hdw. Co.
DONIPHAN—Ray, W. R., Jr.
DOWNING—Bailey, C. M.
EDINA—Frobes Bros.
Mudd & Gibbons
ELDORADO SPRINGS—Babler, H. J., Sr.
Smith, B. W.
EVERTON—Goforth & Allen
McLemore & Ritchley
EXCELSIOR SPRINGS—Ley Bros.
FARMINGTON—Boswell & Helber
Tucker, A. J.
FAYETTE—Bell Bros.
Kelly, D. P.
FLORISANT—Albers, Aug. C.
Kienstra, Anthony
FRANKFORD—Bucks, Jno. K.
FROHNA—Serbel, E. & Son
FULTON—Callaway Hdw. Co. (Slate & Metal)
GALLATIN—Lawrence Hardware & Implement Co.
GALT—Proctor Bros.
GLASGOW—Blocher & Huber
GLENWOOD—Chattin, Wm. & Bro.
Smith, Celeste
GRANBY—Mitchell & Scholes
GREENFIELD—Helpenstein, Amos.
Kirby, Shaw & Davisson
HAMILTON—Martin, F. A.
HANNIBAL—Busby, W. C., N Main st
Farmer, J. O., N. N Main
Hynes, J. E.
Hixson Hdw. Co.
HARRISONVILLE—Deacon Hdw. & Mercantile Co.
Parsons, J. C. & Bro.
HERMANN—Eberlin, Chris. & Son
HILLSBORO—Leutziger, Jacob
HOLDEN—Tevis, J. H.
HUMPHREYS—Whaley & Son
HUNTSVILLE—Calhoun, V. B.
Crawford, S. C. & B. F.
INDEPENDENCE—Casper, Martin
Hill & Martin (Slate & Metal)
JACKSON—Jaeger, Adolph
Wolters, R. S.
JASPER—Baynes, William
JEFFERSON CITY—Gundelfiner, D.
Meyer, C.
Natch, A.
Schleer Bros.
JOPLIN—Joplin Roofing Co.
Morgan, W. E. Roofing & Mfg. Co. (Gravel, Comp., etc.)
KAHOKA—Moore, D. G.
Wilson, D. T.
Woodruff Bros. & Keester
KANSAS CITY—Bennett, J. H., 1206 E 24th
Betzer, A. L., 1815 E 18th
Blake, C. E., 210 W Port av
Brink, J. H., 926 E 19th
Caddy & Ball, 1307 Balt. av
Cochran, J. K., 1010 E 18th
Conkey Roofing Co. (Gravel), 1314 E 18th
Cooke, C. E., 1407 W 12th
Cubine, W. B., 3031 S W bvd
Curtis Bros., 1104 E 4th
Decker, M. L., 2331 Forest
Dieker, H. A., 507 W 39th
Dietrich, Peter, 706 W 14th
Dietzel, F. H., 921 E 18th
Eichenwald, Bernhart, 1713 Grand av
Ellis, Herbert, 816 S W bvd
Fink, H. J. Sheet Metal Works (Slate & Metal), 1324 Main
Garner, Fred., 605 B'way
Gille Mfg. Co., 1053 St. Louis av
Gilsonite Roong & Paving Co., New York Life bldg
Gray, F. I., 1331 Walnut
Guaranty Roofing Co. (Slate, Metal, Gravel, Comp.), Bank of Com. bldg
Gustin-Boyer Supply Co.
Harding, Wm., 1315 E 15th
Heckard, W. S., New Ridge bldg
Herritt, W. F., 2443 Indes bvd
Hickman, B. T., 1815 E 18th
Izard, T. L., 112 E 9th
Jakobe, J. G., 1318 Main
Johns, H. W. Manville Co., 1410 Main
Kansas City Furnace Co., 618 Prospect
Kansas City Roofing & Corrugating Co., 218 W 3d
Kansas City Slate & Tile Roofing Co., 21st & Forrest
Kansas City Standard Roofing Co., 2118 Grand av
Kerkering & Grothus, 621 B'way
Kimmel, J. C., 3310 E 15th
Kirby, Scott, 709 E 31st
Kornbrodt, Chas. T. (Slate, Tile, Metal & Asbestos), 400 W 6th
McNeese, W. T., 2418 E 18th
Martz & Roebber, 1315 Main
Missouri & Kansas Roofing Co., 1116 Michigan
Nail, J. C., 1421 E 18th
Payne & Belles, 2606 E 18th
Redheffer Co., 544 Main
Reed, H. M., 1428 Walnut
Ritzler, J. A. Cornice & Ornament Co. (Slate & Metal), 600 W 5th
Sellers & Marquis Roofing Co., 105 W 8th
Sick, W. F., 2719 E 15th
Stoeltzing Stove & Hardware Co., 1329 Grand av
Stonhlet, F. C., 16 E Missouri av
Tighe, H. F. & Co., 2324 Grand av
Vance, R. W. Sheet Metal Works, 1520 Walnut
Vanstone, Walter 1710 Walnut
Walter, G. E., 522 Grand av
Weis, Henry Cornice Co. (Iron, Slate & Tile), 1811 Wyandotte
Werner, A. C., 1828 Grand av
Western Roofing Co. (Comp. & Gravel), 109 W 6th
Winn, D. F., 510 E 15th
Woods Bros., 702 Inde av
KENNETT—Riggs, Bros.
KEYTESVILLE—Vaughan, W. D.
KIRKSVILLE—Clark, R. Hdw. Co.
Helme Hdw. Co.
KIRKWOOD—Cronin, M. W.
Daly, W. M.
Donworth, Wm.
LAGRANGE—Oyster, W. E.
Wright, W. J.
Wright & Frowein
LAMAR—Adams Hdw. & Furniture Co.
Humphrey & Bro.
LANCASTER—Freidrich, C. C.
LA PLATA—Fulmer & Gilbreth
LEBANON—Bantley Bros.
Campbell, G. A.
Hartmiller & Son
Koby, Victor
LEWISTOWN—Thale, Aug.
LEXINTON—King & Marrs
Yingling, C. E.
LIBERTY—Harlin, John W.
LINNEUS—Fetty, E. G. & Son
LOCKWOOD—Workman Bros.
LOUISIANA—Rose, C. B.
Suda Hdw. Co.
LURAY—Combs & Webb
MACON—Demeter, E. A.
Jaeger, Joseph
Mayer, Frank Hardware Co.
Walker, W. P., Sr.
MARSHALL—Johnston, O. W.
Page, E. R. (Slate & Gravel)
MEADVILLE—Abell & Loomis
MEMPHIS—Mount, J. E.
MEXICO—Burke, W. G.
Ferris & Hollis
MILAN—Lane & Evans
Turner & Winters
MOBERLY—Kanstiner, Mrs. A.
Nise, P. H.
Selby, W. H.
Stauffer, P. & Co.
MONETT—Floreth, W. H.
MONROE CITY—Jaeger, Alfred
Walker, R. M.
NAPOLEON—Gaeth, Carl
NEOSHO—Briggs-Centres Hardware Co.
NEVADA—Eppemauer, Jos. P.
Evans, L. P. Plumbing Co.
Fluke, D. E.
NEW CAMBRIA—Nichols & Goodson
NEWTON—Koup, A. A.
Wells & Jones
NORBORNE—Backenstoe, R. W.
ODESSA—Broughton, R. W.
OLEAN—Inglish, F. W. & Co.
ORONOGO—Stults, R.
PALMYRA—Best Bros. Hdw. Co.
PARIS—Crawford Bros.
PERRY—Barr & McElroy
Coil & Fairbairn
Stehle & Son Stove Co.
PLEASANT HILL—Hon, W. W.
Pearce, W. E.
PRINCETON—Bowsher, H. C.
QUEEN CITY—Casper, Jos. T.
RICHMOND—Shoop, W. T.
ST. CHARLES—Ebeling, Louis
Heye, Thos.
Nolle, Louis
Pallardy, L.L. & Co.
ST. JAMES—Burge, J. F.
ST. JOSEPH—Barnard, Wm., 919 S 16th
Bristol, P. L. & Bro., 1018 Frederick av
Carolus, Geo. A., 1703 Frederick av
Cramer & Geiwitz, King Hill & Colo av
De Vorss, Angus F., 630 S 8th
Gehrs, Herman J., 1019 S 8th
Gernandt-Man Mer. Co., 510 Edmond
Hale Bros., 428 Edmond
Jesberg, Wm. H., 1212 N 3d
Langan, Peter, 305 S 4th
Miller, Chas., 621 Messane
Parrish-Erickson Hdw. Co., 115 S 6th
Robertson, Wm. J. (Gravel), 922 S 6th
Schwien, Aug. Stone Co., 419 Edmond
Seaman & Schuske (Slate, Tile, Metal & Asphalt), 1604 Frederick
Wehrman, Wm. (Slate & Metal), 119 N 2d
Welbers, W. J., 1106 Faraon
Whelan, Alex. T. (Slate & Metal), 1001 S 10th
Williamson, Wm. C., 202 Highland av
ST. LOUIS—American Can Co., N W c Hall
American Slate & Tile Roofing Co., 816 Olive
Amrhein, Jacob. 1410 S 18th
Andrews Mfg. Co., 6th, S W c Spruce
Asbestos Roofing & Covering Co. (Asbestos), 202 N 12th
Banner Roofing Co., 1449 Gratiot
Baumgarten, Arnold W., 4202A Finney av
Bence, Jos., 1010 O'Fallon
Bender, Nicholas A., 3214 Franklin av
Bennett, Geo. W., 3642 Cote Brilliante av
Bird, J. A. & W. & Co., 908 N 2d
Bonecum, John E., 218 Clark av
Borgwald, Theo., 3418 Gravois av
Bowman Stamping Co., Main, S W c Cedar
Brinkmann, John H., 1913 Olive
Burke, Jas. H., 822 N 21st
Campe, Wm. J., 1921 Frankli nav
Carey, Philip Mfg. Co. (Comp.), 706 Chestnut
Cleary, Wm. & Co., 919 Market

Clynes & Waldsmith, 2007 Cass av
Conway, Wm., 815 Chestnut
Cullen, Jas., 4012 Fairfax av
Davis, Wm. R., 713 N Vandeventer av
Dockery, Jas. J., 3514 Easton av
Doerste, Hy., 2312 Shenandoah av
Dolson, Chas. L., 1102 N 6th
Dolton, Geo. E., 24 S Commercial
Dusipa, Jos. W., 1722 Menard
Eberle, J. & Son, 4014 Leclede av
Ebert, Robt., 1008 N 6th
Ehret-Warren Roofing Co. (Gravel, Felt & Asphalt), Fullerton bldg
Excelsior Car Roof Co. (Comp.), 721 Olive
Excelsior Roofing Co. (Felt, Comp. & Gravel), 1309 N Grand av
Fair Roofing Co. (Gravel), 204 S 12th
Feickert, Wm., 2909 S Jefferson av
Finger, Geo. & Co., 2008 Russell av
Fisler, Gottlieb, 2107 S B'way
Flynn, John A., 813 Walnut
Foy, Matthew H., 1858 Park av
Franz, Lorenz, 6725 S B'way
Frick, Jos. D., 2614 Montgomery
Fugel, Henry J., 4128 Green Lea pl
Fuidge, Richard N., 1551 S Jefferson av
Funke, Bernard J., 1917 College av
Gerock Bros. Mfg. Co., 1252 Old Manchester rd

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Gilsonite Roofing & Paving Co. (Tile & Comp.), 211 N 7th
Gmeiner, Mathias, 1448 S 3d
Govro, Adolph, 1012 N Sarah
Grand Roofing Co. (Gravel & Comp.), 2605 Allen av
Grevels, Edmund, 4520 Easton av
Grundorf, John W., 1600 Blair av
Hafner, Geo., 6824 Manchester av
Hahne, Wm., 2231 Gravois av
Halpin, James Mfg. Co., 1513 Chestnut
Hammermeister, Otto A. (Gravel, etc.), 3322 Lemp av
Hammerstein, Julius, 1212 Wash'n av
Harris, John A. & Son, 4026 Lee av
Hauck, John A., 320 W Steins
Hayden Slate Co. (Slate & Tile), 2006 Locust
Heagen, J. M. (Comp.), 1530 Morgan
Heagen, Thos. A., 2741 Stoddard
Heberer, Edw., 1725 S B'way
Heideman, F. Sheet Metal Mfg. Co., 3912 Carter av
Heimburger, Francis J., 5140 San Francisco av
Helm & Gott, 4920 Easton av
Hemp & Co., 904 S 2d
Hennerich, P. J., 3306 Salena
Herget, John, 611 S 6th
Herman Bros., 1020 N 13th
Herold, Jno. C., 3609 Florissant av
Higgins, B. J. & Son, 711 St. Charles
Higgins, John F. & Co., 5753 Easton av
Hiller Chas., 4579 Easton av
Hopmann Cornice Co., 2500 N Jefferson av
Huber, Pius & Son, 2520 Newhouse av
Huberschmidt Bros., 2021 Franklin av
Huhn, Edw., 508 S 4th
Hummert, Wm., 1131 N B'way
Humpert, John C. & Son, 2524 Salisbury
Hunstein, Conrad, 2306 N 15th
Jaromelik, Frank, 1869 S 12th
Johns, H. W.-Manville Co. (Asbestos, Comp., etc.), 914 N B'way
Jordan, Wm. M., 1123 Market
Kadell, Chas. W., 2729 Lafayette av
Kampmeyer, Edw. G., 3538 S Jefferson av
Kaul, Frank, 3022 Oregon av
Keller, Hy., 5004 St. Louis
Kelly, Francis R., 4583 Easton av
Kern Bros., 518 N Sarah
Kestranek, Jos., 2907 McNair av
Kihnlein, Henry, 1428A Old Manchester rd
Kleinhenn, Henry, 2637 Chouteau av
Koelsch, Wm., 1124 Buchanan
Krauss, Anthony, 4202A Easton av
Kreutzberg & Weiser, 213 Chestnut
Lange, G. A., 6824 Balson av
Larkin, Michael P., 1920 Wash'n av
Latal, Jno. J. Roofing Co. (Gravel, Slate & Comp.), 1518 N 10th
Levy, Fredk., 4148 Easton av
Lintzenich Bros. (Slate), 810 Olive
Lloyd, Geo. E. (Slate, etc.), 1210 Dolman
Loeblin, Geo., 4101 Easton av
Lorenz, Chas. (Comp. & Gravel), 2615 Bismarck
Lucas, Philip G., 2726 Gravois av
Luepker, Frank N., 4217 Virginia av
Lynch, Cornelius, 1317 Gay
McDermott, Thos. F., 1223 Pine
McEwen, J. R. & Sons, 3200 Hall
McHenry, Thos., 4001 Easton av
Mager, Philip G., 810 S 4th
Martin, Thos. & Son, 3308 La Salle
May, John, 2833 Chouteau av
Meisel, Jno. J., 2419 Elliott av
Mende, A. (Slate, etc.), 2822A Victor
Merkel, Herman, 509 Elm
Missouri Can Co., N W c Hall
Missouri Gravel Roofing Co. (Gravel & Comp.), 107 N 8th
Moll Bros. (Gravel, Felt & Comp.), 1019 Chestnut
Mueller, Adolph, 829 Wash'n
Murkiff, Patk. B., 4975 Easton av
Naughton, P. S. Slate Roofing Co. (Slate, etc.), 1313 N Grand av
Nischwitz, Fredk. G., 312 Miller
Nolting, Christina, 1716 Franklin av
Ogden, Jos. B., 1100 Ohio av
O'Hearne, Jos., 3813 Easton av
Palubiak, John, 4044 Phillips av
Pesch, Christian, 1709 S 7th
Pesch, Frank (Slate & Metal), 6324 S B'way
Peter, Fredk. A., 2827 N 9th
Peters, Jas. K., 3023 Olive
Pinkus, Morris, 1243 S B'way
Poertner, Harry, 1628 Lucas av
Powers & Boyd Roofing & Cornice Co. (Slate & Metal), 3614 Laclede av
Rabenberg, Edw. H., 105 N 7th
Reardon & Co., 1246 N 3d
Reese, Frank C., 712 N Vandeventer av
Riddle, Geo. A. & Co. (Slate, etc.), Odd Fellows bldg
Rimmelin, Richard, 1120 N B'way
Rosenblum, E., 816 N 9th
Runzi, Theo., 5427 N B'way
St. Clair Roofing Co. (Comp. & Gravel), 815 Chestnut
St. Louis Roofing Co. (Felt, Comp. & Gravel), Wainwright bldg
Santen, Jno. H., 815 Allen av
Schaperkoetter, Gustav, 2221 Madison
Schmidt, Fredk., 7716 S B'way
Schneider, Chas., 3170 Iowa av
Schumann Bros., 1522 S 7th
Sellers, John M., Wainwright bldg
Seltzer, Henry Mfg. Co., 709 Wash'n
Shanley, Michael H., 207 Chestnut
Sidler, B. & Co., 1823 N Taylor av
South St. Louis Cornice Works, 3932 Iowa av
Standard Roofing Co. (Comp.), 1109 Chestnut
Steube, Jos., 1449 Gratiot
Stirrat, Jas., 4240 Olive
Stoehr, Barbara, 2708 Laclede av
Stoops, Thomas S., 1905 Lynch
Stupp Bros. Bridge & Iron Co., Weber rd & Mo.Pac. Ry.
Suda, Louis M., 1617 S Jefferson av
Syberty, Frank, 507 Clark av
Sydow, Herman, 6333 S B'way
Sydow, John, 7922 S B'way
Tiernan, Luke, 1019 Chestnut
Tower Roofing Co., 4309 Florissant av
Trinidad Asphalt Mfg. Co. (Asphalt, Comp., etc.), 320 S 21st
Uhrig & Jenne Tinware & Roofing Co., 219 S 14th
Union Sheet Metal Works, 1445 Cass av
Vantilburg, Geo. H., 1512 Park av
Villiger, John, 3405 Indiana av
Vogler, A. Sheet Metal Mfg. Co., 24 S Main
Von der Au-Cluss Hardware & Cornice Co., 2349 S B'way
Wanner Patent Roofing Co., 713 Park av
Webb, Alvin S., 2426 Cass av
West St. Louis Slate & Tile Roofing Co., 4338 Chouteau av
Western Slate Co. (Slate), 1111 Walnut
White, T. H. (Slate), 2709 Rutger
Wiegreffe & Heintz, 2715 N 14th
Williams, Jas. E. (Slate), 4331 McRee av
Wolf, Edw. R., 1709 Geyer av
Wolff, Albert, 705 S 4th
Wynne, Robt. L., 1414 Olive
Yates, Jas. W., 4048 Olive
Yehling, Louis, 1010 Lami
Young, C. (Comp. & Gravel), 2615 Victor
Zacharias, Wm., 1204 Park av
Zimmerebner, Domenicus, 5355 Old Manchester rd
Zitko, Jos. C., 1724 Menard
Zuber, Gottlieb, 3117 S B'way
Zurcher, John T., Blair av, S E c Monroe

SALISBURY—Luck, J. W.
SEDALIA—Ilgenfritz Hardware Co.
Sedalia Hardware & Grover Co.
Smith, D. H. Hdw. Co.
SHELBYVILLE—Miller, N. C.
SLATER—Jenkins, R. T. & Bro.
SPRINGFIELD—Anslinger, Mrs. K. D. (Slate & Metal), 212 E Walnut
Armstrong, Thos. & Bro., 301 E Commercial
Carmack & Rathbone, 510 Commercial
Leonard, Jas. H., 215 S Campbell
Schuerer & Son, 425 E Commercial
Shackleford, Jno. H.
Speaker, Ernest, 323 Boonville
Watts, F. L., 512 Boonville
STOUTSVILLE—Walters & Kincaid
SWEET SPRINGS—Rembert, A. S.
TINA—Evans, E. L. (Est. of)
TRENTON—Berry & Witten
WARRENSBURG—Stilwell, M. F.
Warnick Bros.
Whitman, G. A.
WASHINGTON—Busch, E. G. & Co.
Dickbrader, H. J.
WAYLAND—Grate, B. & W.
WEBB CITY—Geiger, G. W.
Mead & Palmer
WENTZVILLE—Wullschlegel, G.
WESTON—Schwope & Miller
WESTPHALIA—Buthe, Jos.
WEST PLAINS—Fitzgerald, M. G.
WHEELING—Smiley Bros.
WINDSOR—Colbow & Lewis
Davis, H. T.
WYACONDA—Bowman, Jno.
Matthews, Jas. C.

MONTANA.

ANACONDA—Copper City Commercial Co.
Stagg, J. P.
BILLINGS—Yegan Bros.
BOZEMAN—Lundwall, Chas.
McCay, Harry B.
McCay, J. J. (Est. of)
BUTTE—Western Asphalt & Gravel Roofing Co.
DEER LODGE—O'Neill Hdw. & Plumbing Co.
Zenor & Trask
GLENDIVE—Lowe, Wm.
GREAT FALLS—Great Falls Hdw. Co.
Minter, Gus G. (Gravel & Metal)
Murphy, Maclay Hdw. Co.
HELENA—Adams Heating-Plumbing Co., Main c 6th av
Krigbaum, P. C. & Co., 352 N Main (Gravel & Comp.)
McKinnon, H. A., 405 N Main
Mitchell, John (Slate & Metal), 352 N Main
Rummell, Jacob, 114 E 6th av
KALISPELL—McIntosh Hdw. Co.
Missoula Mercantile Co.
LEWISTOWN—Judith Hdw. Co.
Mont Hardware Co.
MISSOULA—Missoula Mercantile Co., 102 Front

NEBRASKA.

AINSWORTH—Oakley, A.
ASHLAND—Clarke Hdw. Co.
BEATRICE—Habig, Chas. A. (Slate, Metal & Gravel)
Lock, Ira D.
Pyle, A C.
BROKEN BOW—Cox, W. H.
CENTER—Feinegle, J.
COLUMBUS—Boyd, R. C. & Son
Dussell, A. & Son
DAWSON—Judd, Lee Roy
FREMONT—Globe Cornice Works
Lee, H. J.
GOTHENBURG—Jennings & Spaulding
GRAND ISLAND—Henke & Co.
Lederman Bros., 211 W 3d
McAllister, R. H.
Wingert, Bert
GREENWOOD—Voorhees, F. & Co.
HASTINGS—Hutchinson, J. E.
HOOPER—Heine Bros.
KEARNEY—Bodinson, C. F. Hdw. Co.
Hubbell Bros.
LEXINGTON—Bancroft, J. S.
LINCOLN—Baker, Leon, 140 N 10th
Hall Bros. Co.
Keller, John, 1435 O
Krause, W., 806 O
Nebraska Cornice Works, 815 Q
Nichols Roofing Co. (Comp.), 413 S 7th
Way, Palmer, 2217 O
M'COOK—Polk Bros.
Waite, H. P. & Co.
NEBRASKA CITY—Henry, Albert
Kuwitzkey, Horace
Ziels, G. W.
NORFOLK—Degner, A.
Friday, Jno.
Laubsch, Carl L.

NORTH BEND—May, Milton
NORTH PLATTE—Fillon, Jos. T.
OMAHA—Briggs, G. W., 325 N 24th
Griest, M. W., 444 N 24th
Haberstroh, W. A.
Hauth, Philip
Heaton, W. S.
Jansen, Ferd., 114 N 24th
Jones, J. H. Roofing Co. (Slate, Tile, Mica, Asphalt, Comp., Felt., etc.), 1517 Burt
King, Geo. W.
Koch, G. E.
Miller & Peterson
Mueller & Johnson
National Roofing Co. (Slate, Gravel, Mica, Tile, etc.), 510 Ware blk
Olson Bros.
Rogers, G. W. (Comp., Gravel, Asphalt & Felt), 915 Douglas
Simon, Wm.
Simonson & Norby, 1612 Capito lav
Thrane, L. C.
Wright, W. S., 529 N 24th
ONEILL—Davidson, Jas.
PAPILLION—Pacey, E. D.
PLATTSMOUTH—Hall, J. S.
RULO—Winterbottom, Jno. S.
SCHUYLER—Pence, J. A.
Shonka, Geo. A.
SHELTON—Brady, C. F.
SO. OMAHA—Graf, Hy.
Grist, M. W.
SUTTON—Carney, S.
VALPARAISO—Collier, W. J. & Co.
WACO—Tinker, C. W.

NEVADA.

AUSTIN—Parker, W. H.
CARSON—Kroeber, J. H. & Co.
Millard, A. J.
EUREKA—Cromer, L. W.
Gavin, Geo.
GOLD HILL—Bennett, J. B.
RENO—Genesy, B. J.
Jones & Peterson
Nevada Hdw. & Supply Co.
Savage, F. C.
Schmitt, E.

NEW HAMPSHIRE.

ALSTEAD—Anderson, S. G.
ALTON—Muzzey, Frank W.
AMHERST—Taylor, F. C.
ANTRIM—Hunt, Geo. W.
ASHLAND—Thompson & Sanborn
BELMONT—Barrett, W. J.
BERLIN—Berlin Mills Co.
Burbank, E. A.
BRADFORD—Marshall, Chas. H.
BRISTOL—Emmons & Dolloff
CANAAN—Eastman, Danl.
CLAREMONT—Briggs, J. G., Main st
Crossman, Fred S.
McGrath, John (Slate, Felt & Gravel), 48 Summer
CONCORD—Britton, A. H. & Co.
Darrah, W. E. (Gravel & Slate), 156 N Main
Hobson, J. Edgar
Orr & Rolfe
DOVER—Baty, John
Cate, J. W. & Co.
Kennedy, Jas. H. (Slate & Gravel)
Littlefield, Frary & Co., Wash'n st
Snow, Geo. W. (Tar & Gravel), 4th st
ENFIELD—Fogg, Fred A.
EPPING—Ladd, John S.
EXETER—Young, Augustus
FARMINGTON—Thayer, W. F.
FRANKLIN FALLS—Cherrier, Louis J.
Judkins & Wallace
HAMPTON—Collum, Geo.
HANOVER—Brown, Chas. D. & Co.
Ford, E. T.
HAVERHILL—Facey, E. J.
HENNIKER—Connelly, Edw.
Hale, F. W.
HILLSBORO BRIDGE—Newman, W. E.
HINSDALE—Taylor, H. W.
HOLLIS—Kimball, S. E.
KEENE—Kirk Sewall
Pearson Bros.
LACONIA—Huse, W. D. & Sons
McNamara, Thos. W.
Smith, Jas. S. & Co.
LAKEPORT—Brawn, W. H.
Dame, C. C.
LANCASTER—Moore, L. F. (Est. of),
LEBANON—Brown, H. H.
Hildreth, C. M. & Son
LISBON—Little, Frank W.
LITTLETON—Flanders, G. L. & Co.
Lynch & Richardson
White, R. P.
MANCHESTER—Blood, F. W. Roofing Co. (Slate & Metal)
Briggs, Thos. J.
Darrah, W. E. (Slate & Gravel)
Hovey, A. C.
Knoettner, Geo. & Co.
Landers, Robt.
Lawson, H. J. (Slate & Metal)
Manseay, Jos. T.
Moreau, J. J. (Slate, Metal & Gravel)
Noyes, Fred L.
O'Brien, Martin
Pike & Heald Co. (Slate & Metal)
MARLBRO—Harlow, Edw.
MEREDITH—Pynn, Gilbert
MILFORD—Powers, Geo. A.
MILTON MILLS—Murray, Dan'l
NASHUA—Avery, C. H. Co.
Clarke, E. W. (Slate & Metal), 12 Tyler
Jackman, C. B. & Son, 24 Cross
McDonald, H. R., 47 Factory
Sanders, Jas. A. (Gravel, etc.), 7 Union
Tardif & Bellavance (Gravel), 106 Tolles
Voter, C. A. & Co., 4 W Hollis
Woodbury, A. K. & Co. (Felt, Comp. & Gravel), 42 Arlington
NEW MARKET—Griffin, Jno. H.
NORTH HAMPTON—Philbrick, C. W.
PENACOOK—Baty, Isaac
Bean, W. A.
Quimby, Wm. B.
PETERBORO—Fish, A. E.
Nichols Bros.
Parkhurst Bros.
PITTSFIELD—Foss & Osgood
PORTSMOUTH — Marden, J. W. (Tar & Gravel)
Paul, Willard E.
Sweetser, John P.
Wells, A. N.
Wood, F. L.
ROCHESTER—Bailey, C. M.
Judkins, C. E.
SANBORNVILLE—Haynes, J. M.
SOMERSWORTH—Hodson, Dan.
Ledoux, Francis
Murray, Jas. W.
Murray, John J.
TILTON—Greenwood & Crockett
Smith & Smith
WALPOLE—Morse, Chas. W.
WARNER—Adams, Jno. F.
WEST DERBY—Jenkins, L. B. & Co.
WEST STEWARTSON—Quimby, Chas. M.
WOODSVILLE—Lowe, J. R. (Slate)
Mulliken, A. F. & Son

NEW JERSEY.

ALLENTOWN—Roher, W. H.
ARLINGTON—Breodel & Metzger, 491 Elm
Whitefield, Thos. G. (Slate & Felt), 578 Chestnut
ASBURY PARK—Burke, P. L., 405 Bond
Day & Bennett, 715 Munroe av
Gravatt, R. T. 150 Main
Hutchinson, Addison, 632 Mattison av
Ryno, John (Slate)
Seamon, Joseph L. (Slate), 2d av n R. R.
Taylor, Andrew, 25 S Main
Van Cleaf, E. C., 209 Bond
Whittle & Gibson (Slate & Felt)
Woodworth & Co.
ATLANTIC CITY—Alden, Eugene L.
Atlantic City Cornice Works
Currie Co.
Frey, Jacob J.
Holmes, E. R.
Horan, Michael J. (Slate)
Leeds, A. P., 2208 Arctic av
McDevitt Bros. & Co.
McDevitt, Thos. D. & Co.
Stevens, B. L.
Sykes, Jno.
Taylor, S. C.
Wooton, A. E., 19 N Texas av
ATLANTIC HIGHLANDS—Leonard, W. W.
Samuel & Bills
BARNEGAT—Mitchell, Lewis E.
BAYONNE—Devaney, J. J. (Slate & Metal), 297 Av D
Devlin, Wm. C., 209 Av D
Gill, Andrew T.
Hovell, John W.
Oliver, W. C., 10 W 7th
O'Neill, W. M. & E. S., 459 Av D
BELLEVILLE—Jacobson, Wm. H. & Co.
BELMAR—Crowther, Wm. B., Jr.
Haberstick, Samuel
Reichey, Wm. W.
Williams, T. H.
BELVIDERE—Perry, D. & Sons
Widemer Bros.
BERLIN—Buri, Henry
BERNARDSVILLE—Bromfield, W. R.
Buist, David
Davis, H. J.
Griffith, Charles H.
BEVERLY—Cramer, Chas.
Craythorn, Isaac T.
BLOOMFIELD—Ackerman, Edgar D., 316 Glenwood av
BLOOMSBURY—Kremer, Geo. B.
BOONTON—Estler, C. E.
Kopp's, J. I. Sons
BORDENTOWN—Enright, Jas. & Co.
Kafer, A. A.
Kafer, Lewis J.
Moyer, Saml. H.
BOUND BROOK—Gillespie, S.
BRIDGETON—Anderson, Martin Co.
Custer & Richards
Harper, Geo. W.
BURLINGTON—Buck, Isaac W.
Fasick, F. M.
Fireng, Franklin G.
Jobes, George W.
BUTLER—Harmon, John
CAMDEN—Allen, W. H., 8 Market
Austermuhl, E., 526 Market
Austermuhl, Geo. (Metal), 23 N 3d
Badger, Wm. B., 206 Bridge av
Barnett, Jno. M., 516 S 5th
Brewin, Wm. P., 2716 Sherman
Camden Cornice Co., 2d & Federal
Childrey, T. D., 410 Pine
Cole, Chas. A. (Slag), 127 Main
Dean, David, 612 Roberts
Dobbins, Oscar C. (Gravel, Comp. & Slate), 29 Market
Doughten, Wm. H., 310 Pine
Duncan, W. P., 3d & Main
Farrell, Danl., 106 N Front
Fay Manilla Roofing Co., 516 Point
Forrest, Jos. J., Jr., 604 Pine
Hunsinger, Wm. E., 1119 Newton av
Johnson, John W. (Slate, Comp. & Gravel), 408 Haddon av
Klostermann Bros. Co. (Slate & Metal), 1016 B'way
Krause, Wm. & Son (Slag), 111 Market
Lounsberry, Harry C., 539 Arch
McDonald, Owen, 1642 Ferry av
McElree, Jas., 530 Kaighn av
McFerren, Geo. W., 35 N 4th
McManus, Mitchell, 510 N 5th
Metallic Mfg. Co., 232 Spruce
Milby, Jesse B., 3214 Federal
Moore Bros., 429 B'way
Neutze, Jacob, 510 S 5th
Reihmann, Max F., 1000 N 26th
Schrack, Welling G., 513 Federal
Selsor, Ridgway A., 1114 Locust
Shinn, Millard F., 412 Elm
Sigle, C. R., cor 24th & Federal
Sinclair, Andrew, 1108 Baring
Smith, A. J. (Slate & Metal), 2631 Westfield av
Spaeth, G. F., 512 Chestnut
Stewart, Geo. W. & Co. (Magnesia Flexible Cement), 553 Spruce
Thorne, Joel E., 531 Line
Vandersdlice, Thos. A., 523 Federal
Welsh, Geo. W., 828 S 8th
Whitaker, Jno. B., 562 Wash'n
Whitehead, Caleb S. (Slate, Comp. & Gravel), c 4th & Bridge av
CAPE MAY—Benckett, M. C. & Sons
Curtis, B. S.
Swain, Charles A.
Wilson, J. R. & Son
CARTERET—Spitz, Otto
CEDARVILLE—Danzenbaker, J. L.
CHATHAM—Broadwell, M. C. (Slate, etc.)
Hall, E. A. (Slate, etc.)
Hynes, Julia M. (Slate & Comp.)
CLINTON—Butler, W. C.
COLLINGSWOOD—Albertson, Chas. R.
CRANFORD—Doyle, John
DOVER—Bennett, S. R.
Searing, W. W. (Slate)
Swackhammer, P. W.
EAST ORANGE—Blair, Saml. J. (Slate), 27 Ashland av
Cahill & Mills, 10 Washington pl
Harrison & Walker, 341 Main
Lang, Francis, 378 Main
Miller, F. W., Prospect pl n Brick Church
Mooney Bros., 324 Main
Van Duyne, Ellsworth (Slate), 109 Dodd

EGG HARBOR CITY—Hofmann, V. P.
Woerner, Albert
ELIZABETH—Brucklacher Bros., 1165 Elizabeth av
Conrad, John F.
Elizabeth Cornice Works, c Union & Union pl
Faulks, Jas. H. & Co., 1151 E Jersey
Hagerty, E. F., Heald & Davis
Hoffman, L. A. & Son, 252 N Broad
Lounsbury, Chas. B., 278 Morris av
Miller, C. Stanley, 120 1st
Rath, Henry A. & Co., 1217 E Broad
Slater, J. J. (Slate & Metal), 1223 E Broad
Smith, John J., 12 S Broad
Walker, W. J.
Walsh, Wm. A., Jr.
ELMER—Barber, L. R.
Wentzell, Geo. A.
ENGLEWOOD—Dubois, Chas. L.
Hickey & Baker
FLEMINGTON—Kline, Jas. A.
Weiler, Charles V.
FRANKLIN—(See Nutley)
FREEHOLD—Denise & Buck
De Roche's, Jno. L. Son (Slate)
White, Alonzo
GLOUCESTER CITY—Batten, L. C.
GUTTENBURG—Greenthaler, Frank, 34 Bergenline av
Weeber, Gottlob, Bull's Ferry rd
HACKENSACK—McGrath, Danl.
Pfigenmaier, John F.
Van Orden, C.
Weidermann, Edw.
HACKETTSTOWN—Christian, Jay S.
Osmun, E. M. & Son
HADDONFIELD—Bennett & Dreyer
Eisele & Manning
Pettibone, W. H.
HAMBURG—Linn, Jno., Jr.
HAMMONTON—Baker, Wm.
HARDINGVILLE—Bryce, Samuel W.
HARRISON—(See Newark)
HIGHTSTOWN—Phillips, C. C.
Skillman, A. T. (Gravel & Iron)
Thomas, Jas. A. (Gravel, Metal, Asphalt &
HOBOKEN—Hansen, Arnold C., 152 4th
Kennedy's, John Sons, 315 Newark
McCabe, Chas. (Slate & Metal), 108 6th
Mohn, Chas. A., 156 7th
Neumerkel, Max, 158 4th
HOPE—Bryan, C. E.
IRVINGTON—Boerger, Ernest
Paulus & Heyl
JAMESBURG—Jennings, Frank (Slate)
JERSEY CITY—American Asphalt Roofing Co., 65 Pollock
Anderson Bros. Co., 394 Grove
Andre, W. & Son, 120 Franklin
Babst, David, 48 Franklin
Bowerbank, Jno. W., 24 Germania
Cole, W. R., 596 Ocean av
Commonwealth Roofing Co. (Comp.), 19th & Grove
Driscoll, Jas., 527 Grove
Dupont, Geo., 41 Greene
EASTERN GRANITE ROOFING CO., 209 Provost. (See adv. index, page 1200)
Ebert, Gustav H., 100 Monticello
Hauser's, F. Sons, 207 Newark av
Henningsen, Hy. (Slate, Tile & Metal), 154 Sip av
Johnson, Chas. A., 90 Montgomery
Johnson, Silas D.
Kenny, Michael, 133 Bright
Leake, Thos. W. Co., 236 Monticello av
McCallum, Wm. C., 200 4th
Marschner, Richard, 219 Pine
Mulhearn, John, 416 Grand
National Sheet Metal Roofing Co. (Slate, Gravel & Metal), 339 Grand
N. Y. Iron Roofing & Corrugating Co., Washington & 1st
Pfister, Fred, 105 Lincoln
Reinemann, C. H., 439 Palisade av
Ringle, Jacob & Son (Slate, Tile & Metal), 83 Newark av
Roes, Fredk., 176 1st
Schoch, Charles, 266 Old Bergen rd
Schreck & Waelty, 27 Hague
Schwartz, Paul, 339 Henderson
Sethmann, Herman, 234 Monticello av
Sproul, Jos. A., 339 Montgomery
Wimmer, Jacob, 165 New York av
KEARNEY—(See Arlington)
KEYPORT—Force & Wyckoff
LAKEWOOD—**ARING, JNO. H. (Slate, etc.)**
Davidson. J. F.
Stephenson, J. F.
Storms, W. E., Jr.
LAMBERTVILLE—Hunt, G. V. (Slate & Tin), 47 Bridge
Wilson, A. Carmon
LONG BRANCH—Barham, Jas.
Bazley & Burns
Clark, Jno., Jr.
Northam & Throckmorton
Smock, Howard
Warwick, Wm. R., Jr. (Slate & Metal)
MADISON—Allen, Geo. A. (Slate)
Burnet, Jas. E.
Cook, E. L. (Slate, etc.)
Would Bros.
MANASQUAN—Chapman, John H.
Marks, Robt. A.
MATAWAN—Fountaine, Wm. A.
Geran, O. T.
MEDFORD—Cooper, William B.
MERCHANTVILLE—Fisher, Geo. A.
Miles, Wm.
MILLBURN—Bailey, F. S.
Douglass, Thomas A.
MILLVILLE—Brandriff, A., Jr.
Gray, H. A.
MONTCLAIR—Crane, I. Seymour
Harkins, D. F.
Heller, P. J.
Neilson, Gustave E.
MOORESTOWN—Measy, F. A.
Worrell, E. C.
MORRISTOWN—Byram, W. G.
Carroll & Son
Kay, Wm. J. (Slate & Metal)
Mesler, Wm. H. Co.
Searing, Theo. F.
Tompkins, L. B.
Tompkins & Welsh
MOUNT HOLLY—Brannan, W. J.
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NEWTON—Blanchard & Umphred
NUTLEY—Faith, E. E.
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ORANGE—Beck, Wm. F., 22 N Centre
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Garrabrant, C. & Sons, 19 Stetson
Hindle & Williams, 295 Main
Hoffman, Adolph, 40 McChesney
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Milne & Platt, 143 Main
PASSAIC—Brook, Wm.
Falstrom & Tonquist Co.
Hubinger, Chas.
Karl Bros.
Passaic & Rutherford Slating Co.
Reimig & Geiger
Tornquist Co.
PATERSON—Baird, Jno. (Slate, Tile & Metal), 79 Mill
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Roberts, Seth
PEMBERTON—Wells & Jones
PENNSGROVE—Dolbow, Jacob K.
PERTH AMBOY—Hanson, J. S.
Kelly & McAliden
Larkin, F. J.
Perth Amboy Plumbing, Tinning & Heating Co.
Seel, Chas. (Slate)
PHILLIPSBURG—Baty, Philip
Folk, J. H.
Harmes Bros.
Hub, Henry (Slate)
Lichtenthaler, S. H.
PLAINFIELD—Carney Bros., 33 Lincoln pl, N P
Graves, Chas. F., 821 S 2d
Griffin, A. M., 119 E Front
Littell, D. W., 112 North av
Maier, Alex. G.
Raybert, Chas. M., 183 North av
POMPTON—Florence, J. H.
Roome, Chas. P.
PRINCETON—Margerum, H. W.
Mulvey & Fox
Ross, Samuel M.
Stryker, A. Y.
Worrell, Shinn & Co.
RAHWAY—Cloke, W. H., Milton av
Marsh, Jno. J., 137 Main
Tice, C. H.
Tombs & Rourke, 28 Main
RARITAN—Wyckoff, Jas. C. (General)
RED BANK—Fitzgibbon, Jas.
Patterson, Jas. C.
Sabbath & White
Sutton, Jno.
RIDGEWOOD—Banta-Owens Plbg. Co.
Christopher, Jas. H.
Duffy, Jos. M.
Moore, W. H.
Morgan, Wm. P.
RIVERSIDE—Orfe, G. J.
RIVERTON—Lynch, Wm. B.
Worrell, Harry C. (Slate & Metal)
ROCKAWAY—Rockaway Hardware & Stove Co.
RUTHERFORD—Black, Wm. & Co.
Clark & DeGroot
Evans, Geo.
Tallman, S. C.
SALEM—Casper, Chas. W.
Guest, C. B.
Righter, J. C.
SCOTCH PLAINS—Jahn's, Robt. Sons
SOMERVILLE—Moosbrugger, Herman
Mundy, T. C.
Sargeant Bros. (Slate)
Southwick, R. J.
SOUTH AMBOY—Carberry, Jas.
Hunt, Douglas
James, V. N.
Lovely, Thos.
SOUTH ORANGE—Kitchell, J. L. & Son
SUMMIT—Hahn, Wm. (Slate & Gravel)
Klocksin, Henry
Thomson, A.
SWEDESBOROUGH—Reed & Rieger
TOMS RIVER—Brandt, Amos A.
Roberts, Thos.
Van Nostrand, E. S.
TOWN OF UNION—(See Weehawken)

TRENTON—Behre, F. L., 250 Hamilton av
Bennett, Jos. G., 216 S Warren
Doerfler, Geo.
Farrell Bros., 109 E Hanover
Fell, H. R. (Slate & Gravel), 611 Broad
Mendham, Robt.
Philkill, Mahlon, 211 N Broad
Purvis, G. H., 319 S Warren
Rogers, Jos. L.
Skirm, A. A. & Son, Broad & Perry
Smith, G. E., 360 S Broad
Street, S. F., 2 Hampton
Tuesday, F. S., 329 Liberty
Voorhees, Geo. D., 181 Pennington av
Warner J., 560 N Clinton
White, Wm. H., 112 N Broad
VAILSBURG—Cameron, Jas. M.
VINELAND—Bagg, Austin & Turner
Read, Jno. H.
WASHINGTON—Flint & Hall
Hornbaker & Bowers
Johnston, Jas. H.
WEEHAWKEN—Holtje Bros.
Knack, A. & Son
Menegaux, Louis A.
Riemenschneider, R.
Schlehner, Gottlieb
Schneider, F. & Son
Steinhoff, H. C.
WESTFIELD—Ferris, Mahlon H.
Miller, Jno. L.
Taylor, Harry N.
WEST HOBOKEN—Gutschmidt, Wm. H., 810 John
Poeschel, Osmar
Sutter, Louis, Clinton av & Courtland
WEST NEW YORK—Fuhrman, Jno. B.
Merkel, Sylvester
WOODBRIDGE—Bartholomew, R. H.
Humphrey, Robt.
Moore's, E. F. Sons
WOODBURY—Myers, Frederick V., Jr.
WOODSTOWN—Lippincott & Hunt

NEW MEXICO.

ALBUQUERQUE—Albuquerque Hardware Co.
Post, E. J. & Co.
LAS VEGAS—Gebring, F. J.
Patty, S.
Vogt & Lewis
RATON—Hobbs, A. L.
Murphy, Thos. F.

NEW YORK.

ADDISON—Lain, E. R. (Mfrs.)
ALBANY—Ackroyd, James & Sons (Comp., Slate, Metal & Tile), 10 James
Albany Material & Construction Co. (General), Tweddie bldg
Britt, John J., 142 Central av
Cameron-Hawn Realty Co., 608 Central av
Davenport, S. J. & Co. (Comp.), Tweddle bldg
Delehanty's, M. Son, 26 Green
Dugan, Jno. E., 4 Monroe
Dunn, Thos. E., 335 Central av
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Enselein, Chas. H., 15 Delaware Terr
Fitzgerald, Jno. L., 22 Beaver
Frantz, Jos., 109 Beaver
Gersbach & Schafer, 17 Central av
Gillan, Hugh, Jr., 298 Sheridan av
Goetz, Edward (Slate & Metal), 211 S Pearl
Gorman, Edw., 280 South Pearl
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ALBION—Waterman, G. M.
ALDEN—Patrell, H. P.
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ALFRED—Cottrell, A. B.
ALTAMONT—Manchester & Co.
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AMSTERDAM—De Graff, I. J.
Jones, B. F. (Slate)
Larabee, J. E., 5 Market
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ANGELICA—Horner, S. G.
ATTICA—Ballsmith & Pilgrim
Tolles, Edw. D.
AUBURN—Armstrong, Geo. H. (Slate & Granite), 6 Market
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BABYLON—Dollard, F. & Jno. B.
Field, M. H.
Ketcham, W. P.
Ohlmiller, Sebastian
BAINBRIDGE—Barlow & Clark
BAITING HOLLOW—Warner, Chas. H.
BALDWIN—Wortman, J. H. & Son
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Wilson, Geo. W.
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Thomas & Mooney
Tracy Bros.
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Russell & Palmer
BATH—Brownell Co.
Gould & Nowien
Peck, G. W. Co.
Sutherland, Washington
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Udall, Mrs. M. E.
Vail, C. W.
BELMONT—Newton, E. A.
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BERLIN—Lewis, W. H. & Son
BETHEL—Gabriel, Geo. D., Jr.
Sutter, Wm. E.
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BREWSTER—Avery, Silas O.
Smith, W. E.
BRIDGEHAMPTON—Sanford, J. A. & Son
BRIDGEPORT—Draper, Horace V.
BROCKPORT—Brennan & Adams
Hinman & Fowler
Van Eps, W. B.
BROCTON—Whipple, F. B.
BROOKFIELD—Stillman, J. T. & Son
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Armbrust's, Jno. Sons, 789 Genesee
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Fisher, Martin, 75 W Chippewa
Fix, Chas. J., 808 Main
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CAMBRIDGE—Maxwell, Gilbert
Watkins, Robt. H.
CAMPBELL HALL—Howell, Chas. B.
CANAJOHARIE—Scharff, Chas. W.
CANANDAIGUA—Cooley, A. E. & Co.
Kelly, Jno. H.
Lisk Mfg. Co.
CANASTOTA—Bemiss & Co.
CANISTEO—Hannigan, Mason & Co.
Laine, Orton O.
CANTON—Howe Bros.
Jamieson Bros.
Tallman & Howe
CARTHAGE—Arnot, Wm.
Chaufty, R. & R. C.
Strickland, J. E. & Son
CASTILE—Cole & Andrus
CASTLETON—Wood, W. W.
CATSKILL—Adams & Spencer
Conklin, Chas.
Day & Holt
Jones, H. T. & Son
CATTARAUGUS—Jewell, J. H. & Sons
CEDARHURST—Haller, Paul
CENTER MORICHIES—Robinson, Geo.
CENTRAL BRIDGE—Wessell, John W.
CHAPPAQUA—Tompkins, Amos (Est. of)
CHARLOTTE—Hamlin, Wm.
CHARLTON—Smith, Norman & Son

CHATHAM—Hawley, C.
Welch, J. F.
CHAUMONT—George Bros.
CHERRY VALLEY—Bierman, Richard
Fox & Brien (Slate)
CHESTER—Conklin, F. L.
Thompson, J. T.
CHESTERTOWN—Vetter, Fredk.
CHITTENANGO—Gay, H. L.
CHURCHVILLE—Thompson, Henry H.
CLIFTON SPRINGS—Judd & Leland Mfg. Co. (Tinware Mfrs.)
CLINTON—Allen, H. J.
Clark, Jas.
CLYDE—Bliss & Compson
CLYMER—Gallup & Hazen
COBLESKILL—Stilson, A. G. & Son (Slate & Metal
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Murray, Mrs. M. A. & Son
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COOPERSTOWN—McEwan, Wm. L.
Morris, Geo. W.
COPENHAGEN—McCuen, R. G.
CORFU—Palmer, C. O.
CORNING—Corning Mfg. Co. (Slate & Metal)
Hammond, H. L.
Stewart & Pearsall
Williams, A. F.
CORNWALL LANDING—Mead & Taft
CORNWALL ON THE HUDSON—Wood, Thos. J.
CORTLAND—Bates, Theo. T.
Bennett, W. W.
Buck & Lane
Hollister Hdw. & Plumbing Co.
Lewis, L. R.
COWLESVILLE—Munger, F. W.
COXSACKIE—Church, W. R.
CROGHAN—Tanzer, Chas. L.
CROWN POINT—Huestis, F. E.
CUBA—Gee, C. A.
Olive, Jas. G.
Sisson & Smalley
CUTCHOGUE—Arthur & Tuthill
DANSVILLE—Bailey, J. J. & Son
DELHI—Graham, H. S.
Sears, M. D.
DEPOSIT—Deposit Hdw. Co.
Minor, A. P. & Son
DE RUYTER—Mitchell, H. P.
Walker, H. S.
DESPATCH—Cross, Geo.
DICKINSON CENTER—Boyington, L. H.
DOBB'S FERRY—Ackerman, J. M. (Slate)
Brown, Charles E.
Hammill, M. (Est. of)
Siess, A. C.
DOLGEVILLE—Faville, W. H.
DRYDEN—Bartholomew, D. P.
DUNDEE—Beekman, Cleary & Van Lew
Bigelow, C. J. & Co.
DUNKIRK—Allenbrand Hardware Co.
Alling & Fields
Bloss, Clark Co.
Griswold, D. H.
EAST HAMPTON—Grimshaw, S. C.
Northrup, O. H.
EAST RANDOLPH—Johnson, B. R.
ELLENVILLE—Hartwig, O. H. & Co.
Rose & Childs
ELLICOTTVILLE—Doolittle, J. E.
ELMIRA—Barker, Rose & Clinton Co., 109 Lake
Gridley, G. A. & Son
Griswold, Maloney & Co., 323 E Water
Hurth, A.
Kelley, Danl. J.
Losie Bros. (Slate, Tile & Gravel), 305 Market
Plowman Hdw. Store
Young, Charles W., 114 Lake
ESPERANCE—Miers, Milton
EVANS MILLS—Hungerford, E. O.
EVERGREEN—(See New York City, Borough of Queens)
FAIRPORT—Brydges, H. H.
Dunbar, Julia G.
Schummers, F. F.
FAR ROCKAWAY—(See New York City, Borough of Queens)
FALCONER—Asker, Leonard
FAYETTEVILLE—Creamer, H. C.
Mott Bros.
FISHKILL ON THE HUDSON—Griffin & Howe
Rogers, W. H.
FLUSHING—(See New York City, Borough of Queens)
FT. ANN—Lewis, E. A.
FT. EDWARD—Bowtell, C. W.
Newton & Hill
FT. PLAIN—Linney, Wm. T.
Stewart & Bergen Co. (Slate)
Williams & Tanner Co.
FRANKLINVILLE—Robeson, J. E.
Salisbury & Son
FREDONIA—Case & Zahm
Gould, Frank J.
Scott, F. W.
FREEPORT—Wright, J. P.
FULTON—Johnston, Geo. (Steel), 90 Glen
Snow, A. J
White, Jno.
FULTONVILLE—Brabe, Richard A.
GARDINER—Miller, W. O.
GENESEO—Stevens & Wallace (Gravel & Asphalt)
Sunderlin, H. H.
GENEVA—Dorchester & Rose (Slate & Metal)
Phillips, Amos H. & Son
Wilson, Wm.
GLEN COVE—Crandall, Fred. A. (Slate, etc.)
Seaman, S. J. (Slate)
GLENDALE—(See New York City, Borough of Queens)
GLENS FALLS—Adams, G. E. & Co., 145 Glen
Alexander, Geo. M.
Delong's, Sons, 120 Glen
Pardo & Hogan
Thomas, H. & Son, 81 Glen
Whipple & Robinson, 134 Glen
GLOVERSVILLE—Bailey, W. F.
Batcheller, E. S. & Co.
Bramer, John L.
Graff, Isaac D.
Hanson, Abram
Hanson, Andrew
Peek & Cooper
Shinviile, H. G.
GOSHEN—Goshen Hdw. Co.
Kniffen & Hopkins
GOUVERNEUR—Bowne, C. H. & Co.
Cutting & Perrin (Felt & Tin)
Williams, D. H.
GOWANDA—Kammerer, Jno.
Slaght, E. T.
Stafford, A. C.
GRANVILLE—Henry, Geo. W.
Nelson, D. D. & Co.
Sullivan, P. J.
GREAT NECK—Best, Geo. & Son
GREEN ISLAND—(See Troy)
GREENE—Beals. F. H.
GREENPORT—Brown, O. F.
Corwin, Aug.
Geehreng, John
Walters, F. L.
GREENWICH—Parker & Cleveland
GREENWOOD—Shaw & Plaisted
GRIFFIN CORNERS—Angle, Edgar F.
Todd, A. H.
HAMBURG—Fish & Kronenberg
HAMMONDSPORT—Warren, G. F.
HANCOCK—Schenk, Reinhold
Wheeler, Saml. N. & Sons
HARRISVILLE—Crandall, H. D.
HARTFORD—Palmer, J. & Son
HARTWICK—Porter, V. C. & Co.
HASTINGS-UPON-HUDSON—Fallon, Martin A.
HAVERSTRAW—Bedell Bros. (Slate)
Demarest, Ira
Springsteen, Daniel
Tremper, Jas. E.
HEMPSTEAD—Carman, Theo. A. (Metal), 74 Main
Gaffney Patrick R., Jr., 13 Greenwich
Kelly, M. & Son, 98 Main
Nichols, W. T.
HENDERSON—Thompson, Payson F.
HERKIMER—Metzger, Wm. F.
Palmer, C. W. & Co.
HEUVELTON—Popple, Geo. N.
HICKSVILLE—De St. Leger, J.
Quaritius, John
HIGHLAND—Feeter, J. W. (Slate & Metal)
HILLSDALE—Holmes, H. A.
HILTON—Taber, Edson
HOBART—Carroll, A. S.
HOLLEY—Edwards, Ira
Payne & Trimble
HOMER—Williams, F. E.
HONEOYE—Knapp, R. H.
HONEOYE FALLS—Pride, Jas. M. & Son
Tripp, H. A.
HOLLIS—(See New York City, Borough of Queens)
HOOSICK FALLS—Abel & Brown
Dorr, Chas. M.
HORNELLSVILLE—McGuire, C. F.
Roberts, Wallace
Rose, J. R. & Son
Shaut, M. J.
HORSEHEADS—Hibbard, Thos.
Rockwell & Hammond
HUDSON—Benedict, Russel B. & Son
Davis, E. H., 11 N 6th
Macy & Redlinghouse, 612 Warren
Rogerson, Jas. C. & Co.
HUNTER—Lake, S. J.
HUNTINGTON—Hendrickson, A. P.
Jones, R. H.
Stoyle, Wm. H.
HURLEYVILLE—Mitchell, Andrew
ILION—Fish, A. G.
Grimes & Pelton
IRVINGTON—Ackerman, Albert
Anderson, Jas.
Palmer, E. J.
ISLIP—Field, John B.
Lennon, Jos.
Williams, Wm. E.
ITHACA—Barr Bros.
Freeman, C. W. & Co.
Rumsey, C. J. & Co.
Stephens & Masters
JAMAICA—(See New York City, Borough of Queens)
JAMESTOWN—Clark Hdw. Co., 109 Main
Humphrey, R. H. (Slate, Steel & Iron), 708 E 2d
Jamestown Roofing Co. (Felt), 105 E 3d
Johnson, C. & Bro. (Comp.), 315 Lincoln
Lewis, P. F. & Sons, 707 Main
Rosencrantz, Elof & Co.
JOHNSTOWN—Lynes, Wesley
Randall, Frank
Rice, John C.
Van Nest & Goodwill
KATONAH—Kellogg & Mead
Tuttle, J. A. (Slate)
KEESEVILLE—Callahan Bros.
Samson, A.
KINGSTON—Bannon, L. F.
Canfield Supply Co., 16 E Strand
Carter's, Enoch Sons, 46 Hasbrouck av
Dobbs, Samuel (Slate), 20 Ann
Gallagher, Fredk., 12 N Front
Halloran, Danl., 57 E Strand
Thompson, Frank S., 43 N Front
WIEBER, HENRY E. (Slate, Metal, Iron, Copper & Tile). (See card below)

SLATE Roofing TILE
TIN, COPPER, or IRON.
HENRY E. WIEBER,
KINGSTON, N. Y.

LE ROY—Buell Hdw. Co.
Taft, Fred. L. B., 10 Main
LESTERSHIRE—Becker, C. D.
LIBERTY—Monroe, R. A.
Pierson Bros.
LINDENHURST—Ramsauer, Henry, Sr.
LITTLE FALLS—Gibbs, Geo. D.
Lamb, David T.
Nolan, Robt.
Wilcox, W. H.
LITTLE VALLEY—Sweetland, S. L. & Co.
LOCKPORT—Burtis, Arthur L., 30 Evans
Emerson, Clark, 37 Market
Higgs & Staples, 58 Main
Lambert Bros., 33 Locust
Moran, P. & Son, 32 Main
Stainthorpe, C. N. & Co., 126 Main
Walker, Wm. & Co., 6 Pine
Webber, Chas. W., 61 Main
LONG ISLAND CITY—(See New York City, Borough of Queens)
LOWVILLE—Fowler Bros.
Stoddard, M. A.
LUZERNE—Kinnear, Wm. J.
LYNBROOK—Waldron, John J.
LYONS—Hartman Bros.
Marshall & Noble
Matthes Bros. (Slate)
Nusbickel, Fredk.
MALONE—Fell, Edw. L.
Thompson, H. D. & Co.
Tulley, Jas. H.

MAMORONECK—Gedney, H. J.
Koffman, Henry
Leonard, Walter
MANNSVILLE—Huggins & Beebe
MARATHON—Myers, Chas. S.
Seamans Bros.
MARCELLUS—Mattison & Son
MARION—West, A. A.
MARLBORO—Hughes, T. H.
Purdy, Hanford
MASSENA—Hanes, W. J.
Hutchins, James
MATTEAWAN—Alsdorf, Leander
Rogers, D. C.
Yates, J. H. & Son
MATTITUCK—Wickham, J. W.
MAYVILLE—Albro, F. E.
Hutson, Thomas
Sixbey, H. & Sons
MECHANICSVILLE—Allen, Wm. H.
Baker, S. C.
Safford, J. S. & Son
MEDINA—Acer & Whedon
Hanlon Bros.
MEXICO—Norton, W. H.
MIDDLEBURG—Sullivan, F. A.
MIDDLE GRANVILLE—Rogers, A. N.
MIDDLEPORT—French, Edgar B.
Sherwood, A. G.
MIDDLETOWN—Brink & Clark, 28 North
Carson, Charles, 79 Montgomery
Conklin, James H., 9 Depot
Musbach, Cuno & Co. (Slate), 41 Sprague av
Swalm, Geo. A. & Son, 18 North
MIDDLEVILLE—Whiting, Jas. F. & Son
MILLBROOK—Merritt & Colville
Pizie, B. J.
MILLERTON—Paine, J. R. & Son
MILTON—Goehrenger, Wm. A.
MINEOLA—Schmidt, Edward
MOHAWK—Adams & Co.
Richardson, J. G.
MONROE—Knight, C. S.
Smith & Strebel
MONTGOMERY—Brown Bros.
Wade, A. N.
MONTICELLO—Langman, Jesse
Purdy & Demerest
Smith, Chas. E.
Tymeson, J. F.
MORAVIA—Small, F. & Sons
MT. KISCO—Gorman, D. F.
MT. MORRIS—Osborn, E. B.
Russell & Cully
MT. VERNON—Clark & Morrow, W 1st cor S 6th av
Downing, Hy. M.
Drake, R. V., 14 2S 4th av
Hodge Bros., 15 E 3d
Hoffman, Chas., 40 N Bon
Longstaff, Jno. (Slate), 119 N 4th av
Norden, Jacob, 48 Mt. Vernon
Rich, F. T. (Metal & Slate), 11 S 3d av
NAPLES—Bolles, John & Son
NARROWSBURG—Anderson, Jno. S.
NASSAU—Calkins, Chas. H.
NATURAL BRIDGE—Montondo, J. N.
NEWARK—Bobrowsky, Herman
NEW BERLIN—Halstead, H. J.
NEW BRIGHTON—(See New York City, Borough of Richmond)
NEWBURGH—Barnes, Geo. T., 64 Clark
Clark, Leander, Jr., & Son, 65 Chambers
Curtis, Lewis (Est. of), 307 Liberty
Fletcher, Henry, 135 B'way
Hastings, Jas., 162 B'way
King, Thos., 476 B'way
Masterson, Jno. J., 191 B'way
Mitchell, Geo. R., 73 2d
Pickens, A. H., 130 Water
Shannon & Co. (Slate, Tile & Metal), 107 Liberty
NEW PALTZ—Elting, Jno.
Hasbrouck & Weismiller
NEW ROCHELLE—Bell, W. T.
Hunt, Wallace
Kennedy, D. J.
McGovern & Kierschoff
Minnaugh, Jas.

NEW YORK CITY.

Borough of Brooklyn

BROOKLYN—Abendroth & Stein, 30 Clay
Ackermann, F. (Metal), 664 Driggs av
Ahearn, Dennis, 371 Columbia
Ahern, Andrew W., Cropsy, nr Bay 36th
Almond, Daniel, 18th av nr Benson av
Anderson, Jno., 202 Sackett
Arkwright, Chas., 125 Hart
Armellini, Antonio, 11 Withers
Auerbach, Albert, 51 N 6th
Autenrieth, Edmund, 31 Spencer pl
Baier, Frank, 143 Maujer
Bajohr, Paul, 634 6th av
Beck, Chas. & Co., 251 Nostrand av
Becker, Hery A., 419 Sumner av
Beer, Max F., 1622 B'way
Behr, Henry, 618 3d av
Bennett, Hy., 519 De Kalb av
Berlin, Max, 326 Osborn
Berman, Abraham, 69 Scholes
Bernius, Michael, 254 Humboldt
Bernstein, Harris, 29 Seigel
Biffi, Wm. T. (Comp.), 377 Prospect av
Biffi's Reliable Roofing (Comp.), 339 Flatbush av
Birmele, Geo., 48 Hamburg av
Blakeman, Aaron, W 3d, nr Sea Breeze av
Blakeman, Bernhard W., W 3d nr Sea Breeze av
Blecher, Simon, 108 Moore
Block, Morris, Sutter av, nr Osborn
Boegeman, Hy. F., 4303 3d av
Boehme, Otto C., 514 3d av
Boston Gravel Roofing Co. (Comp.), 368 Graham av
Boyd, Jas. J., Jr., 259 39th
Bozett, Paul S., 208 Flatbush av
Bradford, F. W., Bay 19th nr Bath av
Branagan, T. J., 448 Gates av
Branagan, Wm., 2001 Nostrand av
Brandt, Eugene, 305 Hamburg av
Breidenstein, C. J., 241 Graham
Brennan, Thos., 27 Howard av
Brother, Wm., 75 S Elliott pl
Bryant, Chas. H., 45 Milford
Buchanan's, A. Sons, 1587 Fulton
Buchwald, Reuben, 100 Scholes
Buell, C. S. (Comp.), 98 4th
Burger & Gohlke, 330 3d av
Burk, Andw., 10 Locust
Burling, Jos. A. (Comp.), 135 Suydam
Bushwick Roofing Co. (Comp.), 925 Grand
Butler Co. (Comp.), 84 Somers
Carolan, Jno., 571 Wash'n av
Carroll, Jas., 95 Tillary
Case & Terry, 2209 Church av
Cassidy, Jno., Bay 14th nr Bath av
Cattle, Julius, 495 Flushing av
Chadwick, Wm., 9 Marion
Chaffers, Jos., 925 Grand
Chapman, Chas. H., Jr., 39 Hull
Cippolone, Dominick, 371 Met av
Clark, Wm. F. Co., 315 4th av
Clarke, Alex., 248 Smith
Clayton, Saml. E., 95th & Av K
Clendenen, Abraham, 75 Fleet
Cleveland, E. I. & J. J., 1769 Fulton
Clifford, Neil, 296 Court
Cobucci, Frank, 26 Carroll
Cochran, Jas., 140 Schenectady av
Cohen, Abraham, 199 Reid
Cohen, Henry (Comp.), 311 Atlantic av
Comins & Evans (Comp.), 45 Waverly av
Commonwealth Roofing Co. (Comp., Gravel, Slag & Tile), 49 Greenpt av & 45 Waverley av
Conley, Wm. T., 177 7th av
Conlon, Francis J., 276 Court
Conrad, Louis, 43 Union av
Conroy, Jos. F., 5319 5th av
Cook, Geo. G., 65 Court
Cosgrove, Chas., 200 4th av
Cowley & Britt, 338 Flush. av
Craig & Brown, 254 15th
Craw, W. R. & Bro., 1449 Flush. av
Cullen, Jas., 93 Hamilton av
Curry, Jos., 256 Flatbush av
Dadson, Arthur, 4518 3d av
Daisley, David & Son, 35 De Kalb av
Danner, Jno. J. (Comp.), 73 Nelson
Dearing, Louis, 874 Myrtle av
Deboer, Hy. J., 52 Snyder av
Dehler, P. J., 1682 B'way
Delegro, John, 289 4th av
Demmerle, Frank, 361 S 4th
Dietrick, Fred (Comp.), 1044 Grand
Dobrow, Jacob, 426 3d av
Doran, P. J., 95th nr 4th av
Dunnigan, Jas. A., 478 Court
Edelstein, Henry, 547 Gates av
Edwards, Wm. T., 540 5th av
Ehrhardt, Fred'k J., 88 Morgan av
Eisenla, Jos. H., 578 Hamburg av
Elders, Sam'l & Son, 30 Tomp. av
Ennis, N. & Son, 229 Evergreen av
Ernst, Geo. W., 528 Central av
Esperson, Wm. E., 143 Clermont av
Farrell, Jos. M., 322 Driggs av
Fausel, Emil, 2804 Fulton
Fausel, Geo., 399 Knickerbocker av
Fein, Morris, 1820 Pitkin av
Feldman, B., 259 Sackman
Feldman, Simon, 26 Moore
Fershman, David, 220 Throop av
Fine, Morris, 200 Christopher av
Fields, Jno. J., 305 Sackett
Fitzpatrick, Jno. J., 7 Coffey
Flanagan, Joseph, 4th av & 88th
Flanagan, Thos. P., 4th av & 88th
Foos, Chas. & Son, 25 Stagg
Forster, A. & Son, 1207 Gates av
Fowler, Gilbert, 57 Wyona
Fox, Geo., 3d av nr Bay Ridge av
Frey, John E., 130 Cumberland
Friedman, A., 601 Myrtle av
Friedman, Henry, 1405 Myrtle av
Friedman, Ignatz, 419 S 4th
Friedman, Leon, 651 Bushwich av
Friedman, Saml., 25 Reid av
Friedman, S. M. Co., 1295 Myrtle av
Fuchs, Aug., 313 Central av
Fuchs, Louis, 1267 Gates av
Gallagher, Thos., 308 Franklin av
Gartenberg, Morris, 426 6th av
Gerhard, Thos., 107 Meserole
Gerhard, Thos., 246 Stagg
Gerrior, Peter J., 115 4th av
Gilbert, Thos. E., 14 Bedford av

GILMAN SNOW GUARD
103 Merrimac, Boston, Mass. (See adv. index, end of book)

Glas Wolf, 1165 Jefferson av
Glick, David, 847 Myrtle av
Goodenough, Thos. (Comp.), 294 Flushing av
Goldberg, Aaron, 34 Moore
Goodman, Adolph, 65 Havemeyer
Goodman, Barnet, 233 Bridge
Goodman, Herman, 205 Hamburg av
Gorlitz, Samuel, 64 Reid av
Gorman, Frank, 1506 Broadway
Gowanus Roofing Co., 289 4th av
Grafton & Son (Comp.), 371 Fulton
Greenblatt, Samuel, 366 Central av
Grossberg, Louis, 146 N 6th
Gunther, August, 193 N 6th
Guthy, Chas., 1902 Fulton
Guthy, Peter, 901 Herkimer
Haas, Jno. (Metal), 145 George
Hagemann, Gustav C., 106 Central av
Halpin, Jas, 936 De Kalb av
Hartmann, Aug. & Son, 2015 Fulton
Hartmann, Geo., 544 Nostrand av
Hartmann, Victor, 689 Flushing av
Hartstein, Morris, 1398 Myrtle av
Hatfield, Geo. E. (Felt, Gravel, Comp., Asphalt, Slag & Metal), 100 Keap
Hawxhurst, Edw. E., 948 Madison
Healy, H. E., 63 4th av
Heaney, Thos., 93 Hudson av
Heiser, Francis C., 650 Gates
Heller, Isaac, 117 Johnson av
Heller, Samuel, 1029 DeKalb av
Hemmer & Jocher, 19 Hale
Herrmann & Grace (Slate, Metal & Tile), Flatbush & 5th avs
Hershkowitz, Aaron 304 Bushwick av
Hickok, W. T., Liberty & Sheffield avs
Hillig, Edw., 16 Bremen
Hilzinger, A. J., 1854 Fulton
Himer, Alma C., 1132 Broadway
Hindley & Pendleton, 59 Greenpoint av
Hochschwender & Leitzgen, 734 Coney Island av
Hoellerer, Jos., 85 Union av
Hohs, Leopold, 861 Myrtle av
Holmes, Adam J., 405 5th av
Huckans, Jno., 317 7th av
Jacobs, Adolph E., 262 Hamilton av
Jacobson, Jacob, 110 Throop av
Jaffe, Harry, 173 Harrison av
Jarvis, Egbert, 537 Classon av
Jones & Sexton, 127 25th
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Katzmann Bros., 231 Ellery
Kaufman, I., 162 Boerum
Keller, August, 169 Suydam
Kelly, John, 83 Orange
Kendell, Meyer, 388 Rockaway av
Kennedy, Arthur, 62 Hudson av
Kentana, Louis, 4214 5th av
Ketels, V. C., 155 31st
Kiefer, Harry, 45 Snyder av
Kirch, Chas. & Son(Slate), 5 Love la
Kleinfield, M., 2576 Atlantic av
Knaup, Henry, 50 N 11th
Knickerbocker Roofing Co., 110 3d av
Koch, Franz, 924 Myrtle av
Koeppen, Helmuth, 190 G'point av
Kramer, Philip, 333 Graham av
Kratenstein, David, 122 Osborn
Kuhnbuch, Philip, 473 Flush av
Kuhnla, August, 10 Lorimer
Kuhnla, Ernst, 71 Hinsdale
Kurre, August, 284 5th av

Kurs, Jacob, 516 Myrtle av
Lambert, Paul F., 131 5th av
Lang, Henry, Sheepshead Bay rd nr Jerome
Lappine & Briody, 7806 3d av
Larson, B., 724 3d av
Lechner, Fred., 127 Troutman
Lefkowitz, Hyman, 731 Met. av
Leonard, Frank, 223 Franklin
Levens, Wm., 216 Miller av
Levine, Jno. K., 616 Fulton
Liebich, Geo., 613 Wash'n av
Loeber, Martin, 150 Court
Logan, Bernard J., 86 Ft. Greene pl
Lowis, J. R., 484 Glenmore av
Lucks, Samuel, 429 Broadway
Ludwig, Wm., 96 Richards
Lydecker, Peter J., 1540 B'way
Lyons, Jacob, 1646 Fulton
Lyons, Patrick, 105 Rutledge
Lyons & Co., 269 Court
McArdell, John W., 138 Jay
McCullagh, Wm. J., 287 18th
McEwen, John, 257 Hoyt
McFarlane, Geo., 458 De Kalb av
McKeon, John, 333 Van Buren
Magid, Louis, 382 Graham av
Maloney, Thomas, 136 Hamilton av
Marcus, Harry, 218 36th
Marshall, Oliver, 893 De Kalb av
Mayer, Ernest, 274 Central av
MEADE ROOFING & CORNICE CO. (Slate, Metal & Tile), 156 5th av
Meadon's, T. J. Sons, 51 Greenpoint av
Meeks, Jno., 371 Van Brunt
Meister, Simon, 346 Hamilton av
Menninger, Peter L., 45 Willoughby
Meyer, Louis, 168 McKibbin
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Mikkelsen, Jno., 342 17th
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Miller, Judah C., 472 Bergen
Mitchell, W. L., 145 Havemeyer
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Monaghan, Peter, 233 Columbia
Monat, Jacob, 394 Bushwick av
Moran, M. E., 161 York
Muller, E. A. & Bro., 687 4th av
Mullin, Thos., 278 Smith
Murray, Jas. E. (Comp.), 169 Lorimer
Musaus, John, 1316 57th
Nagele, Henry, 208 Bradford
Nesselowitz, Nathan & Bro., 181 Osborn
Nesvada, John, 111 Engert av
Neubeck, Jno. P., 163 Montrose av
Neuwirth, Henry B., 354 Wythe av
N. Y. Roofing Co. (Gravel), 49 Greenpoint av
Nielsen, Wm., 630 Humboldt
Noelsch, Jno., 120 McKibbin
Norris, Isaac & Son, 686 De Kalb av
Norris, Thos., 975 Gates av
Nussbaumer, Anton, 1454 Myrtle av
O'Brien, Daniel I., 508 3d av
O'Neill, Martin H., 427 Baltic
Oelkers, Jas. T., 345 Bedford av
Olches, Albert G., 57 Bergen
Oscher, Abraham, 356 Graham av
Ostergren, Saml. (Slate, etc.), 725 3d av
Otto, Jno. M., 46 Maujer
Palmer, Geo. B. (Comp.), 1010 De Kalb av
Penny, Jno. J., 181 Skillman av
Perez, Evaristo B., 38 Reid av
Peterson, Max, 201 Garfield pl
Peterson, Stephen W. (Metal), 694 Manhattan av
Phillips, Wm. P., 602 De Kalb av
Pinsler, Edw., 1607 Fulton
Pless, R. & Son, 188 Atlantic av
Polatschek, Isaac, 117 Meeker av
Ravitz, Geo., 107 Monroe
Rawle, Jno. F., 525 5th av
Ray, Daisley & Co., 61 Fulton
Reagan, Jere. (Comp.), 928 Bedford av
Reiner, Morris, 136 N 6th
Reinhardt, Otto, Ft. Hamilton av, nr Chester av
Rekate, Wm., 682 Evergreen av
Rihman, Louis, 1346 B'way
Ricker, Samuel, 526 Flushing av
Ringswald, Andrew, 154 Knickerbocker av
Robinson, A. S., 392 Sumner av
Roedelberger, Chris., 2736 Atlantic av
Roediger, Chas. A., 842 Gates av
Rosenberg, Samuel, 162 Ralph av
Rosenthal, R. & J. Weisinger, 66 Morrell
Rosenweig, Abraham, 4710 3d av
Roth, Nathan, 927 De Kalb av
Roth, Philip, 1108 Liberty av
Rueger, Chas. G., 293 Flatbush av
Ruggiero, Francesco, 137 Columbia
Ryan, Roger J., 201 Tillary
Sargoy, Samuel, 617 Classon av
Sargoy & Elkin, 224 Reid av
Schar, Paul, 2262 Church av
Schlusser, Geo., 175 Woodbine
Schmalheiser, Sam'l, 827 Park av
Schmidt, Geo., 641 Glenmore av
Schmidt, Wm., 13 Thames
Schnabel, Caspar (Slate & Metal), 1470 Myrtle av
Schneidman, Sam'l, 93 Throop av
Schnitzspan, Hy. V., 800 Wythe av
Schukal, Frederick R., 795 Myrtle av
Schwartz, Bernard, 378 Central av
Schwartz, Daniel, 92d, nr 4th av
Schwoerer & Co., 111 Stuyvt. av
Scully Bros., 457 Court
Seaman, Alonzo, 532 Herkimer
Seifert, Louis G., 982 Myrtle av
Seton, John, 78 Washington av
Shipman, Henry, 329 Franklin av
Shirer, J. S., 478 Clermont av
Shute, Elijah M. (Slate), 1003 Myrtle av
Siepermann, Fred'k, 124 Covert
Singer, Morris, 109 N 6th
Smith, Chas. W., 307 Sumner av
Smith, Wm. H. (Comp.), 2524 Atlantic av
Smukler, Abraham, 764 Gates av
Snelling, Venner, 806 Monroe
Sommers, E. H., 1014 Gates av
Spiegel, Paul, jr., 124 Forrest
Spitzer, Sigmund, W. 5th nr Seabreeze av
Springsteen, W. H. & Co., 427 E. N. Y. av
Stanton, Jas. J. (Gravel, etc.), 50 Franklin
Stander, Mary, 300 Bushwick av
Steffens, C. & Son, 176 Van Siclen av
Stegmeier, Geo., 348 Hamburg av
Stenger, Andrew (Comp.), 247 Melrose
Stern, Cheftel, 1686 Fulton
Stoecker, Julius, 834 Grand
Stoecker, Oscar, 873 Grand
Stohwasser, Anton, 40 Sumner av
Stone, Malcolm, 2037 Atlantic av
Stotz, Christ. W., 5th, nr Sheeepshead Bay rd
Studley & Ibbotson, 1 Reid av
Sullivan, Hugh, 158 Park av
Sutphin, Edwin J., 668 Manhattan av
Swan, R. & S. T., 336 Broadway
Sweeney, James (Comp.), 318 Park av
Swift, Wm. H., 98 Park av
Tanck, Edw., 34 Central av
Teubner, Paul, 102 Cooper
Thoma, Charles D., 398 Union
Thompson, T. J., 14th, nr Av X
Tisch, John, Conklin av nr Rky. av
Tolman, Chas., 8 Noll av
Traurig, Benj., 285 Central av
Traviss, F. B. (Comp.), 18 Sherman
Tunick, Samuel, 285 Myrtle av
Vanderhoof, Albert N. (Comp.), 1995 Fulton
Ventriere, Carmine, 205 Prospect
Vincent, J. & T., 406 Gates av
Voigt, Gustav, 410 Keap
Voorhees, Edw. F., 3845 Fulton
Wachter, Louis L., 1318 Myrtle av
Walker, Thos., 278 7th av
Wallabout Roofing Co. (Comp.), 295 Flush. av
Wallace, David, 123 Tillary
Wallace's, John Son, 123 Tillary
Wallrapp, Chas., 1612 85th
Walsh, James, 295 Atlantic av
Warner, R. H., 319 Sumpter
Watts, H. P., 378 Grand
Waxler, Anton, 637 Met. av
Weinstein, Abraham, 378 Atlantic av
Weiss, Adolph, 963 Myrtle av
Weiss, C. A., 232 Knickerbocker av
Weiss, Samuel, 660 Wythe av
Werbelowsky, David, 1402 B'way
White, Frank, 220 Leonard
White, Hugh, 958 3d av
Whitley, John (Comp.), 215 Fulton
Wieden, Julius H., 2183 Pitkin av
Wilhelm, Hugo, 198 5th av
Will, Chas. T., 268 Reid av
Will, Wm. C., 466 Sackett
Williams, John, 95 Cedar
Williamson, George, 225 De Kalb av
Wilson, George, 740 Leonard
Wilson, Wm. T., 698 Bergen
Windt, Christ., 60th, nr 11th av
Wittig, E. L., 655 Liberty av
Woods, N. J., 101 Fleet pl
Worner, Rich. H., 319 Sumpter
Wright, Edgar E., 1195 Degraw
Yerman, Hyman, 76 Humboldt
Zelt, Joseph, 582 6th av
Ziemer, Adolph, 101 Berry
Zimmerman, Louis E., 483 Humboldt
Zoeller, L. W., 73 Hamburg av
Zydnitsky, Jacob, 10 Tomp. av

Boroughs of Manhattan & Bronx

NEW YORK—Abbott's M. Sons, 137 8th av & 636 Columbus av
Abramson, Jacob, 450 Grand
Ach Simon, 204 E 58th
Ackerman, John W., 413 W 24th
Acme Roofing Co. (Comp.), 156 5th av
Aeolian Plastic Slate Roofing Co. (Comp. & Fire-Proof Plastic Slate), 163 W 23d
Albach, Theo., 210 E 119th
Altschu, Geo., 208 E 57th
Altholtz, Kalman, 85 Attorney
Ambus, M. & Son, 202 E 107th
Ament, Israel, 202 6th
Am. Roofing & Paint Co. (General), 79 Maiden la
Anderson & O'Brien, 512 W 48th
Andrew, Hy., 510 9th av
Architectural Metal Works, 1192 2d av
Aronowitz & Schwartz, 14 Catharine
Aronstamm & Newman, 217 3d av
Asphalt Ready Roofing Co. (Comp.), 136 Water
Bader, Geo., 501 W 36th
Barbig, Fernando, 900 3d av
Barney, Solomon, 470 Brook av
Baron, Louis, 446 W 41st
Barone, Ferdinand, 401 E 114th
Bauman, Jos. & Son, 59 E 4th
Baumann, Chas., 235 W 26th
Beattle, Andrew, 20 2d
Bechter, Max, 643 W 42d
Becker, John C. L. (Slate & Metal), 174 E 87th
Beer & Hess (Slate & Metal), 223 W 35th
Behringer, Emil, 45 Fulton
Berengarten, Samuel, 646 6th
Berg, Bernard, 100 Clinton
Bergen, Edw., 178 Van Buren, Van Nest pk
Berger, Keating, 196 W B'way
Berghofer, John (Comp.), 426 6th
Berglund, Charles & Son (Metal), 774 3d av
Bergmann, Louis, 716 Greenwich
Berkman, Abraham, 419 Cherry
Bersinger, Max, 406 6th
Bertinthal, Peter, 203 E 35th
Bickhardt, Andrew (Slate), Gun Hill rd c Lowmede pl
Blauvelt, Thomas A., 2618 3d av
Bloom, Louis, 99 Suffolk
Bloom, Percy, 59 Dey
Bloom, Kenipel & Lichner, 60 E 8th
Bloomer, John P., 11 E 10th
Blue & Queripel Co., 1834 Park av
Bluhm, L. J., 143 1st av
Boekemann, Florenz, 456 Pearl
Bois Sheet Metal Works, 50 Vestry
Bonas, Paul (Slate), 311 E 31st
Borkel, John (Metal), 42 E Houston
Bower, F. M. Co., 165 Chambers
Bradicich, Albert & Geo., 2 Goerck
Brandt, Fred. (Metal), 169 E 85th
Brandt, Wm. H. (Metal), 555 E 140th
Breivogel, George & Son (Slate & Metal), 46 Rose
Bremer, Adolph, 181 Av B
Brettler, Benj., 329 E 47th
Brown, Louis, 1685 3d av
Brown, Wesley A., 3191 3d av
Bulloss & Campbell, 58 W 21st
Burkhard, Peter, 391 Pearl
Burnell, Charles H. (Comp.), 804 9th av
Burnett, Wm. H. (Slate), 931 6th av
Burrows Metal Mfg. Co., 305 Pearl
Buse, Fred., 32 Old Slip
Butler, Pierce (Slate), 2 Ridge
Butler Co. (Comp.), 150 Nassau
Butler & Howard, 22 Burling sl
Buttner, Henry (Comp.), 2555 3d av
Calandrino, Girolamo, 339 E 11th
Callahan, Thos., 4024 3d av
Callan, Jno., 553 W 42d
Campbell, John, 522 8th av
Cary, Robt. F., 130 E 129th
Casmento Roofing Co. (Comp. & Plastic Slate), 160 5th av
Chappell, Wm., 86 Pike
Christiansen, Charles, 3 Coentis sl
Chupak, Barnett, 351 W 38th
Ciaffoni & Bro., 232 Bleecker
Clairmont Roofing Co., 209 E 78th
Cohen, Adolph, 883 6th av
Cohen, Harris, 18 Chrystie
Coleman & Krause, 257 W 33d
Collyer, John, 325 4th av
Comins & Evans (Comp.), 17 Battery pl
Commonwealth Roofing Co. ("Ehret's" Slag, "Warren's Anchor Brand," National Asphalt & Gravel, Brick & Tile Roofing), 17 Battery pl
Connolly, Thos. F., 102 7th av
Constructive Sheet Metal Works (Inc.), 852 11th av
Conti Bros. (Comp.), 163 W 23d
Cook, Thos. E., 109 3d av
Coot, John F. (Metal), 77 Greenwich av
Corcoran Bros., 941 6th av
Cumminskey, Chas. J., 223 E 32d
Cunnion, Jas. & Son (Slate, Metal, etc.), 60 & 110 Fulton

Curry, P. & Son, 374 W B'way
Davidson, Manuel, 325 E 92d
Davis Bros. (Slate), 515 Courtland av
Deegan, Edw. J., 4185 3d av
De George, Anthony, 305 W 67th
Deixler, Morris, 268 Broome
Dennerline, Peter, 178 E 119th
Detles, Aug., 217 E 42d
Dexheimer, Henry, 2297 8th av
Dexheimer, Matthews, 2478 8th av
Diamond, Jacob Son, 425 6th av
Diamond, Moses S., 409 4th av
Diamond, Saml., 902 8th av
Dickinson, Patk F., 587 Amsterdam av
Dietze, Oscar, 245 E 84th
Doctor, Emanuel, 410 E 66th
Doerr, Peter, 1985 Broadway
Donin, Morris, 1756 Lex. av
Donnelly, Henry, 457 W 33d
Doran, Edw., 476 Hudson
Drewitz, Erich, White Plains av c E 225th, Wmsbridge
Dreyer, Gustav, 511 Grand
Dugan, Philip A., 2410 1st av
Dumler, Emil H., 521 W 42d
Dunn, Lawrence J., 164 E 120th
Dusenbury, Wm. W., 9 Coenties sl
Dwyer, Timothy, 665 Cauldwell av
Eckert, Benj. C., 400 Bleecker
Eckert, Wm. D. & Son (Metal), 401 W 41st
Edelmann, Adolph, 114 Columbia
Eichele, John (Comp.), 437 W 41st
Eichenbaum, Morris, 97 3d
Eis, Samuel W., 1325 3d av
Eisner, Adolph, 202 E 104th
Elliott, Noble, 188 E 93d
Ellis, A. J. Co. (Slate & Metal & Composition), 522 W 37th
England, Richard & Son, 49 W 29th
Ennis, H. & J., 163 W 4th
Enoch, Joseph, 767 1st av
Eppinger's, Wm. Sons (Slate), 3615 3d av
Epstein, Harris, 143 Orchard
Essenwanger, Charles (Slate), 500 E 148th
Esswein, Jacob, 216 6th
Ettinger, Simon, 31 Hery
Euler, Hy., 83 4th av
Fall, Eben L., 303 W 117th
Farrell, Michael J., 100 E 12th
Farrington, Hiram A., 35 3d av
Fay, Jas. J., 446 W 19th
Feiner, Philip, 712 9th av
Feinstein, Robt., 154 9th av
Ferguson & Steinberg, 250 3d av
Field, Jacob, 2368 2d av
Finck, John, 1073 3d av
Fisch & Co., 43 1st
Fischer Bros., 1045 3d av
Fitzsimons, M., 47 Beekman
Fitzsimons, M. & Co. (Metal), 224 W 36th
Flanagan, Anne (Metal), 396 4th av
Flood, Eug. J., 682 6th av
Flynn, Jno., 593 E 143d
Frahn, Emil C., 381 Greenwich
Francis, Robt. J., 113 9th av
Frank & Bro., 97 6th av
Franken, Henry, 1023 1st
Frenz, O., 108 E 126th
Freyberg, Otto (Metal), 2308 2d av
Fried, Isidor, 35 John
Fries, John, 402 Broome
Frueh, Hy. L., Victor, Van Nest
Fuchs, Isidor, 412 E 86th
Fuchs, Sigmund, 338 Bleecker
Fuchslocker, Louis, 518 Water
Fuhrer, John, 450 Cherry
Furlong & Furlong (Felt, Cement, Gravel & Asphalt), 461 E 135th
Gabriel, G. & Sons, 16 Pike
Gallagher, Michael J., 26 Oak
Ganzfried, Jacob, 3025 3d av
Geary, Geo. N., 228 8th av
Gehnrich, Herman, 518 Water
Genasco Roofing Co. (Comp.), 114 Liberty
Gennerich, Hy., 505 Canal
Germania Roofing Co. (Comp., General), 26 Sullivan
Gerth, Wm., 1625 2d av
Gibbons, Jas. & Son, 412 West
Giegerich, Jno. M., 334 E 59th

GILMAN SNOW GUARD
103 Merrimac, Boston, Mass. (See adv. index, end of book)

Ginger, Wm., 218 W 37th
Ginsberg, Wm., 78 Bayard
Ginsburg, Wolf, 42 Allen
Giovanna, Geo., 139 W 25th
Glaser, Jos., 641 3d av
Gleason, Stephen (Slate), 62 Spring
Glines, Geo. E. (Comp.), 136 W B'way
Gluck, Wm., 636 2d av
Gmelin, Adolph, 213 E 55th
Gold, Michael, 493 3d av
Goldberger, Frank, 414 8th av
Goldman, Nathan, 406 E 15th
Goldman, S., 1777 3d av
Goldstein, Jos., 179 E 117th
Goldwasser, Max & P., 693 Columbus av
Gompers, Simon, 102 E 108th
Good, Wm. E., 186 9th av
Goodman, Harris, 130 St. Anns av
Goodstein, Chas., 173 E 4th
Goodwine, Philip M., 20 8th av
Gordon, Patrick (Comp.), 17 W 64th
Goraber, Saml., 223 2d av
Gorton, Simeon, 585 S Boulevard
Grady, Wm., 351 8th av
Greenbaum, Isaac, 91 Allen
Greenstein, Wm., 529 E 13th
Gregory, Jas. G. (Metal), 140 W 38th
Griffin & Co., 303 E 124th
Griffin Roofing Co. (Plastic Slate, etc.), 506 W26th
Griffin & Manning (Comp.), 2439 3d av
Griggs, Henry H. (Metal), 168 W 25th
Grobholz, Peter & Co., 2213 8th av
Gronich, Chas., 76 Clinton
Grossman, Max, 121 Columbia
Grossman, Reynold, 118 E 4th
Gruber, Benj., 615 1st av
Guarantee Roofing Co., 569 3d av
Guccione, Ciro, 295 Elizabeth
Gunzenhauser, Philip, 353 W 26th
Haab, Wm., 427 E 14th
Hafner, Fred, 580 E 145th
Hagan, Thomas F. (Slate & Metal), 331 E 102d
Hagner, Julius, 771 2d av
Hahn, August, 304 W 41st
Hahner, Geo., 40 John
Hallet, John E. (Slate), 97 E 220th, Wmsbridge
Halliday, Mitchell (Slate), 305 E 9th
Hamovitz, Abraham H., 385 10th av
Hannan, John W., 4187 Park av
Hanover, Martin H. & Son, 767 Amsterdam av
Harder, Albert, 86 W 126th
Harder, Alfred L., 407 Hudson
Harlem Cornice & Roofing Co., Park av c E 130th
Harlem Roofing & Waterproofing Co. (Comp.), 549 E 116th
Harris Roofing Co. (Comp.), 215 E 64th
Harrison, David, 211 E 116th
Harrison, Michael & Son (Slate, Metal & Tile), 216 E 52d
Harrison, Timothy & Son, 16 Franklin
Harvey, Geo. M., 967 Tremont av
Hassig & Miller (Slate), 207 W 29th
Hassler, Geo., 160 Eldridge
Hauenstein, Philip, 682 Courtlandt av
Hautsch, Albert 244 E 30th
Hay, Peter & Co. (successors to Chas. Wanzer), (Comp.), 286 7th
Hayes, Chas., 1545 3d av
Hayes, Jas. W., 1618 3d av
Healy, Michael V., 796 6th av
Heil, Henry G., 499 W 145th
Heinrich, Geo. P., 639 6th av
Heller, Frank, 476 7th av
Heller, Paul, 72 6th av
Hellerbach, Simon, 80 3d av
Henschel, Chas. S., 203 E 15th
Herklotz, Gustav, 1692 2d av
Herrmann, Geo., 726 8th av
Herz, David, 1439 3d av
Herzenberg, Abraham, 464 8th av
Hession, John J. (Slate & Metal), 1741 Av A
Hewitt, T. J., 38 Cortlandt
Higgins, Geo. S., 128 Lawrence
Hilts, Wm. H., 77 W 3d
Hintze, Julius E., 79 Maiden la
Hinz, Albert, 428 E 13th
Hirschberg, Abraham (Comp.), 14 Rutgers pl
Hoernlein, Edw., 504 E 16th
Hoffer, Max, 309 Henry
Homann, John, 1859 Amsterdam av
Honegger, Gottlieb (Slate), 516 E 72d
Hope, Andrew, 375 W 48th
Horne & Dawson, 245 W 26th
Horner, Jos., 505 5th
Huck, Emile, 486 9th av
Hulbig, August (Slate), 121 W 30th
Hull, Grippen & Co., 308 3d av
Hupfer, Niklas, 50 E Houston
Hurst, Wm., Lane av, Westchester
Hyland, Thos., 152 E 41st
Irving, Geo. H., 403 W 24th
Irving, Thos. J., 369 W 28th
Iser, Morris, 455 Pearl
Iskkowitz, Isaac, 202 Henry
Israel, David, 787 8th av
Isralovics, Mauritza, 432 2d av
Isted & Wade, 209 E 78th
Jacobowitz, Jacob, 364 E 10th
Jacquin, Jas. A., 113 Cedar
Jaeger, Wm. J., 390 Hudson
Jampol, Louis, 132 W Houston
Jersey City Galvanizing Co., 112 John
John, Andrew, 96 W Houston
Johnson, Albert, 265 7th av
Jones, Edw. G., 64 Trinity pl
Jones, Thos. W., 18 Fletcher
Kahn, Jonas, 1258 3d av
Kalbert, Adolph, 172 Essex
Kalmus, Wm., 312 Broome
Kane, Morton F., 1777 B'way
Kantzler, Charles, 618 E 154th
Kaplan, Julius, 19 Pitt
Kaplow, Max, 476 10th av
Kattke, Robt., 408 5th
Katz, Cordelia, 183 Clinton
Katz, I. & Co., 179 3d av
Katz, Louis, 152 William
Katz, Solomon, 183 Clinton
Kaufmann, Chas. (Metal), 784 Columbus av
Kaumitz, Jos., 1069 2d av
Keane, W. A. & Co., 309 E 39th
Keavey, Michael (Slate), 337 Hudson
Keil, Francis X., 825 Elton av
Keller, Aug. E., 136 Beekman
Kelly, Jno. M., 116 South
Kelly, Sydenham, 123 W 25th
Kempe, Arthur, 251 E 84th
Kempf, Anton, 947 6th av
Kennedy, Walter, 2242 5th av
Kessler, Chas., 1 E 115th
Kessler, Chas., 709 E 136th
Kessler, Wm. H., 521 W 52d
Kesten, Morris, 648 6th av
Kestenbaum, Wm., 1786 1st av
Kinsler, Herman, 491 Canal
Kirk, Chas. H., 1109 Wash'n av
Klein, Aaron, 537 6th
Klein, Isaac, 294 Delancey
Klein, Sigmund, 65 Cooper sq, E
Kleinberger, John, 130 7th
Klenert & Son, 1685 1st av
Klenert, Wm., 235 E 87th
Knauss, Chas. W., 48 1st
Knieps, Jas. M., 337 W 41st
Kniest, Emil, 70 1st
Knopf, Geo. S., 3419 3d av
Koenig, Chas., C., 844 Union av
Kohlmann, Hy., Theriot av, Van Nest
Kolbert, Adolph (Slate), 172 Essex
Kolkmann, Herman, 241 W 125th
Kopp, Leopold, 959 1st av
Kosminsky, Isidor, 1107 3d av
Kracker, J. & Son, 612 W 110th
Kramer, Carl, 1407 Madison av
KRAMER, MORRIS (Metal), 404 E 17th
Kraus, Minnie, 3454 3d av
Krause, Albert H., 200 St. Nicholas av
Kraushar, Henry, 209 Greenwich
Krauth, Carl, 110 Greenwich av
Kreiner, Saml., 165 E 31st
Kronman, Edw. 21 Catharine
Kugelman, Louis, 1449 5th av
Kuhn, Wm. H., 1986 Amsterdam av
Kukelhorn, Jos & Co., 8 Peck Slip
Kuntzman, Andrew, 582 Amsterdam av
Kutner, Simon, 42 Attorney
Ladzin, Harry, 2774 Broadway
Lahm, Christ. H., 410 W 35th
Lakey, Thos. T., 160 E 57th
Landsberg, Samuel H., 326 Henry
Larson, A., 46 W 30th
Laura, John & Co. (Slate & Comp.), 160 Lawner, Morris, 202 Henry 5th av
Leonard Sheet Metal Works (Slate, Tile & Metal), 330 W 13th
LeSauvage, Jno., 37 Duane
Levine, Louis, 182 Madison
Levitt, Samuel, 656 10th av
Levy, Adolph, 1589 2d av
Levy, Z., 822 2d av
Linden, John, 545 Hudson
Lippiatt, T. F., 589 Columbus av
Lone Star Roofing Co. (Comp.), 216 Fulton
Loeble, A. H., 45 Grand
Loewe, Jacob, 301 E 116th
Lohse, Richard, 166 E 127th
Lorenze, Jas. E., 343 W 145th
Lufburrow, John E. (Slate & Metal), 349 W 64th
Luneschloss, Edgar, 46 G'wich av
Lunny & Handibode, 585 S Boulevard
LUPTON'S, DAVID SONS CO., 220 B'way. (See adv. index, end of book)
McArdle, Peter H., 580 3d av
McCarthy, Jos., 465 Pearl
McClelland, Wm. A., 310 E 38th
McClure, John H. (Comp.), 39 Cortlandt

McGann, Cornelius, 87 Murray
McGlade, Harry, 624 E 146th
McHugh, M. & Son (Comp. & Slate), 505 W 42d
McKeever, Timothy W., 595 S Boulevard
McKeever & Kerrigan, 1727 W Farms rd
McLaughlin, John A., 204 Hester
Mabie, R. R. Roofing Co. (Slate), 635 W 47th
Mager, David (Metal), 90 Division
Mahon Bros. (Slate & Metal), 107 E 129th
Mahony, Jno. G., 127 9th av
Maier, Gottlieb F., 318 Pearl
Maklin, Barnet, 175 Bleecker
Malaney, Jas., 803 Amsterdam av
Malloy, Matthew, 178 E 85th
Manhattan Tin Roofing Co., 170 E 112th
Mantel, Chas. & Son, 250 W Houston
Manz, Louis, 453 W 54th
Markey, Frank P., 162 E 35th
Marks, Leopold, 49 Attorney
Marquardt, Chas., 418 E 9th
Marshall & Co. (Slate), 281 E B'way
Martin, Alex. & Son (Comp.), 465 3d av
Martin, Anthony, 174 Lewis
Martin, D. K. Roofing & Mfg. Co. (Comu.), 522 E 20th
Maskin, Paul, 202 E 38th
Matuszewski, John, 396 Bleecker
May, Wm. M., 798 11th av
Mayer Conrad, 40 Bond
Mayer, Conrad & Son, 405 8th av
Mayer, Oscar, 27 Fulton
Meade Roofing & Cornice Co. (Slate, Tile, Metal), 156 5th av
Meister & Blayer, 97 Forsyth
Melchior, Fred., 1041 Park av
Mendelsohn, Max, 370 Amsterdam av
Mery, Frank, 232 9th av
Messinger, Nathan, 340 6th
Meyer, Alphonse, 132 W 20th
Mica Roofing Co. (Comp.), 17 Battery pl
Michel, Ferd & Son, 103 E 9th
Midnik, Harris, 29 Norfolk
Miller's, John Sons, 440 W 54th
Mills, Danl. A., 251 Mulberry
Molle, Edw., 167 W 13th
Monckton, Jno. H., 347 E 30th
Moore, Thomas, 1963 Amsterdam av
Moose, John, 1026 3d av
Moran, Jno. P. (Metal), 904 8th av
Morgan, James P., 179 E 77th
Morgan, Jos., 179 E 77th
Morgenstern, Samuel, 834 1st av
Moritz, Isaac, 1192 2d av
Morris, Max, 234 W 27th
Morrison, Richard H., 1231 3d av
Morrow, John (Slate & Metal), 225 W 50th
Mucke, Julius, 2398 2d av
Mufson, Morris, 115 Norfolk
Mull, W. B. & Son, 1604 6th av
Muller, Geo. H., 1251 Stebbins av
Muller, R. & O., 624 E 150th
Muller, Samuel (Slate), 566 11th av
Murphy, George M. (Slate & Metal), 43 New Chambers
Murphy, W., 151 Willis av
Neil, John (Slate & Metal), 434 W 17th
Neumann, Louis (estate of), 387 3d av
NEW, T. CONSTRUCTION CO. (Comp., Brick, Gravel, Metal & Tile), 520 W 29th
New York Roofing Co. (Comp.), 17 Battery pl & 512 E 23d
New York Sheet Metal Works (Slate & Metal), 515 W 29th
Ney, Edw. Co., 183 Thompson
Nicholson & Galloway (Slate), 644 Hudson
Niczky Bros., 618 11th av
Nordinger, Jacob, 305 E 9th
Oberle, Jacob F., 780 2d av
O'Brien, Henry S., 920 6th av
O'Callaghan, Thomas (Comp.), 238 Columbus av
O'Crowley, Michael F., 26 Ann
Odell, Charles W., 2230 7th av
O'Donnell, Patrick, 909 2d av
O'Leary, Thomas (Comp.), 235 Centre
Olinsky Bros., 164 Madison
Olinsky, Louis, 138 Delancey
Oppel, Rudolph, 335 E 32d
Parolla, Meyer, 117 Essex
Parolla, Moses, 158 Delancey
Parshall, Benjamin C., 103 Christopher
Partzschefeld, Louis, 28 E 134th
Pauker, Edw., 266 E 4th
Perlmutter, Nathan, 868 2d av
Perlstein, Louis, 140 Monroe
Perske, Francis, 439 E 92d
Pfeifer Bros., 473 G'wich
Platz, Fred A., 645 E 141st
Plumhoff, Henry & Son, 215 E 29th
Polatschek, Leopold, 405 W 48th
Poll, Michael, 897 3d av
Poppe, Henry, 362 9th av
Powers, Edward & Son, 952 1st av
Preusser, John (Metal), 302 W 122d
Pullar, James, 962 6th av
Quetting, Adolph, 317 Madison
Quinn, Geo. F., 396 4th av
Raab, Henry, 156 3d av
Rapaport, Adolph, 146 Columbia
Rauch, Aaron, 18 Stanton
Rauh, Adolph (Metal), 644 9th av
Rea, Andrew L., 1012 Westchester av
Regneri, Bartholomew, 157 E 84th
Reich, Emil, 111 3d
Reilly, Christopher, 259 W 29th
Reinshagen, John, 79 Allen
Reiss, Philip S., 161 Wooster
Rettman, Louis, Park av, nr E 140th
Reul, Matthew, 752 9th av
Rice, Barth J. (Slate, Tile & Metal), 578 W 130th
Rich, Albert, 560 Columbus av
Richards & Reul, 2217 8th av
Richman, Jos., 166 E 109th
Richmond, Saml., 433 E 15th
Richter, Frank & Bro., 66 W 70th
Rieger, Martin, 1396 Lexington av
Riethmuller, Frank, 184 W Houston
Rockwell, H. G., 587 E 135th
Rode, Chas. H., 588 Amsterdam av
Roessler, Fred., 8 Greenwich av
Rogers. Geo., 2527 8th av
Romano, Luigi, 130 Baxter
Roof Maintenance Co. (Comp. & Metal), 107 W 125th
Rooney Bros. (Slate), 607 Amsterdam av
Root, Edward B., 606 8th av
Rosenberg, Adolph, 281 Av B
Rosenberg, Hyman, 854 11th av
Rosenbluth, Phillip, 792 11th av
Roth, Max, 26 Av C
Rubenstein, Henry, 224 E 98th
Rudin, Emil, 210 W 26th
Rudman, Chas., 80 Fulton
Rueb, Jos., 201 E 36th
Salimbeno Bros., 115 Mott
Sampson, Walter, 448 W 48th
Sanders, Wm., 301 E 26th
Saron, Jacob, 42 Manhattan
Saron & Saron, 2164 Madison av
Saron & Son, 57 Willett
Saunders, Walter D., 3277 3d av
Scanlan, Thos. E., 1131 3d av
Schafer, Jos., 2493 Arthur av
Scherrer, Conrad (Metal), 448 7th av
Schery, Nicholas, 206 E 85th
Schmid, E. F., 74 Varick
Schmidt, Adolph, 373 W 35th
Schmitt, Gustav, 505 W 43d
Schneider, John, 2094 Amsterdam av
Schoenberg, Max, 226 Hudson
Schoenemann, Gustave, 982 Forest av
Schoenholz, Eleazer, 738 5th
Schoenstein, Flori, 1055 1st av
Schuler, Charles (Slate), 15 Stuyvesant
Schumacher, J., 487 Columbus av
Schuman, Edw., 600 10th av
Schwartz, Samuel M. (Metal), 1 W 116th
Schwarz, Chas., 1392 2d av
Schweid, Samuel, 165 Wooster
Schweikert & Geiger, 832 3d av
Schwoerer, Anthony & Sons, 120 Av D
Scofield, Clifton, Main st, C. I.
Seidenberg, J. M., 1749 Av A
Seiferth, Chas., Mathilda, nr E 240th, Wakefield
Senz, Fred., 61 E 125th
Severin, A. A., 229 7th av
Seymour, C. J. & Son (Metal), 36 Gouverneur
Shaffer, Davis, 104 3d av
Shapiro, A. (Slate), 968 2d av
Shaw, Michael J., 555 Hudson
Shea, Jas., 328 E 31st
Sherwood Bros., 1021 3d av
Sherwood, Wm., 1021 3d av
Shiller, Frank, 224 W 36th
Shipman, Julius (Metal), 908 9th av
Sholomov, Reuben, 238 Av A
Sibbald, John W., 214 St. Nicholas av
Siegel, Abraham, 160 E 106th
Silverman, Benj., 13 Essex
Silverman, Saml., 1561 3d av
Simon & Schwartz, 131 Clinton
Simpson, Isidor H. (Metal), 286 Amsterdam av
Simpson, Jas., Gerard av, nr E 161st
Smith, George (Metal), 411 2d av
Smith, Louis (Metal), 132 Division
Smith & Dorsett (Slate, Tile & Metal), 405 E 47th
Smrkovsky, Frank, 1120 1st av
Soellner, Chas., 1580 Av A
Sommerfeld, A. & B. Riesner, 317 W 39th
Standard Paint Co. (Comp. & Ruberoid), 100 William
Star Roofing Co. (Comp.), 17 State
Stein, Emil, 286 Columbus av
Stein, E. & Mandel, 700 Amsterdam av
Steingeiser, Louis, 240 2d
Sternberger, Ignatz, 10 Amsterdam av
Stiefel, Gustav, 177 E 75th
Stirrup, John W., 82 Church
Sturman, Abraham, 211 Division
Taldos Bros., 227 E 47th
Taos, Jos., 210 E 100th
Taylor, N. & G. Co., 1123 B'way
Teets, Samuel A., 507 8th av
Thompson, Duncan, 78 Av D
Thompson, Wm., 56 Sullivan
Thron, Herman, 403 8th av
Tienken, Jno. H., 250 Brook av
Trillich, Henry, 756 6th
Trube, Fred A., 1662 3d av
Truchinsky, Jacob, 233 Av A
Tuttle Roofing Co. (Comp.), 522 E 20th
Tyler, Frank J. (Metal), 218 8th av
Tyrell, John, 1 Minetta
Unger, F. J., 99 Av A
Vance, Richard, 445 Broome
Vierick, Lydia, 421 3d av
Vogt, Geo. J., 312 E 60th
Voigt, Geo., Grant av, Van Nest pk
Wachenheimer, Fred., 1065 3d av
Waidelich, Geo., 225 10th av
Wald, Abraham, 276 8th av
Walker, Wm. T. (Slate), 3357 3d av
Walker & Chambers, 653 1st av
Walsh, Michael, 336 Henry
Walther, Max, 796 E 142d
Warren Bros. Co. (Asphalt, Tar, Tile & Slate), 253 B'way
WarrenEhret Co. (Composition), 17 Battery pl
Washa, Wm., 691 1st av
Weber, Morris, 82 Columbia
Weber & Homberg, 345 E 9th
Weinberg, Herman, 1645 Madison av
Weinberg, Samuel, 83 Ludlow
Weintz, Henry, 84 Greenwich av
Weis, Martin, 349 9th av
Weiss, Rudolph A., 192 3d
Werner, Chas., Columbus av, Van Nest
Westegren, M. F. (Slate), 435 E 144th
Whitaker, Frank, 2147 3d av
Whitney, Frank, 452 W 125th
Wildman, Jos., 209 Columbus av
Wilchinsky, Herman, 137 E Broadway
Williams, Wm., 811 Columbus av
Wills, William H., 111 E 27th
Wilson Bros., 238 E 59th
Wilson, M. S. A., 408 E 77th
Winter, Jacob Co., 712 Lexington av
Winters, Charles, 22 Grove
Wolf, Jacob, 109 Norfolk
Wolff, Chas., 112 Liberty
Wonderlich, Adolph, 420 W 39th
Wynn, M. F. & Co. (Asphalt, Comp., Gravel, Slag, Slate, Tile, etc.), 409 E 24th
Zaltz, Isaac, 411 W 45th
Zawar, William, 339 E 9th
Zerfas, Jas., 157 E 57th
Ziegler, Jacob, 211 5th
Zorn, Aug., 1029 1st av

BOROUGH OF QUEENS.

BAY SIDE—Robertson, F. B.
BROOKLYN HILLS—Faiver, Geo. L.
COLLEGE POINT—Ackernecht & Kirchner, 39 2d av
Cornell, John H. & Co.
Marx, Louis, 96 13th
CORONA—Bock, Edw. E.
Schilling Bros.
ELMSHURST—Glickman, Marks
Langstaff, C. R.
EVERGREEN—Franz, Chas.
Guggenbach, Jacob
Schauer, Christ.
Schauer, Gustav
FAR ROCKAWAY—Lapaugh, David J.
McGinnis, P. J.
Mulhearn Co.
Scott, Philip
Smith Bros.
FLUSHING—Anderson, John A.
Anderson, John & Son
McLellan, Alex. L.
Perpall, E. A. & Son
Lewis, Geo., 89 W Amity
GLENDALE—Grenner, Geo.
JAMAICA—Lewis, James T.
Perry, George W.
Stewart & Knorr
Wooley, Charles H. & Bro.
LAUREL HILL—Figel, Emile

LONG ISLAND CITY—Anderson, Geo.
Brodie. Wm. (Slate & Metal), 31 Vernon av
Dirk, Geo., 319 Flush. av
Forrest, Wm. (Tin & Gravel)
Hughes, Hy. A., 89 Star av
Jarvis, Edward
Livingston, Chas., 184 Main
McBride, Wm
Moeser, Bernhard
Morin, Jos., 591 Jackson av
Munder, Aug., 305 Freeman av
Nelson, Hy., 568 Jackson av
Petry, John W., 63 Vernon av
Recknagel, Arthur, 407 Steinway av
Ridder, Fredk. W., 123 Newtown av
Turner Bros., 120 Jackson av
Wedmayer, Fredk.
MASPETH—Diemer, John
Horwitz, Hy.
Inglis Bros.
Quirin, Frank
METROPOLITAN—Seitz, Louis, Met. av, nr Collins av
Ries, John
OCEANUS—Hartmann, Robert
OZONE PARK—Lissner, A.
RICHMOND HILL—Banks, Rich. M.
Barkenthien, August
Beller, John J.
Graf, Louis
Meier, F. X.
Schwenger, Geo.
WHITESTONE—Dare, A. C.
Gleason, Edwin G.
WINFIELD JUNCTION — Andres, Henry, Thompson av, nr Burroughs av
Lahoda, Paul
WOODSIDE—Lievendag, Adolph
Morin, Jos.

Borough of Richmond

GREAT KILLS—Brower, H. S.
LINOLEUMVILLE—Scholes, Cornelius
MARINERS HARBOR—Lake, Jos.
Lorenzen, Peter E.
NEW BRIGHTON—Barnes, Wm.
Everitt, Geo. Wm.
Johnson, James O.
Pahland, Wm.
Santry & Co.
NEW DORP—Shultz, Garrett
PORT RICHMOND—Rauscher, Frederick
Watters, John
PRINCE BAY—Beplatt, Wm.
ROSEBANK—Fleming, John
O'Brien, T., Maryland av, c Thomp. av
Sinnott, Thos. F.
Zorn & Kutscher
ROSSVILLE—Burgher, Jno. S.
STAPLETON—Greeb, Christian
Lindemeyer, Wm. J.
Mulick, John
Schild, H., Jr.
Silberman, Abraham
Willshaw, Alex.
TOMPKINSVILLE—Ard, Philip
Snyder, James
Wigt, Herman
TOTTENVILLE—Guyon, H. A.
Sevenhaar, Emil (Slate & Metal), 64 Main
WEST NEW BRIGHTON—Clark & Morton
Davies, Geo.
Everitt, Geo. W.
Heap, Chas. R.
Henderson, R. K.
O'Connell, T. F.

(END OF NEW YORK CITY.)

NEW YORK MILLS—Hastings, M. E. & Son
NIAGARA FALLS—Burleson Hardware Co.
Colgan, Jos.
Erskine, Wm.
Leggett, Albert R.
Machwirth Bros. Co. (Slate, Metal, Tile, Asphalt & Gravel)
Oliver, F. W. Co. (Slate & Comp.)
Watson, J. & Son
NORTH CREEK—Suilivan, W. E.
NORTHPORT—Cross. Thos. H.
NORTH TONAWANDA—Knapp Hardware Co.
Tuck, R. L. & Co.
NORTHVILLE—Allen & Palmer
NORWICH—Burford, Wm. G. (Slate)
Nash, Chas. G.
Latham, C. H.
Lyon, W. V.
NYACK—Ernst & Bro.
Fairsnider, Jno. T.
Fulton, W. A.
Gates, George
Henry, Allen L.
Nelson, Geo. A.
Wyman, George R. & Son
OGDENSBURG—Barr, Jno.
Bowman, Jas. S.
Bowman, Robt.
Britton, W. D.
Hackett, P. Hdw. Co.
Rapin, Frank & Co. (Est. of)
Skeith, Thos.
OLEAN—Simpson, W. H.
ONEIDA—Agen, M. E.
Cook, Jno.
Harris, Wales & Co.
Lype, Norman
Millspaugh. W. H.
Tooker, O. P.
ONEONTA—Rowell, Geo. W. (Slate & Metal
Stevens & Baker
Townsend, L. H. & C. D.
ORISKANY—Harrington, P. J.
ORISKANY FALLS—Lawless, Jas.
OSSINING—Barlow & Co.
Young, A. L.
OSWEGO—Hennessey, Thos. M.
Keefe Bros.
Kehoe Bros.
Sullivan, J. C.
Warsop, G. W.
OSWEGO FALLS—(See Fulton)
OTISVILLE—Van Duser, J.
OWEGO—Adams, H. B. & Sons
Houk, J. S.
Stanbrough, J. B.
OXFORD—Burchard Bros.
Titus, B.
OYSTER BAY—Baldwin, Thos. E. (Slate, etc.)
Hutchinson, E. K. (Slate)
Waldron, E. P.
PAINTED POST—Orr & Smith Hdw. Co.
PARISH—Church, F. A.
PATCHOGUE—Gordon, F. E.
Kirk, Theo. J.
Overton, L. M.
PATTERSON—Light, J. O.
PAUL SMITHS—Smith, Paul & Sons
PAWLING—Gibney, Geo. W.
Merwin, F. S.
PEEKSKILL—Durrin Bros.
Foster & Son
Jordan, Warren
Smith, Jno., Jr. (Slate, Gravel & Tar)
Wessells, Wilber F., 113 N Division
Wightman, Andrew (Slate & Metal)
PENN YAN—Shannon, J. C. & Son
PERRY—Moore, T. V.
Olin & Grieve
PERRYSBURG—Warren, Henry
PHELPS—Hibbard, E. A. & Son
White, Geo. W.
PHILMONT—Carney, M. (estate of)
PIERMONT—Auryansen & Scheinler
PITTSFORD—Hegendorfer, Fred.
PLATTSBURGH—Cavanagh, Jas., 25 Peru
Costello, Thos., 96 Margaret
Moeers, W. B.
Paro, N. (Slate)
Webb, Geo. N., 15 Bridge
PLEASANT VALLEY—Lasher, F. P. (Slate Metal)
PORT BYRON—Link & Woodhouse
PORT CHESTER—Desmond, P. J. (Gravel & Tin)
Dold, Fredk., Jr. (Tin & Metal)
Siltz, Geo. W. (Gravel & Tin)
PORT HENRY—Breadner, J. T.
Hogan, Michael
PORT JEFFERSON—Davis N. W.
Davis & Co. (Slate & Metal)
Lawrence, John H.
Smith G. H. (Slate & Metal)
PORT JERVIS—Driller, Frank
Gordon & Malven Co.
Peck, Chas. I.
Swinton & Co.
POUGHKEEPSIE—Adriance, Peter & Son (Slate & Metal), 393 Main
Aldrich, Elbert (Slate, Tile, Metal & Asphalt), 391 Mill
Briggs, G. H. & Son, 393 Main
Cook, Chas., 418 Main
Cowee, Warren G. (Slate), 30 Mansion
Doherty, P. C., 112 Main
Maar Bros., 16 Wash'n
Miller, Frank, 131 Union
Plass, J. W., 445 Main
Ritter, Wm. H., 141 Main
Schick, Chas. F., 192 Main
Trowbridge, B. H. & Son, 356 Main
Ward, P. H., 271 Main
Ward, Thos., 27 Main
Ward, Wm., 234 Main
Waters, T. A., 402 Main
RAVENA—Strevell & De Friest
RED HOOK—Curtis & Van De Bogart (Slate, Tile & Metal)
RENSSELAER—Clark, James
Wilson, R. I.
RHINEBECK—Rosenkrantz, L.
Smillie, Harry & Co.
RICHMONDVILLE—Bernstein, Edw.
RIVERHEAD—Bunce, Chas. E.
Corwin, Chas. L.
ROCHESTER—Amos, F. A., 36 N Water
Barnett, Jno., 348 Plymouth av
Berger, Frank, 128 Portland av
Calder, Robt., 86 Exchange
Callister, F. B., 61 W Main
Dumond, Babcock & Kingston Co. (Slate & Metal), 65 Stone
Dupre, Wm. J., 679 South av
Fleming & Renner, 475 South av
Fricker, Jno. (Copper & Tin), 10 Ely
Goggin & Knowles (Slate, Gravel, Tile, Iron & Tin), 50 Franklin
Heeks, John, 83 Clifford
Hisom, Cornelius J., 174 Monroe av
Horn, Frank J., 149 Maple
Howe, S. B., 36 Atlantic av
Irwin & Koerner
Johns, Franklin, Jr., 73 Walnut
Keeler & Mayer, 341 North
Keller, Wm., 74 Clinton av, N
Knapp & Drew, 954 Genesee
Kurlanski, Max, 192 Joseph av
Lennon, Michael J., 289 St. Paul
Lester, Henry, 150 W Main
McAnally, Nicholas, 12 Cortland
McConnell, J. S. (Slate, Metal, etc.), 234 Mill
McCormick, Wm. A., 520 State
Maloy, Chas. H., 179 Main, W
Marine, Hyman, 90 Kelley
Marriott, Wm., 68 Manhattan
Mathews & Bertru, 539 State
Patchen Bros., 220 Meigs
Patterson, Robt., 183 Front
Pritchard, M. E., 179 Main, W
Ratt & Smith, 65 Stone
Richards, Chester F., 177 West av
Richer, J. Henry, 189 Reynolds
Riley, Wm., 147 Clinton av, N
Roberts, A. E., 38 Arcade
Robinson, Wm. (Slate & Gravel), 73 Exchange
Rochester Non-Rust Tinware Co., 85 Allen
Rochester Roofing Co. (Comp.), 130 Spencer
Rock Asphalt Pavement Co. (Asphalt)
Rodenbeck, C. F., 388 South av
Schmanke, Wm. F., 362 Hudson av
Schultz, Chas. M., 672 Clinton av, N
Selbig, Martin L., 44 Grape
Siddons, Jno. Co. (Slate, Metal, Tile & Gravel), 61 to 65 N Water
Stierly, E. & R., 440 Main, E
Strauss, Leopold, 533 Joseph av
Suess, Wm. H., 216 North
Turner, T., 381 State
Vay, Benj. F., 137 Gibbs
Warren Chemical & Mfg. Co., 149 Main
Wieser, Nothan, 137 Chatham
Young & Harrington, 173 South av
ROCKVILLE CENTRE—Cock, W. R.
McCarten, E. E.
Pettit, Frank
ROME—Conley, Jas.
Jackson, Chas. H.
McCuaig, Martin & Jones
McLean Jas. H.
Relyea & Rockwood
Russell & Walier
Sherman, H. B.
Smith, Geo. S.
Townsend's, J. Sons
Tyler, C. Edwin
RONDOUT—(See Kingston.)
ROSENDALE—Bannon, L. F.
Longyear, Chas. M.
ROSLYN—Burrowes, Robt. (Slate & Metal)
Titus, Willett (Slate & Metal)
ROUSE'S POINT—Chilton, Geo. & Co.
SAG HARBOR—Montcaim, C. H.
Richards, R. E.
Youngs, D. E.
ST. JOHNSVILLE—Metzger & Lentz
SALAMANCA—Andrew, J. A. & Son
McCann, Hubbell & Co.
SALEM—Baker, G. W. & Son
SALISBURY MILLS—Dusenbury, Z. D. W.
SANDUSKY—White Bros.
SANDY CREEK—Colony, C. W.
Jones, L. J.
SANDY HILL—Parks, S. H.
Sherrill, Geo.
SARANAC LAKE—Adirondack Hdw. Co.

SARATOGA SPRINGS—Collins & Spencer
Fitzpatrick, Jas. W., 28 Phila.
Green, Edw. J.
Hickey & Moylan, 16 Caroline
Ingmire, Wm. M., 38 Caroline
Jamieson & Fosmire, 29 Caroline
Meehan & Co., 2 Caroline
Powers, James H., 42 Putnam
Smith, Charles, 2½ Maple av
Sterns, Spencer M.
Tarrant, W. P., 12 Maple av
Towne Hardware Co., 430 B'way
SAUGERTIES—Hildebrandt, F. A.
Lamb, Daniel
Smith, Philip C.
SAYVILLE—Edwards, Lewis M.
Jedlicka Bros.
SCHAGHTICOKE—Waldron, William
SCHENECTADY—Burtiss, Albert R. & Son, 152 Jay
Case, L. & Co., 414 Warren
Chambers & Clason, 215 Dock
Clute, W. S., 16 Central Arcade
Dakin, John H., 512 Liberty
McGrath, Jno., 5 S Centre
MacGregor, Thos. F. (Slate & Metal), 135 Jay
Marsh, F. E., 133 Jay
Peters & Borden, 224 State
Schwilk, Carl W., 26 S Centre
Stevenson Bros., 129 S Centre
Vrooman's, J. V. Sons, 138 State
SCUYLERVILLE—McRae, G. S. & Co.
Washburn, M. V. B.
SEA CLIFF—Brundage, Harvey
Koop, Jno. & Sons
SENECA FALLS—Dillon, W. J.
Story & Strong
Waller, George A.
SHARON SPRINGS—Klinkhart, George
SHELTER ISLAND HEIGHTS—Harris, C. S. (Slate, Somp., etc.)
SHERMAN—Sperry, E. & Son
SIDNEY—Davis, Jas. E.
SILVER CREEK—Shofner, George H.
SINCLAIRVILLE—Reed, R. & Co.
SKANEATELES—Bench, J. & Son
Shallish, J.
Shotwell, Tucker & McGinn Co.
SOUTHAMPTON—Cameron, A.
Hammond, E. E.
SOUTHOLD—Macomber, B. F.
SPENCERPORT—Spencer, F. W.
SPRINGVALLEY—Ruppel Bros.
STAMFORD—Kelly, E. L.
Lawrence, H. C.
Maynard & Elliott
STAPLETON—(See New York City, Borough of Richmond)
STILLWATER—Haight, Silas
Hunter, E. B.
STONY CREEK—Gill, Charles H.
STONY POINT—Springsteen, D. & W.
SUFFERN—Beers, Geo. A.
SYRACUSE—Blant, Arthur C., 117 Oak
Blant, Jos. A., 227 James
Bock, August, 934 Butternut
Bradford & Deruchie, 439 E Water
Carroll, Patrick, 405 S State
Cashman & McCarthy (Slate, Metal & Tile), 372 W Fayette
Central City Roofing Co. (Comp. & Slate), 430 Canal
Collins, Jno. W., 217 Oswego
Curran, Jas. (Slate & Metal), 213 N Franklin
Dotterer & Becker, 722 N Salina
Drake, Edw. 300 Slocum av
Drake, Wm. B., 113 Bryant av
Duckrow & Duckrow, 222 W Onondaga
Dudley, Reuben, 216 W Genesee
Dusart & Hoffman, 201 Walton
Engleman, Jno. F., 210 Otisco
Evans, B. W., 309 Turtle
Falk, Philip, 410 Ash
Fisk, C. H. & Co., 1920 Park
Fitzgibbons, Jno., 1619 Fist North
Griffing, T. Wm., 123 Loomis av
Hage, Jesse I., 117 E. Brighton av
Haun, J. G., 813 Park
Hazeltine, A., 100 Townsend
Heaphy, Dennis J., 133 W Water
Heftie, Jno., 1112 S Geddes
Hessler, Holister E., 512 N Salina
Hinman, Herman, 611 Madison
Kelley, Edmund, 1701 W Lafayette
Lacy, Joseph, 103 N Warren
Lapham, Jno., 235 South av
Long, Thomas, 311 Townsend
Lyons, R. C., 706 Grape
McCarthy, Jno. J., 511 S West
Miller, Ernest, 115 Peters
Moore, Jewett E. (Slate & Tile), 101 Alexander av
Moore, Wm. H., 113 Helen
Mudford, Wm. R., 822 S Salina
Murphy, M. J., 318 Hawley av
Paulus, Philip, 319 N Salina
Robinson, C. P., 1110 E Fayette
Rolle, August, 720 Butternut
Schemel, Geo. C., 425 W Fayette
Schreyr, Jno., 1110 Butternut
Simmons, Theo., 112 Montgomery
Smith, Willis B., 301 Grand av
Soper, Wm. S. & Son, 621 S West
Talbott, Thos. & Son (Slate, Tile, Asphalt & Gravel), 240 W Water
Wallace, E. F., 1010 S State
Welch, Jno., 616 Burnet av
Wolcott, Hy. E., 301 Tallman
TARRYTOWN—Curtiss, C. H. & Co.
Kuntz, H. L.
Miller Bros.
TICONDEROGA—Bascom, D. C.
Brust, F. L.
Lamson, W. H. & Son
TOMPKINSVILLE—(See New York City, Borough of Richmond)
TONAWANDA—Koenig, H. B. & Co.
Winkler, Paul
TOTTENVILLE—(See New York City, Borough of Richmond)
TROY—Caswell, H. J., 621 2d av
Cole, Geo. H. & Son, 229 River
Doherty, Michael, 25 Ingalls av
Harper, Thos. K., 565 Congress
Hawkins, Jno. E. & Son, 14 12th, Lans.
Joyce, Humphrey, 342 Congress
Kennedy, James, 402 River
Kennedy, James F., 12 Hoosick
Knaupp, Jno. F. (Slate & Metal), 673 Pawling
Loeble, Chas. A.
Loeble, W., 422 River
McCracken, Wm. R., 70 Hoosick
Millett, M J., 329 4th
O'Brien & Ham, 275 River
O'Connor, John, 328 2d
Osterhoudt & Lynch, 124 Congress
Pomeroy & Catlin (Asphalt & Felt), 84 Congress
Powers, John J., 310 2d
Sasse, Robert W., 842 River
Sherman, Geo. S., cor 3d & Division
Sherman, Wm. A., 309 River
Wheeler, Mrs. Eliza, 414 1-2 River
Whitaker, James A., 11 9th, Lans.
Young & Co., 618 2d av, Lans.
TUCKAHOE—Rubly, William
TURNER—Sturr, Daniel
TUXEDO PARK—Secor, Charles H.
Vail, William
UTICA—Anglehow, Henry, 28 Belmont av
Batchelor, Julian & Sons, 12 Pearl
Briethaupt, Fred. J., 61 N Genesee
Brucker, G. L., 77 South
Carey & Co., 211 Genesee
Carney Bros. Co., 204 Columbia
Coffey, John J., 95 Taylor av
Commonwealth Roofing Co., Clarendon bldg
Giersbach, Albert H., 97 Columbia
Goodenow, A. L., 54 John
Fisher, M. J., 71 Main
Henry, Joseph D., 139 Court
Jacobs, S. F., 117 Court
Jones, Wm. E. & Sons, 5 Union
McLean & Co., 131 South
Metal Roofing & Cornice Co. (Slate, Metal & Gravel), 71 Main
Millar, Chas. & Son Co., 127 Genesee
Moser, John, 34 Seymour av
Owens, Wm. J., 44 Steuben
Parker, Edw. W., 26 Pearl
Sabine & Harvey, 74 South
Shaughnessy Bros., 143 Genesee
Trosset, Frank, 615 Bleecker
Weiss, Adam (Asphalt, etc.), 366 Seymour av
Werthman, F. T., Eagle & Elm
Wicks, Hughes & Co., 224 Genesee
Witte, John B., 50 Varick
VALLEY FALLS—Clark & Parker
Parker, J. W.
WALDEN—Collins & Craft
Wade, A. K.
WALTON—Olcott, S. P.
WALWORTH—Petty, Isaac & Co.
WARRENSBURGH—Hunt, John G.
Mixter, F. R.
WARWICK—Montross, A. W.
Ogden & Pelton
WASHINGTONVILLE—Beaumont, F. E.
Hull, C. W.
WASSAIC—Williams, William
WATERFORD—Barnfather, F. B. & Co.
WATERLOO—Nugent & Co.
Van Riper, Theodore
WATERTOWN—Bradley, T. H. (Tar & Felt)
Chant, R. W. & Co., 101 Main c Moulton
Harbottle, M. & Co., 37 Public sq
Healey & Chambers, Burdick bldg, Franklin
Hyde Bros., 29 Public sq
Irvin, E. B. (Asphalt & Gravel)
McCrady & Rogers, 42 State
Paris & Cooley, Watertown
Pool & Still, Burdick bldg
Simpson, Edw., 39 Main
Smith, H. M. Roofing Co., Bergevin bldg
Spratt, J. W., 3 Sterling
WATERVILLE—Barr, R. M. & Son
Bourke, M. R.
McLean, W. G. & Co.
WATERVLIET—Campbell, Fred'k, 2135 2d av
Gray, Vivian, 416 3d av
Hamil, James, 1605 Broadway
Rivers, Leo, 1531 B'way
Sexton, Samuel, 202 23d
WATKINS—Banks & Woodward
Durland, L. H. Son & Co. (Slate & Metal)
WAVERLY—Barton, A. & Co.
Mixer, E. D.
WEEDSPORT—Burritt, O. W. & Bro.
Harmon, A. B.
WELLSVILLE—Hoyt Hdw. Co.
Lauterborn & Johnston
Vincent, C. F.
WESTFIELD—Carpenter, E. F.
WESTPORT—Eastman, H. E.
W. NEW BRIGHTON—(See New York City, Borough of Richmond)
WHITEHALL—Pratt, E. C. & Co.
WHITE PLAINS—Fowler & Sellars
Hardy, A. F.
Sherwood, C. P.
Sniffin, William H.
WHITESTONE—(See New York City, Borough of Queens)
WILLINK—Sommer & Co.
WILLBORO—Hudson, Wm.
WILSON—Perrigo, G. W.
WOODHAVEN—(See New York City, Borough of Queens)
WOODMERE—Baldwin, Gilbert
WORCESTER—Eitapence & Co.
Wilcox & Callendar
WYOMING—Howard, S. & Co.
YONKERS—Acker, D. & Co., 50 N B'way
Bailey, George A., 52 N B'way
Fitzgerald, D., 202 New Main
Humphrey & Bell, 25 Wells av
Kelly, Jno. L., 3 Wells av
Kronowitz, Jacob, 46 Riverdale av
McVicar, Thos. (Slate & Metal), 31 Dock
McVicar, Wm. H. (Slate & Metal), 83 Woodworth av
Pawson, J. E., ft Wells av
Reade, Cabot S., 47 Ashburton av
Ryan, Thomas A., 6 Main
Scholding Bros., 159 Nepperhan
Tompkins & Donnelly, 334 New Main
Westchester Metal Works, 46 Riverdale av
Wheelock, M. R. & Son, 28 Riverdale av
Zulauf, Henry, 4 Wells av

NORTH CAROLINA.

ASHEVILLE—Boyce, W. A. (Slate & Metal)
Lindsay, F. M.
McPherson & Moore (Slate & Metal)
BURLINGTON—Thomas, S. S. & Sons
CHARLOTTE—Charlotte Roof & Paving Co. (Slate, Metal, Felt & Gravel)
Davidson, John C.
Davis, W. C
McCausland, J. N. & Co. (Slate & Metal)
Strange & Shuman
CONCORD—Hill, W. J.
DURHAM—Lougee, W. J.
Taylor & Phipps
ELIZABETH CITY—Heath, H. W.
FAYETTEVILLE—McMillen Bros.
GREENSBORO—Bond, A. Y.
Johnson Mfg. Co.
Pleasant, W. R.
Wharton, J. W.
Yates, J. F.
Yates, W. B.
HENDERSON—Carter, W. T.
McCraw, J. E.
HICKORY—Huffman, L. W.
HIGHPOINT—Gordy, McDaniel
Ward, J. R. Supply Co.
KINSTON—Clayton, W. H.
Isler, S. H., Jr.
LUMBERTON—Webster, H. G.
MARION—Horn, J. E.
MURFREESBORO—Evans, R.
NEWBERN—Avery, F. P.
Cannon, L. H.
Parker, S. B.
Smaw, D. G.

RALEIGH—Briggs, Thos. H. & Sons
Clark, M. S. & Co.
Lumsden Bros.
Young & Hughes
REIDSVILLE—Ford Bros.
SALISBURY—Beaver, J. M.
STATESVILLE—Nicholson, J. W.
TARBORO—Howard & Co.
WILMINGTON—Craig, Jos. F.
Smith, S. L. & Son
Toler, T. S.
WINSTON-SALEM—Brickenstein, L. B. (Slate, Metal & Gravel)
Crawford & Ragland
Morgan & Blume

NORTH DAKOTA.

BISMARK—Grambs & Wolbert (Tin & Comp.)
CASSELTON—Strehlow, H. F.
EDMORE—Braaten, Hans
FARGO—Davies, F. E.
Harrington, Hubert
GRAND FORKS—Barnes & Nuss Co.
Spriggs Bros.
JAMESTOWN—Scott, R. L. & Co.
Thornhill, E. B.
LISBON—Cole, J. S.
Mott, Chas. H.
WAHPETON—Jamieson, W. W.
Schultz, O. H.

OHIO.

ADA—Riddle, J. C.
ADELPHI—Binkley, Cary L.
AKRON—Akers & Co., 1084 E Market
Akers & Harpham (Slate, Gravel & Metal), 628 E Mill
Akron Hardware & Spouting Co., 102 Summer
Akron Roofing Co. (Slate, Metal & Tile), 104 E Exchange
Akron Tin & Furnace Co., 1503 S Main
Bowers, T. A., 303 S Maple
Gross, John, 617 S Main
Harter & Milar, 186 S Howard
Kasch Roofing Co. (Slate, Tile, Metal & Comp.), 332 S Main
Lind, L. M. & Sons (Slate, Felt & Metal), 615 S B'way
May & Fieberger, 114 N Howard
Neff & Knapp, 208 W Exchange
Pouchot, Hunsicker & Co. (Slate & Metal), 218 S Main
Rohrbacker & Allen, 166 S Howard
Rutherford, J. & Son, 173 S Main
Scheppler, Aug., 538 S Main
ALLIANCE—Ellis & McDonald
Love, Casselman & Co. (Slate)
Sluss, M. (Slate)
ASHLAND—Ambrose & McEntire
Marks, F. R. (Slate & Metal)
ASHTABULA—Biedler, A. M. (Slate)
Crosby Hdw. Co.
Dudley, W. E.
Flood, Jno.
Paine Bros.
Tingley & Son
Van Tassell, G. A.
ATHENS—White, F. P.
AUBURN—Balke, W. F.
AUSTINBURG—McClure, J. J.
BARBERTON—Hickox, W. R. & Co.
Miller Roofing Co. (Slate, Tin & Iron)
BARNESVILLE—Graham, T. J.
Hobbs & Carr
Timmons, H. D.
BASIL—Weaver, Jas. M.
BATAVIA—Carter, T. D.
Dustin, D. G. & Sons
BELLAIRE—Anderson & McGregor Co.
Kern, Andrew (Slate & Metal)
Lowe, H. J.
Zweig, John
BELLE CENTER—Ohio Steel Roofing & Mfg. Co.
BELLEFONTAINE—Doll & Whitcomb
More, F. O. & Son (Slate, Metal & Comp.)
BELLVILLE—Dougherty, J. M.
BELLEVUE—Decker, Roland B.
Miller, R. H.
BEREA—Elmore, Chas.
Shumway, C. D.
BERLIN—Seeman, Wm.
BETHEL—Armour, Jno. A.
Davis & Hibbetts
BEVERLY—Newlin, J. H.
BLANCHESTER—Hampton & Gustin
BLUFFTON—Fett, John
Scheid, Theo. G.
BOND HILL—Jenny, Wm. M.
BOLIVAR—Lash, D. F.
BOWERSTOWN—Boor & Hammill
BOWLING GREEN—Allen, Calvin Q.
Folk & Hosper
Golt & Son
BUCYRUS—Blair, E.
Jolly Bros. (Slate & Metal)
Picking, D. & Co. (Slate & Metal)
Walther, F. A.
CADIZ—Bryan, H. E. (Comp. & Gravel)
Lee, B. S. (Comp. & Gravel)
CAMBRIDGE—Brown, Jas. G.
Burgess Mfg. Co.
Cambridge Roofing Co. (Slate & Metal)
Hartley, W. H. & Sons (Slate & Metal)
Hyatt & Stephens
CANAL DOVER—Brucks & Krantz (Slate & Metal)
Rice, W. L. (Slate & Metal)
CANTON—Biechle, E. A. (Slate & Metal), 206 E 5th
Brubaker, J. H., 112 Cedar
Buckius, W. H., 425 W 7th
Bush, J. F., 721 E Tus.
Cappell, H. W., 1214 W 5th
Fife Bros. Co. (Slate, Gravel & Metal), 212 E 8th
Keefauver, H. A., 739 Marion
Lash, A. J., 823 S Market
Mallory, R. E. (Slate & Metal), 906 Spring
Motz, L. S., 1902 Navarre
Peter, W. C., 907 S Market
Piper, F. R., 120 S Walnut
Reemsnyder, Jno. A. (Slate, etc.), 209 W 4th
Rex, Charles A., 337 E Tuscarawas
Rex, Edw. J., 332 S Market
Spangler Roofing Co., 312 Pine
Wernet, H. A., 120 Mahoning.
Yost, L. P. D., 201 S Cleveland
CARTHAGE—Knapp, Frank M.
CELINA—Feldheiser & Bryson
Nungester Hardware Co.
Spornhauer, Chas. & Co.
CHAGRIN FALLS—Lines, W. H. & Sons
Robens & Pelton
CHARDON—Parks & Barker
CHICAGO—Sennett, O. F. (Slate)
CHILLICOTHE—Eberle, Jno. J.
Kellhofer, Jno. (Slate & Metal), 75 N Paint
McNeilus, Wm. A. (Slate & Metal), 95 E 2d
CINCINNATI—Ahrens, Wm. F., 918 Mound
American Felt Roofing Co. (Comp.), 220 Post Square
Andler, Adam (Slate, Metal & Tile), Highland av & Stetson
Arndt, Robt. L., 2650 Western av
Avril, Ferd., 2871 Colerain av
Beckman, Wm., 1543 Race
Beckman & Co., 953 Garfield av
Biermann, M. (Slate & Metal), 3244 Jeff'n av
Blum, Albert (Slate & Metal), 2810 Woodburn av
Boesch, Victor P., 2432 Eastern av
Brandis Bros. (Slate & Metal), 3144 Reading rd
Breese, J. E. & Bro., 405 Central av
Brockmann & Schuessler (Slate, Tile & Metal), 306 W 3d
Brophy, John L. (Galvanized Iron), 25 W Canal
Carey, Philip Mfg. Co., 405 Central av
Cincinnati Roofing Co. (Asphalt & Gravel), 1518 Gest
Corryville Cornice & Roofing Co., 3205 Jeff'n av
Curtis & Co. (Slate, Metal, Gravel, Asphalt, etc.), Post Square
Dawson, J. G., 409 Carlisle
Dapper, Jno., 2591 Eastern av
Dearking, Fred W. (Slate & Metal), 3822 Glenway av
Deck, G. H., 913 Vine
Dirr, George L. & Son (Slate & Metal), 4014 Glenway av
Dieckmann, Edw., 1774 Weber
Dieckmann, Jas., 1208 Linn
Duecker, Wm., 4144 Hamilton av
Eble, Chas., 1802 Vine
Eckel, Geo., 526 E Pearl
Edwards Mfg. Co., 117 Sycamore
Emmers Cornice Co., 1007 B'way
Fahnle & Dietrich, 537 Oliver
Farwick, Jno. H., 123 W Court
Felix, John, 1332 Baymiller
Felix, William, 1611 Western av
Fetschan, Constantine, 2104 Ravine
Fetschan, Thos., 4044 Hamilton av
Fisher, Philip, 1066 Central av
Fisher, Wm. G. Mfg. Co., 109 Church pl
Fogarty, Frank & Co., 332 E Pearl
Fox, Wm. H., 2450 Gilbert av
Frank, Andrew, 1932 Gest
Freund, Jacob Roofing Co. (Slate, Metal & Tile), Mitchell av & B. & O. S. W. Ry.
Friedrich, Frank, 1912 Vine
Fritsche, Wm., 2114 W 6th
Fuchs, Gerhard, 1209 Harrison av
Genasco Roofing Co., Traction bldg
Germann, Alex. E., 619 College
Getchell, S. D. Co. (Asphalt & Gravel), 1109 Gilbert av

GILMAN SNOW GUARD
103 Merrimac, Boston, Mass. (See adv. index, end of book)

Gladen, Mrs. L. & Son, 637 E Pearl
Globe Iron Roofing & Corrugating Co., P. O. Box 734
Globe Paint & Roofing Co., 232 W 8th
Goosman, J. & C., 1628 Race
Grabo, August, 1527 Cutter
Greiwe, E. & Bro. (Slate & Metal), 1128 Broadway
Grueninger, Louis, S E c Court & Freeman av
Gusweiler, Abram R., 835 Findlay
Hader, Andreas, 3232 Harrison av
Harford, M., 418 Butler
Harkness & Towler (Asphalt, etc.), 1664 Providence
Hauck, Michael (Slate & Metal), 14 E 13th
Hirt, Fred, 124 Findlay
Herbert, H. L., 1333 Linn
Huelsman & Moore, 134 Opera pl
Hyndman Steel Roofing Co., 320 E 2d
Imbus, Henry, 417 W 5th
Jansen, John F., 2140 Gilbert av
Kary, M. R., 617 Broadway
Kearney, James T., 940 Linn
Keller, L. E., 3811 Spring Grove av
Kiechler Mfg. Co. (Metal & Slate), Linn, Armory av & Clinton
Kline, Martin, 1050 Central av
Klinkenberg, O. A., 3480 Reading rd
Kobmann, Charles (Slate & Metal), 1919 Central av
Koebele, Jacob, 1452 Harrison av
Konsheim, Henry, 22 E University av
Kopelent, Henry (Slate & Metal), 2723 Vine
Korb, John P., 3203 Harrison av
Kruckmeyer, Louis, 1501 Vine
Kuhlmann, George, 1115 Main
Lalley, Michael, 216 Elm
Lee, Thos. (Slate, Tin & Tile), 130 W 2d
Lemon, W. A., 947 W 8th
Lindemann, Aug. E. (Slate & Metal), 2620 Vine
Loesch, Fred, 2138 Central av
Maisel, John W., 13 W McMicken av
Markland, T. T., 3100 Woodburn av
Meyer, Edw. & Co., Elm & Green
Mudd, Wm. R., 204 15th
Neabrey, John H. (Slate & Metal), 637 W Court
Noll, Geo. A., 1186 Harrison av
Opp, Fred., 911 Baymiller
Opp, John, 739 State av
Osborn, S. J., Jr., & Co. (Asphalt & Comp.), Pearl & Eggleston av
Peal, Simon, 933 W Liberty
Pfau Bros., 231 W 5th
Piker, Isaac, 712 W 5th
Piker, Samuel, 682 W 5th
Pilger, J. S., 1507 Central av
Porter Iron Roofing & Corrugating Co., 27 W Front
Preston, Alfred, 2716 Alms pl
Preston, George, 1201 Myrtle av
Queen City Exhaust & Blow Pipe Co., 1732 Central
Rectanus, Mrs. R. P., 1425 Main
Reeder, John S., Union Trust bldg
Reich, Joseph, 800 W 7th
Roseboom, J. G., 746 Betts
Rumels & McGranahan, 664 Freeman av
Saile & Holst, 522 W 5th
Scheg, Mrs. Amanda, 2311 W 8th
Schmidt, Louis, 1215 Central av
Schneider, F. W., 418 E 2d
Scholle, Chas. H., 2611 Cook
Schultz, Henry, 1432 Sycamore
Scott & Co., 234 E Front
Segal, Samuel, 630 Mound
Shaw & Stechow, 811 Central av
Singleton, Ruffner & Co. (Asphalt & Gravel, etc.), 8th & Plum
Smith, J. S., 612 W 5th
Smyrl, R. J., 308 E 5th
Sosinsky, Anton, 264 W McMiken av
Spatz, Wm. C. (Slate & Metal), c Powers & Tozzer

Standard Roofing Co., 1662 Providence
Sweeney, Jeremiah A. & Co., 829 W 5th
Taylor, A. P., c Burnet av & Hickory
Thoben, William, 1721 Elm
Thompson, Clifford H., 222 Tennyson
Toon, H. W., 3484 Reading rd
Trinidad Asphalt Roofing Co., 215 W 3d
Verges, F. F. (Slate & Metal), 2543 Vine
Victor & Grams, 1809 Queen City av
Weigel, John (Slate & Metal), 634 E McMillan
Weissenberger, George K. (Slate, Tile & Metal), 4004 Spring Grove av
Wessling, Jno. D., 1317 Central av
Weyler, Frank, Jr., 719 Donnersberger
Wheeler, Otto B., 313 E 3d
Wietlisbach, Alois, 1810 Linn
Witt Cornice Co. (Slate, Tile & Metal), 8th & Broadway
Witt & Brown (Slate, Metal & Tile), 215 W 3d
Wolf & Ort, 228 Post Square
Zoller, Fred., 1732 Central av
Zoller, Louis, Jr., 1512 Harrison av
Zschau, Ernst, 1126 Gest

CIRCLEVILLE—Crist Bros. (Slate & Metal)
Hoffman, Brown & Wilson (Slate & Metal)
McMullen, G. J. & Son (Slate & Metal)

CLEVELAND—Beck, Wm. E., 79 River
Bevington, Harry F., 37 Wade Park av
Brennan, Thos. J., 576 Central av
Breuer, Peter J., (Gravel, etc.), 47 Hamlet
Bringman, Chas. H., 203 Crawford rd
Broadfield, John E., Leuer av (Glenville)
Brown, David (Comp. & Slate), 12 Howe
Buell & Frantz, 1224 Euclid av
Callaghan, J. & Sons (Slate & Metal), 623 Superior
Carroll, Charles E., 194 Melrose av
Chicaco-Cleveland Car Roofing Co., Hickok bldg Detroit
Cleveland Metal Roofing & Ceiling Co., 393
Complete Mfg. Co., 26 S Water
Dailey, Jesse V., 140 Quincy
Dettelbach Plumbing & Heating Co., 515 Woodland av
Drake & Wiers Co. (Asphalt, Car), 17 Blackstone bldg
Duffner, Gordian, 927 Lorain
Eucher, Jno. C., 962 Woodland av
Feder, Samuel, 921 Central av
Ferris & Calhoon, 2846 St. Clair, Glnvle
Fisk, David, 1340 Zoeter av
Forest City Roofing Co. (Comp.), Citizens' bldg
French, Sylvester A., 1105 Woodland av
Fuerst, J. E. & Co., 50 Sheriff
Garry Iron & Steel Co., Coe & Lake
Genasco Roofing Co. (Asphalt, Comp., Gravel, Slag or Tile), Society for Savings bldg
Gnuschke, Gustave F., 411 Kinsman
Gorris, Henry, 500 Scovill av
Gorsuch, Thomas M. (Comp., etc.), 55 James
Gottfield, Isadore, 9 Frankfort
Gould, Lee H. & Co., The Arcade
Grodell, George (Gravel), 51 Brown
Gunton, Wm., 2856 St. Clair, Glnvle
Halter, Jacob, 43 Jennings
Haskins, John H. Roofing Co. (Tar, Felt & Gravel), 227 Rhodes av
Hippler, Albert, 1601 Lorain
Hogen, F. G. Co., 15 Craw av
Holz, Theodore, 684 Lorain
Hundertmark, Wm. L., 11 McLean
Huntingdon, Henry J. (Comp. & Slate), 588 Superior
Huntingdon, H. & Son (Asphalt, Gravel, etc.), "The Arcade"
Hussy, Philip B., 1115 St. Clair
Johnson, Jas. M., 545 Quincy
Kain & Tack, 15 Bright
Katz, Jos., 1539 Superior
Katz, Victor, 254 Orange
Kiefer, Frederick, 102 Hodge av
Korner, Conrad J., 323 Humboldt
Lansky, Vincent, 73 Kurtz ct
Lockwood, Stephen A., 256 Willson av
Mannen & Esterly, 811 St. Clair
Marks, F. L., 573 Pearl
Matheis Bros., 1444 Woodland av
Mayer, Joseph, 122 Mechanic
Middlestead, Edw., 677 Quincy
Moore & Kinsner, 1062 E Madison av
Murphy & O'Brien, 772 Detroit
Niles Iron & Steel Roofing Co., Citizens' bldg
Norton Bros. (Gravel), 38 Geneva
Opre, Wm. M. (Slate & Metal), 2753 B'way
Orkin Bros., 370 Woodland av
Parish & Bingham Co., Hamilton nr Coe
Paul, Richard, 6 Long
Parsons, Jas. J., 10 Long
Pinney, Ovid L., 72 Burton av, Glnvle
Potter, Geo. J., 462 E Prospect
Potter, Frank M., 2293 Euclid av
Pyleck, F. K., 1246 Central av
Rabsik, Jos., 892 Tod
Rendall & Miller, 1511 Cedar av
Riester & Thesmacher Co., 679 Pearl
Roberts & Lindall, 90 Mather
Rudolph & Son Co. (Slate, Gravel & Metal), 35 Michigan
Rutherford, Geo. A. Co. (Shingle & Felt), 40 Sheriff
Sanders, Nicholas, 400 Lincoln av
Schadowski, August, 171 Vega av
Schlegel, Emil C. & Son 22 Bartlett ct
Schorndorfer Hardware Co., 1437 Woodland av
Shackleton Co. (Slate & Metal & Tile), 171 Prospect
Shapiro, Isaac, 223 B'way
Sheahan & Schroeder, 623 St. Clair
Smith, Wm. J. (Slate & Metal), 93 Sawtell av
Snyder, Wm. J., 349 Bridge
Sommers, Chas. A., 210 Streator av
Stran, C. W. (Slate & Metal), 116 Erie
Tlapa, John, 166 Croton
Thompson, Herbert A., 362 Wade Park av
Tietjen, John H. (Gravel), 992 Clark av
Towson, E. H. (Slate & Metal), 1057 1st av
Tyler, E. W., 2700 B'way
Uhl, Wm., 250 Beech
Vandas, Albert J., 1166 B'way
Vaincourt, David D., 211 Pearl
Walther, John, 289 Central av
Wasserstrom, Saml., 178 Woodland av
Waulker & Rueter, 342 Tod
Wehe, John, 58 Louis
Wendorff, Louis, 38 Woodland av
White, Amos A. (Gravel, etc.), 396 St. Clair
White, John H., 34 Kinsman
Wiese, Frederick A., 325 W Madison av
Wilke, Wm., 1082 Payne av
Yahraus, John, 1113 B'way

COLDWATER—Wapelhorst, Hy.

COLLEGE CORNEH—Weidner, G. G.

COLLINWOOD—Collinwood Hdw. Co.
Skinner & Richards Co.

COLUMBIANA—Beard, John

COLUMBUS—Alter, Ralph, 866 Parsons av
Bailey, Frank M., 2590 N Parsons av
Bishop, Jones & Co., 180 S High
Bohnert, J. P. (General), 1184 W Broad
Bohnert, M. J., 1809 Parsons av
Born, D. P., 1296 S High
Bradshaw, A. L., 207 E Long
Buckeye Stamping Co., 183 E 3d av
Calkins, W. R. & Sons, 752 E Long
Central Supply & Construction Co. (General), 306 N High
Consolidated Roofing Works (General), Spring cor Dennison av
Cussins & Fearn, 653 W Broad
Daeumler, Geo., 573 S High
Ewers, Thos. (General), Spring & Dennison
Ferris, W. B., 71 E State
Haberling, Chas., 242 E Long
Hirschmann Bros., 411 S Pearl
Hoffman, A., 134 S Front
Hucle, J. B., 732 N High
Janeway Tin Co., 161 N Lazelle
Kaefer, J. F., 306 E Main
Kaiser, Andw. (Slate & Metal), 890 N High
Kaiser, G. H., 123 E Chestnut
Kerins, Andw., 43 E Lynn
Killets, J. F., 1151 N High
King, H. N. (Slate & Metal), 974 N Broad
Knell, Philip (Slate & Metal), 344 S 4th
Knox, Jos. J. Lumber Co. (Ruberoid), Cleveland av & Buckingham
Kromer, P. F. (General), 164 W Mound
Lamneck, Ward & Co., 1095 Mt. Vernon av
McCoy & Skinner, 1245 N High
Miller & Case, 416 W Goodale
Ochs, G. W. (Slate & Metal), 471 Oakwood
Palmer, Chas. J. (General), 75 W Lynn
Pritchard, Dow, 351 St. Clair
Reither, Edw. A., 837 S Front
Riddle & Son, 893 N High
Schilling, Jno. A. (Slate, Metal & Comp.), 193 N Grant
Schipper, Jno., 760 E Mound
Schoedinger, F. O. (Slate, Tile & Metal), 61 E Long
Schwartz, Morris, 346 E Livingston av
Shaffer Roofing Co. (General), 431 W State
Snyder, Geo. & Son (General), 163 N 9th
South Side Lumber Co. (Ruberoid), 1929 S High
Spohn, Valentine, 177 S Pearl
Stiles, S. T., 456 E Livingston av
Tobin, Jas. J., 53 W Walnut
Vulcanite Paving & Construction Co., 403 Mosette av
Zimmerer Bros., 641 S 3d

CONNEAUT—Arther, George T.
Van Tassel, L. D.

COSHOCTON—Coe, Benj.
Feasley, W. F.
Reed, E. R.
Shrake, G. W.

CRESTLINE—Holcker, R. & H. (Slate & Metal)

CUYAHOGA FALLS—Loomis, L. W. Hdw. Co.

DAMASCUS—Dalzell, O. V.

DAYTON—Baker, John R. (Tin & Slate), 631 W Wtsh'n
Boulie, John L., 22 S Williams
Boyd, Thos. J., S W c 1st & Sears
Bretch, A. (Slate & Metal), 126 E 5th
Bryant, E. G. (Tin & Slate), 51 E Xenia av
Buckeye Cornice Works (Tin & Slate), 609 W Wash'n
Bussdicker, Fred. (Slate & Metal), 1619 E 3d
Buvinger, G. W. & E. E. (Slate, Metal & Tile), 323 E 3d
Callahan, Henry (Slate & Metal), 23 W 2d
Carroll, D. & Son, 1348 W 3d
Conley, Jas. E. & Co. (Asphalt & Felt), 15 N St. Clair
Couch, R. L. (Slate & Metal), 1530 W 3d
Dayton Asphalt Roofing & Paving Co. (Asphalt, Felt, Gravel, etc.), 14 S Canal
Dayton Felt Roofing Co. (Felt, Pitch & Gravel), 601 E 5th
Fox, Chas. F. (Tin & Slate), 22 W 5th
Franz, Chas. H., W S Winter, nr Dakota
Franz, F. W. (Slate & Metal), 630 S Jefferson
Fromm, O. F. (Iron, Tin & Slate), 401 N Main
Hemberger & Vanbel (Tin & Slate), 850 S Brown
Hoersting & Holtmann (Iron), 1124 W 3d
Jungclas, August (Slate & Metal), 609 W Wash'n
Kenney, Jno. R. (Slate & Tin), 251 S W Wayne
Kline, Jas. E. (Slate & Metal), 1430 S Wayne av
McLardie, Chas. N. (Tin & Slate), 415 E 5th
Miller, Wm. E., 17 N Madison
Nicholas, Grant W. (Tin & Slate), 1011 W Wash'n
Oblinger, Wilbur C., 152 E Park
Recher, M. C., 30 S Jeff
Reese, Jno., 36 E 2d
Rieck, H. F., 506 S Wayne av
Santo, Herman (Tin & Slate), 550 E Xenia av
Schlereth, Edw. & Co. (Tin & Slate), 833 E Xenia av
Scott, Alfred M., 2249 E 3d
Shonk, David N. (Slate & Metal), 528 S Williams
Soehner, Herman, 112 S Jefferson
Sullivan Bros., N S Xenia Pike, E of Smithville rd
Sullivan, Geo. E., 1925 E 5th
Sweetman, Christ. (Asphalt), 54 S Bank
Walker, Edw. W., 540 N Keowee
Winter, G. W., 531 N Williams
Wuichet, Chas. & Co. (Slate, Metal & Tile), 14 S Canal

DEFIANCE—Jones, Wm. M. (Gravel)
Kehnast, Wm. A. Co.
Krull, Herman
Mallet, J. G.
Sass, Henry C. (Slate & Metal)
Torrence, Chas.

DELAWARE—Clingen, J. A. (Slate & Metal)
Heikes, C. M.
Karl, F. B.

DELHI—Schwinderman, Frank (Slate & Metal)

DELPHOS—Delphos Hdw. Co.

DENNISON—Haas, G. D.

E. LEWISTON—Blosser, Henry

E. LIVERPOOL—Allen & Crites
Watson, A. A.

E. PALESTINE—Whittenberger, J. H.

ELMWOOD PLACE—Krais, Henry & Co.

ELYRIA—Elyria Hdw. Co. (Slate & Gravel)
Fitch & Hornung (Slate)
Heldmeyer Hdw. Co.
Whitney, E. F. & Son

FAYETTE—Russell, Chas. H.

FINDLEY—Brewster, F. P. (Slate & Metal)
Fiscus, W. J.

Halliwell, O. B.
Hoffman & Bryan (Slate & Metal)
Marvin, H. M.
Porch, J. C. (Slate & Metal)
FOREST—Young, J. W. & T. M.
FOSTORIA—Baker, W. E.
Ballmer, D. R.
Hessey, T. J.
Newson, Jas. L.
Rollins, S. A.
Stewart Hdw. Co.
FRANKFORT—Briggs, R. W.
FREMONT—Gast & Lang
Shoupe, E. M.
Swint & Reineck
Winters Bros.
GALION—Burgert & Bannister
Resch & Casey
Zimmerman & Eise
GALLIPOLIS—Lawson, Mrs. L. M.
Leeper, Chas. W.
Rue, Jno. C.
GLENDALE—Dollman, J. W. (Slate & Metal)
Schatzman, P. & Son (Slate & Metal)
GLENVILLE—Ferris & Calhoun
GREENFIELD—Cox, T. E.
Langley, Geo. W.
GREENVILLE—Hartzell, H. P. (Slate & Metal)
Humphrey, R. T. (Slate)
Rehling, Fred.
Smith, O. H.
Wolf & Craig
GREENWICH—Viers, J. L.
HAMILTON—Bast, Geo. (Slate & Metal), 151 N 3d
Becker, Jno. L.
Ehrhardt, Wm., 110 Main
Ferber, Jos. & Bro.
Held, Philip & Son (Slate, Metal & Gravel), 125 S 3d
Matthias Stove Co., 33 Main
Moebus, Edw. C.
Schaub. L. B.
Schlosser, Jacob, 207 Court
Walker, Jno. L.
Zschau, A. E. (Slate, Metal, Gravel & Asbestos), 326 Canal
HARTWELL—Kleespies, C. J. (Slate & Metal)
HILLSBORO—Brown, P. E.
Conrad, F. L.
Mauntel, Geo. O.
IRONTON—Fillgrove, L. A. (Slate & Metal)
Ironton Roofing & Corrugating Co.
Miller, Chas. F. (Slate & Metal)
Scherer, Mrs. Constantine (Slate & Metal)
Turnbull, J. T. (Slate & Metal)
KENT—Reed, C. R.
KENTON—Burkart, Jno. Slate)
Fink, Jno. & Son
Held, P. B., 207 W Columbia
Oglesbee, E. C.
Shectala, J. A., 211 W Franklin
LANCASTER—Baumeister, Jno. H.
Gardiner & Hughes (Slate, Iron, Steel & Tin)
McMananey, Jas. (Slate, Iron, Steel & Tin)
LEBANON—Greathouse, W. E.
LEETONIA—Groner, S. S.
LIMA—DuGray, Edwin J., 450 S Main
Elliott, E. J., 243 N Charles
Francis, Hugh, 226 S Main
Harman, Frank E., 215 S Main
National Cornice Co. (Slate & Metal), 121 E High
National Tile Roofing Co.
Roush, J. E., 145 S Main
Roush, Theo., 117 E North
Smith, W. A. (Slate, Asbestos & Metal), 212 S Main
LISBON—Armstrong, P. M. & Co.
Briggs & Morrow
Hollinger Bros.
Whitacre, Jno. (Slate)
LOCKLAND—Dauterich, E. (Slate & Metal)
LOGAN—Work Bros.
LONDON—Speasmaker, P. Sons
LORAIN—Alten, N. C. (Slate & Metal)
Lorain Hdw. Co. (Metal & Slate)
LOUDONVILLE—Lepold, A. B. (Slate & Metal)
Marks, W. M. (Slate & Metal)
Miller's, L. S. Store (Slate & Metal)
LOUISVILLE—Bauman, G. F.
Bowen, Josiah & Son (Slate & Metal)
Bowen, Wm.
LYNCHBURG—Murphy Bros.
McARTHUR—Lantz, J. M.
MADISONVILLE—Blaney, U. G. (Slate & Metal)
Redman Bros. (Slate & Metal)
MALTA—Mellor, J. E.
MALVERN—Hoffman, Monroe
Lewis, W. C.
MANCHESTER—Kirschner, F. V. & Co.
Lang Bros.
MANSFIELD—Blymyer Bros. Co.
Crouse, F. & Son
Harris, Geo. S. & Son (Slate & Metal)
Harris, John
Hoffman, Chas. (Slate & Metal)
Martin, C. E. & Bro. (Slate & Metal)
Runyon, C. C. & Son (Slate & Metal)
MARIETTA—Clarke & Hyde
Hall & Lusk
Meagle & Theabolt
Seyler Hardware Co.
Theis, H. P.
MARION—Frye, W. E.
Heldman, Oliver
Romoser, C. W. (Slate & Metal)
Saiter, F. R. (Slate, Metal & Comp.)
MARSHALLVILLE—Weimer Bros.
MARTIN'S FERRY—Bayliss, J. A. & Bro.
Koershen, M. E.
MARYSVILLE—Church Bros. & Weld (Slate, Gravel & Comp.)
Emmert, Conrad & Co.
Scott, O. M. & Bro. (Slate)
Turner, Richard
MASSILLON—Critchfield & Son
Koontz, F. L.
Oberlin, Chas. E.
Paul, A. J.
Portman, A. F. (Slate)
MAUMEE—Blaker, Geo. H. (Tin & Metal)
Myers Hdw. Co. (Slate, Metal, etc.)
MECHANICSBURG—Sivey & Hull
MEDINA—Oatman Bros. (Slate & Gravel)
MIAMISBURG—Schell & Pansing
Treon & Cade
MIDDLEFIELD—Boorn, Ira
MIDDLEPORT—Root & Green
Tewkesberry, G. W.
MIDDLETOWN—Fouts, C. C. (Slate & Metal)
Jacoby Hardware Co.
MILAN—Croft, Richard
MILLERSBURG—Fitch, John
Helmuth, G. B. (Slate)
Hinkle, Geo. E. (Slate)
Hinkle, Jas. O. (Slate)
Kauffman, D. J.
Shoup, Calvin C.
MINERVA—Gallatin, G. W.
MINSTER—Kramer & Haverbeck
MT. EATON—Schlafley, S. A.
MT. GILEAD—Holt & Buxton
Hull, Wm.
Talmage Bros.
MT. HEALTHY—Fink, Jacob (Slate & Metal)
Jackson, Jos. E. (Slate & Metal)
MT. VERNON—Bird Bros. (Slate & Metal)
Rowley, A. F. & Son
Wolf, Chas. R.
NAPOLEON—Coover, W. G.
Hines & Son
NEWARK—Bailey & Keeley (Slate & Metal)
Jones, J. C.
Kammerer. C. N.
NEW PHILADELPHIA—Koons, H. G. (Slate & Metal)
Lehman, Jacob
Taylor, O. P. & Son
Zellner Co. (Slate & Metal)
NILES—Eaton, J. W. (Slate & Metal)
Head, F. L. & Co. (Slate & Metal)
Niles Plumbing & Heating Co. (Slate & Metal)
Union Roofing & Supply Co.
NORWALK—Gfell & Bailey
NORWOOD—Braun, A. & Co.
Grabuth, Frank
Hopkins, L. P.
OTTAWA—Frey, E. L.
Jenkins, D. R.
Schierloh, C. A.
PIQUA—Heidle, Geo.
Kienle, Hy.
Lee, Geo. E. (Slate & Metal)
Lentz, W. F. (Slate & Metal)
Racine, Edw. C.
PLYMOUTH—Becker, F. L.
POMEROY—Prall, D. M.
Remington, B. R.
Skinner Hardware Co.
Williamson, Mrs. Jno. M.
PORT CLINTON—Mizener & Orth
PORTSMOUTH—Arnold, Aug. (Slate & Metal)
Conroy, Thos.
Glockner, F. A.
Haney, W. S.
Hook, Frank
Lauter, Louis
Roth, Valentine
Walters, Jos.
RAVENNA—Beckley, C. A. (Est. of)
Dodge, L. C. & Co.
Sanford, R. M.
Schulz, Henry (Slate)
READING—Hauser, John V. (Slate & Metal)
ROSEVILLE—Zehrung, S. P.
ST. BERNARD—Waltermann, Jno.
SALEM—Ashead, Jas. M.
Carr, A. M. & Son (Comp.)
Forsythe, Peter (Slate & Metal)
Harris, Percy E. (Slate & Metal)
Salem Hdw. Co. (Slate & Metal)
Walton, J. L.
SANDUSKY—Beahrie & Hemmerle
Gundlach, Chas. W.
Matern, Henry
SCIO—Croghan, J. G.
Menkel, H. L.
SENECAVILLE—Brown & Lepage
SEVEN MILE—Hill R. & Son
SHANESVILLE—Smith, Jno.
SHAWNEE—Williams, Jno. E.
SHELBY—Armstrong & Raugh (Slate & Metal)
Seltzer, J. A. & Sons (Slate & Metal)
SHERODSVILLE—Williams, Mrs. M. A.
SIDNEY—Bayley, P. H. (Slate & Metal)
Rostron, Jas.
Stockstill, F. M.
SOMERSET—Yarnell, J. H. (Slate, Tin & Metal)
SOUTH CHARLESTON—Battin & Stoecklen (Slate & Metal)
SPENCER—Grissinger & Miller
Oakley, S. D.
SPENCERVILLE—Buehler, C. F.
McClain, A. W.
Pohlman, Chas. L.
SPRINGBORO—Hadley, J. W.
Thomas, J. S.
SPRINGFIELD—Ackerson. Edw. H. (Slate & Asphalt), 138 S Limestone
Bancroft, L., 80 S Yellow Springs
Blowers, S. H. & Sons
Dietzel, Edward, 80 E Main
Fisher, W. Frank B., 23 W College av
Fuhrman-Follrath Co.
Hauck, Chas. F. & Co., 35 W Main
Hendrickson & Petticrew, 30 N Fountain av
Hillerman, Wm. W., 72 S Greenmount av
Humphreys, J. A. (Slate & Metal), 66 S Limestone
Lafferty, S. J. & Sons
Parthemore, J. C., 24½ Primrose alley
Peet & Schuster Co. (Slate & Asphalt), 118 S Center
STEUBENVILLE—Bentz, W. K. (Metal)
Freshwater, R. H.
Linehan, C. E.
McMahon, P. F.
Morgan, Edward (Slate, Comp., etc.)
Mosel, F. W.
Yocum. F. M. (Slate, Comp., Gravel, etc.)
SULPHUR SPRINGS—Rader & Co.
SWANTON—Walsh, Jas.
SYCAMORE—Staum, Martha R.
Wagstaff, B.
TIFFIN—Bloom Paul P.
Bloom & Huff
Burke, John
Crobaugh & Dahm Hardware Co.
Ernest, G., 115 S Washn
Gundlach, A. W.
La Bar, J.
Smith, J., 60 Water
Strandler, P., 22 Syracuse
TIPPECANOE CITY—McClure, J. W.
TOLEDO—Albrecht, L. C. & Co., 1825 Spielbusch av
Arnold, J. L., 1207 Dorr
Cresswell, J. L. (Metal), Oliver House blk, cor B'way & Ottawa
Curran & Firth (Steel & Tin), 620 Monroe
Finn, Richard A., 36 22d
Frech, Jacob F., 559 Erie
Gerken, J. D. & Co., 1309 Wash'n
Hofer Bros. (Slate & Metal), ft Wash'n
Hoffman, Harpst & Co., 926 Cherry
Kloepping, A. C., 509 Dorr
Kloeppinger, G. F. C. (Slate, Metal, etc.), 130 Ottawa
Krauter, J. F., 2019 Adams
Loeffler & Christen, 1210 Cherry
Meier, Ernest T., 311 City Park av
Miller, Chas. F. (Slate & Metal), 3246 Monroe
Neipp, Jno. W. (General), 504 Dorr
Ramler, M. J. & Son, 236 Erie
Sabin Bros. (Steel & Tin), W. S. Smead av, 1 n of Monroe
Scharer, J. H., 2025 Canton av
Schillinger Bros. Co. (Gravel & Asphalt), c City Park & Hamilton
Showell & Co., 432 Summit
Shuman, A. D., 626 Western av
Toledo Cornice & Copper Works (Metal & Slate), 130 Ottawa
United States Roofing Co. (Asphalt, Felt, Gravel, Tin, etc.), Gardner bldg
Wilhelm, F. J., 1104 Monroe
Wortsmith, Frank, 415 Huron

TORONTO—Allison, Wm. E. (Slate)
Boswell, S. (Slate & Metal)
Brown, L. H. (Slate & Metal)
TROY—Coles, Schaible & Smith
Cosley, H. A.
Hatfield & Scott
Oblinger, J. W.
UHRICHSVILLE—Hanlin, Frank
Leffler & Roby (Slate & Metal)
Smith, Leslie
URBANA—McCracken, J. C. & Sons
WAPAKONETA—Foos & Wehner
Kolter, F. E. & Son
Meyers, Julius
Schemmel & Matlehner
Schmink, August
WARREN—Boorn, E. C.
Browning Bros.
Fox & Schier (Slate & Metal)
Sutcliffe, A. J.
Warren Hdw. Co.
WASHINGTON, C. H.—Allen, Chas.
Wilson, Jno. W. & Co. (Slate & Metal)
WASHINGTONVILLE—Gilbert, J. E.
WAUSEON—Harper, W. J. & Son
WELLINGTON—Pierce, A. H.
Ransom & Buchman
WELLLSTON—Bingham, E. R.
Rupp, Geo. H.
Rupp, J. H.
WELLSVILLE—Cope Hardware Co.
Morrow, W. C. & Son (Slate)
Wellsville Hardware Co.
White, P. H. & Son
WILLOUGHBY—Yaxley, W. H. & Son
WILMINGTON—Palmer, D. K. (Metal & Slate)
WILMOT—Hurraw & Son
WOOSTER—Billman, S. H.
McClure & Co. (Slate & Metal)
Tieche, J. C. (Slate & Metal)
WYOMING—Kuhlman, Jno. B.
XENIA—Baldner & Fletcher
Henrie, C. C. (Slate & Metal)
Rayburn, Jas.
Scott, W. H. & Son
YOUNGSTOWN—Alexander, J., 2035 W Federal
Bell, R. A. & Co. (Slate & Metal), 631 W Federal
Blunt, Geo. (Slate & Metal), 502 Mahoning av
Blunt, Jno. (Slate & Metal), 216 E Federal
Dalzell Bros. (Slate), 21 Holmes
Davis, S. S., 259 W Federal
Goodge, R. E. (Slate & Metal), 21 S Walnut
Holzbach, R. F. & Co., 1673 Wilson av
Laughlin Bros. (Slate & Metal), 524 W Federal
Lawlor, Thos. J., 265 W Federal
Ludt, Jno. P. (Slate & Metal), 464 E Federal
Palmer, C. O. & Son, 99 McGuffey
Parry, W. J. (Slate & Metal), 24 Oak Hill
Perkins Bros., 2550 W Federal
Pettit, Myron (Slate & Metal), 248 E Boardman
Squire, Jno. R. (Slate & Metal), 353 E Wood
ZANESVILLE—Berkshire, T. C. & Son, 616 Main
Hanlon & Saup, 142 N 7th
Ludy, J. W.
McCormack, G. W. (Slate & Metal)
Maher & Co., 701 Elm
Marcellus, C. J. & Son, 211 Main
Nowell, W. B., 13 W Main
Seright & Webster
Snyder Roofing Co. (Slate, Metal & Asphalt)

OKLAHOMA TERRITORY.

ANADARKO—Stelzner, J. C. & Son
EL RENO—Chapman, Wm.
Hollister & Co.
ENID—Enid Plbg. Co.
GUTHRIE—Morris, F. L.
Power, W. F.
OKLAHOMA—Armstrong Hdw. Co.
Binns, Andy F.
Wallace, J. J. (General)
SHAWNEE—Lester, S. H.
Newman, Walter

OREGON.

ALBANY—Ludwig, Martin
Stewart & Sox Hdw. Co.
ASHLAND—Provost Bros.
ASTORIA—Montgomery, E. T.
Saltonstall, D.
Sculley, W. J.
Willett, S. H.
BAKER CITY—Basche-Sage Hardware Co.
Caldwell & Benton
BANDON—McNair, A.
BROWNSVILLE—Evans & Evans
COQUILLE—Lamb, J. A. & Co.
CORVALLIS—Huston, R. H.
Smith, J. R. & Co.
EUGENE—Aya & Son
Griffin Hardware Co.
GRANTS PASS—Coron, E.
HEPPNER—Gilliam & Bisbee
M'MINVILLE—Hodson, O. O.
MARSHFIELD—Milner, J. H.
Murphy, W. P.
MYRTLE POINT—Hueling, Lunday & Son
OREGON CITY—Gadke, F. C.
Pope & Co.
PORTLAND—Bayer, J. C. (Slate & Metal), 263 2d
Bohlman, H. C. & Son, 46 9th, N
Campbell, J. M. & Son, 368 Russell
Curry, A. W., 225 Grand av
Elaterite Roofing Co. (Elaterite), Worcester blk
Hogg, Wm. A., 996 Belmont
Losle, Jacob, 212 Jefferson
Meier, J. A., 265 Russell
Schulze Bros., 384 E Wash
Tilton Bros., 204 4th
Wynkoop, Wm. A., 248 Ash
SALEM—Barr, T. M. (Metal & Slate)
Burroughs & Fraser
Steiner & Berger
THE DALLES—Maier & Schanno
Mays & Crowe
Sexton & Walther

PENNSYLVANIA.

ADAMSTOWN—Schnader, Levi C.
AKRON—Kemper, George A.
ALBURTIS—Trexlar, Charles P.
ALLEGHENY—Barnes, Thos. C., 1234 Monterey
Beck Bros., 1702 Lowrie
Cupps, John, 1940 East
Gauger, A. C., 613 Jackson
Gehb, John, 1272 Ridge av
Gierl, A. C., 74 Spg Garden
Haertel, Theo., 2022 Beaver av
Hart, Walter J. (Gravel), 30 Robinson
Helt Bros. (Slate), Ellis & Perrysville avs
Helt, Geo. P. (Slate, Metal & Gravel), 323 Bellevue
Jacobs, Anthony, 1240 Franklin
Kemmer, Jacob, Shady av n Courtland
Kirk, Chas. H. (Tin), 1018 Beaver av
Knodell, W. H. (Slate), 510 E Diamond
McCaw, T. W. Roofing Co. (Gravel), 104 Erie, W A
McGarvey, Jno., 72 Taggart
McGraw's, J. A. Bros. (Gravel, etc.), 220 Sandusky
Myers, F. D. (Gravel), 105 Robinson, E A
Nimpfer, A. J. 42 Rhine
Pittsburg Heating & Roofing Co. (Slate, Metal & Gravel)
Reif, Henry, 7 Robinson
Retter, Frank (Tin), 1530 East
Rhein & Fortenbacher, 583 Ohio, E
Riemenschneider, Wm. C., 632 2d
Russian Mfg. Co. (Ltd.) (Gravel), 12 Federal
Scarborough Roofing Co. (Comp., Gravel, etc.), 1037 Ohio, E
Schmidt, A., Smithton av nr Grand av
Schmidt, Geo. P. & Co. (Slate), 1018 Ohio, E
Schnaufer Bros. (Gravel), 916 Gerst av
Scholes Bros., 1241 Rebecca
Schwartz, Herman, 3035 Stayton
Stemmler, Fred'k, 1809 Beaver av
Toland & Rickey, 1504 Fayette
Watkins, E. J. (Tin), 142 McClure av
Weaver, C. G. (Gravel), 2851 East
ALLENTOWN—Bernard, G. H., 45 N 7th
Best, J. A. & Co.
Egge, W. J., Jr., 549 N Fountain
Ettinger, C. H.
Hersh, F. Hardware Co., 829 Hamilton
Hertzog, Mrs. Fannie
Merkel, Wm. J., 810 Chew
Miller, Jacob, 15 N 6th
Neff, Wm. F., 34 N 7th
Roth, Daniel J., 40 N 2d
Swartz, Samuel, 17 N 2d
Vogel, Theo. P., 401 Gordon
Wieder & Co. (Gravel & Pitch)
Wieder & Herman
ALTOONA—England, I. M.
England, S. B., 1412 6th av
Garahan, P. F., 1104 16th
Giarth, J. H., 815 17th
Holliday, J. C.
Hughes, J. C. & Son, 906 8th av
Johnson, A. A., 1218 8th av
Kimmel, Philip
Kimmel, W. J.
Klesius, Geo. A., 609 12th
Neal, Geo. P. & Son
Peters, W. T. (Slate & Tile), 915 11th av
Pfannenschmidt, Henry (Slate), 2601 9th av
Smith & Hesser
Union Roofing Co. (Tile, Slate & Gravel), cor 11th av & 13th
Wilkinson, Lee A.
Woessner, Jno. G.
AMBLER—Reed, H. W. B.
ANNVILLE—Keller, S. F.
Smith, Jno. N.
APOLLO—Baxter, E. L.
Kennedy, H. G.
ARDMORE—Whelan, M. A.
ASHLAND—Barnard, C. H.
Buck, Peter E. & Sons
Lauer, Jno. J.
McConnell & Bro.
Morgan, Geo.
Stief, Herman
ASHLEY—Vincent, Wm. W. & Son
ATGLEN—Hennis, Jno. A.
ATHENS—Finch Bros.
Kinney, Geo. A.
AVALON—Baird, W. W.
AVOCA—Druffner, Christopher
Dunn, T. J.
Webber, George V.
AVONDALE—Thomas, Joshua
AVONMORE—Marten, H. F.
BAINBRIDGE—Hipple, H.
BALLY—Eddinger, Henry
BANGOR—Dutt Bros.
Houck, W. O.
Snyder, O. P.
BATH—Beer, Jacob F.
BEAVER—Lawrence, Jos. W. (Slate & Metal)
Simpson & Ingam
BEAVER FALLS—Barker, J. H.
Brierly, F. F., 7th av
Davidson, W. J. (Slate & Metal), 1210 7th av
Zeller, Henry W. (Slate & Tile), 1412 9th av
BEAVERTOWN—Snyder, W. G.
BECHTELSVILLE—Kehs, I. B.
BEDFORD—Shires, H. P.
BEDMINSTER—Lerch, Geo. W.
BELLEFONTE—Twitmire, W. T.
BELLE VERNON—Hasson, J. P.
BELLEVILLE—Utts, Hampton
BELLEVUE—Knell, Louis
BENNETT—Pretshold, Edw.
BENTON—Keller, Byron S.
BERWICK—George, O. W.
Laubach, H. C. & Son
BERWYN—Lobb, P. W.
BETHLEHEM—Bishop, A. S.
Krause, Henry A.
Lehigh Valley Cornice Works
Luchenbach, F. E. & Bro.
Miller, Stephen (Slate, Tile & Asphalt),
Schall, Fred J., West B
Schlosser, Jacob F., West B
Wagner, F. A.
BIRDSBORO—De Witt, August
Pautzman, J. M.
BLAIRSVILLE—Alter, F. M. (Slate & Metal)
Alter, J. O. (Slate & Metal)
Forsha Bros. (Slate, etc.)
Gibson, J. N.
Stiffey, S. D. & Sons
BLANCHARD—Clark, D. W.
BLANDON—Stoudt, J. Irwin
BLOOMSBURG—Hartman & Mendenhall
Holmes, W. O. & Son
Whary, L. E.
BOYERTOWN—Lefever, L. E.
BRADDOCK—Braddock Hdw. & Supply Co.
Edmunds & Williams (Slate & Tin), 811 Braddock av
Fulton & Maggini (Slate & Metal), 810 Braddock av
Loew, J. A. & Co. (Slate & Tin), 546 Braddock av
Schilling, Conrad, Jr. (Slate & Tin), 644 Corey av
Shirer, J. W. (Slate & Metal), 722 Wash'n av
BRADFORD—Bodine, Geo. A.
David, O. E.
Fox, Jas. B.
Griffith, W. H.
Haggerty, Marceus A.

BRIDGEPORT—Kalb, J. F.
BRISTOL—Bevan, Lewis J.
BROCKWAYVILLE—Bond & Cooper
BROOKVILLE—Blake, E. E. (Slate)
Henderson, Robt. L.
BRYN MAWR—Bryn Mawr Hdw. Co.
Morris, Joseph A.
BURGETTSTOWN—Conrad, Geo. H.
BUTLER—Barnard, C. H.
Biehl, Henry
Campbell, J. G. & W.
Gill, Mrs. Jessie
Hauck, J. R.
Stock, C.
Wilson, Wm. B.
CAMBRIDGE SPRINGS—Smith & Wilber
CAMPBELLTOWN—Johnson, W. B.
Whitman, A. M.
CANONSBURG—Elliott, W. J.
Van Eman, J. J. & Son (Slate & Gravel)
CANTON—Clayton, W. H.
Pierce, Theo.
CARBONDALE—Bell & Brown
Maldfeld, Geo.
Van Bergen & Co.
Vannan, Robt. M.
Von Beck Bros.
CARLISLE—Bixler, J. P. & Sons
Frederick & Co.
Fridley, Jacob
Morris & Riley
Rinesmith, Geo. W. & Sons
Wagner, E. E.
CARNEGIE—Coryell, J. P.
Lenfesty, T. M.
Rome, Geo. & Co.
Schultz, Jno. F. & Son
Thomas, Jno. C. (Slate)
CATASAUQUA—Schenck, R. J.
Schneider, Chas.
Schneller, G. W.
Schneller, Jno. P.
Souder, Henry J.
CENTRE SQUARE—Drakes, S. B.
CHAMBERSBURGH—Eyster, W. H.
Eyster & Snider
Hanks, Jared B.
Lay, Wilson F.
Miller, F. A.
CHARLEROI—Laird, J. F.
CHESTER—Armatige, Geo. L. (Slate, Metal & Gravel)
Beaumont, Wm., Jr.
Brackenbridge, Jas.
Doran, Jno. A.
Eisenbise & Bro. (Slate, Metal & Gravel)
Esey, S. J.
Fryer, James
Goodman, K. & Son
Howarth's, Robt. Sons (Slate, Metal & Gravel)
Ives, E. T.
McCarey, Edw.
Shea, Jas. F.
Turner, Sam'l C.
Ward, Hugh H.
CHESTNUT LEVEL—Weidley, Henry
CHRISTIANA—Donoghue, Geo. W.
CLAYSVILLE—Plants, C. C.
CLEARFIELD—Johnson, F. & Bro.
Kettelbarger Bros.
Powell & Bigler
CLIFTON HEIGHTS—Whelan, Timothy
COATESVILLE—Cordes, Hy. B.
Glauner. Jno. R.
Sallis, Wm. (Slate & Tile)
Speakman, John
COLLEGEVILLE—Hunsicker, A. K.
COLMAR—Clark, J. S.
COLUMBIA—Conley, Albert B.
Haug, Jacob
Snyder, S. S.
White, Thos. S.
Wilson, Hiram
CONNELLSVILLE—Fitzmeier & Co.
Munson Bros.
Skinner. J. B.
CONSHOHOCKEN—Messinger's, H. C. Sons
Sower & Campbell
COOPERSBURG—Fliehr & Eckert
COPLAY—Sieger, Elias
CORAOPOLIS—Engle, J. C. (Slate & Metal)
McBrier, G. W.
Moss, Jos.
CORRY—Barlow Hdw. Co. (Ltd.)
Guignon, H. A.
Guignon, L. E. & E. E.
COUDERSPORT—Olmstead & Stevens
Russell. W. P.
DANIELSVILLE—Hower, J. K.
DANVILLE—Foster Bros.
Hendricks, Geo. W.
Hixon, J.
DARBY—Appleton, A. N.
George, Harmon K.
Hewes, Harry
DELTA—Baker & Bro.
DONORA—Hodge, B. H. (Slate & Metal)
DOWNINGTOWN—Cummings, Jno. W.
Griffith & Wollerton
Stauffer, W. B.
DOYLESTOWN—Donnolly, John J.
Histand Bros. (Slate, Tin, Tile & Iron)
DU BOIS—Heilbrun, Henry
Hibner-Hoover Hardware Co. (Slate, Metal & Gravel)
Kuhn, G. H. & Co.
Prothero, F. W.
DUNMORE—Hughes, T. J.
Wheatcroft, Wm.
DUQUESNE—Heilman Bros.
Rannigan, Wm. & Co.
Thomas, G. E.
DUSHORE—Cole, Sam'l
Cunningham, Jas.
EAST BRADY—Blatt, V.
Wright, G. S.
EAST MANCH CHUNK—Bennyhoff, W. H.
Genshart, Geo. M.
EASTON—Bennett, H. H.
Fackenthal & Miller
Hallman, D. I.
Heller, A. F.
Kinsey, H. P.
Linden, J. N. (Slate), 100 N 4th
Mack, E. B., 410 Northampton
Meeker, L. R., 466 Northampton
Miller, H. R., 623 Northampton
Nagle, Stephen
Norton, H. M., 2d & Northampton
Osterstock, Jos. S., 212 Northampton
Schooley, H. C., 1126 Northampton
Schultz, John, 21 N 7th
Seybert, B. F., 1101 Butler
Young, A. G., 13 S 4th
E. STROUDSBURGH—Hallett, J. W. (Slate, Metal, Gravel & Comp.)
Lessig, Jos. H.
EDWARDSVILLE—Bryant, John
Jenkins, Jno. H.
ELDRED—Young, W. A.
ELIZABETH—Wylie Bros.
ELIZABETHVILLE—Hoke, Ira M.
Ziegler, Lewis H.
ELLWOOD CITY—Lenigan, J. W.
ELVERSON—Fox, Henry S.
EMAUS—Wieder, H. A.
EMLENTON—Bennett, Jas.
Shoemaker Bros.
Steffie, H. T.
Weller, J. A. & Sons
EMPORIUM—Murray & Coppersmith Co.
ERIE—Borchert, A.
Einhellig, J. A.
Erie Roofing Co. (Felt, Slate, Asbestos, etc.), 1310 Sassafras
Kretz, Jacob, 527 French
Loesel, Charles F., 211 E 18th
Miller, John, 617 W 18th
Murphy Bros. (Slate & Metal), 22 N Park
Patterson & Sterling (Slate & Metal), 12th & French
Rasttatter Bros., 1010 Parade
Ruland, J. S.
Sweigard, U. D., 424 W 19th
ETNA—Hartman, Charles A. Son & Co.
ETTERS—Shaffer, George F.
EVANS CITY—Dunbar, B. W.
Pfeiffer, D. W.
EVERETT—Gorsuch, Thomas V.
Herman, F. H. & Son
FACTORYVILLE—Connors, John
FLEETWOOD—Madeira, Levi
Schlegel, Wilson K.
FRACKVILLE—Haupt, D. P.
FRANCONIA—Auchy, B. W.
FRANKLIN—Elliott, James K.
Harding, Geo.
Lovell, S. A. & J. W.
FREDERICK—Knorr, Jno.
FREDERICKSBURG—Kirst, George W. & Son
FREEDOM—Overton, R. J.
FREELAND—Marchetti, Henry
FREEMANSBURG—Cole, O. V.
FREEPORT—Dougherty, Wilson
Wallace, E. H.
GALLITZIN—Buck, Jos. G.
GETTYSBURG—Gottwald, George G.
Smith, A. J.
Winebrenner, Thomas J.
GIRARDSVILLE—Griffiths, R.
Halbe, Frank
Horsewood, William
GLENFIELD—Friese, Charles
GLEN ROCK—Kraft, Albert W.
Lau, L. B.
GRATER'S FORD—Smith, R. S.
GREENSBURG—Howell, George W.
King, S. J.
Overly, W. F.
Temple & Sons
GREENVILLE—Bennett, E. F.
Dickey Bros.
McManus, L. A.
Neel, Jno.
GROVE CITY—Filer, W. H. (Slate & Metal)
Rhodes & Redmond
HALLSTEAD—Rogers, J. B.
HAMBURG—Egolf, B. F.
Rau Bros.
Romich, Allen J.
Seidel, R. F.
HANOVER—Bargelt, Lewis I.
Bixler, D. D. & Son
Rohrbaugh, John F.
Slagle, William A.
Wentz, B. M.
HARLEYSVILLE—Wolford, H. D.
HARRISBURG—Cleckner & Burke, 1226 N 3d
Ebert, William, 418 Kelly
Ensinger, S. D., 600 Race
Fager & Maeyer (Metal), 108 E Market
Fisher Bros., 1001 Capitol
Jauss, David F., 207 S 3d
Parthemore, L., 37 N 13th
Pennell, J. H., McClay st
Rebuck, J. M., 1849 Derry
Seabold, Harry O., 1307 N 3d
Towsen, T. F. (Slate)
Snook, W. H., 334 Keeper
Zollinger, G. J., 308 Blackberry
HARRISON VALLEY—Hubbard, C. G.
HATBORO—Butterworth & Fretz
HATFIELD—Reaser, F. H.
HAWLEY—Lieber, August K.
Mayer, Albert
HAZLETON—Barber, J. F & Co. (Slate & Metal)
Cohen, Jacob
Koehler, George G. & Son
Lapp, John, Jr.
Murphy, Daniel S.
Schmauch, N. J., 46 E Mine
Wagner, E. E. & Co.
HELLERTOWN—Fehr, F. L.
Ritter, Theo.
HOLLIDAYSBURG—Brenner, William
Jacobs, C. B. Son & Co.
Reed, J. H.
HOMESTEAD—Nebo Bros. (Slate & Metal)
Roberts, Jno. H.
Snyder, Louis B.
HONESDALE—Dodge & Erk
Spettigue, O. M.
Watts, Graham
HONEYBROOK—Anderson, A. M.
HUMMELSTOWN—Nye & Conard
Wolaver, H.
HUNTINGDON—Fink, B. F.
Hassenplug, William
Vaughan, F. C.
INDIANA—Alter, Charles A. (Slate)
Hamilton, George T.
Taylor, Alexander T.
INTERCOURSE—Rodgers Bros. & Leapman
IRWIN—Miller, S. B.
Shotts, E. P.
Smith, E. W.
JACOBUS—Fahs. Charles E.
JAMESTOWN—Robb, S. L.
JEANNETTE—Koerbel Bros.
McCormick, W. L.
JENKINTOWN—Fleck, W. C. & Bro.
JERMYN—Eagen, M. J.
JOHNSTOWN—Davies, R. E. (Slate)
Fenn, Wm. J.
Friedhoff & Mahaffey
Grafe, Jno. A.
Joy Bros., 234 Bedford
Sharp, J. C.
Sheets, Jno. F.
KANE—Crowell, Theodore
Hearst, Robert E.
KENNETT SQUARE—Martin & Sill
Stiner, William H.
Thomas, Charles
KINGSTON—Johnson, Harry F. & Sons
KIPPLE—Colestock, S. H. (Felt, etc.)
Lees, John W.
KITTANNING—Croll, Lee S.
Graham, A. W.
McConnell & Luker
McCullough, James, Jr.
KLECKNERSVILLE—Fehnel, John E.
Grayer, O. F.
KULPSVILLE—Kline, H. R.
KUTZTOWN—Smith, Joshua
LANCASTER—Arnold, John L. (Slate), 141 N Queen
Coulter, I. G., 24 E Vine
Cunningham, Jos. J.
Everts & Overdeer, 1 Howard av

Flinn & Brenenan, 150 N Queen
Lancaster Slate Roofing Co.
Long, Joseph, 402 E Orange
May, Cornelius F.
Penn Cornice & Roofing Co. (Slate & Metal), 40 E King
Sener, G. & Sons (Slate), 309 N Prince
Swartz, Harry B.
LANDISVILLE—Root, I. F. (Slate)
LANSDALE—Jenkins, Grant & Co.
Weingartner. C. S.
LANDSDOWNE—Nacey, John (Slate & Metal)
Worrell, William H.
LANSFORD—Davis, T. L.
Drumheller, Wallace
Hall, J. R. (Slate)
Zellner, C. F.
LATROBE—Carouthers, J. D.
Crawford, Chas.
Gardner, M.
Gregory Bros.
Houck & Son
LEBANON—Bower, A. H. (Slate)
Brooks, Chas. F.
Bressler, C. O. & Co.
Grumbein, J. E. Co.
Harter, W. (Slate)
McLaughlin, Charles A.
Redman, Hy. & Sons
Reinhard, T. H.
Reinhard, W. G.
Rise, William S.
Uhler & Kline
LEECHBURG—Leechburg Hdw. Co.
Smail & Hill
LEHIGHTON—Esch, George A.
Swartz Bros.
LEWISBURG—Cromley, William (Slate)
Wensel, W. N.
LEWISTOWN—Fichthorn, Joseph A.
Spangler Bros.
Zerbe, H. R.
LEWISVILLE—Ewing, George T.
LIMERICK—Hunsicker, C. T.
LINFIELD—Daub, H. L.
LIVERPOOL—Coffman, W.
Staily, H. B.
LOCK HAVEN—Baker & Co.
Bittner, G. W.
Fickenscher, Frederick (Est. of)
Fredericks, J. H. & Bro.
Geary, M. P.
LUZERNE—Roberts, Evan W. (Slate)
Snyder, John T.
McKEESPORT—Bestwick, Jacob (Slate & Metal), Blackberry av
Exner, W. H.
Hartman Hardware Co., 215 5th av
Kemp, Jas. F. & Bro.
McKeesport Composition Roofing Co.
McKeesport Plbg. & Roofing Co.
Myers, Jacob, 910 Jenny Lind
Peterson, G. E.
McKEE'S ROCKS—Smith, Hy. J.
McKNIGHTSTOWN—Winebenner, Chas. D.
MACUNGIE—Desh, Milton
MAHAFFEY—Wrigley Hdw. Co.
MAHANOY CITY—Heiser, H. J. & Co.
Koch, Thomas J. (Slate)
Larkin Bros.
Leahy, Thomas F.
Morgan, William
Stokes, Geo. S.
MALVERN—Detwiler, Mrs. P. J.
Garrett, R.
Morgan, W. & T.
MANATAWNY—Yoder, M. S.
MANHEIM—Levan, W. Y.
Ream, Frank W.
Witmyer, H. S.
MARIETTA—Strump & Mueller
Wiseman, A.
MARS—Zeigler, A.
MARSHALLTON—McFarland, H. J.
MAUCH CHUNK—Bartholomew, E. D.
Deemer, H. G.
Schrank, William M.
Spangler & Esser
MEADVILLE—Berg & Boyle
Gill, D. A.
Guenther, F. M.
Kress, August (Slate & Metal)
Lord, L. L. Co.
Roueche, Frank (Slate & Metal)
MECHANICSBURG—Bobb. H. M.
Cromleigh, D. A.
Hauck Bros.
Wonderly, Frederick
MEDIA—Buckley, Miss E. A.
Carey, W. H. Bro.
Hawley & Snowden
Ware, Preston W.
MERCER—Newell, A.
MEYERSDALE—Baer & Co.
Bolden, Chas. A.
Cover, P. J. & Son
MIDDAGHS—Rohn, James
MIDDLETOWN—Croll, A. B.
Ettele & Co. (Slate)
Keever, W. F.
Nissley, H. K. (Slate)
Selser, S. S.
MILFORD—Klein, T. R. J. & Son
MILTON—Kennedy, James F.
Konkle, J. R.
Krause & Co.
Leh & Gehring (Slate)
Martz, P. R.
MINERSVILLE—Dunn, L. H.
Martz, J.
Phillips & Moore
Witman, August
MONACA—Zitzman, George J. (Slate)
MONESSEN—Bearer, H. J. & Co.
Cullen & Miller
Travers, M. P.
MONONGAHELA CITY—Atkins Bros. (Slate & Metal)
Downer Bros. (Slate)
MONROETON—Smalley, George H.
MONT CLARE—Logan, A. L.
MOORES—Gould, M. D.
MORGANTOWN—Foreman, Lott B.
MORTON—Manning Bros.
MORWOOD—Groff, H. W.
MT. CARMEL—Beddall & Wardrop
Bergstresser, Sam'l E.
Collier, S. E.
Donohue, W. V.
Evert, Wm. D.
Fagley, H. S.
Phillips, Wm. H.
Williams, H. H.
MT. JOY—Buchl, John H.
Webb, Jas. C.
MT. OLIVER—Wagner, John S.
MT. PLEASANT—Andrews, J. B.
Gregory, S. & Co.
Mt. Pleasant Plbg. & Roofing Co.
Patterson, W. M. & Co.
Smith, W. H. & Son
MYERSTOWN—Sallade. J. M.
Smith, T. H.
NANTICOKE—Hill & Evans
Lecher, J. H. & Son
Snyder, C. P.
NANTMEAL VILLAGE—Garvine, Chas. A.
NATRONA—Hookey, N.
NAZARETH—Bardill Bros.
Venter, E. F.
NEW BETHLEHEM—Anderson Hardware Co.
Heath & Martin
NEW BRIGHTON—Funkauser, S. H. (Slate & Metal), 813 6th av
McDaniel, R. B. & Sons (Slate)
McNees & Varley
Merrick & Son
Reehl, P. H. (Slate & Metal), 1824 3d av
NEW CASTLE—Dickson & Co.
Hannon. Joseph (Slate & Metal)
Heilman, William (Slate & Metal)
McBride Bros. (Slate & Metal)
McClelland, M. E.
Reynolds, Charles L. (Slate & Metal)
Welch & Horton Co. (Slate & Metal)
NEW CUMBERLAND—Kister, Harry E.
Lenhart, De Lancy Y.
NEW HOLLAND—Davis, I. G. & Son
NEW KENSINGTON—Masters & Robinson, 925 5th av
Miller, Harris N., 9th av n 10th
Welker, Charles W., 4th av n 10th
NEWPORT—Bassett, T. W.
NEW PROVIDENCE—Eckman, Lewis
NEWTOWN—Lundy & Shinn
Phillips, John W.
Smith, W. A.
NICHOLSON—Driggs & McConnell
NORRISTOWN—Boyer, J. Frank Plumbing & Heating Co.
Cressman. J. T.
Elliott, H. C.
Frey, Charles F.
Geyer, A. M. (Slate)
Johnson, W. H.
Keisen, Oliver
Neiman, George F. (estate of)
Quillman, Benjamin (Slate & Metal)
Smith, Alfred (Slate)
NORTH EAST—Philips, L. J. (Slate & Metal)
Selkregg Hdw. Co.
NORTHUMBERLAND—McAlister, Clarence
Yeager, Geo. W.
NORTH WALES—Leister, J. H.
Shearer, Abel K.
OGONTZ—Horner, Maurice P.
OIL CITY—Booker, James
Carson, J. M.
Kitchell, D. T.
Snyder Bros. (Slate)
OLEY—Carl, Jonas
OLYPHANT—Lally, Jas. H.
Mackey, M.
Patten, J. W.
ORWELL—Beers, L. E.
ORWIGSBURG—Long, James H.
OXFORD—Burling, William
Ivison & Armstrong
Manyoun, T. J.
PALMERTON—Benninger, Abraham (Slate)
PARADISE—Wenger Bros.
PARKER FORD—Nuel, W. C.
PARKER'S LANDING—Dunlap, E. F.
PARKESBURG—Cromleigh, S.
White, Peter D.
PARSONS—Trethaway, Thomas
Trethaway Bros.
PATTON—Harper, J. C. Co.
PEN ARGYL—Correll, R. S.
PENBROOK—Weiss, E. W.
PENNSBURG—Diehl, William B.
Steckel, V. H.
PERRYSVILLE—Winner, J.
PHILADELPHIA—Abronski Bros., 1615 Stiles
Acton, T. Graham (Slate, Comp. & Gravel), 727 S 16th
Acton & Co., 738 S 20th
Ahn, Leander K., 2563 Amber
Allard, Frederick J., 16 Harvey, Gtn.
Allen, Hy. S., Jr., 603 Venango
Amberg, F. Co., 805 N 13th
Ambron, Ernest, 443 Somerset
American Metal Cornice Works, 1124 Ontario
American Roofing Co. (Comp., Gravel & Slate), 1506 Ogden
Angier, Thomas, 1338 S Garnet
Anthony, C. H., 2561 Gtn. av
Apker, Charles H., 1007 Tasker
Apker, Henry, 1514 E Passyunk av
Arensberg, Wm., 625 S 3d
Armstrong, Charles W. (Comp., Gravel, Tin, Slag & Slate), 918 N 46th
Arnd, Charles A., 3504 Haverford av
Arnold, John C. & G. W., 5119 Gtn. av
Ashendorf, Frederick P., 540 E Westmoreland
Atkin, W. H. L., 2122 N 15th
Awner. Samuel, 921 S 4th
Awner, Wolf, 1029 Poplar
Baile, Robert, 815 S 19th
Bailey, Edw. J., 1634 E Hewson
Baker, Warren, 1600 N Front
Baral Hardware & Heating Co., 1022 Columbia av
Barrett, John C. (Comp., Gravel & Slate), 1131 S 16th
Bartholomew, Reuben W., 445 W Norris
Basford, Jno. W., 128 Queen
Bauep, Christian, 1233 Poplar
Bauer, A. D., 1934 S Hicks
Bauer, Christian, 1233 Poplar
Bavington, Andrew D., 2115 Oxford
Beaumont, Jas., 49 W Rittenhouse, Gtn.
Beck Conrad, 419 Dauphin
Benkler, George, 1401 N Fawn
Benkler, Philip (Comp., Gravel & Slate), 1927 N 5th
Benner, George W., 2509 Germantown av
Bennett, A. B. Co., 1322 N 17th
Bergmann, John, 6011 Naudain
Berman, Noah, 607 Bainbridge
Bertchansky, Louis, 811 S 3d
Billman, Catherine W. (Comp., Gravel & Slate), 1630 Columbia av
Bischoff Bros, 2042 E Clementine
Bischoff, Jacob G., 2958 Frankford av
Bischoff, Thos, 2039 E Clearfield
Black, Edward C., 1566 E Berks
Blaker, Isaac, 722 S 3d
Blefgen, Henry J., 868 N 4th
Blizard, Edw. C., 1239 S 6h
Blizard, George B., 108 Manton
Bohem, A. & G., 15th & Federal
Bonner Andw. J., 1633 N 2d
Bonsall's, Wm. S. Sons, 3824 Market
Booz, Fredk. N., 128 W Price, Gtn.
Borger, Geo., 2065 E Arizona
Bortel, Emmanuel J. (Comp., Gravel & Slate), 1428 Pt. Breeze av
Bortel, Harris & Co. (Comp., Slate, Gravel & Metal), 50 N 23d
Brady, Jas. T., Jr., 2513 E Clearfield
Brambley, H., 4944 Germantown av
Brand, Orrin A., 1941 Market
Brandish, Isaac, 914 N 3d
Brinkmann Bros. (Gravel, etc.), 2617 Frankford av
Brown, David P., 2623 Gordon
Brown, Geo. (Tin), 614 Cherry

Brown, Henry J., 905 Fairmount av
Brown, Joseph E., 525 N 23d
Buchert Bros., 1602 Venango
Buchert, Philip, 1422 Lenox av
Buchy, Henry A., 7226 Paschall av
Buck, Eugene, 4372 Germantown av
Buckman, George W., 853 N 19th
Buckman, Stephen A. & Son, 2411 Ridge av
Bulley, Jno., 1866 N Taney
Bunn, Edw. V., 527 Poplar
Butler, Geo. W., 1807 N 20th
Buzby & Hellerman, 2d st. pk, ab Tabor, Olney

Byrd, John, 1427 Catharine
Caldwell, G. B., 8th & Wallace
Call, S. P., 238 Arch
Callahan, Charles, 42 N 2d
Calverley, Geo. H., 1319 Parrish
Campbell, Benjamin, 413 Callowhill
Caplan, Israel, 802 S 6th
Carlin, Philip, 1743 Venango
Carney, John J., 1123 Christian
Carr, Jno. E. & Son, 4118 Lancaster av
Carre, D'Angell H., 143 N 13th
Carrigan, Peter & Son, 114 N 5th
Carroll, Wm. D. (Comp., Gravel & Slate), 2316 N 27th

Cassel & Zeeb, 5440 Vine
Cassidy, James, 801 Noble
Caulton & Co., 5116 Willows av
Cave, Thos. C., 6149 Haverford
Chambers, John, 706 S 19th
Chew, Wm. A., 306 S 4th
City Roofing Co. (Gravel, etc.), 10 N 22d
Clarke, Chas., Jr., 2062 E Susquehanna av

Clayton, Frank B., 1222 Race
Coale, Wm. D., 4145 Paul, Fkd.
Cobbin, Matthias H., 725 Sansom
Coburn, George R., 7314 Germantown av
Coffey, Jas. A., 2108 N 9th
Coffey, Richard H. (Comp., Gravel & Slate), 1847 N 5th

Cohn, Bernard, 519 S 3d
Colbanovsky, Robt., 1318 S 7th
Colbert Bros. (Comp., Gravel & Slate), 1227 S 4th

Cole Bros., 4134 Orchard, Fkd.
Collier, Charles A. & Son (Tin), 2052 Fairmont av

Collins, Matthew M., 1845 Cabot
Collis, David, 3970 Elser
Connor, Frank E., 1804 Fkd. av
Cooney, John, 422 N 12th
Cooney, Thos., 1710 S 9th
Cooperman, Reuben, 334 Monroe
Copes, Edwin L., 216 Washington av
Corbman, Max, 734 Rodman
Cornell, Hugh T. (Slag & Gravel), 1845 N 6th

Cortright Metal Roofing Co. (Inc.), 50 N 23d

Cox, Wm. W., 327 Race
Cumming, Richard P., 1009 Callowhill
Cummings, Charles S., 249 S 6th
Cupersmith, N., 620 S 2d
Curran, Thos., 4524 Baltimore av
Darvell, Jos. F., 2002 Nicholas
Davis, Wm. J. (Comp., Gravel & Slate), 2107 Gould

Dawson, John P., 3625 Longshore, Tac.
Decker, Jno. & Son., 2704 Girard av
Delaney, Roger H., 5856 Magnolia, Gtn.
Devlin, Edw. S. (Comp., Gravel & Slate), 2343 N Marshall

Dickson, Jno., 105 Chelten av
Diehl, Watson, 608 N 3d
Diehl, Wm. W., 217 Poplar
Dillon, Francis T., 1202 Federal
Doan, Jos., 146 S 6th
Donaghy, Charles & Sons, 2331 N 15th
Donnell, Jos., 1838 Bainbridge
Donnelly, Jas. P., 2001 E Elkhart
Donnelly, John P., 938 W Huntingdon
Dougherty, Jas. A., 1347 Somerset
Doyle, Walter C., 2960 Hurley
Drinnen, Jerome F., 1216 Cabot
Duffy, Thos. C., 304 N 57th
Dux, John F. (Comp., Gravel, & Slate), 2239 N 2d

Earle, Wm. (estate of), 2132 Callowhill
Ebald, Emil, 330 N 5th
Eckert, Jno. (Comp., Gravel, etc.), 1003 Diamond

Ehler, Edw. A., 232 S 5th
Eisenhower, Leon D., 2008 S Juniper
Eissler, F. W., 2827 Palethorp
Elliott, Andrew G., 6845 Gtn. av, Mt. A.
Ellis, Wilson, 2201 Coral
Ellison, Wm. H., 1219 S 12th
Endriss, E. C., 2014 Sanson
Eplett, John T., 403 N 9th
Evans, Isaac, 1933 Federal
Evans, Othniel B., 1719 N Bambrey
Hopkin, Chas. E., 107 Bethlehem pk

Fagan, Thos. (Comp., Gravel & Slate), 3783 Cresson, Wis.
Fairley, Alex. W., 1609 N 17th
Farley, Thos., 1013 Norris
Fehrle, Thos., 2666 Coral
Filbert Paving & Construction Co. (Comp., Gravel & Slate), 1507 Sansom
Fischer, Frank C., 828 Spring Garden
Fisher, Jno. T., 2432 Nicholas
Flounders, E. L., 1335 Poplar
Fluck, Frederick, 1815 E Passyunk av
Flynn, Patrick, 1935 Tasker
Foertsch, Geo. H., 271 Susquehanna av
Foley, Jos. F., 1210 Callowhill
Ford, Chas. C., 435 N 50th
Forrester, Thos., 2121 Vine
Foster, Thos., 402 Richmond
Fow, Benj., 204 New
Fox, Andrew G. (Comp., Gravel & Slate), 1416 Federal

Fox, John T., 2231 Berks
Fox, Jos. W., 1416 Federal
Fredericks, Robt. P., 9 N 39th
Frey, Gottlieb, 1250 N 10th
Frick, Geo., 928 Moore
Furchmuller, F., 1021 N 2d
Fuss, G. W., 5109 Tacony, Fkd.
Gans, Jno. H., 2908 Germantown av
Gara, McGinley & Co. (Comp., Metal, Slate, Tile, etc.), 23 S 17th

Garraty, James F., 4089 Lancaster av
Garrett, John, 1130 Race
Garrity John, 2315 E Somerset
Garvey, Wm. (Comp., Gravel & Slate), 4584 Trenton av, Fkd.

Gassner, Chas. F. & Son, 4350 Gtn. av
Gassner, Thos., Jr., Green c Berkley, Gtn.
Geissler, Chas. F., 844 N 25th
Gercke, Samuel, 7101 Tulip, Tacony
Gibbs, Alex., 2531 N 11th
Gibson, Peter, 3040 Gtn .av
Gildenfenney, Chas., 7115 Woodland av

GILMAN SNOW GUARD

103 Merrimac, Boston, Mass. (See adv. index, end of book)

Glading, Lewis C., 230 N 2d
Goldberg, Harris, 730 South
Goldberg, Hy. (Comp., Slate & Gravel), 526 S 7th

Goodelman, Harry, 700 S 3d
Goodwin, Fred. O. (Comp.) Gravel & Slate). 554 N 53d

Goodwin, Wm. C., 2521 Girard av
Gordon, Samuel, 410 S 2d
Gorman, Hugh, 732 S 15th
Gotschall, L. U., 4845 Lancaster av
Graney, E. 5263 Jefferson
Green, Jacob, 242 Wharton
Green, Louis (Comp., Gravel & Slate), 206 Monroe

Grey, Jas., 1219 Cadwallader
Grimm, Frank F., 2312 Gtn. av
Gross, Wm. A., 2210 E Norris
Gross, Wm. E. (Comp., Gravel & Slate), 1224 Oxford

Grover, Thos. E., 1115 S 47th
Guenther. R., 227 Brown
Haines, Chas., 4807 2d st pk, F'ville
Haines, Geo. W., 1619 Catharine
Haines, Lewis, 1638 N 19th
Halbe, Henry G.. 811 E Hilton
Halter, Aug., 2515 Ridge av
Hansell, Geo., 6102 Ridge av
Harbolsheimer, Chas., 928 N 28th
Harbolshiner, John, 1241 N 16th
Harrington, Lucian W., 4541 Woodland av
Harris, Jno. S. (Comp., Gravel & Slate), 2027 E Dauphin

Harris, Samuel, 422 S 21st
Harrison, Chas. H.. Jr., 26 S 17th
Hart, Jas., 2311 Callowhill
Hartman, Alvin F., 2939 N 22d
Hartnack, Thos. G., 902 N 26th
Hawkins, Wm., 2500 Natrona
Hawthorne, Jos. J., 100 Morris
Heard, Jas., 1821 Church, Fkd.
Heckley, Gustav A., 2123 N Front
Hendrickson, John C., 1508 Thompson
Henry, Michael J., 2007 N Stillman
Hermann, Andrew, Newkirk, c Thompson
Hermann & Grace, 3028 Market
Hicks, Geo. B. Sons, 6029 Vine
Higgins, Hy. C.. 1405 Race
Hill, Chas. E., 526 S 2d
Hochreiter, Theo., 1601 N 5th
Holbrook, Edw. F., 1341 S Lambert
Holden, H. C., 1365 Sellers, Fkd
Hollings, H. B. (Slate, etc.). 3049 N 5th
Hone, Francis, 321 Callowhill
Hopeley, Philip F. (Comp., Gravel & Slate), 2341 N 9th

Hopkin & Fulton, 8023 Roanoke, C. Hill
Hopkins, Samuel K., 1226 N 11th
Hopkinson, Samuel, 1421 Frankford av
Hueber, F., 1237 N 3d
Hughes, Geo. W., 313 Walnut
Hurlock, Asa (Comp., Gravel & Slate), 1929 S 3d

Hurlock, A. & Son, 1742 Christian
Hushen, Michael, 1903 Pine
Husted, Dorsey G., 144 Brown
Hutchinson, Wm. J., 8405 Germantown av
Itzstein, Fredk. J., 1217 N 4th
Jacobs, J., 322 Poplar
Jacobs, M. F., 7137 Germantown av
James, Jno. F., 766 S 52d
Jaspan, Jos., 226 S 2d
Jester, Eli J., 125 Manton
Jester, Geo. L., 5319 Morris, Gtn.
Jester, Oliver (estate of), 5330 Gtn. av
Johnson, David, 1205 N Taylor
Johnson, Thos. S. (Comp., Gravel & Slate), 16 N 7th

Johnston, Robt., 520 S 23d
Joneck, Louis, 2054 N Warnock
Jones, Evan, 5114 Lancaster av
Jones Heating & Roofing Co., 733 Green
Jones, Joseph, 2118 N 6th
Josopait, F. W., 314 Poplar
Jungkurth, S. B., 48 Manheim, Gtn.
Kaiser, Wm., I nr Bleigh, Fox Chase
Kanter, Samuel, 436 Poplar
Kamp, Martin C., 519 S 13th
Kaucher, Fredk. M., 2724 N 5th
Kazakow, Abraham, 1229 N 2d
Keenan, Jos. (Comp., Gravel & Slate), 2860 N Reese

Kendig, Walter W., 4630 Ogden
Keohane, Jer. J., 1806 Callowhill
Kershaw, Thos. & Son, 4528 Lancaster av
Kimes, Jessie B. & Co. (Slate, Gravel & Camp.), 1822 Filbert

Kirkman, Frank, 4909 Ogden
Kirst Bros., 434 Spruce
Kirst, Jacob, 1425 N 6th
Kite's, Jno. H. Sons, 2913 Ridge av
Klein, Fredk. R., 913 Diamond
Knodel, Emil, 7 Girard av
Knowlan, James (Comp., Gravel & Slate), 2215 Lombard

Koenig, J. F., 3052 Chatham
Kohler, David, 2010 N 4th
Kolb Bros., 1315 N Warnock
Kolb, Michael, 3634 N 5th
Koons, Ferdk. P. (Comp., Gravel & Slate), Fox Chase

Kornbau, Herman, 717 Oxford
Kramer, Harry, 153 E Lehigh av
Kramer, Jacob, 128 Cumberland
Krause, Simon, 906 N 3d
Kulzer, Michael, 433 Cambria
Kunkely, O. F., 1710 N 27th
Kunz & Henricks, 907 Locust
Lambert, Jno. H. & Son, 2226 E Cumberland

Laning, Jos. M., 1307 Race
Lantman, J. & G., 2411 S 11th
Larrimore, Jas. T., 1800 N 12th
Lave, John, 226 S 2d
Lawler, J. Paul, 1603 Ridge av
Layer, Frank, 3533 N Watts
Leathers, N. M. & Co. (Comp., Gravel & Slate), 4026 Westminster av

Lewis, Herbert W., 2009 E York
Lienemann, Fredk. B., 512 Fernon
Limerick, J. Hunter, 1544 Hunter
Lindgren, J. V. (Comp., Gravel & Slate), 606 S 17th

Love, John, 604 Spring Garden
Ludowitz, Isadore, 707 S 8th
Lukens, C. M., 312 E Walnut la, Gtn.
LUPTON'S, DAVID SONS CO., Allegheny av & Tulip. (See adv. index, end of book)

Luttrell, Thos. J., 3830 Market
Lynch, Jno. F., 133 E Chelten av, Gtn.
McBride, P. J. (Comp., Gravel & Slate), 636 S Bambrey

McCall, Jno. P., 2646 Oakford
McCann, Jno. (Comp., Gravel & Slate), 56 W Rittenhouse, Gtn.

McCartney, T. J. & Co., 1733 Christian
McCarty, J. F. (Gravel, etc.), 2306 N 29th
McCormick, Edw., 1927 South
McCormick, Jas. J., Cheltenham av, nr N 7th

McElhiney, Jas., 3616 Lancaster av
McFarland, Thos., 1619 Oxford
McFassel, E. M., 4801 Woodland av
McGrath, Edw. (Slate, Gravel & Comp.), 1534 Fkd. av

McGrath, Jno. (Slate, Gravel & Comp.), 5th. c Dauphin

McGrath, Thos. J. & Co. (Slate, Gravel, etc.). 1930 N 2d

McGuigan, Chas. F., 1714 W Huntingdon

McIlhone. Stewart, 511 Richmond
McKee, Thos. J. (Comp., Gravel & Slate), 1514 Gtn. av
McKee, Wm., 1819 N Taney
McKenna, John (Camp., Gravel & Slate), 1826 E Somerset
McKnight, John, 3645 Market
McMurtrie, John S., 525 N 9th
McNichol, Geo., 1219 N 6th
McSorley, Frank J. (Comp., Gravel & Slate), 113 N 6th
McVeety & Mender (Gravel, Slate, etc.), 2024 Fairmount av
MacCarthy, Geo. W. (Comp., Gravel, & Slate), 2912 Fletcher
MacCrory, Jno., 1422 Catharine
MacDonald, John A., 3952 Parrish
MacLean, Geo. B., 3643 Woodland av
MacNeille, Geo. A., 1829 E Passyunk av
Macqueen, A. & Son, 3935 Lancaster av
Mahood, Wm., 1723 Wood
Manlove, Alfred P. C., 1900 S 7th
Manning, Edw. N., 1530 E Hewson
Mansley, C. O., 2221 Bainbridge
Marshall, John H. (Comp., Gravel & Slate), 2081 E Clearfield
Martin, Jas., 2506 E York
Mason, E. J. (Comp., Gravel & Slate), 263 S 12th
Mathes, Chas. C., 3075 Collins
Mauer, Wm. F., 1214 Girard av
Maxwell, John D., 1222 S 2d
MEADE ROOFING & CORNICE CO. (Slate, Metal & Tile), 45 & Linmore av
Messick, W. H. & Son, 1338 S 6th
Meyer, H. F., 1627 Federal
Miller, Joseph, 1821 Fairmount av
Mills, Albert, 4531 Springfield av
Mills, A. W., 1107 S 47th
Moffett, Geo. W., 1926 N 20th
Monaghen, Peter J., 1134 Dauphin
Mooney, Edw., 2325 N 30th
Moore, A. J., 3263 N Park av
Moore, Alex., 523 Race
Moore, Jas. R., 3003 Gransback
Moore, Jno. E. & Son, 765 N 20th
Moore, Robt., 1711 McKean
Morrison Andrew G., 1736 South
Morrison, J. W., 8014 Fkd. av
Mueller, G. Arthur, 1910 Gtn. av
Muller, Frank, 3326 N 5th
Mulholland, Frank, 1903 E Orleans
Mulholland, J. & Bro. (Slag), Trenton av & Firth
Munro, H. F., 1740 Gtn. av
Munsloe, John, 2119 Vine
Murphy, Albert, 301 N 20th
Murray, Albert M., 529 Callowhill
Murray, Hy. H., Glenwood av c N 22d
Murray, Wm. M., 3516 Haverford
Murray, Wm. & Son (Comp., Gravel & Slate), 3622 Haverford
Musselman, Oscar L., Fairhill, nr Tabor rd, Olney
Myer, John, 344 S 2d
Nabin, Abrahm, 539 Queen
Nace, Henry J., 308 N 3d
Nacey, Jno., 7105 Woodland av
Naegele, Jno. A. (Tin), 5622 Germantown av
Nagel, Fredk., 1528 N 4th
Neiman, Warren, 1808 Adams
New Jersey Roofing & Cons. Co. (Comp., Gravel & Slate), N. American bldg
Nodel, Emil, 1213 Fkd. av
Noedel, John. (Comp., Gravel & Slate), 1057 Gtn. av
Noone, Andw. J., 3538 N 17th
Noppel, Emil, 803 Callowhill
Norris Slag Roofing Co. (Comp., Gravel & 2146 E Norris
Norris, Wm. N., Coral c Clearfield
Olsen, Frank, 4232 Market
O'Neill, Emmett, 4223 Frandford av
O'Neill, Fredk. H., 56 N 7th
Osterheldt, Henry (Comp. Gravel & Slate), 4701 Wyalusing av
Ottinger, Henry & Co., 2125 Market
Palmer, Hy. K., 4029 Lancaster av
Pangborne, Jas. H. 2015 N 18th
Parisano, Dominick, 823 Carpenter
Parker, Geo. H., 3616 Haverford av
Parry's, Thos. Sons, 712 Wood
Pass, Louis, 910 S 5th
Patterson, Jos., 2526 N Front
Patterson, Samuel, 2903 N Front
Patton, Thos., 1602 Lombard
Pearlman, Nathan, 802 S 4th
Pelstring, Geo., 15 E Coulter, Gtn.
Penn Metal Ceiling & Roofing Co. (Ltd.), 23d c Hamilton
Pennypacker, Benj. F., 2005 N Darien
Perkinpine, Jos. R., 814 Girard av
Petrific Paving & Roofing Co., 3345 Market
Pflomm, Gottlob, 2319 N 7th
Pfund, Wm. J., 616 S 2d
Phipps & Baxindinc, Van Dike, nr Disston, Tac.
Phoff, Edw. J., 1305 Cherry
Phy, John B., 825 N Holly
Pohl, E. Otto, 235 S 3d
Pohl, Nicholas L., 217 Christian
Porter, John, 2346 N 2d
Porter, Saml. C., 806 Berks
Poulson, Andw. R., 1256 S 15th
Preston, H. J., 616 S 21st
Quaker City Paving Co. (Gravel, etc.), 45 N 13th
Quigley, Edw., 6719 Crowson, Gtn.
Quigley, F. B., 617 S 11th
Quigley, J. J. & Son, 1342 Ridge av
Quinn Bros., 1422 N 20th
Quinn, John J. (Comp., Gravel & Slate), 2209 N Cleveland
Quinn, Thos. N. (Comp., Gravel & Slate), 5722 Knox, Gtn.
Radiss, Jacob, 742 S 6th
Randolph & Boyce, 1744 Moyam'g av
Rappoport, Abraham, 1033 S 4th
Rath, Jacob, 6218 Boynton, Gtn.
Raynor, Wm. C., 1815 S 11th
Read, Wm. N. (Metal, Slate, Tile, etc.), 30 N 7th
Reagan, J. V., 3536 N 17th
Reed, Wm. P. & Sons, 4501 Lancaster av
Reeder, Geo. A., 1213 N 5th
Reese, Daniel F. R., 3420 N 11th
Reichman, Geo. F., 3053 N 15th
Reihle, John J., 2342 Sharswood
Renss, Edw. H., 3647 Market
Rhoads & Maloney, 421 N 3d
Richards, Edw. W., 2029 Frankford av
Richman, Chas. A., 1236 N 10th
Richman, W. S., 1236 N 10th
Richter, John H., 3017 York
Rickert, Wm. J., 5th & Dauphin
Rewalt, Albert S. (Comp., Gravel & Slate), 1123 N 4th
Reynolds, Thos. J., 935 Reed
Robertson, Jas. G., 6375 Germantown av
Robinson, F. A. (Comp., Gravel, etc.), 2318 S 10th
Rohrman, Albert, 1847 N 19th
Ross, Lewis P., 2531 E Norris
Ruch, Geo. M., 1239 N 11th
Ruger Bros. (Slate, Gravel & Metal), 1434 Germantown av
Rumford, Geo., 1226 Filbert
Rutherford, H., 1703 Pine
Rux, John F., 2239 N 2d
Sabin, F. & Co., 121 N 2d
Saffian, Leon, 806 Walnut
Sage, E. J., 3828 Market
Salb, Wm., 148 Fairmount av
Saling, G. A., 4045 Lancaster av
Salmon, Jno. W., 2730 E Lehigh av
Salmon, W. T., 1818 Foulkrod, Fkd.
Samsele, Fred., 2119 N Broad
Sausser, Chas. W., 1702 Dover
Schleifer, Jacob E., 1323 Hancock
Schlenz, Jos., 2669 N 28th
Schluch, Peter, Orianna c Bristol
Schmid, Carl B., 2325 Gaul
Schmidt, Hy. (Slate, Gravel, etc.), 3435 Richmond
Schmidt, Wm., 2029 N 2d
Schmitt, Edw. F., 521 Ludlow
Schnitzler, Chas. H., 215 N 2d
Schoellhamer, Chas., 1370 Ridge av
Schreiber, Wm. H., 410 S 12th
Schuehler Bros., 142 Edward
Schwakopf & Highland, 725 Spring Garden
Schwartz, Albert, 336 Lombard
Schweiker, Wm. G. (Comp.), 2623 Jefferson
Schwickerath, Chas., 530 Girard av
Schwinn's, Geo. W. Sons, 1416 W Dauphin
Scully, Michael, 2549 Montrose
Searle, Richard, 722 S 16th
Seibert, John F. T., 2045 North
Selter, Henry R., 1806 Poplar
Seybert, Henry G., 1007 Christian
Shannon, H. J. (Comp., Gravel & Slate), 1710 Federal
Shannon, Jas., 2237 S Hicks
Sheridan, Jos. F. (Slate, Gravel, Metal & Comp.), 1909 Dickinson
Sherman, J., 1023 Mercy
Shoemaker, Constantine, 1612 South
Shubert, Geo. W., 3531 Market
Simpson & Murray (Slate, Felt, Gravel & Metal), 1719 Christian & 2019 Columbia av
Smith, Alfred W., 290 W Rittenhouse
Smith, Chas. F., 300 E Haines, Gtn.
Smith, Geo., 206 E Indiana av
Smith Horace, 5008 Ditman, Fkd.
Smith, Wm. H., 700 N 23d
Smithson, Gideon D., 2228 Sepviva
Snyder, Chas. S., 1211 E Venango
Solomon, Samuel, 336 S 3d
Souder, Theodore, 420 York
South Phila. Cornice & Roofing Works, 711 Dickinson
Spire, Harry (Comp., Gravel & Slate), 2734 Ruth
Staley, Jos. (Comp., Slate & Gravel), 2027 E Dauphin
Steele, Chas., 2119 Fitzwater
Stevens, Ferris L., 3500 Haverford
Still, Wm. W., 8053 Fkd. av
Stocker, Albert H., 2942 N Fairhill
Strumpfer, John, 1616 Ellsworth
Stumm, Chas., 1433 S 2d
Summers, Edgar, 2326 Coral
Sutton, Joseph R. E., Green la, bel York rd
Tams, Peter C., 904 Gray's Ferry rd
Taylor, Jno. H., 734 S 8th
Taylor, Robt. (Comp., Gravel & Slate), Old Front st rd, c Butler
Thomason, Wm. J. & Sons, 108 Arch
Thorn, J. S. Co., 1227 Callowhill
Thorp, Jno. H., 1929 S 4th
Thorp, Wm. J., 3131 N 22d
Timmins, Stephen, 107 Fernon
Tilburn, Emil, 3129 N Franklin
Tomes, Eugene, 230 Diamond
Trout, Fredk. G., 4082 Haverford
Turner, Richard, 110 E Chelten av, Gtn.
Udovitz, Jacob, 707 S 8th
Ventura, Frank, 850 S Front
Viehmann, Geo. L., 2122 South
Wainwright, John W., 4633 Fkd. av
Wahl, Chas., 2206 Ridge av
Wallen, A. J. & Son, 1816 Tasker
Walsh, John F. (Comp., Gravel & Slate), 2536 Diamond
Walters, J. S., 1912 Susquehanna av
Ward, Hy., 73 E Wister, Gtn.
Warren-Ehret Co. (Comp. & Slag), Land Title bldg
Wayne Junction Metal Cornice Works, 4545 Wayne, Gtn.
Weekly, Thos. J., 1922 S 7th
Weisert & Hollis, 539 Race
Weiss, Fredk. J., 2305 N 7th
Welsh, P. J., 1117 S 20th
Welte, Paul & Son, York av & Noble
Wenzell, Geo. E., 1128 Girard av
Werner, Wm., 2136 N 2d
West Phila. Cornice Works (Iron), 3420 Market
Widmaier, Gustav, 507 Susquehanna av
Wiedersum, Wm. S., 2452 N 2d
Wilhelm, Theodore, 128 N 16th
Wilkins, Hy., 627 York
Williams, Job T., 736 S 5th
Williams, Ralph, 2450 Montgomery av
Williams, Robt. C., Jr., 1907 Columbia av
Williams, Wm. E., 37 N 16th
Wilson, Jno., 1226 S American
Wilson, Jno. B. & Co., 4209 Frankford av
Wilt, Joseph A., 2224 E York
Wise, Edw., 419 Fairmount av
Witchie, Jacob, 1630 Gtn. av
Wohlfarth, Herman J., 218 Arch
Woods, Thos., 1420 South
Wormald, John H., 3753 Warren
Worner, Octavius, 1529 Porter
Wotherspoon, Jas. R., 430 Race
Wray, Hugh, 2227 N 16th
Wright & Wells, 3409 Germantown av
Wylie, Andw. J., 1455 N 29th
Yerger, Irwin S., 105 W Duval, Gtn.
Yost, Mary E., 2714 Richmond
Young, Albert E., 1648 Orthodox
Young, Chas. A., 3506 Haverford
Young, Jno. C., 2844 Stiles
Young, John P., 2221 N 28th
Zahm, G. Walter & Bro., 5192 Lancaster av
Zeitzew, Max, 732 Bainbridge

PHILIPSBURG—Barber, J. F. & Co. (Slate & Metal)
Bortel, Geo. E.
Musser, Robt.

PHOENIXVILLE—Caswell & Moore (Slate, Metal & Corrugated Iron)
Yerkes, Alfred & Co.

PINE GROVE—Long, J. H.

PITCAIRN—Barnhart, W. N.

PITTSBURG—Alter, Hiram A., 222 Brushton av
Angermyer, Wm. F., 536 N Homewood
Bametzieder, Henry, Birmingham, nr Pius
Beiter, Fred, 705 Liberty av
Bindley Hardware Co., 429 7th av
Blank, Herman (Slate), 5152 Coral
Brauenstein, M., 112 Crawford
Brewer & Tyhurst (Slate), 113 Manton
Brown, Geo., 6603 Lyric
Coe, Andrew H., 5th & Hamilton avs
Cromie & Logan (Tin), 335 Lincoln av
Dalzell, Wm. (Slate), 6 Mercer
Davis Roofing Co. (Gravel), 162 Frankstown av
Doran, W. T. & Son (Gravel), La Place nr Soho
Duquesne Roofing Co. (Asbestos, Slag, Gravel, etc.), Conestoga bldg
East End Cornice & Roofing Co., Berlin & P. R. R.

East End Roofing Co. (Gravel), 7204 Hamilton av
Echement, Aug. A., Rutledge nr Fingal
Ehmann, J. W. (Gravel), 1637 Forbes
Gantner, Wm., 9 Decatur

GILMAN SNOW GUARD

103 Merrimac, Boston, Mass. (See adv. index, end of book)
Girts, Saml. D. (Tin), 7732 Frankstown av
Glaub, Conrad, 4106 Butler
Graff Bros., 5912 Penn av
Grodzicki, Chas. (Tin), 3100 Brereton av
Hahn Bros. (Slate, Tin, Tile & Gravel), 1612 Forbes
Hall, Thos., 304 45th
Henle, Albert S., 1336 Penn av
Henzel, C. H. (Gravel), 3217 Penn av
Hoffman, Philip (Slate & Comp.), 3313 Ward
Johnson, A. H., 605 Grant
Johnson Bros., 4 Industry
Keighley, S. Metal Ceiling & Mfg. Co. (Slate Metal), 819 Locust
Kim, Geo. F., 3525 5th av
Kincaid Bros., 211 Water
King, I. J., 532 Grant
Kirsch, Jacob, 3234 Penn av
Kunzler & May (Gravel), 55 S 10th
Lamneck, Daniel (Tin), 57 Boggs av
Laughlin, Matthew H., 1323 Bingham
Le Goullon P. (Slate, Tile, Asphalt, Gravel, Actinolite & Slag), Bessemer bldg
Lehne, Fredk., Jr., 36 Southern av
Liberty Roofing Co. (Tin), Bennett & Frankstown av
Liebelt, Henry (Slate), 23 Bigham
Linton & Marcus, 1201 5th av
Longdon, H. & Sons (Slate, etc.), 128 Sheridan
Lowitz, Joshua, 1224 Penn av
McAteer, H. F. & Son (Gravel), 16 Ledlie
McCombs, Wm. M. (Gravel), S 21st & Carson
McCuean, Chris. B., 4818 2d av
McIlroy, J. D. & Sons, 114 Smithfield
McSteen, Bartley J. (Gravel), 6109 Kirkwood
Miller, Jno. E., 4507 Liberty av
Miller, Morris J., 5147 Butler
Miller, S. J. (Tin), 7704 Tioga
Morgan, O. C., 209 Frankstown av
National Roofing Co. (Gravel), Publication bldg
Niele, Valentine (Tin & Slate), 4326 2d av
O'Halloran & Jacobs (Slate), Park bldg.
Panner, L. & P. (Slate & Tin), 184 Main, W E
Papencordt, Walter, 32d & Smallman
Pentz, A. H., 2707 Wylie av
Pfeiffer, Hy. J., 80 S 15th
Phillips, Jno. (Gravel), 1229 Lincoln av
Porter, Chas. R. (Tile), 345 4th av
Rasner & Dinger Co. (Tin), 100 2d av
SCAIFE, WM. B. & SONS CO. (Iron & Steel), 221 1st av. (See adv. index, end of book)
Schafer, H. W. Co. (Tin), 2323 Carey av
Schiefer, Hubert (Slate), 2224 Wylie av
Schwartz, F. W., 614 Wylie av
Seager Bros., 335 1st av
Siegeman & Braunstein, 112 Crawford
Silberstein, Saml. (Gravel), 7127 Hamilton av
Steele, Edw. A. & Son (Felt), Ferguson blk
Sweitzer, Harry W., 7632 Baxter
Totten, Frank J., 302 Wood
Totten, W. R., 3600 5th av
Walker & Wilcox, 5027 Penn av
Warren-Ehret Co. (Slag, Asphalt & Actinolite Tile), Arrott bldg
Weiland, W. N., 2422 Reed
Wells, E. T. & Co. (Gravel), 417 4th av
Weisman Bros., 2240 Center av
West, John (Slate), 6442 Aurelia
Wetzel, A., 1225 5th av
White, Chas. F., 1107 Carson
White, Scott A. (Tile, Asphalt, Comp. & Slate), 1 Lewis blk
Whitehead & Flack (Gravel), 2121 Carson
Whitney & Briley, 1716 Wylie av
Wilker, Chris. H. (Tin), 5983 Center av
Young, J. F. (Gravel, Iron, etc.), 34th & A. V. Ry.

PITTSTON—Ash, Jno. M. (estate of), 115 N Main
Byrne, Jno. W.
Llewellyn, John (estate of)
Miller & Renfer
Oliver, H., 50 S Main
Smith, F. C. & Co.
PLAINS—Wilson, John
PLEASANTVILLE—Corwin, B.
Mapes, H. C.
PLYMOUTH—Dymand, E. P.
Jacob, Alex.
Parry, W. W. (Slate)
Spry, Josiah F. (Slate)
PORT ALLEGHENY—Gallup Hdw. Co.
PORT CARBON—Brenner, Alfred E.
PORTERSVILLE—Heberling, H.
POTTSTOWN—Baldwin, R. J. & Son
Faber, Geo. (Slate & Metal)
Geyer's, W. B. Sons (Comp.)
Kepner, C. G.
Mowery, P. G.
Unruh, L. F.
POTTSVILLE—Derr, Simon Stove Works, N Norwegian
Ent, H. C.
Hill, Howard
Lamont, Winfield S., 315 N 2d
Morris, Jos. E., 209 W Arch
Shugars, Hiram, 322 N 2d
PUNXSUTAWNEY—Robinson Hdw. Co.
QUAKERTOWN—Dengler, Jas. A.
Gross, Albert S.
QUARRYVILLE—Geiger, W. F.
READING—Bitting, W. H., 251 Penn
Boltz, I. M. (Slate), 631 Pear
Crosby, Wm. T.
Dauth, Arnold
Dauth, Jno. P.
Frederick, Chas. H.
Ganter, Jos. B. & Co., 201 Schuylkill
Gantert, Howard
Geissler, H. C. & Sons, 731 Penn
Graul, Chas. F., 905 N 9th
Griesemer, C. K. (Slate), 37 N 6th
Homan, N. E., 114 S 6th
Keever, E. F. (Slate), 930 Franklin
Lewis & Co., 44 Court
Luigard, Jno.
Miller, M. L.
Otto, J., 643 Penn
Prutzman, Walter, 304 Penn
Rankin, R. A., 700 N 9th
Sechler, C. M. (Slate), 1239 Moss
Wagenhorst, Mahlon
Wagenhurst, T. R.
Warren-Ehret Co. (Composition & Slag), 511 Penn
Wilson, Robt. L. Roofing & Paving Co. (Slag), 724 Pear
Yeager, Wm. B. (Slate & Metal), 8th & Chestnut
RED HILL—Reiter, Edwin
RED LION—Boeckel, W. F.
Lichtenberger, Wm.
REEDSVILLE—Gibboney, G. M.
RENOVO—Cross, Dell
RIDGWAY—Bowen, S. E.
Cody, C. L.
Smith Bros. Co., Ltd.
RIMERSBURG—Kaster, P. M. (Slate)
Stewart, B. B. (Slate)
ROCHESTER—Hartzell, Jno. W. (Slate & Metal)
Newkirk & Parks Hdw. Co. (Slate & Metal)
Schropp, C. W.
ROSEMONT—Seidel, W. W.
Shank, C. Ernest
ROYERSFORD—Buckwalter, J. A.
Long, Jas. F.
ST. CLAIR—Short, Chas.
Wagner, G. B.
ST. MARYS—Burden-Rowan Co.
Sosenheimer, F. X.
SALTSBURG—Moore, J. C.
Shadle, C. C. & Son
Walter, J. H.
SANDY LAKE—Farrah, C. M.
SAYRE—Talmadge, H. R.
SCENERY HILL—Hedge, T. A.
SCHUYLKILL HAVEN—Meyer, Jos. N.
Sausser Bros.
SCHWENKVILLE—Saylor, Benj. S.
SCOTTDALE—Dick, John I. (Slate & Metal)
SCRANTON—Connell Hdw. Co., 120 Penn av
Cowles, Wm. C., 1842 N Main av
Doyle, Jas. B. & Co.
Gunster & Forsyth, 327 Penn av
Howley Bros. (Felt & Metal), 338 Penn av
Howley, P. F. & M. T., 231 Wyo. av
Johns, J. E.
Klein, Benj.
Leonard, T. F., 505 Lack. av
Maloney, Jas. P. & Co.
Mullen, Thos. F., 1030 W Lack. av
Quick, James I.
Quinn Bros.
Schneider Bros., 601 Cedar av
Warren-Ehret Co. (Composition & Slag), 321 N Wash'n av
Wolf & Wenzel
SEWICKLEY—Bowers, W. C.
Drynan, A. & Sons
McDonald, Geo. R.
SHAMOKIN—Boughner, W. E.
Raker & Co.
Sausser, John S.
Smith, A. & Son
Thomas, C. B.
Unger, Warren
Weaver, Jos. J.
Zanker, A.
Zuern, A. L.
SHARON—Hannah, R. A. & Co.
Hoffman, J. C. & Bro. (Slate & Metal)
Hoffman, P. & Sons (Slate & Metal)
Leslie Plumbing Co.
McClain & Whitehead
SHARPSBURG—Meyer, W. H. (Slate, Metal & Asphalt, 24 7th
Weisenstein, E. D., Mrs. (Slate & Metal), 14th & Main
SHARPSVILLE—Kitch & Mower
Smith, Karl
SHENANDOAH—Bell, P. W.
Delaney, Patrick
Leach, M. J.
Williams, W. P.
SHERADENVILLE—Marlier & Stewart (Slate, Tin, etc.)
SHICKSHINNY—Campbell, H. E.
Woodworth, J. D. & Co.
SHIPPENSBURGH—Hykes, Wm. M. & Bro.
Rebuck, R. M.
Walters, G. F. & Son
SIEGFRIED—Keck, M. F. S.
SLATINGTON—Dettmer & Handwerk
Fritzinger, Wm. A.
Osler, Edwin
SOUDERTON—Alderfer, H. S., Jr.
Wolford, B. D.
SOUTH BETHLEHEM—Bittrick, L. F.
Laufer, Milton
McBride, M. J. & Co.
Quier, H. F.
Wetzel, John H. (Slate, Tile & Asphalt)
SOUTH SHARON—Davidson, J. E. (Slate & Metal)
SPRING CITY—Macfeat, Jno. H.
Mowrey, Latshaw Hardware Co.
STOCKERTOWN—Miller, Thos. A.
STRASBURG—Bair, Lemuel J.
Koch, Frank B.
STROUDSBURG—Flory & White
Hood, S.
Pierson, John F.
SUNBURY—East End Hdw. Co.
Reed, Edw. D.
Reitz, I. J. (Slate)
Wagenhorst, J. H.
Waltz, Henry J.
TAMAQUA—Hadesty, J. M. & Son
Hodgkins & Co.
TARENTUM—Alter, W. S.
Baker, David
Baker, J. C.
Goldinger, G. W. & Co. (Slate)
Smith, H. G.
TAYLOR—Jones Hardware Co.
Morgan, J. Milford
TELFORD—Hangey, Jonah T.
TIDIOUTE—Magill, B. S. & Son
TITUSVILLE—Burns, Jno. F.
Hughes, D. D. & Son
Kernochan & Co.
Spitler, Henry
TOWANDA—Bresee, Chester J.
Carmon, M. & Son
TROY—Beardsley & Colony
Dobbins, John E.
TUNKHANNOCK—Billings, Paul & Son
Shook, B. H.
Williams, A. P. & Co.
TURTLE CREEK—Smith, Wm. M.
Winters, W. L.
TYRONE—Fisher, J. W. (Graved & Comp.)
Neil, E. R.
UNION CITY—Hatch Hardware Co.
Hayes Hdw. Co.
UNIONTOWN—Collins, N. N.
Field, E. R.
Kefover, G. B.
Miller, A. L.
UPLAND—Morris & Grimison
WALNUTPORT—Andrews, A. J.
WARREN—Mott-Phillips Hdw. Co.
Pickett Hardware Co.
Slater, T. O. & Co.
Spinner, Wm.
WASHINGTON—Brice Bros. (Slate & Tin)
Michell & Busbey
Phillips, Chas. W. (Metal & Slate)
Smith, Chas. F. (Metal & Slate)
Williams, J. S.
WATERFORD—Henry, J. B. (Slate)
WATSONTOWN—Knight, F. H.
Shannon & High

WAYNE—Dunne, Peter J. (Slate, Tile & Metal)
Higgins. John
WAYNESBORO—Adams, Wm. G.
Frey, C. M.
WELLSBORO—Mitchell, W. S.
Roberts & Gardner
WEST BETHLEHEM—Schall, F. J.
Schlosser, J. F.
Wagner, Frank A.
WEST CHESTER—Apple Plumbing & Heating Co., Ltd.
Fitzsimmons, Geo. T.
James Bros.
Palmer, Geo. J.
Smith, R. H. (Slate)
Speer, J. H. (Slate)
WEST GROVE—Johnston, Hugh M.
WEST NEWTON—Holbert, W. R.
Sanders, C. W.
WEST POINT—Fenshtermacher, J.
WHITE HAVEN—Keck Hardware Co.
Miller, Theo. & Son
WILKESBARRE—Baab, Frank, S Main & Academy
Carpenter, B. G. & Co., 30 W Market
Connor Bros., 260 S Main
Edwards, Morris S., 137 S River
Forve, Peter, 114 N Main
Gorman, Jas. F., 41 E Northampton
Jones, Owen D. (Comp. & Slate), 38 Baltimore
Kaiser, Wm. & Son, 153 S Main
Kenworthy, Rudolph, 48 E Market
Liem, J. W. & Co., 215 S Main
Montanye, J. H., 36 N Main
O'Rourke, Bernard F., 320 Harzle
Pincus, Jacob, 278 E Market
Schuler Bros., 76 Hazle av
Spangelberger, Parry & Co., 642 S Main
Turner & Van Scoy, 52 S Main
White Hardware Co.
Williams, Chas. M., 3 S Meade
Williams Hardware Co., 167 E Market
Williams, Robert P. (Slate, Gravel & Asphalt), 23 Hakes av
WILKINSBURG—Britner, E. M. (Slate), South av & P. R. R.
Cruzan, Elmer E., 421 Kelly av
Kearns, H. Clifford, 805 Penna av
Kurtz Bros. (Slate & Metal), 706 Rebecca av
Marsh, B. & Son, 744 Penna. av
May, Jno. D., 755 Rebecca
Seybold, A. E., 520 South av
WILLIAMSPORT—Blaisdell, Frank W. (Slate), 641 Cherry
Bousch's, J. P. Sons, 148 Academy
Ernest, Galen
Kline & Co., 19 Market sq
Lieb, A. W. & Co.
Love & Co.
Rothrock, Joseph G., 207 Market
Schmidt, Henry S., 622 Campbell
Sipes, H. W., 601 W 3d
Stopper, L. D., 428 Hepburn
Thomas, Frank W.
Weiteroth Co., 329 Washington
Williamsport Hdw. & Stove Co., 750 W 4th
WIND GAP—Delp, Jo. J.
WRIGHTSVILLE—Birnstock Bros.
Wrightsville Hardware Co.
WYCOMBE—Overpeck, E. W.
WYNCOTE—Tyson, Edwin
WYNDMOOR—Aiman, Arnold (Slate & Metal)
YEADON—Nacey, Jno.
YORK—Behler, F. W.
Bush, Geo. E.
Getz, Jno. Sons, 115 W Market.
Hantz, L. B.
Heckert, D. P., 129 W Market
Horn, David, 211 W Market
Householder, H. S.
Kidd, Alex., 137 N George
Kottcamp., C. C. & Son (Slate)
Kraber, E. I. & Son, 214 W Market
Kuehn, Jacob L.
Lichtenberger, Chas., 631 E Market
Smith, H. E., 203 W Market
Wantz, Milton A.
York Corrugating Co.
YOUNGSVILLE—Mead, W. J.
ZIEGLERSVILLE—Shaner, Irwin S.

RHODE ISLAND.

BRISTOL—Bullock, R. D. (Gravel)
Waldron-Brownell Co.
CENTRAL FALLS—Allerson, Jos.
Martin, A. P. & Co.
CENTERVILLE—Clark, S. M.
Wilbraham, C. A.
E. GREENWICH—Lovell, G. B. & Co.
Sharpe, W. R. Hdw. Co.
E. PROVIDENCE—Crane, Jno. & Co. (Gravel, etc.)
GEORGIAVILLE—Bouchard, Jno.
HOPE VALLEY—Rogers, Walter
NARRAGANSETT PIER—Bristow, Jno. (Comp. & Gravel)
Griffith, Wm. H. & Co.
NATICK—Dailey Bros.
NEWPORT—Allen, Jos. S., 19 Spring
Bliss, Herbert, 48 Touro
Covell, Wm. K., Jr., 163 Thames
Gillies, Jno. (Slate, Tile & Gravel), 16 W Narragansett av
Goddard & Barlow, r 200 Thames
Marden, Jas. F., 328 Thames
Shepley, Wm., 7 Oak
Southwick, J. M. K., 185 Thames
Walsh Bros., 222 Thames
PASCOAG—Smith, James H.
PAWTUCKET—Carpenter, E. P. & Co., 28 N Main
Davis, Frank, 404 Main
Hunt, Jos. B., 73 N Main
McParlin, Owen, 24 East av
Maguire, J. T. Co. (Slate, Gravel, etc.), 118 Spring
Pawtucket Roofing Co., 54 Coyle av
Thornley Bros. (Gravel), 265 Lonsdale av
Wilson, S. C. & Son, 29 High
PEACEDALE—Doane, Felix
Hodge E. S. (Slate & Metal)
PHENIX—Snell, Byron A.
PROVIDENCE—Allenson Bros. (Metal), 9 Steeple
Appleton & Lee, 1880 Westminster
Baacke, Wm. & Co. (General), 38 Hay
Ballou, F. M. & Co. (Felt & Gravel), 1323 Broad
Bell, Hy. G., 9 Haymarket
Braley & McLaughlin, 18 Snow
Brennan, C. P. & Co., 1 Waterman
Bullock, Eben G., 361 Washington
Burgess, Jas., 254 Prairie av
Caffrey, Thos., 46 Abbott
Caniff, Jno., 74 Pettis
Capron, M. R., 24 Chalkstone av
Carney, H. & Co., 1088 Broad
Cartier, M. N. & Sons Co. (Gravel), 293 Canal
Catrell, Jas. E., 146 Smith
Chalk, T. C., 74 W River
Chase, S. Frank, 25 Randall
CLASON ARCHITECTURAL METAL Works (Inc.) (Slate, Metal, etc.), 428 Kinsley av. (See adv. index, end of book)
Crane, Jno. & Co. (Gravel, etc.), 158 Fort, E P
D'Amario, Antonio, 60 Arthur av
Daniels, Z. & G., 14 Cranston
Dash, Joe, 312 S Main
Deacon, Jas., 71 S Main
Del Deo, Sylvester, 140 Acorn
Enterprise Cornice & Skylight Works, 182 Dorrance
Greene, R. L. Paper Co. (Asbestos, 69 Washington
Harris, Clayton, 281 Canal
Hathaway, H. B., 48 Wilson
Hill, Jas. Mfg. Co., 56 Westfield
Holland, Frank, Union av
Johnston Concrete & Roofing Co. (Gravel), 654 Atwells av
Judd, Jas. J., 249 Smith
Keenan, John F., 42 Becon av
Kellogg, A. O., 250 Eddy
Keough, Daniel, 15 Bergen
Lamoureux, F. & Co., 39 Friendship
Lockwood, H. B., 115 Wentworth av, Edgewood
Lovegrove & Burlingame, 955 Westminster
McElroy, Jno. P., 24 College
McLaughlin, M. P., 18 Snow
Maguire, J. T. Co. (Asphalt, Felt, etc.), 75 Westminster
Milner, J. T., 300 Broad
Moore, J. W. Co. (Gravel, Asbestos, etc.), 143 Allen's av
Morse, F. W., 121 Dyer
Nash, Thos. H. J., 706 Craston
N. E. Ventilating & Heating Co., 928 Manton av
Phillips & Phillips, 90 Pine
Providence Architectural Metal Works, 237 Dyer
Providence Concrete & Roofing Co., 35 Westminster
Providence Cornice Co., 311 Canal
Providence Slate & Gravel Roofing Co. (Slate & Gravel), 55 Fountain
R. I. Concrete Co., 3 Custom House
R. I. Cornice Co., 76 Point
Ricciolini, G., 25 Lily
Sampson, J. A., 10 Summer
Shapiro, N. & Co., 8 Steeple
Smith Concrete Co., Banigan bldg
Smith & White, 158 Delaine
Specialty Jobbing House, 389 Canal
Spencer, Chas. W., 322 Cranston
Spencer, Frank C., 847 Manton av
Thompson, W. B., 853 Westminster
Thyng, J. T. Comp. & Gravel), 13 Market sq
Tracy, Wm. M., 330 Dean
U. S. Concrete Co. (Asphalt & Gravel), Banigan bldg
Walker, Preston R., 217 Broad
Whipple, Wm. L., 1850 Westminster
Wright, Wm. S., 111 John
RIVERSIDE—Brownell, John P.
TIVERTON FOUR CORNERS—Wilcox, Fred
WAKEFIELD—Ryan, M. A.
Sheldon, John L.
WARREN—Lent & Barry
Pardey, H. O.
WESTERLY—Chester, A. L. & Co.
DRYSDALE, ROBT.
Jordan, A. R.
Thorpe, Job
Westerly Concrete Co. (Tar, Gravel & Asphalt)
Willard, C. W. Hardware Co.
WOONSOCKET—Arnold, C. O.
Coburn, Fred S.
French, Oliver P. & Son (Slate, Metal & Gravel
Gobeille, F. J.
Mulvey, B. F. & Co.
Mulvey, Jno. F. Plumbing Co.

SOUTH CAROLINA

ABBEVILLE—Abbeville Hdw. Co.
AIKEN—Hyer, W. C.
ANDERSON—Archer & Norris
Burris & Divver
Osborne & Pearson
BATESBURG—Stokes, J. B.
CHARLESTON—Arnot, A. M., 172 Queen
Bartel, Michael, 72 E Bay
Beard, J. C., 576 King
Blake, C. W., 206 King
Campbell, Thos., 246 Meeting
Carey, B. P., 38 Reid
Cook, W. H. (C), 21 Calhoun
Droze, E. M., 553 King
Jersey, T. K., 21 Gladden
Masters, R. M., 127 King
Morris, R. J., 130 King
Palmer, Eugene (C), 223 Calhoun
Parker, W. J., 12 Tradd
Ray, J. R., 33 State
Regan, J. J., 202 King
Riley, R. J., 143 King
Roberts, J. H., 451 King
Sheperd Supply Co., 232 Meeting
Smith, J. E., 117 King
Torlay, F. L., 13 Beaufair
Welsh, Wm. & Son
Williams, T. J., 1 Archdale
Winthrop, A. J. (C), 190 King
CHESTER—Bewley Hdw. Co.
Murr, W. H.
COLUMBIA—Columbia Plumbing & Cornice Co.
Dozier, L. B. & Co. (Metal & Slate)
Lorick & Lawrence Co. (Slate & Metal)
DARLINGTON—Welling & Bonnaitt
Wilson & James
FLORENCE—Boinest, C. L. Hardware Co.
GAFFNEY—Carroll, Carpenter & Byars
GEORGETOWN—Ellis, D. L.
GREENVILLE—Barr Hdw. Co. & Roofing Co. (Slate & Gravel)
Cook, J. A.
GREENWOOD—Sproles, J. W.
LAURENS—Boyd, W. L.
Laurens Hdw. Co.
LOWNDESVILLE—Horton, E. R.
NEWBERRY—Johnson, Wm.
White, J. W.
ROCK HILL—Frew, S. T. & Co. (Metal & Gravel)
Westerlund, J. W. (Slate, Gravel & Metal)
SPARTANBURG—Ezell, S. B.
McCants, S. F.
Milster, W. A.
Montgomery & Crawford
UNION—Murrah, T. A.

SOUTH DAKOTA.

ABERDEEN—Champlin, R. L.
Kelley, Lawrence W.
Koch, Wm. H. & Son (Metal & Comp)
Witte Hdw. Co.

BROOKINGS—Gullick & House
CANTON—Sioux Valley Hdw. & Ip'l't Co.
Treat, F. H. & Son
CHAMBERLAIN—Metcalf, T. A.
DEADWOOD—Wilson, Kinney & Co.
HOT SPRINGS—Gillespie & Co.
LEAD—Coolidge & Bros.
Traut, Anthony
MADISON—Kundert & Fitzgerald
PIERRE—Greenough, Louis
Tillman, E. L.
Westlund, Ole
SIOUX FALLS—Booth, R. J. (Slate, Metal & Gravel)
Hackman, E. W. Hdw. Co.
Larson Hdw. Co.
Rummel Bros.
Sherman & Bratayar (Felt & Gravel)
Stallman, Jno.
Taylor, F. W. (Metal & Copper)
WATERTOWN—Brickle, L. E.
Rowe, A. L.
YANKTON—Gross, D. D.
Sampson, O. E.
Strube & Rathgeber
Veiling, Anton
Wiggins, T. L.
Yankton Heating & Plumbing Co.

TENNESSEE.

ATHENS—Lowe, W. A.
McGaughey, Jno.
BRISTOL—Bare & Skates Mfg. Co.
Brewer, W. P. & Sons
Leslie & Collins
Mitchell, Powers Hdw. Co.
Sweet, T. E. A. (Slate & Metal)
BROWNSVILLE—Forrest & Dupree
Neblett, W. R. & Co.
CHATTANOOGA—Bush & Co.
Chattanooga Roofing & Foundry Co.
Goodlake, C. W., 813 Broad
Green, W. T.
Holston, F. A.
McMahon, Jas.
Mountain City Stove & Mfg. Co., 623 Market
Snow, A. T. Co., 710 Market
CLARKSVILLE—Ahearn, J. P.
Elder, J. Ernest
Kincanno & Bro. (Iron & Tin)
McAllister & Kirby
Mehigan, C.
Wells & Burckett
CLEVELAND—Hawk & Heartsill
Tipton, E. C.
CLINTON—Mitchell, W. B. & Bro.
COVINGTON—Harson, H. C. & Co.
DICKSON—Anderson Hdw. Co.
DYERSBURG—Dyersburg Hardware & Furniture Co.
Osborn, B. P.
FAYETTEVILLE—Blakemore, J. A.
Fayetteville Plbg. Co.
Hobbs, Sugg & Hobbs
Robertson & Goodrich
GALLATIN—House, Jas. & Son
House & Maddox
GREENFIELD—Brock, E. N. J.
Dudley, J. W.
HARRIMAN—Edington Bros.
Salyers, Thomas D.
JACKSON—Anderson, G. C. (Metal & Slate)
Cockrill Bros.
Jackson Roofing Co.
Reavis, R. A.
JOHNSON CITY—Pierce Bros.
Summers, Barton & Parrott
White, S. B.
KNOXVILLE—Chandler & Co. (Gravel)
Cruze, John (Slate), 419 S Gay
Hatcher, Sam
Hill, Lloyd & Co.
McClung, Buffat & Buckwell
Moriarity, D. F.
Mundy & Gredig
Williams, G. R. (All Kinds)
MEMPHIS—Bartholomew Roofing Co. (Asphalt, Gravel, Felt, etc.), 412 2d
Burdick, A. W. & Co. (Slate & Metal), 22 Hernando
Cubbins, F. D. (Slate & Metal), 402 2d
Dush & Schaefer (General), 107 Poplar
Eichberg, W. L. (Slate & Metal), 63 Jefferson
Fisher, J. A. & Son, 625 Grecnlaw
Fritz, E. H. (Slate, Metal & Composition), 152 Front
Linehan, D., 558 Orleans
Manogue-Pidgeon Iron Co, (Metal), 228 2d
Nohsey & Schwab (Slate & Metal), 412 2d
Wessendorff, Chas. (Slate, Tin & Iron), 196 Main
NASHVILLE—Adamant Stone & Roofing Co., 128 S Front
Bittner, I.
Broad Street Stove & Tinware Co., 315 Broad
Cammerer, H. & Son (Slate & Metal), 227 N Market
Gray & Dudley Hardware Co.
Grewar, David Co.
Howell, Geo. W.
Jones & Hopkins Mfg. Co.
Kadel, L. J.
Kane, Martin & Bro.
McDowell, J. P.
Murphy, W. L. & Co., 129 N Market
Murray, E. T. & Co. (Slate, Tile & Metal), 167 N College
Nashville Chemical Co., 919 N Front
Parmer, H. E., 420 Deadrick
Phillips & Buttorff Mfg. Co., 217 N College
Phillips & Co., N Market, c Bank al
Smith, Herrin & Baird
Zimmer, A. & Son, 120 N College
SOMERVILLE—Leach, W. H.
SPARTA—Hull, W. W.
TRENTON—Smith, C. F. Co.

TEXAS.

ABILENE—Daniel & Shackelford
Hughes, Edw. S. & Co.
Paxton, George L.
ALBANY—Taylor, J. C. & Co.
ALVARADO—Park, C. H.
AUSTIN—Arlitt, Max
Brush, George A. (Slate & Gravel), 900 Congress av
Teagarden & Shumate (Slate), 623 Congress
BASTROP—Starcke, R. & G.
BEAUMONT—Battle & Booth
Eastham, A. R.
Eastman, E. E.
Sanders, Harvey
Walkenshaw, Wm.
BELTON—Hamilton & Kigley
Tulloch, R. E.
BIG SPRING—Kennon, W. S.
BONHAM—Wells, F. P.
BOWIE—Gardner, W. T.
McDaniel, R. W.
BRENHAM—Lange Mfg. Co.
BROWNSVILLE—Aschenberger, Mrs. C.
BROWNWOOD—Hurlbut Hardware Co.
Weakley Hardware Co.
CLARKSVILLE—Bagby, G. W.
Wigton & Grant
COLORADO—McMurry, Y. D.
Moeser, W. H.
CORPUS CHRISTI—Bluntzer Hardware Co.
CORSICANA—Caldwell, W. C. & Co.
Fewell & Jester
Johnson & Wood Hdw. Co.
Lee, L. H.
Tatum, W. M. Hardware Co.
DALLAS—Buckclew, O. O. (Comp.), 387 Main
Burke, Wm. D. (Slate & Metal), 128 N Akard
Hinckley, David G. (Slate & Tin), 604 S Harwood
King, T. F. (Gravel & Comp.), 241 S Houston
Payne, Frank T., 588 Elm
DENISON—Blair, James A. (Slate & Metal)
Dollarhide & Harris
DENTON—Evers, A. F.
EL PASO—Bloom, H. F.
Momsen & Thorne
ENNIS—Blakey, J. & Co.
Craig & Dunkerly
FORT WORTH—Atwell Cornice Co. (Tin, Iron & Slate)
Bryce, Wm. (Felt, Gravel, etc.)
Coughlin, Thos. A.
Crouch Hardware Co.
Diefenderfer & Bressler
Fear & Register
Gibbons, H. B.
Huffman Roof Paint Co. (Gravel
Lewis, H. H.
Little Bros.
Nash Hardware Co.
Nash & Hodgson
Palmer, Austin D.
Waynock, Chas. N.
Wills & Tyson (Gravel)
Wilson, R. P.
GAINESVILLE—Calkins, David
GALVESTON—Fedder, Albert
Fredericks, W. G. (Tin & Iron), 2313 Av A
Miller, W. H.
Opperman, H. C., 1811 Market
Werner, Geo. P. (Slate & Metal), 1628 Winnie
GILMER—Croley, J. F.
Douphrate, Fred.
HILLSBORO—Smith & Tomlinson Co. (Metal & Gravel)
HOUSTON—Behee, Stephen F., 1711 Providence
Bennett, M. D., 1212 Hardy
Berger, Albert (Slate, etc.), 1606 Congress av
Brown, Chas. J., 1310 Milan
Browne-McLaughlin Co. (Slate & Tile), 209 Main
Goodpasture, Thos. B., 802 Sabine
Hennion, A. Z. (Gravel, etc.), 1617 Congress
Himstedt, W. F., 1208 Congress av
Necco & Eisemann (Slate & Metal), 703 Franklin av
Perry, J. D., 1513 Liberty
Price, A. D. (Shell & Gravel), 1014 Franklin
Puls, H., Jr. (Slate & Metal), 1401 Wash'n
Robinson & Porter, 1621 Montgy.
Schlom, M. J., 503 Preston av
Shannon, G. S., 905 Commerce
LA GRANGE—Streithoff, Aug.
LAREDO—Deutz, A. & Bro.
Netzer, Jos.
Siros, A.
McGREGOR—Lec, Wm. & Co.
MARSHALL—Logan & Whaley (Slate & Gravel)
MOODY—Clay, A. R. & Co.
ORANGE—Sabine Supply Co.
PARIS—Allen, M. F. Hardware Co.
Bettes, H. S. Hardware Co.
Burke, Jas. F.
Dyer, J. G.
Hancock, J. H.
PITTSBURG—Hanna, S. L.
SAN ANTONIO—Dean, J., Jr.
Feuerbacher, F. J., 107 E Houston
Jewett Cornice & Roofing Co., 203 Soledad
Peters, Aug., 604 Market
S. A. Sheet Metal Works, 115 Losyoa
Vodrie & Cooper (Slate & Metal, 125 W Commerce
Walsh, T. P., 223 Losyoa
White, Geo., 227 St. Mary
SHERMAN—Lentz & Opel
Roberts, Sanford & Taylor Co.
Sherman Plbg. Co.
Walsh Hdw. Co.
Wright, Wm. T.
SULPHUR SPRINGS—Miller & Miller
Wiegers, Theo.
TEMPLE—Brunner & Gardenheir
TERRELL—McClung & Co.
Muckleroy & Dew
TEXARKANA—Chatfield & Buhrman Hardware Co.
Hoffman Hdw. Co.
Hoffman, J. G.
Schicker, J. T.
Texarkana Hdw. Co.
TYLER—Daglish-Merc & Mfg. Co.
Dickie, J. C.
Roebuck & Son
VERNON—Hampton, Wm.
Swartwood & Co.
VICTORIA—Mackrell, W. H.
Praeger, Wm.
Sengele, A. T.
WACO—Goodall, Chas.
Lewis, W. S.
Lewis & Pouncey
Strauss, Ed (Gravel)
Torbett & Germond
WEATHERFORD—Lowe-Carter Hdw. Co.

UTAH

EPHRAIM—Jensen, F. Y.
LOGAN—Everton, M. C.
Wadman, H.
OGDEN—Newman, W. E.
Simmons, J. C., 220 Wash'n av
PROVO—Blumenthal, H. G.
Fisher, Aug.
Martin, Thos.
SALT LAKE CITY—Backman, S. C., 154 S 6th, W
Backmann, W. J.
Carthey & Dumbeck
Cornforth & Pond, 257 S Main
Dangerfield Bros. & Richardson, 65 E 2d, S
Doyle, Geo. G. & Co.
Higson & Rossiter
Johnson, J. A.
Kingdon Bros.

Midgeley Bros.
Midgeley, D. & Co.
Mitchell, H., 71 S State
Neelands, Abraham, 69 W 1st, S
Salt Lake Hdw. Co., 42 W 2d, South
Schoppe, F. E. & Co. (Slate & Metal)
Woolley, Taylor H.

VERMONT.

ALBANY—Darling, J. B.
ALBURG—Scriver, F.
BAKERSFIELD—Grant, H. E.
BARNET—Wallace, Jno. S. T.
BARRE—Phelps Bros.
Prindle & Averill
Reynolds & Son
Russell, Baird & Co.
BELLOWS FALLS—Allbee, Geo. B.
Bodine & Davis
Pierce, Ned (Slate)
BENNINGTON—Hurley, James E. (Slate)
Potter, C. H.
Willoughby, H.
Winslow & Remington
BRADFORD—Libbey Bros.
BRANDON—Button, F. R.
Phelps, Charles R.
BRATTLEBORO—Cox, A. V., 38 Main
Fleming & Crown
Galvin, Jno.
Hall, George H. (Slate)
Rowe, Hy., 5 Green
Willard, Frank E. (Slate)
BRISTOL—Farr, S. D.
Wells, J. R.
BRIDGEWATER CORNERS—Johnson, W. D.
BURLINGTON—Blodgett, G. S. Co., 191 College
Buckley, W. H. & Co., 198 Main
Hathorne, A. C. (Slate, Gravel & Metal), 133 S Winooski av
Moore, E. F. (Felt & Gravel), 144 College
Wheelock, Timothy A.
CABOT—Drew, Jas. T.
CANAAN—Watts, Saml. E.
CHESTER—Miller Bros.
CUTTINGSVILLE—Eitapene, H.
DANBY—Smead, W. D.
DERBY—Hay, Jno. C.
EAST CALAIS—Sanders, Geo. E.
EAST FAIRFIELD—Leach, F. P.
ENOSBURG FALLS—Burns, Jno. H.
ESSEX JUNCTION—Teachout, W. S.
FAIRFAX—Smith, K. L.
FAIRFIELD—Perry, D.
FAIR HAVEN—Bryant, O.
Norton, B. H.
GREENSBORO BEND—Pope, J. H. Co.
HARDWICK—Hardwick Hardware Co.
HARTLAND—Fletcbher, H. T.
HINESBURG—Reed, P. & Co.
JACKSONVILLE—Reed, E. P.
JOHNSON—Riddle Bros.
LONDONDERRY—Holt, P. R.
MANCHESTER—Lawrence, George A.
MANCHESTER DEPOT—Davis, A. J.
MIDDLEBURY—Calhoun, A. & Son
Farnsworth & Co.
Stewart, J. H.
MONTPELIER—Barrows & Peck
Blanchard, F.
Davis, E. E.
Peck Bros.
NEWPORT—True & Blanchard Co. (Slate, Metal, Gravel, etc.)
NORTHFIELD—Spaulding, A. F. (Felt)
Tillotson, George W.
PITTSFORD—Connally, Michael
POULTNEY—Horton, M. J. & Son
Jones & Roberts (Slate)
RANDOLPH—Lamson, J. H. (Iron & Tin)
RUTLAND—Channel, George H.
Connelly & Loveland
Dunn Bros.
Kingsley, L. G.
Landon, W. C. & Co.
Pratt, G. W. & Co.
Tracy, Francis
ST. ALBANS—Green, S. C.
Leahy, Jas. M.
ST. JOHNSBURY—Farnham & Albee
Goss, C. H. & Co.
SPRINGFIELD—La Fontaine, Staples & Co.
SWANTON—Martin, H. F. & Son (Slate & Asbestos)
Wead Hardware Co.
VERGENNES—Harrington, J. A. & Co.
Hudson, Robert
WATERBURY—Ayers, O. L.
Smith & Somerville
WEST RUTLAND—Pratt, G. W. & Co.
WHITE RIVER JUNCTION—Bagley, E. H.
Billings, Frank P.
Martin, A. C.
Nott, Hiram L.
WILLIAMSTOWN—Robinson, N. B.
WINDSOR—Reed, Samuel A.
Stone, Penniman & Blake
WINOOSKI—Bigwood, S.
Shipman & Allen
WOODSTOCK—Pinney, B. H. & Co.
Wardwell, E. F.

VIRGINIA.

ABINGDON—Cubine, S. B. & Co.
Grim, D. S.
ALEXANDRIA—Baader, Hy. & Sons
Beach, Leroy, 210 King
Carlin, J. F. Sons & Co.
Hanrahan, Michael A., 626 King
Hoy, Thomas, 600 King
Mansfield, J. H., 515 King
Newton, C. M., 105 N Henry
Norris, Geo. A.
Reynolds, George M.
AMHERST—Cox Hdw. Co.
BEDFORD CITY—Chase, W. P.
BERKLEY—Hampton, J. M.
Meginley, W. C.
West, James W.
BERRYVILLE—Bowman, Isaac
Marks, J. W.
BLACKSBURG—Effinger, J. P. & Co. (Slate)
BLACKSTONE—Harris, Dillard Hardware Co.
Stokes, Williams & Co.
BRIDGEWATER—Wine Bros.
BUENA VISTA—De Priest, Robert A.
CATLETT—Marks, B. F.
CHARLOTTESVILLE—Baxter, S. S. & Co.
Kelley, J. C. &Son
Martin, W. T.
Thomas, R. L. (Slate & Metal)
CHATHAM—White, W. E. & Bro.
CHRISTIANSBURG—Smith, H. P.
CLIFTON FORGE—Coutts, Gordon
Smith & McKinney Hardware Co.
COVINGTON—McMunn, J. B.
West Virginia Heating & Plumbing Co.
CULPEPPER—Thomas, W. A.
DANVILLE—Flynn, J. A. & Co.
Piedmont Hardware Co. (Slate)
Virginia Hardware Co.
EAST RADFORD—(See Radford)
EDENBURG—Wineberg, J. W.
FALLS CHURCH—Seay, Chauncey
FARMVILLE—Noel Bros. & Gill
Lettner, Edw.
Wall, H. E.
FRANKLIN—Pace, W. T.
FREDERICKSBURGH—Cain, E. J. & Co.
Scott, J. F.
FRONT ROYAL—Forsythe, J. F. & Co.
Gilkey & Son
Striker, W. H.
HAMILTON—Myers, Nathan
Myers, W. C. (Slate, Gravel & Metal)
HAMPTON—Copeland, Joseph F.
Council, J. C.
Williamson & Bridgeforth
HARRISONBURG—Burke, Jno. P.
Saum, John R.
JONESVILLE—Lee, O. C.
LEESBURG—Thomas, W. H.
Thompson, E. E.
LEXINGTON—Anderson, R. S.
Keffer, Giles
Rhodes, F. P.
LOUISA—Young, W. H.
LURAY—Campbell, J. W.
Stover, Frank E. Co.
LYNCHBURG—Diuguid & Co.
Doherty & Casey
Dormin, Thos. B. Co.
Price, N. L. & Son
Snead, J. R.
MADISON—Teasley, George R.
MANASSAS—Davis, A. P.
MANCHESTER—Fahr, Augustus W., 1203 Hull
Burkert & Williams, 1023 Hull
MARTINSVILLE—Cheshire, J. W. & Sons
MONTEREY—Arbogast, C. C.
NEW MARKET—Crim, G. W.
Roberts, J. W.
Roberts, R. W.
Wickes, H. C.
NEWPORT NEWS—Lipman, A.
Richter, Geo. M. & Co.
Roth, Frank
Wolford-Evans Plumbing Co.
NORFOLK—Addenbrook's, J. U. Sons (Gravel, Felt, Cement), Monticello av & Wolfe
Barnard, W. H. & Co.
Battley, Geo. W. (Slate & Metal), 341 Church
Bohn Roofing & Cornice Co. (Asphalt, Felt, Slate, Metal, etc.), 15 Plume
Cachelin & Cherry, 345 Church
Carey, Thos. J., 88 Bank
Crow, Geo. L. (Metal), 85 Granby
Douglas, Chas. A., Lambert's Pt
Evans, Chas. G., 135 Gibbs av
Foster, Samuel L. & Sons (Gravel, etc.), 6 Plume
Guy, E. E. & Sons, 35 Bank
Hartman, Wm. H., 350 Chapel
James, J. L. & E. W. (Metal), 95 Brooke av
Kavanaugh, Edw. P., 12 Union
Kiernan, Jas. V., 137 Bank
Mahone, Charles D. (Slate), 373 Church
Messick, L. E. (Metal), 14 Cove
Muller, Wm. B., 50 Bank
Shepherd, W. J. & Co. (Metal), 595 Church
Smith, Frank P. & Co., 211 Monticello av
Thomas, T. W. & Co. (Slate, Metal, Tile, etc.), Monticello av & Freeman
Watson, Geo. E., 82 Wolfe
PETERSBURG—Bangley, N. J.
Johnson, J. R.
Johnson, T. J.
Marks & Marks
Price, J. W. & Son (Slate)
Somers, W. H. & Co.
PORTSMOUTH—Adams, Edgar S., 703 Middle
Hewitt, J. D.
Maddrey, Chas. T.
Thomas, T. W. & Co. (Metal & Tile), 203 Queen
Virginia Slate Roofing Co. (Slate)
Whitehurst & Riley, 516 Crawford
PULASKI CITY—Moore, H. S.
RADFORD—Kirby, J. M.
RICHMOND—Anderson, Jno. W., 710 E Main
Armitage Mfg. Co. (Gravel, Slag & Comp.), 3200 Williamsburg av
Barrett, Wm. S., 1301 E Franklin
Beckley, C. F., 317 N 5th
Berger, B. A., 2209 E Main
Burton, Reuben, 819 E Carey
Chalkley, Wm. T., 505 Louisiana
Chappell, Jas. H., 724 E Main
Dalton, F. S. & Co., 16 Governor
Dean, Geo. F., 208 E Marshall
Grimmell's, H. Sons, 304 E Broad
Haley, Jno. H., 1211 W Main
Haley, Werth W., 116 S Cherry
Hayes, Jas., 821 E Main
Hilton, Sidney H. 113 W Duval
Holzhauer, Henry, Jr., 510 E Broad
Howle, Jas., 409 W Cary
Klein, N. & Son (Gravel), 620 E Broad
Leidy, Chas. C., 312 N 21st
Lindsay, Louis, 501 W Broad
Mahoney, W. F. & Co., 707 E Main
Manning, Christopher, 1443 E Main
May, A. H., 212 N 5th
Messerschmidt, Henry, 214 W Broad
Mountcastle & Co., 311 W Broad
Myer Wm., 8 Temple al
Pemberton & Benson, 320 E Broad
Phillips, Jas. E. & Son, 1421 E Main
Phillips, Rogers Co., 818 E Broad
Pitt, Geo. R., 807 N 26th
Rose, John E. & Co., 800 E Broad
Rose, J. H. & Co., 1427 E Main
Shortell, J. J., 915 N 2d
Smith, J. N. & Co., 2021 E Main
Stukenberg, Bernard, 821 Brook av
Williams Slate Co. (Slate), 18 S 9th
ROANOKE—Calbreath, Thos. P., 414 1st, S W
Engleby & Bro. Co. (Slate & Metal), 17 Salem av, S W
Fairfax & Bell
Farrar, Jas., 123 Salem av
Hesser, W. R.
Kennard, A. J., 130 Campbell av, S W
Markley, G. E. & Co., 207 2d, S W
Possin, Thos. & Co., 110 2d, S W
SALEM—Brown, F. W.
Deyerle, W. O.
SHENANDOAH—Redfern & Campbell
SOUTH BOSTON—Nesbit, Chas. A.
STAUNTON—Flavin & Watson
Gregory, C. O., Jr.
Grubert, W. A.
Hager, F. W.
Pemberton & Marston
Tanner, Chas. & Co.
SUFFOLK—Farley, W. J. (Slate)
Folk, E. L. & Co.
Norfleet & Bro.
Weyhmann, Max
TAZEWELL—Miller, L. E.
UPPERVILLE—Bradfield, J. E.

VINTON—McLean, Daniel
WARRENTON—Houchens, T. M.
Martyne, B. F.
Wood, D. P. & Co.
WAYNESBORO—Brady, S. L.
Fry, A. C.
O'Connor, D. L.
Parrish, W. A.
WEST POINT—Davis, W. C.
WINCHESTER—Grove, O. P.
Solenberger, J. S. & Co.
WOODSTOCK—Bauserman, H. W.
WYTHEVILLE—Patterson, B.
Patterson & Umbarger
Peck, Jno. A.

WASHINGTON

ABERDEEN—Cook, H. L. & Co.
Pinckney, C. A.
BALLARD—Curtis, Wm. M.
CENTRALIA—Bower, B. F. & Son
McNitt, Frank T.
COLFAX—Barroll & Mohoney
Kuhn Hdw. Co.
DAVENPORT—Campbell, W. G.
Thomas, L. H.
DAYTON—Ferguson, S. A. & Son
Gilmour, T. B.
ELLENSBURGH—Hornbeck, G. W.
EVERETT—Agnew Hdw. Co.
Pacific Hardware Co.
Westover Hdw. Co.
HOQUIAM—Fesenfeld, W.
NORTH YAKIMA—Keck, E. O.
Yakima Hdw. Co.
OLYMPIA—Binheimer, W. W.
Jones, M. W.
Olympia Hdw. Co.
PORT TOWNSEND—Delgardo, Jas., Jr.
Sheehan Hardware Co.
PUYALLUP—Hood, Chas.
SEATTLE—Allen, W. D., Dexter Horton bldg
Brown, G. H., 221 Pine
Dale Plumbing, Heating & Cornice Co., 112 Marion
Elaterite Roofing Co., Arcade bldg
Elsholtz, Frank, 8th av, S, nr Pacific
Feringer, Henry, 2224 1st av
Hein, Frank A., 2003 1st av
Hein, Louis N., 701 Pike
Noon, S. A., 1807 7th av
Pacific Paint Co., 1322 Post
Palmer, A. D. & Co. (Metal, Pitch & Gravel), Commercial Dock
Puget Sound Sheet Metal Works, 1318 Western av
Rautman Plumbing & Heating Co., Arcade Way
Richards, J. W., 322 Railroad av, S
Rustard-Smith, 215 Yesler Way
Scherer Plumbing & Heating Co., 316 Union
Smith, Chas. B. Co. (Inc.), 1924 Western av
Stickels, Howard K., 1018 3d av
Sullivan Bros., 112 Union
Tolsma, R. B. & Co., 309 Occidental av
Val Alstine, G. A., 427 S 22d
Washington Cornice Co., 1301 Western
Young & Potter, 1101 3d av
SPOKANE—Brandt Bros.
Brown Bros. (Slate, Metal & Comp.)
Brown, Wm.
Holley, Mason, Marks & Co.
Jensen-King-Byrd Co.
Schrimpf, Chas. G.
Spokane Hdw. Co.
Woodward, J. D.
TACOMA—Cizek, A. F. (Metal, Asphalt, Gravel, etc.)
Coffey, Wm. B. Plbg. Co.
Heald, J. B.
Hunt, J. & B. Co., 716 Pacific av
Miller, Edw. Cornice & Roofing Co. (Metal & Gravel), 940 Railroad
VANCOUVER—Healy, J. J.
Sparks, M. R.
WALLA WALLA—Drumheller Co.
Gaston Bros.
Loehr & Flanders
Sauze, Ed. E.
WATERVILLE—Carpenter & Maltbie
WHATCOM—Browne, L. O.
Hinsdale Hdw. Co.
Morse Hdw. Co.
Stoddard, C. W.

WEST VIRGINIA.

BERKLEY SPRINGS—Ambrose, C. P. & Bro.
BLUEFIELD—Bluefield Hardware Co.
Heffner, O. V.
Whitlow, M. G.
CHARLESTON—Brawley, D. A. (Slate & Metal)
Eskew, Smith & Cannon
Shawyer, W. F. Co. (Slate & Metal)
Wolf, J. C.
CHARLESTOWN—Easterday & Co. (Slate & Metal)
Russell, J. W.
CLARKSBURG—Batton, J. A. Co.
Tate & McCune
Trimble, W. E.
FAIRMOUNT—Hough, C. D.
Hough, W. A.
Morgan, Z. W.
Morris, J. S. & Son
Reed Plbg. Co.
Stealey, Joshua F.
GRAFTON—Caveney, Jno. F.
Preiss, J. G. & Sons
HUNTINGTON—Hagan & Co. (Slaters)
Johnson, C. A.
Miller & Co.
Wilcoxen, Chas. F.
MARTINSBURG—Blondell, Jno. H.
Keedy, C. Chas.
Moore & Gardner
MORGANTOWN—Kellar, J. U. & Co.
NEW CUMBERLAND—Filson, H. G. & Son
Young Hardware Co
PARKERSBURG—Bosbury Bros.
Dickel, Jno. & Sons (Slate & Metal)
Sharp & Kerns (Slate & Metal)
PHILLIPPI—Woodford, Geo. L.
RONCEVERTE—Eagle & Ott
SALEM—Nutter, H. D.
SHEPHERDSTOWN—Marten, H. C.
SISTERSVILLE—Abrams, Fred.
WELLSBURG—Charnock, J. M. (Metal & Slate)
Warden, Wm. J.
WESTON—Lockhart, H. T.
Schmidt M.
WHEELING—Albinger, Philip
Arkle, Jos. M., 3317 Jacob
Bayha, D. H., 1917 South
Caldabaugh, G. W. & Bro.
Caldwell, B. F. & Co. (Slate & Metal), 1508 Market
Jones, Jno. H., 29 12th
Nesbitt, Wm., 2259 Market
Nesbitt & Bro., 1312 Market
Pfingst, Henry
Rolf, H. G.
Schenerlein, C. E. (Slate & Metal), 20 Zane
Vogler, Jos., Jr. (Slate & Metal), 2128 Main

WISCONSIN

ADDISON—Weiss, S.
ADELL—Seifert, Anton
ALGOMA—Meyer Bros.
APPLETON—Bosser, Wm.
Galpin's, Alfred Sons
Hauert, Jacob J.
Kloepfel, Wm. E.
Konrad, Wm.
Schiedermayer, Geo.
Schlegel, H. J.
Schlafer Hdw. Co.
Tesch, Wm.
ARGYLE—Hendrickson, H. J.
ASHLAND—Ashland Hdw. Co.
Cooper, G. N.
French, R. W. & Son
Garnich, Emil & Sons
BARABOO—Gaskell, F. N.
Lee-English Hdw. Co.
BELOIT—Newton & Zimmerman
Watson & Andrea
BERLIN—Peck, C. A. Hdw. Co.
Wood, Bert T.
BLACK EARTH—Fesenfelt & Barber
BLACK RIVER FALLS—Stegmire, Geo.
BOSCOBEL—Beimborn & Nauert Hdw. Co.
BOYD—Ludowise, N. & Son
BURLINGTON—Wagner, C. B.
CASCADE—Ruppenthal, A.
CEDARBURG—Groth, Henry G.
Lehmann, C. W. & Bro.
CHIPPEWA FALLS—Hoenig Bros.
Koep, Otto
CLEVELAND—Belitz Bros.
COLUMBUS—Baumgarten & Schulze
Pieper, C. F.
DELAVAN—McCoy, W. L.
DE PERE—Gowey, A. L. & Co. (Felt & Iron)
Pratsch, G. G.
CUBA—Kellner, C. & Son
DALE—Brock, C. A.
EAU CLAIRE—Hobbs, W. H.
Schlegelmilch, H. F. Hardware Co.
Wood, A. C.
EDGAR—Punchner, A. W.
ELLSWORTH—Erickson, E. J.
EVANSVILLE—Baker, F. A. & Co.
Baker Mfg. Co.
Evansville Mercantile Ass'n
FON DU LAC—Bennett, W. E.
Brenner, Jacob
Cheney, S. H.
Diedricks, F. W.
Haensgen, J. H.
Harrop, James
Murphy & Murphy
O'Halleran, M. J.
GRAFTON—Schmidt, F.
GREEN BAY—Brown & Tickler
Cooke, W. D.
Danz, Heilmer
Findelsen Bros.
Fontaine, B. Hardware Co.
Francois, Jos. P.
Green Bay Cornice & Cor'g Co.
Hambitzer, Joseph
Harris, Theo. E. (Slate & Metal)
Kimball, A.
Stolts, W. G.
Van Veghel Bros.
HALES CORNERS—Mead, Jno.
HARTFORD—Esser & Schmidt
Kissel, L. & Sons
HAZEL GREEN—Edwards, Jas.
Grieves, Robt. D.
HUDSON—Crosby, E. A.
HURLEY—McConnell Hdw. Co.
Voight & Christensen
JANESVILLE—Lowell Hdw. Co.
McNamara, H. L.
Roesling, J. C.
Sheldon, A. H. & Co.
Truesdill, E. A.
KAUKAUNA—Butler Bros. (Tin & Metal)
Feller, Peter (Tin & Metal)
Hass & Hohmann (Tin & Metal)
KENOSHA—Dewey, C. A.
Fay, Geo. W.
Jansen, T. E.
Skidd, Chas.
KEWASKUM—Smith Bros.
KIEL—Simon, G. H.
LA CROSSE—Gass, Anthony, 316 S 3d
Lange, D., 624 S 3d
Smith, J. W.
LAKE GENEVA—Cobb Hdw. Co.
Moore, F. S.
LANCASTER—Ziegler Bros.
LA VALLE—Eder Bros.
LENA—Libal Bros.
MADISON—Stephenson & Studemann (Slate & Steel)
MANAWA—**DAVIDS & KINSMAN**
Shipman, H. E.
MANITOWOC—Rand & Roemer Hdw. Co.
Rathsack, Wm. & Sons
Schaus, Nichols
Teitgen, Emil
Wallschlaeger's, Jno. Sons
Wernecke & Schmitz
Worel & Zeman
MARINETTE—Norton, C. H.
Simcox, H. B. & Co.
Watson Bros. (Asbestos & Metal)
Westlund, August
MENOMONEE FALLS—Thomas, Fred.
MENOMINIE—Brennan, D. C.
Lucas, Carroll
MERRILL—Fehland, H. R. & Co.
Mittelstedt, Wm.
Montgomery, F. M.
Wenzel, Gustave
MIDDLETON—Manning, W. J. C.
MILWAUKEE—Arndt, Wm. F., 520 Murray av
Badger Roofing Co. (Gravel, etc.), 318 Poplar
Bauschek, Dominick, 503 12th
Beach & Tonnsen (Slate, Metal & Tile), 51 3d
Biersach & Niedermeyer Co. (Slate, Tile & Metal), 216 5th
Bishop, John, 1329 Cherry
Boehm, J. Stove Repair Co., 290 W Water
Bogenberger, F. & Bro. (Slate, Tile & Metal), 267 6th
Bretzel, Herman J., 1904 Fond du Lac av
Bruss Bros., 648 12th
Buttles, Fred. S., 7 Clybourn
Caspari, Chas., 364 E North av
Clark, J. S., 399 Potter av
Coorsen, Louis, Jr. (Comp.), 316 16th
Cox, Jos. L. (Slate, Tile & Metal), 138 6th
Cream City Paint Co., 115 Wisconsin
Duehm, Fred W., 288 6th
Feix & Goethel, 818 Winnebago
Gallun, Fred, 513 E Water
Geuder & Pasechke Mfg. Co., St. Paul av & 15th

GILMAN SNOW GUARD

103 Merrimac, Boston, Mass. (See adv. index, page 1200)

Gottschalk Bros. (Comp. & Metal), 961 4th
Green, David D., 215 6th
Groeschel, Jacob H., 1513 Lloyd
Grounke, Aug., 2881 Vliet
Hammann, Wm., 752 4th
Henrich, Theo. A., 584 Walker
Hesse, E. & Co. (Comp., etc.), 456 B'way
Hilgeo, Edw., 987 4th
Hoffmann, Louis, 463 5th av
Hoffmann & Baur, 279 Lake
Hoffmann, C. & Co., 861 Cambridge av
Hollitz, Frank J., 1338 Green Bay av
Hollitz & Bogenberger, 445 Jefferson
Kauper, John W., 488 12th
Kilberth, Jos. A., 1522 Walnut
Klubertanz & Strohmeyer, 2325 Fond du Lac av
Krsek, Anton, 1209 Chestnut
Lauterbauch, Geo., 324 Ogden av
Lindermaier, Hans, 108 Clybourn
Lorch, Wm. P., 928 Winnebago
Martin, Gottlieb F., 692 24th
Merz & Co., 828 Winnebago
Millen, Frank & Sons (Slate, etc.), 247 Orchard
Millen, Wm. (Slate, etc.), 849 34th
Milwaukee Corrugating Co., S Bay, nr Aldrich
Mohr, Robt., 730 Concordia av
Monsted, A. & Co. (Comp.), Pabst bldg
Mueller, L. J. Furnace Co., 197 Reed
Naczek, Jacob (Comp.), 1135 N Water
Northern Mfg. Co., 395 3d
Patterson, Wm. E., 660 3d
Pietsch, Ferd., 619 Cedar
Riedl, Geo. B., 524 Clarke
Roeder, Chas., 1160 5th
Romberger, Jos., 2115 Cherry
Salentine & Lavies, 482 National av
Schaetzke, Herman, 785 7th
Schmidt, Jno. P., 2443 Center
Schmitt, F. & Sons Co. (Slate, Tile & Metal), 301 4th
Shaw, Hy. H. S., 2918 Clarke
South Side Roofing Co. (Comp. & Gravel), 257 Reed
Stachowiak, Chas., 949 8th av
Stein, David, 702 Market
Stock, Chas., Jr., 666 N Water
Stone, Henry, 279 Grove
Toombs, Jas., 3613 Wells
Van Brunt & Skeoch, 147 6th
Weber, Frank, 207 Howell av
Western Ventilating & Chimney Cap Co., 497 B'way
Winding & Gezelschap (Gravel, Asphalt, etc.), Pabst bldg
Wisconsin Sheet Metal Works, 345 33d av
Witte, John E., 735 9th

MONROE—Churchill, E. N.
Kundert Hdw. Co.
Lauze, Fred
MONTICELLO—Breylinger, F. J.
NASHOTAH—Wagner, Chas. M.
NEW GLARUS—Hoesly Bros.
NORTH PRAIRIE—Hess, Frank E.
OCONOMOWOC—Lorleberg, H. Co. (Inc.)
Smith & Meadows
OCONTO—Barlament, H. M.
Delaporte, C. J. L.
LeMieux, E. A.
Smith Bros.
OREGON—Marvin & Kiser
OSHKOSH—Bridge, Louis, 49 Market
Cornelius, Frank
Dimpsey, L. & Co., 277 Main
Dugan, P.
Fullam, G. A.
Hasbrouck, F. M., 269 Main
Krippene Hdw. Co., 106 Main
Leach, Frank Hdw. Co., 30 S Main
Marden, P. L. & Bro. (Comp. & Gravel), 85 Bond
Menzel & Kempf, 52 Oregon
Pratsch, John G., 43 Ceape
Terwedo & Warning
Wille, F. Co., 29 Main
PESHTIGO—McGraw, F. E.
PORTAGE—Lewis, H. G.
Wells, J. E. & Co.
PRAIRIE DU CHIEN—Beach Bros.
RACINE—Anderson & Fritz
Dixon, John & Co., 306 6th
Gleason & Hughes Plbg. Co.
Jones, Jno. O.
Mohr-Jones Hdw. Co.
Morris, Harry & Co.
Murphy, James, 614 State
Raymond, H., 337 Main
RANDOM LAKE—Franzen, G.
REEDSBURG—Ellenberg & Ost
Siefert, Aug. Hardware Co.
Webb & Schweke
RHINELANDER—Dunn & Wood Hdw. Co.
Lewis Hdw. Co.
RIPON—†Barlow & Seelig
RIVER FALLS—Dodge, Geo. J.
ROCKDALE—Norgord, J. E.
ST. CLOUD—Dreifuerst Bros.
SCHLEISINGERVILLE—Keidel, J. G.
SCOTT—Leifer, G. A.
SEYMOUR—Droeger Hdw. Co.
SHEBOYGAN—**GEELE, F. HDW. CO.**
Koepsell, J. J. Hardware Co.
Pantzer, Morris & Co.
Ramaker, J. J. & H. G.
Steckham, Fred
SOUTH MILWAUKEE—Fowle, H. H.
Kuhn, A. W.
SOUTH SUPERIOR—Burnett & Son
SPARTA—Baldwin Mercantile Co.
Reisinger, M. Steel Roofing Co.
STEVEN'S POINT—Gross & Jacobs
Krembs, C. & Bro.
STOUGHTON—Anderson & Liebe
Havey, W. O.
Torgerson, O. S.
STURGEON BAY—Hay, J. S. Hardware Co.
Schofield Co.
SUPERIOR—Arnold & Schimmel (Metal), Iron & Gravel), 414 Banks av
Bingham Hdw. Co. (Slate, Metal & Comp.), 522 Ogden
Carlson Bros. (Slate, Metal & Comp.), 1215 Tower av
Fogelquist, F.
Holmes, A. E. & Bro. Co. (Slate, Metal, etc.), 1902 Winter
Roberts, G. W. (Slate, Metal & Comp.), 514 Ogden av
Stack Bros.
TISCH MILLS—Harker, Joseph
TOMAH—Drowatzky, F. O.
WALDO—Timmer, H. W.
WASHBURN—Bergman, E.
Ungrodt, B. (Asbestos, Metal & Gravel)
WATERTOWN—Geschke, Richard
Kusel, D. & F. Co.
Pritzlaff, W. G. & Co.
Weber, Wm.
Winkenwerder, Henry
WAUNAKEE—Flemer, Gustave
WAUPUN—Buelow, Geo. W.
Howard & Tichenor
WAUSAU—Bauman, G. H. R.
Collins, W. F.
Fehl, Jno.
Kuckuck, Wm.
Montgomery Hdw. Co. (Metal & Gravel)
WAUWATOSA—Prentice, G. W.
WEST BEND—Herman, Jos.
Ott & Boden
Warnkey, Wm.
WESTFIELD—Kendall, Geo. (Slate, Comp., etc.)
WEST SUPERIOR—(See Superior)
WEUKESHA—Cahill, E. W.
Tolg, C. F.
WHITEWATER—Cutter, E. A.
WRIGHTSTOWN—Rather & Schaeuble

WYOMING.

BUFFALO—Astell, Geo. T.
CHEYENNE—Hopper & Bartley
Nash, E. C. & Son
EVANSTON—Fife Bros.
LARAMIE—Laramie Hdw. Co.
Tefft, Amos

Roofing (Actinolite)

White, A. H. Co., 530 Gravier, New Orleans, La.

Roofing (Anchor Brand)

WARREN CHEMICAL & MFG. CO., 19 State, New York. (See adv. opp. page 1067)

Roofing (Asbestos)

Asbestos Felting Works, 79 Maiden la, N. Y.
ASBESTOS & MAGNESIA MFG. CO., Land Title bldg, Phila., Pa. (See adv. index, end of book)
Bartholomew Roofing Co., Memphis, Tenn.
Carey, Philip Mfg. Co., Lockland, O., & 431 1st av, Pittsburg, Pa., & 118 Liberty, N. Y.
Chicago Asbestos Mfg. Co., 78 W 22d pl, Chicago
Chicago Fireproof Covering Co., 18 N Canal, Chicago, Ill.
Gast, Frank J., 26 Cortlandt, N. Y.
Gilmour, R. M. Mfg. Co., 105 John, New York
Johns, H. W.-Manville Co., 100 William, New York
Keasbey & Mattison Co., Main Office Works, Ambler, Pa. Branches, 84 John, New York; 1111 14th, N W, Washington, D. C.; 117 Water, Cleveland, O.; 208 Lake, Chicago, Ill.; 154 Pearl, Boston, Mass.; 110 N Forsyth, Atlanta, Ga.; 214 S Peters, New Orleans, La.; Granite blk, St. Louis, Mo.; 528 Main, Cincinnati, O.; 187 Liberty av, Pittsburg, Pa.; 350 E Water, Milwaukee, Wis., 307 S 6th, Minneapolis, Minn.; 325 W Michigan, Duluth, Minn.; 18 E 3d, St. Paul, Minn.
McConnell, John A. & Co., Tradesmen's bldg, Pittsburg
MILWAUKEE CORRUGATING CO., †Jobbers), Milwaukee, Wis. (See adv. index, end of book)
New Jersey Asbestos Co., 117 N Front, Camden, N. J., & 52 Dey, N. Y.
STOWELL MFG. CO., 459 West Side av, Jersey City, N. J. (See adv. opp. next page)
Trinidad Asphalt Co., 320 S 20th, St. Louis, Mo.
WATSON, H. F. CO., Erie, Pa.; 12 Clinton, Chicago, Ill., & 233 Congress, Boston, Mass. (See adv. opp. page 1067)

Roofing (Asbestos-Metallic)

Keasbey & Mattison Co., Main Office & Works, Ambler, Pa. Branches, 84 John, New York; 1111 14th, N W, Washington, D. C.; 117 Water, Cleveland, O.; 208 Lake, Chicago, Ill.; 154 Pearl, Boston, Mass.; 110 N Forsyth, Atlanta, Ga.; 214 S Peters, New Orleans, La.; Granite blk, St. Louis, Mo.; 528 Main, Cincinnati, O.; 187 Liberty av, Pittsburg, Pa.; 350 E Water, Milwaukee, Wis., 307 S 6th, Minneapolis, Minn.; 325 W Michigan, Duluth, Minn.; 18 E 3d, St. Paul, Minn.

Roofing (Asphalt Gravel)

STOWELL MFG. CO., 459 West Side av, Jersey City, N. J. (Sec adv. opp. next page)

Roofing (Asphalt, Ready)

(See also Roofers; also Asphalt Dealers & Importers.)

American Insulating Material Mfg. Co. (Ivoryoid Indestructible Fireproof), 213 N 3d, St. Louis, Mo.
Armitage Mfg. Co., Richmond, Va.
ASPHALT READY ROOFING CO., 136 Water, New York. (See adv. opp. page 1067)
Asphalt Roofing Co., Saginaw, Mich.
Buchanan-Foster Co. (White Rock), Drexel bldg, Phila., Pa.
Consolidated Roofing Works (Seamless), Columbus, O.
Densmore-Stabler Refining Co., Los Angeles, Cal.
Eastern Granite Roofing Co., Irving bldg, New York, & Frisco bldg, St. Louis, Mo.
Graham Paper Co. ("Security" Gravel Surface, "Silver Top," "A. A. A." & "Empire" 2 and 3 Ply), St. Louis, Mo.
INDIAN ASPHALT CO., Railway Exchange bldg, Chicago, Ill. (See adv. index, end of book)
Minneapolis Paper Co. ("Monarch" Brand), Minneapolis, Minn.
Monarch Asbestos Co., 411 Wash'n, N. Y. Factory, New Orange, N. J.
National Roofing Co., Tonawanda, N. Y.
Osborn, S. J. & Co. (Grit), Pearl & Eggleston av, Cincinnati, O.
PATENT VULCANITE ROOFING CO. ("Vulcanite"), 25 S. Campbell av, Chicago, Ill. (See adv. opp. next page)
Pioneer Roll Paper Co. (Ready Rock), Los Angeles, Cal.
Scott & Co., 234 E Front, Cincinnati, O.
STOWELL MFG. CO., 459 West Side av, Jersey City, N. J. (See adv. opp. next page)

Trainer, C. W. Mfg. Co., 89 Pearl, Boston, Mass.
Trinidad Asphalt Mfg. Co., 320 S 21st, St. Louis, Mo.
WARREN CHEMICAL & MFG. CO., ("Anchor" Brand), 19 Battery pl, New York. (See adv. opp. next page)
Western Rock Asphalt Paving & Roofing Co. ("Eagle" Brand), Detroit, Mich.

Roofing (Asphalt Slag)

STOWELL MFG. CO., 459 West Side av, Jersey City, N. J. (See adv. opp. this page)

Roofing Caps (Tin)

Ammidon & Co., Baltimore, Md.
Barrett Mfg. Co., Land Title bldg, Phila., Pa.; Merchant Loan & Trust bldg, Chicago, Ill.; 17 Battery pl, New York; St. Louis, Mo.; Cleveland, O.; Cincinnati, O.; Pittsburg, Pa.; Minneapolis, Minn.; Kansas City, Mo., & New Orleans, La.
Consolidated Fruit Jar Co., New Brunswick, N. J.
Evans, C. W. Steel & Iron Co. (Half Moon), Cincinnati, O.
Graham Paper Co. (Jobbers), St. Louis, Mo.
Horan Stay Hanger Co., Louisville, Ky.
Humphrey, H. W., Unionville, Conn.
Robertson, W. F. Iron & Steel Co. (Half Moon), cor Front & Elm, Cincinnati, O.

Roofing (Car)

Armitage Mfg. Co., Richmond, Va.
Bird, F. W. & Son, East Walpole, Mass.
Chicago-Cleveland Car Roofing Co. (Freight Car), Old Colony bldg, Chicago, & Cleveland, O.
Drake & Wiers Co. (Asphalt), Cleveland, O.
Excelsior Car Roof Co., Chemical bldg, St. Louis, Mo.
Fay Manilla Roofing Co., 516 Point, Camden, N. J.
Graham Paper Co. (Jobbers), St. Louis, Mo.
Hutchins, C. B. & Sons (Iron & Plastic), Majestic bldg, Detroit, Mich.
PATENT VULCANITE ROOFING CO. (Vulcanite Rubber), 25 S Campbell av, Chicago, Ill. (See adv. opp. this page)
Standard Paint Co. (Rubberoid), 100 William, N. Y.
Standard Railway Equipment Co. (Murphy Galvanized Iron), National Bank of Commerce bldg, St. Louis, Mo.
WATSON, H. F. CO. (Asbestos, etc.). Erie, Pa.; 12 S Clinton, Chicago(& 233 Congress, Boston, Mass. (See adv. opp. next page)
Yale, Julian L. & Co. (Torison-Proof), 303 Monadnock blk, Chicago, Ill.

Roofing (Cork)

STOWELL MFG. CO., 459 West Side av, Jersey City, N. J. (See adv. opp. this page)

Roofing (Duck)

(See Cotton Duck Mfrs.)

Roofing (Feldspar)

STOWELL MFG. CO., 459 West Side av, Jersey City, N. J. (See adv. opp. this page)

Roofing Felts

(See Felts, Roofing.)

Roofing (Ferroinclave)

BROWN HOISTING MACHINERY Co. (Fire Proof), Cleveland, O., & 26 Cortlandt, New York. (See adv. index, end of book)

Roofing (Flintkote)

Bird, J. A. & W. & Co., 34 India, Boston

Roofing (Granite)

Eastern Granite Roofing Co., Irving bldg, New York, & Frisco bldg, St. Louis, Mo.

Roofing (Gravel)

(See Sand & Gravel.)

Roofing Materials

(See also Roofers; also Tin Plate, Metals, etc.; also Roofing & Siding, Iron & Steel; also Roofing Slate; also Roofing Tile; Building & Roofing & Corr. Co. Sheathing Papers; also Felts, Roofing.)

ALABAMA.

BIRMINGHAM—East Birmingham Iron & Wheelock, George F. Co.
MOBILE—Zelnicker, Walter A. Supply Co. (Prepared Roofing)
MONTGOMERY—Kennedy Co.
Vesuvius Lumber Co.
TALLADEGA—Talladega Mfg. Co.

ARKANSAS.

LITTLE ROCK—Abeles, Charles T. & Co.
Jones, Dudley E. Co., 415 Markham
Stewart, B. W., 215 W 2d

CALIFORNIA.

LOS ANGELES—Harper & Reynolds Co., 152 N Main
Montague, W. W. & Co., 122 N Los Angeles
Pioneer Roll Paper Co. (Ready Rock Asphalt)
SAN FRANCISCO—Arnold Hdw. Co., 23 Davis
Liggett & McCroskey, 125 New Montgomery
Montague, W. W. & Co., 309 Market
Pacific Refining & Roofing Co., 113 New Montgomery
Paraffine Paint Co., 24 2d
Standard Roofing Co., 35 Post
Stratton, Chas. C., Bldrs. Exch.
SAN JOSE—Stock's, John, Sons

COLORADO.

DENVER—Barrows, Geo. A., Lime Co., 1928 Bartels, F., 1640 Champa
Chicago Lumber & Timber Co., 15th cor Bassett
Hinchman-Renton Fire Proofing Co., 1815 Arapahoe
McBride, Charles, 2046 Stout
Miller, Henry & Co., 911 17th
Terry, P. W., 2001 Blake
Threewit, B. F., 1700 15th
Tritch, Geo. Hardware Co., 1648 Arapahoe
Watkins, L. A., Merchandise Co., 1525 Wazee

CONNECTICUT.

BRANFORD—Jourdan, F. & Son
DANBURY—Bates, J. T. & Co.
Osborne, K. R.
MERIDEN—Lines, H. Wales, Co.
NEW HAVEN—Atwater, W. J. & Co., 961 Grand av
Clark, C. W. & Son, 173 Long Wharf
Conn. Hdw. & Paint Co., 8 Congress
Kelley, James E. & Co., 66 Commerce
Lightbourn & Pond Co.

DISTRICT OF COLUMBIA.

WASHINGTON—(See Roofers)

GEORGIA.

ATLANTA—Conklin Tin Plate & Metal Co., Empire bldg
Keasbey & Mattison Co., Austell bldg
Kriegshaber, V. H., 6 N Forsyth
Murphy, C. P. & Son, 6 N Forsyth
Smith, O. A. Roofing & Contracting Co., 27 Walton
Southern Roofing Co. ("Standard" 5 Ply Gravel, 2 & 3 Ply Reading Roofing, Tarred Roofing Felt, etc.)
AUGUSTA—Rutherford, W. J. & Co., 108 6th
MACON—Burke, Thos. C. W. & R.
Mallary Mill Supply Co.
Suber's, S. M. Son
SAVANNAH—Conklin Tin Plate & Metal Co.
Hanley, Andrew Co.

ILLINOIS.

BLOOMINGTON—White, Samuel R.
CAIRO—Lancaster & Rice Lumber & Mfg. Co.
CHICAGO—Barrett Mfg. Co. ("Black Diamond" Water Proof, 4 Ply & Felt, Pitch &Gravel Roofing), Merchant Loan & Trust bldg
CELADON ROOFING TILE CO. (Roofing Tile), 156 5th av. Works, Alfred, N. Y., & Ottawa, Ill. (See adv. index, end of book)
Chicago Asbestos Mfg. Co., 78 W 22d pl
Chicago Fire Proof Covering Co., 18 N Canal
Ford Mfg. Co., 109 W Wash'n
Heppes Co., 45th av & Fillmore
Hopkins, H. H., 50 Dearborn
Illinois Roofing & Supply Co., 23 Lake
Knisely Bros., 28th pl & 5th av
Knisely, H. C. Co., 273 S Canal
Murdoch, Wm. Co., 145 La Salle
North Chicago Roofing Co., 128 North av
PATENT VULCANITE ROOFING Co. (Patent Vulcanite Rubber, Asphalt, Asphalt Ready, Felts, Cements, Nails, etc.), 25 S Campbell av. (See adv. opp. this page)
Powell, M. W. Co., 204 Dearborn
Randolph, C. W., 825 Clifton av
WATSON, H. F. CO., 12 S Clinton. (See adv. opp. next page)
West Coast Co. (Asphalt), 1023 Monadnock blk
Western Roofing & Supply Co., 177 Randolph
Wheeler & Thomas Roofing Co., 171 N Wells
Woodley, Jas. C. & Co., 454 Clark
GRAYVILLE—Blood, J. M. & Bros.
JACKSONVILLE—South Side Planing Mill Co.
Wilson, T. D.
JERSEYVILLE—Cockrell, E. Lbr. Co.
MATTOON—Moore-Gabbert Co.
NORMAL—Stillhamer, H. W. & Co. (Asbestos Felt)
PARIS—McCord & Risser
PEORIA—Bushell, A. A. & Son, 1323 S Wash'n
Bushell Mfg. Co., ft Krause av
Clark, Quien & Morse, 402 S Wash'n
Johnson, Chas. Hdw. Co., 2023 S Adams
Meyer, F. & Bro. Co. 1313 S Adams
Peoria Roofing Co., Maple nr Adams
Sandmeyer, H. & Co., 213 S Adams
Streibich, John C., 301 S Wash'n
PERU—Maze, W. H. & Co.
ROCK ISLAND—Lewis Roofing Co.
SPRINGFIELD—Schuck, J. H. & Son
URBANA—Besore, Charles A.
VANDALIA—Ford Mfg. Co.

INDIANA.

ANDERSON—Bailey, J. W. & Co.
May, Isaac E.
EVANSVILLE—Anchor Supply Co., 128 U, Water
Tardy, Frank, 112 U. Water
INDIANAPOLIS—Smither, Henry C. Roofing Co., 330 S Penn
Smither, Theo. F., 301 W Maryland
Symmes, H. H. Co., Board of Trade bldg
Zimmerman, C. & Sons, 19 S East
LAFAYETTE—Boyle Mfg. Co.
MUNCIE—Muncie Builders' Supply Co.
SEYMOUR—Carter, T. Co. (Slate)
TERRE HAUTE—Reiman & Steeg Co.
Townley Stove Co.

IOWA.

CARROLL—Joyce, W. T. Co.
DES MOINES—Barrick & Son, 911 Walnut
Drake Roofing Co., 306 5th
Ewing & Jewett, 9th and Locust
Fischer Bros., 714 Locust
Nichols Roofing Co., 200 4th
DUBUQUE—Key City Roofing Co.
TREDWAY, A. & SONS' HARDWARE & IRON CO.
KEOKUK—Schmidt, Hy. & Sons Co.
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ATCHISON—Allen, Jno. W. & Co.
FORT SCOTT—Penniman, A. C. & Son, 109 Market
JUNCTION CITY—Moses, Geo. C.
TOPEKA—Topeka Roofing Co.

KENTUCKY.

LOUISVILLE—Belknap Hardware & Mfg. Co. (Inc.), 115 W Main
Conner, Chas. H. & Co. (Slate, Iron, Comp., etc.), 17th & Arbegust
Horan Stay Hanger Co. (Tinners' & Roofers' Supplies)
Hughes, W. J. & Sons Co., 14th & Maple
Imperial Wire, Iron & Roofing Co., 221 W Mkt
Louisville Paper Co. (Red Rope), 251 E Main
National Roofing & Supply Co., 140 W Main
Parker, J. C. Paper Co., 307 W Main

LOUISIANA.

NEW ORLEANS—Barrett Mfg. Co., Hennen bldg
Clark, J. G., 408 Magazine
Clarke, J. J. Co., 1111 Julia
Demourelle, Jas. & Sons, 602 N Basin
Dow, Lewis F., 419 Carondelet
Kracke & Flanders, 630 Gravier
Memory, R. G. & Son, 409 Barrome
Menge, J. H. & Sons (Ltd.), 201 Tehoupitoulas
New Orleans Roofing & Metal Works, 92 Lafayette
Thompson, Edw. Co. (Ltd.), 530 Natchez
Tupper, Allen, 713 Union
White, Alfred H. Co. (Ltd.), (Asphalt, Asbestos, Felt, etc.), 530 Gravier
Woodward, Wight & Co. (Ltd.), 420 Canal

MARYLAND.

BALTIMORE—Balto Roofing & Coal Tar Co., 1211 Leadenhall
Clarke, Wm. Wirt & Son (Paper Sheathing, Paints, etc.), Bldrs. Exch. bldg
Foy, Edw. L. & Co., 16 W Camden
Lyon, Conklin & Co., 513 W German
Maryland Lime & Cement Co., 216 South
Maryland Tar Roofing Co., 130 S Charles
National Building Supply Co. (Asbestos, Asphalt, Felt, etc.), Record bldg
Nimmo, W. C. & Co., 327 N Calvert
Noble, H. & Co., 623 S Caroline
Warren-Ehret Co., 563 E Monument

MASSACHUSETTS.

BOSTON—Ames & Ginty Co., 101 Tremont
Asphalt Roof Coating Co., 146 Franklin
Bird, J. A. & W. & Co. (Flintkote Roofing), 34 India
Carey, Philip Mfg. Co., 164 Federal
Chapman & Soden ("Beaver" & "I. & L." Brand), 410 Atlantic av

GILMAN SNOW GUARD
103 Merrimac. (See adv. index, end of book)

Hind, Thos. J. (Asphalt), 19 Milk
Johns, H. W.- Manville Co. (Asbestos), 77 Pearl
Madden, John J., 1158 Columbus av
Murtfeldt, W. A. Co. (Gravel, Slate & Metal), 31 Milk
National Coal Tar Co., 297 Franklin
New England Felt Roofing Works, 18 Post Office sq
South Boston Roofing Co., 380 W 1st
STEARNS, A. T. LUMBER CO., Neponset & 166 Devonshire (See adv. index, end of book)
Storey, J. C. & Co., 10 State
Trainer, C. W. Mfg. Co. (Asbestos), 89 Pearl
Van Noorden, E. Co., 944 Mass. av
Warren Bros. Co. ("Kiola" Asphalt & Coal Tar Products), 93 Federal
WARREN CHEMICAL & MFG. CO., 12 Pearl. (See adv. opp. page 1067)
Watson, H. F. Co., 233 Congress
CAMBRIDGE—Burditt, Geo. W., 67 Mass. av
Furcell, Hycent (Elastic Cement), 441 Main
Webster, W. F. Cement Co.
EAST WALPOLE—Bird, F. W. & Son ("Paroid")
LAWRENCE—Pierce, J. B. & Co.
Smith & Bingham
LYNN—Brockway-Smith, Corp., 130 Oxford
Burns & Bee, 45 Lea
Quinn, Martin L. & Co., 21 State
N. ADAMS—Burlingame & Darby's Co.
SALEM—Langmaid, J. P. & Sons (Asphalt)
S. FRAMINGHAM—Fales Co.
SPRINGFIELD—Graves, Geo. A. & Sons, 524 Main
WORCESTER—Barnard, George A., 74 Prescott
Blake, Geo. F., Jr., & Co.

MICHIGAN.

DETROIT—Armstrong, B. Co., 50 Gratiot av
Brady & Co., ft. of Woodward av
Burton, W. J. Co., 164 Larned, W
Candler, J. D. & Co., 177 High, E
Conkling, S. P. (Asbestos), 20 Atwater, E
Detroit Graphite Mfg. Co., 10 12th
Eberts Bros., 352 5th
Gilbert, G. W., 20 Gilman
Hutton, Robt. & Co., 112 Fort, E
Pudrith & Chandler, 74 Brush
Stevens, F. B., 3d av & Larned
Thomas Bros. & Co., 711 Hammond bldg

MINNESOTA.

DULUTH—Cutler, D. G. Co.
MINNEAPOLIS—Barrett Mfg. Co., 1 19th av, S
Crittenden Roofing & Mfg. Co., 706 S 5th
Hewson, S. J. Co., 10 N 3d
Homan Cement & Lime Co., Lumber Ex bldg
Janney, Semple, Hill & Co. (Wholesale), 20 S 2d
Keasbey & Mattison Co., 309 S 6th
Lawes, Geo. H. (Tile), 424 Boston blk
Leslie, Jno. Paper Co., 240 1st av, S
Minneapolis Paper Co., 200 N 2d
National Roofing & Cornice Co., 1412 S 7th
Nott, W. S. Co. (Prepared, etc.), 200 1st av, S
Peckham, A. F. & Co., 428 3d av, N
ST. PAUL—Ford Mfg. Co., 1127 E 7th
Griffin & Lambert Co., 121 W University av
Lawes, Geo. H. & Co., 34 Gilfillan blk
Spates, S. P. & Co., 164 E 3d
WINONA—Cone, R. D. Co.

MISSOURI.

KANSAS CITY—Barrett Mfg. Co., 1st & Campbell
Conkey Roofing Co., 1314 E 18th
Guaranty Roofing Co., B'k of Com: bldg
Gustin-Boyer Supply Co., 1408 W 11th
Lewis Supply Co., 1225 W 10th
Sellers & Marquis Roofing Co., 105 W 8th
ST. JOSEPH—Robertson, W. J.
ST. LOUIS—American Insulating Material Mfg. Co.
Asbestos Roofing & Covering Co., 202 N 12th
Barrett Mfg. Co., Fullerton bldg
Bird, J. A. & W. & Co., 908 N 2d
Carey, Philip Mfg. Co., 706 Chestnut
Choctaw Asphalt Co., 211 N 7th
Gilson Asphaltum Co., 211 N 7th
Graham Paper Co. ("Silver Top" Asphalt, Tarred Roofing & Roofing Papers, Paints, Cements, etc.), 2d & Oliver
Lithosite Mfg. Co., 706 Chestnut
Ludowici Roofing Tile Co., 415 Locust
Sawyer, F. O. Paper Co., 213 N 3d
St. Louis Roofing Co., Wainwright bldg
Standard Roofing Co., 1109 Chestnut
Trinidad Asphalt Mfg. Co. (Asphalt Roofing Cements), 320 S 21st
Wanner Patent Roofing Co., 715 Park av
Zelnicker, Walter A. Supply Co. (Prepared Roofing), 408 N 4th

NEBRASKA.

LINCOLN—National Mfg. Co.
Nichols Roofing Co., 237 S 9th
Whitebreast Coal & Lime Co.
Young, R. S. Bldg Supply Co.
OMAHA—Adams & Kelly Co., 1529 Sherman av
Cady, H. F. Lumber Co., Douglas & 6th
Lehmer, J. R., 1212 Farnam
National Roofing Co., Ware blk

NEW JERSEY.

BOUND BROOK—Lincoln Waterproof Cloth Co. ("U. S." Roofing)
CAMDEN—Fay Manilla Roofing Co. (Fay's Manilla Roofing & Building Sheathing), 516 Point
Montross Metal Shingle Co. (Metal Shingles)
Rudderow, S. F. & Son, Market, c Front
Tice, Wm. H., 211 Market
Whitehead, Caleb C., 4th & Bridge av
ELIZABETH—Rankin, Wm. H. Co.
JERSEY CITY—American Asphalt Roofing Co., cor Mallory & Pollock av, S
Eastern Granite Roofing Co., 138 11th
National Sheet Metal Roofing Co., 339 Grand
STOWELL MFG. CO., 459 West Side av, Jersey City, N. J. (See adv. opp. page 1066)
NEWARK—Commonwealth Roofing Co., 19 Division
Thomas, Jas., 6 S 6th
NEW BRUNSWICK—Weigel, Philip, Jr., 2 Peace
Asphalt Ready Roofing Co., 136 Water

NEW YORK.

AUBURN—Everts Bros. & Pomeroy
Smith & Pearson
BINGHAMTON—Stephens & Co., 85 State
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Baker, Howard H. & Co., 20 Terrace
Buffalo Roofing & Mfg. Co., 492 Wash'n
Carey, Philip Mfg. Co., 38 W Seneca
Grove Roofing Co., 121 W Eagle
Hall, Leander W. & Son, 158 Pearl
Hubbs & Howe Co., 184 Ellicott
Jameson, C. B., 250 Pearl
Machwirth Bros. Co., 201 Oak
Mugler & Umlauf, 41 Eagle
Ruslander, A. S. & Son, 136 William
Smith, D. L., 21 Niagara
Warren Roofing Co., 44 Bldrs' Ex

NEW YORK CITY.

Borough of Brooklyn

BROOKLYN—Coal Tar Product Co., Smith & Creamer
Evans, Geo. W., 747 Whythe av
Hatfield, Geo. E., 100 Keap
Stewart, W. H. Mfg. Co., 67 Delevan

Boroughs of Manhattan & Bronx

NEW YORK—American Roofing & Paint Co., 79 Maiden la
Asbestos Felting Works, 79 Maiden lane
ASPHALT READY ROOFING CO., 136 Water. (See adv. opp. page 1067)
Barrett Mfg. Co., 17 Battery pl
Bird, F. W. & Son, 120 Liberty
Boorman, T. Hugh (Asphalt), 32 B'way
BROWN HOISTING MACHINERY Co. ("Ferroincline), 26 Cortlandt, New York. (See adv. index, end of book)
Carey, Philip Mfg. Co. (Asbestos, etc.), 114 Liberty
CELADON ROOFING TILE CO. (Roofing Tile), 156 5th av. Works, Alfred, N. Y., & Ottawa, Ill. (See adv. index, end of book)
Coal Tar Product Co., 77 Maiden lane
De Ronde, Frank S. Co., 46 Cliff
Doggett, Stanley, 101 Beekman
Eastern Granite Roofing Co., Irving bldg
Feld, G. A. Co., 164 E 129th
Gilmour, R. M. Co., 105 John
Hewitt, C. B. & Bro. (Roofing Papers, Felt, etc.), 48 Beekman
Hoopes & Shipman, 345 W 26th
Johns-Manville, H. W. Co., 100 William

Mabie, Ralph R. Roofing Co., 635 W 47th
National Coal Tar Co., 17 Battery pl
Nonpareil Cork Works ("Silicatar"), 80 Hudson
Standard Paint Co., 100 William
Stewart, Wm. H. Mfg. Co. (Paints, Cement, Felt, etc.), 81 Fulton
Swan, Alfred F. Co. (Felt, etc.), 17 Battery pl
Warren Bros. Co., 253 B'way
WARREN CHEMICAL & MFG. CO. ("Anchor" Natural Asphalt), 19 Battery pl. (See adv. opp. page 1067)
Warren-Ehret Co., 17 Battery pl
WATSON, H. F. CO., 253 B'way. (See adv. opp. page 1067)

OSWEGO—Cowmeadow, Jno. Mfg. Co.
Rathbun, E. W. & Co.
POUGHKEEPSIE—Aldrich, Elbert, 391 Mill
Cowee, W. G., 30 Mansion
Osborn, Oakley, 21 Oakley
ROCHESTER—Rochester Roofing & Heating So., 402 State
WARREN CHEMICAL & MFG. CO., 149 W Main. (See adv. opp. page 1067)
SYRACUSE—Burhans & Black Co., 136 N Salina
Central City Roofing Co., 430 Canal
TROY—Pomeroy & Catlin, 84 Congress
Warren, J. M. & Co., 245 River
Williams & Manogue, ft Grand
UTICA—Millar, Chas. & Son Co.

OHIO.

CADIZ—Long, E. M. & Sons (Wholesale Slate, Asphalt, Felt, etc.)
CINCINNATI — Allen Anti-Rust Mfg. Co., Glenn bldg
Barrett Mfg. Co., 639 W Front
Bowen, E., 120 E 6th
Breese, J. E. & Bro., 405 Central av
Chatfield & Woods Co. (Mfrs. & Ready & Graveled Roofing), 347 W 4th
Cincinnati Cordage & Paper Co., 623 Main
Cincinnati Roofing Co., 1518 Gest
CINCINNATI ROOFING TILE & Terra Cotta Co. (Vitrified Roofing Tile), Mitchell av & B. & O. S. W. Ry.
Contractors' & Builders' Supply Co., 2849 Stanton av
Curtis Co., 216 Post sq
Diem & Wing Paper Co. (Roofing Papers & Materials), 320 Elm
Edwards Mfg. Co., 119 Sycamore
Getchell, S. D., 1109 Gilbert av
Globe Paint & Roofing Co., 232 W 8th
Granbery & Newhouse, 413 Central av
Huenefeld, E. H. (Metal Slate), 227 E 9th
Kiechler Mfg. Co., Linn, Armory av & Clinton
Kramig, R. E. & Co. (Asbestos, etc.), 415 E Pearl
Osborn, S. J., Jr., & Co. (Asphalt), Pearl & Eggleston av
Scott & Co. ("Asteroid" Asphalt & Coal Tar Ready Roofing), 234 E Front
Singleton, Ruffner & Co., n e c 8th & Plum
Standard Roofing Co., 1662 Providence
CLEVELAND—Barrett Mfg. Co., 29 Euclid av
BROWN HOISTING MACHINERY Co. ("Ferroincline"), 1345 St. Clair. (See adv. index, end of book)
Carey, Philip Mfg. Co., 123 Water
Forest City Roofing Co., Citizens' bldg
Garry Iron & Steel Co., Coe & Lake
Gould, Lee H. & Co., The Arcade
Hogen, F. G. Co., 15 Craw av
Huntington, Henry J., 588 Superior
Huntington, Hugh & Son, 257 The Arcade
Norton Bros., Builders' Exchange
Osborn, J. M. & L. A. Co., 36 Viaduct
Union Paper & Twine Co. ("Leatheroid"), 210 St. Clair
COLUMBUS—Consolidated Roofing Works (Asphalt, Seamless), Spring & Dennison av
Columbus Gas Co. (Paper, Pitch & Paint), 135 N Front
Ferris, W. B., 71 E State
South Side Lbr. Co., 1927 S High
Union Brick & Supply Co., 18 N High
DAYTON—Ach, A. & Son
Dayton Felt Roofing Co.
Wuichet, Charles & Co.
FOREST—Dickelman Mfg. Co.
LOCKLAND—Carey, Philip Mfg. Co. (Asbestos, etc.)
MANSFIELD—Bodine Roofing Co. (Wood Pulp)
TOLEDO—Schillinger Bros. Co. (Asphalt Ready Roofing, 2 & 3-Ply), 412 City Park av
Star Hdw. Co., 710 Monroe
Stollberg Hardware Co., 601 Cherry
U. S. Roofing Co., Gardner bldg
Wilcox, M. I. Co., 212 Water
Yokum, F. M.

OREGON.

PORTLAND—Bayer, J. C., 265 2d
Blake, McFalls Co. (Roofing Papers), 68 Front
Corbett, Failing & Robertson, 88 Front
Hirschberger & Sweeney, 292 Burnside
Laidlaw, James & Co. (Ltd.), Ainsworth blk
Nottingham & Co., ft. Wash'n
Pacific Metal Works (Tin & Sheet Iron), 73 2d, N
Tilton & Gerspach, 204 4th

PENNSYLVANIA.

ALLEGHENY—Barrett Mfg. Co., 1131 Rebecca
McGraw, J. A. Bros., 20 Sandusky
EAST STROUDSBURG—Hallett, Jno. W. (Wholesale of All Kinds)
ERIE—**WATSON, H. F. CO. (asbestos).** (See adv. opp. page 1067)
JOHNSTOWN—Cambria Paint & Color Co., Ltd. (2 & 3 Ply)
PHILADELPHIA—**ASBESTOS & MAG-**nesia Mfg. Co., Land Title bldg. (See adv. index, end of book)
Barrett Mfg. Co. ("Black Diamond" Water Proof, 4 Ply & Felt, Pitch & Gravel Roofing), Land Title bldg
Berger, L. D., 59 N 2d
Berger Bros. Co., 237 Arch
Bortel, Harris & Co., 50 N 23d
Buchanan-Foster Co. (Reading Roofing, "Vulcanide"), Drexel bldg
Cornell, H. T., 1845 N 6th
Cortright Metal Roofing Co. (Inc.) (Metal Shingles), 50 N 23d
Gara, McGinley & Co. (Metal), 23 S 17th
GARRETT, C. S. & CO., 21 Decatur
Goodwin, Wm. C., 2521 Girard av
Johns, H. W.-Manville Co., 21 N 2d
Kimes, J. B. & Co., 1822 Filbert
Leathers, N. M. & Co., 4026 Westminster av
Stelwagon Mfg. Co., 826 Schuylkill av
Warren-Ehret Co., Land Title bldg
PITTSBURG—Carey, Philip Mfg. Co. (Asbestos, etc., 433 1st av
Duquesne Roofing Co., Conestoga bldg
Houston Bros. Co., 32d & P. R. R.
Leggett, Wm. T. Co. (Inc.), Farmers' B'k bldg
Le Goullon, P., Bessemer bldg
McClintock & Irvine Co., Neville & P. R. R.
McCombs, Wm. M., 2101 Carson
McDonough, S. E. & Co., Arnott bldg
SCAIFE, WM. B. & SONS CO., 221 1st av. (See adv. index, end of book)
Young, J. F., 34th & A. V. Ry.
SLATINGTON—McKenna, David
WILKESBARRE—Penna. Supply Co.
Phelps, Straw & Co.
Sturdevant's, S. H. Sons

RHODE ISLAND.

PROVIDENCE—Cartier, M. N. & Sons Co., 293 Canal
Chevalier, J. F., 55 Fountain
CLASON ARCHITECTURAL MET-al Works (Inc.), 428 Kinsley av
Greene Robert L. Paper Co., 69 Wash'n
Maguire, J. T. Co., 75 Westminster
Moore, J. W. Co., 143 Allens av
R. I. Concrete Co., 3 Custom House st

SOUTH CAROLINA.

CHARLESTON—Bailey-Lebby Co. (Prepared Roofing)
Shepherd Supply Co., 232 Meeting
GREENVILLE—Gower Supply Co.
Morgan & Austin
Wilkins, Poe & Co.

TENNESSEE.

CHATTANOOGA—Chattanooga Roofing & Foundry Co. (Felts, Paints, Pitch, Steel, Corrugated, etc.)
Eureka Supply Co.
James & Co.
KNOXVILLE—McClung, Buffat & Buckwell
McClung, C. M. & Co.
MEMPHIS—Bartholomew Roofing Co., 412 2d
Lee Bros. (Comp. & Reading Roofing), 292 Front
Manogue-Pidgeon Iron Co., 226 2d
NASHVILLE—Nashville Chemical Co., 921 N Front
Nashville Roofing & Paving Co., 811 N Cherry

TEXAS.

DALLAS—Buckelew, O. O., 387 Main
Harry, O. K., Steel Works, 138 Swiss av
King, T. F., 247 S Houston
DENISON—Lingo-Leeper Lbr. Co.
FORT WORTH—Burton-Lingo Co.
Weaver, D. C.
Wills & Tyson
GALVESTON—Elder, L. V., 212 Tremont
Henchman, George H., 2410 Mechanic
GROESBECK—Walker, S. S. & Son
HOUSTON—Bering-Cortes Hdw. Co.
Browne-McLaughlin Co. (State, etc.)
Heitman, F. W. Co. (Iron & Felt)
Holtkamp, H. H. & Son
Peden Iron & Steel Co. (Ruberoid, etc.)
Smith, Howard Co.
Vickers, Chas. L.
SAN ANTONIO—Dielman, Jno. C.
Downman, R. H.
Jewett, Cornice & Roofing Co.
SCHULENBERG—Schafer, H. P.

UTAH.

SALT LAKE CITY—James, David W. & Co., 67 S Main
Morrison, Merrill & Co., 241 N 3d, W

VIRGINIA.

LYNCHBURG—Adams Bros. Paynes Co.
NORFOLK—Gamage, John O. (Slate), Woodside's wharf
Nash, C. A. & Son (Slate, etc.), 21 Atlantic
Thomas, T. W. & Co. (Slate), 31 Bank
RICHMOND—Armitage Mfg. Co. (Tarred Papers, Paints, Putty, etc.), 3216 Williamsburg av
Williams Slate Co., 18 S 9th

WASHINGTON.

SEATTLE—Barber Asphalt Paving Co.,
Elaterite Roofing Co.
Miles, Z. C. & Piper Co.
Schwabacher Hardware Co.
Tolsma, R. B. & Co.
SPOKANE—Brown, Wm., 168 Post
Brown Bros., 21 & Wash'n
Holly, Mason, Marks & Co.
WALLA WALLA—Loney, Sam'l

WEST VIRGINIA.

FAIRMOUNT—West Virginia Builders' Supply Co.
WHEELING—Caldwell, B. F. & Co. (Iron & Steel)
Chapman, W. H. & Sons
Johnson's, Geo. W. Sons
Wilson, W. A. & Sons

WISCONSIN.

MILWAUKEE—Badger Roofing Co., 318 Popular
Frankfurth, Wm. Hdw. Co., 119 W. Water
Johns, H. W.—Manville Co. (Asbestos & Felt) 217 Claybourn
Keasbey & Mattison Co., 350 E. Water
Milwaukee Gas Light Co. (Paper, Pitch & Paint), 182 Wisconsin
Pritzlaff, John, Hdw. Co., 33 W. Water
Taylor, W. G. Co., 102 Wisconsin
Winding & Gezelschap, Pabst bldg

Roofing Materials (Asphalt)

(See Asphalt Dealers & Importers; also Asphalt Miners & Refiners; Also Roofing, Asphalt.)

Roofing Nails

(See Nails, Roofing & Sheathing.)

Roofing (Paroid)

Bird, F. W. & Son, East Walpole, Mass.

Roofing Pitch

(See Paving & Roofing Pitch.)

Roofing Plate, Metals, Etc.

(See Tin Plate, Metals, etc.)
(Also Tinplate Mfrs.)

Roofing (Rexoid)

STOWELL MFG. CO., 459 West Side av, Jersey City, N. J. (See adv. opp. page 1066)

Roofing (Rubber)

PATENT VULCANITE ROOFING CO. ("Vulcanite"), 25 S Campbell av, Chicago, Ill. (See adv. index, end of book)

Roofing Slag

(See Slag, Roofing & Paving.)

Roofing Slate Mfrs.

(NOTE—Slate quarried in Maine is all black, ditto Virginia, while that quarried in Pennsylvania and Maryland is also black, but borders on dark blue, and is advertised by some firms as dark blue. Slate quarried in New York is red of various tints, while that quarried in Vermont is of various colors, such as green, purple, variegated, etc.)

ARKANSAS.

MENA—Arkansas Red Slate Co.
Atlas Slate Co.
Beaverforden, S. H.
Consolidated Slate Mfg. Co.
Southwestern Slate & Mfg. Co.
SLATINGTON—Southwestern Slate & Mfg. Co.

GEORGIA.

ROCKMART—Rockmart Slate Co.

ILLINOIS.

CHICAGO—Galt, John & Sons, 95 Wash'n

MAINE.

BANGOR—Boston-Blanchard Slate Co.
Merrill Brownville Slate Co.
BATH—Monson Consolidated Slate Co.
BROWNVILLE—Brownville Maine Slate Co.
MONSON—Jones, P. M. & W. E.
Monson Maine Slate Co.
NORTH BLANCHARD—Blanchard Slate Mining Co.

MARYLAND.

(The slate quarries of this State are on the Penna. State line, and the P. O. address is Delta, Pa.)

MASSACHUSETTS.

BOSTON—**AMERICAN SLATE CO.** (Inc.) (All Kinds), Board of Trade bldg. (See adv. next page)
Bash, Chas. (Mfrs.' Agt.), 101 Tremont
MATHEWS CONSOLIDATED SLATE CO., 199 Wash'n, Boston, Mass. (See insert opp. next page)
Monson Maine Slate Co. (Unfading Black), 113 Devonshire. (Quarries at Monson, Me.)
WORCESTER—Algonquin Red Slate Co., 10 E Worcester. Mills, Truthville, N. Y.
Brownville Maine Slate Co. Quarries at Brownville, Me.

MINNESOTA.

ST. PAUL—**LAWES GEO. H. & CO.** (Mfrs. Agens), Gilfillan bldg. (See adv. index, end of book)

NEW JERSEY.

NEWTON—Hopkins & Williams Co.
New Jersey Slate Co.

NEW YORK.

GRANVILLE—Edwards Slate Co.
Hughes. W. H.
Norton Bros.
Owens, Owen W. Sons
Vermont Slate Co. (Inc.)
MIDDLE GRANVILLE—(See also Granville)
Penrhyn Slate Co.
NEW YORK—Galt, John & Sons, 253 B'way
Johnson, E. J. &Co. (Dealers), 38 Park row
Kirtland, Litchfield & Co., 1123 B'way
Penrhyn Slate Co., 493 E 138th. Quarries in Vermont
Slatington Slate Co., 181 B'way. Quarries in Slatington, Pa.
Wells, Arthur, 1133 B'way

OHIO.

CADIZ—Long, E. M. & Sons (Wholesale)
CLEVELAND—Auld & Conger Co., 262 Prospect. Quarries at Bangor, Pa., & Poultney, Vt.
COLUMBUS—Columbus Slate Co. (Wholesale)
ZANESVILLE—Schmid, David (Wholesale)
Snyder, Gilbert (Wholesale)

PENNSYLVANIA.

ALLENTOWN—Blue Valley Slate Co.
BANGOR—Auld, Conger & Co. Office, Cleveland, O.
Bangor Crescent Slate Co., Bangor, Pa.
Bangor Excelsior Slate Co. Office, Easton, Pa.
Bangor Peerless Slate Co.
Bangor Slate Mining Co.
Columbia Bangor Slate Co.
East Bangor Consolidated Slate Co.
Genuine Bangor Slate Co.
Faulkner, S. W.
Howell, D. W.
Moyer, J. S. & Co.
North Bangor Slate Co.
Schoonover, R. P. & Co.
BETHLEHEM—Chapman Slate Co.
Heimbach Slate Co., Bethlehem, Pa.
Moyer, J. & Co. (Inc.)
Old Bangor Slate Co.
BERLINSVILLE—Hughes, D. D.
CHAPMAN QUARRIES—Keystone Slate Co.
DANIELSVILLE—Bachman, J. T.
Catherine Slate Co.
Empire Slate Co.
Henry, S. Son & Co.
HOWER, J. K.
Madoc Slate Co.
Montgomery Slate Co.
National Slate Co.
New Excelsior Slate Co.
DELTA—Excelsior Slate Co.
Jones, Wm. & Co.
Peach Bottom Slate Co.
Peach Bottom Slate Mfg. Co. (See York)
Peerless Slate Co.
Proctor Slate Co.
York & Peach Bottom Slate Co.
EAST BANGOR—American Slate Co.
Bray, J. & Co. (Dealers)
EAST STROUDSBURG—Hallett, Jno. W. (Dealers)
EASTON—American Slate Co.
Genuine Bangor Slate Co.
Penna. Hard Vein Slate Co.
EDELMANS—Whitesell & Co.
EMERALD—Williams, Owen T. & Sons
LYNNPORT—Ontalaunee Slate Mfg. Co.
MAUCH CHUNK—Chapman Standard Slate Co.
NAZARETH—Alpha Slate Co.
PEN ARGYLE—Crown Slate Co.
Grand Central Slate Co.
Hardirg, William & Co.
Jackson, Richard Slate Co.
Kitto, C. & Co.
Lobb's, Wm. Sons
Masters, Wm. J.
Parson Bros.
Pen Argyl Valley Slate Co.
Sandt, Quintus & Co.
Stephens, Jackson & Co.
PHILADELPHIA—Emack, Jno. D., Stephen Girard bldg
Franklin Slate Co., 122 Franklin
Kimes, J. B. & Co., 1822 Filbert
PITTSBURG—Aiken & Co., 501 Liberty (Quarries at Delta, Pa.
O'Halloran & Jacobs (Jobbers, also Slaters' Tools & Supplies), 335 5th av
PITTSTON—Pittston Slate Mfg. Co.
PORTLAND—Wise, Reuben
SLATEHILL—Foulks, Jones & Sons
SLATENDALE—Enterprise Slate Co.
Kern & Weiss
Mack, L. & Co.
SLATINGTON—Blue Mountain Slate Co.
Blue Valley Slate Co. (Exporters)
Big Four Slate Co. (Exporters)
Carbon Slate Co.
Columbia Slate Co.
Dalby, R. H. & Co.
Emerald Slate Co.
Eureka Slate Mfg. Co.
Fairview Slate Co.
Franklin Slate Co.
Griffith, Ellis
Griffiths Bros. Slate Co.
Hazle Dell Slate Co.
Hazleton Slate Co.
Hazel Dell Slate Co.
Hower, J. K.
Hughes, Wm. L. & Sons, Darlington
McKenna, David
Miller, O. A. Slate Co.
Old Lehigh Slate Co.
Peters, E. D. & Sons
Pittston Slate Mfg. Co.
Provident Slate Co.
Slatington-Bangor Slate Syndicate
Slatington Slate Co.
Star Slate Co.
Steckel, Samuel
Washington Slate Co.
STATEDALE—Pittner Slate Co.
Sun Slate Co.
TATAMY—Messinger, G. Frank
WALNUTPORT—Ellis, Griffith
Hahn, Granville
Jones, J. Ruskin & Co.
WEST BANGOR—(See Delta, Pa.)
WIND GAP—Imperial Slate Co.
Lackawanna Slate Co.
Park Slate Co.
Pelican Slate Mfg. Co.
Pen Bangor Slate Co.
Royal Slate Co.
Wise, Reuben
YORK—Peachbottom Slate Mfg. Co.

TEXAS.

GALVESTON—Brown Slate Co. (Wholesale Dealers)

VERMONT.

CASTLETON—Bomossen Slate Co.
FAIR HAVEN—Allen's, S. Sons
EUREKA SLATE QUARRIES (A. Tuttle, Treas.) (See insert opp.)
Fair Haven Marble & Marbilized Slate Co.
Griffiths, Owens & Co.
Lloyd, Evan E.
Lloyd, R. E.
Lloyd, W. H.
NORTHFIELD—Dole-Brill Slate Co.
Northfield Slate Co.
POULTNEY—Fleming Slate Co.
Griffiths & Nathaniel
MATHEWS CONSOLIDATED Slate Co. (See insert opp)
Poultney Consolidated Slate Co.
WEST PAWLET—Griffith, Thos. R. & Co.
Rising & Nelson Slate Co.

VIRGINIA.

ARVONIA—Pitts, A. L.
Williams, John R. & Co.
RICHMOND—Williams Slate Co., 18 S 9th. Quarries at Arvonia, Va.
SNOWDEN—Williams Bros. Slate Co.

Roofing Slate (Purple)

Edwards Slate Co., Granville, N. Y.
Fleming Slate Co., Poultney, Vt.
Galt, John & Sons (Jobbers), 253 B'way, N. Y., & 95 Washington, Chicago
Griffith & Nathaniel, Poultney, Vt.
Hughes, Wm. H., Granville, N. Y.
Lloyd, R. E., Fair Haven, Vt.
Lloyd, W. H., Fair Haven, Vt.
MATHEWS CONSOLIDATED SLATE CO. (Unfading), 199 Wash'n, Boston, Mass. (See insert opp.)
Penrhyn Slate Co., 493 E 138th, New York
Peters, E. D. & Sons (Jobbers & Exporters), Slatington, Pa.

Roofing Slate (Red)

ALGONQUIN RED SLATE CO., 10 E Worcester, orcester, Mass. Mills, Truthville, N. Y.
AMERICAN SLATE CO. (Inc.), B'rd of Trade bldg, Boston, Mass. (See adv. below)
Edwards Slate Co., Granville, N. Y.
Galt, John & Sons, 253 B'way, New York, & 95 Washington, Chicago, Ill.
Hughes, Wm. H., Granville, N. Y.
MATHEWS CONSOLIDATED SLATE CO. (Unfading), 199 Wash'n, Boston, Mass. (See insert opp.)
Norton Bros., Granville, N. Y.
Penrhyn Slate Co., 493 E 138th, New York
Peters, E. D. & Sons (Jobbers & Exporters), Slatington, Pa.

Roofing Slate (Sea Green)

AMERICAN SLATE CO. (Inc.), B'rd of Trade bldg, Boston, Mass. (See adv. below)
Auld & Conger, 246 Prospect, Cleveland, O.
Beecher Slate Co., West Pawlet, Vt.
Edwards Slate Co., Granville, N. Y.
Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
Fleming Slate Co., Poultney, Vt.
Galt, John & Sons, 253 B'way, New York, & 95 Washington, Chicago, Ill.
Griffith & Nathaniel, Poultney, Vt.
Hower, J. K. (Jobber), Danielsville, Pa., & Slatington, Pa.
Hughes, Wm. H., Granville, N. Y.
Johnson, E. J. & Co., 38 Park Row, N. Y.
Lloyd, E. E. & Son, Poultney, Vt.
MATHEWS CONSOLIDATED SLATE Co., 199 Wash'n, Boston, Mass. (See insert opp.
Norton Bros., Granville, N. Y.
Owens', Owen W., Sons, Granville, N. Y.
Penrhyn Slate Co., 493 E 138th, New York
Peters, E. D. & Sons (Jobbers & Exporters), Slatington, Pa.
Poultney Consolidated Slate Co., Poultney, Vt.
Rising & Nelson Slate Co., West Pawlet, Vt.
Slatington-Bangor Slate Syndicate, Slatington, Pa.
Vermont Slate Co. (Inc.), Granville, N. Y.

Roofing Slate (Unfading Green)

AMERICAN SLATE CO. (Inc.), B'rd of Trade bldg, Boston, Mass. (See adv. below)
EUREKA SLATE QUARRIES (A. Tut-tle, Treas.), Fair Haven, Vt. (See insert Fleming Slate Co., Poultney, Vt. opp,)
Galt, John & Sons (Jobbers), 253 B'way, N. Y., & 95 Washington, Chicago, Ill.
Lloyd, Evan E., Fair Haven, Vt.
Lloyd, R. E., Fair Haven, Vt.
Lloyd, W. H., Fair Haven, Vt.
MATHEWS CONSOLIDATED SLATE Co., 199 Wash'n, Boston, Mass. (See insert opp.)
Mincgue, Jas., Fair Haven, Vt.
Peters, E. D. & Sons (Jobbers & Exporters), Slatington, Pa.
Poultney Consolidated Slate Co., Poultney, Vt.

Roofing Slate (Unfading Mottled)

EUREKA SLATE QUARRIES (A. Tuttle, Treas.), Fair Haven, Vt. (See insert opp.)

Roofing Slate (Variegated)

AMERICAN SLATE CO. (Inc.), B'rd of Trade bldg, Boston, Mass. (See adv. below)
Edwards Slate Co., Granville, N. Y.
Fleming Slate Co., Poultney, Vt.
Galt, John & Sons, 253 B'way, New York, & 95 Washington, Chicago, Ill.
Griffith & Nathaniel, Poultney, Vt.
Penrhyn Slate Co., 493 E 138th, New York
Peters, E. D. & Sons (Jobbers & Exporters), Slatington, Pa.

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American Cement Tile Mfg. Co. ("Bonanza" Flat Tile for Factories, Depots, etc.), 208 Wood, Pittsburg, Pa. Works, Wampum, Pa.
Perth Amboy Cement, Stone & Roofing Tile Co. (Any Color), Perth Amboy, N. J.

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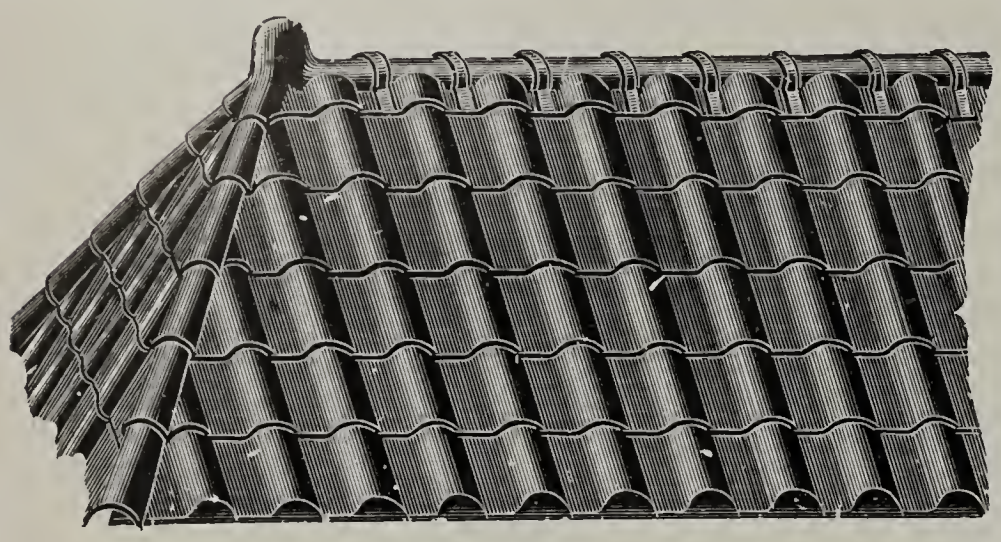
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Roofing Tile (Glass)

CELADON ROOFING TILE CO., 156 5th av, New York, & 204 Dearborn, Ottawa, Ill. (See insert opp.)

Roofing Tile (Metallic)

(See Shingles, Metallic.)

Roofing Tile (Metallic, Graduated)

BERGER MFG. CO., Main Office & Works, Canton, O. Branches—23 Lake, Chicago, Ill.; 210 E 23d, New York; 623 N Main, St. Louis, Mo.; 1215 Filbert, Phila., Pa., & 176 Federal, Boston, Mass. (See adv. index, end of book)
Merchant & Co., 517 Arch, Philadelphia, Pa.; 247 Water, N. Y.; 584 Flushing av, Brooklyn, N. Y., & 14 Michigan st, Chicago, Ill.
Mullins, W. H., Salem, O.

*Roofing Tile (Metallic, Spanish Shapes)

BERGER MFG. CO., Canton, O., 23 Lake, Chicago, Ill., & 210 E 23d, N. Y. (See adv. index, end of book)
Merchant & Co., 517 Arch, Phila., Pa.; 247 Water, N. Y.; 584 Flushing av, Brooklyn, N. Y., & 14 Michigan st, Chicago, Ill.
Meurer Bros. Co., Brooklyn, N. Y.
Mullins, W. H., Salem, O., & 39 Cortlandt, N. Y.

Roofing Tile ("Monshausen")

MILWAUKEE CORRUGATING CO., Milwaukee, Wis. (See adv. opp. next page)

Roofing Tile (Promenade)

AKRON ROOFING TILE CO., Akron, O. (See insert opp.)
CELADON ROOFING TILE CO., 156 5th av, New York, & 204 Dearborn, Chicago, Ill. Works, Alfred, N. Y., & Ottawa, Ill. (See insert opp.)
CINCINNATI ROOFING TILE & Terra Cotta Co., Mitchell av & B. & O. S. W. Ry.

Roofing Tile (Roman Grecian)

AKRON ROOFING TILE CO., Successors to J. C. Ewart & Co., Akron, O. (See insert opp.)

Roofing Tile (Terra Cotta)

AKRON ROOFING TILE CO, succrs. to J. C. Ewart & Co., Akron, O. (See insert opp.
Alfred Clay Co. ("Regal"), Alfred, N. Y.
Bennett, Edw. Roofing Tile Works, Eden & Aliceanna, Baltimore, Md.
BOSTON FIRE BRICK CO. (Geo. M. Fiske, Mgr.), (Mfrs.' Agts.), 161 Devonshire, Boston, Mass. (See adv. index, end of book)
Bradford Terra Cotta Co., Bradford, Pa. Works, Lewis Run, Pa.
CARTER, BLACK & AYERS (Mfrs.' Agents), No. 1 Madison av, N. Y. (See adv. index, end of book)
CELADON ROOFING TILE CO. (Celadon), 156 6th av, New York, & 204 Dearborn, Chicago, Ill. Works, Alfred, N. Y., & Ottawa, Ill. (See insert opp.)
Chicago Roofing Tile Co., 218 La Salle, Chicago, Ill. Factory, Prospect Hill, Mo.
CINCINNATI ROOFING TILE & Terra Cotta Co., Mitchell av & B. & O. S. W. Ry., Cincinnati, O.
CINCINNATI WALL TILE CO. (Mfrs' Agt.), 228 W 4th, Cincinnati, O. (See adv. index, end of book)
Gladding, McBean & Co., Rialto bldg, San Francisco, Cal. Works, Lincoln, Cal.
GLOBE ROOFING TILE CO., 218 La Salle, Chicago, Ill., & 1133 B'way, New York. (See adv. below)
LAWES, GEORGE H. & CO. (Mfrs.' Agts.), Gilfillan bldg, St. Paul, Minn. (See adv. index, end of book)
Ludowici Roofing Tile Co., 138 Washington, Chicago, Ill.
MAURER, HENRY & SON, 420 E 23d, New York, & Penna bldg, Phila., Pa. Works, Maurer, N. J. (See adv. index, end of book)
Mound City Roofing Tile Co., St. Louis, Mo.
National Tile Roofing Co. (Interlocking Tile), Lima, O.
Ohio Roofing Tile Co., Ottawa, O.
Ohio Valley Clay Shingle Co. (Vitrified Flat Tile & Shingles), Huntington, W. Va.
Person, O. D. (Akron), 160 5th av, N. Y.
Steiger, Geo. A., San Jose, Cal.
St. Louis Terra Cotta Co., 5815 Manchester av, St. Louis, Mo.
THOMAS, E. H. (Mfrs.' Agent), 1123 B'way, New York
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Warwick Roofing Tile Co., Evansville, Ind., & Newburgh, Ind.
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CINCINNATI ROOFING TILE & Terra Cotta Co. (Vitrified), Mitchell av & B. & O. S. Ry., Cincinnati, O.
GLOBE ROOFING TILE CO., 218 La Salle, Chicago, & 1133 B'way, New York. (See adv. below)
Person, O. D. (Akron), 160 5th av, N. Y.
THOMAS, E. H. (Mfrs.' Agent), 1123 B'way, New York

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Person, Orrin D. (Akron Tile), 160 5th av, N. Y.
THOMAS, E. H. (Mfrs. Agent), 1123 B'way, New York.

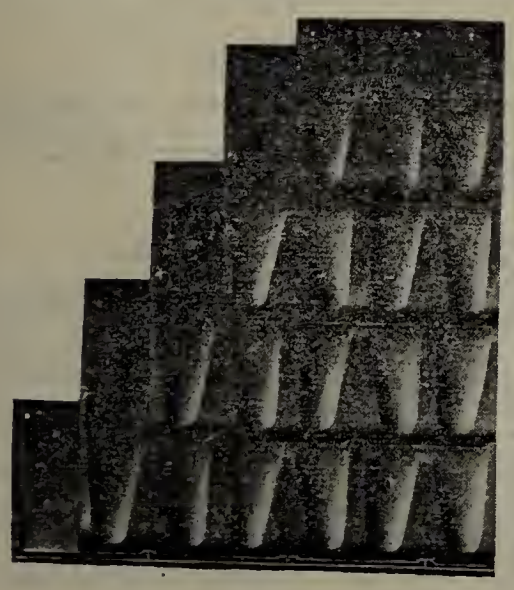
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AMERICAN SHEET & TIN PLATE Co., Frick bldg, Pittsburg, Pa. District Sales Offices, Battery Park bldg, New York; Rookery bldg, Chicago, Ill.; Union Trust bldg, Cincinnati, O.; Chemical bldg, St. Louis, Mo.; Ainsworth blk, Portland, Ore.; Hennen bldg, New Orleans, La.; Equitable bldg, Denver, Colo.; Union Trust bldg, Detroit, Mich., & Mills bldg, San Francisco, Cay. (See adv. index, end of book)

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(* Indicates Rolling Mills.)
(See also Iron & Steel Corrugated.)

***AMERICAN SHEET & TIN PLATE** Co., Frick bldg, Pittsburg, Pa. District Sales Offices, Battery Park bldg, New York; Rookery bldg, Chicago, Ill.; Union Trust bldg, Cincinnati, O.; Chemical bldg, St. Louis, Mo.; Ainsworth blk, Portland, Ore.; Hennen bldg, New Orleans, La.; Equitable bldg, Denver, Colo.; Union Trust bldg, Detroit, Mich., & Mills bldg, San Francisco, Cay. (See adv. index, end of book)
*American Steel Roofing Co., Middletown, O.
BERGER MFG. CO., Main Office & Works, Canton, O. Branches—23 Lake, Chicago, Ill.; 623 N Main, St. Louis, Mo.; 21 0E 23d, New York; 1215 Filbert, Philadelphia, Pa., & 176 Federal, Boston, Mass. (See adv. index, end of book)
Burton, W. J. & Co., 164 Larned, W. Detroit, Mich.
Cambridge Roofing Co., Cambridge, O.
Canton Steel Roofing Co., Canton, O.
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
Conner, Chas. H. & Co., 17th & Arbegust, Louisville, Ky.
Dickelman Mfg. Co., Forest, O.
Duluth Corrugating & Roofing Co., Duluth, Minn.



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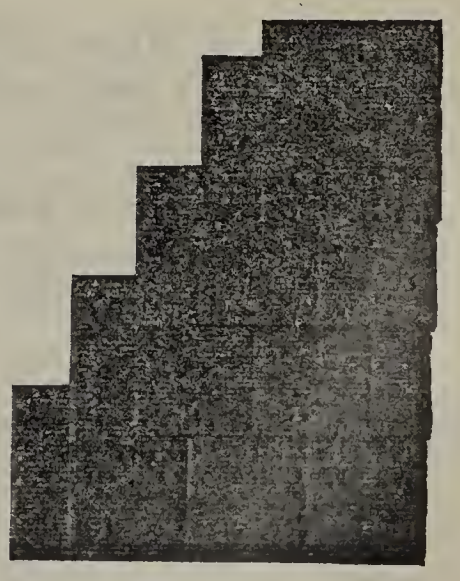
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Excelsior Iron Roofing Co., Aurora, Ind.
Fostoria Steel Roofing Co., Fostoria, O.
GARRY IRON & STEEL CO., Cleveland, O. (See adv. index, end of book)
Gedge Bros. Iron Roofing Co., Anderson, Ind.
Globe Iron Roofing & Corrugating Co., Cincinnati, O.
Goff, Horner & Co., Ltd. ("Muskingum"), Frick bldg, Pittsburg, Pa. Works, Zanesville, O.
Hyndman Steel Roofing Co. 318 E. 2d, Cincinnati, O.
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Indianapolis Steel Roofing & Corrugating Co., 23 E South, Indianapolis, Ind.
Iron City Metal Ceiling Co., 2412 Penn av, Pittburg, Pa.
Kansas City Roofing & Corrug. Co., 416 Delaware, Kansas City, Mo.
Kanneberg Roofing & Ceiling Co., Canton, O.
La Crosse Steel Roofing & Corrugating Co., La Crosse, Wis.
MILWAUKEE CORRUGATING CO., Milwaukee, Wis. (See adv. opp. this page)
Moseley Iron Bridge & Roof Co., 39 Cortlandt, N. Y.
*Muskingum Valley Steel Co., Zanesville, O.
National Roofing & Corrugating Co., Niles, O.
New England Steel Roofing Co., Worcester, Mass.
New Process Steel & Wire Co., East St. Louis, Ill.
Niles Iron & Steel Roofing Co., Niles, O.
N. Y. Iron Roofing & Corrugating Co., Jersey City, N. J.
N. Y. Metal Ceiling Co., 537 W 24th, N. Y.
Ornamental Iron & Wire Co. (Inc.), Portsmouth, Va.
Penn Metal Ceiling & Roofing Co. (Ltd.), 23d & Hamilton, Philadelphia, Pa.
Pittston Iron Roofing Co., Pittston, Pa.
Porter Iron Roofing & Corrugating Co., 27 W Front, Cincinnati, O.
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Scott & Co., 234 E Front, Cincinnati, O.
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Souther, E. E. Iron Co., St. Louis, Mo.
Southern Roofing Co., Atlanta, Ga.
Steel Roofing & Stamping Works, Des Moines, Ia.
Sykes Metal Lath & Roofing Co., Niles, O., & 611 S Morgan, Chicago, Ill.
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*Youngstown Iron & Steel Roofing Co., Youngstown, O.

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BRODERICK & BASCOM ROPE CO., 809 N Main, St. Louis, Mo., & 33 South, New York. (See adv. index, end of book)

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Cleveland Cotton Mills, Inc. (Clothes Lines, etc.), Cleveland. Mills, N. C.
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Goss Bros., Fall River, Mass.
Gould Wire Cord Co. (Also Clothes Lines), Hudson, Mass.
Holden, Jas., Fall River, Mass.
Hooper Sons Mfg. Co., 509 Arch, Phila., Pa.
Jackson, Thos. & Son, Reading, Pa.
Lambeth Rope Corp'n (Transmission, etc.), New Bedford, Mass.
Laural Cotton Mills, Laural, Miss.
Peace, Atkins & Co., Cincinnati, O.
Small Bros., Fall River, Mass.
Toohey, M. J. & Co., Fall River, Mass.
Tucker-Carter Rope Co. (Also Clothes Lines), 176 Maiden la, & New London, N. C.
U. S. Cotton Duck Corp'n, Continental Trust bldg ,Baltimore, Md.
Willard Mfg. Co., Willardville, N. C.

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Builders' Iron Foundry (Manilla), Providence, R. I.
Skillin & Richards Mf. Co., 147 Fulton, Chico, Ill.
Strait, H. N. Mfg. Co. (Vertical or Horizontal). Kansas City, Mo.

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American Mfg. Co., 63 Wall, N. Y.
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HAZARD MFG. CO. (Steel Wire), Wilkesbarre, Pa.; 50 Dey, New York; Conestoga bldg, Pittsburg, Pa., & 71 W Adams, Chicago, Ill. (See adv. index, end of book)
LESCHEN, A. & SONS ROPE CO., 920 N 1st, St. Louis, Mo.; 137 E Lake, Chicago, Ill.; 163 Washington, New York, & 1717-23 Arapahoe, Denver, Colo. (See adv. index, end of book)
NATIONAL WIRE CORPORATION, 114 Liberty, New York. (See adv. index, end of book)
Tubbs Cordage Co., San Francisco, Cal.
WRIGHT WIRE CO., Worcester, Mass. (See adv. index, end of book)

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CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. opp. next page)

Rope (Manilla & Sisal)

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American Mfg. Co., 63 Wall, N. Y.
Bailey, John T. & Co., S Water & Morris, Philadelphia, Pa.
Bay State Cordage Co. (Also New Zealand), Newburyport, Mass.
Boehme & Rauch Cordage Co., Monroe, Mich.
BRODERICK & BASCOM ROPE CO., 809 N Main, St. Louis, Mo., & 33 South, New York. (See adv. index, end of book)
CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. opp. next page)
Chelsea Jute Mills, 1155 Manhattan av & 346 B'way, New York
Columbian Rope Co. (Also Bale, Hay, Hide Rope, etc.), Auburn, N. Y.
De Grauw, Aymar & Co., 35 South, N. Y.
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LESCHEN, A. & SONS ROPE CO., 920 N 1st, St. Louis, Mo.; 137 E Lake, Chicago, Ill.; 163 Washington, New York & 1717-23 Arapahoe, Denver, Colo. (See adv. index, end of book)
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Overman & Sehrader Cordage Co., Cincinnati, O.
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Standard Rope & Twine Co., 17 State, New York
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Tubbs Cordage Co., 607 Front, San Francisco, Cal.
Tucker & Carter Rope Co., 176 Maiden lane, New York. Factory, New London, N. C.
Upson-Walton Co. (Wholesale), Cleveland, O.
Wall, W. F., 56 South, N. Y.
Waterbury & Co., 69 South, New York

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AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill. (See adv. index, end of book)
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LESCHEN, A. & SONS ROPE CO., 920 N 1st, St. Louis, Mo.; 163 Wash'n, New York; 137 Lake, Chicago, Ill., & 1717-23 Arapahoe, Denver, Colo. (See adv. index, end of book)
NATIONAL WIRE CORPORATION, 114 Liberty, New York. (See adv. index, end of book)
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FRANK BAACKES GENL SALES AGENT

CHICAGO November 28 1903

B. E. Hendricks Co.

76 Elm St NEW YORK

Gentlemen:

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We thank you for thekindly pointers.

Very truly yours,

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B. B. Ayers Secy.

AMERICAN CAR AND FOUNDRY COMPANY.

LINCOLN TRUST BUILDING

PURCHASING DEPARTMENT ST. LOUIS.

Mar. 21, 1904.

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76 Elm St.,
New York, N.Y.

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If you can give us addresses of any ons in position to furnish this material we shall be obliged to you.

Yours truly,

A. A. Bixby

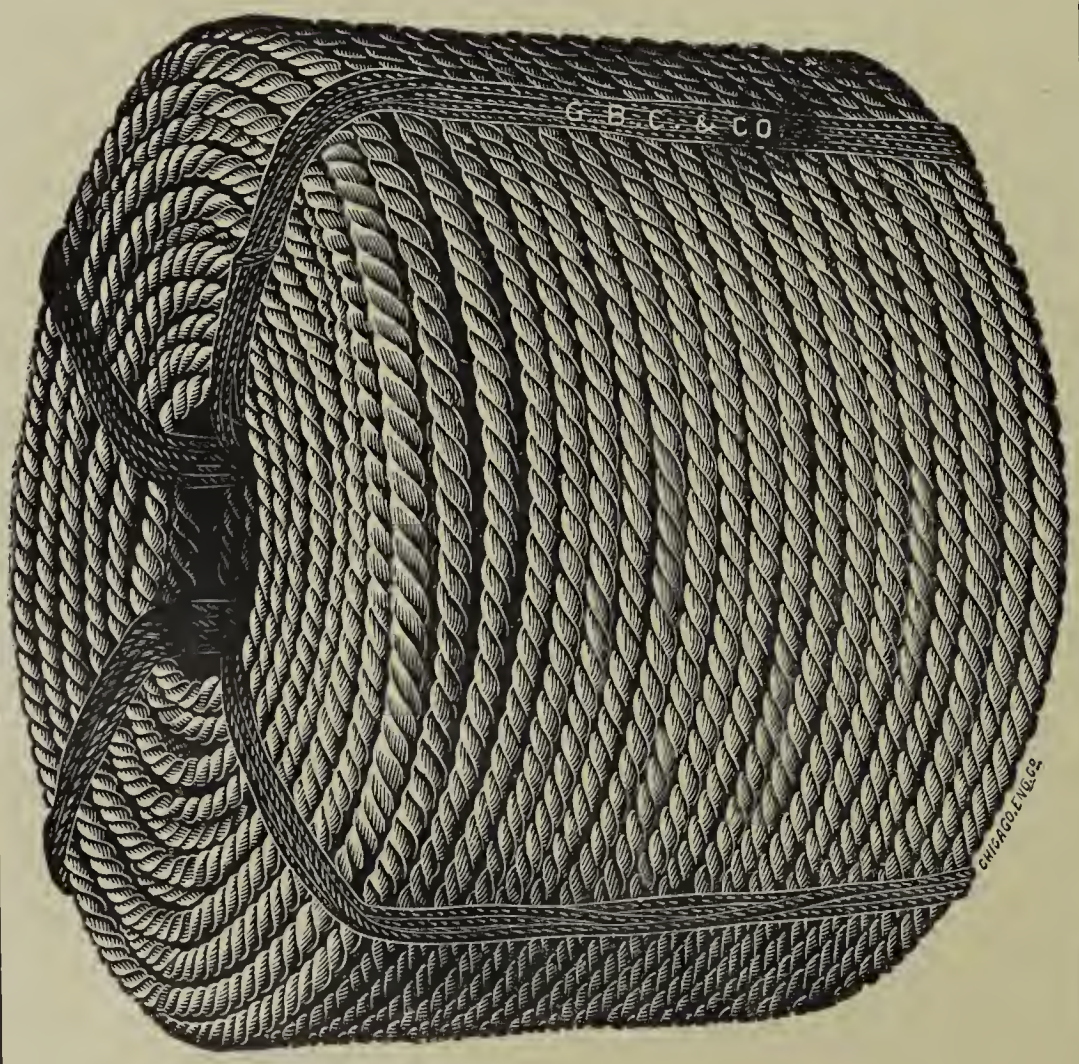
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Buckley, Jno. W. Mfg Co., 69 Warren, N. Y.
Canfield, H. O., Bridgeport, Conn.
Clinton Mfg. Co., 83 Grand av, Brooklyn, N. Y.
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Consumers Rubber Co., 199 Bank, Cleveland, O.
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Diamond Rubber Co., Akron, O.
Empire Rubber Mfg. Co., Trenton, N. J., & 60 Reade, New York
Eureka Fire Hose Co., 13 Barclay, New York. Works, Jersey City, N. J.
Franklin Rubber Mfg. Co., Trenton, N. J.
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Hartford Rubber Works, Hartford, Conn., & 136 Lake, Chicago, Ill.
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Morgan & Wright, 19 N May, Chicago
National India Rubber Co., Bristol, R. I. & 42 B'way, New York
New Jersey Car Spring & Rubber Co., Jersey City, N. J.
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Republic Rubber Co., Youngstown, O.
Revere Rubber Co., 77 Bedford, Boston, Mass.; 59 Reade, New York; Phila., Pa.; San Francisco, Cal., & Chicago, Ill.
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Trenton Rubber Mfg. Co., Trenton, N. J.
United & Globe Rubber Mfg. Co., Trenton, N. J.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
Whitehead Bros. Rubber Co., Trenton, N. J.
Waterbury Rubber Mfg. Co., 49 Warren, N. Y.
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(See Packing)

Rubber & Enamel Carriage Cloth

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Consolidated Rubber Co., Trenton, N. J.
Continental Rubber Works, Erie, Pa.
Empire Rubber Mfg. Co., Trenton, N. J.
Empire Rubber Mfg. Co., Trenton, N. J., & 60 Reade, New York
Lake Shore Rubber Co., Erie, Pa.

Rules

(Under this heading see sub-classifications.)

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Athol Machine Co. ("Standard" Steel), Athol, Mass.
Belcher Bros. Co., Irvington, N. J.
Brown & Sharpe Mfg. Co., Providence, R. I.
Chapin-Stephens Co. (Box Wood, Ivory, Combination, Slope Level, Try Square & Miscellaneous, etc.), Pine Meadow, Conn.
DIETZGEN, EUGENE CO. (For Draughting Room), 181 Monroe, Chicago; 119 W 23d, New York, & 14 1st, San Francisco, Cal. (See adv. index, end of book)
Disston, Henry & Sons (Inc.), Tacony, Phila., Pa., & 75 W Wash'n, Chicago, Ill.
Eddy, Geo. & Co. (for Surveyors, etc.), 345 Classon av, Brooklyn, N. Y.
Keuffel & Esser Co., 127 Fulton, New York
LUFKIN RULE CO., Saginaw, Mich., U. S. A. Branches, 280 B'way, New York, & 48 Lime, London, E. C., Eng. (See adv. next column)
Massachusetts Tool Co. (Tempered Steel), Greenfield, Mass.
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 27 Murray, N. Y.
Russell & Erwin Mfg. Co., New Britain, Conn., & 43 Chambers, New York
Sawyer Tool Mfg. Co., Fitchburg, Mass.
Smith, S. O. (Counting Houses, etc.), Newark, N. J.
SOLTMANN, E. G. (Architects' & Engineers' Slide; also everything for the Architect, Engineer & Draughting Room). 125 E 42d, New York. (See adv. index, end of book)
Stanley Rule & Level Co., New Britain, Conn., & 107 Chambers, New York
Starrett, L. S. Co., Athol, Mass.
Stevens, J. Arms & Tool Co., Chicopee Falls Mass.
Union Nut & Bolt Co. (Boxwood), Unionville, Conn.
Upson Nut Co., Unionville, Conn., & Cleveland, O.
Whitman & Barnes Mfg. Co., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York

Rules (Caliper)

(See also Calipers.)

Athol Machine Co., Athol, Mass.
Belcher Bros. Co., Irvington, N. J.
Brown & Sharpe Mfg. Co., Providence, R. I.
Chapin-Stephenes Co. (Boxwood), Pine Meadow, Conn.
Humphrey Machine Co., Keene, N. H.
SOLTMANN, E. G. (Also Everything for the Architect, Engineer & Draughting Room), 125 E 42d, New York. (See adv. index, end of book)
Stanley Rule & Level Co. (Boxwood, Ivory, etc.), New Britain, Conn.
Upson Nut Co., Unionville, Conn., & Cleveland, O.

Rules (Extension)

HAMMACHER, SCHLEMMER & CO., 133 4th av, New York. (See adv. index, end of book)
Keuffel & Esser Co., 127 Fulton, New York
Stanley Rule & Level Co., New Britain, Conn.

Rules (Key Seat)

Brown & Sharpe Mfg. Co., Providence, R. I.
HAMMACHER, SCHLEMMER & CO., 133 4th av, New York. (See adv. index, end of book)
Starrett, L. S. Co., Athol, Mass.

Rules (Lumberman's)

Chapin-Stephens Co. (Log Sticks, etc.), Pine Meadow, Conn.
HAMMACHER, SCHLEMMER & CO., 133 4th av, New York. (See adv. index, end of book)
LUFKIN RULE CO., Saginaw, Mich., U. S. A. Branches, 280 B'way, New York, & 48 Lime, London, E. C., Eng. (See adv. next column)
Smith, S. O. (Wood), Newark, N. J.
Stanley Rule & Level Co., New Britain, Conn.
Upson Nut Co., Unionville, Conn., & Cleveland, O.

Rules (Machine, Divided Steel)

LUFKIN RULE CO., Saginaw, Mich., U. S. A. Branches, 280 B'way, New York, & 48 Lime, London, E. C., Eng. (See adv. below)

Rules (Machinists')

Athol Machine Co., Athol, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Coffin & Leighton, Syracuse, N. Y.
Disston, Henry & Sons (Inc.), Tacony, Phila., Pa., & 75 W Wash'n, Chicago, Ill.
Gould & Eberhardt (Standard Gear Rules), Newark, N. J.
HAMMACHER, SCHLEMMER & CO., 133 4th av, New York. (See adv. index, end of book)
Lufkin Rule Co., Saginaw, Mich.
Starrett, L. S. Co., Athol, Mass.
Stevens, J. Arms & Tool Co., Chicopee Falls, Mass.
Wyke, John & Co. (Steel), 898 Saratoga, E. B., Boston, Mass.

Rules (Scale & Shrinkage)

Belcher Bros. Co., Irvington, N. J.
Brown & Sharpe Mfg. Co., Providence, R. I.
KEUFFEL & ESSER CO., 127 Fulton, N. Y.; 111 Madison, Chicago, Ill.; 708 Locust, St. Louis, Mo., & 303 Montgomery, San Francisco, Cal.
Starrett, L. S. Co., Athol, Mass.

(Rules (Shrinkage)

SOLTMANN, E. G. (For Metal & Terra Cotta; also everything for Architect, Engineer & Draughting Room), 125 E 42d, New York. (See adv. index, end of book)

Rules (Steel)

Athol Machine Co., Athol, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Disston, Henry & Sons (Inc.), Tacony, Phila., Pa., & 75 W Wash'n, Chicago, Ill.
209 Bowery, N. Y. (See adv. index, page 1200)
HAMMACHER, SCHLEMMER & CO., 133 4th av, New York. (See adv. index, end of book)
KEUFFEL & ESSER CO., 127 Fulton, N. Y.; 111 Madison, Chicago, Ill.; 708 Locust, St. Louis, Mo., & 303 Montgomery, San Francisco, Cal.
LUFKIN RULE CO., Saginaw, Mich., U. S. A. Branches, 280 B'way, New York, & 48 Lime, London, E. C., Eng. (See adv. below)



Nichols Mfg. Co. (Framing), Ottumwa, Ia.
Peck, Stow & Wilson Co., Southington, Conn.; Cleveland, O., & 27 Murray, New York
Sawyer Tool Mfg. Co., Fitchburg, Mass.
Starrett, L. S. Co., Athol, Mass.

Rules (Steel, Metric)

Brown & Sharpe Mfg. Co., Providence, R. I.
LUFKIN RULE CO., Saginaw, Mich., U. S. A. Branches, 280 B'way, New York, & 48 Lime, London, E. C., Eng. (See adv. preceding page)
Sawyer Tool Mfg. Co., Fitchburg, Mass.
Stanley Rule & Level Co., New Britain, Conn.

Rules (Tinners')

LUFKIN RULE CO., Saginaw, Mich., U. S. A. Branches, 280 B'way, New York, & 48 Lime, London, E. C., Eng. (See adv. preceding page)
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O. & 27 Murray, N. Y.
Russell & Erwin Mfg. Co., New Britain, Conn., & 43 Chambers, N. Y.

Runner Bars for Plate Glass

Cambridge Foundry Co., Cambridge, O.

Rust Preventives

Houghton, E. F. & Co. ("Cosmic" & White Slushing Oil), 240 W Somerset, Phila., Pa.
Melville, F. L. ("Melville's Standard"), 192 Front, New York

Rustic Work (Terra Cotta)

Bradford Terra Cotta Co. (Garden Furniture). Bradford, Pa. Works, Lewis Run, Pa.
Cincinnati Sewer Pipe Co., c Elm & Water, Cincinnati, O.
Streator Clay Mfg. Co., Streator, Ill.

Saddles (Car Roof) for Running Board

Dayton Malleable Iron Co. (Malleable Iron), Dayton, O.

Saddles (Pipe)

Kelly & Jones Co., 135 Water, Pittsburg, Pa.; 15 Park Row, N. Y., & 59 Clark, Chicago, Ill. Works, Galesburg, Pa.

Sad Irons

Blacklock Foundry Co., So. Pittsburg, Tenn.
Bless & Drake ("Potts" Cold-Handle, Self-Heating Charcoal, etc.), Newark, N. J.
Chalfant Mfg. Co., Lancaster, Pa.
Chattanooga Implement & Mfg. Co. ("Mrs. Potts" & Common), East Chattanooga, Tenn.
Dover Mfg. Co. ("Par Excellence," Asbestos), Canal Dover, O.
Enterprise Mfg. Co. ("Enterprise"), 3d & Dauphin, Phila., Pa.
Genessee Valley Mfg. Co., Mt. Morris, N. Y.
Griswold Mfg. Co., Erie, Pa.
Howell, W. H. Co., Batavia, Ill.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Mudd Mfg. Co., Hanson Pk, Chicago, Ill.
Ober Mfg. Co., Chagrin Falls, O.
Pease Mfg. Co., Cincinnati, O.
Pleuger & Henger Mfg. Co. ("Potts" & Common), 11th & Hebert, St. Louis, Mo.
Richmond Foundry & Mfg. Co. ("Potts," "Taylor" & Common), 517 Market, San Francisco, Cal.
Sandage Steel Swein Co., South Bend, Ind.
Schreiber & Conchar Mfg. Co., Dubuque, Ia.
Streeter, N. R. & Co., Rochester, N. Y.
Union Mfg. Co., Boyertown, Pa.
United Steel Co., Canton, O.
Vogel, Wm. & Bros., 37 S 9th, Brooklyn, N. Y.
Williams, A. C., Ravenna, O.
Wrightsville Hardware Co. (Mrs. Bent's "Improved" "Ladies Pride"), Wrightsville, Pa.

Safes (Express Car)

HERRING-HALL-MARVIN SAFE CO. 400 B'way, New York; Hamilton, O.; Phila., Pa.; St. Louis, Mo., & San Francisco, Cal. (See adv. below)

Safes (Fire & Burglar Proof)

(For All Other Safe Mfrs. See Bank Vaults.)

Barnes Safe & Lock Co., 325 3d av, Pittsburg, Pa.
Cary Safe Co., Buffalo, N. Y.
Diebold Safe & Lock Co., Canton, O., & 30 Reade, New York
HALL'S SAFE CO. Main Office & Works, Spring Grove av, Cincinnati, O.; 393 Broadway, N. Y.; 64 Sudbury, Boston; 52 Wabash av, Chicago; 421 N 4th, St. Louis; 450 E Water, Milwaukee; 5th & Minnesota, St. Paul; 1116 Farnam, Omaha; 1104 Union av, Kansas City; 1610 Glenarm, Denver; 48 E 2d, S., Salt Lake City; 1332 2d av, Seattle; 12 Pine, San Francisco; 133 S Broadway, Los Angeles; 332 El Paso, El Paso; 257 Main, Dallas; 11 5th av, W., Duluth; 91 1st, Portland, Oreg.; 5 W German, Baltimore; 213 Chartres, New Orleans; 805 Market, Chattanooga. (See adv. index, end of book)
HERRING-HALL-MARVIN SAFE CO. 400 B'way, New York; Hamilton, O.; Phila., Pa.; St. Louis, Mo., & San Francisco, Cal. (See adv. below)
Hibbard, Rodman, Ely Safe Co., Works, Perth Amboy, & Plainfield, N. J.
Kansas City Furniture Co. (Screw Round Door Bank), 9th & Walnut, Kansas City, Mo.
Miller, L. H. Safe & Iron Works, Baltimore, Md.



Herring-
Hall-Marvin
Safe Co.,

400 Broadway,
New York.

Mosler Safe Co. Main Office & Works, Hamilton, O.
National Safe & Lock Co., 13 Craw av, Cleveland, O.
Remington & Sherman Co., 38 Park pl, New York, & 624 Richmond, Phila., Pa.
Victor Safe & Lock Co., 320 E 8th, Cincinnati, Ohio
York Safe & Lock Co., 72 Maiden la, N. Y.; 33 S Charles, Baltimore, Md., & York, Pa.

Safes (House)

HERRING-HALL-MARVIN SAFE CO. 400 B'way, New York; Hamilton, O.; Phila., Pa.; St. Louis, Mo., & San Francisco, Cal. (See adv. opp. page)

Safes (Receiving)

(For Street Railway Conductors' Trip Returns.)

Littleford Bros., 453 E Pearl, Cincinnati, O.

Safety Deposit Boxes

HALL'S SAFE CO. Main Office & Works, Spring Grove av, Cincinnati, O.; 393 Broadway, N. Y.; 64 Sudbury, Boston; 52 Wabash av, Chicago; 421 N 4th, St. Louis; 450 E Water, Milwaukee; 5th & Minnesota, St. Paul; 1116 Farnam, Omaha; 1104 Union av, Kansas City; 1610 Glenarm, Denver; 48 E 2d, S., Salt Lake City; 1332 2d av, Seattle; 12 Pine, San Francisco; 133 S Broadway, Los Angeles; 332 El Paso, El Paso; 257 Main, Dallas; 11 5th av, W., Duluth; 91 1st, Portland, Oreg.; 5 W German, Baltimore; 213 Chartres, New Orleans; 805 Market, Chattanooga. (See adv. index, end of book)
HERRING-HALL-MARVIN SAFE CO. 400 B'way, New York; Hamilton, O.; Phila., Pa.; St. Louis, Mo., & San Francisco, Cal. (See adv. opp. page)
Mosler Safe Co., 373 B'way, N. Y.
National Safe & Lock Co., 13 Craw av, Cleveland, O.

Safety Water Columns

(See Water Columns, Safety.)

Salamander Wall Coverings

LLOYD, W. H. S. CO., 31 Union sq, New York

Salamanders

Eagle Iron Works, 850 DeKalb av, Brooklyn, N. Y.
Littleford Bros., 453 E Pearl, Cincinnati, O.

Salamandorite

Johns, H. W.-Manville Co. (A new fireproof paneling for interior decorative work), 100 William, New York

Sal-Ammoniacs

Allen, L. B. Co. (Battery & Commercial Brands), 1335 Columbia av, Chicago, Ill.
Grasselli Chemical Co., Cleveland, O., & 63 Wall, New York

Salasee

SALASEE FIBRE CO., 150 W 38th, New York, N. Y. Tel. 5638-38th. (See adv. index, end of book)

Salt Well Machinery

(See Machinery, Salt Well)

Sand Blast Machines

(See Machines. Sand Blast.)

Sand Boxes

(See Boxes, Sand.)

Sand Excavating & Screening Plants (Portable)

JEFFREY MFG. CO., Columbus, O.; 41 Dey, New York, & Equitable bldg, Denver, Colo. (See adv. index, end of book)
Ward, Edgar T. Sons, 23 Purchase, Boston,

Sand (Filtration)

U. S. Filteration Co. (For Municipal Water Supply), Indianapolis, Ind.

Sand (Glass Makers')

Bidwell, R. O., South Vineland, N. J.
Crystal Sand Co., Bridgeton, N. J.
Glass Sand Co., Emlenton, Pa.
Pensylvania Glass Sand Co., 341 4th av, Pittsburg, Pa.
Reynolds, E. J. & Co., Utica, Ill.
Vineland Glass Sand Co., Bridgeton, N. J.

Sand Handling Plants

Heyl & Patterson, 51 Water, Pittsburg, Pa.

Sand Heaters & Dryers

CONTRACTORS' TOOL CO. (Gravel Heaters), 704 Arch, Phila., Pa. (See adv. index, end of book)

Sand-Lime Brick Plants Equipped

American Sand-Lime Brick Co., 225 Dearborn, Chicago
Huennekes, H. Co. (Inc.), 114 Liberty, New York
Schwarz-System Brick Co., 8 Bridge, New York

Sand Mixer & Screen (Combined)

Standard Sand & Machine Co., 1509 St. Clair, Cleveland, O.

Sand Molding Machines

(See Machines, Sand Molding.)

Sand (Moulding or Foundry)

(See also Foundry Facings & Supplies.)

Bloomfield Clay Co., Metuchen, N. J.
Evers, Jno., Waterford, N. Y.
arden City Sand Co., 188 Madison, Chicago, Ill.
Gordon, F. E., Conneaut, O.
Haedrick, E. M. (Also Gravel & Clay), Mariner & Merchants' bldg., Phila., Pa.
Keystone Moulding Sand Co., Danville, Pa.
Lake Shore Sand Co., 138 Wash'n, Chicago, Ill.
Newport Sand Bank Co., Newport, Ky.
New York Sand Facing Co., 610 Kent ave, Brooklyn, N. Y.
OBERMAYER, S. CO., 647 Evans, Cincinnati, O.; 18th & Rockwell, Chicago, Ill.; 35th & Charlotte, Pittsburg, Pa.; Roe bldg, St. Louis, Mo.; Majestic bldg, Detroit, Mich.; Cooper bldg, Denver, Colo.; Land Title bldg, Phila., Pa., & Mission st, San Francisco. (See adv. index, end of book)
PAXSON, J. W. CO., 1021 N Del. av, Phila., Pa. (See adv. index, end of book)
Preston, D. H. & Co., 4 W Harrison, Chicago
Rapp, A. P. Co., Phillipsburg, N. J.
SMITH, J. D. FOUNDRY SUPPLY CO., 40 S. Water, Cleveland, O., & 2143 Central av, Cincinnati, O. (See adv. index, end of book)
Standard Sand & Machine Co., 1509 St. Clair, Cleveland, O.
Valentine, H. D. & Bro. (Core Sand), Woodbridge, N. J.
Waldo Bros., 102 Milk, Boston
Webster Foundry Sand Co., 961 N Del. av, Phila., Pa.
Whitehead Bros. Co., 537 W 27th, N. Y.

Sand Papering Machines

(See Machines, Sand Papering.)

Sand Rammers

(See Rammers, Foundry.)

(Also Rammers, Pneumatic.)

Sand Sifters

Brass Founders Supply Co. (For Brass Fdrs.), Newark, N. J.
Dodge Mfg. Co., Mishawaka, Ind.
Gould & Eberhadt (Automatic for Foundries), Newark, N. J.
Horton Mfg. Co., Painesville, O.
Niles-Bement-Pond Co., 136 Liberty, New York. Works: Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
NORTHERN ENGINEERING WKS., Detroit, Mich. (See adv. index, end of book)
Obermeyer, S. Co., 647 Evans, Cincinnati, O.; 18th and Rockwell, Chicago; St. Louis, Detroit, Denver, Philadelphia and San Francisco
Pangborn, Thos. W., 42 Dey, New York
WHITING FOUNDRY EQUIPMENT CO. (Rotary, etc.), Harvey, Ill. (See adv. index, end of book)

Sand (Silica)

Bean, Francis M. (for Furnaces, etc.), Valley Forge, Pa.
Doggett, Stanley, 101 Beekman, New York
Garden City Sand Co. (also White), Security
Haedrich, E. M., 311 Walnut, Phila., Pa.
Ligonier Silica Brick Co., Kingston, Pa., & Farmers' Bank bldg, Pittsburg, Pa.
Pennsylvania Glass Sand Co. (White Rock), 341 4th av, Pittsburg, Pa.
Pennsylvania Silica Brick & Mfg. Co., Conestoga bldg, Pittsburg, Pa.
Rapp, A. P. Co., Phillipsburg, N. J.
Temple Sand Co., Reading, Pa.
U. S. Silica Co., The Rookery, Chicago, Ill., & Ottawa, Ill.
Valley Hill Sand Co., Malvern, Pa.
Warner, Chas. Co., Wilmington, Del., & Land Title bldg., Phila., Pa.

Sand & Gravel Dealers

Antrim Sand Co. (Sand), Wellsboro, Pa.
Bean, Francis M. (Fire), Valley Forge, Pa.
Bedford & Nugent, Evansville, Ind.
Berkley Sand Co., Berkley Springs, W. Va.
Brooks, Wm. Son Co., 615 W 49th, N. Y.
Brown & Fleming Contracting Co., 129 Broad, New York
Campbell, Bernard & Co., 268 W 34th, N. Y.
Clarke, Wm. Wirt & Son, 115 S Gay, Baltimore, Md.
Connellsville White Sand Co., Connellsville, Pa.
Cusick & Ryan, 536 W 49th
Davis, John A., 60 Mt. Washington av, Boston, Mass.
DeGrott, JasJ. A., Jonespoint, N. Y.
Detwiler Sand Co. (Sand), York, Pa.
Enterprise Sand & Gravel Co., Quincy, Ill.
Fogg, W. K. & Co. (Sand Only), Alliance, O.
Fox & Holloway, 252 Pearl, Buffalo, N. Y.

Fox River Sand Co. (Sand), Welden, Ill.
Gallagher, John, ft of E 38th, N. Y.
Garden City Sand Co., Security bldg, Chicago, Ill.
Godfrey, N. W., Port Eaton, N. Y.
Goodwin Bros., 17 Battery pl, New York
Haedrich, E. M., 311 Walnut, Phila., Pa.
Halliday, H. H. Sand & Gravel Co., Cairo, Ill.
Hatfield & Phillips, Alexandria, Pa.
Homegardner Sand Co., Sandusky O.
Ingram, W. T., Jeffersonville, Ind.
Iron City Sand Co., Westinghouse bldg, Pittsburg, Pa.
King, J. B. & Co., 1 B'way, N. Y.
Lake Erie Sand So., Sandusky, O.
Lake Shore Sand Co., 138 Wash'n, Chicago, Ill.
Long Island Sand Co., 78 Wall, N. Y.
Manasquan Granite Co., Asbury Park, N. J.
Mead & Taft (Red), Cornwall, N. Y.
Milligan, Jas., 1267 B'way, N. Y.
Millington White Sand Co., Millington, Ill., & Cleveland, O.
Murray & Co. (Rockaway), 263 Av C, New York
Murray & Reid, 39 South, New York
N. Y. Sand & Gravel Co., 519 E 80th, New York
O'Brien Bros. (Gravel), 54 South, New York
Peoples Bros. (Bar, White & Washed), 2508 Callowhill, Philadelphia, Pa.
Pfafflin, August Gravel Co. (Gravel Pit), Evansville, Ind.
Phoenix Towing & Transportation Co., 17 State, New York
Pierson, Dudley (Sand), 135 Rice, Springfield, O.
Potomac White Sand Co., Green Springs, W. Va.
Purdy, A. F. & Co. (Glass Sand), Bernhards Bay, N. Y.
Quaker City Mortar Co., 50 N. 23d, Philadelphia, Pa.
Quincy Sand Co., Quincy, Ill.
Rendt, Louis B. (also Broken Stone), 18 Beaver, New York
Reynolds, E. J. &Co. (Building Sand), Utica, Ill.
Richards & Goddard (Filter Sand), Holyoke, Mass.
Richardson, Frank M., Chamber of Commerce bldg, Chicago
Rock Island Sand Co., Rock Island, Ill.
Rodgers Sand Co., 321 Water, Pittsburg, Pa.
Schroeder, Edw. W., 4345 Beech Hill av, Cincinnati, O.
Shoemaker, Reed & Co., Greensburg, Pa.
Smith, Clarence Co., 444 W. 30th, New York
Standard Sand & Machine Co., 1509 St. Clair, Cleveland, O.
Tebbutt, Chas. S., ft E 104th, N. Y.
Tecumseh Gravel Co., Tecumseh, Mich.
Thomas, Hugh Co., 417 E 65th
Valley Hill Sand Co., Malvern, Pa.
Vanderbilt, Jacob, 7th St Dock, Hoboken, N. J.
Webster Foundry Sand Co., 961 N Del. av, Phila., Pa.
Whitehead Bros. Co., 537 W 27th, N. Y.
White River Sand & Gravel Co., Indianapolis, Ind.
Winfield Sand Co., 421 Wood, Pittsburg, Pa.
Yowler, C. D., Connellsville, Pa.

Sand & Gravel Heaters & Dryers

Contractors' Tool Co., 118 S 6th, Phila., Pa.
Cummer, F. D. & Son Co., The Arcade, Cleveland, O.

Handlan-Buck Mfg. Co. ("Champion"), 212 N 3d, St. Louis, Mo.
Horton Mfg. Co. (Sand Dryers), Painesville, O.
Iroquois Iron Works, 178 Walden av, Buffalo, N. Y.
Koven, L. O. & Bro., 50 Cliff, N. Y.
Littleford Bros., Cincinnati, O.
Parkhurst & Wilkinson Co. ("Clark" Dryers), Chicago, Ill.
Pioner Iron Works, 149 Pioneer, Brooklyn, N. Y.
Ruggles-Coles Engineering Co. (Dryers), 39 Cortlandt, N. Y.
Standard Sand & Machine Co., 1509 St. Clair, Cleveland, O.
Stuebner, G. L., 172 3d, Long Island City, N. Y.
Wellington Machine Co., Wellington, O.

Sanders (Moulding)

Austin & Eddy, 117 Broad, Boston, Minn.

Sanders (Track)

(See Locomotive Sanders.)

Sandpaper Mfrs.

American Glue Co., 415 Atlantic av, Boston: 14 Ferry, New York, & 150 E Kinzie, Chicago
Armour & Co., Chicago, Ill.
Baeder, Adamson & Co., 730 Market, Phila., Pa.; 67 Beekman, ew York; 172 Lake, Chicago, & 68 High, Boston, Mass.
Barton, H. H. & Son Co. (Inc.), 222 Market, Philadelphia, Pa.
Behr, Herman & Co., 75 Beekman, N. Y.
Boston Flint Paper Co., Hallowell, Me.
Coryell Flint Paper Co., Williamsport, Pa.
Union Sand Paper Co., Walpole, Mass.
Waddell, R. J. & Co., 52 Beekman, N. Y.
Wausau Sandpaper Co., Wausau, Wis.

Sash Balance Mfrs.

Bolles Revolving Sash Co. (The Queen), 102 Chambers, N. Y.
Buettner Sash Lock Co., 1550 Pleasant, Cincinnati, O.
Caldwell Mfg. Co., 8 Jones, Rochester, N. Y.
Coleman Hardware Co. (The Shumard), 59 Dearborn, Chicago
Edwards, O. M. Co. (Railroad Car Only), Syracuse, N. Y.
Gardner Sash Balance Co., 166 Dearborn, Chicago
International Lock Co. (The Lorix), Blackstone, New Eddy, Providence, R. I.
National Lock Washer Co., 65 Johnson, Newark, N. J.
Pullman Mfg. Co., Rochester, N. Y.
Rochester Sash Lock Co., Rochester, N. Y.
Schriber, O. P. & Co. ("I X L"), 208 Elm, Cincinnati, O.
Stearns, E. C. & Co., 100 Oneida, Syracuse, N. Y.

Sash Bars (Metallic)

(See Metallic Sash Bars.)

*Sash Bars (Steel)

BRAUN, J. G. (Plain & Ornamental), 322 S Paulina, Chicago, Ill., & 554 W 36th, New York. (See adv. index, end of book)

Sash Bolt & Support

Smith & Egge Mfg. Co. (Kings), Bridgeport, Conn.

Sash Bolts (Ventilating)

Gardner Sash Balance Co., 164 Dearborn, Chicago, Ill.

Sash Cord Mfrs.

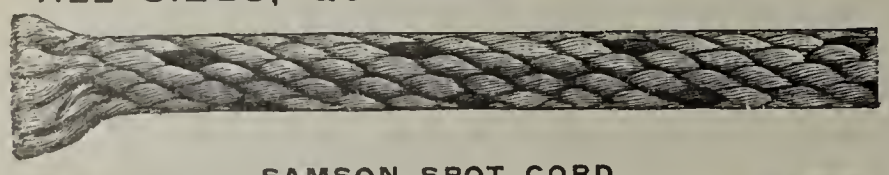
Anniston Cordage Co. (Braided), Anniston, Ala.
Bailey, John T. & Co., c Water & Morris, Phila., Pa.
CARPENTER, GEORGE B. & CO. (Hemp & Braided Cotton), 202 S Water, Chicago, Ill. (See adv. index, end of book)
Charlotte Cordage Co. (Braided), Charlotte, N. C.
Draper, W. H. & Son (Twisted Cotton), Troy, N. Y.
Faber, Thos. & Son, Weston, Mass.
Franklin Cotton Mills, Charles & Plum, Cincinnati, O.
Hoffman-Corr Mfg. Co., 107 Duane, New York
Hooven & Allison Co., Xenia, O.
Jacobs Cordage Co., Harriet & Budd, Cincinnati, O.
Mallison Braided Cord Co., Athens, Ga.
Ossawan Mills Co., Norwich, Conn.
Robbing, O. A. Co. (Braided), Charlotte, N. C.
SAMSON CORDAGE WORKS (Braided, etc.), 115 Congress, Boston, Mass. (See adv. below)
SILVER LAKE CO. (Braided. etc.), 82 Chauncey, Boston, Mass. (See adv. below)
Townsend, Isaac, 1217 Filbert, Phila., Pa.
Travers Bros. Co., 41 Worth, New York
Tucker & Carter Rope Co. (Braided Cotton), 176 Maiden la, New York, & New London, N. C.
Wall, W. F., 56 South, N. Y.
Ware, Bruce R. & Co., 103 Bedford, Boston, Mass.

Sash Cord Mfrs. (Steel Wire)

AMERICAN STEEL & WIRE CO., (Tinnew & Coppered), The Rookery, Chicago; 21 State, New York; Cleveland, O., & San Francisco, Cal. (See adv. index, end of book)

Solid Braided Cord.

ALL SIZES, QUALITIES AND COLOR.



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SILVER LAKE CO., 78 Chauncey St., Boston, Mass.

LESCHEN, A. & SONS ROPE CO. (Tinned & Coppered Steel Wire), 920 N 1st, St. Louis, Mo.; 163 Wash'n, New York; 137 E Lake, Chicago, Ill., & 1717-23 Arapahoe, Denver, Colo. (See adv. index, end of book)
NATIONAL WIRE CORPORATION (Annealed, Bright Tinned or Galvanized), 114 Liberty, New York. (See adv. index, end of book)
Trenton Iron Co., Trenton, N. J., & 17 Burling slip, New York
Tucker & Carter Rope Co., 76 South, New York. Factory, New London, N. C
WRIGHT WIRE CO., Worcester, Mass. (See adv. index, end of book)

Sash (Greenhouse & Hot Bed)

Jacob, S. & Sons, Flushing av, nr Metropolitan av, Brooklyn, N. Y.
Lochland Lumber Co., Lochland, O.
Lord & Burnham Co., Irvington-on-Hudson, N. Y., & 1133 B'way, N. Y.
Selden Cypress Door Co., Palatka, Fla.
Smith, Jos. M. Co., Madison, N. J.
Woodbury Mill & Lumber Co., Woodbury, N. J.

Sash Hangers (Storm)

Schroeder, Anton, 85 Iglehart, St. Paul, Minn.

Sash Lifts

Arcade Mfg. Co., Freeport, Ill.
Brass Goods Mfg., 7 Warren, New York, & Nevin c Union, Brooklyn, N. Y.
Columbian Hardware Company, Coe & Hamilton, Cleveland, O.; 14 Warren, New York, & 86 Michigan, Chicago, Ill.
Corbin, P. & F., New Britain, Conn.; 15 Murray, New York; 925 Market, Philadelphia, Pa., & 104 Lake, Chicago
Creamer, W. G. & Co. 96 John, New York
Gaynor & Mitchell Mfg. Co., Bridgeport, Conn.
Griffin Mfg. Co., Erie, Pa.
Ives, Hobart B. Co., New Haven, Conn.
National Novelty Corporation, 826 B'way, New York
Norwalk Lock Co., South Norwalk, Conn.
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 27 Murray, New York
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.; 96 Reade, N. Y.; Phila., Pa., & Chicago, Ill.
Rochester Automatic Oiler & Supply Co. ("Yawman" Sash, Lift & Ventilator), Rochester, N. Y.
Russell & Erwin Mfg. Co., New Britain, Conn.; 43 Chambers, New York; 19 N 5th, Philadelphia, Pa.; Marquette bldg, Chicago, Ill., & Baltimore, Md.
Shelby Spring Hinge Co., Shelby, O.
STANLEY WORKS (Wrought Steel & Sweet's Reversible, etc.), New Britain, Conn., & 79 Chambers, New York. (See adv. index, end of book)
Stover Mfg. Co., Freport, Ill.
Taylor & Bogis Foundry Co., 521 Seneca, Cleveland, O.
U. S. Steel Lock Co., Clinton, Ia.
Wilcox-Crittenden & Co., Middletown, Conn.
Wrightsville Hdw. Co., Wrightsville, Pa.

*Sash Lifts (Railway Car)

Creamer, W. G. & Co., 96 John, New York

Sash Line

Hoffman-Corr Mfg. Co., 107 Duane, New York
Ives, Hobart B. Co., New Haven, Conn.
SAMSON CORDAGE WORKS, 115 Congress, Boston, Mass. (See adv. opp. page)
SILVER LAKE CO., 78 Chauncy, Boston, Mass. (See adv. opp. page)

Sash Locks

Brohard Co. (Stamped Steel), 1684 N 9th, Phila., Pa.
Caldwell Mfg. Co., 8 Jones, Rochester, N. Y.
Chicago Hardware Co., 132 Lake, Chicago, Ill. Works, North Chicago, Ill.
Comstock Sash Lock & Novelty, Ypsilanti, Mich.
Corbin, P. & F., New Britain, Conn.; 17 Murray, N. Y.; 925 Market, Phila., Pa., & 104 Lake, Chicago, Ill.
Creamer, W. G. & Co. (Railway Car), 96 John, N. Y.
Fitch, W. & E. T. Co., New Haven, Conn.
Gardner Sash Balance Co. (Steel), 166 Dearborn, Chicago, Ill.
Harley Burglar Proof Ventilating Sash Lock Mfg. Co. (Ventilating), 92 La Salle, Chicago
International Lock Co., Blackstone nr Eddy, Providence, R. I.
Ives, Hobart B. Co., New Haven, Conn.
Lockwood Mfg. Co., South Norwalk, Conn.
Memphis Mfg. Co. (Ball Bearing), Memphis, Tenn.
Michigan Mfg. Co. ("The Veer," Sash & Ventilator), Ypsilanti, Mich.
Miller Lock Co. (Automatic Ventilating), 219 N 4th, St. Louis, Mo.
National Lock Washer Co., 65 Johnson, Newark, N. J.
Payson Mfg. Co., 1319 W Jackson boul., Chicago
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 27 Murray, N. Y.
Pennington, A. W. & Son (Ventilating, Burglar Proof), 34 S Water, Cleveland, O
Pullman Mfg. Co., Rochester, N. Y.
Reading Hardware Co., Reading, Pa.; 98 Reade, N. Y.; 617 Market, Phila., Pa., & 105 E Lake, Chicago, Ill.
Rochester Sash Lock Co. (Automatic Steel for R. R. Coaches), Rochester, N. Y.
Russell & Erwin Mfg. Co., New Britain, Conn.; 43 Chambers, New York; 19 N 5th, Phila., Pa.; Marquette bldg., Chicago, Ill., & Baltimore, Md.
Sargent & Co., 151 Leonard, N. Y., & New Haven, Conn.
Simpson Iron Co., West End Buttles av, Columbus, O.
Stover Mfg. Co. (Burglar Proof), 165 River, Freeport, Ill.
Taylor & Boggis Foundry Co., Cleveland, O.

Sash Locks (Ventilating)

(See Locks, Sash, Ventilating, also Lock Manufacturers.)

Sash Operating Device

DROUVE, G. CO., Bridgeport, Conn. (See adv. front colored page)
Lord & Burnham Co., 1133 B'way, N. Y.
Ormsby, E. A., Melrose, Mass.

Sash Pulley Mfrs

Austin & Eddy, 117 Broad, Boston, Mass.
Bolles Revolving Sash Co. (Queen), 102 Chambers, New York
Clark Mfg. Co., 260 Chandler, Buffalo, N. Y.
Coleman Hardware Co., 59 Dearborn, Chicago
Corbin, P. & F., New Britain, Conn.; 17 Murray, N. Y.; 104 Lake, Chicago, Ill., & 925 Market, Phila., Pa.
Enterprise Foundry Co., cor. Nixon & Manhattan, Allegheny, Pa.
FOX MACHINE CO. (Steel), 127 N Front, Grand Rapids, Mich. (See adv. index, end of book)
Gardner Sash Balance Co. (Ball Bearing), 164 Dearborn, Chicago, Ill.
Grand Rapids Sash Pulley Co. (All Steel), Grand Rapids, Mich.
Grant Pulley & Hardware Co. ("Grant" Overhead), 23 Warren, New York
Johnston & Sharp Mfg. Co. ("Ottumwa" Ball Bearing Steel), Ottumwa, Iowa
Kline, D. R. & Co., Allentown, Pa.
Kupferle, Jno. C. (Axle, etc.), St. Louis, Mo.
McDonough & Co., Eau Claire, Wis.
National Novelty Corporation ("L. & S. I. Co."), 826 B'way, New York
Palmer Hardware Mfg. Co., Green Island, P. O., Troy, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 27 Murray, N. Y.
Penn Hardware Co., Reading, Pa.
Pullman Mfg. Co., Rochester, N. Y,
Reading Hdw. Co. (Ball & Roller Bearing), Reading Pa., & 96 Reade, New York
Rick Bros, Reading, Pa.
Russell & Erwin Mfg. Co., New Britain, Conn.; 43 Chambers, New York
Schumacher, Wm., 756 Austin av, Chicago, Ill.
Sloan, Frank B. & Co. (The Norris), Baltimore, Md.
Smith & Egge Mfg. Co., Bridgeport, Conn.
Stover Mfg. Co., Freeport, Ill.
Susquehanna Casting Co., Wrightsville, Pa.
Wrightsville Hdw. Co. ("Niagara," "Star," "Acme," "Gem" & "Empire" for Auger Mortises), Wrightsville, Pa.

Sash Pulley Mortiser

Austin & Eddy 117 Broad, Boston, Mass.
Sloan, Frank B. & Co. (The Norris), Baltimore, Md.

*Sash Ribbon

AMERICAN STEEL & WIRE CO., (Steel & Aluminum Bronze), The Rookery, Chicago; 21 State, New York; Cleveland, O. & San Francisco, Cal. (See adv. index, end of book)
Gardner Sash Balance Co. ("Gardner's" Steel), 164 Dearborn, Chicago, Ill.
Pullman Mfg. Co. (Aluminum Bronze), Rochester, N. Y.

Sash Storm Window Fastener

STANLEY WORKS ("Schroeder" & "Moore's"), New Britain, Conn., & 79 Chambers, New York. (See adv. index, end of book)

Sash Weights

AMERICAN BRAKE SHOE & FOUN-dry Co. (Cast Iron), Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)
Austin & Eddy, 117 Broad, Boston, Mass.
Barber Mfg. Co. (Cast Iron), Ashtabula, O.
BATES, JAS. SONS, Pratt & Presi-dent, Baltimore, Md.
Best Mfg. Co. ("Walda"), 25th & R. R., Pittsburg, Pa.; 39 Cortlandt, New York, & Betz, bldg, Phila., Pa.
Blatchford, E. W. & Co. (Lead), 70 N Clinton, Chicago, Ill.
Brown, E. E. & Co. (Iron), McKeon & Meadow, Phila., Pa.
Burditt & Williams Co., 18 Dock sq, Boston, Mass.
Caldwell, E. R. & Co. (Cast Iron), Bradford, Pa.
Cheney, S. & Son (Cast), Manlius, N. Y.
Detroit Lead Pipe & Sheet Lead Works (Lead), Detroit, Mich.
Gibson & Price Co. (Lead), 375 St. Clair, Cleveland, O.
Gunther, Harry & Bro., Owensboro, Ky. Ill.
Harrell & Eastwood, Ft. Worth, Tex.
Hickok, W. O. Mfg. Co. (Cast Iron), Harrisburg, Pa.
Keagy & Lear Machine Co., Coshocton, O.
King & Andrews Co. (Iron), Chicago Heights, Ill.
Kings County Iron Foundry Co. (Lead, etc.), N 13th & Berry, Brooklyn, N. Y.
Koch & Fox (Lead, etc.), 22d & Glenwood av, Phila., Pa.
Kupferle, Jno. C. (Iron & Lead), St. Louis, Mo.
Lewis, Jno. T. & Bros. Co. (Lead), 231 S Front, Phila., Pa.
Lissberger, Marks & Son (Lead), 397 W 12th, N. Y., & 375 Driggs av, Brooklyn, N. Y.
Mesker, Geo. L. & Co. (Cast Iron), Evansville, Ind.
National Lead Co. (Lead), 100 William, New York
Over, Ewald (Round & Square, Iron & Lead), 426 S Penn, Indianapolis, Ind.
Paxton & Verling Iron Works (Iron), 17th & U. P. Ry, Omaha, Neb.
Racine Malleable & Wrought Iron Co., Racine, Wis.
Raymond Lead Co. (Lead), 51 W Lake, Chicago, Ill.
Robertson, Jas. Mfg. Co. (Lead), Baltimore, Md.

Rochester Lead Works (Lead), 382 Exchange, Rochester, N. Y.
St. Louis Sash & Door Works, Dock & Main, St. Louis, Mo.
Selby Smelting & Lead Co. (Lead), 416 Montgomery, San Francisco, Cal.
Simpson Iron Co. (Cast Iron), West End Buttles av, Columbus, O.
Southern Foundry & Machine Co., Knoxville, Tenn.
Tatham & Bros. (Lead), 84 Beekman, N. Y., & 226 S 5th, Phila., Pa.
Thompson Mfg. Co., Lancaster, N. H.
Western Foundry & Sash Weight Co. (Cast Iron), 159 Miller, St. Louis, Mo.
Williams, E. A. & Son (Lead), 105 Plymouth, Jersey City, N. J.
Windsor Mfg. Co. (Lead), 570 Clinton, Milwaukee, Wis.

Sashes, Doors & Blinds (Mfrs.)

ALABAMA

ANNISTON—Houser, C. J., 431 W 16th
BESSEMER—Krebs Mfg. Co. (Dealers)
BIRMINGHAM—Birmingham Paint & Glass Co. (Dealers), 1916 3d av
Brewer, W. P., 1516 1st av
Halle-Randolph Mfg. Co., 1519 Av E
JENKINS LUMBER CO., c S 24th & Powell av
Moore & Handley Hdw. Co. (Dealers)
Prowell Hardware Co. (Dealers)
Reynolds, M. C. Lumber Co., 29 S 20th
Warrior Mfg. Co.
Wood, Dickerson Lumber Co., 309 N 20th
CULLMAN—Arnold, Casper & Son
Hammer, J. C. F.
DECATUR—Jervis Lumber Co.
ELBA—Perdue & Ham
FLORENCE—Bellamy Planing Mill Co.
GADSDEN—Paden Ewing Hardware Co. (Dealers)
Smith, Echols-Burnett Hdw. Co.
Southern Mfg. Co.
GREENVILLE—Johnson, J. F. Hdw. Co. (Wholesale & Retail Dealers)
HUNTSVILLE—Plummer, G. A.
MOBILE—Barney Cavanagh Hdw. Co. (Dealers)
Bay Shore Lumber Co.
BUILDERS' SUPPLY CO. (Dealers)
Cunningham Hdw. Co. (Dealers)
Partridge, C. S. Hdw. Co. (Dealers)
Price, H. M. & Co. (Dealer)
Turner, F. C. & Co. (Mfrs.)
Williams Hdw. Co. (Dealers)
MONTGOMERY—Bogacki, C. Y. (Dealer)
Kennedy Co. (Dealers)
Montgomery Lumber & Mfg. Co. (Wholesale Mfrs.)
Vesuvius Lumber Co. (Dealers)
ROANOKE—Griffin & Satterwhite (Dealers)
SELMA—Ballard Mfg. Co.
Parke & Stevens (Mfrs.)
Schuster, Benj. J. (Dealer)
TALLADEGA—Talladega Hardware Co.
TUSCALOOSA—Allen & Jamison Co.
Harder Planing Mill & Lumber Co.

ARIZONA

PHOENIX—**RYDER, H. W.**
PRESCOTT—Clark & Adams
TUCSON—Tucson Lumber Co.

ARKANSAS.

BRINKLEY—Brinkley Car Works & Mfg. Co.
DARDANELLE—Cox, Thomas Mfg. Co.
Jackson, W. A.
EUREKA SPRINGS—Lloyd, W. J. (Dealer)
FORT SMITH—Kenny Bros. (Wholesale Mfrs.)
Tenney, J. M. & Co. (Dealers)
HELENA—Carvill, Herman & Co.
LITTLE ROCK—Abeles, C. T. & Co., 215 Main
CENTRAL LUMBER CO., 303 W 6th
MAGNOLIA—Davis & Warnock (Dealers)
Couch Hdw. Co. (Dealers)
MARIANNA—L'Anguille Lumber Co.
MORRILTON—Dowdie, R. A. &Co.
NASHVILLE—Skillern, Alex. L. (Dealer)
PINE BLUFF—**BLUFF CITY LUMBER CO.**
TEXARKANA—Chatfield & Buhrman Hardware Co.

CALIFORNIA.

BISHOP—Allen, S. S. (Dealer)
CLOVERDALE—Green, B. F. & Son
EUREKA—Burgess, C. W. (Mfrs.)
Humboldt Door & Sash Co. (Mfrs.)
FRESNO—Madary, M. R.
HOBART MILLS—Sierra Nevada Wood & Lumber Co. (Wholesale Mfrs.)
LIVERMORE—Anspacher Bros. (Dealers)
HORTON & KENNEDY
LOS ANGELES—Alta Planing Mill Co. (Mfrs.)
Bourne & Hamilton (Mfrs.)
California Door Co., 300 E 2d
California Planing Mill Co. (Mfrs.)
Carpenter & Biles Mill & Lbr Co., 116 E 33d
Fuller, W. P. & Co., 140 N Los Angeles
Ganahl, F. J. Lbr Co.
Hughes Bros. (Inc.)
Kerchoff-Cuzner Mill & Lumber Co. (Mfrs.)
Los Angeles Sash & Door Co., 234 Aliso
Raphall, H. Co., 509 S Main
Santa Fe Planing Mill Co., 910 E 3d
Western Commercial Co., 209 N Los Angeles
MARYSVILLE—Swain & Hudson Co.
MENDOCINO—Brown, Eugene (Dealer)
MONTEREY—**MONTEREY MILL & LUMBER CO.** (Dealers)
NAPA—**CORLETT BROS.**
NEVADA CITY—Marsh, M. L. & D.
OAKLAND—Burnham-Standeford Co. (Mfrs.), Wash'n c 1st
California Door Co., c 16th & Wood
Excelsior Redwood Co., 673 B'way
Mann & Mole (Mfrs.), 3d c Wash'n
Pacific Coast Lumber & Mill Co., 2d c Grove
Pacific Mfg. Co. (Mfrs.), 478 10th
Young, R. S. Supply Co. (Dealers), Wash'n c 4th
OROVILLE—Perkins & Wise Co.
PASADENA—Blinn, L. W. Lumber Co.
Kerckhoff-Cuzner Mill & Lumber Co.
Pasadena Mfg. Co.
PETALUMA—Cavanaugh, Mrs. D.
PLACERVILLE—Beach, S. G. & Co.
Blair, J. & J.
RED BLUFF—Sierra Lumber Co. (Wholesale Mfrs.)
SACRAMENTO—Burnett & Sons
Frazer, E. F.
Friend & Terry Lumber Co.
Fuller, W. P. & Co.
Suter-Hevener Mill & Mfg. Co.
SAN DIEGO—Fuller, W. P. & Co.
Graham, M. A. Mill Co.
RUSS LUMBER & MILL CO.
San Diego Lumber Co. (Dealers)
West Coast Lumber Co. (Dealers)
SAN FRANCISCO—Burgess, C. W., 118 14th
California Door Co., 18 Drumm
California Mill Co., 134 Spear
Dean Reversible Window Co., 553 Brannan
Doe, B. & C. F., 48 Market
Hammond Lumber Co., Hayward bldg
Hansen, A. S., Berry, bet. 5th & 6th
Hansen, M. & Co., 231 King
Huber, Frank, 561 Brannan
Humboldt Door & Sash Co., Hayward bldg
McCall's Sliding Hinge Window Co., 215 Golden Gate av
Mechanics' Mill, 713 Bryant
Moore, Robt. B., 541 Brannan
San Francisco Planing Mills, 528 5th
Scott & Van Arsdale Lumber Co., c 5th & Brannan
Sierra Lumber Co., 320 Sansome
Wilkie, Andrew, 713 Bryant
Wilson & Bro., 22 Drumm
SAN JOSE—Chase, S. H. Lumber Co.
Hardwood Planing Mill
Hubbard & Carmichael Bros.
Santa Clara Valley Mill & Lumber Co. (Wholesale Mfrs.)
SANTA ANNA—Griffith, J. M. Co. (Dealers)
Pendleton, S. H. Lumber & Mill Co. (Dealers)
SANTA BARBARA—**UNION MILL CO. (and Dealer)**
SANTA CLARA—**PACIFIC MFG. CO.** (Wholesale Mfrs.)
SANTA MARIA—Bryant & Trott Co.
SANTA ROSA—**BERKA, FRANK** (Dealer)
SHINGLETOWN—Reynolds, L. C.
STOCKTON—Simpson & Gray
Stockton Lumber Co.
Thomas & Buell
Union Planing Mill Co.
SUSANVILLE—Oakes, Thos.

COLORADO.

ALMA—**STANLEY, W. P.**
COLORADO SPRINGS—Walsh, Daniel W.
DELTA—Stockham & Hillman Co.
DENVER—Bingham, H. W. & Co., Larimer, bet 2d & 3d
Chicago Lumber & Timber Co., 15th & Bassett
English, R. W. Lumber Co., 51 Jacobson bldg
Hallack Lumber Supply Co., 3901 Gilpin
Hallack & Howard Lumber Co., Larimer & 7th
Lewis & Wheeler Mercantile Co., 1525 18th
McPhee & McGinnity, 18th & Wazee
Sayre-Newton Lumber Co. (Mfrs.), 23d & Blake
FORT COLLINS—**CORBIN - BLACK & WILSON LUMBER CO.** (Dealer)
GILLETT—Western Hdw. & Supply Co. (dealers)
GLENWOOD SPRINGS—Dougan, Wm., Edwards, ne. N.
LEADVILLE—Smith, S. L. Lbr Co., 910 N Hunlock
Williams Lumber Co., 6th & Hemlock
PUEBLO—Foley, T. H. Lbr. Co. (dealers), Pine cor. Arroya av
Hughes Bros. (dealers), 2d, c. Court
Newton Lumber Co. (Dealers), 4th c Court
Pueblo Lumber & Mfg. Co., D, c. Mechanic
TRINIDAD—Davis, O. L. Lbr Co. (Dealer)
Hughes Bros. Lumber Co. (dealers)

CONNECTICUT.

ANSONIA—Ansonia Lumber Co. (Dealers)
BRIDGEPORT—Burritt, A. W. Co., Knowlton & Arctic
Fenn & Morehouse Co., 39 William
Miller, Frank Lumber Co. (Mfrs.), 156 E Wash av
Tomlinson, J. L. Lumber Co. (Dealers), 89 Knowlton
BRISTOL—**FOGG, W. E.**
Judd, D. B. & Co. (Dealers)
Saxton & Strong (Dealers)
CHESTER—Bogart, Geo. A.
DANBURY—Armstrong, I. & Co., 42 River
Foster Bros., 21 Delay (Mfrs.)
Olmstead, F. C. (19 Crosby)
DERBY—Carter & Hubbell Co. (Dealers)
GREENWICH—Crosby, J. P.
HARTFORD—Andrews & Peck Co. (Mfrs.), 88 Market
Booth, C. E., 36 Wells
French, H. A. (Mfrs), 75 Arch
Nims, Whitney & Co., 1170 Main
MERIDEN—George, W. H. H. (Dealers' Agt.), 16 Stone
Lyon & Billard Co. (Dealers), 13 S Colony
Meriden Lumber Co., 174 State
Morehouse Bros. Co., 129 State
MIDDLETOWN—**DAVIS, L. O. & E. S.** (Dealers)
NEW BRITAIN—Rackliffe Bros. Co. (Dealers)
ROGERS, D. M. & CO. (Dealers)
NEW HAVEN—Clark, David H., 166 Brewery
Curtis, C. B. (Mfr.), 118 Winchester av
Elm City Lumber Co. (Dealers), 136 Water
Morgan & Humiston (Dealers), 30 Prout
Norton Bros. & White Co., 85 Water
Sperry & Amos Co. (Dealers), 93 Water
NEW LONDON—Bishop Lbr & Coal Co.
NEW MILFORD—**BEACH, C. M.** (Dealers)
Soule, T. Co. (Dealers)
N. STONINGTON—Vincent, Chas. W.
NORWICH—Chappell, Edw. Co. (Dealers)
CROWELL, FRED C. (Dealer), 91 Water
PLAINVILLE—**PIERCE, E. N. & CO.** Dealers)
PORTLAND—Strong & Hale
PUTNAM—Fox, J. O. & Co. (Dealers)
Kent, C. M. & E. B.
WHEATON BUILDING & LUMBER CO.
ROCKVILLE—**GRANT, FRANK (Dealer)**
SOUTHINGTON—**SOUTHINGTON LUMBER & FEED CO.** (Dealers)
STAMFORD—St. John Wood Working Co.
TORRINGTON—Bronson Lbr. & Coal Co. (Dealers)
Hotchkiss Bros. Co. (Mfrs.)
WALLINGFORD—**TODD, H. B. & SON CO.**

WATERBURY—Brass City Lumber Co., 60 Meadow
City Lumber & Coal Co., 54 Center
Smith, J. E. & Co., 49 Benedict
Waterbury Lumber & Coal Co., 107 Meadow
WILLIMANTIC—Boss, Chas. L.
Hillhouse & Taylor (Dealers)
WINSTED—BRONSON BROS. (Dealers)
Burwell, J. C. (Dealers)

DELAWARE.

DOVER—Harnett, J. A. & Bro.
Pennewill, C. S.
GEORGETOWN—THOROUGHGOOD, WM. J.
MIDDLETOWN—HUKILL, G. E. (Dealer)
SEAFORD—Wallace, L E.
WILMINGTON—Dillon, P. J., 203 Madison
Evans, Hy.
Simmons, S. G. & Bro., Tatnall & Front
Wilmington Sash, Door & Blind Co., 1319 W 4th

DISTRICT OF COLUMBIA.

WASHINGTON—Barber & Ross (Dealers), 614 11th, N W
Barker, Geo. M., 649 N. Y. av, N W
Borgmann, H. Mfg. Co., S Capitol & O, S E
Libbey, J. Edward & Sons (Mfrs.), 3018 K, N W
Maddox & Hayden (Mfrs.), 2922 K, N W
Runyan, I. N. c 13th & C, N W
Smith, T. W., 1st & Ind. av, N W
Uhler & Co., 7th & K, S W
Washington Woodworking Co., 12th c B, N W
Weigand, M., 451 Md. av, S W

FLORIDA.

APALACHICOLA—**CYPRESS LBR. CO.** (Wholesale Mfrs. of Cypress)
Marshall, John & Co.
BAGDAD—Bagdad Sash Factory Co. (Mfrs.)
DAYTONIA—Dillingham, E.
FERNANDINA—**HOYT, FRED W. & CO.** (Dealers)
JACKSONVILLE—Enterprise Planing Mill Co.
Florida Hardware Co., 10 W Bay (Dealers)
KEY WEST—Johnson, J. W. (Dealers)
Johnson, W. A. & Bro. (Dealers)
OCALA — **HUBBARD & MACDUFF** (Dealers)
PALATKA—**SELDEN CYPRESS DOOR** CO. (Wholesale Mfrs.)
PENSACOLA—Bagdad Sash Factory Co.
De Silva, H. G. & Co.
ST. AUGUSTINE—Hamblen, C. F. (Dealer)
SANFORD—Fernald, Geo. H. Hardware Co. (Dealers)
HILL, W. J. (Dealer)
TALLAHASSEE—Gilmore & Davis (Dealers)
Yeager, A. E. (Dealer)
TAMPA—Knight & Wall Co. (Dealers)
Morse & Walker

GEORGIA.

ALBANY—Cruger & Pace (Mfrs.)
AMERICUS—Americus Construction Co. (Mfrs.)
Sheffield-Huntington Co. (Dealers)
ATHENS—Athens Hdw. Co. (Dealers)
Fleming, T. & Sons (Dealers)
ATLANTA—Concord-Williams Lumber Co.
Smith & Simpson Lumber Co., 391 Peters
West Lumber Co., 236 Peters
Williams, G. O., 257 Marietta
Willingham, E. G. & Co.
Woodward Lumber Co.
AUGUSTA—Augusta Lumber Co.
Perkins Mfg. Co., 516 Calhoun
BRUNSWICK—Colson Hdw. Co. (Dealers)
Lang & Wood, (Mfrs.)
CARROLLTON—New, D. F. & Bro.
COLUMBUS— Columbus Iron Works Co.
Dudley-Butts Sash, Door & Lumber Co. (Wholesale Mfrs.)
Harvey, W. T. & Co., 1st av & 12th
Wood, T. W. Co., 902 9th av (Dealers)
CORDELE—**CORDELE SASH, DOOR &** Lumber Co.
DALTON—Cherokee Mfg. Co.
Farrar Lbr. Co.
DEMOREST—Adams, J. S.
FITZGERALD—Small, J. D.
GAINESVILLE—Queen City Planing Mill Co.
GRIFFIN—Gresham Planing Mill Co.
Griffin Sash & Door Co.
HARLEM—Hatcher, J. F.
LA GRANGE—Pike Bros. Lumber Co.
MACON—Burke, T. C., 358 3d
Wilders', R. C. Sons Co., 614 3d
Willingham Sash & Door Co., 457 3d
MARIETTA—Henderson, C. E.
NEWNAN—Cole, R. D. Mfg. Co.
ROME—O'NEIL MFG. CO.
Patton Sash, Door & Bldg. Co.
SAVANNAH—Adams Paint Co. (Dealers)
Bacon, A. S. & Sons (Mfrs.)
Butler, John G. (Dealer), 20 Congress
Hanley, Andrew Co. (Dealers)
Neal-Millard Co. (Dealers), 112 W Bay
Southern Pine Co. (of Georgia)
STAUNTON—Harrell, Simeon
THOMASVILLE—Watt Supply Co.
VALDOSTA—Ashley-Paine Mfg. Co.
Valdosta Sash & Door Co. (Mfrs.)
WASHINGTON—Washington Mfg. Co.
WINDER—Boyd, W. E. & Co. (Dealers)

IDAHO.

BOISE CITY—Gorecsky, A.
Ridenbough, W. H. (Dealer)
Shaw Lumber Co.
Shriver, C. E.
Superior Sash & Door Co.
EMMETT—Pugh, H. A. & Co.

ILLINOIS.

ALTAMONT—Johannes & Reis (Dealers)
ALTON—Ginter-Wardien Lumber Co.
Winter, H. L.
ANNA—Anna Lbr. & Mfg. Co.
AURORA—Hill, L. O. (Mfrs.)
Johns & Brown Co. (Mfrs.)
Spear, Warren & Son
BATAVIA—Hunter-Griffith Co. (Dealers)
BEARDSTOWN—Rhineberger, W. H.
BELLEVILLE—Blomenkamps & Co.
Reis, J. B. Lumber Co.
Reis, M. & H.
Storck, Geo. P.
BLOOMINGTON—Darlington, E. R. Lumber Co. (Dealers)
Evans, John W. Sons Co.
Fordice, J. M.
Harwood, W. S. & Bro.
Metcalf, E. J. (Mfr.)
Minter Mfg. Co. (Mfrs.)
Parker Bros. (Dealers)
White, S. R. Mfg. Co. (Mfrs.)
BLUE ISLAND—Schmitt Bros.
CAIRO—Carey, Halliday Lumber Co.
Lancaster & Rice Lumber & Mfg. Co., Commercial av
Langan, P. T., 1006 Commercial av
Sands-Spencer Lbr. Co.
CANTON—Tennis, Silas
CARMI—**WILLIS, G. A. (Dealer)**
CARTHAGE—**LYON, W. E. & CO.**
CHAMPAIGN—Oliger, Frank
Petty, G. R. & Co.
Welshly, E. R.
CHATHAM—Moore, Chas.
CHICAGO—Abbott, F. I., 405 5th av
Anderson & Lind, 177 Iowa
Avondale Sash & Door Co., 738 W Belmont av
Benedict, John S., 135 N Halsted
Biggs, A. & Co., 1140 Elston av
Bredsvoid & Smith, 1451 Southport av
Bristol Mfg. & Construction Co., Wentworth av, cor 20th
Builders' Mfg. Co., 243 N Wells
Bursik & Krupka Co., W 21st & Loomis
California Mfg. Co., 976 S Troy
Carlson, E. W. & Co., 2106 N Clark
Chandler Lumber Co., 100 Elston av
Chicago Sash, Door & Blind Mfg. Co., 48 W North av
Chicago Veneered Door Co., 316 Chamber of Commerce bldg
Clayton, Mrs. Emily, 1127 Armitage av
Commercial Sash & Door Co., W 49th & S Paulina
Compound Door Co., 189 La Salle
Cottage Grove Mfg. Co., 101 38th
Curtis, Cornelius W., W 22d & S Centre av
Curtis, Edgar G., 113 Michigan
Davis, E. J. Mfg. Co., 259 W 21st
Dencer, Mathias Co., 24th & Butler
Dietsch, A. & Co., 619 Sheffield av
Dlouhy, Vincent Sash & Door Co., 701 Laflin
Dodge, H. B. & Co., 108 Lasalle
Ehrhart, Louis & Son, 334 W Fullerton av
Englewood Sash & Door Co., 5947 Lowe av
Filip, Meydrech & Co., 505 W 21st
Foley Mfg. Co., 471 W 22d
Foster-Munger Co. (Wholesale), W 20th & S Sangamon
Freese, F. E., 1232 Armitage av
Gauger, John A. & Co. (Wholesale Mfrs.), W. 22d & Laflin
Gisselbrecht & Sator, 992 N Mozart
Haring, Louie C., 1138 Clybourn av
Harty Bros. & Harty Co., 442 W 21st
Hegener, Rudolph Co., 9232 Harbor av
Hess, Frank & Sons, 1264 N California av
Hillock, John, 2601 Hillock av
Howell, Thos. S., 189 La Salle
Johnson, John L., 460 Wellington
Katz & Hamann Co., 5951 S Halsted
Kelly Bros., 5336 Armour av
King, Pat'k J., 125 N May
Kraetzer, Fischer & Co., 95th & S Chicago av
Krause, Fred'k F., 969 Tripp av
Lechliter, Peter, 909 W Madison
Leitzow & Simon Mfg. Co., 505 W Kinzie
Lockwood & Strickland Co., 49th & Halsted
McCall & Blanchard, 1045 W Van Buren
McEwen Building & Mfg. Co., 245 N Wells
Mears, Chas. H. & Co., 1113 Belmont av
Melrose Mill Co., 1130 Clybourn av
Morgan Sash & Door Co. (Wholesale Mfrs.), S Union cor W 22d
Morris, Wm. & Sons, 563 35th
Nollau & Wolff Mfg. Co. (Mfrs.), 45 Fullerton av
North Ave. Mfg. Co., 53 E North av
North Side Lumber & Timber Co., Lincoln av c Grace
North Side Sash & Door Co., 1451 Southport av
Paepcke-Leicht Lumber Co., Tribune bldg
Paine Lumber Co., 138 Wash'n
Palmer, Fuller & Co. (Wholesale Mfrs.), Lumber nr 22d
Peters, H. G., 740 W 15th
Peterson, C. E. Co., 4914 Wentworth av
Purmort, Henry C., Throop & W 22d
Radford Sash & Door Co., 190 W 22d
Rinehart, J. R. Co., 668 W Madison
Ringwald, Frank A., 652 Blue Island av
Rinn, Philip Co., Division & Crosby
Roberts, E. L. & Co., W 22d c Union pl
Roseland Mill & Lumber Co., W 111th, n w c C. & E. I. R. R.
Russell, Perley A., 1131 School
Schaller, Henry, N Branch & Cherry av
Schaller-Hoerr Co. (Storm Sash & Doors, etc.), 418 Blue Island av
Schroth & Ahrens, 635 S Halsted
South Side Lumber Co. (Wholesale), 22d & Ashland av
Spoor, Chas. H., 1140 Elston av
Standard Sash & Door Co., 5821 S Center av
Stewart, Alex., 316 Chamber of Commerce
Storgaard, Anders, 927 N Western av
Struthers, A. J. & Co., 1616 Grand av
Tabor Revolving Sash Co., 167 Dearborn
Treftz Bros., 542 33d
True & True Co., Blue Island av, s w c Lincoln
Ullrich, August G., 3864 Archer av
Union Interior Finish Co., Lasalle nr W 53d
Unity Millwork Co., 79 Dearborn
Von Platen & Dick, 843 W Kenzie
Waterstraat, Charles H., 1741 N Western av
Waterstraat & Co., 61 Austin av
Weidenaar, H. & Co., 6643 Union av
Western Mfg. Co., 77 E Jackson boul
Wilson, Jas. G. Mfg. Co., 108 Lasalle
Wright, Chas. O., 1855 N Calif av
CLINTON—Killough, John (Dealer)
DANVILLE—Holden, N. E.
Watson, Geo. H.
DECATUR—Decatur Lumber & Mfg. Co.
Huff, W. J. & Co.
Lyon, Geo. S. & Sons Lumber & Mfg. Co.
Mills Lumber Co.
DE KALB—Schermerhorn, L. C. & Co.
Wiltberger, J. S.
DIXON—Deeter, John A.
Fletcher Mfg. Co.
DUNDEE—Rossow, Fred (Mfr.)
DUQUION—Eade, J. C.
E. MOLINE—Siefken, Henry (Mfr.)
E. ST. LOUIS—Eade, J. C. Planing Mill Co. Mfrs.), 1800 Fisk av
Gedney Construction Co.

Goedde, B. & Co. (Mfrs.)
Harvey Bros. Construction Co.
Miller, Chas. J.
Wiegreffe, Theo. & Sons
EDWARDSVILLE—Hotz, George & Son
EFFINGHAM—Wildi-Leddy Lumber Co.
ELGIN—Rinehimer Bros. Mfg. Co.
Stryker & Kirkpatrick
EVANSTON—Pearson Lumber Co.
FREEPORT—Bamberger, Elias
FULTON—McNamara, John
GALENA— **HOSKINS, WM. & CO.**
Taylor, D. A.
GALESBURG—Terry & Lewis (Dealers)
GRANITE—Granite City Planing Mill Co.
HARVARD—Lake & Harris (Dealers)
HIGHLAND—Marti, Sebastian (Dealer)
Suppiger, F. B. (Dealer)
JACKSONVILLE—Andrews, B. P. & Sons
South Side Planing Mill Co.
JERSEYVILLE—Christy, John (Dealers)
Cockerell, E. Lumber Co. (Dealers)
Jacobs & Robb (Dealers)
JOLIET—Alexander, M., 105 S Desplaines
Builders' Supply Co., 116 S Joliet
Hacker, C. Co., 100 Collins
Joliet Sash & Door Co.
Trubey, M. & Son
KANKAKEE—Paulissen, John G.
Troup, H. H. & Co.
KEWAUNEE—Scott, John
KNOXVILLE—Beamer & Lacy (Dealers)
LA GRANGE—Lord, P. A. Lumber Co.
LA SALLE—Hunter-Stevens & Co. (Dealers)
LEMONT—Derby, S. L. Lbr. Co.
Helbig, A. J. (Dealers)
LINCOLN—Hungerford, William (Mfr.)
Spellman & Spitley (Dealers)
MATTISON—Wehren, John P. (Dealer)
MATTOON—Andrews Bros.
Moore-Gabbert Co. (Dealers)
MENDOTA—Dudgeon Bros. (Dealers)
METROPOLIS CITY—Gibbons, A. J. (Dealers)
Smith, W. N. Lumber Co. (Dealers)
MINOOKA—Knapp, A. K.
MOLINE—Dimock, Gould & Co.
Mueller Lumber Co. (Dealers)
MONMOUTH—McCullough Lumber & Coal Co.
Monmouth Lbr. Co. (Dealers) (Dealers)
MT. CARMEL—Reinhard & Sturman
MT. VERNON—Walker, Johnson & Co. (Dealers)
NAPERVILLE—Schwartz, M. & Co.
NEWMAN—Thomas ,Reuben
NORMAL—Stillhamer, H. W. & Co.
N. AURORA—Hartsburg & Hawksley Co.
OAKPARK—Bedard & Morency Mill Co.
OTTAWA—Sanders Bros. Mfg. Co.
Stewart, Wm. K.
PARIS—Propst Lumber Co. (Dealers)
PEKIN—Conklin, Reuling & Co.
PEORIA—Allen, Jas. V., 1612 S Wash'n
Bush Bros. Mfg. Co., 1717 S Washington
Carr & Adams Co., 916 S Wash'n
Cutright & Russell, 1000 S Wash'n
Garside Mfg. Co., S Wash'n, c Oak
Knetzger, Chas. Lumber Co., 825 S Wash'n
Mackemer, J. W. & Co., 2600 N Adams
Rogers, Jas. T. & Co., 810 S Washington
Rothan, Geo. J., Johnson c Webster
Todhunter & Alfs, 208 Walnut
Wahlfeld Mfg. Co., 1101 S Wash'n
PERU—Maze, W. H. & Co.
Zimmerman, C. & Co.
PONTIAC—Smith, F. N. (Dealer)
Van Doren, G. L. & Co. (Dealers)
QUINCY—Menke & Grimm Planing Mill Co. (Mfrs.)
Meyer, Albricht & Co., Ohio & 8th
Mulliner Box & Planing Co. (Mfrs.), 2d & B'way
RED BUD—Boedeker, C. H.
ROCKFORD—Crumb, R. W. Lumber & Fuel
Derwent, T. J. Co. (Mfrs.) Co. (Dealers)
Dobson Mfg. Co.
Rockford Lumber & Fuel Co. (Dealers)
Safford, G. N. & Co. (Dealers)
ROCK ISLAND—Rock Island Sash & Door
Rock Island Wood Works Works
VOLK, JNO. & CO.
SPRINGFIELD—Baker & Baker (Dealers)
McGrue, Harry O.
Power, Chas. A.
Schuck, J. H. & Son (Dealers)
Vredenburgh, Peter Lumber Co.
STERLING—Dillon, Moses Co.
Peck, John
STREATOR—Ames, John C. Lumber Co. (Dealers)
Schmid, Geo. A. (Mfr.)
Streator Lbr. Co. (Dealers)
URBANA—Besore, C. A.
Huff, S. E. & Co. (Dealers) R R
UTICA—Wilson, Jas. E.
WAUKEGAN—Dow, W. H. (Mfr.)
Gourley, John & Co. (Dealers)
Kirk, Geo. & Son (Dealers)
WEST CHICAGO—Brandt, Haase & Walsh (Mfrs.)

INDIANA.

ALBION—Eagles & Son
ANDERSON—Atherton, M. & Sons, N Meridina st
Springer, G. E., N Main st
BATESVILLE—Meyer, J. & Bro.
BEDFORD—Bedford Building Supply Co. (Dealers)
Johnson, J. J.
BERNE—Baumgartner Bros. & Co. (Dealers)
Gilliom Lbr Co.
Schug Bros. (Dealers)
BLOOMINGTON—Allen Hdw. Co.
Davis Hdw. Co.
Fulwider, W. A.
BLUFFTON—Cline, A. B. & Co. (Dealers)
BOONVILLE—White, C. P. Lbr. Co. (Dealers)
BRAZIL—Halstead, J. N.
Reed & Sons
Wilder, C. E. & Co.
BREMEN—Steineck, J. H. (Dealer)
BROOKVILLE—Dietz, Jos.
Fieber & Holmes (Dealers)
Fries & Geis (Dealers)
Samoniel, C. (Dealers)
CARLISLE—Risinger & Ellis (Dealers)
CICERO—*Cicero Lumber Co. (Mfrs.)
CLAY CITY—Guirl, W. H. & Co. (Dealers)
Middlemas, D. C. Sons (Dealer)
COLUMBUS—Dunlap & Co.
Hege & Co.
Schwartzkopf, J. G. & Son (Dealers)
CONNERSVILLE—Enos, E. A. & Co. (Dealers)
Stoops, Thos. H.
CORYDON—Bullitt, J. J. & Son (Dealers)
Hurst, B. F. (Dealer)
COVINGTON—Clark, M. H.
Townsley, J. L. (Dealer)
Williams, Geo. W. (Mfr.)
CRAWFORDSVILLE—Rumble, Geo. & Bro.
DECATUR—Kirsch, Peter
ELKHART—Newman Bros. (Dealers)
ELWOOD—McKinzie & Co.
Winters Lbr. Co. (Dealers)
EVANSVILLE—Cottage Bldg Co. (Mfrs.), 301 L Water
Espenlaub & Johann (Mfrs.), 1401 E Delaware
McCorkle, John S. (Mfrs.), 500 U 8th
Mechanics' Planing Mill Co. (Mfrs.), 1716 Main
Rechtin, Theo. E. (Dealer), 27 L 7th
Schnute-Holtmann Co. (Mfrs.), 1401 E Illinois
Schultze, Waltman & Co. (Dealers), 321 9th av
FAIRMOUNT—Mercer, Brannum & Bevington Co. (Dealers)
Swain, J. L. Co. (Dealers)
FT. WAYNE—Diether Lbr. Co., bet City Mills & Gas Wks., on E Superior
Ft. Wayne Lumber Co.
Gilmartin, Edw., Hohman n Clinton
Rhinesmith & Simonson, Lafayette & Wabash R. R.
Schlatter, C. C. & Co., 40 E Columbia
FRANKFORT—Deming & Thompson Lbr. Co.
Kramer Bros. Co. (Dealers)
GARRETT—Allman, N. R.
Garrett Lumber Co. (Dealers)
GOSHEN—Goshen Sash & Door Co.
GREENCASTLE—Bicknell Hardware Co. (Dealers)
Cook, John (Dealer)
Owl Mercantile Co.
HAMMOND—Paxton Lumber Co. (Dealers)
HARLAN—Bickhart Bros.
HUNTINGBURG—Huntingburg Planng Mill
Strattmann, Adam Co.
HUNTINGTON—Hewitt, E. G. (Dealer)
Nave & Provines (Dealers)
Reichenbach & Wickenheiser (Dealers)
INDIANAPOLIS—Anson-Hixon Sash & Door Co., 125 E Norwood
Balke & Krauss Co. (Mfrs.), Missouri & Market
Buddenbaum Lumber Co. (Dealers), N. Y. & Pine
Capitol Lumber Co. (Dealers), 849 Massachusetts av
Carter, Lee & Co. (Dealers), 1621 W Wash'n
Dalton Lumber Co., 30 S Noble
Eaglesfield, Wm. Co., 19th cor L E & W
Foster Lumber Co. (Mfrs.), St. Clair & N Senate av
Gould Sash & Door Co., 220 W Merrill
Greer-Wilkinson Lumber Co., 931 E Michigan
Home Lumber Co., 912 E Michigan
Indianapolis Mfrs.' & Carpenters' Union (Mfrs.), 201 S N. J.
Maas-Neimeyer Lumber Co., E 22d & Monon Ry.
Michigan Lumber Co., 929 E St. Clair
West Side Planing Mill Co. (Mfrs.), 1712 W New York
JEFFERSONVILLE—Lindley, T. J. (Dealer)
KOKOMO—**ARMSTRONG, LANDON CO.**
Blanchard, Carlisle Co. (Mfrs.)
Moore, S. C. & Son (Mfrs.)
LADOGA—Huntington & Son
LAFAYETTE—Lafayette Lumber & Mfg. Co.
TAYLOR, HENRY LUMBER CO.
LA PORTE—La Porte Sash & Door Co. (Mfrs.)
LOGANSPORT—Johnson, M. L. (Dealer)
PARKER & JOHNSTON
Stevens & Bro. (Mfrs.)
Thompson Lumber Co. (Dealers)
Voorhees, Philip (Dealer)
MADISON—Madison Planing Mill & Lbr. Co.
MARION—Barley & Spencer Lbr. Co. (Dealers)
Campbell, Jas.
Hogin, McKinney & Co. (Dealers)
HUMPHREYS LUMBER CO. (Dealers)
Marion Hardware Co.
Marion Planing Mill Co. (Mfrs.)
Price & Co.
MICHIGAN CITY—Michigan City Sash & Door Co.
MISHAWAKA—Lang, O. E. & Co.
MUNCIE—Franklin Lumber Co. (Mfrs.)
Greely Lumber Co. (Dealers)
Greer-Wilkinson Lumber Co. (Dealers)
Klus & Grouleff Lumber Co. (Dealers)
Kirby Lumber Co. (Dealers)
Nelson & Miller (Mfrs.)
Zook, T. L. & Son
NEW ALBANY—Helfrich, Geo., Sr.
Lewis & Creed (Dealers)
Loughmiller, William A. (Dealer)
STOY, PETER R. & SON (Dealers)
NEW HARMONY—Duclos Co.
NEW PALESTINE—Madison, Jas.
NORTH MANCHESTER—North Manchester Lumber Co. (Dealers)
NORTH VERNON—**MILLER BROS.**
PRINCETON—Ford, A. S.
RICHMOND—Louck & Hill Co.
ROCKVILLE—Dooley & Dooley (Dealers)
FERGUSON & CO. (Dealers)
Fickel & Graham (Dealers)
SEYMOUR—Union Hardware Co. (Dealers)
SHELBYVILLE—Parrish, J. O.
SOUTH BEND—Deming-Winnie Lumber Co.
Dresden & Stanfield (Dealers) (Dealers)
Eckler, Henry Mfg. Co.
Indiana Lumber & Mfg. Co.
TELL CITY—**TELL CITY PLANING MILL CO.**
TERRE HAUTE—Briggs Lbr. Co. (Dealers)
CENTRAL MFG. CO.
Hooten, R. A. & Co.
Kintz, N. C.
Pierson & Bro. (Dealers)
Rankin, Morton C. Lumber Co. (Dealers)
Reese-Snider Lumber Co.
UPLAND—Deeren, T. J.
VALPARAISO—Bell, E. A.
VINCENNES—**BOSWORTH, M. A. (Dealer)**
McIlvane, H. R. (Dealer)
WABASH—King, McNamee & Hipskind (Dealers)
WASHINGTON—Cosby, O. M.
McKernan, Hugh

IOWA.

ALBIA—Hobson Bros. (Dealers)
BELLE PLAINE—Henry, F. H. (Dealer)
BELLEVUE—Bittner, Louis (Dealer)
DORCHESTER & HUGHEY (Dealers)
BURLINGTON—Gilbert, Hedge & Co.
NAIRN, GILLIES CO.
Winter, E. D. & Co.
CALMER—Calmer Mfg. Co.
CARROLL—Joyce, W. T. Co.
CEDAR FALLS—Cedar Falls Lumber Co. (Dealers)
Weisbard, F. & Sons
CEDAR RAPIDS—Cedar Rapids Woodworking Co.
Hawkeye Lumber & Coal Co.
Limback & Jeffrey
Williams & Hunting Co.
CHARLES CITY—Smith, George P. Co.

CLINTON—**CURTIS BROS. & CO.** (Wholesale Mfrs.)
CORNING—Newcomb, Ralph
COUNCIL BLUFFS—Bluff City Lumber Co. (Dealers)
Graham, O. W., 2d av & 13th
Hoagland, George A., Main st
Wind, P. H., 13th & B'way
CRESTON—**BARTLETT, J. W.**
Green Bay Lumber Co. (Dealers)
Jackson & Sherry Co. (Dealers)
DAVENPORT—McClelland, T. W. Co. (Wholesale Mfrs.), 312 Main
Roberts, U. N. Co. (Mfrs.)
Stelling, P. J. & Co.
DES MOINES—Carr & Adams Co. (Wholesale Mfrs.), W S 9th
Century Lumber Co., 713 Mulberry
Ewing & Jewett (Dealers), 9th & Locust
Getchell & Martin Lumber & Mfg. Co. (Dealers), 8th c Vine
GILCREST, J. K. & W. H. (Dealers), 301 E Locust
Law & Bremer, 410 6th av
DUBUQUE—Carr-Ryder & Adams Co. (Mfrs.)
Eberhardt, Lorenz, 369 Rohmberg av
FARLEY & LOETSCHER MFG. CO.
Metz Mfg. Co.
Ott, Meuser & Co.
Seippel, P. J. Lumber Co.
DYERSVILLE—Armstrong, Jas. (Dealers)
ELDORA—Allison, W. J. & Son
Davis & Moser (Dealers)
FORT DODGE—Fort Dodge Mfg. Co.
FORT MADISON—**ATLEE, S. & J. C.**
INDIANOLA—**HARLAN, J. M.**
INDEPENDENCE—Independence Lbr Co.
IOWA CITY—Sheets & Freyder, 302 S Gilbert
KEOKUK—Carter, S. C. & S. Co. (Wholesale Mfrs.)
Schmidt, Henry & Sons Co.
KEOTA—Wright, S. S. & Son (Dealer)
KNIERIM—Anderson, F. R. & Co. (Dealers)
LE MARS—Eyre, Zack
Moore, M. A. & Co. (Dealers)
Perry, W. H.
LYONS—Disbrow, M. A. & Co. (Wholesale Mfrs.)
M'GREGOR—**DAUBENBERGER BROS.** (Dealers)
MARSHALLTOWN—Kreutzer & Wasem
Moore, A. A. (Dealer)
MASON CITY—Davey Mfg. Co.
MASON CITY MFG. CO.
MT. PLEASANT—Hall, M. C. (Dealer)
Smith & Lamme
MUSCATINE—Huttig Mfg. Co. (Wholesale Mfrs.)
Roach & Musser Sash & Door Co. (Wholesale Mfrs.)
NEW HAMPTON—Bigelow & Donivan
ORANGE—Van Pelt & Van Eizenga
OSKALOOSA—Sinclair, S. B.
OTTUMWA—Snook & Son
Tisdale, F. A. & Co. (Dealers)
SIOUX CITY—Bowman-Kranz Lbr. Co. (Dealers)
Corn Palace Mfg. Co., 508 Water
Curtis Sash & Door Co. (Jobbers)
Queal, J. H. & Co.
Spalding, J. D. (Dealer), 3d & Nebraska
SPENCER—Floete Lumber Co.
PERINE, A. C. (Dealer)
WATERLOO—Blackhawk Lumber Co. (Dealers)
Bryant, W. A. & Sons Co. (Dealers)
CEDAR VALLEY MFG. CO. (Wholesale Mfrs.)
Chapman, C. W. Lumber Co. (Dealers)
Nauman Co. (Mfrs.)
Waterloo Lumber Co. (Dealers)

KANSAS.

ABILENE—Cramer & Kruger (Dealers)
ARKANSAS CITY—Roberts, H. T.
ATCHISON—Brockett, B. L. (Dealer)
Carlisle-Pennel Lumber Co.
Hixon Lbr. Co. (Dealers)
Stevenson & Hooper
CHETOPA—Long, H. H. (Dealers)
Shields, J. F., 6th c Maple
COLUMBUS—Hardy, J. Z.
EMPORIA—Emporia Lumber & Coal Co.
Evans, J. E. (Dealer)
Kirkwood, J. G.
Watson-Ballweg Lumber Co.
FORT SCOTT—Fort Scott Planing Mill Co.
FULTON—**FULTON LUMBER CO.**
GARFIELD—Waymire, N. O. (Dealer)
GLASCO—Chicago Lumber & Coal Co. (Mfrs.)
GODDARD—Pond, W. M. & Co. (Dealers)
HUTCHINSON—Hutchinson Lumber & Planing Mill Co.
White, L. J. Lumber Co.
INDEPENDENCE—Rock Island Lumber & Mfg. Co.
IOLA—Cooper, S. M. (Dealer)
Northrup Lumber Co. (Dealers)
Schwartz, E. J. (Dealer)
JETMORE—Hodgman County Hardware & Furniture Co. (Dealers)
KANSAS CITY—Armourdale Lumber Co., Kansas av c Brent
Badger Lumber Co., Kas. av c 1st
Byrne, John M. Lumber Co., 5th & Everett
Central Sash & Door Co., Scott C Packard
Creel, T. C. Lumber Co., 5th & Central
Ellis, J. W. Planing Mill Co., Scott c St. Paul
Foster Lumber Co., 1503 N 5th
LEAVENWORTH—Angell, A. J. & Co., 603 Cherokee
Broadway Mfg. Co., B'way n Cherokee
Garrett, Robert Lumber Co., 6th n Cherokee
LOGAN—King, E. I. & Co. (Dealers)
M'PHERSON—Lake Superior Lumber Co.
Sudendorf, H. H. (Dealer)
MITCHELL—Hindes, W. P. (Dealer)
NEODESHA—Certain, W. N. (Est. of) (Dealers)
NEWTON—**NEWTON LUMBER CO.**
Swartz, S. M. Lumber Co.
OBERLIN—Chicago Lumber & Coal Co.
Foster Lumber Co.
OTTAWA—Halloren, J.
Harris, M. R.
WINGET, W. F. & CO.
PARSONS—Clark & Bates Lumber Co.
McCreery & McClung (Dealers)
Parsons Lumber Co. (Dealers)
White, P. S. (Dealer)
PEABODY—Davison & Co.
PHILLIPSBURG—Central Lumber Co.
Smith, Theo. & Son (Dealers)
STERLING—**FAIR, D. J. (Dealer)**
TOPEKA—Horn, E.
WICHITA—United Sash & Door Co., 240 S Mosley

KENTUCKY.

ASHLAND—**HENDERSON, THOMAS & SON** (Dealers)
AUGUSTA—Moneyhow, Geo. W. Co.
BOWLING GREEN—Kister, F. L., Jr.
ROEMER BROS.
CARLISLE—Dorsey, W. I. & Bro.
COVINGTON—Brownfield, J. A., 37 W 8th
Covington Lumber Co., W Madison av
Covington Saw Mill & Mfg. Co., ft. Main
Hellmann, Clemens, 165 W 12th
Kentucky Planing Mill Co., 8th e of Garrard
McDannold, F. M., 16th & Madison av
DAYTON—Belle View Planing Mill, 836 Walnut
Newport & Dayton Lumber Co.
FRANKFORT—Choate & Finnell
Pilkington, H. C.
GLASGOW—Smith, J. N.
HENDERSON—Clore's, Joseph Sons (Mfrs.)
Johnson, P. P. & J. B. (Mfrs.)
LAWRENCEBURG—Thurman, R. L. (Dealer)
LEXINGTON—Lexington Lbr. & Mfg. Co.
Spottswood, E. R. & Son (Mfrs.)
Williamson & Son (Mfrs.)
LOUISVILLE—Architectural Building Co. (Mfrs.), Chestnut & 38th
Central Planing Mill & Lumber Co. (Mfrs.)
Bell & Coggeshall Co. (Mfrs.), 16th c Lexington
Central Planing Mill & Lumber Co. (Mfrs.).
Comstock, L. H. & Bro. (Dealers), 2026 Lytle
Cook, Frank S. & Co. (Dealers)
East End Lumber Co. (Dealers)
Gernert Bros. Lumber Co. (Dealers), 6th, Hill & A
Graham, S. P. (Dealer), 810 Magazine
Hughes, E. L. Co. (Dealers), 123 E Main
Hughes, W. J. & Sons Co. (Dealers), 14th & Maple
Koehler, Henry & Co. (Dealers), 12th & B'way
Lortz & Frey Planing Mill Co. (Mfrs.), 422 E Breckenridge
Mehler & Eckstenkemper Lumber Co.
Moody, G. E. & Co. (Mfrs.), 1037 9th
Thomas, Calvin F. (Dealer), Hemlock & S. R. R. Crossing
MAYSVILLE—Collins, H. H. Lumber Co.
Mathews, W. B. & Co. (Dealers)
MAYSVILLE MFG. CO.
Ohio River Lumber Co. (Dealers)
MT. STERLING—McCormick, Lyons & Co.
Star Planing Mill Co.
NEWPORT—Stone & Miller, 1028 Monmouth
Voss, Frank K., 417 W 7th
Weingartner's, Joseph Sons, 1027 Monmouth
OWENSBORO—Morrow Lumber Co. (Dealers)
PADUCAH — **LANGSTAFF - ORM MFG. CO.**
PARIS—Lowry & Talbott (Dealers)
RUSSELLVILLE—Roberts & Brown
SHELBYVILLE—**GRUBER, L. H. & SONS**
Hall, W. H. & Son (Dealers)
Sharp, D. N. (Dealer)
WARSAW—**M'DANNELL, J. H. & SONS**

LOUISIANA

FRANKLIN—Hanson, Albert Lumber Co. (Wholesale Mfrs.),
JENNINGS—Jaenke, H. F. Lumebr Co.
LAKE CHARLES—Mutersbaugh, G.
LUTCHER—Lutcher & Moore Cypress Lumber Co. (Wholesale Mfrs.)
NEW IBERIA—Iberia Cypress Co. (Ltd.), (Mfrs.)
TRAINOR'S, O. J. SON (Mfg.)
NEW ORLEANS—Algiers Mfg. Co. (Mfrs.), 240 Patterson
American Mfg. Co. (Ltd.), 2101 Louisiana
Berlin Steam Sash, Door & Blind Factory (Mfrs.), 1020 Marigny
Berwick Lumber Co., Ltd. (Mfrs.), 2333 Clio
Central Mfg. & Lumber Co., 1001 Howard
Chalin, Henry & Co., Ltd. (Mfrs.), 7451 Levee
Crescent City Mfg. Co. (Ltd.), 1205 Montegut
Lambou & Noel Lumber & Mfg. Co. (Ltd.), c N Peters & Kentucky
Lewis, H. F. Co., Ltd. (Mfrs.), 316 Baronne
Lhote Lumber Mfg. Co., Toulouse c N Liberty
Louisiana Steam Sash, Door & Blind Co. (Mfrs.), 1411 Gravier
PATTERSON—Cypress Tank & Mfg. Co. (Wholesale Mfrs.)
TRELLUE CYPRESS LUMBER CO. (Ltd.) (Wholesale Mfrs.)
RUSTON—Raley, J. J. (Mfr.)
SHREVEPORT—Allen Mfg. Co. (Wholesale Mfrs.)
Hardman, C. C. & Co. (Mfrs.)
VICTORIA LUMBER CO. (Ltd.)

MAINE

AUBURN—Ballard, S. K., 33 South Goff
AUGUSTA—Augusta Lumber Co. (Dealers)
LAWRENCE, NEWHALL & PAGE CO. (Wholesale Mfrs.)
BANGOR—Dickey, Wm. P. & Co. (Dealers)
Haynes & Chalmers Co. (Dealers)
Morse & Co.
Rice & Miller (Dealers)
WASHBURN, C. A.
BATH—Passmore, H. T. & Co. (Dealers)
BELFAST—**DURHAM, J. C.**
Hall, C. B. (Dealer)
Mathews Bros.
BERWICK—Nutter, J. C.
BIDDLEFORD—Banks, C. K.
BOOTHBAY HARBOR—Boyd, Samuel
CAMDEN—**CAMDEN LUMBER CO.**
CARIBOU—Ellingwood Bros.
CHERRYFIELD—Wilson, E. K.
Wingate, E. R.
DEXTER—Eldridge Bros.
EASTPORT—Capen, Geo. W. (Dealer)
Cherry, E. M. (Dealer)
Dyer, C. H. & Son (Dealers)
Wadsworth, S. L. & Son (Dealer)
ELLSWORTH—Curtis, A. W.
Bonsey, E. & Son
FAIRFIELD—**TOTMAN, A. H. (Dealer)**
FOXCROFT—Steward, J. H. & Son
Whitridge, D. M.
GARDINER—Decker & Day Hdw. & Coal Co. (Dealers)
GUILFORD—Hussey, Goldthwaite & Hudson (Mfrs.)
HANOVER—Roberts, J. G. & J. B. (Mfrs. & Dealers)
HARRISON—**CASWELL, HOLLIS H.**
HARTLAND—Moore, Walter H. Lbr. & Woodworking Co.
LEWISTON—Gibbs & Dain, Cross Canal
LIVERMORE FALLS—Sewall, E. & H.
MACHIAS—Foster & Bryant

MADISON—Dane, J. H.
MECHANIC FALLS — **WESTON, A. J.** (Dealer)
NORWAY—Hathaway, C. L. (Dealer)
PATTEN—Stephens, L. V. & Co.
PITTSFIELD—**BRYANT & CO.**
PORTLAND—Allen, W. A. (Dealer), 125 Somerset
Berlin Mills Co. (Wholesale Mfrs.)
Burrowes, Jno. W. (Dealer), 151 Kennebec
Farnham, H. F. & Co. (Dealers), R R Wharf
Leavit, Jas. A. & Son (Dealers), 346 Commercial
Smith & Rumery (Dealers), 510 Fore
ROCKLAND—**GLOVER, W. H. & CO.,** 451 Main
SANFORD—Brown, O. W., Main st.
SKOWEGAN—Dane, J. H. (Mfrs.)
Robinson Bros. (Mfrs.)
WATERVILLE—Arnold, W. B. & Co., 109 Main
HANSON, WEBBER & DUNHAM, 99 Main

MARYLAND

BALTIMORE—Balto Sash & Door Co. (Wholesale Only), Howard & West
Brady, Edw. & Son (Dealers), 1109 Cathedral
Cook, H. E. & Bro., 500 E Monument
Dorsey Lumber Co., Highland av & Philadelphia road
Duker, Otto & Co., President & Canton av
Gilbert, J. L. & Bro. (Mfrs.), 513 E Falls
Hanneman, Aug. (Dealer), c Monument & Milton av
Heise, Bruns & Co., Caroline & Canton av
Keen, W. F. & Co., Charles & Mt. Royal av
Lafayette Mill & Lumber Co. (Mfrs.), Lafayette av & B. & P. R. R.
Morgan & Co. (Mfrs.), Ripple bldg
Mottu, Theo. & Co., 1022 Penna av
National Building Supply Co. (Dealers), Mfrs. Record bldg
Ringsdorf & Houff, 1944 F'd'k av
Scherer, Wm. C., 810 W Balto
Short, John H. (Mfr.), Uhler's alley
Sloan, Geo. F. & Bro. (Mfrs.), 414 Light
Sunner & Gerlach, 1401 N Register
Thomas, Jos. & Son, 818 Leadenhall
Tinley & Co., 735 W Pratt
Watkins, Frank D. & Co., Pratt & President
CUMBERLAND—Cumberland Sash & Door Co.
Miltenberger, Hy.
ELKTON—Keys & Miller Lbr. Co.
EMMITSBURG—Zimmerman, E. R. & Son (Dealers)
FREDERICK—Wilcoxon & Brown
HAGERSTOWN—Snyder, Geo. C. & Co. (Mfrs.)
HAVRE DE GRACE—Dubois, Jno. E.
LAUREL—Shaffer, C. F. (Dealer)
SALISBURY—Adkins, E. S. & Co. (Mfrs.)
Mitchell, Thos. H. (Mfr.)
Williams, L. E. & Co.
SNOW HILL—**CORDDRY, W. D. & SON**

MASSACHUSETTS.

ADAMS—Arnold, H. J. & Sons
Holden, M. J. Lumber Co.
AMESBURY—Cammett, Gustavus (Mfrs.)
ATHOL—Raymond, Alfred J. (Mfr.)
Tyler, A. F. (Mfr.)
AYER—Phelps, Levi W.
BARRE PLAINS—Rich, T. E. Co. (Mfrs.)
BOSTON—Bailey, E. W. Co., 24 Kneeland
Bristol Door & Lumber Co., 147 Milk
Carlisle-Ayer Co. (Dealers), 28 Wash'n, N
Carlisle, E. A. & Pope Co., 2 Sudbury
Compound Door Co., 101 Tremont
CYPRESS LUMBER CO. (Wholesale Mfrs. of Cypress), 153 Milk
D'Arcy, M. F. & Co., 15 Wash'n N.
Elms, H. E. & Co., 22 Wash. N
Elston, A. A. & Co., 166 Devonshire
Elston, Thos. A. & Co., 409 Dorchester av
Farrell, C. H. & Co., 19 Wareham
Hastings, A. W. & Co., 142 Friend
Hatch, Isaac, 46 Wareham
Jackson & Newton Co., Holmes blk
Johnson, Thos. J. & Co., 292 Harrison av
Lash, A. F. Co., 25 D
Newton, F. C. (Mfr.), 57 Bristol
O'Conner, T. W. Co., 125 Haverhill
Seabury, Chas. A., 100 Utica
Skinner & McManus, 41 Beverly
STEARNS, A. T., LUMBER CO. (Mfrs.), Neponset & 166 Devonshire. (See adv. index, page 1200)
West End Sash Co., 55 Wash N
BROCKTON—**MITCHELL, I. & CO.** (Dealers)
Taunton Lumber Co., 243 N Montello (Dealers)
CAMBRIDGE—Hersey, Ira G., 113 B'way
Kresnansky, S., 320 Main
CLINTON—Fuller, Wm. A.
Howe, N. L.
FALL RIVER—Blossom, B. & Son (Mfrs.), 29 Jesse
Borden, Cook & Co., 650 Davol
Durfee, N. B., 870 S Main
Neill, Joseph O., 130 Bedford
Powell, Morgan & Co., 1036 Pleasant
Prosser, Wm. & Son, 185 Pleasant
FITCHBURG—Garno, W. A. & Co., 124 Lunenberg
Johnson, W. C., 109 Water
PRIEST, C. A. LUMBER CO., 45 Rollstone
Webber Lbr. Co., 31 Newton pl
GLOUCESTER—Nauss, L. B. & Sons (Dealers)
GREENFIELD—Franklin County Lumber Co.
HAVERHILL—Chase, D. D. Lumber Co.
McGratty & Wheeler, 44 Main
Potter, Warren W., 30 Pleasant
HINGHAM—Whitney, E. E.
HOLYOKE—Ely Lumber Co.
Merrick Lumber Co., nr B. & M. R. R. freight depot
RANGER, CASPER, 10 BOND
HUDSON—Robertson & Larkin
HYANNIS—**SEARS, J. K. & B. & CO.**
HYDE PARK—Hodgkinson, J. & Son
LAWRENCE—Briggs & Allyn Mfg. Co., 20 Winter
Dillon, John, 100 B'way
Lawrence Lumber Co., 616 Essex
LOWELL—Bennett, J. W. Co., 564 Middlesex
Pratt, Amasa & Co., 766 Dutton
Pratt & Forrest, 557 Dutton
LYNN—Brockway-Smith Corp'n, 61 Monroe
Frazier, I. & Son (Dealers), 27 Andrew
Haskell, Frank H., 40 Suffolk
Hutchinson Lumber Co., Broad cor Wash'n
Marshall, J. O. & Son, 27 Marshall's wharf
MALDEN—Kaulbach, W. S. (Dealers)
Malden City Lbr. Co. (Dealers)
MARBLEHEAD—Bowden, T. J. & Son
MARLBORO—Elliott Lumber Co., 128 Lincoln
Howe, A. B. & Co.
MIDDLEBORO—Sears, J. K. & B. Co. (Dealers)
NATICK—Fiske & Co. (Dealers)
NEPONSET—**STEARNS, A. T. LUMBER** Co. (See adv. index, end of book)
NEW BEDFORD—Allen, A. W. Co., 193 N Water
Blossom Bros., 172 N Water
Croacher, Thos. W., Leonard's wharf (Dealers)
Greene & Wood (Mfrs.), Pine n S Water
Nicholson, John G.
Sowle, Nat. P., 97 N Water
Washburn, Lettice R. & Co., 235 N Water
NEWBURYPORT—**CUTTER, F. E. &** Son (Dealers), 48 Merrimac
NORTH ADAMS—Bresnahan, J. J. & Co.
Bruce, George H.
DIBBLE (THE), S. B. LUMBER CO.
NORTHAMPTON—Merrick Lumber Co., Merrick lane
PITTSFIELD—Berkshire Lumber Co. (Dealers)
Butler, James H. Lumber Co. (Dealers), 108 Fenn
FERRY, C. S. & SONS (DEALERS) 168 West
Glentz Woodworking Co., 45 Clapp av
Howard, Harry (Dealer), 540 South
Ward, Z. A. Woodworking Co., Centre c West
PLYMOUTH—Atwood, E. B. (Dealer)
Robbins, L. T. (Dealer)
PROVINCETOWN—Dyer, B. H. & Co.
SALEM—Hardy Bros., 11 Washington
SHIRLEY—**BALLOU, G. M,**
SOMERVILLE—Davenport-Brown Co.
Rice, W. P.
SOUTHBRIDGE—Clemence, J. M. & L. D.
SOUTH HADLEY—Howard, Gaylord & Co. (Mfrs.)
S. HADLEY FALLS—Street Lumber Co.
SPRINGFIELD—Annable, C. H. (Dealer), 38 Sanford
Decker, E. S. Lumber Co., Warwick av c Armory
Hampden Lumber Co. (Mfrs.), 850 State
Walker, T. M. & Co., 31 Market
TAUNTON—**SANDERS, C. V. & CO., 68** Weir
Taunton Lbr. Co., 44 B'way
Williams, A. G. & Co., 62 Weir
TURNER FALLS—Bartlett, Joseph F.
WALTHAM—Higgins, J. A. (Dealer)
Richardson, E. M.
WAREHAM—Grifford, Prince
WATERTOWN—Sanger, Geo. C. (Mfrs.)
WEBSTER — **PATTERSON, LOUIS E.** (Dealer)
WESTFIELD—Boyle, John E.
Merrick Lumber Co., 280 Elm
WILLIAMSTOWN—Waterman & Moore
WORCESTER—Adams & Powers (Dealers), 171 Union
Baker Lumber Co. (Dealers), 82 Foster
Clark, L. C. Co. (Dealers), 86 Central
Rice & Griffin Mfg. Co., 5 Sargent
Stevens, F. O. (Dealer), 144 Union

MICHIGAN.

ALBION—Wilder, S. A. & Son
ALMA—**TINKER & HANNAH (Mfrs.)**
ALPENA—Gebhardt, Morrow & Co. (Mfrs.)
ANN ARBOR—Luick Bros. (Mfrs.)
BATTLE CREEK—Battle Creek Interior Finish Co. (Ltd.), (Mfrs.)
Haak, H. K. (Dealer)
Knight & Fess (Mfrs.)
North & Strong (Dealers)
Rathbun & Kraft Lumber Co., Ltd. (Mfrs.)
BAY CITY—Lamont, Matthew (Wholesale Mfr.), 309 Columbus av
Lewis Mfg. Co. (Mfrs.)
Nickless, W. H., ft. Madison av
BAY MILLS—Hall & Munson Co. (Wholesal Mfrs.)
BELLEVUE—Mulvany, Fred M. (Dealer)
BENTON HARBOR—McDonald, Jas. (Dealer)
BIG RAPIDS—Big Rapids Door & Sash Co. (Wholesale Mfrs.)
Jones & Green
BRIGHTON—Hyne, F. T. (Dealers)
CADILLAC—Haynes Bros. (Mfrs.)
CALUMET—Armstrong-Thielman Lumber Co.
CHARLEVOIX—Charlevoix Lumber Co. (Wholesale Mfrs.)
CHARLOTTE—Cove, H. D. (Dealer)
Webster, Cobb & Co. (Dealers)
CHEBOYGAN—**CHEBOYGAN MFG. CO.** (Mfrs.)
COLDWATER—**BALL BROS.**
Pollock, S. & Son (Dealers)
DETROIT—Beyster, John, 875 W Fort
De Man Bros. (Mfrs.), Trumbull av cor Cherry
Frohlich, Edw. Glass Co. (Dealers), 52 Larned, W
Hertz & Hosbach Co., 4th and Holden avs
Heyser & Sons, Hammond bldg
Howarth Reversible Sash & Sash Centre Co., 17 Gilman
Huebner Mfg. Co. (Mfrs.), 236 E Front
Hurd, W. F. & Co. (Mfrs.), River Rouge & M. C. R. R.
Japes, Frank Co., 8th & Plum
Kotcher, C. W. (Wholesale Mfrs.), 639 Gratiot av
Lowrie & Robinson (Wholesale Dealers), Leavitt & Junction avs
Munroe, Wm. Co., 1069 McKinley av
Nicholson Mfg. Co., 456 Brooklyn av
Sibley, F. M. Lumber Co., Kercheval av & M. C. R. R. Belt Line
Teakle & Golden, 15 Gilman
Vinton Co., 146 Woodbridge, E
Weber, J. F. & Co., 300 Gratiot av
ELSIE—Wooley, J. B. & Sons (Dealers)
ESCANABA—Williams, Nick (Mfr.).
FLINT—Hearsch & Atwood
FLINT—Randall Lumber & Coal Co. (Dealers)
FRANKENMUTH—Nuechterlein Bros. (Mfrs.)
FRANKFORT—Courville, Julius (Dealer)
FREEPORT—Moore & Sheaperd (Dealers)
GRAND RAPIDS—Dupree, John & Co., 329 Taylor
Fuller & Rice Lbr. & Mfg. Co. (Wholesale), D. & M. Junction
Grand Rapids Veneered Door Co. (Mfrs.)
Letellier, F. & Co., 222 Canal
Ocker & Ford Mfg. Co. (Mfrs.), Court & G. R. & I. Ry.
Schaafsma, Hy., 218 Plainfield av
Stiles Bros., 1st av, c M. C. R. R.
GREENVILLE—**BELKNAP & SON (Dealers)**
Foster, J. J. Lumber Co. (Dealers)
HANCOCK—Stringer, Jas. S. (Dealer)
HARBOR BEACH—Wellock, George & Son (Mfrs.)
HIGHLAND—St. John, L. S. (Mfr.)

HOLLAND—Kleyn Lumber Co. (Wholesale Mfrs.)
HUBBARDSTON—Bennett, Chas. K. (Mfr.)
IONIA—William, Gregg (Wholesale Mfr.)
IRON MOUNTAIN—City Lumber Yard
Laing, H. H. & Co.
IRONWOOD—Williams, E. B. (Dealer)
JACKSON—Doig, D. J., 431 N Jackson
Lathrap, C. C. (Dealer), 258 Mich. av
KALAMAZOO—Dewing & Sons, 42 N Jackson
KALAMAZOO INTERIOR FINISH Co. (Mfrs.)
North & Coon Lumber Co.
LAKEVIEW—Smith, C. N. (Dealer)
LANSING—Lansing Veneered Door Co. (Mfrs.)
Rikerd Lumber Co. (Wholesale Mfrs.)
LAPEER—King, Robert Lumber Co. (Mfrs.)
Tuttle & Burritt (Mfrs.)
LAURIUM—Bray, N. S. (Mfr.)
LOWELL—Boylen, R. (Dealer)
ECKER & FOSTER (Mfrs.)
MANCELONA—**MANCELONA MFG. CO.**
MANISTEE—Miller, Wm. (Dealer)
Newcombe, R. J. B.
MANISTIQUE—**WESTON LUMBER CO.** (Wholesale Mfrs.
MARCELLUS—Hoover, H. J. (Mfr.)
MARINE CITY—Zimmerman, C. F.
MARLETTE—McGill, Wm. B. (Wholesale Mfr.
MARQUETTE—Read, F. W. & Co. (Wholesal Mfrs.)
MARYSVILLE—Mills, N. & B. (Mfrs.)
MENOMINEE—Gibout, L. E. (Dealer)
Kartheiser, Frank
MILFORD—Byrne, P.
MT. CLEMENS—Hubart & Schott Co.
Peattie, Wm. (Mfr.)
MUSKEGON—Gray Mfg. Co., Hovey & Park av
Langeland Mfg. Co. (Wholesale Mfrs.), end B Muskegon av
McGraft, N. & Son (Wholesale Mfrs.)
OLIVET—Webster, Cobb & Co. (Dealers)
OWOSSO—Screen, Door & Window Co. (Mfrs.)
PAW PAW—Waters, H. C. & Co. (Dealers)
PETOSKY—Brackett Hardware Co.
Raynolds & Rain (Dealers)
PORT HURON—Boyce, S. L. & Son (Dealers)
Home Mfg. Co. (Mfrs.)
Sperry, J. B. & Co.
Taylor, C. F.
QUINCY—Salisbury, J. N. (Mfr.)
ROMEO—Kennedy, Albert & Son
SAGINAW—Avery & Co., 309 Hayden
Bliss & Van Auken, 1100 S Niagara
Booth & Boyd Lbr. Co., c Holden & Baum
Briggs & Cooper Co., 309 Hayden
Hardin, D. Co., 605 S Niagara, W S
Jackson, Thos. & Co., 2019 S. Michigan, W S
Lee, Chas. (Est. of), 634 S Tilden
Mershon, Wm. B. & Co. (Mfrs.), Mershon Station
Schuette, Wm. & Co., N Wash'n av & N 6th
White, Albert C., S Jeff & Euclid av
ST. CLAIR—**MILLS, N. & B.**
ST. JOHNS—**ST. JOHNS TABLE CO.** (Mfrs.)
ST. JOSEPH—**COMPOUND DOOR CO.** (Mfrs.)
Preston, W. A. (Dealer)
Wallace, Jno. & Sons (Dealers)
SALINE—**PARSONS, ORRIN**
SEBEWAING—Sebewaing Lumber & Mfg. Co.
SHELBY—McKinnon, A. R. (Dealer) (Mfrs.)
Rankin, A. J. (Dealer)
Spellman, S. & Co. (Dealers)
SOUTH HAVEN—Newcome, W. J. & W. A. (Dealers)
SOUTHLAKE LINDEN—Armstrong-Thielman Lumber Co. (Wholesale Mfrs.)
SPARTA—Van Wiltenberg M. (Dealer)
SPRINGPORT—Hoag, R. B. & Son (Dealers)
STANTON—Pierson, John W. & Co. (Dealers)
TECUMSEH—Lenawee Lumber Co. (Mfrs.)
THREE OAKS—Brower, Jacob (Dealers)
TRAVERSE CITY—Fulghum Mfg. Co. (Wholesale)
Greilick, J. E. Co. (Wholesale Mfrs.)
UTICA—Hollister & Reed (Mfrs.)
VASSAR—Miller, Frank (Dealer)
VICKSBURG—Clapp Bros. (Mfrs.)
WALDRON—Abbaduska & Son
Gish, Charles M. (Dealer)
WAYNE—Wallace, J. B. (Dealer)
WHITE PIGEON—Driesbach, F. C.
YPSILANTI—Fuller, George & Son
Webster, Cobb & Co. (Mfrs.)

MINNESOTA.

ADRIAN—Shull, J. & W. C. (Dealers)
BLOOMING PRAIRIE—Benson, A. O. (Mfrs.)
Solberg, A. Lbr. Co. (Dealer)
CLOQUET—Cloquet Lumber Co. (Mfrs.)
Fish, L. A. & Co. (Dealers)
Loisel, Jos. (Dealer)
Northern Lumber Co. (Mfrs.)
CROOKSTON—Walker, W. E.
DULUTH—Holston, D. E. & Co.
Ouellette & Baxter Co.
Scott-Graff Lumber Co. (Wholesale Mfrs.), 2402 W Michigan
Wallinder, E. G., 59th, nr Nicollet
FERGUS FALLS—Fergus Mfg. Co. (Mfrs.)
Fergus Sash & Door Co. (Mfrs.)
FRANKLIN—Hauser Lbr. Co. (Dealers)
MADISON—**BOWMAN, S. H. LUMBER CO.** (Dealers)
MELROSE—Richmond, E. C.
MINNEAPOLIS—B. & B. Sash & Door Factory (Mfrs.), 2841 Girard av, S
Bardwell-Robinson Co., 24th av & 2d
Carlson, Aaron, Central av, bet 15th & 16th av, N. E.
City Sash & Door Co., 230 S 4th
Curtis & Yale Co. (Wholesale Mfrs.), Lumber Exchange
Eddy Sash & Door Co., 125 2d, N E
Ford Mfg. Co., 209 Washington av, N
Fulton & Libbey Co., 1428 N 2d
Holm's Pattern & Model Works, 116 1st av
Joannin-Hansen Co., 2308 N 2d
Johnson, H. S. & Co., 18th av c Marshall
Johnson, Smith & Co., cor Wash'n & University av, S. E.
McDonald, John F. Lumber Co. (Dealers)
Minneapolis Sash & Door Co., 1018 Central av
Nelson, Tuthill Lumber Co., 334 Hennepin av
Randall & Janovec, 3201 Pleasant av
Rydell-Carlson Co. (Dealers), 214 19th av N
Simonson Bros. Mfg. Co. (Mfrs.), 1713 S 7th
Smith & Wyman, 2d av & 8th
Stewart, Carl L. Lumber Co. (Dealers), N. Y. Life bldg
Trick, Fred, Lumber Exchange
Wabash Screen Door Co., 2222 Elm
Waterman-Hunter Co., 515 1st av, N. E.
Wilcox, J. F., 1030 Marshall
MORA—McIlhargy, S. D. (Dealer)
MORRIS—Jones, Edw. J. (Dealer)
OWATONNA—**SPERRY MFG. CO.**
RED WING—**BETCHER, CHAS. LUMBER CO.** (Wholesale Mfrs.)
ROCHESTER—Dodge, W. H.
ST. CLOUD—Raymond & Dunnewald Mfg. Co.
Wright & Smart (Mfrs.) (Mfrs.)
ST. PAUL—Abbott Mfg. Co. (Wholesale Mfrs.), 420 Sibley
Bohn Mfg. Co., Arcade, c Wells
Brooks Bros., 1923 W University av
Gribben Lumber Co., 194 E 7th
Martin, John, Lumber Co., 217 Como av
Midway Mfg. & Lumber Co., N. W. Furniture Exposition bldg
Osgood & Blodgett Mfg. Co., Duluth av, n E 7th
St. Croix Lumber Co., 185 E Fairfield av
St. Croix Sash & Door Co.
St. Paul Sash, Door & Lumber Co., 319 Rice
SAUK CENTRE—Ingram Lumber Co. (Dealers)
STILLWATER—St. Croix Lumber Co.
STILLWATER MFG. CO.
THIEF RIVER FALLS—Thief River Falls Lumber Co. (Mfrs.)
WARREN—Robertson Lumber Co. (Dealers)
St. Hilare Lumber Co. (Dealers)
WINONA—Empire Lumber Co.
Laird, Norton Co.
Schroth & Ahrens Co. (Wholesale Mfrs.)
Union Lumber Co. (Dealers)
WINONA LUMBER CO.

MISSISSIPPI.

BILOXI—Rosell, T. J. Mfg. Co.
CORINTH—Pocahontas Lumber Co.
GREENVILLE—Harty, J. J. (Dealer)
Neal, Wm. H. (Dealer)
JACKSON—Enoch's Lumber & Mfg. Co. (Wholesale Mfrs.)
Jackson Lumber Co. (Dealers)
MERIDIAN—Bostick, T. J. & Sons (Wholesale Mfrs.)
NATCHEZ—Hill Lbr. & Mfg. Co. (Mfrs.)
VICKSBURG—Curphey & Mundy
Miss Lumber Co. (Dealers)
Spengler, A. & S. (Dealers)

MISSOURI.

BOWLING GREEN—La Crosse Lumber Co. (Dealers)
BUTLER—Logan, Moore Lumber Co. (Mfrs.)
Wyatt, H. C. & Son (Mfrs.)
CALIFORNIA—Mengel, W. H. (Dealer)
CANTON—**CANTON PLANING MILL CO.**
CAPE GIRARDEAU—Lilly, E. S.
CARTHAGE—Harrison, J. F. (Dealer)
Home Lumber Co. (Dealers)
Regan Lumber Co. (Dealers)
Thomas, B. F. (Dealer)
EXCELSIOR SPRINGS—Chicago Lumber Co.
Rice, S. R. (Dealer)
FARMINGTON—Dougherty, D. J. (Mfr.)
Lang & Bro. (Dealers)
Tetley-Klein Lumber Co. (Dealers)
FREDERICKTOWN—Fredericktown Lumber Co.
GLASGOW—Hagedorn, D. (Dealer)
Rall Bros. (Mfrs.)
HANNIBAL—Conlon, John J.
HANNIBAL DOOR & SASH CO. (Wholesale Mfrs.)
Meyer, J. F. & Co.
IRONTON—Albert, John (Dealer)
Baldwin, John F. & Son (Dealers)
JACKSON—Caldwell, H. L. (Dealer)
JEFFERSON CITY—Wallau, Henry J.
JOPLIN—Joplin Sash & Door Co. (Mfrs.)
Miller, L. F.
Stewart Bros.
KANSAS CITY—Badger Lumber Co. (Dealers), 303 Postal Tel. bldg.
Broadway Mfg. Co. (Mfrs.), 408 Postal Tel. bldg
Bruce Lumber Co. (Dealers), 20th c Grand av
Byrne, J. M. Lumber Co. (Dealers), 20th & Wyandotte
Clark & Bates Lumber Co., Indiana av & 17th
Creel, T. C. Lumber Co. (Dealers), 5th c Central
Davis-Page Planing Mill Co. (Mfrs.)
Deardoff, F. M. (Dealers), Dwight bldg
Deathergate Lumber Co. (Dealers), 1065 W 8th
Dierks & Sons Lumber Co. (Dealers), 1601 McGee
Foster-Munger Co. (Mfrs.), Postal Tel. bldg
Kansas City Planing Mill Works (Mfrs.), 3419 E 15th
Lee & Lyman (Dealers), 18th & Wabash av
Libbey & Fulton Co. (Mfrs.), Penn & 24th
Louisiana Central Lumber Co. (Dealers), K. & P. bldg
Louisiana & Texas Lumber Co. (Dealers), K. & P. bldg
Lovejoy, G. W. (Mfrs.), 1335 Main
Merrill, J. W. (Dealer), S. W. Boul & Summit
Paine Lumber Co., Postal Tel. bldg
Roach & Kienzie Sash & Door Co., 2026 Walnut
Schmidt & Wible Mercantile Co., 1219 McGee
Schutte, S. Z. (Dealer), 25th cor Grand
Western Sash & Door Co. (Wholesale Mfrs.), Grand av & 23d
Willer Mfg. Co. (Mfrs.), 1316 Walnut
LEBANON—Lingsweiler, J. G.
LOCKWOOD—Eaton, W. R. & Co.
LOUISIANA—La Crosse Lumber Co.
MARCELINE—Pancost, L. E.
MARYVILLE—Conrad & Totterdale
MOBERLY—Mounce, D. H. & Co. (Dealers)
NEOSHO—**NEOSHO PLANING MILL CO.** (and Dealers)
NEVADA—Robinson, J. B. & Son
PALMYRA—Noble, G. A.
RICHLAND—Lingsweiler, Edw.
ST. JOSEPH—Badger Lumber Co. (Dealers), 6th & Penn
Biles, N. D. L. & Co. (Dealers), 1422 S 6th
Dougherty & Moss Lumber Co. (Dealers), 10th & Mitchell
Early, T. R. & Co. (Dealers), Pryor cor Arizona av
Fullerton Lumber Co. (Dealers), 802 S 8th
Huttig-Moss Mfg. Co., 4th cor Mitchell av
Nesbit, F. J. Lbr. Co. (Dealers), Ariz av
Nold, Chas. H. Lumber Co., 1212 N 4th
St. Joseph Lbr. Co. (Dealers), 1401 Frederick av
ST. LOUIS—Broadway Planing Mills, 3300 N B'way
Carondelet Planing Mill Co., 501 W Davis
Cole & Glass Mfg. Co., 1520 Market
Crescent Planing Mill Co., 3227 N 9th
De Hodiamont Planing Mill Co., Hodiamont & Minerva av

Fathman & Miller Planing Mill Co., 1060 Old Manchester rd
Fox Bros. Mfg. Co., c Ohio av & Sidney
Frye, Wm. G. Mfg. Co., 1502 Market
Ganahl, John J. Lumber Co., 2d and Park av
Ganahl Planing Mill & Mfg. Co., Kosciusko & Geyer av
Gaus, Henry & Sons Mfg. Co., 2130 N Maln
Gravois Planing Mill Co., Juniata & Gravols av
Great Western Planing Mill Co., 400 St. George
Hafner Mfg. Co. (Wholesale Mfrs.), Maln & Dock
Huttig Sash & Door Co. (Wholesale Mfrs.), 1206 Manchester rd
Kuenzel, A. Mfg. Co., 2720 S 3d
Lecoutour Bros. Stalr Mfg. Co., 3015 Salena boul cor Mo. Pac. Ry
Lohse Patent Door Co., King's Highway boul
Mechanics' Planing Mill Co. (Wholesale), 3746 N B'way
Monarch Lumber Co. (Wholesale Only), 405 N 6th
North St. Louis Planing Mill Co., c Grand & Carter avs
Olcott, Chas. A. Planing Mlll Co., 3300 N B'way
Oswald Woodwork Mfg. Co., 2219 Bismarck
Phllibert, W. B., 810 Olive
Phoenix Planing Mill Co., c 12th & Spruce
Riddle, Rehbein Mfg. Co., 13th & O'Fallon
St. Louis Sash & Door Works (Wholesale Mfrs.), Dock & Main
Schaerff & Pfau, Kosciusko n Geyer
Schmidt, Frank, Planing Mill Co., Victor & Iowa av
Simplex Revolving Sash Co., 319 N 4th
Theiling-Lothmann Mfg. Co., 3810 N 9th
Thomsen Planing Mill Co., 1700 Old Manchester rd
Thuener, Chas. Planing Mlil Co., Prairie av, s w c Lucky
Tower Grove Planing Mill Co., 1321 Kentucky av
Wabash Wood Working Co., 601 S Newstead av

SPRINGFIELD—Campbell Lumber Co. (Dealers)
DAVIS PLANING MILL CO.
Garrett, W. L. (Dealer)
Springfield Planing Mill & Lumber Co. (Mfrs.)

MONTANA.

BUTTE—Anaconda Copper Mining Co.
Blg Blackfoot Milling Co.
Carroll, J. T. Lbr. Co.
Western Lumber Co.
GREAT FALLS—Holter Lbr. Co.

NEBRASKA.

KEARNEY—Gilchrist, F. H. Lumber Co.
Seeley, C. S. (Dealers)
LINCOLN—**CURTIS & BARTLETT CO.** (Wholesale Mfrs.), 601 M
Searle & Chapin Lumber Co., 737 N
Trester Lumber, Coal & Ice Co., 103 S 11th
NEBRASKA CITY—Erwin, Ellis, 205 S 4th
OMAHA—Adams & Kelly Co., 1529 Sherman av
Bloom, Alfred Co. (Mfrs.), 1502 Callfornia
Bullard, Hoagland & Benedict, Izard c 20th
Cady, H. F. Lumber Co., Douglas c 6th
Chaffee, C. L. & Son, N. Y. life bldg
Chicago Lumber Co. (Wholesale Mfrs.), 814 S 14th
Dletz, C. N. Lumber Co., 1214 Farnam
Disbrow, M. A. & Co. (Wholesale Mfrs.), 1201 Nicholas
Guiou & Ledwich, 1024 N 18th
Hampton Lumber Co., 1242 S 16th
Hoagland, G. A., 9th & Douglas
Howland, E. H. Lumber Co., 438 N 24th
Omaha Wood Working Co., 1029 S 18th
Wagner & Buchanan, 23d & Paul
SOUTH OMAHA—Bradford, Louis Lumber Co.
Watkins, J. B. & Co.

NEVADA.

RENO—Reno Mill & Lbr. Co.
VERDI—Verdi Lumber Co.

NEW HAMPSHIRE.

BERLIN—McGivney, W. L.
BRADFORD—Bailey, Jacob C. & Son
BRISTOL—Wells, B. L. & A.
CENTER OSSIPEE—Smart, C. H. (Mfr.)
CONCORD—Carpenter, Wellington, 7 Bridge
Mead, Mason & Co.
DOVER—Foss, D. & Son
Matthews Bros.
EPSON—Marden, Freeman (Mfr.)
FARMINGTON—Mooney, Frank E. (Dealer)
FRANKLIN—Putney, N. J.
GOFFSTOWN—Kendall, Hadley & Co.
KEENE—**NIMS, WHITNEY & CO.** (Mfrs.)
LACONIA—**LACONIA LUMBER WORKS** (Mfrs.)
LANCASTER—**SMITH, FRANK & CO.** (Dealers)
Thompson Mfg. Co.
LEBANON—**MASON, J. S. & CO.**
Spencer Bros. (Mfrs.)
Whipple, Lyman
LITTLETON—Fitzgerald & Burnham
Littleton Lumber Co.
MANCHESTER—Head & Dowst Co., 97 Granite
Hodge, J. (Mfr.), 485 Elm
Hubbard, Wm. F., 1308 Elm
Mead, Mason & Co. (Dealers), 215 The Kennard
MARLBORO DEPOT—Sherman Bros. (Mfrs.)
MEREDITH—**CLARK, GEO. H. & CO.**
MILFORD—Pierce, W. E. & Co.
Smith, C. H. V.
NASHUA—Gregg & Son (Mfrs.), 27 Crown
Roby & Swart Mfg. Co.
Tolles, J. H. & Co., 20 Quincy
PENACOOK—Rolfe, C. M. & A. W. (Mfrs.)
PORTSMOUTH—Cole, C. Fred'k
ROCHESTER—**ROCHESTER LUMBER CO.**
SOMERSWORTH—Horne, S. C. (Dealer)
SPOFFORD—Hamilton, Geo. L. (Mfr.)

NEW JERSEY.

ARLINGTON—Blauvelt, I. H. Co., Elm c Columbia av
ASBURY PARK—Buchanon & Smock Lumber Co.
ATLANTIC CITY—Somers Lumber Co.
BAYONNE—Booth, A. W. & Bro., Orient & Linnet
BOGATA—See Hackensack
BOONTON—Tood, S. C. (Mfr.)
BRIDGETON—Loper, Ell & Son (Mfrs.)
BURLINGTON—Severns', J. T. Sons & Co.
CAMDEN—Coles, C. B. & Sons Co., Front bel Kaighn av
Cooper, Wm. J. & Co. (Dealers), 221 Kaighn av
Frederlcks, Wm. H., 122 Arch
ELIZABETH—Heidritter, F. L. & A., Pine nr 4th
Looker, David L. B., 1147 E Broad
FREEHOLD—Reid, Leonard G., Spring nr B'way
FRENCHTOWN—White, Chas. (Dealer)
HAMMONTON—**BERNSHOUSE, WM. H.**
HOBOKEN—Gahagan's, J. Sons, 217 Adams
Hall, Perry E., 511 Newark
Kortlang, H. (Dealer)
JERSEY CITY—Barnes Mfg. Co. (Mfrs.), West Side av nd D. L. & W. R. R.
Engler, Chas. H., Kearney av nr West Side av
Heller, Chas., 49 Cambridge av
Prospect Sash & Door Co. (Mfrs.), 135 Palisade av
Schulz, T. Sash & Door Co., 467 Pacific av
Woodhouse & Co. (Mfrs.), 1 Bishop
KEARNEY—(See Arlington)
MADISON—**SMITH, J. M. CO.**
MANASQUAN—Taylor, W. P.
Van Schoick, R. T.
MATAWAN—**BAILEY, WM. D.**
MILLVILLE—Kimball, Prince & Co. (Mfrs.)
MOORESTOWN—Collins, John S. & Son (Dealers)
MORRISTOWN—**ENNIS, C. W. & CO.**
Mills, Geo. A. Wood Working Co.
MOUNT HOLLY—Ewan, Josiah W.
NEWARK—Barkhorn, Wm. H., 22 Sayre
Bischoff, Wm., 501 Bergen
Builders' Material & Supply Co., 5 Padger av
Central Planing Mills, 113 Central av
Craig, J. R. & Co., 131 N. J. R. R. av
Desereau, A. K., 509 Washington
Enstice Bros. Co., 135 Halsey
Glasby Lumber Co., 11 Badger av
Goldingay, Chas., 88 E Kinney
Goldingay, Thos., 83 E Kinney
Hatt & Vickens, 135 Halsey
Hedden, V. J. & Sons, Ogden ft Orange
Lewis, Wm. E., 42 3d
Maull, G. F. & Bro., 673 Springfield av
Muller, John, 283 15th av
Newark Door Co., 221 Sussex av
Paxton, W. L., 130 Lincoln av
Russell, W. P., 40 Lawrence
Schlll, Fred'k & Co., 102 Charlton
Schrafft, A. & Co. (Mfrs.), 61 Polk
TABOR SASH CO., 66 Jackson.
(See adv. Index, end of book)
Tompkins, A. B., 205 4th
Trivett & Walters Co., 1 Bond
Van Ness, Jos. R., 131 N. J. R. R. av
Ward, W. T., 27 Wallace pl
Wrightmann & Bro., 314 Mt. Pleasant av
NEW BRUNSWICK—Butler, Howard V. & Co. (Mfrs.), John ft Morris
ORANGE—Barber, T. G., 18 S Park
Cooke, Geo., 5 Alden pl
Romine, Jacob K. & Son, 21 Reock
PASSAIC—Crane, Floyd H.
PATERSON—Florance Bros. Mfg. Co. (Mfrs.), 41 Goodwin
Graham, Jos. R., 425 Grand
Jackson-Bergen Co., Clay c R. R. av
PERTH AMBOY—Farrington Co. (Dealers)
PLAINFIELD—Burdick, Jesse G. (Dealer)
McCullough, Richard H.
RED BANK—Waters & Osborn
RUTHERFORD—Soley, Chas. R. Co.
SALEM—Bell, W. W. & Co.
S. SEAVILLE—Collins, J. P.
TRENTON—Kirk, W., 221 Furnam
Leuckel, A. K. & Co., at Broad St sta
VINELAND—**KIMBALL, PRINCE & CO.** (Mfrs.)
Pixley, Albert B. (Dealer)
WASHINGTON—Alleger's, E. W. Son
Gulick, Walter D.
WESTFIELD—**TUTTLE BROS. (Dealers)**
WOODBURY—**WOODBURY MILL & LUMBER CO.**

NEW MEXICO.

ALBUQUERQUE—**BALDRIDGE, J. C.** (Dealer)
Lee, John A.

NEW YORK.

ADAMS CENTRE—Green, O. D., Jr. (Dealer)
ADDISON—Crane, A. G. & Co.
Park, Winton & True (Wholesale Mfrs.)
ALBANY—Blakeslee Lumber Co., 981 B'way
Bradstreet, Wm. H., 165 S Pearl
Burton, Wm. H. Co., cor N Lansing & Center
Kurtz, John & Wend, 352 Central av
Stephens, Thomas & Sons, 277 Lark
ALBION—Mallory, C. M. (Mfr.)
ALLEGANY—Hall Bros.
ANTWERP—**BETHEL, JOHN G.**
ARCADE—Arcade Planing Mill Co.
ATTICA—Ballsmith & Pilgrim (Dealers)
AUBURN—Carr, Frank J. (Dealers)
Everts Hardware Co.
BARKER—Lum, L. C. (Dealer)
BATAVIA—Batavia & N. Y. Woodworking Co. (Mfrs.)
BATH—**BEEKMAN SASH, DOOR & Woodworking Co.**
BERGEN—Church, G. H. (Mfr.)
Stannard, C. A. (Mfr.)
BINGHAMTON—**BARTLETT & CO.** (Wholesale Mfrs.), 37 Collier
Ensign Lumber Co. (Dealers), Jarvis n E R R
Middlebrook, C. D. & Son, 226 State
Roberson, Alonzo & Son (Wholesale Mfrs.), 313 Chenango
BOONVILLE—Rice, C. F.
BREWSTER—Hubbell, Geo. B.
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Ash St. Planing Mill, 111 Ash
Baker & Co., 769 Clinton
Black & Co., 420 Auburn av
Boller, Chas. & Sons, c Chicago & Carroll
Builders' Planing Mill Co., 187 Michigan
Churchyard, Jos. J. (Mfrs.), 650 Clinton
Coulter & Elliott, 114 Lafayette av
Dohn, Fischer & Beyer, 1340 Niagara
Elias, G. & Bro., 965 Elk
Feist, John & Sons Co., 111 Ash
Flierl, Christian, 1356 Genesee
Hager, E. M. & Sons Co., 141 Elm
Henrich's, Wm. Sons, 193 Spring
Hogg, Wm., 257 Pearl
Iroquois Door Co., Exchange & Larkin
Jaeckle, Jacob, 915 Genesee

Koch, W. F., 121 Davey
Metz, Jos. & Sons, 292 Elm
Montgomery Door & Box Co., Court & Wilkeson
Reuling, Henry, 769 Clinton
Seneca St. Planing Mill, 920 Seneca
True & True Co., Chapin bldg
Whissell Lumber Co., 1079 Clinton
Zeis, M. & Sons, 200 Cherry
CANAJOHARIE—Smith, M. L. Lumber Co. (Dealers)
CANANDAIGUA—THOMPSON, GEO. T.
CANTON—Rushton, J. W. (Dealer)
CARTHAGE—Carthage Lumber Co.
Vrooman & Co.
CATSKILL—LAMPMAN, E. & SON, (Dealers)
CATTARAUGUS—RICH, FRED S. (Dealers)
CAZENOVIA—Thayer, T. W. Co. (Mfrs.)
CHAMPLAIN—Earl, Jno. (Dealer)
CHERRY VALLEY—WALES, ROBERT & Son (Dealers)
CLINTON—Cauldwell, G. J. (Dealer)
Coleman, E. G. (Dealer)
COBLESKILL—COURTIER, STANTON
COHOES—Breault, Medard
Griffin, A. J. & Son
COLD BROOK—Rhodes & Connor
COLLIERSVILLE—Fox, F. M.
CONSTABLEVILLE—Steam Mill Co.
COPENHAGEN—Cary, Jas.
CORNING—Drake & Co.
CORNWALL LANDING—Mead & Taft
CORTLAND—BENTON, H. F. LUMBER CO.
CROGHAN—Virkler, Emanuel (Dealer)
CROWN POINT—Bly, N. (Dealer)
CROWN POINT CENTRE—POND, J. E. & SON (Mfrs.)
DANSVILLE—Fisk Bros.
DEPOSIT—Kerr, F. M. (Dealer)
DEXTER—Bininger, Hy.
Leonard & Gilmore Co.
DUNKIRK—Atlas Builders' Supply Co. (Dealers)
O'Donnell, M. J. & Co.
Madigan & Co.
E. AURORA—PEEK, S. H. (Mfr. & Dealer)
EDMESTON—Ackerman, E. L.
ELLENVILLE—Bailey & Deyo
ELMIRA—Doane & Jones Lumber Co.
Fitch, Aldrich & Bush Co., 557 E Clinton
Spaulding, H. C. Co., E 5th & State
FALCONER—Chautauqua Planing Mill Co.
FREDONIA—Edmonds, R. (Mfrs.)
FRIENDSHIP—The Empire Sash & Door Co. (Wholesale Mfrs.)
FULTONVILLE—MOHAWK VALLEY LUMBER CO.
GENEVA—Moore, Daniel E.
Persons, S. F. & Co.
Rogers, R. J. Lumber Co.
Stein, Thos., 220 Pulteney
GLEN FALLS—KENDRICK & BROWN CO. (Mfrs.), 65 Glen
GLOVERSVILLE—Burr Bros.
HOLDEN, CHAS. J. (Dealer)
Holmes, R. E. (Dealer)
GOUVERNEUR—Carpenter, J. H. (Dealer)
Van Duzer, S. B. Mfg. Co. (Mfrs.)
GOWANDA—Forbush, D. B. (Mfr.)
GRANVILLE—Potter, Fred
GREEN ISLAND—CRAMPTON & BELDEN MFG. CO. (Wholesale)
GREENPORT—Corwin, C. L.
HAMBURG—Hamburg Planing Mill Co.
HAMMOND—Soper, Wm. (Mfr.)
HARRISVILLE—Weaver, W. W. (Mfr.)
HEMPSTEAD—Plyer, Wm. & Co.
HERKIMER—SNELL, C. R.
HICKSVILLE—Voight, C. H.
HOLLAND—Holland Planing Mill Co. (Mfrs.)
HOLLEY—Cole, N. L. (Dealers)
HOOSICK FALLS—EASTON, RISING & WORDEN (Dealers), 8 Hoosick
HORNELLSVILLE—McCONNELL MFG. CO.
HORSEHEADS—Tuttle, W. E. (Mfrs.)
HUDSON—TRAVER, W. H. & SON
HURLEYVILLE—Prince Bros. (Dealers)
ILION—RUSSELL, A. N. & SON (Mfrs)
ITHACA—Dixon & Robinson
Rumsey, C. J. & Co. (Dealers)
Small & Bucklin
Treman, King & Co. (Dealers)
JAMAICA—(See New York City, Borough of Queens
JAMESTOWN—Chautauqua Planing Mill Co.
Watson Mfg. Co. (Mfrs.)
Wilson, John T.
JOHNSTOWN—Stephenson, L. (Dealer)
Youngglove, James I.
KEESVILLE—Prescott, R. & Son
KINGSTON—Coutant, A. K., North c Strand
Mauterstock, Albert, 109 B'way
PALEN'S, HENRY W. SONS, St. James c Pine
Traphagen & Hull Mfg. Co., Bruyn av c Cornell
Turck, W. J. Co. (Dealers), 75 E Strand
Weeks, Theo., 70 Furnace
LANCASTER—Knauber, Mrs. M. A.
Oehm, E.
Weill, J. C.
LANSINGBURG—Madden Lumber Co.
LAWRENCE—Wood, John A. & Son
LEROY—Lapp, Jos.
ROGERS, F. C.
LIBERTY—Edmonds, Wm. F. (Dealer)
LITTLE FALLS—Little, Andrew (Dealer)
LIVINGSTON MANOR—Woolsey, P. H. Co.
LOCKPORT—Clifford, Jas. & Bro. (Dealers)
Heary & McGrath (Dealers)
Murphy Bros. (Dealers)
Whalen, Jos. (Dealer)
LONG ISLAND CITY—(See New York City, Borough of Queens
LYONS—Sloan Bros. (Dealers)
MALONE—Kelly, Jno.
MAMARONECK—Brewer, R. G.
MATTEAWAN—Forrestal, Jas. (Dealer)
MECHANICSVILLE—ORCUTT, J. B. & Co. (Wholesale Mfrs.)
MIDDLE GRANVILLE—ALLEN G. MYRON
MIDDLEPORT—Rowley & Eddy (Mfrs.)
MIDDLETOWN—Gordon & Gould (Dealers)
MILLERTON—Beers & Trafford
MONTICELLO—Allen, Wm. C.
Smith, Isaac O. (Dealer)
MOORES—Knapp, C. L. & Son (Mfrs.)
MOUNT KISCO—Turner, Jerry B.
Young, Halstead & Co.
MOUNT VERNON—Burton & Fenton
Cronenberg, L. & Sons
Hartman Bros. Mfg. Co.
Weiss, Charles H.
Willson & Adams Co.
NEWARK—Keener, S. N.
NEWBURGH—Newburgh Lumber Co. (Dealers), 215 B'way
Newburgh Planing Mill Co., c Johnes & S William
Wilkes, Frank G. & Co., 50 Front
NEW ROCHELLE—Mahlstedt, J. A. Lumber & Coal Co.
New Rochelle Coal & Lumber Co.

NEW YORK CITY

Borough of Brooklyn

BROOKLYN—Alyea, Wm., 77 Wallabout
Bayside Sash & Door Co., 763 3d av
Bossert, Louis & Son, Grand st & Newtown Creek
Brooklyn Fireproof Sash & Door Co., 26 Frost
Brooklyn Lumber Co. (Wholesale Dealers), 458 Hamilton av
Creveling, Jno. C. (Dealer), 3263 Atlantic av
Cropsey & Mitchell (Mfrs.), Cropsey av & Bay 35th
Cumming's, R. Sons, Junius c Pitkin av
Entenmann, A., 469 79th
Feldman & Weinstein, 675 Mhtn av
Gardner, David P., 49 Fleet pl
Gass, John H., 601 Sackett
Gerard, G. H. Son & Co., 257 Greenpoint av
Goldman & Parkin, 211 Watkins
Gorlin, A. & Co., 83 Wallabout
Hall, Wm. H., 1760 Fulton & 715 Herkimer
Hardy, Voorhees & Co., Met av & Newtown Creek
Hawkins, Geo. A., 1063 E 35th
Heinemann, Offenberg & Son, 77 Wallabout
Hitchings, Ben G., E 34th nr Av H
Keshin, Blitstein & Co., 250 Moore
Levin & Kronenberg, 1704 Pitkin av
Lindsley, Abt. B., 602 Degraw
Lippitt & McCormack, 8th c 2d av
Lockard & Blake, 371 Fulton
Loomis, G., Butler nr Nevins
Loomis, Jno. S. Co., Baltic & Nevins
McCadden, Michael, 537 18th
Macauley, C. R. (Dealer), 627 5th av
Mayer, Michael, 181 Moore
Meisel, Danowitz & Co. (Mfrs.), 55 Eckford
Morganthaler, Jacob, 278 Schermerhorn
Newton, Albro J., Co., 528 Union
Nolte, Wm. H. (est. of), 13 McKibbin
Orr, J. C. & Co., 45 Java
Pearson, H. Co., 77 Wallabout
Stanley & Unckles, 283 Butler
White, Potter & Paige Mfg. Co., 415 Willoughby av
White, Wm. H., 48 Walworth

Boroughs of Manhattan & Bronx

NEW YORK—Alfrind, Geo., 559 W 50th
Alignum Fireproof Co., 330 E 98th
Appel, Chas., 196 Elm
Batavia & N. Y. Wood Working Co., Fuller bldg
Bayer-Catton Co., 194 Lewis
Bird, W. D., 42 W 67th
Blanchard, J. F. Co., 949 B'way
Bolles Revolving Sash Co., 102 Chambers
Bronx Sash & Door Co., 4240 Park av
Burdick, Isaac N., 138 Wooster
Burlington Venetian Blind Co., 61 Park Row
Butterworth, Jos. E., 488 E 139th
Carl, John H., 514 1st av
Central Fireproof Door & Sash Co., 2650 Park av
Champion Fireproof Door Co., 271 Rider av
Chautauqua Planing Mill Co., 332 W 15th
Cole, G. N., 277 B'way
Columbia Kalameined Iron Clad Door Co., 92 William
Columbia Safety Door Co., 29 B'way
Eaton & Anderson, S Boul n Webmster av
Empire City Wood Working Co., B'way & W 131st
Essig Pivot Window Co., 1133 B'way
Finn, Chas. F., 211 Canal
Fireproof Sash & Door Co., 418 W 127th
Flexifold Door & Shutter Co., 135 5th av
Forbes, Jas. C., Classon av nr W Farms rd
Gaylord, Don A., 161 E 88th
Grau, Rubin, 205 Av D
Hampden Lumber Co. (of Springfield, Mass.; Mfrs.), 1123 B'way
Harlem River Lumber & Wood Working Co., E 138th & Gerard av
Hartman Bros. Mfg. Co., 1123 B'way
Haynes & Coryell, 1113 E 179th
Henderson, Wm., 1125 B'way
Hogan & Digenno, 49 E 135th
Howell & Lawrence, 402 E 93d
Howes, Clyde F., 4240 Park av
International Revolving Door Co., 524 E 134th
Jenkins, Theo. P., 20 E 42d
Johnson, Wm. N., 406 W 30th
Killough, Robt. & Co., 500 5th av
Kirchner, August, 157 E 128th
Kohart, Frank C., 21 Park Row
Lanzer, John, 13th & Av D, Unionport
Leslie, John, 158 Prince
Lyman, John T., 150 Nassau
McConnell Mfg. Co., 160 5th av
McLaughlin, John F., 148 E 49th
Marcus, J. Woodworking Co., Station pl nr Gun Hill rd, Williamsbridge
Marx & Jacobsen, 39 East
Miner, Jas. C., 1123 B'way
More, M. E. & Co., 489 5th av
Morrison & Phimister, 649 W 50th
Morstatt & Son, 227 W 29th
Mott Haven Trim Mill, 486 E 139th
Murray & Hill Co., 617 W 130th
Nesbit, D. M. Co., 116 Nassau
N. Y. Fire Proof Works, 39 East
Niagara Wood Working Co., 159 E 88th
O'Neill, Michael F., 476 E 139th
Palens', H. W. Sons, 1123 B'way
Penna. Door & Sash Co., 18 B'way
Pitt Balance Door Co., 111 5th av
Prudovsky, B., 812 5th
Purrington, Geo. F., 424 E 123d
Rattay, Jos., 1433 Av A
Ratzkin & Berman, 820 5th
Read, Charles, 406 W 30th
Reynolds, Chas. E., 620 W 55th
Richardson & Dutt, 789 3d av & 122 Elm
Rotary Door Co., 136 Liberty
Schaettler, F. (Estate of), 533 W 34th
Short, Thos. J., 278 9th av
Smith, Henry C., 618 W 148th
Smith, J. B., 217 W 125th
TABOR SASH CO., 160 5th av. (See adv. index, end of book)
Terrell, Isaac H., 261 W 27th
Thayer, T. W. & Co., 253 B'way
Tide Water Bldg. Co., 517 W 30th & 25 W 26th
Tide Water Trim & Door Co., 1947 B'way
Union Woodworking Co., 424 E 123d
VAN KANNEL REVOLVING DOOR Co., 524 E 134th, N. Y. (See adv. index, end of book)
Villaume, H., 1123 B'way
Voigtmann & Co., 12 Jones
Vought Bros., 112 W 42d
Wheeler, Osgood & Co., 68 Broad
White, Potter & Paige Mfg. Co., 26 W 24th
WILSON, JAS. G., 5 W 29th. (See adv. index, end of book)
Wright Lumber Co., 148 W 88th

Borough of Queens.

JAMAICA—Carpenter, Jno. R.
Hendrickson, Isaac C.
LONG ISLAND CITY—Hanson, Jas. & Sons, 81 B'way
Quinn, H. F. & Son (Dealers), 22 Hunter's Pt. av
OCEANUS—Crabbe, Chas.
OZONE PARK—**GILLESPIE, EARL A.**
METROPOLITAN—Reich, Val. E.

Borough of Richmond.

PORT RICHMOND—Mersereau A. B. & Son
PRINCE BAY—Graham, Jas.

(END OF NEW YORK CITY.)

NIAGARA FALLS—Blows & Co.
Haeberle, Mrs. Charlotte
STEINBRENNER, CARL
NORTH TONAWANDA—Charlton, J. & T. (Mfrs.)
Thompson, Hubman & Fisher (Mfrs.)
NORWICH—Scott, W. L. Lumber Co.
NORWOOD—Norwood Sash Door & Lumber Co.
NYACK—Gurnee, D.
OGDENSBURGH—Green, Landon A.
PROCTOR MFG. CO. (Mfrs.)
OLEAN—**GILLINGHAM & SON**
Moore, E. R.
Troy, Edw.
ONEIDA—Marcellus, Geo. A.
RUBY, R. B., 120 Madison (Wholesale)
ORWELL—Lattimer, W. H. & Sons
OSSINING—Terwilliger's, I. Son
Washburn & Todd
OYSTER BAY—Hendrickson, A. C. & E. N. Co. (Dealers)
OZONE PARK—(See New York City, Borough of Queens)
PATCHOGUE—**BAILEY, E. & SONS**
PATTERSON—Pendleton & Townsend (Mfrs.)
PEEKSKILL—Barker, Asbury (Dealer)
Brotherton, Wm. (Mfrs.)
Lamos, Chas. A.
PENN YAN—**PATTESON, W. M. (Mfrs.)**
PERRY—Andrus, David
PHOENIX—Phoenix Sliding Blind Co. (Blind Temoned Doors)
PLATTSBURGH—**HENRY, WOOD & MARSHALL** (Dealers)
Purdy, F. M.
Sowles Hardware Co. (Dealers)
PLEASANTVILLE—Cornell, S. W. (Dealer)
POLAND—Potter Bros. (Dealers)
PORT CHESTER—Slater, Chas. W. (Dealer)
PORT HENRY—**WALLACE, GEO. W.** (Dealer)
PORT JEFFERSON—**LOPER BROS.**
PORT JERVIS—Cogo, J. M. & Co., Orchard st
PORT RICHMOND—(See New York City, Borough of Richmond.)
POTTERSVILLE—Hicks, H. J.
POUGHKEEPSIE—Brooks & Co., 46 S Water
Lumb, Geo. W. & Son, 23 N Water
Lumb's, Levi Son, 55 Main
PRINCEBAY—(See New York City, Borough of Richmond.)
REDWOOD—Cook & Smith (Mfrs.)
RHINEBECK—**ACKERT & BROWN, 45** E Mkt. (Dealers)
RIVERHEAD—Lane Bros.
Skidmore, Chas.
ROCHESTER—Anderson, Wm., 9 Basin
Bantleon Bros. Co. (Mfrs.), 221 N Water
Chapman & Goetzman (Dealer), River & N Water
Crouch, C. T. & Son (Dealers), 99 West
Evans, Chas. P. (Dealer), 7 Hill
Grauwiler, Jno. J., 9 Basin
Ocorr & Rugg Co. (Mfrs.), N Union & N. Y. C. R. R.
Smith Sash & Door Co., 175 Exchange
Stalker, G. H. (Mfr.), Platt c Allen
Vogel & Binder Co. (Mfrs.), 320 St. Paul
ROME—Beach Lumber Co.
Comstock, E., c George & Adams
George, W. H. & Co. (Mfrs.)
RONDOUT—(See Kingston)
ROSLYN—Hicks, John D. & Co.
ST. JOHNSVILLE—Kneeskern, J. H. & Sons
SANDY CREEK—Skinkle, A. C.
SANDY HILL—Griffin Lumber Co. (Mfrs.)
KENYON LUMBER CO. (Dealers)
SARATOGA SPRINGS—Todd, E. R. (Dealer)
SCHENECTADY—Peckham, Wolf & Co.
Van Voast, Albert & Sons (Dealers), 37 John
SIDNEY—Clark, G. A. (Mfr.)
Silver, M. L. & Co. (Dealers)
SINCLAIRVILLE—Reed, R. & Co. (Dealers)
SKANEATELES—Bench, J. & Son (Dealers)
Shultz, J. L. & Co. (Dealers)
SUSPENSION BRIDGE—(See Niagara Falls)
SYRACUSE—Burhans, Black & Co. (Dealers), 136 N. Salina
Grant's, Alex. Sons (Dealers), 132 E Genesee
Kieffer Bros. (Dealers), 220 N Salina
Merriam Mfg. Co., 618 E Water
Wood Glass Co. (Dealers), 226 N Salina
TROY—Breault, Medard (Mfr.), 193 Ontario
Crampton & Belden Mfg. Co., Green Island
Marsh, Wm. H. & Co., Front & Fulton
Martin, Wm. E., Front nr Grand
TURIN—Hughes, Hugh
UTICA—Gibson, G. P. & Son (Dealers), 718 Genesee
Hollingsworth, Jos. (Dealer), ft of Division
Kellogg, Chas. C. & Sons Co., 40 Seneca
THOMAS', PHILIP SONS, south of W. S. R. R.
WALDEN—Dominick, D. C. (Dealer)
Hasbrouck & Sloan (Dealers)
WALTON—Stimpson, Edgar W. (Dealer)
WARRENSBURG—Pasco, D. E.
WATERLOO—Nugent & Co. (Dealers)
WATERTOWN—Case & Folsom (Mfrs.)
Charlebois, A. A.
Charlebois Bros.
Frost, John & Son (Dealers)
Roblin & Hotchkin
Sloat & Greenleaf Lumber Co.
White & Sullivan
WATERVLEIT—Young, J. T. (Mfr.)
WATKINS—Banks & Woodward (Dealers)
WEBSTER—Leake, S. S. (Mfr.)
O'Dell Bros.
W. NEWBRIGHTON—(See New York City, Borough of Richmond)
W. WINFIELD—**WEEKS, GEO. S.**
WHITEHALL—Wilson, F. J.
WHITE PLAINS—Clark, C. H. Co.
WHITESBORO—**DENTON & WATERBURY**
WILSON—Dwight, A. N. (Dealer)
YONKERS—Clark, Henry V.
Lawrence & Conkling
Mitchell, Saml. P. (Est. of)
Sherman, Jno.
YERKS & CO.

NORTH CAROLINA.

ASHEVILLE—Jones, Wm. M. (Mfr.)
Scott, Geo. F. & Co. (Dealers)
WESTALL, W. H. (Wholesale Mfr.)
CHARLOTTE—Carolina Mfg. Co. (Mfrs.)
Wearn, J. H. & Co. (Mfrs.)
Withers, B. F. (Dealer)
DURHAM—Mangum, F. R. & Co.
ELIZABETH CITY—Sharber & White (Dealers)
GASTONIA—Beale, J. B.
GREENSBORO—Cape Fear Mfg. Co. (Mfrs.)
Greensboro Lumber Co. (Mfrs.)
GREENVILLE—Greenville Mfg. Co. (Mfrs.)
HENDERSON—Watkins, Jno. B. (Mfr.)
HICKORY—Hickory Mfg. Co.
Hickory Novelty Works
HIGH POINT—Snow Lumber Co.
JONESBORO—Thomas, W. A. & Co.
LENOIR—Builders' Supply Co. (Dealers)
N. WILKESBORO—Wilkesborough Mfg. Co. (Mfrs.)
SALISBURY—Peacock Mfg. Co.
Rice, C. A. (Dealer)
THOMPSON, P. H.
SANFORD—**SANFORD SASH & BLIND Co.**
WILMINGTON—Divine, M. W. & Co.
Fore & Foster Planing Mill & Sash Blind Mfg. Co., 6th & Campbell
Jacobi, N. Hdw. Co. (Dealers)
WILSON—Simms, W. W. Co. (Dealers)
WINSTON—**MILLER BROS.**

NORTH DAKOTA.

FARGO—Bowers Bros. (Mfrs.)
Schlauser & Ostbye (Dealers)
GRAND FORKS—Robertson Lbr. Co. (Dealers)
St. Hilaire Lbr. Co. (Dealers)
Turner, Jas. & Sons (Mfrs.)
WAHPETON—McCulloch Lumber Co.

OHIO.

AKRON—Akron Lumber Co., 1027 S Main
Ewing, L. D., 121 Kirkwood
Frederick, U. G. Lumber Co., 213 Cherry
Hankey Lumber Co., 1036 S Main
Lyman Lumber Co., 896 S Main
McClellan, W. A., 305 Water
Summit Lumber & Bldg. Co., 120 W State
White Lumber Co., 212 River
Wilson, N. C. Lumber Co., 888 S Main
ALLIANCE—Stroup, L.
Weybrecht's, J. T. Sons
ARCANUM—Millenger, Jas. M.
ASHLAND—Myers, J. W. & Co.
Shearer, Kagey & Co.
ASHTABULA—**NEWELL, L. C.**
Smith, J. F. & Co.
BELLAIRE—**ANDERSON & McGREGOR**
Dubois & McCoy
BELLEFONTAINE—Dickinson, Mack & Co.
Lesourd, A. & Sons (Dealers)
BEREA—**HOLMES & JOHNSON (Dealers)**
BOWLING GREEN—Hankey Lumber Co.
BRIDGEPORT—**SCOTT LUMBER CO.**
BUCYRUS—Assenheimer, Jno. L. (Dealer)
Roehr C.
Vollrath, E. & O.
CADIZ—Long, E. M. & Sons (Wholesale Dealers)
CAMBRIDGE—Forney, C. W.
HOYLE & SCOTT
CANAL DOVER—Wentz, F. & Co. (Dealers)
CANTON—Bernover, Phil. J., 1206 S Cleveland
Holwick, King Lumber Co., 900 S Cleveland
WEAVER, JOS & SONS, 900 E 8th
Willis, Jno., 719 E 8th
CAREY—Snyder, W. H.
CELINA—Estry & Stephenson
CINCINNATI—Bosken & Brechelt, 3408 Warsaw av
Brethauer, G. J. Planing Mill Co., 2260 Bogen
Cincinnati Sash & Door Co., 526 Hunt
Dexter Lbr. Co., Montg'y av (Norwood)
Doppes, J. B. & Sons, 1244 Gest
Gilbert Ave. Planing Mills, 1130 Gilbert av
Griffith, Jas. & Sons, Reading rd & 12th
Maly Bros. (Ltd.), 717 Carr
Mayer, Wm. Co. (Mfrs.), 644 W 3d
Mills, Spellmire & Co., 652 W 3d
Morrison & Snodgrass Co. (Mfrs.), 519 Reading rd (Hunt)
Pease Co. (Wholesale Mfrs.), Fredonia av & C. L. & N. Ry.
Short, Chas. W., 259 Strader av
Weber, Fred. & Bro., 4011 Cherry
CLEVELAND—Bohm & Stuhr Lumber Co. (Dealers), 1849 B'way
Cleveland Lumber Co., 1690 Woodland av
Cleveland Reversible Window Co., Williamson bldg
Cleveland Window Glass Co. (Mfrs.), 232 to 240 Champlain
Diamond Glass Co., 201 Viaduct
Henderson, Fred L., Cham. of Com. bldg
Marquard Sash & Door Mfg. Co., 172 Canal
Nahuis, John, 181 Lake av
Nicola Bros. Co., New England bldg
Ohio Sash & Door Co., 375 Merwin
Potter, Teare & Co., 7 Carter
Saginaw Bay Co., 714 Seneca
Standard Sash & Door Co., 1200 Euclid av
Teachout, A. Co., 42 Michigan
Viaduct Turning & Mfg. Co., 43 Center
Wiggins, F. B., 148 Columbus
Williams Pivot Sash Co., 403 Arcade
Wood Sash, Door & Paint Co., 1296 Euclid av
COLLEGE CORNERS—Miller, Fred.
Stewart, John H. (Dealer)
COLUMBUS—Baumann, Ferd., 934 S 3d
Bergin, M. J. Lumber Co., c Spring & Water
Bleile, Jacob, Short av nr Maud
Central Supply & Construction Co., 306 N High
Clarke, G. W. & Co., 441 N Park
Columbus Lumber Co., 424 W Spring
Cones & Menefee, 450 W Broad
Doddington, E. & Co., 447 W Broad
Dundon, T. J. & Co., 162 W Spring
Earl, Andrew, c Water & Hickory
Hildreth & Martin Lumber Co., 157 W State
Knox, Jos. J. Lumber Co., 405 Cleveland av
Sager, A. C., cor Town & Belle
Schorr, J. H., Chase & St. Clair av
Snider, J. J. Lumber Co., Taylor av
South Side Lumber Co., 1929 S High
Taylor, Wm. M. Mantel & Grate Co., 26 S 3d
Teachout Sash, Door & Glass Co., 199 N Front
Zinn, J. H., Jr., 2556 N High

CRESTLINE—Ross, J. W.
CUYAHOGA FALLS—Bates, A. R. & Co. (Dealers)
DAYTON—Davies, S. W. (Dealer), 1013 E 5th
Dayton Lumber & Mfg. Co., c Clinton & Bacon
Gebhart, Alex. & Co. (Dealers), Wayne & Railroad
James Planing Mill, William & P. C. C. Ry.
Kuntz-Johnson Co. (Dealers), Mead n Perry
Requarth, F. A. Co., cor Sears & Monument
Rinderknecht, G. C. & Son, 362 E Huffman av
Rouzer, John Co., 73 S Wyandot
Schaeffer & Gengnagel (Dealers)
West Side Lumber Co., 1827 W 3d
DEFIANCE—Tenzer, H. B. Lbr. Co.
Tennyson, J. B. (Dealer)
DELAWARE—Clark & Buttenfield
DELPHOS—Ricker Harman & Sons
EAST LIVERPOOL—Hall Robert Lbr. Co. (Dealer)
Smith, J. T. Lumber Co. (Dealers)
ELYRIA—Elyria Lumber & Coal Co. (Dealers)
Parsch Lumber Co.
Persons Lumber & Coal Co. (Dealers)
EMPIRE—Stone's, James Sons (Dealers)
FINDLAY—Funk & Plotter
Neff, M. T.
Parker Bros.
FOSTORIA—Eureka Planing Mill & Lumber Co.
Koss & German Co.
FREMONT—Fremont Lumber Co.
Price Lbr. & Mfg. Co. (Mfrs.)
GALION—**GALION LUMBER CO.**
King, Joseph (Dealer)
GALLIPOLIS—Mullineux Bros.
GREENVILLE—Hart Mfg. Co. (Mfrs.)
Kuntz & Wright Lbr. Co. (Dealers)
HAMILTON—Bender, J. F. Bros. & Co.
Dingfelder, Wm. M. & Co., 2d & Sycamore
HARRISON—Bowles, R. D.
Hollowell, F. M.
Perrine, Attwood
HILLSBORO—Enterprise Planing Mill Co.
IRONTON—Hutsinpiller & Sheridan (Dealers)
IRONTON DOOR MFG. CO.
Snyder, Belcher & Co. (Dealers)
KENTON—**CALLAM, JOHN & CO.**
Robinson & Gage Lumber Co.
LANCASTER—Orrman, J. B. & Bros.
LEBANON—Monroe & Johnston
LEONARD—Snider, J. J. Lumber Co.
LEROY—Wright, G. C. & Son (Mfrs.)
LIMA—Ewing, J. J. (Dealer), 225 N Main
Jones, Thos. R. & Son (Dealers), 137 S Main
LISBON—Baker, F. G. (Mfr.)
LOCKLAND—Lockland Lumber Co.
LYONS, ALBERT E.
LORAIN—**LORAIN LUMBER & MFG. CO.**
MADISONVILLE—Madisonville Lumber Co.
MANSFIELD—**FORD, S. N. & CO.**
Mansfield Lumber Co.
MARIETTA—Theis, H. P.
MARION—Implement Mfg. Co.
MARION LUMBER & COAL CO.
MARYSVILLE—Robinson & Curry Co.
MASSILLON—Brown Lumber Co.
MECHANICSBURGH—Hoor, Jacob
MEDINA—Wood Co. (Dealers)
MIDDLETOWN—**CALDWELL & ISEMINger**
MT. GILEAD—Mt. Gilead Lumber Co.
MT. VERNON—Bogardus & Co. (Dealers)
Sanderson & McCreary (Dealers)
NAPOLEON—Thiesen & Hildred
NELSONVILLE—Krieg, M. A. & Co.
NEWARK—Jones, D. L. & Co.
Smith, P. & Sons Lbr. Co., 65 S 2d
NEW PHILADELPHIA—Nagley, John Lumber Co.
NEW RICHMOND—Friedman Lbr. Co.
NILES—Niles Lumber Co. (Dealers)
NORWALK—Bostwick-Godell Co. (Venetian Blinds Only)
Norwalk Lumber & Mfg. Co.
ORRVILLE—Orrville Planing Mill Co.
PAULDING—Finan, M. (Dealer)
PIQUA—**WRIGHT - KUNTZ LUMBER CO.** (Dealers)
Wood, C. L. (Dealer)
POMEROY—Genheimer, Jno. (Dealer)
PORTSMOUTH—Gilson, J. B. (Est. of)
RAVENNA—Baldwin Lumber & Coal Co.
SANDUSKY—Schoepfle Mfg. & Lumber Co.
SEVILLE—Frazier, M. E. (Dealer)
SHELBY—Brucker Lumber Co. (Dealers)
Wiggins, E. W. (Dealer)
SPRINGFIELD—Brain's Lumber Co. (Dealers) 85 East
James Lumber Co., 776 W Main
Lion Hardware Co. (Dealers), 80 E Main
Rawlins, Albert M. (Dealer), Lincoln av & Main
SPRINGFIELD PLANING MILL & LUMBER CO. (Mfrs), 335 W Columbia
STEUBENVILLE—Alexander, W. J. (Dealer)
McFeely Bros. (Mfrs.)
TIFFIN—Enterprise Mfg. Co. (Mfrs.)
Mathias, J. B.
TOLEDO—Ephardt & Co.
Frolich, Edward Glass Co., Adams & Water
Goodsell Mfg. Co. (Mfrs.), 561 Erie
Goulet & Co., 125 S St. Clair
Hauser, Martin, 412 Huron
Maclaren & Sprague Lumber Co.
Peter, William (Est. of), 197 St. Clair
Schroeder, C. H. Co. (Mfrs.), c S Erie & Kraus
Wason, H. C. & Co., 3060 Monroe
Western Mfg. Co. (Mfrs.), Water & Vine
Witker Mfg. Co. (Mfrs.), Jackson c Water
TROY—Francis-Clemm & Co.
UPPER SANDUSKY—Shealy & Stephan
URBANA—Hubbell, H. M. (Dealer)
VERMILLION—Bachman, Conrad
WARREN—Warren Mfg. Co.
Western Reserve Lumber Co.
WAUSEON—**BRINGHAM, C. E.**
WESTON—Oswald Bros.
WILKESVILLE—Strong, H. B.
WILLOUGHBY—Jenkins, Chas. C. (Dealers)
WILMINGTON—**FISHER MFG. & FUEL** Shepherd & Son CO.
WOOSTER—Curry, D. C. Lbr. Co.
XENIA—McDowell & Torrence Lumber Co. (Dealers)
YOUNGSTOWN—Dingeldy, Geo. H. (est.), 35 Basin
Heller Bros. Co., 346 S Phelps
Hoffman, Frederick, 436 W Federal
Huffman Bros., c Federal & Reserve
Youngstown Lumber Co., 726 Mahoning av
ZANESVILLE—Curtis & Co., 25 8th
Drake, Thos. Lumber Co., Lee & Amelia
Herdman Sash, Door & Lumber Co. (Mfrs.)

OKLAHOMA TERRITORY

OKLAHOMA—Curtis & Gartside Co. (Dealers)
Oklahoma Sash & Door Co.

OREGON.

BAKER CITY—Bennett & Son (Mfrs.)
Shockley & McMurren Lumber Co.
CANYON CITY—Southworth, W. S. (Mfr.)
DALLAS—**COAD, F. J. (Mfr.)**
EUGENE—Midgley, George
GRANT'S PASS—Williams Bros. (Mfrs.)
INDEPENDENCE—Bohannon, John S. (Mfr.)
Jasperson, H. H.
M'MINNVILLE—**JONES & ADAMS (Mfrs.)**
MARSHFIELD—Dean Lumber Co.
MYRTLE POINT—Huling, Lundy & Son (Dealers)
NEWBERG—Heacock & Sons (Mfrs.)
ONTARIO—Adam, L. (Dealer)
PENDLETON—Forster, Robert (Mfr.)
PORTLAND—Ainslie, Geo. & Co. (Mfrs.), Pettygrove c 15th
Beach, F. E. & Co. (Dealers), 135 1st
Day Lumber Co., Oregonian bldg
Fisher, Thorsen & Co. (Dealers), 160 Front
Nicolai Bros. Co. (Mfrs.), 66 2d, N.
North Pacific Planing Mill Co. (Mfrs.), Thurman N W c 22d
Northwest Door Co., River c Albina av
Oregon Sash & Door Co. (Wholesale Mfrs.), 17th c Vaughn
SALEM—Brown & Lehman (Mfrs.)
Stout, Jno. (Mfr.)
SCIO—Johnston, H. S. & Co. (Mfrs.)
THE DALLES—Peters, Joseph T. & Co. (Dealers)
WASCO—Barnett, W. M.

PENNSYLVANIA.

ALLEGHENY—Hays, Sefton & Co., 2050 Chartiers
Langenheim & Cochran, 1221 Penna. av
Little, Sam'l J. Planing Mill Co., Ltd. (Mfrs.), 1106 Rebecca
Meess & Vaelp, Rickenback c Unity
Munn Lumber Co., 219 Lacock
Schwerd, A. F., 145 McClure av
Simon's, M. Sons, Robinson & Anderson
Willey Bros., 507 W Lacock
ALLENTOWN Butz, Fredk. & Co., c Hall & Maple
Kern & Bro., Oak & Wood
Ritter & Smith, 140 S 3d
Weil, F. W. Co., 1031 Linden
ALTOONA—Bucher, Adam, 7th av c 4th
Elder & Cassidy
Orr, J. C. & Son (Dealers)
ARDMORE—Smedley & Mehl
ASHLAND—Bright, H. F. (Wholesale Mfr.)
ATHENS—Athens Lumber Co.
BANGOR—Bangor Lumber & Mfg. Co.
Wise, F. S.
BEAVER FALLS—Beaver Falls Planing Mill Co.
Commercial Sash & Door Co. (Wholesale Mfrs.)
Mitchell, J. S. & Sons
BEDFORD—Arnold, W. S.
BELLE VERNON—Belle Vernon Saw & Planing Mill Co.
BENNETT—Bennett Lbr. & Mfg. Co.
BENTON—Smith, R. T. & Son
BETHLEHEM—Brown-Borhek Lumber & Coal Co., Ltd. (Dealers), W. B. Smith & Clewell (Mfrs.), W. B.
BIRDSBORO—Slipp, John W. (Dealer)
BLOOMSBURG—Creasy & Wells
BRADDOCK—Braddock Union Planing Mill Co.
Dowler, Eli R.
Price & Alman
BRADFORD—Kent, P. A. (Dealer)
Miller, A. & Sons Lumber Co. (Dealers)
Morrison & Co. (Dealers)
Tuna Mfg. Co.
BRISTOL—Pierce & Williams
BROOKVILLE—Anderson, Sol.
Hall & Lucas
VAN LEER BROS.
BUTLER—Purvis, S. G. & Co. (Mfrs.)
Wick, L. C.
Wick, W. S.
CARBONDALE—Mills, F. W. & Co.
Tiffany, A. E. (Dealer)
CARLISLE—Beeten Lbr. & Mfg. Co.
CATASAUQUA—Wint, F. W. Co. (Ltd.)
CATAWISSA—Harder, C. W.
CHESTER—Chester Lumber & Coal Co. (Dealers)
Glauser, Stacy G. & Son (Dealers)
Hamilton, John
Stevenson Co. (Dealers)
Wood, L. N. & Bro. (Dealers)
CHRISTIANA—Davis, Harry
COALPORT—Stevens, V.
COATESVILLE—Doan, J. E.
COLUMBIA—Forry, John D.
CONNELLSVILLE—Fayette Lumber Co. (Dealers)
CONSHOHOCKEN—Jones, Wm. Potts (Dealer)
Miller, A. L. & Co. (Mfrs.)
COWANESQUE—Sherman, Eugene
DALTON—**FRANCIS & DEAN**
DANVILLE—Reifsnyder, G. F.
Trumbower & Werkheiser
DARBY—**GOTSHALL & MORGAN**
DORRANCETON—Seward, D. & Son
DOYLESTOWN—**BUCHMAN, E. H. & CO.**
Rotzell & Raike (Dealers)
DU BOIS—Moulthrop Bros. (Dealers)
Pifer, Hess & Co. (Mfrs.)
Prothero, F. W. (Dealer)
DUSHORE—Barth, L. M. (Mfr.)
EASTON—**ZEARFOSS-HILLIARD LBR. Co.** (Dealers)
ELIZABETHVILLE—Buffington, I. T. (Mfr.)
EMLENTON—Sloan, U. (Mfr.)
EPHRATA—Kellenberger, G. H.
ERIE—Althorf Bros., c 11th & French
Carroll, Geo. & Bro. Co., ft French
Constable Bros. Co., 5th & Sassafras
Deming Bros., E 21st & R. R.
Felheim, Lyman, 16th & State
Gunnison Bros., 223 E. 22d
Johnson, Jas. D. & Co., 19th & Parade
Penna. Door & Sash Co.
Schlosser, David & Sons, 14th & French
Schroeck, Adolph, 906 E. 11th
Shenk, Henry Co., 12th & Sassafras
EVERETT—**COTTAGE PLANING MILL**
FALLSTON—**BURNS, H. M.** CO.
FRANKLIN—**HULIN, H. D. & BRO., 11th & Elm**
Ramsdale, G. H., 12th & Eagle
GETTYSBURG—Stallsmith, Geo. W. (Mfr.)
GLEN ROCK—Glen Mfg. Co. (Mfrs.)
GREENVILLE—Heilman Bros.
HALLSTEAD—**ROOSA, E. H. B. (Dealer)**
HANOVER—**MOUL, C. & CO. (Mfrs.)**
Rohrbaugh, Jno. F. (Mfr.)
HARRISBURG—Boas, D. D. (Est. of)
HAZLETON—Frederick, S. Y. (Dealers)
Hazleton Mfg. Co.
HICKORY—McPeak, W. H.
HOMESTEAD—Feath & Kerr
Gordon & Co. (Dealers)
Hall, G. M. Co.
Miller, August (Dealer)

HONESDALE—Dodge & Erk
Watts, Graham
HUNTINGDON—Juniata Planing Mill Co.
INDIANA—**HASTINGS, JOHN S.**
JEANETTE—Jeanette Planing Mill Co.
JOHNSTOWN—Ott, D. & Co.
Rose, W. J. & Sons
Saly & Lucas
Walters, John W.
KINGSTON—Kingston Lumber Co.
Roat, A. J. (Dealer)
KITTANNING—Claypool, J. S. Lumber Co. (Dealers)
HEILMAN BROS.
KNOXVILLE—**EDGECOMB, I. M. SONS**
LAMBERTSVILLE—Lambert, Jas.
LANCASTER—Lancaster Planing Mill Co.
Wohlsens, Wm. & Son, 417 N Mulberry
LANESDALE—Bardo, Wm. M. (Mfr.)
Godshalk, Chas. D.
LATROBE—Anderson, Geo. C. & Sons (Inc.)
Kuhn, A. L. (Dealer)
Toner & Baker (Dealers)
LEBANON—Fox & Graeff
MILLER BROS.
Reinoehl Lumber Co.
LEHIGHTON—Lehighton Lbr. Co.
Miller, Henry
LEWISBURGH—Nesbit, D. M. Co. (Wholesale Mfrs.)
LOCK HAVEN—Hipple's Estate (Mfrs.)
McKEESPORT—Reynolds Lumber Co. (Dealers)
MANSFIELD—**DOANE, EDW. & CO.**
MARIETTA—Cassal, A. N. & Son
MAUCH CHUNK—Neast, Chas. & Co.
CO. (Dealers)
MEADVILLE—**CUTTER, G. H. LUMBER** CO. (Dealers)
Harper, Walter G. Lumber Co. (Dealers)
Smith, L. F. Lumber Co. (Dealers)
MEDIA—Sloan, J. H.
MERCER—Filson, A. B. & Son (Dealer)
Mercer Milling & Lumber Co., Ltd. (and Dealers)
Zahnister, M. C. (Dealer)
MIFFLINBURGH—**MILLER, ENOCH**
MILLERSBURGH—Douden, A.
MILTON—**CLINGER, D. (Mfrs.)**
Fetter, Jacob (Mfrs.)
MONONGAHELA CITY—Stephens Bros.
MONTGOMERY—Montgomery Door & Sash Co.
MOSCOW—Van Brunt, C. P.
MOUNT CARMEL—Geiger, Gibson & Co. (Mfrs.)
MOUNT PLEASANT—Husband Lumber Co.
NEW BETHLEHEM—**ANDREW'S, C. E.** LUMBER CO.
NEW BRIGHTON—McDaniel, R. B. Co.
Martsolf Bros.
NEW CASTLE—Balph, McFarland & Co.
Lawrence County Lumber Co. (Mfrs.)
Marshall Bros. (Dealers)
New Castle Lumber & Construction Co.
NEWTOWN—Watson, A. W. & W. M.
NICHOLSON—**BACON, E. L. (Dealers)**
Rought, G. G.
NORRISTOWN—Grater-Bodey Co., Inc. (Mfrs.)
N. WALES—Shearer, A. K. & Son (Dealers)
Weber, O. M. & Son (Mfrs.)
OIL CITY—Caldwell & Borland Co.
Earp & Kelley Lumber Co. (Dealers)
United Lumber & Coal Co., Ltd. (Dealers)
PALMYRA—Erb, Wm. H.
PARKESBURGH—Reid, Adam P.
PEN ARGYLE—**FITZGERALD, SPEER**
Scheffler, P. W. (Dealer) & CO. (Mfrs.)
PENNSBURG—Pennsburg Mfg. Co. (Mfrs.)
PHILADELPHIA—Adams, Danl., 2928 N Marshall
Alcott-Ross Co. (Mfrs.), 2917 N Broad
Allen, W. S., 14 S Broad
Berger, Gustav, 2527 N Bodine
Christian & Sweger, 4044 Gtn. av
Eureka Planing Mill, 1021 Susq. av
Felin, Chas. F., York av c Butler
Fite & Arbelo Co., 20th & Glenwood av
Gerry, F. R. Co., 1835 Market
Gibson, W. E., 3521 Market
Hall Bros. & Wood, Lancaster av & 54th
Haney-White Co., 2730 N Broad
Hoffman Sash & Door Co. (Mfrs.), 1414 Wood
Kane Sliding Blind Co., 24 S 7th
Keely, S. S. & Sons, Main c Umbria, Myk.
Kyle, Geo., Island rd c Grays av
Mershon, Schuette, Parker & Co., Real Estate Trust bldg
Nicetown Saw & Planing Mill, 4044 Germantown av
Parker, John & Son, 16th c Fitzwater
Penna. Sash & Door Co., 2508 Callowhill
Rimby, A. (Dealer), 900 Oxford
Swenk, Benson & Co. (Ltd.), 2317 Cherry
Underwood, Wm. J. & Co., Ktn. av c Womrath, Fkd.
Van Kannel Revolving Door Co., North American bldg
Watson & Robinson, 49 Queen, Gtn.
Wilt, A. & Son, 711 N Front
PHILIPSBURG—Murray Lumber Co. (Mfrs.)
PHOENIXVILLE—Keely, Wm. P. (Mfrs.)
PICTURE ROCKS—Fry Bros. (Mfrs.)
PITTSBURG—Commercial Sash & Door Co., Liberty av & 33d
Dubarry, G. D. & Co., 41st & A. V. R. R.
Eiler Lumber & Mill Co., S 23d & Fox
Gallagher, J. W. Lumber & Planing Mill Co., 48 Water
Gearing, H. C., 2000 Sidney
Hill, Jas. B., Jr., 6818 Thomas
Iron City Planing Mill & Lumber Co. (Mfrs.), 35th & Smallman
Johnston, Jas. A., Beitler nr Shakespeare
Little, H. C., Times bldg
Miller, Wm. & Sons (Mfrs.), Frick bldg
Munhall, R. J. Lbr. Co., 41 So 22d
Pittsburg Door & Sash Co., 246 3d av
Penna. Door & Sash Co. (Wholesale Mfrs.), 906 2d av
Schuette, Wm. & Co., Ferguson blk
PITTSTON—Dershiner & Griffin
PATTERSON, J. E. & CO.
POTTSTOWN—Healy, Jos. A. & Bro. (Dealers)
POTTSVILLE—Ryon, Jno. P. (Dealer)
Sailor Planing Mill & Lbr. Co.
Wertley, Walter
QUAKERTOWN—Stonebeck, H. W.
READING—Rummell, H. F. L.
RICEVILLE—Westate, Arthur & Son
RIDGWAY—**HYDE, MURPHY & CO.** (Wholesale Mfrs.)
ROCHESTER—Miller, Wm. & Sons Co.
ROCKWOOD—Crowall, J. P.
ST. MARY'S—Schautt Bros.
SAYRE—Sayre Moulding Co.
SCRANTON—Ansley Lumber Mfg. Co., 801 Scranton
Benore, John, 706 Scranton
Mulherin & Judge Lumber Co. (Dealers), 1401 Remgtn av
Peck-Lumber Mfg. Co., 101 E Market
Spruks Bros. (Dealers), 519 Alder
Washburn, Williams & Co., 119 Merdn
Woolsey, J. B. & Co. (Dealers), 312 Forest
SHARON—South Sharon Lumber Co. (Dealers), S Sharon
WALLIS & CARLEY
SHARPSBURGH—Saint, W. J. T.
SHENANDOAH—Glenn & O'Hearn
SOUDERTON—**HEMSING & SON (Mfrs.)**
STEELTON—Steelton Planing Mill Co.
SUNBURY—Simpson, Geo. (Mfr.)
TAMAQUA—Weaver, Dan'l & Son
TAYLOR—Taylor & Tubbs (Dealers)
Ward, C. F. (Dealer)
THURLOW—Wood, L. N. & Bro.
TITUSVILLE—**HALE, W. J.**
Reuting, D. F.
TROY—Case, Chas. J.
TYRONE—Beyer, F. D. & Co.
McCaant, A. H.
UNIONTOWN—Hustead, J. F. & Co.
WARREN—Newmaker & Reed (Mfrs.)
Rogers Lbr. Co. (Mfrs.), Glade Run
Wetmore, L. D. Co.
WASHINGTON—Forgie, Wm. (Dealer)
Sharp, Z. D.
Swart & Bailey (Dealers)
WALKER & SLATER
WATSONTOWN—Breon Table Co.
WATSONTOWN DOOR & SASH CO. (Mfrs.)
WATTSBURGH—Tracy, E. C.
WAYNESBURG—Funk, J. M.
WEST CHESTER—**BLACK, S. C.**
WEST NEWTON—Finley & Campbell
Scholl, M. F.
WEST POINT—Frederick, Benj. F. (Dealer)
WILKESBARRE—Lee, Conrad, Canal & North
Shepherd, W. H. & Sons (Mfrs.), c Main & Dana
Silvius, Geo. D., 26 Baltimore
WILKINSBURG—Young, W. F. Co.
WILLIAMSPORT—Brown, Clark & Howe
Crooks, W. D. (Mfr.)
Diamond Wall Cement Co. (Dealers)
McGraw Bros. Co.
Overhiser & Co.
WILLIAMSPORT PLANING MILL Wood Working & Stair Bldg. Co. CO.
WRIGHTSVILLE—Weller, R. H.
YORK—Beitzel, Jacob
Billmeyer & Small Co.
Fallon, J. C.
Gilbert, Geo. O.
Noss, Herman & Sons
Oermann & Blaebaum
Seacrist's, Jacob Sons

RHODE ISLAND.

BRISTOL—Wardwell Lumber Co. (Dealers)
HOPE VALLEY—**LANGWORTHY, B. P.**
NEWPORT—Bosworth, Smith & Co.
PAWTUCKET—**COTTRELL, JOHN T. CO.**
PAWTUCKET SASH & BLIND CO., (Dealers), 24 Mason
Tingley, Frank E. (Dealer), c Broad & Olive
PROVIDENCE—Arnold, Wm. E. (Dealer), 326 Dean
Dodge, J. C. & Son, 530 S Main
Evans, H. R. & Son (Mfrs.), 8 Mathewson
Harris, Wm. M., Jr. (Dealer), 546 Atwells av
Learned, A. C. J. & Co. (Mfrs.), 5 Charles
McGowan, Jas. & Co. (Dealers), 14 Exchange pl
Perkins Bros (Mfrs.), 970 Westminster
Providence Sash & Blind Co. (Mfrs.)
Smith, E. E. & Co. (Mfrs.)
Tingley, Frank E. (Dealer), Tingley blk
Vaughan, L. & Co. (Mfrs.)
WESTERLY—Babcox & Wilcox
MAXSON & CO.
Sherman, R. A. & Sons
WOONSOCKET—City Lumber Co., 213 River
ROBINSON, A. M,

SOUTH CAROLINA.

ANDERSON—Barton, J. E.
Townsend, H. C.
BEAUFORT—Christensen, N.
CHARLESTON—Charleston Door, Sash & Lumber Co. (Mfrs.)
Hacker, Geo. S. & Sons, 544 King
Wetherhorn & Fischer (Mfrs.)
CHERAW—Cheraw Door & Sash Co.
COLUMBIA—**BROWN, C. O. & BRO.** (Dealers)
Shand Builders' Supply Co. (Dealers)
Thomas, H. Co. (Dealers)
FERGUSON—Santee River Cypress Lumber Co.
GREENVILLE—Gower Supply Co. (Dealers)
Morgan & Austin (Dealers)
PROSPERITY—Wheeler, D. H.
SPARTANBURG—Pearson, J. H. (Dealer)
SUMTER—Brunson, J. E. (Dealer)
VARNVILLE—Ginn, E. R.

SOUTH DAKOTA.

DEADWOOD—Fish & Hunter Co.
Stearns Co. (Dealers)
MADISON—Colman, C. L. Lbr. Co.
MITCHELL—Burns, Robt. Lumber Co. (Dealers)
Davis & Daniels (Dealer)
SIOUX FALLS—Ross, H. W. Lumber Co. (Dealers)
Sioux Falls Lumber Co.
Tuthill, J. W. Lumber Co. (Mfrs.)
STURGIS—Anderson, H. O. & Son
GRAMS, WM.
Voorhees, S. T.

TENNESSEE.

BRISTOL—McCrary, Saml. L.
CHATTANOOGA—**CENTRAL MFG. CO.** (Mfrs.)
Chattanooga Lumber Co., John c N. C. & St. L. Ry.
East Tennessee Lumber Mfg. Co., Harrison av & E. T. V. & G. R. R.
Fritts & Wiehl (Dealers), 615 Market
Loomis & Hart Mfg. Co., 719 E 9th
Magill Hardware Co., 729 Market
CLARKSVILLE—Smith F. L.
FAYETTEVILLE—**WAGGONER, J. L.**
Williams-Hass Lumber Co.
GALLATIN—Simpson, S. R. & Son
GREENEVILLE—Adams, T. T. (Dealer)
GREENFIELD—Dudley, J. W.
HARRIMAN—Flanders Mfg. Co.
Watts, J. H. (Dealer)
HUMBOLDT—Campbell, J. E.
JERRELL, B. C. & CO. (Dealers)
KNOXVILLE—Atkin, C. B., 76 Gay
Cooley & Son
Rose, D. M. & Co. (Mfrs.)
MEMPHIS—Central Lbr. Co., 815 Vance
Cole Mfg. Co. (Wholesale Mfrs.), 27 Hernando

Darnell, I. M. & Son Co., McLemore & Y. M. V. R. R.
De Soto Lumber & Mfg. Co., Planters' Ins. bldg
Friedel, P. R. & Co. (Mfrs.), 163 Gayoso
Jordan, J. P. & Co., 358 2d
Moore & McFerren, Henry & Wolf River
Southern Lumber Co., 815 Vance
Tennessee Lumber Co., 41 Madison
Williams & Co., 371 2d
MORRISTOWN—EAST TENN. WOOD Working Co.
NASHVILLE—Beasley & Sons, 303 Church
Cohn & Goldberg (Dealers), 109 S Summer
Davidson-Benedict Co. (Wholesale Mfrs.), 4th & Cumberland
De Hart, I. N. & Son, 1300 Church
McCullough, Jas. W., 701 Line
McGinnis & Co., Fatherland & Cumberland
Moore G. & Sons, 523 S Spruce River
Norvell & Wallace (Dealers), 601 Broad
Riddle Co. (Dealers), 324 Broad
Warren Bros. Co. (Dealers), 200 N College
PAPERVILLE—Nutty, J. A. & Son

TEXAS.

ALBANY—**ROCKWELL BROS. & CO.**
AUSTIN—Calcasieu Lumber Co., 311 W 2d
Haldeman & Co., 118 Congress
Nalle & Co., 609 E 6th
BEAUMONT—Georgs, C. W. Mfg. Co. (Mfrs.)
CLARKSVILLE—Clarksville Lbr. Co. (Dealers)
CLEBURNE—Conway-Leeper Co.
COLORADO—**BURTON-LINGO CO.**
Roe, A. J.
CORPUS CHRISTI—Sidbury, E. D.
DALLAS—Campbell, J. I. & L. W., Magnolia c Caruth
Conkling Planing Mill Co., c Pacific av & Olive
Elliott, J. T. (Dealer), 1341 Elm
Griffiths & Co. (Dealers), 139 N Lamar
Illingsworth, W., 244 Cochran
Mayfield, J. S. Lumber Co., c Ross av & Magnolia
DEL RIO—Price, J. A.
DENISON—Brownbridge, J.
Lingo-Leeper Lumber Co. (Dealers)
DUBLIN—Smith, H. A. & Co. (Dealers)
Spencer, R. B. (Dealer)
EL PASO—Bassett, O. T. & Co. (Inc.)
Burton, Lingo & Co.
FLATONIA—Cockrill, Milton
Eidelbach, A.
FORT WORTH—Armstrong, J. H. & Co.
Brown, R. L. (Mfr.) (Dealers)
Buckley Planing Mill (Mfrs.)
Burton-Lingo Co. (Dealers)
Cameron, Wm. & Co. (Dealers)
Connelly, P. J. (Mfr.)
Darnell Lumber Co. (Dealers)
Enterprise Planin Mill (Mfrs.)
Lusher & Rockett (Mfrs.)
Owens, C. W. Lumber Co.
Quarles, J. E. Lumber Co.
Ripy & Irwin
Roe, A. J. (Dealer)
Smith, Cicero Lumber Co. (Dealers)
Tims, Bowden (Dealer)
Wapled-Painter Co.
GALVESTON—Darlington-Miller Lbr. Co., 3001 Mechanic
Devlin, Harry, Av H & 30th
Hildenbrand. C. F. Co., 2602 Church
Hoo Hoo Planing Mill Co., 31st & Church
Moore & Goodman, 2827 Mechanic
Sachs, Hugo, 2507 Mechanic
Schadt, Wm., 2801 Mechanic
Smith, J. F. & Bro., 2315 Strand
Wilson, D. M. & Co., 3428 Av N
GALLETTSVILLE—**HILL, T. A. & SON**
HOUSTON—Bering Mfg. Co. (Wholesale Mfrs.)
Burton Lumber Co. (Dealers)
Central Lumber Co. (Dealers)
Harrell, Ed. H. Lumber Co. (Dealers)
House, Henry (Mfr.)
Houston Co-Operative Mfg. Co. (Mfrs.)
Jageman, H. N. (Dealer)
Jones, Jesse H. & Co. (Dealers)
Masterson & Rogers
Rice, Allen Waples Co.
South Texas Lumber Co. (Dealers)
Ware, Wm. & Co.
KERRVILLE—Remschell, Henry
LAREDO—Pfeuffer, Geo. & Co.
MARSHALL—Sloan Lumber Co.
NAVASOTA—**YOUENS, J. & CO.**
ORANGE—**MILLER, L.**
PITTSBURG—Robinson, J. E.
SAN ANTONIO—Beitel Lumber Co. (Dealers)
Hans, E.
Steves, Ed. & Sons
West End Lbr. Co. (Dealers)
SAN MARCOS—Mead, C. G.
SHERMAN—Fielder, A. A. Lbr. Co. (Dealers)
Lyon, O. T. & Son (Dealers)
Wilson, J. B. & Co. (Dealers)
Wylie, Wm. T. (Dealer)
SWEET WATER—WILKIRSON, O. L. (Dealer)
TAYLOR—Thompson, J. A.
TERRELL—Wroten Grain & Lumber Co.
TEXARKANA—Hoffman Hdw. Co. (Dealers)
VICTORIA—Bailey Mills Co.
WACO—Brazleton & Johnson (Wholesale)
Cameron, Wm. & Co. (Wholesale Mfrs.), 216 S 8th
WAXAHACHIE—Timmons, H. D. & Son
WILLS POINT—Matthews, N. A. Lbr. Co.

UTAH.

OGDEN—Belknap, H. (Dealer)
ECCLES LUMBER CO., 154 24th
Humphries, C. J., 202 21st
Utah & Oregon Lbr. Co. (Dealers)
PROVO CITY—Ward, E. J. & Sons (Mfrs.)
SALT LAKE CITY—Asper, Noall & Co., 151 W North Temple
Commercial Mill & Building Co., 141 3d, W
Felt, Geo. F. Lumber Co., c State & 8th, S
Morrison, Merrill & Co., 241 N 3d, W
Smith, T. H., 209 S W Temple
Stewart, J. J., 205 S W Temple

VERMONT.

ARLINGTON—Lathrop, E. M.
BARTON—Drew, G. A.
BELLOWS FALLS—Ramsay, R. H.
BENNINGTON—Bingham, Jos. B.
BRANDON—Gipson, H. M. (Dealer) (Mfrs.), 55 Frost
BRATTLESBORO—**HOLDEN & MARTIN**
Mellen, J. E. (Dealer)
Robbins & Cowles (Dealers)
BURLINGTON—Booth, J. R.
Burlington Venetian Blind Co.
Champlain Mfg. Co. (Wholesale Mfrs.)
MASON & CO.
Morgan Bros.
Spear Bros.
DERBY—Albee, A. J. (Mfrs.)
ENOSBURG FALLS—Manley, A. H. (Mfr.)
HARTLAND—Martin, A. A.
Martin, F. P.
MIDDLEBURY—Rogers & Wells
MONTPELIER—Abbott & Bailey
Brooks, Jno. V.
NEWPORT—White, A. J. & Son
RANDOLPH—Emerson, E. F. Co. (Mfrs.)
RICHFORD—Impey, W. M.
Sweat-Comings Co.
RUTLAND—Chaffee, F. Sons (Dealers), 321 West
Noyes, H. F. (Dealer), 127 State
ST. JOHNSBURY—**BRAGG, ALFRED L.**
Caldbeck, M. J. & Son (Dealer)
STOWE—Straw, John
SWANTON—Prouty, E. M. (Dealer)
VERGENNES—Cotey, L. C. & Son (Mfrs.)
Vergennes Mfg. Co. (Mfrs.)
WEST DANVILLE—**MERRILL, GEO. & SON**
WOODSTOCK—**SAYWARD, C. W.**

VIRGINIA.

ALEXANDRIA—Aitcheson & Bro.
Smoot & Co.
BLACKSTONE—**BLACKSTONE MFG. CO.** (Mfrs.)
CHARLOTTESVILLE—Charlottesville Lumber Co.
King Lbr. Co.
DANVILLE—Anderson, R. I. Co.
Danville Lbr. & Mfg. Co. (Mfrs.)
Heidelbach & Penn (Mfrs.)
HAMPTON—**HAMPTON SASH & DOOR** MFG. CO.
Heffelfinger, Jacob (Dealer)
HARRISONBURG—**BUCHER, WM. M. & SON**
LYNCHBURG—**ADAMS-MONROE MFG. CO.**
Hutter, C. S. (Dealer)
Ross, E. E.
Taylor, W. O. (Dealer)
MANCHESTER—Woodward & Son (Dealers)
NEWPORT NEWS—James River Lumber & Supply Co. (Dealers)
Jones, D. S. Lumber & Mfg. Co. (Mfrs.)
Poarch & Co. (Dealers)
Richardson, R. E. (Dealer)
Weaver Bros. (Dealers)
NORFOLK—Clark, Frank T. Co. (Ltd.) (Dealers)
NASH, C, A. & SON
Norfolk Sash & Door Co.
Watkins, E. A. & Bros. (Dealers)
White Hardware Co. (Dealers)
Wilkins, Jno. F. Woodworking Corporation
PETERSBURG—Hargrave, W. T.
Jefferson, T. J. (Dealers)
Marks, L. L. Lbr. & Supply Co. (Dealers)
PORTSMOUTH—Hart & Watts (Dealers)
Hawks-Maupin Co. (Dealers), 115 High
Virginia Sash & Door Co. (Mfrs.), 105 Queen
RICHMOND—Binswanger & Co., 525 E Byrd
Cheatwood, L. J., 1211 E Broad
Gunn, Wm. S., 1123 W Broad
Hardwicke, Chas. W. & Co., 18th c Cary
Heppert, Jos., Graham c Catherine
Leibermuth-Abrams Co., 1435 E Main
Miller & Miller (Mfrs.), 324 S 6th
Montague Mfg. Co. (Mfrs.), 400 S 9th
Richmond Wood Working Co. (Mfrs.), 14 N 7th
Robertson, B. M. & Co., Decatur c 7th
Siewers, R. A. (Mfr.), 600 W Canal
Sitterding-Carneal-Davis Co., 8 E Broad
Stagg, Thos. E., 1444 E Main
Taliaferro, Jas. L., 2010 E Broad
Whitehurst, W. J., 1013 E Byrd
Woodward & Son, 330 S 9th
ROANOKE—Catogni Bros., Campbell av, c 3d S E
Central Mfg. Co., Shenandoah av c 2d
Exchange Lumber Co., 15 2d, S W
Wilkerson & Noel, 102 3d, S W
SOUTH BOSTON—Penick, R. A. & Son (Dealers)
STAUNTON—Livick, A. J.
Worthington Hdw. Co. (Dealers)
SUFFOLK—Allen, R. R. (Dealer)
Folk, E. L. & Co. (Dealers)
WARRENTON—Wood, D. P. & Co. (Dealers)
WOODSTOCK—Fravel, Jos.
WYTHEVILLE—Wytheville Mfg. Co.

WASHINGTON.

BRYANT—Bryant Lumber & Shingle Mill Co. (Mfrs.)
CHEHALIS—Chehalis Fir Door Co. (Mfrs.)
ELMA—Minard, E. L. & Co. (Dealers)
EVERETT—Robinson Mfg. Co. (Wholesale Mfrs.)
Wheelihan-Weidauer Co.
FREMONT—Bryant Lumber & Shingle Mill Co. (Mfrs.)
N. YAKIMA—Howard, A. E. (Dealer)
OAKSDALE—Ballor, J. L.
OLYMPIA—Olympia Door Co. (Mfrs.)
PORT ANGELES—Martin, Jno. M. (Dealer)
PORT TOWNSEND—Quimper Mfg. Co. (Mfrs.)
SEATTLE—Baker & Richards Co., 108 1st av, S
Brace & Hergert Mill Co., Westlake av & Mercer
Compton Lumber Co. (Dealers), Western av & Spring
Dickie & Rines, Spring & Ballard
Hegdahl, Thos. & Co., Burke & 2d avs
Hutchinson Mill Co., Marion bld
Kramer, J. D., 1445 Western av
Lewis & Tucker, 200 Westlake av
Nelle & Engelbrecht, 82 W Columbia
Slocum, E. E., 815 1st av, S.
Stetson & Post Mill Co., Water front & Weller
Sutherland Mill Co. (Mfrs.), 834 31st av
Travis, F. F., Sullivan bldg
Western Mill Factory, Terry av & Mercer
Williams, O. B., 1508 3d av
SNOHOMISH—Morgan Bros.
SPOKANE—Holland-Horr Mill Co.
King Sash, Door & Lumber Co.
Sexton, J. F. & Co.
Washington Mill Co.
TACOMA—East Tacoma Mfg. Co.(Mfrs.), E 27th & I.
Fuller, W. P. & Co. (Dealers), 1123 South C
Peterman, T. F. (Mfr.), 2533 Jefferson
Washington Mfg. Co. (Mfrs.), 720 Pacific av
Wheeler, Osgood Co. (Wholesale Mfrs.), Tide Flats
WALLA WALLA—Whitehouse, Crimmins & Co. (Mfrs.)
WHATCOM—Morse Hardware Co.
Whatcom Falls Mill Co. (Mfrs.)
Whatcom Sash & Door Co.

WEST VIRGINIA.

BLUEFIELD—Saxon Lime & Lumber Co. (Dealers)
CHARLESTON—Gates, L. C. (Dealer)
CHARLESTOWN—Phillips', Wm. Sons
CLARKSBURG—**WILLIAMS & DAVIDSON CO.**
FAIRMONT—Dickerson Bldg. Supply Co.
HUNTINGTON—Emmons-Hawkins Hdw. Co. (Dealers)
MORGANTOWN—**MORGANTOWN PLANING MILL CO.**
WHEELING—Beltz, J. W. Sons Co.
Chapman, W. H. & Sons
Klieves Lumber Co.
Wilson, W. A. & Sons
Wood, W. W. Co., 33d & Chapline

WISCONSIN.

APPLETON—**MILLER LUMBER CO.** (Dealers)
Schlafer Hdw. Co. (Dealers)
Standard Mfg. Co. (Mfrs.)
ASHLAND—Scott-Taylor Co.
BAGLEY—Brodt, T. E. (Mfrs.)
BEAVER DAM—Roedl & Jacobs
BELOIT—Cunningham Bros. (Mfrs.)
BLACK RIVER FALLS—McGillivray, J. J. (Mfr.)
BRANDON—Paine Lumber Co.
Wheeler, G. F. (Mfrs.)
BRILLON—Brillion Lumber Co.
CEDARBURG—**HILGEN MFG. CO.** (Wholesale Mfrs.)
CHILTON—Dorschel, Schultz & Co.
CHIPPEWA FALLS—Stanley, F. G. & C. A.
CLINTONVILLE—**ROHRER, D. J. (Mfr.)**
DE PERE—De Pere Lumber & Fuel Co.
EAU CLAIRE—Fish, E. M. & Co. (Mfrs.)
Hoeppner, Bartlett & Co.
Phoenix Mfg. Co., Wis. nr Chippewa River, N S
Shaw, Daniel Lumber Co., Menominee nr Mich, Shawtown
FOND DU LAC—Moore & Galloway Lumber Co.
STEENBERG, O. C. CO. (Mfrs.)
FOX LAKE—Eggleston, C. H.
GRANTSBURG—Grantsburg Mfg. Co. (Mfrs.)
GREEN BAY—**COOKE, W. D.**
Dickman Mfg. Co. (Mfrs.)
Green Bay Planing Mill Co. (Mfrs.)
Mueller Bros. & Co. (Mfrs.)
HARTFORD—Denison-Liver & Coerper
Hartford Lumber Co.
HAYWARD—North Wisconsin Lumber & Mfg. Co.
HELENVILLE—Reul Bros.
JANESVILLE—Fifield Bros. Lbr. Co.
Schaller & McKey Lbr. Co.
KAUKAUNA—**KAUKAUNA LUMBER & MFG. CO.**
KENOSHA—Grant, Mrs. C.
Kenosha Sash & Door Co.
KEWAUNEE—Borgman, Jno. M.
LA CROSSE—Colman, C. L. Lumber Co.
Kuhn, R. C. Sash & Door Co. (Wholesale Mfrs.)
Lamb, L. Lumber Co.
North Side Lumber Co.
Segelke & Kohlhaus Mfg. Co. (Wholesale Mfrs.)
Sorensen, O. J. (Mfr.)
Trow, A. S. & Co.
LAKE GENEVA—Wilbur Lumber Co.
MADISON—Brittingham & Hixon Lumber Co.
Frederickson, A. D. & J. V.
Silbernagel, J. J.
Starck Mfg. Co.
SWENSON, J. A.
MANAWA—Davids & Kinsman (Dealers)
LITTLE WOLF RIVER LUMBER CO.
MANITOWOC — **MANITOWOC BUILDING** Supply Co.
MARINETTE—Linden & Miller
Marinette Planing Mill Co.
MARSHFIELD—Bille, Hans (Mfrs.)
MENASHA—Schneider, John (Mfr.)
MERRILL—Anson-Hixon Sash & Door Co. (Wholesale Mfrs.)
Wright, H. W. Lumber Co.
MILWAUKEE—Badger Sash & Door Co., 592 Island av
Biersasch & Niedermeyer Co., 218 5th
Conway Veneered Door & Mantel Co., St. Paul av ft 20th
Cream City Sash & Door Co. (Wholesale Mfrs.), 7th av & Park
Curtis & Yale Co. (Wholesale Mfrs.), 296 Reed
Gruhl Sash & Door Co., Stewart nr Kinnikinnic av
Hilgen Mfg. Co., 219 Cherry
Interior Woodwork Co., 539 Park
Meckelburg, A. F. Sash & Door Co., 760 31st
Niss, C. & Sons, 699 3d
Pederson & Grolben, 598 National av
Phenix Mfg. Co., Humboldt av & Center
Poppert, Geo. Mfg. Co., 417 Poplar
Radcliffe & Porter Mfg. Co. (Wholesale Mfrs.), 59th av & Mitchell
Rockwell Mfg. Co. (Mfrs.), Park & 6th av
Schmidt, W. H. & Sons, 305 3d av
West Side Mfg. Co., 3020 Walnut
Wilbur Lumber Co., Pabst bldg
Willer Mfg. Co., 313 Cedar
MONROE—**MONROE PLANING MILL CO.**
NEW RICHMOND—Jagger, H. M.
Willow River Lumber Co.
OMRO—Morton, C. C. & Co.
OSHKOSH—Campbell & Cameron Co.
Foster, Lothman Mills (Wholesale Mfrs.)
Gould Mfg. Co. (Wholesale Mfrs.)
McMillen, R. Co. (Wholesale Mfrs.)
Morgan Co. (Wholesale Mfrs.)
Paine Lumber Co. (Wholesale Mfrs.)
Radford Bros. & Co. (Wholesale Mfrs.)
Starkweather, R. R. Co. (Mfrs.)
Williamson & Libbey Lumber Co. (Wholesale Mfrs.)
PRINCETON—Yahr, F. J.
RACINE—Belle City Sash & Door Co. (Mfrs.)
Driver, Thos. & Sons Mfg. Co.
Stecher, Weber & Huetten Mfg. Co.
RHINELANDER—Lewis Hdw. Co. (Dealers)
RICE LAKE—Rice Lake Mfg. Co.
RIPON—Horner & Middleton
Ripon Veneer & Box Works
SAUK CITY—Lachmund, P. & Son
SHEBOYGAN—Geele, Frank Hdw. Co. (Dealers)
Miller Hardware Co. (Dealers)
Mueller, H G. Lumber & Mfg. Co. (Wholesale Mfrs.)
Ramaker Bros. (Dealers)
SHIOCTON—**SHIOCTON LUMBER CO.**
SPARTA—Sparta Sash & Door Co.
STEVENS POINT—Vetter Mfg. Co. (Mfrs.)
SUPERIOR—Cowdin, H. F., 1301 Banks av
Cowie Bros., 22d c Butler
Dam, F. H., Newton av c 11th
WATERTOWN—Lehmann, F. W.
Weber, J. & Son (Dealers)
WAUKESHA—Palmetier & Abell (Dealers)
WAUPACA—Nelson, A. G. Lbr. Co.
WAUSAU—Curtis & Yale Co. (Wholesale Mfrs.)
Werheim Mfg. Co. (Wholesale Mfrs.)
WAUWATOSA—Wauwatosa Sash & Door Factory (Mfrs.)
WESTFIELD—Kendall, Geo. (Dealer)
Moss, W. H. (Dealer)

WYOMING.

EVASTON—Atkinson, J. L.
RAWLINS—Daley & Dow
Larsen, Hans (Dealer)

Sausage Stuffers

Landers, Frary & Clark, New Britain, Conn.
Murray Iron Works Co. ("Stallman," Stearn & Draw-Cut, etc.). Burlington, Ia.
Silver Mfg. Co. ("Wagner"), Salem, O.

Saw Arbors

American Wood Working Machine Co., 136 Liberty, N. Y.
Atkins, E. C. & Co., Indianapolis, Ind.
Atlantic Works (Inc.) (Cast Steel), Phila., Pa.
Baldridge & Hogan Saw Co., 6th & Baymiller, Cincinnati, O.
Beach, H. W., Montrose, Pa.
Bentel & Margedant Co., Hamilton, O.
Cowdrey, C. H. Machine Works, Fitchburg, Mass.
Crucible Steel Co. of America (La Belle Steel), Frick bldg, Pittsburg, Pa.; 71 B'way, New York, & 64 S Clinton, Chicago, Ill.
Disston, Henry & Sons (Inc.), Tacony, Phila., Pa.
National Saw Co., Newark, N. J.
Simonds Mfg. Co., Fitchburg, Mass.; 107 Liberty, N. Y.; Chicago, Ill.; New Orleans, La.; San Francisco, Cal.; Portland, Ore., & Seattle, Wash.
Sovereign Foundry & Mfg. Co., Lebanon, N. J.
Trevor Mfg. Co. (Chuck), Lockport, N. Y.
White, Jno. A. Co. (Self Oiling), Dover, N. H.
Woods, S. A. Machine Co., 445 Dorchester av, Boston, Mass.
Yerkes & Finan Woodworking Machine Co., St. Louis, Mo.

Saw Benches or Tables

American Wood Working Machine Co., 136 Liberty, New York
Atlantic Works (Inc.), Phila., Pa.
Baker Bros., Toledo, O.
Beach, H. W. (Rip & Cut-off), Montrose, Pa.
Brown & Zortman Machinery Co. ("New Colburn"), Wood & Water, Pittsburg
Carey, W. W. (Circular), Lowell, Mass.
Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
Chandler & Taylor Co., Indianapolis, Ind.
Chase Turbine Mfg. Co., Orange, Mass.
Clark Machine Co., Turner's Falls, Mass.
Colladay, Jos. O., 626 Race, Phila., Pa.
Crescent Machine Co. (Combination), Leetonia, O.
Disston, Henry & Sons (Inc.), Tacony, Phila., Pa.
Dodds, Alex. (Circular, etc.), Grand Rapids, Mich.
Fay, J. A. & Egan Co., c Front & John, Cincinnati, O.
Fairbanks, E. & T. Co., St. Johnsbury, Vt.
Fischer Machine Works (Cut-Off & Rip Saw Tables), 345 S Canal, Chicago, Ill.
Frank Machinery Co., 50 Mechanic, Buffalo, N. Y.
Freeman, S. & Sons Mfg. Co., Racine, Wis.
Goodspeed Machine Co., Winchendon, Mass.
Grand Rapids Hand Screw Co. (Wood Frame), Grand Rapids, Mich.
Greenlee Bros. & Co., Chicago, Ill.
Hayes Machine Co. (Inc.), 108 West, Brooklyn, N. Y.
Hemingway, John, Lynn, Mass.
Hildreth Bros., Harvard, Mass.
Holmes, E. & B. Machinery Co., Buffalo, N. Y.
Humphrey Machine Co., Keene, N. H.
Kidder, R. E. (Circular, etc.), 2 Hermon, Worcester, Mass.
Kimball Bros. & Sprague (also Circular), Brockton, Mass.
Murray, D. J. Mfg. Co. (Self Feed, etc.), Wausau, Wis.
Oliver Machinery Co. ("Universal"), Grand Rapids, Mich.
Power, L. & Co., 20 S 23d, Phila., Pa.
Royle, John & Sons, Paterson, N. J.
Seymour & Whitlock, 43 Lawrence, Newark N. J.
Smith, H. B. Machine Co., Smithville, N. J., & 121 Liberty, N. Y.
Sovereign Foundry & Mfg. Co., Lebanon, N. J.
Spangler Mfg. Co. (Circular, etc.), York, Pa.
Standard Saw Mill Machinery Co., Erie, Pa.
Tidey, M. B., Newark, N. J.
U. S. Machine Co. (Self Feed), Williamsport, Pa.
U. S. Wind Engine & Pump Co. (Horse Power), Batavia, Ill.
Wachussett Machine Co. (Adjustable), Fitchburg, Mass
Walker, G. A. Machine Co., 51 Chardon, Boston, Mass
Woods, S. A. Machine Co., 445 Dorchester av Boston, Mass
Yerkes & Finan Woodworking Machine Co. St. Louis, Mo

Saw Blades (Cold)

Tindel-Morris Co. (High Carbon Crucible Steel Plate & Teeth Slots), Eddystone, Pa., & 136 Liberty, New York

Saw Blades (Stone)

(See Stone Saw Blades, Steel.)

Saw Blades & Frames (Hack)

Arcade Mfg. Co., Freeport, Ill.
Athol Machine Co. (The "Best"), Athol, Mass
Atkins, E. C. & Co., Indianapolis, Ind.
Bridgeport Hardware Mfg. Co., Bridgeport
Clemsen Bros., Middletown, N. Y. Conn

Diamond Saw & Stamping Works ("Sterling"), Buffalo, N. Y.
Disston, Henry & Sons, Tacony, Philadelphia, Pa.
Fitchburg File Works, Fitchburg, Mass.
Goodell-Pratt Co. (The "G"), Greenfield, Mass.
HAMMACHER, SCHLEMMER & CO., 133 4th av, New York. (See adv. index, end of book)
Harris, Samuel & Co., 23 S Clinton, Chicago, Ill.
Millers Falls Co. ("Star"), 28 Warren, N. Y., & Millers Falls, Mass.
National Saw Co., Newark, N. J.
Smith & Hemenway Co. ("Red Devil" Hack Saws), 296 B'way, N. Y.
Springfield Machine Screw Co. ("Diamond"), Springfield, Mass.
Starrett, L. S. Co., Athol, Mass.
Sawyer Tool & Mfg. Co., Fitchburg, Mass.
Thompson Henry G. & Sons Co. ("Milford" Hack Saw & Blades), New Haven Conn.
Tower & Lyon Co., 95 Chambers, N. Y.
Union Hardware Co., Torrington, Conn.
West Haven Mfg. Co. ("Globe"), New Haven, Conn.
Whitman & Barnes Mfg. Co., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York
Williams & Goldenblum ("Boss" Cutter), Wallingford, Conn.

Saw Bucks & Frames

Belle City Mfg. Co., Racine, Wis.
Brennan & Co., Louisville, Ky.
Chandler & Taylor Co., Indianapolis, Ind.
Chapin-Stevens Co. (Turning Saw Frames & Saws), Pine Meadow, Conn.
Corinth Engine & Boiler Works, Corinth, Miss.
Doscher Plane & Tool Co. ("Acme" Roller Saw Bucks, Saugatuck, Conn.
Jennings, C. E. Co., 42 Murray, New York
Judson, J. R. ("Vermont"), E. Arlington, Vt.
Ohio Tool Co., Columbus, O.
Tucker & Dorsey Mfg. Co. ("Hoosier" Folding Saw Buck), State av & Bates, Indianapolis, Ind.

Saw Guides

American Wood Working Machinery Co., 136 Liberty, N. Y., & 45 S Canal, Chicago
Atkins, E. C. & Co. (Inc.), Indianapolis, Ind.
Baldwin, Tuttle & Bolston, Grand Rapids, Mich.
Barry Saw Co., 228 S Penna., Indianapolis, Ind.
Corinth Engine & Boiler Works, Corinth, Miss.
FILER & STOWELL CO. (Circular), Beecher & Zieer, Milwaukee, Wis. (See adv. index, end of book)
Henderson, W. K. Iron Works & Supply Co., Shreveport, La.
Lane Mfg. Co., Montpelier, Vt.
Murray, L. J. Mfg. Co., Wausau, Wis.
New Britain Machine Co. ("Pines," Band Saw), New Britain, Conn.
Reed, Jos. B., Cairo, Ill.
Salem Iron Works, Winston-Salem, N. C.
Southern Engine & Boiler Works (Inc.), Jackson, Tenn.
Standard Saw Mill Machinery Co., Erie, Pa.
Union Iron Works, Bangor, Me.
Wickes Bros., Saginaw, Mich.

Saw Mandrels

(See Mandrels, Saw.)

Saw Mill Carriages

Allis-Chalmers Co., New York Life bldg, Chicago, Ill. Works, Chicago, Milwaukee & Scranton, Pa.
Chandler & Taylor Co., Indianapolis, Ind.
Clark Bros., Belmont, N. Y.
Corinth Engine & Boiler Works, Corinth, Miss.
Diamond Iron Works ("Wilkinson"), Minneapolis, Minn.
Du Bois Iron Works, Du Bois, Pa.
FILER & STOWELL CO., Beecher & Ziemer, Milwaukee, Wis. (See adv. index, end of book)
Frick Co., Waynesboro, Pa.
Garland, M. Co., Bay City, Mich.
Henderson, W. K. Iron Works & Supply Co., Shreveport, La.
Lane Mfg. Co., Montpelier, Vt.
McDonough Mfg. Co., Eau Claire, Wis.
Murray, D. J. Mfg. Co., Wausau, Wis.
Phoenix Mfg. Co., Eau Claire, Wis.
Prescott, D. Clint Co., Menominee, Mich.
Prescott Supply Co., Marinette, Wis.
Salem Iron Works, Winston-Salem, N. C.
Southern Engine & Boiler Works (Inc.), Jackson, Tenn.
Standard Saw Mill Machinery Co., Erie, Pa.
Union Iron Works, Bangor, Me.
Wheland Machine Works, Chattanooga, Tenn.
Wickes Bros., Saginaw, Mich.

Saw Mill Feeds (Steam)

Diamond Iron Works, Minneapolis, Minn.
Soule Steam Feed Works, Meridian, Miss.

Saw Mill Machinery

(See Machinery, Saw Mill)

Saw Mills)

(See Lumber Mfrs.)

Saw Mills (Band)

Allis-Chalmers Co., New York Life bldg, Chicago, Ill. Works, Chicago, Milwaukee & Scranton, Pa.
Clark Bros., Belmont, N. Y.
Corinth Engine & Boiler Works, Corinth, Miss.
Diamond Iron Works ("Wilkinson," Single & Double Cutting), Minneapolis, Minn.
Du Bois Iron Works, Du Bois, Pa.
FILER & STOWELL CO., Beecher & Ziemer, Milwaukee, Wis. (See adv. index, end of book)
Fort Wayne Foundry & Machine Co., Fort Wayne, Ind.
Garland, M. Co., Bay City, Mich.
Humphrey Machine Co., Keene, N. H.
Lombard Iron Works & Supply Co., Augusta, Ga.
McDonough Mfg. Co., Eau Claire, Wis.
Manistee Iron Works & Supply Co., Mainstee, Mich.
Murray, D. J. Mfg. Co., Wausau, Wis.
Phoenix Mfg. Co. (Portable, etc.), Eau Claire, Wis.
Portland Iron Works (Inc.), Portland, Ore.
Sinker-Davis Co., Indianapolis, Ind.
Stearns Mfg. Co., Erie, Pa.
Wickes Bros., Saginaw, Mich.

Saw Mills (Circular)

Bartley, Wm. & Son (Portable), Bartley, N. J.
Butts, W. W., Trestle, N. Y.
Chandler & Taylor Co., Indianapolis, Ind.
Chase Turbine Mfg. Co., Orange, Mass.
Clark Bros., Belmont, N. Y.
Corinth Engine & Boiler Works, Corinth, Miss.
Curtis & Co. Mfg. Co., 2203 Wash'n av, St. Louis, Mo.
Davenport Foundry & Machine Co., Davenport, Ia.
DeLoach Mill Mfg. Co., Atlanta, Ga.
Diamond Iron Works, Minneapolis, Minn.
Eureka Bark Mill Co., Lancaster, Pa.
Farquhar, A. B. Co. (Ltd.), York, Pa.
FILER & STOWELL CO., Beecher & Ziemer, Milwaukee, Wis. (See adv. index, end of book)
Fort Wayne Foundry & Machine Co., Fort Wayne, Ind.
Frick Co., Waynesboro, Pa.
Gaar, Scott & Co., Richmond, Ind.
Garland, M. Co., Bay City, Mich.
Geiser Mfg. Co., Waynesboro, Pa.
Heilman Machine Works, Evansville, Ind.
Herrick, Chas. E., Northampton, Mass.
Humphrey Machine Co., Keene, N. H.
Kingsland Mfg. Co., 1521 N 11th, St. Louis, Mo.
Klotz Machine Co., Sandusky, O.
Knight Mfg. Co., Canton, O.
Lane Mfg. Co., Montpelier, Vt.
Lane & Bodley Co., John c Water, Cincinnati, O.
Larzelere Machine Co., Williamsport, Pa.
Lombard Iron Works & Supply Co., Augusta, Ga.
Lovell Foundry, Fitchburg, Mass.
McEwen Bros., Wellsville, N. Y.
Mansfield Engineering Co., Mansfield, O.
Moltz, Jacob J., Williamsport, Pa.
Murray, D. J. Mfg. Co., Wausau, Wis.
New Birdsall Co., Auburn, N. Y.
Phoenix Mfg. Co., Eau Claire, Wis.
Port Huron Mfg. Co., Port Huron, Mich.
Prescott, D. Clint Co., Menominee, Mich.
Prescott Supply Co., Marinette, Wis.
Robinson & Co., Richmond, Ind.
Rockwood Mfg. Co., 1801 English av, Indianapolis, Ind.
Russell & Co., Massillon, O.
Salem Iron Works, Winston-Salem, N. C.
Sinkers Davis Co., Indianapolis, Ind.
Smalley Mfg. Co., Manitowoc, Wis.
Southern Engine & Boiler Works, Jackson, Tenn.
Sovereign Foundry & Mfg. Co., Lebanon, N. J.
Spangler Mfg. Co., York, Pa.
Standard Saw Mill Machinery Co., Erie, Pa.
Stover Mfg. Co., Freeport, Ill.
Union Iron Works, Bangor, Me.
Watertown Engine Co., Watertown, N. Y.
Wheland Machine Works, Chattanooga, Tenn.
Wickes Bros., Saginaw, Mich.

Saw Mills (Drag)

Butterworth & Lowe, Grand Rapids, Mich.
Chandler & Taylor Co., Indianapolis, Ind.
Corinth Engine & Boiler Works, Corinth, Miss.
Davis, Geo. E. Dubuque, Iowa
FILER & STOWELL CO., Beecher & Ziemer, Milwaukee, Wis. (See adv. index, end of book)
Globe Foundry & Machine Co. (Self-Feed), Sheboygan, Mich.
Hill, W. E. & Co., Kalamazoo, Mich.
Howell, R. R. & Co., Minneapolis, Minn.
Kline, Lewis T. (Drag Saw Machines), Alpena, Mich.
Lane Mfg. Co., Montpelier, Vt.
St. Albans Foundry Co., St. Albans, Vt.
Smalley Mfg. Co., Manitowoc, Wis.
Southern Engine & Boiler Works, Jackson, Tenn.
Stearns Mfg. Co., Erie, Pa.
Trevor Mfg. Co. (For Handle Factories, etc.), Lockport, N. Y.
Union Iron Works, Bangor, Me.
U. S. Machine Co., Williamsport, Pa.
Wickes Bros. (Belt or Steam), Saginaw, Mich.

Saw Mills (Gang)

Adams, S. & Son, Rome, N. Y.
Bartlett, A. F. & Co., Saginaw, Mich.
Diamond Iron Works ("Diamond" Belt, etc.), Minneapolis, Minn.
FILER & STOWELL CO., Beecher & Ziemer, Milwaukee, Wis. (See adv. index, end of book)
Henderson, W. K. Iron Works & Supply Co., Shreveport, La.
Prescott, D. Clint Co., Menominee, Mich.
Prescott Supply Co., Marinette, Wis.
Stearns Mfg. Co., Erie, Pa.
Union Iron Works, Bangor, Me.
Wickes Bros., Saginaw, Mich.

Saw Mills (Portable)

Advance Thresher Co., Battle Creek, Mich.
Aultman & Taylor Machinery Co., Mansfield, O.
Best, Jno. (Est. of), Lancaster, Pa.
Burlingame, A. Co., Worcester, Mass.
Chandler & Taylor Co., Indianapolis, Ind.
Comstock, Geo. S. ("U. S. Standard"), Mechanicsburg, Pa.
Corinth Engine & Boiler Works, Corinth, Miss.
Curtis & Co. Mfg. Co., 2201 Wash'n av, St. Louis, Mo.
De Loach Mill Mfg. Co., Atlanta, Ga.
Enterprise Mfg. Co., Columbiana, O.
Farquhar, A. B. Co. (Ltd.), York, Pa.
Frick Co., Waynesboro, Pa.
Gaar, Scott & Co., Richmond, Ind.
Geiser Mfg. Co., Waynesboro, Pa.
Heilman Machine Works, Evansville, Ind.
Hench & Dromgold Co., York, Pa.
Howell, R. R. & Co., Minneapolis, Minn.
June, D. & Co., Fremont, O.
Keck-Gonnerman Co., Mt. Vernon, Ind.
Kingsland Mfg. Co., St. Louis, Mo.
Lombard Iron Works & Supply Co., Augusta, Ga.
Liddell Co., Charlotte, N. C.
Lyon Iron Works, Greene, N. Y.
Mansfield Machine Works, Mansfield, O.
Mecklenburg Iron Works, Charlotte, N. C.
New Birdsall Co., Auburn, N. Y.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Reeves & Co., Columbus, Ind.
Richmond Machine Works, Richmond, Ind.
Robinson & Co., Richmond, Ind.

Russell & Co., Massillon, O.
Salem Iron Works, Winston-Salem, N. C.
Scheidler Machine Works, Newark, O.
Sergeant Mfg. Co., Greensboro, N. C.
Southern Engine & Boiler Works, Jackson, Tenn.
Spangler Mfg. Co., York, Pa.
Sparta Iron Works Co., Sparta, Wis.
Standard Saw Mill Machinery Co., Erie, Pa.
Stevens, A. W. Co., Marinette, Wis.
Thomas-Albright Co., Goshen, Ind.
Talbott & Sons, Richmond, Va.
Westinghouse Co., Schenectady, N. Y.

Saw Sets

Atkins, E. C. & Co., 402 S Illinois, Indianapolis, Ind.
Baldwin, Tuthill & Bolton, Grand Rapids, Mich.
Bemis & Call Hdw. & Tool Co., Springfield, Mass.
Bonney Vice & Tool Works ("Morrills"), 3015 Chestnut, Phila., Pa.
Cunningham, E. E. (Band, etc.), Worcester, Mass.
Disston, Hy. & Sons (Inc.), Tacony, Phila., Pa., & 75 N Wash'n, Chicago, Ill.
Humason & Beckley Mfg. Co. ("Nash's"), New Britain, Conn.
Kilbourn & Bishop Co. ("Whiting & Woodman Forged"), New Haven, Conn.
Kohler, F. E. & Co., Canton, O.
Morrill, Chas. (Firm of), 277 B'way, N. Y.
National Saw Co., Newark, N. J.
Peck, Stow & Wilcox Co. (the Elrich), Southington, Conn.; Cleveland, O., & 27 Murray, N. Y.
Prouty, C. & Co. (Steel), Eldred, Pa.
Simond Mfg. Co., Fitchburg, Mass.; 107 Liberty, N. Y.; Chicago, New Orleans, La.; San Francisco, Cal.; Portland, Ore., & Seattle, Wash'n
Smith, Seymour & Son (Hammer & Lever), Oakville, Conn.
Smith & Hemenway Co., 296 B'way, N. Y.
Springfield Machine Screw Co. ("Morrell" Pattern), Springfield, Mass.

Saw Sharpening Machines

(See Machines, Saw Sharpening; also Sharpeners, Saw.)

Saw Slashers

Allis-Chalmers Co., New York Life bldg, Chicago, Ill. Works, Chicago, Milwaukee, & Scranton, Pa.
Diamond Iron Works, Minneapolis, Minn.
FILER & STOWELL CO., Beecher & Ziemer, Milwaukee, Wis. (See adv. index, end of book)
Garland, M. Co., Bay City, Mich.

Saw Swages

Ajax Mfg. Co. (Ibsen Bros.), 1 Jackson, Allegheny, Pa.
Atkins, E. C. & Co. (The Victor), Indianapolis, Ind.
Canton Saw Co., Canton, O.
Champion Saw & Gas Engine Co., Beaver Falls, Pa.
Crowell, D. J., 200 Terrace, Buffalo, N. Y.
Disston, Henry & Sons (Inc.), Tacony, Phila., Pa.
Emerson, Smith & Co. (Solid Steel), Beaver Falls, Pa.
Garland, M. Co., Bay City, Mich.
Hauchett, Jno. & Bro., Big Rapids, Mich.
Hinds, Thos., Malone, N. Y.
Hoe, R. & Co., 504 Grand, N. Y.
Oldham, Joshua & Sons (Inc.), 112 26th, Brooklyn, N. Y.
Phoenix Mfg. Co., Eau Claire, Wis.
Rogers, Sam'l C. & Co., 10 Lock, Buffalo, N. Y.
Rowe & Trunnel, 123 W 2d, Cin., O.
Southern Saw Works, Atlanta, Ga.
Toledo Saw Co., Toledo, O.

Saw Tables

(See Saw Benches or Tables.)

Saw Teeth

Keystone Drop Forge Works (Drop Forge), Chester, Pa.
Meyer, W. F. & Co. ("Diamond"), Long Island City & N. Y. City

Saws

(Under this heading see sub-classifications; see also Machinery.)

Ambler Saw Mfg. Co., Natick, Mass.
Andrews, E. & Sons (Solid & Inserted), Williamsport, Pa.
Atkins, E. C. & Co., 402 S Illinois, Indianapolis, Ind.
Balbridge & Hogan Saw Co., 6th & Baymiller, Cincinnati
Barcus Bros., Muskegon, Mich.
Batty, Wm., Manistee, Mich.
Birmingham Saw Works, Birmingham, Ala.
Bishop, G. H. & Co., Lawrenceburg, Ind.
Branch Saw Co., 817 N 2d, St. Louis, Mo.
Broadhead, Jos., Manistee, Mich.
Buckeye Saw Mfg. Co., Columbus, O.
California Saw Works, 208 Mission, San Francisco, Cal.
Canton Saw Co., Canton, O.
Champion Saw & Gas Engine Co., Beaver Falls, Pa.
Chattanooga Saw Works, Chattanooga, Tenn.
Clemson Bros., Middletown, N. Y.
Cocker, Wm., Lockport, N. Y.
Curtis & Co. Mfg. Co., 2201 Wash'n av, St. Louis, Mo.
Decker Saw Works, Albany, N. Y.
Disston, Henry & Sons (Inc.), Tacony, Philadelphia, Pa.,
Donaldson Bros., Rock Island, Ill.
Edge, Frank & Co., Grand Rapids, Mich.
Edgerton, M. D., Bristol, Conn.
Elmira Saw Works, Elmira, N. Y.
Emerson, Smith & Co. (Ltd.), Beaver Falls, Pa.
Fitchburg File Works Fitchburg, Mass.
Fouchart, J. E., Williamsport, Pa.
Fox, J. E. Saw Works (Inc.), Seattle, Wash.
Gerlach, Peter & Co., 28 Columbus, Cleveland, O.
Goes, Oscar & Co., 18 S Canal, Chicago, Ill.
Hall, Frank H. Co., Natick, Mass.
Hiles, C. H. & Co., 336 Carroll av, Chicago, Ill.
Hastings, Arthur J. & Co., Railroad pl, Newark, N. J.
Hoe, R. & Co., 504 Grand, N. Y.
Hubbard Saw & Steel Co., Menominee, Mich.
Huther Bros., 229 Mill, Rochester, N. Y.
Kennedy, Ralph M., 111 N 7th, Phila., Pa.
Lippert, E. T., Millvale Sta., Allegheny, Pa.
McNiece, Wm. & Son, 515 Cherry, Philadelphia, Pa.
Mack & Winkle, 172 Skillman av, Brooklyn, N. Y.
Michigan Saw Co., Saginaw, Mich.
Moss & Graham, Centre & Grand, New York
National Saw Co., 15 River, Newark, N. J.
Nicholls, Henry, 422 N 6th, Phila., Pa.
Ohlen, J. & Sons Saw Mfg. Co., Buttles' av, Columbus, O
Oldham, Joshua & Sons, 112 26th, Brooklyn, N. Y.
Pacific Saw Mfg. Co., 110 Beale, San Francisco, Cal.
Parke, Mrs. Sarah A., Bay City, Mich.
Penfield Saw Works, Bristol, Conn.
Port Huron Saw Co. (Ltd.), Port Huron, Mich.
Quincy Saw Works, Quincy, Ill.
Rowe & Trunell, 123 W 2d, Cincinnati, O.
Schwartz, M. Sons, Bangor, Me.
Siebler, Geo. E., Dayton, O.
Simonds Mfg. Co., Fitchburg, Mass.; 17th & Western av, Chicago, Ill.; 107 Liberty, New York; New Orleans, La.; San Francisco, Cal.; Portland, Ore., & Seattle, Wash.
Simonds Saw Co., 33 Market San Francisco, Cal.
Southern Saw Works, Atlanta, Ga.
Standard Saw Co., Bradford, Pa.
Stone's, J. C. Sons, Williamsport, Pa.
Terhune, E. L., 104 Centre, New York
Thompson & Son, 6 Elm, New Haven, Conn.
Toland & Son, Front & Low, Baltimore, Md.
Toledo Saw Co., Toledo, O.
United Mfg. Co., Kane, Pa.
Ward, Wm., Bay City, Mich.
Peter, Sutter, 55 W North av, Chicago, Ill.
Wright, Chas. E., Waterbury, Conn.

Saws (Band)

Ambler Saw Mfg. Co., Natick, Mass.
Atkins, E. C. & Co., Indianapolis, Ind.
Bishop, G. H. & Co., Lawrenceburg, Ind.
Canton Saw Co., Canton, O.
Clemsen Bros., Middletown, N. Y.
Cunningham, E. E., 23 Hudson, Worcester, Mass.
Curtis & Co. Mfg. Co., 2201 Wash'n av, St. Louis, Mo.
Disston, Henry & Sons (Inc.), Tacony, Phila., Pa., & 75 W Wash'n, Chicago, Ill.
Donaldson Bros., Rock Island, Ill.
Edge, Frank & Co., Grand Rapids, Mich.
Emerson, Smith & Co. (Ltd.), Beaver Falls, Pa.
Gerlach, Peter & Co., Cleveland, O.
HAMMACHER, SCHLEMMER & CO., 133 4th av, New York. (See adv. index, end of book)
Hoe, R. & Co., 504 Grand, New York
Huther Bros., 234 Mill, Rochester, N. Y.
Kennedy, Ralph M., 111 N 7th, Phila., Pa.
Lippert, E. T., Millvale Sta., Allegheny, Pa.
McNiece, Wm. & Son (Imported), 515 Cherry, Phila., Pa.
Moss & Graham, Centre & Grand, N. Y.
National Saw Co., Newark, N. J.
Oldham, Joshua & Sons, 112 26th, Brooklyn, N. Y.
Port Huron Saw Co. (Ltd.), Port Huron, Mich.
Simond Mfg. Co., Fitchburg, Mass.; 107 Liberty, N. Y.; Chicago, New Orleans, La.; San Francisco, Cal.; Portland, Ore., & Seattle, Wash.
Southern Saw Works, Atlanta, Ga.
Terhune, E. L., 104 Centre, N. Y.
Thompson, Henry G. & Son Co., New Haven, Conn.
Williams & Goldenblum, Wallingford, Conn.
Toland & Son, c Front & Low, Baltimore, Md.
Wright, Chas. E., Waterbury, Conn.

Saws (Band, Cut-Off)

Butterworth & Lowe, Grand Rapids, Mich.
Standard Saw Co., Bradford, Pa.

Saws (Band, Sprue)

(See Band Sprue Sawing Machines.)

Saws (Blind Slat)

American Woodworking Machine Co., 136 Liberty, N. Y.
Atlantic Works (Inc.), 23d & Arch, Phila.
Fay, J. A. & Egan Co., c Front & John, Cincinnati, O.
Hayes, E. B. Machine Co., Oshkosh, Wis.

Saws (Butchers' Etc.)

Chatillion, Jno. & Sons ("Chatillion"), 85 Cliff, New York
Springfield Machine Screw Co. ("Diamond"), Springfield, Mass.

Saws (Circular)

Andrews, E. & Sons, Williamsport, Pa.
Atkins, E. C. & Co., Indianapolis, Ind.
Baldridge & Hogan Saw Co., 6th & Baymiller, Cincinnati, O.
Barcus Bros., Muskegon, Mich.
Batty, Wm., Manistee, Mich.
Bishop, G. H. & Co., Lawrenceburg, Ind.
Buckeye Saw Mfg. Co., Columbus, O.
Canton Saw Co., Canton, O.
Champion Saw & Gas Engine Co., Beaver Falls, Pa.
Chattanooga Saw Works (Solid Tooth), Chattanooga, Tenn.
Clemsen Bros., Middletown, N. Y.
Curtis & Co. Mfg. Co., 2201 Wash'n av, St. Louis, Mo.
Disston, Henry & Sons (Inc.), Tacony, Phila., Pa. & 75 W Wash'n, Chicago, Ill.
Donaldson Bros., Rock Island, Ill.
Emerson, Smith & Co., Beaver Falls, Pa.
Foucart, J. E., Williamsport, Pa.
Gerlach, Peter & Co., Cleveland, O.
Goodell-Pratt Co. (For Cutting Brass, Copper, Ivory, Bone, etc.), Greenfield, Mass.
Goodspeed Machine Co., Winchendon, Mass.
Hoe, R. & Co., 504 Grand, N. Y.
Huther Bros., 229 Mill, Rochester, N. Y.
Kennedy, Ralph M., 111 N 7th, Phila., Pa.
Lippert, E. Y., Millvale Sta., Allegheny, Pa.

McNiece, Wm. & Son, 515 Cherry, Phila., Pa.
Moss & Graham, Centre & Grand, New York
National Saw Co., 15 River, Newark, N. J.
Oldham, Joshua & Sons, 112 26th, Brooklyn, N. Y.
Pacific Saw Mfg. Co., 110 Beale, San Francisco, Cal.
Port Huron Saw Co. (Ltd.), Port Huron, Mich.
Rowe & Trunnell, 123 W 2d, Cincinnati, O.
Siebler, Geo. E., Dayton, O.
Simonds Mfg. Co., Fitchburg, Mass.; 107 Liberty, N. Y.; Chicago, New Orleans, La.; San Francisco, Cal.; Portland, Ore., & Seattle, Wash.
Southern Saw Works, Atlanta, Ga.
Standard Saw Co., Bradford, Pa.
Stone's, John C. Sons, Williamsport, Pa.
Strange's Machine Works, Taunton, Mass.
Tabor Mfg. Co. ("Taylor-Newbold"), 18th & Hamilton, Phila., Pa.
Terhune, E. L., 104 Centre, N. Y.
Toledo Saw Co., Toledo, O.

Saws (Circular, for Metal)

Atkins, E. C. & Co., Indianapolis, Ind.
Disston, Henry & Sons (Inc.), Phila., Pa.
Huther Bros., 229 Mill, Rochester, N. Y.
Port Huron Saw Co. (Ltd.), Port Huron, Mich.

Saws (Circular, Stone)

Lincoln Iron Works (for Soft Stone, etc.), Rutland, Vt.
Meyers, W. F., Long Island City, N. Y. City

Saws (Cold)

(See Saw Blades, Cold; also Metal Sawing Machines.)

Saws (Concave)

Atkins, E. C. & Co., Indianapolis, Ind.
Canton Saw Co., Canton, O.
Champion Saw & Gas Engine Co., Beaver Falls, Pa.
Disston, Henry & Sons (Inc.), Tacony, Phila., Pa.
Emerson, Smith & Co., Beaver Falls, Pa.
Huther Bros., 229 Mill, Rochester, N. Y.
Lippert, E. T., Millvale Sta., Allegheny, Pa.
National Saw Co., 15 River, Newark, N. J.
Oldham, Joshua & Sons, 112 26th, Brooklyn, N. Y.
Port Huron Saw Co. (Ltd.), Port Huron, Mich.
Southern Saw Works, Atlanta, Ga.

Saws (Cordwood)

(See Machines, Cordwood Sawing & Splitting; also Machines, Wood Sawing.)

Saws (Cross-Cut)

Atkins, E. C. & Co., Indianapolis, Ind.
Clemsen Bros., Middletown, N. Y.
Curtis & Co. Mfg. Co., 2201 Wash'n av, St. Louis, Mo., & 42 S Canal, Chicago, Ill.
Disston, Henry & Sons, Tacony, Phila., Pa., & 75 W Wahs'n, Chicago, Ill.
National Saw Co., 15 River, Newark, N. J.
Port Huron Saw Co. (Ltd.), Port Huron, Mich.
Prouty, C. & Co., Eldred, Pa.

Saws (Cut-Off, Wood)

(See Wood Cut-off Machines in Machinery.)

Saws (Dehorning)

Goodell-Pratt Co., Greenfield, Mass.

Saws (Diamond)

Farrell Foundry & Machine Co., Ansonia, Conn.
Meyers, W. F., Long Island City, N. Y. City

Saws (Drag)

Atkins, E. C. & Co., Indianapolis, Ind.
Canton Saw Co., Canton, O.
Curtis & Co. Mfg. Co., 2201 Wash'n av, St. Louis, Mo.
Disston, Henry & Son (Inc.), Tacony, Phila., Pa.
Emerson, Smith & Co. (Ltd.), Beaver Falls, Pa.
Kline, Lewis T., Alpena, Mich.
Hoe, R. & Co., 504 Grand, N. Y.
National Saw Co., Newark, N. J.; & Middletown, N. Y.
Pacific Saw Mfg. Co., San Francisco, Cal.
Port Huron Saw Co. (Ltd.), Port Huron, Mich.
Simons Mfg. Co., Fitchburg, Mass.; 107 Liberty, N. Y.; Chicago, New Orleans, La.; San Francisco, Cal., Portland, Orc., & Seattle, Wash.

Saws (Gang)

Atkins, E. C. & Co., 402 S Illinois, Indianapolis, Ind
Buckeye Saw Mfg. Co., 285 Water, Columbus, O.
Canton Saw Co., Canton, O.
Champion Saw & Gas Engine Co., Beaver Falls, Pa.
Curtis & Co. Mfg. Co., 2201 Wash'n av, St. Louis, Mo.
Disston, Henry & Sons (Inc.), Tacony, Phila., Pa.
Donaldson Bros., Rock Island, Ill.
Emerson, Smith & Co. (Ltd.), Beaver Falls, Pa.
Foucart, J. E., Williamsport, Pa.
Hoe, R. & Co., 504 Grand, N. Y.
National Saw Co., 15 River, Newark, N. J., & Middletown, N. Y.
Port Huron Saw Co. (Ltd.), Port Huron, Mich.
Simonds Mfg. Co., Fitchburg, Mass.; 107 Liberty, N. Y.; Chicago, New Orleans, La.; San Francisco, Cal.; Portland, Ore., & Seattle, Wash
Southern Saw Works, Atlanta, Ga.

Saws Gang (Stone & Slate)

(See Stone Gang Sawing Machines.)

Saws (Grooving)

Atkins, E. C. & Co., Indianapolis, Ind.
Champion Saw & Gas Engine Co., Beaver Falls, Pa.
Disston, Henry & Sons (Inc.), Tacony, Phila., Pa., & Chicago, Ill.
National Saw Co., 15 River, Newark, N. J., & Middletown, N. Y.
Hoe, Robt. & Co., 504 Grand, N. Y.
Oldham, Joshua & Sons, 112 26th, Brooklyn, N. Y.
Port Huron Saw Co. (Ltd.), Port Huron, Mich.
Simons Mfg. Co., Fitchburg, Mass.
Standard Saw Co., Bradford, Pa.

Saws (Hack)

Arcade Mfg. Co., Freeport, Ill.
Athol Machine Co., Athol, Mass.
Atkins, E. C. & Co., Indianapolis, Ind.
Bernz, Otto, S. 13th c S Orange av, Newark, N. J.
Bridgeport Hardware Mfg. Corp., 481 Iranistan av, Bridgeport, Conn.
Diamond Saw & Stamping Co., Buffalo, N. Y.
Disston, Henry & Son (Rail), Tacony, Phila., Pa.
Fitchburg File Works, Fitchburg, Mass.
Goodell-Pratt Co., Grenfield, Mass.
Jennings, C. E. & Co., 42 Murray, New York
Millers Falls Co. ("Star"), 28 Warren, N. Y., & Millers Falls, Mass.
Patterson Tool & Supply Co. (Power), Dayton, O.
Robertson Mfg. Co., Buffalo, N. Y.
STRONG, CARLISLE & HAMMOND Co. (The "Victor Power"), Cleveland, O. (See adv. index, end of book)
Thompson, Henry G. & Son Co., New Haven, Conn.
West Haven Mfg. Co. (The Globe), New Haven, Conn.

Saws (Hack, Power)

(See also Saw Blades & Frames, Hack.)

Arcade Mfg. Co., Freeport, Ill.
Atkins, E. C. & Co., Indianapolis, Ind.
Athol Machine Co., Athol, Mass.
Diamond Saw & Stamping Works ("Sterling"), 357 7th, Buffalo, N. Y.
Disston, Henry & Sons, Tacony, Philadelphia, Pa.
Goodell-Pratt Co., Greenfield, Mass.
Holfer Mfg. Co., Freeport, Ill.
Jennings, C. E. & Co., 42 Murray, New York
National Saw Co., Newark, N. J.
Olmstead, L. H., Hasbrouck Heights, N. J.
Patterson Tool & Supply Co. (Electric), Dayton, O.
STRONG, CARLISLE & HAMMOND CO. (The "Victor" Power), Cleveland, O. (See adv. index, end of book)
Thompson's, Henry G. Sons Co., New Haven, Conn.
West Haven Mfg. Co. ("Globe"), New Haven, Conn.

Saws (Hand)

Andrews, E. & Sons, Williamsport, Pa.
Atkins, E. C. & Co., Indianapolis, Ind.
Bishop, Geo. H. & Co., Lawrenceburg, Ind.
Clemsen Bros., Middletown, N. Y.
Disston, Henry & Sons, Tacony, Phila., Pa.
Jennings, C. E. & Co., 42 Murray, New York
National Saw Co., 15 River, Newark, N. J., & Middletown, N. Y.
Simonds Mfg. Co., Fitzburg, Mass.

Saws (Hot, Cut-off)

(See Machines, Hot Sawing.)

Saws (Ice)

Atkins, E. C. & Co., 402 S Illinois, Indianapolis, Ind.
Baldridge & Hogan Saw Co., 6th & Baymiller, Cincinnati, O.
Clemsen Bros., Middletown, N. Y.
Disston, Henry & Sons (Inc.), Tacony, Phila., Pa.
Gerlach, Peter & Co., 28 Columbus, Cleveland, Ohio
Hoe, R. & Co., 504 Grand, New York
Michigan Saw Co., Saginaw, Mich.
National Saw Co., Newark, N. J., & Middletown, N. Y.
Oldham, Joshua & Sons, 112 26th, Brooklyn, N. Y.
Port Huron Saw Co. (Ltd.), Port Huron, Mich.
Simonds Mfg. Co., Fitchburg, Mass.
Stone's, John C. Sons, Williamsport, Pa.
Wood, W. T. & Co., Arlington, Mass.

Saws (Jig)

Hawkins Mfg. Co., 591 Atlantic av, Boston, Mass.
Port Huron Saw Co., Ltd., Port Huron, Mich.
Royle, John & Sons (Inc.), (for Metal Mortising, etc.), Straight & Essex, Paterson, N. J.

Saws (Kitchen)

Christy Knife Co., Fremont, O.
Goodell-Pratt Co., Greenfield, Mass.

Saws (Metal Slitting)

Brown & Sharpe Mfg. Co., Providence, R. I.
Le Count, Wm. G. (Metal Top), So. Norwalk, Conn.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Port Huron Saw Co., Ltd., Port Huron, Mich.
Pratt & Whitney Co., Hartford, Conn.
Thurston Mfg. Co. (Jewelers'), Providence, R. I.

Saws (Plumbers')

Bernz, Otto, S 13th c S Orange av, Newark, N. J.
Disston, H'y & Sons (Inc.), Tacony, Phila., Pa.
National Saw Co., Newark, N. J.

Saws (Rail & Shop)

(See also Shop Sawing Machines, Iron.)

FAIRBANKS, MORSE & CO, (Portable), Franklin & Marshall, Chicago, Ill. Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland, O.; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600-17 Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Ore.; 218 S W Temple, Salt Lake City; 133 Liberty, New York, & 126 Southwark, S. E., London, Eng. (See adv. index, end of book)

Saws (Scroll)

Atkins, E. C. & Co., Indianapolis, Ind.
Disston, Henry & Sons (Inc.), Tacony, Phila., Pa.
Edge, Frank & Co., Grand Rapids, Mich.
Emerson, Smith & Co., Beaver Falls, Pa.
Miller's Falls Co., Miller's Falls, Mass., & 28 Warren, N. Y.
Port Huron Saw Co. (Ltd.), Port Huron, Mich
Simonds Mfg. Co., Fitchburg, Mass.

Saws (Segment)

Atkins, E. C. & Co., Indianapolis, Ind.
Disston, Henry & Sons (Inc.), (and Veneering), Tacony, Phila., Pa.
Donaldson Bros., Rock Island, Ill.
National Saw Co., Newark, N. J., & Middletown, N. Y.
Simonds Mfg. Co., Fitchburg, Mass.
Standard Saw Co. (and Veneering), Bradford, Pa.

Saws (Swing)

American Woodworking Machinc Co., 136 Liberty, New York
Atkins, E. C. & Co., Indianapolis, Ind.
Atlantic Works (Inc.), 23d & Arch, Phila., Pa.
Bentel & Margedant Co., Hamilton, O.
Chandler & Taylor Co., Indianapolis, Ind.
Colloday, Jos. O., 626 Race, Phila., Pa.
Connell & Dengler Machine Co., Rochester, N. Y.
Cordesman Machine Co., Cincinnati, O.
Diamond Iron Works, Minneapolis, Minn.
Dodds, Alexander, Grand Rapids, Mich.
Farquhar, A. B. Co. (Ltd.), York, Pa.
Fay, J. A. & Egan Co., Cincinnati, O.
Filer & Stowell Co., Milwaukee, Wis.
Frank Machinery Co., 50 Machinery, Buffalo, N. Y.
Greaves, Klusman & Co., c Cook & Alfred. Cincinnati, O.
Hobbs Mfg. Co., Worcester, Mass.
Holmes, E. & B. Machinery Co., Buffalo, N. Y.
Howell, R. R. & Co., Minneapolis, Minn.
Huntsville Foundry & Machine Works, Nolan & Jones (Prop's), Huntsville, Ala.
Knight Mfg. Co., Canton, O.
Lane Mfg. Co., Montpelier, Vt.
Lane & Bodley Co., c John & Water, Cincinnati, O.
Luther, B. G. & Co., Worcester, Mass.
Murray, D. J. Mfg. Co., Wausau, Wis.
Port Huron Saw Co. (Ltd.), Port Huron, Mich.
Porter, C. O. & A. D., Grand Rapids, Mich.
Power, L. & Co., 20 S 23d, Phila., Pa.
Rockwood Mfg. Co., 1801 English av, Indi'pul 'sıjodnuuıpuI
Seymour & Whitlock, 43 Lawrence, Newark, N. J.
Smith, H. B. Machine Co., Smithville, N. J., & 121 Liberty, N. Y.
Southern Engine & Boiler Works, Jackson, Tenn.
Standard Saw Mill Machinery Co., Erie, Pa.
Strait, H. N. Mfg. Co. (For Cooperage, etc.). Kansas City, Mo.
Union Iron Works, Bangor, Me.
U. S. Machine Co. (Iron Frame), Williamsport, Pa.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Wheland Machine Works, Chattanooga, Tenn.
White, John A. Co., Dover, N. H.
Wickes Bros., Saginaw, Mich.
Yerkes & Finan Woodworking Mahine Co., St. Louis, Mo.

Scaffold Builders

Brown, J. K. & Co., 183 3d av, Brooklyn, N. Y.
Chesebro, Whitman & Co., 1167 1st av, N. Y.
Gilbreth, Frank B., 176 Federal, Boston, Mass.
Miller Ladder Co., 66 Ogden pl, Chicago
Murray Bros. (Scaffold Rental Agency), (Combination Adjustable), Minneapolis, Minn.
Stortz, Jno. & Son, 210 Vine, Phila., Pa.

Scagliola Work

(Sce Marble, Artificial.)

Scales (Automatic)

RICHARDSON SCALE CO., 15 Park Row, New York, & 47 Plymouth pl, Chicago, Ill.
Streeter-Amet Weighing & Recording Co., 140 Dearborn, Chicago

Scales (Cement Testing)

(See Cement Testing Machines)

Scales (Computing)

Arithmetical Scale Co., Chattanooga, Tenn.
Computing Scale Co. of America, Saugatuck, Conn., & Dayton, O.
National Computing Scale Co., Cleveland, O. Works, Beaver Falls, Pa.
Standard Computing Scale Co., Detroit, Mich.
Stimpson Computing Scale Co., Elkhart, Ind.
Toledo Computing Scale Co., Toledo, O.
Wilmore Computing Scale Co., Newark, N. J.

Scales (Counter)

Chicago Scale Co., 292 W Jackson boul, Chicago, Ill.
Standard Scale & Supply Co., 211 Wood, Pittsburg, Pa.

Scales (Dump)

Standard Scale & Supply Co., 211 Wood, Pittsbur, Pa.

Scales (Family)

American Cutlery Co. (Steel & White Tile Top), 193 Mather, Chicago, Ill.

Scales for Balancing Planer Saws

Munson Co., Grand Rapids, Mich.

Scales for Drawing

LUFKIN RULE CO., Saginaw, Mich., U. S. A. Branches, 280 B'way, New York, & 48 Lime, E. C., London, Eng. (See adv. index, end of book)
SOLTMANN, E. G. (Also Everything for the Arhcitect, Engineer & Draughting Room), 125 E 42d, New York. (See adx. index, end of book)

Scales (Grain Testing)

Cincinnati Scale Mfg. Co., 212 Walnut, Cincinnati, O.
Fairbanks, E. & T. Co., St. Johnsbury, Vt.
Howe Scale Co., Rutland, Vt.; 341 B'way, N. Y.; 145 Franklin, Boston, Mass.; 433 Market, Phila., Pa., & 326 Main, Cincinnati, O.
Jones, of Binghamton, N. Y.
Nordyke & Marmon Co., Indianapolis, Ind.

Scales (Hopper)

Brunner, Chas., Peru, Ill.
Chicago Scale Co., 292 W Jackson boul, Chicago, Ill.
Cincinnati Scale Mfg. Co., 212 Walnut, Cincinnati, O.
Fairbanks Co., 186 Elm, New York; 701 Arch, Phila., Pa.; 44 Pearl, Boston; 19 Light, Baltimore; 364 B'way, Albany, N. Y.; 610 Canal, New Orleans; 210 Main, Buffalo, N. Y.; 238 3d av, Pittsburg, Pa.; 78 City rd, London, Eng., & 749 Craig, Montreal, Canada
Howe Scale Co., Rutland, Vt.; 341 B'way, N. Y.; 145 Franklin, Boston, Mass.; 433 Market, Phila., Pa., & 326 Main, Cincinnati, O.
Hunt, C. W. Co., 45 B'way & West New Brighton, New York City
Kansas City Hay Press Co., Kansas City, Mo.
Mead-Morrison Mfg. Co., 11 B'way, New York; Boston, Mass., & Chicago, Ill.
Putnam & Co., 244 Water, New York
RICHARDSON SCALE CO., 15 Park Row, & 47 Plymouth pl, Chicago, Ill.
Snead & Co. Iron Works, Jersey City, N. J.
Standard Scale & Supply Co., Pittsburg, Pa
Strait, H. N. Mfg. Co. ("Monarch Dormant"), Kansas City, Mo.

Scales (Platform or Wagon)

Beckman Bros., Des Moines, Iowa
Brunner, Charlcs, Peru, Ill.
Buffalo Scale Co., Buffalo, N. Y.
Chatillion, Jno. & Sons (Portable Platform only), 85 Cliff, New York
Chicago Scale Co., 292 W Jackson boul, Chicago
Cincinnati Scale Mfg. Co., 212 Walnut, Cincinnati, O.
Fairbanks Co., 186 Elm, New York; 701 Arch, Phila., Pa.; 44 Pearl, Boston; 19 Light, Baltimore; 364 B'way, Albany, N. Y.; 610 Canal, New Orleans; 210 Main, Buffalo, N. Y.; 238 3d av, Pittsburg, Pa.; 78 City rd, London, Eng., & 749 Craig, Montreal, Canada
Fairbanks, E. & T. Co., St. Johnsbury, Vt.
Gaston's, N. B. Sons Co., Beloit, Wis.
Grand Rapids Scale Works, Grand Rapids, Mich.
Hartman, F. & Co., Grand Rapids, Mich.
Howe Scale Co., Rutland, Vt.; 145 Franklin, Boston; 341 B'way, N. Y.; 433 Market, Phila., Pa., & 326 Main, Cincinnati, O.
Hunt, C. W. Co (for Railways & Boiler Rooms), 45 B'way, New York. Works: W. New Brighton, S. I., N. Y.
Jones, of Binghamton, Binghamton, N. Y.
Kansas City Hay Press Co., Kansas City, Mo.
Kimball Bros. Co., Council Bluffs, Iowa
Knowles Scale Works (Platform only), Lowell, Mass.
Lowell Scales Co., Lowell, Mass.
McDonald Bros. (Wagon & Stock), Pleasant Hill, Mo
Meyer Scale & Hdw. Co., 15 Canfield, Newark, N. J.
Moline Pump Co., Moline, Ill.
Moline Scale Co., Moline, Ill.
Monarch Grubber Mfg. Co., Lone Tree, Iowa
Monarch Scale & Mfg. Co., 10 Court av, Des Moines, Ia.
Nordyke & Marmon Co., Indianapolis, Ind.
Osgood Scale Co., Binghamton, N. Y.
Standard Scale & Supply Co., Pittsburg, Pa.
Strait, H. N. Mfg. Co. ("Monarch"), Kansas City, Mo.

Scales (Postal)

HURD & CO., 304 Hudson, New York. (See adv. index, end of book)
Pelouze Scale & Mfg. Co., 118 W Jackson boul, Chicago
Tatum, Sam'l O. Co., 414 W Water, Cincinnati, O.

Scales (Rolling Mill)

Standard Scale & Supply Co., 211 Wood, Pittsburg, Pa.

Scales (Sample Weighing)

Brown & Sharpe Mfg. Co., Providence, R. I.

Scales (Spring)

Chatillion, Jno. & Sons, 85 Cliff, New York
Landers, Frary & Clark, New Britain, Conn.

Scales (Stock)

Chicago Scale Co., 292 W Jackson boul, Chicago, Ill.
Strait, H. N. Mfg. Co. ("Monarch"), Kansas City, Mo.

Scales (Tipple)

Niles Mine & Mill Supply Co., Williamson bldg, Cleveland, O. & Niles, O.
Standard Scale & Supply Co., 211 Wood, Pittsburg, Pa.

Scales (Track)

Beckman Bros., Des Moines, Iowa
Brunner, Chas., Peru, Ill.
Chicago Scale Co., 292 W Jackson boul, Chicago, Ill.
Cincinnati Scale Mfg. Co., 212 Walnut, Cincinnati, O.
Fairbanks Co., 186 Elm, New York; 701 Arch, Phila., Pa.; 44 Pearl, Boston; 19 Light, Baltimore; 364 B'way, Albany, N. Y.; 610 Canal, New Orleans; 210 Main, Buffalo, N. Y.; 238 3d av, Pittsburg, Pa.; 78 City rd, London, Eng., & 749 Craig, Montreal, Canada
Howe Scale Co., Rutland, Vt.; 341 B'way, New York; 145 Franklin, Boston; 433 Market, Phila., Pa., & 326 Main, Cincinnati, O.
Hunt, C. W. Co., West New Brighton, & 45 B'way, New York City
Kansas City Hay Press Co., Kansas City, Mo.
Mead-Morrison Mfg. Co., 11 B'way, New York; Boston, Mass., & Chicago, Ill.
Standard Scale & Supply Co., 211 Wood, Pittsburg, Pa.
Strait, H. N. Mfg. Co. ("Monarch"), Kansas City, Mo.

Scalpers (Corn Mill)

Nordyke & Marmon Co. (Round Reel & Hexagon), Indianapolis, Ind.

Scenic Artists

Hagen, Claude L., 627 W 57th, New York
Kirchefer, H. A., Ft. Wayne, Ind.
Lash, Lee Studios, 142 W 39th, New York
Moses & Hamilton, 1447 B'way, New York
Sosman & Landis, 236 S Clinton, Chicago, Ill.
Story, O. L., 21 Tuffts, Somerville, Mass.

Scoops (Coal)

(See also Shovel & Spade Mfrs.)

Avery Stamping Co., Cleveland, O.
Central Stamping Co., 4 Cliff, New York
Hussey-Binns Shovel Co. (Ltd.) (Crucible Cast Steel), 541 Wood, Pittsburg, Pa. Works, Charleroi, Pa
Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Jackson Shovel & Tool Co., Montpelier, Ind.. & Market & Randolph, Chicago, Ill.
National Enameling & Stamping Co., Cass av & 2d, St. Louis, Mo., & B'way & White, New York
Pittsburg Shovel Co., Frick bldg, Pittsburg, Pa. Works, Leechburg, Pa.
Stoutenborough, X., 277 Pearl, New York
Toledo Stamping Co., Toledo, O.
Union Furnace Mfg. Co., Morrell, Pa.

Scoops (Furnace)

Hussey-Binns Shovel Co. (Ltd.) (Crucible Cast Steel for all Purposes), 541 Wood, Pittsburg, Pa. Works Charleroi, Pa.
Union Furnace Mfg. Co., Morrell, Pa.

Scoops (Grain)

Hussey-Binns Shovel Co. (Ltd.) (Crucible Cast Steel), 541 Wood, Pittsburg, Pa. Works, Charleroi, Pa.
Pittsburg Shovel Co., Frick bldg, Pittsburg, Pa. Works, Leechburg, Pa.
Union Furnace Mfg. Co., Morrell, Pa.

Scoops (Tunneling)

Pollard, Jos. G., 141 Raymond, Brooklyn, N. Y.

Scourers (Wheat & Buckwheat)

Sprout, Waldron & Co., Muncy, Pa.

Scow Builders (River)

Howard Ship Yards Co. (Scow & Barge), Jeffersonville, Ind.
Moore, Enoch (Also Car Floats & Steam Lighters), Wilmington, Del.
Perth Amboy Dry Dock Co. (Brick & Freight), Perth Amboy, N. J.
Petersburg Iron Wks. Co. (Decked or Dumping), Petersburg, Va.

Scrap Iron & Steel

(This list is published for Purchasing Purposes and comprises only the Larger Firms who make a specialty of Scrap Iron & Steel.)

ALABAMA

BIRMINGHAM—Birmingham Iron & Supply Co.
Weller, J. P.

CALIFORNIA

SAN FRANCISCO—Burnstine Bros., 534 Brannan
Harley, Chas. Co., 844 Harrison

COLORADO.

DENVER—Consolidated Iron & Metal Co., 2209 Larimer

CONNECTICUT

BRIDGEPORT—Rogers, M. H., 461 Housatonic av
WATERBURY—Waterbury Scrap Iron Co.

DELAWARE

WILMINGTON—Stirlith Bros.

GEORGIA

ATLANTA—May & Spalding, Equitable bldg

ILLINOIS

CHICAGO—Block-Pollak Iron Co., Marquette bldg
Blonder Bros., 161 W Chicago av
Bregman, L. I. & Co., Railway Exch. bldg
BUDA FOUNDRY & MFG. CO. Railway Exch. bldg. (See adv. index, end of book)
Goldstein & Marks, 112 W Harrison
Illinois Iron & Metal Co., 183 W Taylor
Joseph, Isaac Iron Co., Monadnock blk
Lanski, I. & Son Co., W 22d cor S Jeff
Levine, A. & Co., 1461 State
Marks, H. & Son, 7 Blue Island av
Morris, S. & Co., 462 S Canal
Ohio Iron & Metal Co., First Natl. Bank bldg
Stern, Harris, 272 S Clinton
Western Iron & Steel Co., 40th & Union
Williams, Jacob, 403 S Canal av
HARVEY—**BUDA FOUNDRY & MFG. Co.** (See adv. index, end of book)
PEORIA—Cohen, M. J., 2500 S Wash'n
Lanski, I. & Son Scrap Iron Co., ft Walnut
QUINCY—Rupp, Geo. & Bros. Co.

INDIANA

EVANSVILLE—Fligeltaub, Henry
Ritter & Sauer
INDIANAPOLIS—Falender, S. & Co.

KENTUCKY

LOUISVILLE—O'Brien, P.
Weber, Simon & Son

LOUISANNA.

NEW ORLEANS—Doran, Wm.
Marx, Alphonse

MARYLAND

BALTIMORE—Monumental Iron & Metal Co., 228 W Pratt
Wehr, H. & Co., Pratt & President
Woolford, N. B., 914 S B'way

MASSACHUSETTS

BOSTON—Broomfield, Philip & Co., 309 Atlantic av
Doane, G. B. & Son, Midway, S. B.
Eastern Forge Co. (of Massachusetts), 70 Kilby
Houdlette, Fred. A. & Son, 93 Broad
Miller Bros., 280 Bremen (E. B.)
Perry, Wm. H. Co., 43 Stillings
Stewart, Jas. & Co., 240 A, S. B.
FALL RIVER—Dunn, Wm. J.
FITCHBURG—Hardy, John
HOLYOKE—Fisk, H. P. & Sons
NEW BEDFORD—McCollough, John
SPRINGFIELD—Ehrlich, A. B. & Co.
WORCESTER—Buxton, E. & Son Co.

MICHIGAN

DETROIT—Cohen, Alex. Iron Co., 20 Franklin
Ginsburg, R. L. & Sons, 84 Adelaide
Goldman, A. & Co., 299 Beaubien
Riverside Scrap Iron & Metal Co.
KALAMAZOO—Polasky, Geo.
LANSING—Simon, Abram (Estate of)
SAGINAW—Clinkofstine, Layne S.

MINNESOTA.

MINNEAPOLIS—George, J. W., 303 S 3d

MISSOURI

ST. LOUIS—Mayer, Moritz & Son, 4206 Finney av
Sonken, Goldstein & Co., 704 S 3d
Werthan & Co., ft Dorcas

NEW JERSEY

HOBOKEN—Lehman Bros.
NEWARK—Benisch, Chas. & Son
PERTH AMBOY—Gregory, Jno. H.
PHILLIPSBURG—Gibney, Nicholas
Vetter, Casper & Son

NEW YORK

BUFFALO—Benjamin Iron & Steel Co., D. S. Morgan bldg
Fischer, A., 66 Terrace
Ginsburg, R. L. & Sons
Hofeller, Theo. & Co., 98 Terrace
Lichtenstein, M. & Son, 350 Clinton
Michel, Louis, 29 Wash'n
Ullman, Jacob, 44 Lloyd
Ullman's, D. Sons, 229 Van Rensselear
NEWBURGH—Hart, Patrick

NEW YORK CITY

Borough of Brooklyn

BROOKLYN—Alexandre & Meyer, 150 3d av
Blume, H., 556 Myrtle av
Samuel, M. & Sons, 214 Kent av
Smith, Thos. & Son, 445 Leonard
Watson, Andw., 44 Withers

Boroughs of Manhattan & Bronx

NEW YORK CITY—Blake, M. J. & M., 79 10th av
Continental Iron & Steel Co., 68 Broad
Danvers, R. E., 428 E 18th
Kahn Bros., 525 E 19th
Leonard, Jno. & Co., 149 B'way
Metropolitan Iron & Steel Co., 210 11th av
Seymour, Chas. F., 72 10th av
Smith, Morton B. Co., 243 Front
U. S. Metal & Mfg. Co., 25 Broad

Borough of Queens

LONG ISLAND CITY—Daly, Jno. J.

(END OF NEW YORK CITY.)

ROCHESTER—Allen & Hurwitz
Hey & Co.

OHIO

CANTON—Canton Iron & Metal Co.
Dreyer, Geo. & Co.
CINCINNATI—Fettig, Jos., 1910 Plum
Hilb & Bauer, 824 W Front
Joseph, Isaac Iron Co., 525 Reading rd
Klein & Cohn, 830 Wade
Wolf, L. & Bro., Mitchell bldg
CLEVELAND—Cohen, Nagusky & Co., 184 Wilson av
Schwarzenberg, E. A., Garfield bldg
Schwarzenberger, Henry L. Rail Co., Cuyahoga bldg
Shimer, Saml. M. Co., Meech c Angeline
DAYTON—Israel Bros.
NORWALK—Rotter, A.
SPRINGFIELD—Landau & Schall

PENNSYLVANIA

ALLEGHENY—Dreifus, Jos., Park bldg
Jones, J. B. & Co., 712 Lacock, E A
Solomon, Julius, 2025 Knox
Streng, M. Sons Co.
ALLENTOWN—Sofransky, H. & Son
DANVILLE—Deen-Perry Co.
ERIE—Brown & Thomas
Quigley, Martin
LANCASTER—Hahn, J. F.
NORRISTOWN—Furlong, Andrew
Gotwals, W. L.
OXFORD—Doyle, Patrick
PHILADELPHIA—Bailey, R. M. & Co., Arcade bldg
Bush, Chas., Drexel bldg
Buxton, E. & Son Co. (of Worcester, Mass.), Penna. bldg
Caine & Plitt, Real Estate Trust bldg
Conrad, Thos. P., 119 S 4th
Cox, Justus J. & Co., Land Title bldg
Cunliffe, Robt. M., 140 Wash'n av
De Cou, Richard, 12th & Noble
Dreifus, Chas. & Co., No American bldg
Dreifus, Emanuel & Co., Arcade bldg
Eckbold's, Wm. Sons, 707 E Girard av
Fraley, S. C. & Sons, 515 Richmond
Gillingham, H. F. & Co., 2131 Master
Girard Iron & Metal Co., E York & Aramingo
Goldstein's, L Sons, Richmond & E Allegheny avs
Henning, Jno. & Son, 1016 E Susquehanna av
Hitner's, Hy. A. Sons (Also Metals, etc.), 2239 Vine
Houston, C. B. & Co., Girard bldg
Johnson, Geo. T. & Co., Penna. bldg
Kaiser, A. V. & Co., 222 S 3d
Kecley, Jerome & Co., 421 Chestnut
Kensil, Lewis & Co., 1024 Gtn av
Law, Ernest & Co., Harrison bldg
Mohr, J. J. (Old Car Wheels, etc.), Bullitt bldg
Newkirk, Jno. B. & Co., Harrison bldg
Perry, W. H. Co., Real Est Trust bldg
Phillips, F. R. & Sons Co., Penna bldg
Purves Machinery & Iron Co., 17 South
Samuel, Frank (Firm of), Harrison bldg
Tyroler Bros., 19th & Wash'n av
Weston, Donaldson (Relaying Rails, etc.), 421 Chestnut
Wheeler, Mifflin & Co., Arcade bldg
Wilson, E. H. & Co., Arcade bldg
Wister, L. & R. & Co., Bullitt bldg
Wood, A. M. Co., Arcade bldg
PITTSBURG—Bowes, Homer, Bijou bldg
Dreifus, Chas. & Co., Frick bldg
Foster & Green, Farmers' Bank bldg
Higgins & Son, Pike nr 18th
Kochler & Streng Co., 2830 Liberty av
McDermott, Jno. J., 1st cor Penn av
McLean, Geo. A. & Co., Lewis blk
Maloney, T. J., Railroad & 29th
Moore, Edgar M. & Co., Farmers' Bank bldg
WILKESBARRE—Meyer Bros.

RHODE ISLAND

PROVIDENCE—Higgins, J. H. & Co.
Perry, Wm. H. Co.
Pettis, B. H. Co.

WISCONSIN

LA CROSSE—La Crosse Scrap Iron & Metal Co.
MILWAUKEE—Hendee, C. A. Co.
Jones, E. P. & Bro.

Scrap Rubber

Bers, E. & Co., 22 S Delaware av, Philadelphia, Pa.
Broomfield, Philip & Co., 309 Atlantic av, Boston, Mass.
Grimm, Paul, 309 Water, New York
Hofeller, Theo. & Co., 98 Terrace, Buffalo, N. Y.
Lehman Bros., Hoboken, N. J.
Moers, E. M. & Sons, 7 James Slip, N. Y.

Scrapers (Box & Plumbers')

Atkins, E. C. & Co., Indianapolis, Ind.
Bernz, Otto, S 13th c S Orange av, Newark, N. J.
Bradley's, G. W. Sons, Westport, Conn.
Braunsdorf-Muller Co., Elizabeth, N. J.
Britt & Page (Universal Wood), Lowell, Mass.
Carver Tool Works, Spring Valley, N. Y.
Chapin-Stephens Co., Pine Meadows, Conn.
Dicke Tool Co., Downers Grove, Ill.
Drew, C. & Co., Kingston, Mass.
Kraeuter & Co., 577 18th av, Newark, N. J.
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, C., & 27 Murray, New York. (See adv. index, page 1200)
Stortz, Jno. & Son, 210 Vine, Phila., Pa.

Scrapers (Burning Off)

Stortz, Jno. & Son, 210 Vine, Phila., Pa.

Scrapers (Coke)

Niles Mine & Mill Supply Co., Williamson bldg, Cleveland, O., & Niles, O.
Solid Steel Tool & Suppply Co., Farmers' Bank bldg, Pittsburg, Pa.

Scrapers (Cotton)

Avery, B. F. & Sons, Louisville, Ky.
Blount, Henry F., Evansville, Ind.
Hall, Jas. H. Plow Co., Maysville, Ky.
Rock Island Plow Co., Rock Island, Ill.
Southern Plow Co., Columbus, Ga.

Scrapers (Drag Wheel)

(See Road Scrapers, Drag & Wheel.)

Scrapers (Floor)

Osborn Mfg. Co. (Iron Head Rubbers), Cleveland, O.

Scrapers (Foot)

Arcade Mfg. Co., Freeport, Ill.
National Novelty Corporation, 826 B'way, New York
Pratt, Wm. E. Mfg. Co. (Steel), 91 Lake, Chicago, Ill.
Stover Mfg. Co., Freeport, Ill.
Weller Hardware & Foundry Co. (Cast), Horseheads, N. Y.
Wilcox Mfg. Co. (Steel), Aurora, Ill.

Scrapers (Painters' & Paperhangers')

McNiece, Wm. & Son, 515 Cherry, Phila., Pa.

Scrapers (Pipe Line)

PETROLEUM IRON WORKS CO. (The "Klein"), Washington, Pa., & Farmers' Bank bldg, Pittsburg, Pa. (See adv. index, end of book)

Scrapers (Pot & Kettles)

Christy Knife Co. ("Eslipse" Flexible), Fremont, O.

Scrapers (Self-Filling)

LIDGERWOOD MFG. CO., 96 Liberty, New York, & Old Colony bldg, Chicago. (See adv. front colored page)

Scrapers (Ship)

Mack & Co., Rochester, N. Y.

Scrapers (Sidewalk)

Jackson Shovel & Tool Co. (Steel), Montpelier, Ind., & Market & Randolph, Chicago, Ill.
Union Furnace Mfg. Co., Morrell, Pa.

Scrapers (Stove)

Lasmoon & Sessions Co., Cleveland, O.

Scrapers or Cleaners (Track)

Barbour-Stockwell Co., Cambridgeport, Mass.
Brill, J. G. Co., 62d & Woodland av, Phila., Pa.
Dorner Truck & Foundry Co., Logansport, Ind.
Ohio Brass Co., Mansfield, O.
Peckham Mfg. Co., 26 Cortlandt, New York
Root Track Scraper Co., Kalamazoo, Mich.
Van Dorn & Dutton Co., Cleveland, O.

Scrapers (Wall)

Bonney Vise & Tool Works (Steel), 3015 Chestnut, Phila., Pa.

*Screen Door Checks

Arcade Mfg. Co. ("The Warner"), Freeport, Ill.
Caldwell Mfg. Co. (Caldwell & Dimc), Rochester, N. Y.
Sargent & Co. (the No Slam), New Haven, Conn. & 151 Leonard, New York

Screens (Clay & Cement)

American Clay Working Machinery Co., Bucyrus, O.
Dunlap Mfg. Co., Bloomington, Ill.
Jeffrey Mfg. Co., Columbus, O.
Raymond, C. W. Co., Dayton, O.

Screens (Fire Place)

(See Fire Place Furnishings.)

Screens (Foundry)

Standard Sand & Machine Co. (Power or Hand), 1509 St. Clair, Cleveland, O.

Screens (Mining)

Allis-Chalmers Co., New York Life bldg, Chicago, Ill., & 71 B'way, New York. Works, Chicago, Milwaukee, & Scranton, Pa.
Barbee Wire & Iron Works, Lafayette, Ind., & 44 Dearborn, Chicago, Ill.
California Perforating Screen Co., 147 Beale, San Francisco, Cal.
Carbondale Machine Co., Carbondale, Pa.
Clinton Wire Cloth Co., Clinton, Mass., & 237 Lake, Chicago, Ill.
Colorado Iron Works Co., Denver, Col.
Connellsville Machine & Car Co., Connellsville, Pa.
Davis, F. M. Iron Works Co., 8th & Larimer, Denver
Denver Eng. Works Co., Denver, Col.
Dufur & Co., 311 N Howard, Baltimore, Md.
Eagle Iron Works (Shaking, etc.), Terre Haute, Ind.
Earlington Iron Works (For Coal, etc.), Earlington, Ky.
Hamilton, Wm. Mfg. Co., Peterborough, Ontario, Can.
Harrington & King Perforating Co., 224 N Union, Chicago
HOISTING & CONVEYING MACHINERY CO., 44 N Elizabeth, Chicago, Ill. (See adv. index, end of book)
Howard & Morse, 45 Fulton, New York
Littleford Bros., 453 E Pearl, Cinn., O.
Lucas, A. & Sons (Coal Mine Shaking), Peoria, Ill.
Mecklenburg Iron Works, Charlotte, N. C.
MERRITT & CO., 1024 Ridge av, Phila. (See adv. index, end of book)
MICHIGAN WIRE CLOTH CO., 500 Howard, Detroit, Mich. (See adv. index, end of book)
Mine & Smelter Supply Co., Blake & 17th, Denver, Col.; 139 Liberty, N. Y.; El Paso, Tex., & Salt Lake City, Utah
Mundt, Chas. & Sons, 441 Pearl, New York
Niles Mine & Mill Supply Co., Niles, O.
Power & Mining Machinery Co., 52 Willia,m New York. Works, Cudahy, Wis.
Prox & Brinkman Mfg. Co., Terre Haute, Ind.
San Francisco Pioneer Screen Works, 221 1st, San Francisco, Cal.
South St. Louis Foundry, 7516 S B'way, St. Louis, Mo.
TYLER, W. S. CO., 1150 St Clair. Cleveland, O. (See adv. index, end of book)
Urie Boiler & Machine Co., Kansas City, Mo.
Vulcan Iron Works, Wilkesbarre, Pa.
West Pittston Screen Works (Wire Coal Screens), West Pittston, Pa.

Screens (Revolving & Shaking)

Acme Road Machinery Co., Frankfort, N. Y.
Allis-Chalmers Co., New York Life bldg, Chicago, Ill., & 71 B'way, New York. Works, Chicago, Milwaukee, & Scranton, Pa.
American Road Machine Co., Kennett Square, Pa.
Bonnot Co. (Clay Working), Canton, O.
Day, J. H. Co. (Sands, Clay, etc.), Cincinnati, O., & 76 Park pl, N. Y.
Eagle Iron Works, Terre Haute, Ind.
Exeter Machine Works, Pittston, Pa.
Harrington & King Perforating Co., 224 N Union, Chicago, Ill.
HOISTING & CONVEYING MACHINERY CO., 44 N Elizabeth, Chicago, Ill. (See adv. index, end of book)
Howard & Morse, 45 Fulton, N. Y.
Kenney & Co., Scottdale, Pa.
Krom Machine Works, Jersey City, N. J.
Link Belt Engineering Co. (Revolving Coal, etc.), Nicetown, Phila., Pa.; 47 Dey, New York, & Park bldg, Pittsburg, Pa.
Littleford Bros., 453 E Pearl, Cincinnati, O.
Lucas, A. & Sons (Coal Mine Shaking), Peoria, Ill.
MICHIGAN WIRE CLOTH CO., 500 Howard, Detroit, Mich. (See adv. index, end of book)
Monogahela Mfg. Co., Monongahela, Pa.
Mundt, Chas. & Sons, 441 Pearl, New York
Murphy, Christopher & Co. ("Hanna" Portable Pneumatic), 204 Dearborn, Chicago, Ill.
Nelsonville Foundry & Machine Co., Nelsonville, O.
Pacific Tank Co., 35 Beale, San Francisco, Cal., & Los Angeles, Cal.
Phillips Mine & Mill Supply Co. (Shaking), Pittsburg, Pa.
San Francisco Pioneer Screen Works, 2221 1st, San Francisco, Cal.
Steel Cable Engineering Co. (Revolving), 92 State, Boston, Mass.
Steele & Condict, Pearl & Steuben, Jersey City, N. J.
Taylor Iron & Steel Co., High Bridge, N. J., & 253 B'way, N. Y.
TYLER, W. S. CO., 1150 St. Clair, Cleveland, O., & Bessemer bldg, Pittsburg, Pa. (See adv. index, end of book)
Union Iron Works, 222 Market, San Francisco, Cal.
Vulcan Iron Works, Wilkesbarre, Pa.
Wallace, Saml., White Haven, Pa.
Western Wheeled Scraper Co., Aurora, Ill.
Williamsport Clutch & Pulley Co. (Revolving), Williamsport, Pa.

Screens (Revolving Water)

Sandy Hill Iron & Brass Works, Sandy Hill, N. Y.

Screens (Safe Deposit)

WINSLOW BROS. CO., Main Office & Works, 368 Carroll av, Chicago, Ill.; 160 5th av, New York; 326 4th av, Pittsburg, Pa.; Colonial Trust bldg, St. Louis, Mo.; Hennen bldg, New Orleans, La.; 121 New Montgomery, San Francisco, Cal., & Andrus bldg, Minneapolis, Minn. (See adv. index, end of book)

Screens (Sand, Coal & Gravel)

Aitchison, Robt. Perforated Metal Co., 303 Dearborn, Chicago, Ill.
Ames Plow Co., Quincy Hall, Boston, Mass.
Atlanta Wire & Iron Works Co., Atlanta, Ga.
Barnum, E. T. Wire & Iron Works, Detroit, Mich.
Barbee Wire & Iron Works, 44 Dearborn, Chicago, Ill., & Lafayette, Ind.
Bigelow, Cheney Wire Works, Springfield, Mass.
Buffalo Wire Works Co., Buffalo, N. Y.
Cabble, Wm. Excelsior Wire Mfg. Co., 43 Fulton, New York, & 88 Ainslie, Brooklyn, N. Y.
California Perforating Screen Co., Howard & Fremont, San Francisco, Cal.
Carbondale Machine Co., Carbondale, Pa.
CINCINNATI MFG. CO., 1243 W 6th, Cincinnati, O. (See adv. index ,end of book)
Clinton Wire Cloth Co., Clinton, Mass.; 33 Park Pl., N. Y., Sears bldg.; Boston, Mass., & 237 Lake, Chicago, Ill.
Darby, Edward & Sons, 233 Arch, Phila., Pa.
Earlington Iron Works, Earlington, Ky.
Estey Wire Works Co., 59 Fulton, N. Y.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.; 153 Lake, Chicago, Ill., & 42 Cliff, N. Y.
Harrington & King Perforating Co., Chicago, Ill.
Howard & Morse, 45 Fulton, N. Y.
Hunt, C. W. Co., 45 B'way, & West New Brighton, N. Y. City
Kenney & Co., Scottdale, Pa.
Link Belt Engineering Co. (Also Phosphate), Nicetown, Phila., Pa.; 47 Dey, New York, & Park bldg, Pittsburg, Pa.
Littleford Bros., 453 E Pearl, Cincinnati, O.
Meyers, Fred. J. Mfg. Co., Hamilton, O.
MICHIGAN WIRE CLOTH CO., 500 Howard, Detroit, Mich. (See adv. index, end of book)
Mundt, Chas. & Sons, 441 Pearl, New York
Phillips Mine Supply Co., Pittsburg, Pa.
Phoenix Wire Works, Detroit, Mich.
Syracuse Wire Works, 315 E Water, Syracuse, N. Y.
TYLER, W. S. CO., Cleveland, O.; 11 B'way, New York, & Bessemer bldg, Pittsburg, Pa. (See adv. index, end of book)
Vulcan Iron Works Co., Wilkesbarre, Pa.
What Cheer Wire Works, Providence, R. I.
Wickwire Bros., Cortlandt, N. Y.
Wisconsin Iron & Wire Works, 186, E. Water, Milwaukee, Wis.
WRIGHT WIRE CO. (Also Revolving), Worcester, Mass. (See adv. index, end of book)

Screens (Suction)

Sandy Hill Iron & Brass Works ("Packers" Diaphragm for Paper Mills), Sandy Hill, N. Y.

Screens (Window, Metal Frame)

American Screen Co., Brookline, Mass., & 95 Liberty, N. Y.
Higgin Mfg. Co., Newport, Ky.
LAWES, GEORGE H. & CO. (Mfrs.' Agts.), 4th & Jackson, St. Paul, Minn. (See adv. index, end of book)
Metal Frame Window Screen Co., Decatur, Ind.

Screens (Window & Door)

(Wholesale Mfrs. are so indicated between their name and address.)

American Parquetry Floor Co., 143 S 13th, Phila., Pa.
American Screen Co. (Wholesale Mfrs.), Brookline, Mass., & 150 Nassau, New York
American Screen Door Co. (Wholesale Mfrs.), Adrian, Mich.
American Window Screen Co., Penna bldg, Phila., Pa.
Atlanta Wire & Iron Works Co., Atlanta, Ga.
Bachman, R. K. & Bro. (Wholesale Mfrs.), Riegelsville, Pa.
Beall, A., c Jersey & Ontario, Wheeling, W. Va.
Bostwick-Godell Co., Norwalk, O.
Buff City Lumber Co. (Wholesale Mfrs.), Pine Bluff, Ark.
Burrowes, E. T. Co. (Mfrs.; also Wire Inset Screens), Portland, Me.; 92 State, Chicago, Ill., 53 State, Boston, Mass.; Real Estate Trust bldg, Phila., Pa., & 277 B'way, N. Y.
Car & Adams Co., Des Moines, Ia.
Clark, A. W. Lumber Co. (Wholesale Mfrs.), Menominee, Mich.
Cortland Door & Window Screen Co., Cortland, N. Y.
Curtis & Yale Co., Wausau, Wis.
Cypress Tank & Mfg. Co. (Wholesale Mfrs.), Patterson, La.
Dallas Screen Co., Dallas, Tex.
DeWitt Wire Cloth Co., 703 Market, Phila., Pa.; 17 Warren, N. Y., & Belleville, N. J.
DODGE, H. B. & CO., 108 La Salle, Chicago, Ill.
Dow Wire Works Co., 730 W Market, Louisville, Ky.
Fish, A. E. & Co., Keene, N. H.
Friedel, P. R. & Co. (Safe Mfrs. of "Ideal" Screws), Memphis, Tenn.
Fuller & Rice Lumber & Mfg. Co. (Wholesale), Grand Rapids, Mich.
Hart Mfg. Co. (Wholesale Mfrs.), Greenville, O.
Hartman Sliding Blind Co., Bowling Green, Ky.
Hatch Mfg. Co. (Wholesale Mfrs.), Dallas, Tex.
Higgin Mfg. Co. (Metal Frame), Newport, Ky.
Hipolito Screen & Sash Co., Los Angeles, Cal.
Holm's Pattern & Model Works, 116 1st av, N Minneapolis, Minn.
Horseheads Screen Door Co., Horseheads, N. Y.
Howard & Morse, 45 Fulton, N. Y.
Hubbell & Son, 169 E 39th, Chicago
Huebner Screen Door Co., Farnsworth av & Dequindre, Detroit, Mich.
Introstyle Novelty Mfg. Co., Marietta, O.
I. X. L. & Goshen Pump Co. (Extension, etc.), Goshen, Ind.
Kane Sliding Blind Co., Kane, Pa.
Langeland Mfg. Co. (Wholesale), Muskegon, Mich.
Laverock, Jno. & Son (Wholesale Mfrs.), Owosso, Mich.
Lyle, W. B. (Wholesale Mfr.), Ripon, Wis.
McGraft N. & Son (Wholesale Mfrs.), Muskegon, Mich.
McLaren & Sprague Lumber Co. (Wholesale), Toledo, O.

McMillan, R. Co (Wholesale), Oshkosh, Wis.
May & Freeman (Sliding), 178 Devonshire, Boston, Mass.
Menke & Grimm Planing Mill Co., Quincy, Ill
Metal Frae Window Screen Co., Decatur, Ind.
MICHIGAN WIRE CLOTH CO., 500 Howard, Detroit, Mich. (See adv. index, end of book)
Monroe Screen, Blind & Partition Co., Lima, O.
Morstatt & Son, 227 W 29th, N. Y.
Motley, Peter (Metal), 750 S Broad, Phila., Pa.
Owosso Mfg. Co. (Wholesale Mfrs.), Owosso, Mich.
Patent Metallic Weather Strip Co., 133 W 23d, N. Y.
Penna. Woven Wire Co., Lock Haven, Pa.
Philadelphia Screen Co (Wholesale Mfrs.), Phila., Pa.
Phillips, A. J. Co. (Made to Order), Fenton, Mich
Porter Screen Mfg. Co. (Wholesale Mfrs.), Burlington, Vt.
Purinton, C. F. Co. (Rolling Window Screens), S. Easton, Mass.
Queen Anne Screen Co. (Wholesale Mfrs.), Burlington, Vt.
Roach & Musser, Sash & Door Co. (Wholesale Mfrs.), Muscatine, Iowa.
Rockford Screen Co. (Wholesale), Rockford, Ill.
Screen Door & Window Co. (Wholesale Mfrs.), Owosso, Mich.
Snow, F. O. & Co., 79 Milk, Boston, Mass.
Wabash Screen Door Co., 204 Dearborn, Chicago, Ill.
Watson Mfg. Co. (to Order Only), Jamestown, N. Y.
Wheeler Screen Co., Geneva, Ill.
Wilier Mfg. Co. (to Order Only), Milwaukee, Wis.
WILSON, JAS. G. MFG. CO., 3 W 29th, New York. (See adv. index, end of book)
Wright, Frank, Cave Spring, Ga.

Screw Cutting Machines

(See Machines, Screw Cutting)

Screw Driver Mfrs.

Arcade Mfg. Co., Freeport, Ill.
Bemis & Call Hdw & Tool Co., Springfield, Mass
Bernz, Otto S., 13th C. S. Orange ave., Newark, N. J.
Billings & Spencer Co., Hartford, Conn.
Bruandsdorf-Mulier Co. (Never Twist & New Century & Improved Locksmith), Elizabeth, N J.
Bridgeport Hardware Mfg. Corp., 481 Iranistan av Bridgeport, Conn.
Cincinnati Tool Co. (Hargraves), Norwood, Cincinnati, O.
Clement Mfg. Co. (Vulcan Hollow Handle), Northampton, Mass.
Cronk & Carrier Mfg. Co., Elmira, N. Y.
Dicke Tool Co. (for Electrical & Machinery Work), Downers Grove, Ill
Disston, Henry & Sons (Inc.), Tacony, Pa., & 75 W Wash'n, Chicago, Ill.
Ducharmes & Co., Shelbune Falls, Mass.
Federal Mfg. Co. ("Cassidy"), Elyria, O.
Gay, Geo. E. (Ratchet), Augusta, Me.
Hurwood Mfg. Co. (For Machinists, Electricians, Plumbers, Carpenters, etc.), Bridgeport, Conn.
Kendrick & Davis (Small), Lebanon, N. H.
Kimball, C. J. Co., Bennington, N. H.
Knapp & Cowles Mfg. Co., Bridgeport, Conn.
Mayhew, H. H. Co., Shelburne Falls, Mass.
Meriden Mfg. Co. ("Fairchild" Seif Adjustable), Meriden, Conn.
Muelier, H. Mfg. Co., Decatur, Ill.
New England Specialty Co., North Easton, Mass.
North Bros. Mfg. Co. ("Yankee" Ratchet & & Pocket Magazine, etc.), Lehigh av c American, Phila., Pa.
Norton Mfg. Co., Chester, Conn.
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 27 Murray, New York.
Prentiss Vise Co. (Full Line), 44 Barclay, New York
Russell & Erwin Mfg. Co. (The Swan), New Britain, Conn
Sawyer Tool Mfg. Co. ("Samson"), Fitchburg, Mass.
Smith, J. Barton Co., Norris & Hope, Phila., Pa.
Smith & Egge Mfg. Co. (Cycle, of Steel Wire), Bridgeport, Conn.
Smith & Hemenway Co., 296 B'way, N. Y.
Smith & Wesson (Pocket), Springfield, Mass.
Snell Mfg. Co., Fiskdale, Mass.
Standard Tool Co., West Mansfield, Mass.
Starratt, L. S. Co. (Pocket), Athol, Mass.
Stortz, Jno. & Son, 210 Vine, Phila., Pa.
Tower & Lyon Co. ("Champion"), 95 Chambers New York
Turner & Deegan, Bristol, Conn.
Union Mfg. Co., Buffalo, N. Y.
Vaughn, Chas. A., Seitzland, Pa.
Waltham Watch Tool Co., Springfield, Mass.
Whitman & Barnes Mfg. Co. (Hercules," all Steel), West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York
Wiebusch & Hilger ("Fairchild Adjutable), 9 Murray, N. Y.

Screw Drivers (Automatic)

Goodell-Pratt Co. (Also Ratchet Automatic Bench Drill), Greenfield, Mass.

Screw-Drivers (Insulated Handles)

Braunsdorf-Muelier Co., Elizabeth, N. J.
Cincinnati Tool Co. ("Hargraves") Cincinnati, O.
Disston, Henry & Sons (Inc.) Tacony, Phila., Pa.
Ducharmes & Co., Shelburne Falls, Mass.

Screw Eyes

American Iron & Steel Mfg. Co., Lebanon, Pa.
Brewer Bros. (Wrought), 614 Filbert, Phila., Pa.
Brooks, M. S. & Sons (Brass & Iron Wire) Chester, Conn.
Corbin Cabinet Lock Co., New Britain, Conn.
Humason & Beckley Mfg. Co., New Britain, Conn.
Hoopes & Townsend Co., 1330 Buttonwood, Philadelphia, Pa.
Jennings, C. E. & Co., 42 Murray, New York. Works, Chester, Conn.
Kansas City Bolt & Nut Co. (1¼-in. dia. to 1¾), Kansas City, Mo.
Landers, Frary & Clark, New Britain, Conn.
Moran Bolt & Nut Mfg. Co., St. Louis, Mo.
North & Judd Mfg. Co. (Loop, etc.), New Britain, Conn.
Rockford Bolt Works, Rockford, Ill.
Sargent & Co., New Haven, Conn., & 151 Leonard, New York

Screw Machine Work

Atlantic Machine Screw Co., 48 Binford, Boston.
Bowen Mfg. Co. (All Kinds in Brass & Steel), Auburn, N. Y.
Brown Machine Works, Battie Creek, Mich.
Hill, Geo. Q. Co., 152 Purchase, Boston, Mass.
International Brass & Electric Co., 76 Beekman. N. Y.
Keim, Jno. R., Kensington Av & Erie R. R. Buffalo. N. Y.
Parham & Lawser, 712 Cherry, Phila., Pa.
Progressive Mfg. Co. (Steel, Brass, Copper. etc.), Torrington, Conn.
Smith F. H. Mfg. Co. (Special to Order), 20 W. Randolph, Chicago, Ill.

Screw Machinery

See Screw Cutting Machines.
Machines, Screw, etc.
Screw Polishing Machines.
Screw Shaving Machines.
Screw Slotting Machines.
Screw Thread Rolling Machines.

Screw Mfrs.

(Under this Heading see Sub-Classifications.)

Aldrich, Wm. H., Lowell, Mass.
American Bolt Co., Lowell, Mass.
American Iron & Steel Mfg. Co., Lebanon, Pa.
American Screw Co., Providence, R. I. & 19 Lake, Chicago, Ill.
Atlantic Machine Screw Co., 48 Binford, Boston, Mass.
Atlantic Screw Works, Hartford, Conn.
Billings & Spencer Co., Hartford, Conn.
Boone & Dubois, Boonton, N. J.
Boston Bolt Co., Boston, Mass.
Cederburg Wire, Wire Nail & Screw Co., Cederburg, Wis.
Central City Bolt Co., Syracuse, N. Y.
Chapin-Stephens Co., Pine Meadow, Conn.
Cincinnati Screw & Tap Co., Cincinnati, O.
Clark Bros. Bolt Co., Milldale, Conn.
Cleveland Cap Screw Co., 66 Clarkwood av, Cleveland, O.
Colorado Fuel & Iron Co., Denver, Col.
Columbia Screw Co., 16th & Cottage Grove av, Chicago, Ill.
Columbus Bolt Works, Columbus, O.
Continental Bolt & Iron Works, 22d & Union Chicago, Ill.
Corbin Screw Corporation, New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, & 925 Market, Philadelphia, Pa.
Diamond State Steel Co., Wilmington, Del.: 29 B'way, N. Y., & Phila., Pa.
Gaynor & Mitchell Mfg. Co., Bridgeport, Conn.
Greenlie, Wyatt & Co., 499 Water, New York
Griliey Co., New Haven, Conn.
Hall's Samuel Sons, 229 W 10th, New York
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., 1330 Buttonwood, Philadelphia, Pa.
Hope, Wm. H. & Co., Lowell, Mass.
Humason & Beckley Mfg. Co., New Britain, Conn.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kinsley Iron & Machine Co., Canton, Mass.
Kirk-Latty Mfg. Co., Cleveland, O.
Lamson & Sessions Co., Cleveland, O.
McCloud, Crane & Minter Co., Worcester, Mass.
Mack, Thos. A., Mfg. Co. Jersey City, N. J.
Miles, Franklin S. (Est. of), 205 Quarry, Phila., Pa.
Milton Mfg. Co., Milton, Pa.
Moran Bolt & Nut Mfg. Co., Florida c Main, St. Louis, Mo.
Mt. Carmel Bolt Co., Mt. Carmel, Conn.
National Acme Mfg. Co., Cleveland, O.
National Screw & Tack Co., Cleveland, O.
New Britain Hardware Mfg. Co., New Britain, Conn.
Niagara Screw Co., 7 W. Lombard, Buffalo, N. Y.
Parker, C. M., Fitchburg, Mass.
Pawtucket Mfg. Co., Pawtucket, R. I.
Payne's Bolt Works, 121 Howard, San Francisco, Cal.
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 27 Murray, New York
Penn Hardware Co., Reading, Pa.
Penna Steel Shafting Co., Spring City, Pa.
Phila. Machine Screw Works, 624 Race, Philadelphia, Pa.
Pittsburg Mfg. Co., 28th & R. R., Pittsburg, Pa.
Pittsburg Screw & Bolt Co., Pittsburg, Pa.
Progressive Mfg. Co., Torrington, Conn.
Ratchet Lock Screw Co., York, Pa.
Reading Hardware Co., Reading, Pa., 96 Reade, N. Y.; Phila., Pa. & Chicago, Ill.
Reading Screw Co., Norristown, Pa.
Reeves Mfg. Co. (Brass Machine, etc.), New Haven, Conn.
Republic Iron & Steel Co. General Offices: 1st National B'k bldg, Chicago. District Sales Offices: Buffalo, Cleveland, Birmingham, Ala.; Manhattan Life bldg, N. Y.; St. Louis, Pittsburg, Pa., St. Paul & Cincinnati, O.
Reynolds & Co., New Haven, Conn.
Richards, F. C. Hdw. Co., Winsted, Conn.
Rochester Machine Screw Co., Rochester, N. Y.
Rockford Bolt Works, Rockford, Ill.
Rogers Screw Co., Providence, R. I.
Russell, Burdsell & Ward Bolt & Nut Co., Port Chester, N. Y.
Sargent & Co., New Haven, Conn., & 151 Leonard, New York
Scott & Williams, 2079 Cumberland, Phila., Pa.
Scranton Bolt & Nut Co., Scranton, Pa., & 25 Broad, N. Y.
St. Louis Screw Co., 600 S Clarence, St. Louis, Mo.
Smith, F. H. Mfg. Co. (Special to Order), 20 W. Randolph, Chicago, Ill.
Southington Cutlery Co., Southington, Conn.
Spencer Automatic Machine Screw Co., Hartford, Conn.
Springfield Brass Co., Springfield, Mass.
Standard Screw Co., 2 N Canal, Chicago, Ill., & Worcester, Mass.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Turner, John D., 542 B'way, Lowell, Mass.
U. S. Screw Co., Meriden, Conn.

Union Steel Screw Co. (Steel), Cleveland, O.
Waltham Screw Co., Waltham, Mass.
Western Automatic Machine Screw Co., Elyria, O.
Whitman, C. B. & C. A., Detroit, Mich.
Wire Goods Co., 20 Union, Worcester, Mass.
Young Bros., Forestvilie, Conn.

Screw Plates

Bilings & Spencer Co. (Drop Forged), Hartford, Conn.
Boker, Hermann & Co., 101 Duane, New York.
Brubaker, W. L. & Bros., Millersburg, Pa.
Butterfield & Co. ("Reece's New"), Derby Line, Vt.
Card, S. W. Mfg. Co., Mansfield, Mass.
Carpenter, J. M. Tap & Die Co., Pawtucket, R. I.
Champion Blower & Forge Co., Lancaster, Pa.
Eastwood Wire Mfg. Co. (Rolled Brass), Belleville, N. J.
Hart Mfg. Co., 22 Wood, Cleveland, O.
Holryd & Co., Waterford, N. Y.
Kelly, Jno. L. (Adjustable), Erie, Pa.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Oster Mfg. Co., Cleveland, O.
Pawtucket Mfg. Co., Pawtucket, R. I.
Polk, A. J. & Son (Common Sense), Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Reese, E. F. Co., Greenfield, Mass.
Walworth Mfg. Co., 132 Federal, Boston, Mass.
Wells Bros. & Co., Greenfield, Mass.
Wiley & Russell Mfg. Co., Greenfield, Mass.

Screws (Bed)

Kansas City Boit & Nut Co., Kansas City, Mo.
Shelton Co., Derby, Conn.
Standard Screw Co., 2 N Canai, Chicago, Ill.;

Screws (Bench)

(See Screws, Hand & Bench.)

Screws (Bibb)

Steele & Johnson Mfg. Co., Waterbury, Conn.
Western Automatic Machine Screw Co., Elyria, O.

Screws (Bicycle)

Hartford Machine Screw Co., Hartford, Conn.
National Screw & Tack Co., Cieveland, O.
Rochester Machine Screw Co., Rochester, N. Y.
St. Louis Screw Co., 600 E Clarence av, St. Louis, Mo.
Standard Screw Co. (Iron or Brass), 2 N Canal, Chicago, Ili.
Western Automatic Machine Screw Co., Eiyria, O.

Screws (Brass, Copper & Bronze)

American Pin Co. (Brass Only), Waterbury, Conn.
American Screw Co., Providence, R. I.
Blake & Johnson (To Order), Waterbury, Conn.
Bridgeport Brass Co. (To Order Only), Bridgeport, Conn., & 19 Murray, New York
Columbia Screw Co. (Gimlet Pointed), 16th & Cottage Grove av, Chicago, Ill.
Gaynor & Mitcheli Mfg. Co. (Brass for Steam, Gas & Water Fittings), Bridgeport, Conn.
Griiley Co., New Haven, Conn.
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
Hubbell, Harvey (Brass Only), Bridgeport, Conn.
Hungerford, U. T. Brass & Copper Co., 497 Pearl. New York
McCloud, Crane & Minter Co., Worcester, Mass.
Nationai Screw & Tack Co., Cieveland, O.
Reading Hardware Co., Reading, Pa. Ill.
Reed & Prince Mfg. Co., Worcester, Mass.
Rochester Machine Screw Co., Rochester, N. Y.
St. Louis Screw Co., 600 E Clarence, St. Louis, Mo.
Spencer Automatic Machine Screw Co. (Machine), Hartford, Conn
Steele & Johnson Mfg. Co. (also Bronze), Waterbury, Conn.
Union Steel Screw Co., 429 Case av, Cleveland,
Weich, T. F. & Co., 65 Sudbury, Boston O.
Western Automatic Machine Screw Co., Elyria, O.

Screws (Brass Machine)

American Screw Co., Providence, R. I.
Corbin Screw Corporation, New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, & 925 Market, Phila., Pa.
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
Hubbell, Harvey, 1460 R. R. av, Bridgeport, Conn.
Illinois Screw Co., 2 S Canal, Chicago, Ill.
McCioud, Crane & Minter Co., Worcester, Mass.
Miles, Franklin S. (Est. of), 205 Quarry, Phila., Pa.
Mount Carmel Bolt Co., Mt. Carmel, Conn.
National Screw & Tack Co., Cieveland, O.
New Britain Hardware Mfg. Co., New Britain, Conn.
Parham & Lawser, 712 Cherry, Phila., Pa.
Pittsburg Screw & Bolt Co., Pittsburg, Pa.
Progressive Mfg. Co., Torrington, Conn.
Reading Screw Co., Norristown, Pa.
Reeves Mfg. Co., New Haven, Conn.
Reynolds & Co., New Haven, Conn.
St. Louis Screw Co., 600 E Clarence, St. Louis, Mo.
Spencer Automatic Machine Screw Co., Hartford, Conn.
Standard Screw Co., 2 N. Canal, Chicago, Ill.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Young Bros., Forestville, Conn.

Screws (Building Movers')

Belleville Pump & Skein Works, Beileville, Ill.
Boston Bolt Co., 284 Franklin, Boston, Mass.
Kinsley Iron & Machine Co., Canton, Mass.

Screws (Can)

Vogel, Wm. & Bros., 37 S 9th, Brooklyn. N. Y.

Screws (Cap & Set)

American Bolt Co., Loweli, Mass.
American Iron & Steel Mfg. Co., Lebanon, Pa.
Chicago Screw Co., 108 W Wash'n, Chicago, Ill.
Cincinnati Screw & Tap Co., 2442 Beekman. Cincinnati, O.
Cleveland Cap Screw Co., 66 Clarkwood av. Cleveland, O.
Corbin Screw Corporation (Also Knurled Set. etc.), New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, & 925 Market. Phila., Pa.
Detroit Screw Works, Detroit, Mich.
Greenlie, Wyatt & Co., 499 Water, N. Y.
Haskell, Wm. H. Mfg. Co. (Oval, Flat, Counter Sunk, Square Hexagon, Button & French Head), Pawtucket, R. I.
Hill, Geo. Q. Co., 152 Purchase, Boston, Mass.
Hoopes & Townsend Co., 1330 Buttonwood, Philadelphia, Pa.
Hope, Wm. H. & Co., Lowell, Mass.
Illinois Screw Co., 2 S Canal, Chicago, Ill.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lamson & Sessions Co. (Set), Cleveland, O.
McCloud, Crane & Minter Co., Worcester, Mass.
Milton Mfg. Co., Milton, Pa.
National Acme Mfg. Co., Cleveland, O.
National Screw & Tack Co., Cleveland, O.
New Britain Hardware Mfg. Co., New Britain
Niagara Screw Co., Buffalo, N. Y. Conn.
Olney & Warrin, 38 Dey. N. Y.
Payne's Bolt Works, 121 Howard, San Francisco,
Pawtucket Mfg. Co., Pawtucket, R. I. Cal.
Penn Hardware Co., Reading, Pa.
Penna Steel Shafting Co., Spring City, Pa.
Pittsburg Screw & Bolt Co., Pittsburg, Pa.
Reynolds & Co. (Square, Round & Hex Head), New Haven, Conn.
Rochester Machine Screw Co., Rochester, N. Y.
Rockford Bolt Works, Rockford, Ill.
Rhode Island Tool Co., Providence, R. I
Russell, Burdsell & Ward Bolt & Nut Co. Portchester, N. Y.
St. Louis Screw Co., 3017 N 13th, St. Louis, Mo.
Spencer Automatic Machine Screw Co., Hartford, Conn.
Standard Screw Co., 2 N Canal, Chicago, Ill., & Worcester, Mass.
Upson Nut Co., Unionville, Conn., & Cleveland O.
Western Automatic Machine Screw Co., Elyria, O.
Worcester Machine Screw Co., Worcester, Mass.
Young Bros., Forestville, Conn.

Screws (Coach & Lag)

(See also Screw Mfrs., Wood.)

American Bolt Co., Lowell, Mass.
American Iron & Steel Mfg. Co., Lebanon, Pa.
Central City Bolt Co., Syracuse, N. Y.
Clark Bros Bolt Co., Milldale, Conn.
Coloado Fuel & Iron Co., Denver, Col. & 71 B'way, N. Y.
Continental Bolt & Iron Works, 22d & Union, Chicago, Ill.
Cook, Asa Co., Hartford, Conn.
Corbin Screw Corporation (Gimlet-Pointed, etc.), New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, & 925 Market, Philadelphia, Pa.
Diamond State Steel Co., Wilmington, Del.
Dietrich Bros., 344 North, Baltimore, Md.
Greenlie, Wyatt & Co., 499 Water, N. Y.
Hall's, Samuel Sons, 229 W 10th, N. Y.
Haskell, Wm. H. Mfg. Co. (Gimlet Pointed) Pawtucket, R. I.
Hoopes & Townsend Co., 1330 Buttonwood, Philadelphia, Pa.
Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Kansas City Bolt & Nut Co. (Coach), Kansas City, Mo.
Lake Erie Iron Co. (also Gimlet Pointed Coach) Cleveland, O.
Lamson & Sessions Co., 412 Scranton av, Cleveland, O.
Lanz, M. & Sons (Lag), 101 S 29th, Pittsburg, Pa.
Michigan Bolt & Nut Works, ft. Meldrum av, Detroit, Mich.
Milton Mfg. Co., Milton, Pa.
Moran Bolt & Nut Mfg. Co., c Florida & Main, St. Louis, Mo.
National Screw & Tack Co., Cleveland, O.
NATIONAL SUPPLY CO. (Coach Gimlet Point), 7 W Lombard, Baltimore, Md.
Neely Nut & Bolt Co. (Lag), S 22d & P. & L. R. R., Pittsburg, Pa.
New Castle Forge & Bolt Co., New Castle, Pa.
Oliver Iron & Steel Co. (Gimlet Pointed, etc.) Pittsburg, Pa
Parker, Chas. Co., Meriden, Conn.
Pawtucket Mfg. Co. (Gimlet Point), Pawtucket R. I.
Pittsburg Mfg. Co., 28th & R. R., Pittsburg, Pa.
Pittsburg Screw & Bolt Co., Pittsburg, Pa.
Republic Iron & Steel Co. (Gimlet Pointed), General Offices, 1st Nat'l Bank bldg, Chicago, District Sales Offices, Buffalo, Cleveland, Birmingham, Ala.; Manhattan Life bldg, N. Y.; St. Louis, Pittsburg, Pa., St. Paul & Cincinnati, O.
Reynolds & Co., New Haven, Conn.
Rhode Island Tool Co., Providence, R. I.
Rockford Bolt Works, Rockford, Ill.
Scranton Bolt & Nut Co., Scranton, Pa., & 28 Broad, N. Y.
Vulcanus Forging Co. (Forged), Cleveland, O.

Screws (Collar)

Cincinnati Screw & Tap Co., 2442 Beekman, Cincinnati, O.
Columbia Screw Co. (Gimlet Pointed), 16th & Cottage Grove av, Chicago, Ill.
Corbin Screw Corporation, New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, Ill., & 925 Market, Phila., Pa.
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
Hill, Geo. Q. Co., 152 Purchase, Boston, Mass.
Illinois Screw Co., 2 S Canal, Chicago, Ill.
McCloud, Crane & Minter Co., Worcester, Mass.
New Britain Hdw. Mfg. Co., New Britain, Conn.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pittsburg Screw & Bolt Co., Pittsburg, Pa.
Rockford Bolt Works, Rockford, Ill.
Standard Screw Co., 2 N Canal, Chicago, Ill., & Worcester, Mass.
Western Automatic Machine Screw Co., Elyria, O.
Worcester Machine Screw Co., Worcester, Mass.

Screws (Dowel)

(See Screws, Wood.)

Screws (Drive)

(See Screws, Wood.)

Screws (Feed)

STANDARD GAUGE STEEL CO., Beaver Falls, Pa. (See adv. index, end of book)

Screws for Electrical Trade

American Pin Co., Waterbury, Conn.
Western Automatic Machine Screw Co., Elyria, O.

Screws (German Silver)

Blake & Johnson (To Order), Waterbury, Conn.
Columbia Screw Co., 16th & Cottage Grove av, Chicago, Ill.
Grilley Co., 424 State, New Haven, Conn.
Parham & Lawser, 712 Cherry, Phila., Pa.

Screws (Gib)

Hartford Machine Screw Co., Hartford, Conn.
McCloud, Crane & Minter Co., Worcester, Mass.
Reynolds & Co., New Haven, Conn.
St. Louis Screw Co., 600 E Clarence, St. Louis, Mo.
Western Automatic Machine Screw Co., Elyria, O.
Yale & Towne Mfg. Co., Stamford, Conn.; 9 Murray, N. Y.; 152 Wabash av, Chicago; Phila., Boston & San Francisco

Screws (Hand Rail)

American Screw Co., Providence, R. I. & 19 Lake, Chicago, Ill.
Columbia Screw Co., 16th & Cottage Grove av, Chicago, Ill.
Corbin Screw Corporation, New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, & 925 Market, Philadelphia, Pa.
Sargent & Co., New Haven, Conn., & 151 Leonard, New York
Wire Goods Co., Worcester, Mass.

Screws (Hand Saw)

Corbin Screw Corporation, New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, & 925 Market, Phila., Pa.
Sargent & Co., New Haven, Conn., & 151 Leonard, New York

Screws (Hand & Bench)

Aldrich, Wm. K., 587 Dutton, Lowell, Mass.
Bliss, R. Mfg. Co., Pawtucket, R. I.
Chapin-Stephens Co., Pine Meadow, Conn.
Detroit Screw Works (Iron Screws with Metal Bearings), Detroit, Mich
Dodge Mfg. Co., Mishawaka, Ind.; 45 Dey, N. Y.; 168 S Clinton, Chicago; 137 Purchase, Boston, Mass., & 128 W 3d, Cincinnati, O
Grand Rapids Hand Screw Co., Grand Rapids, Mich
Judson, J. R. (Brush Makers'), E Arlington, Vt.
National Novelty Corporation, 826 B'way, New York
Ohio Tool Co. (Iron & Wood), Columbus, O.
Peck, Stow & Wilcox Co., Southington, Conn.: 27 Murray, N. Y., & Cleveland, O
Reading Hardware Co., Reading, Pa.; 96 Reade, N. Y.; Phila., Pa. & Chicago, Ill.
Sandusky Tool Co. (Wood), Sandusky, O.

Screws (Hanger)

American Iron & Steel Mfg Co., Lebanon, Pa.
Cleveland Automatic Machine Co., 131 2d av Cleveland, O.
Columbia Screw Co. (Gimlet Pointed), 16th & Cottage Grove av, Chicago, Ill.
Corbin Screw Corporation, New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, & 925 Market, Phila., Pa.
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
Kansas City Bolt Co., Kansas City, Mo.
Lamson & Sessions Co., Cleveland, O.
McCloud, Crane & Minter Co., Worcester, Mass.
Michigan Bolt & Nut Works, ft. Meldrum av, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., St. Louis, Mo.
National Screw & Tack Co., Cleveland, O.
NATIONAL SUPPLY CO., 7 W Lombard, Baltimore, Md. (See adv. index, end of book)
Old Dominion Iron & Nail Works Co., Richmond Va
Pawtucket Mfg. Co., Pawtucket, R. I.
Republic Iron & Steel Co. General Offices: 1st Nat'l B'k bldg, Chicago. District Sales Offices: Buffalo, Cleveland, Birmingham, Ala.; Manhattan Life bldg, N. Y.; Pittsburg, Pa., St. Louis, St. Paul, & Cinnati, O.
Rockford Bolt Works, Rockford, Ill.
Western Automatic Machine Screw Co., Elyria, O

Screws (Headless)

(See Screws, Wood.)

Screws (Hook & Eye)

American Iron & Steel Mfg. Co., Lebanon & Reading, Pa.
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
Moran Bolt & Nut Mfg. Co., St. Louis, Mo.

Screws (House Raising)

(See Screws, Building Movers.)

Screws (Lead)

Beaver Falls, Pa. (See adv. index, end of book)
STANDARD GAUGE STEEL CO.,

Screws (Machine)

American Screw Co., Providence, R. I. & 19 Lake, Chicago, Ill.
Atlanta Screw Works (David Tilton), Hartford, Conn.
Atlantic Machine Screw Co. (Special, Etc.), 48 Binford, Boston, Mass.
Atlas Bolt & Screw Co., Cleveland, O.
Cincinnati Screw & Tap Co., 2442 Beekman, Cincinnati, O.
Cleveland Machine & Screw Co., Cleveland, O.
Columbia Screw Co., 16th & Cottage Grove av, Chicago, Ill.
Corbin Screw Corporation (Brass or Iron), New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, Ill., & 925 Market, Phila., Pa.
Detroit Screw Works, Detroit, Mich.
Draper Co., Hopedale, Mass.
Hall's Sam'l Sons, 229 W. 10th, N. Y.
Hartford Machine Screw Co., 476 Capitol, Hartford, Conn.
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
Hill, Geo. Q. Co., 152 Purchase, Boston, Mass.
Hoopes & Townsend Co. 1330 Buttonwood, Philadelphia, Pa.
Hope, Wm. H. & Co. (Milled), Lowell, Mass.
Illinois Screw Co., 2 S Canal, Chicago
Kirk-Latty Mfg. Co., Cleveland, O.
McCloud, Crane & Minter Co., Worcester, Mass.
Mack, Thos. A., Mfg. Co. (Special, Etc.), Jersey City, N. J. & 197 Fulton, N. Y.
Miles, Franklin S. (Est. of) (Brass & Iron), 205 Quarry, Phila., Pa.
Mt. Carmel Bolt Co., Mt. Carmel, Conn.
Monarch Bolt & Screw Co., Cleveland, O.
National Acme Mfg. Co., Cleveland, O.
National Screw & Tack Co., Cleveland, O.
New Britain Hardware Mfg. Co., New Britain, Conn.
Parham & Lawser, 712 Cherry, Phila., Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Phila. Machine Screw Works, 624 Race, Phila., Pa.
Pittsburg Screw & Bolt Co., Pittsburg, Pa.
Progressive Mfg. Co., Torrington, Conn.
Reading Screw Co., Norristown, Pa.
Reed & Curtis Machine Screw Co., Worcester, Mass.
Reynolds & Co., New Haven, Con
Rochester Machine Screw Co., Rochester, N. Y.
Rockford Bolt Works, Rockford, Ill.
Russell & Erwin Mfg Co., New Britain, Conn., & 43 Chambers, N. Y.
St. Louis Screw Co., 3017 N 13th, St. Louis, Mo.
Scott & Williams (Milled), 2079 Cumberland, Phila., Pa.
Smith Machine Screw Co., Northampton, Mass.
Turner, Jno. D., Lowell, Mass.
Western Automatic Machine Screw Co., Elyria, O.
Worcester Machine Screw Co., Worcester, Mass.
Young Bros. (From Sample Only), Forestville, Conn.

Screws (Plated & Lacquered)

(See Screws, Wood; also Screws, Brass, etc.)

Screws (Plumbers')

American Pin Co., Waterbury, Conn.
Columbia Screw Co., 16th & Cottage Grove av, Chicago, Ill.
Edwardsville Brass Co. (Also Floor), Edwardsville, Ill.
Gaynor & Mitchell Mfg. Co., Bridgeport, Conn.
Hubbell-Harvey, Bridgeport, Conn.
New England Screw Co., Boston, Mass.
Sanitry Co. (Brass), 306 Prospect, Cleveland, Ohio
Steele & Johnson Mfg. Co., Waterbury, Conn.
Wolverine Brass Works (Closet, etc.), Grand Rapids, Mich.

Screws (Rail)

Humason & Beckley Mfg. Co., New Britain, Conn.

Screws (Saw)

Disston, Henry & Sons (Inc.), Tacony, Phila., Pa.
National Saw Co., Newark, N. J., & Middletown, N. Y.

Screws (Set)

(See Screws, Cap & Set.)

Screws (Shutter)

Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 27 Murray, N. Y.
Reading Hdw. Co., Reading, Pa.; 96 Reade, N. Y.; Phila., Pa. & Chicago, Ill.
Russell & Erwin Mfg. Co., New Britain, Conn., & 43 Chambers, New York
Sargent & Co., New Haven, Conn., & 151 Leonard, New York

Screws (Skein)

American Iron & Steel Mfg. Co., Lebanon, Pa.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lamson & Sessions Co., 412 Scranton av Cleveland, O.
Michigan Bolt & Nut Works, ft. Meldrum av Detroit, Mich. & 135 Adams, Chicago, Ill.
Moran Bolt & Nut Mfg. Co., St. Louis, Mo.
NATIONAL SUPPLY CO., 7 W Lombard, Baltimore, Md. (See adv. index, end of book)
Republic Iron & Steel Co., General Offices, Stock Exchange bldg, Chicago. Sales Offices, 64 B'way, N. Y.; Buffalo, N. Y.; Birmingham, Ala.; Cleveland, O.; St. Louis, Mo.; Pittsburg, Pa.; Cincinnati, O. & St. Paul, Minn.
Rockford Bolt Works, Rockford, Ill.

Screws (Stage)

Brewer Bros. (Steel), 614 Filbert, Phila., Pa.

Screws (Stud)

Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
McCloud, Crane & Minter Co., Worcester, Mass.
Miles, Franklin S. (Est. of), 205 Quarry, Phila., Pa.
Republic Iron & Steel Co., General Offices, Stock Exchange bldg, Chicago. Sales Offices, 64 B'way, N. Y.; Buffalo, N. Y.; Cleveland, O.; St. Louis, Mo; Pittsburg, Pa.; Cincinnati, O. & St. Paul, Minn.
Reynolds & Co., New Haven, Conn.
Rochester Machine Screw Co., Rochester, N. Y.
St. Louis Screw Co., 3017 N 13th, St. Louis, Mo.
Standard Screw Co., 2 N Canal, Chicago, Ill.;
Western Automatic Machine Screw Co., Elyria, O.

Screws (Thumb)

Billings & Spencer Co., Hartford, Conn.
Cincinnati Screw & Tap Co., 2442 Beekman, Cincinnati, O.
Haskell, Wm. H. Mfg. Co. (Drop Forged), Pawtucket, R. I.
Illinois Screw Co., 2 S Canal, Chicago, Ill.
Miles, Franklin S. (Est. of), 205 Quarry, Phila., Pa.
National Novelty Corporation, 826 B'way, New York
Rhode Island Tool Co., Providence, R. I.
Rochester Machine Screw Co., Rochester, N. Y.
Rockford Bolt Works, Rockford, Ill.
St. Louis Screw Co., 3017 N 13th, St. Louis, Mo.
Standard Screw Co., 2 N Canal, Chicago, Ill.;
Steele & Johnson Mfg. Co., Waterbury, Conn.
Welch, T. F. & Co. (Brass), Boston, Mass.
Western Automatic Machine Screw Co., Elyria, O.

Screws (Tobacco)

Bates', Jas. Sons, Pratt & President, Baltimore, Md.

Screws (Trap)

Campbell, J. B. Brass Works, Erie, Pa.
Springfield Brass Co., Springfield, Mass.

Screws (Water Closet)

(See Screws, Plumbers'.)

Screws (Wire)

Rockwell-Clough Co., Alton, N. H.

Screws (Wood)

American Screw Co., Providence, R. I., & 19 Lake, Chicago, Ill.
American Screw Co., Providence, R. I. & 19 Lake, Chicago, Ill.
Aldrich, Milton (Est. of), 587 Dutton, Lowell Mass
Atlantic Screw Works (Brass & Iron), Hartford, Conn.
Bridgeport Gun Implement Co., Bridgeport, Conn.
Brown Machine Co. (Chair & Piano Stool), Winsted, Conn.
Columbia Screw Co., 16th & Cottage Grove av, Chicago, Ill.
Corbin Screw Corporation, New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago. & 925 Market, Phila., Pa.
Disston, Henry & Sons (Inc.) Tacony, Phila., Pa.
Humason & Beckley Mfg. Co., New Britain, Conn.
Mayhew, H. H. Co., Shelbourne Falls, Mass.
National Screw & Tack Co. (Iron & Brass), Cleveland, O.
Parker, C. M., Fitchburg, Mass.
Penn Hdw. Co. (Inc.), Reading, Pa.
Pierce, W. E. & Co., Milford, N. H.
Reading Hdw. Co., Reading, Pa.; 96 Reade N. Y.; Phila., Pa. & Chicago, Ill.
Reading Screw Co. (Brass & Iron), Norristown, Pa.
Reed & Prince Mfg. Co., Worcester, Mass.
Russell & Erwin Mfg. Co., New Britain, Conn.; New York, Philadelphia, Chicago & Baltimore
Sargent & Co., New Haven, Conn., & 151 Leonard, N. Y.
Southington Cutlery Co., Southington, Conn.
Standard Screw Co., 2 N Canal, Chicago, Ill.;
Union Steel Screw Co., 429 Case av, Cleveland, O.
Upson Nut Co., Unionville, Conn., & Cleveland, O.

Scribers (Adjustable, etc.)

Starrett, L. S. Co., Athol, Mass.

Scrubbers & Tanks

PETROLEUM IRON WORKS CO., Washington, Pa., & Farmers' Bank bldg, Pittsburg, Pa. (See adv. index, end of book)

Sculptors (Architectural)

(See Carvers, Stone.)

Scuttle Openers (Automatic Self Locking)

BICKELHAUPT, GEO., SKYLIGHT Works, 243 W 47th, New York. (See adv. index, end of book)

Scythe Mfrs.

American Axe & Tool Co., Glassport, Pa., & 253 B'way, New York
Clark & Parsons Co., East Wilton, Me.
Dunn Edge Tool Co., Oakland, Me.
Emerson Edge Tool Co., East Lebanon, N. H.
Emerson-Stevens Mfg. Co., Oakland, Me.
Nolin Mfg. Co., Skowhegan, Me.
North Wayne Tool Co., Hallowell, Me.
Rixford Mfg. Co. East Highgate, Vt.
Sibley Scythe Co., North Newport, N. H.
Wadsworth, David & Son, Auburn, N. Y.
Winsted Mfg. Co. (Grass, Grain, Bush, Bramble, Weed & Lawn), Winsted, Conn.

Scythe Snaths

American Fork & Hoe Co., Main Office, Cleveland, O. Export Office, 11 B'way, New York. Factories, Ashtabula, O.; Wallingford, Vt.; Binghamton, N. Y.; St. Johnsbury, Vt.; Girard, Pa.; Frankford, Phila., Pa.; Utica, N. Y., & Willoughby, O.
Brown, Hinman & Huntington Co., Columbus, O.
Central Snath Co., Jackson, Mich.
Derby & Ball, Bellows Falls, Vt.
Emerson-Stevens Mfg. Co., Oakland, Me.
Fisher, Thos. C., Anderson, Ind.
Geneva Tool Co., Geneva, O.
Iowa Farming Tool Co., Ft. Madison, Ia.
Seymour Mfg. Co., Seymour, Ind.
Withington & Cooley Mfg. Co., Jackson, Mich.

Seals & Sealing Presses (Car)

American Railway Supply Co., 24 Park pl, N. Y.
Barnard Stamp Co., 311 Olive, St. Louis, Mo.
Brooks, E. J. & Co., 51 Dey, N. Y.
Chicago Car Seal & Mfg. Co., c Kinzie & Green. Chicago, Ill.
Crescent Seal & Stamp Co., Cambridge, O.
Detroit Car Seal Mfg. Co., 232 Randolph, Detroit, Mich.
G. & P. Engraving Co., 185 Franklin, Boston. Mass.
Grant Mfg. Co. (All Lead & Tin Coppered), 809 Water, S. W., Washington, D. C.
Handlan-Buck Mfg. Co. (Handlan's), 212 N 3d, St. Louis, Mo.
Hiertz, Theo & Son (Lead Car Seals), St. Louis, Mo.
Hill, B. B. Mfg. Co., 1020 New Market, Phila., Pa.
International Seal & Lock Co., Hastings, Mich.
Keystone Seal & Press Co., 39 Cortlandt, N. Y.
Lehmer, Jos. R., 1212 Farnam, Omaha, Neb. 259 Livingston av, Columbus O.
Miller Car Lock & Seal Co. (One Piece Interlocking), 315 Dearborn, Chicago, Ill.
National Car Seal Co., Hamilton, O.
New York Stencil Works, 100 Nassau, N. Y.
Parker, T. M., Hartford, Conn.
Saurbrey, Geo. J. (Hasp & Car Shipping Seals), 250 Livingston av, Columbus, O.
Sigwalt Mfg. Co., Security bldg, Chicago, Ill.
Smith, R. H. Mfg. Co., Springfield, Mass.
Utica Drop Forge & Tool Co. (Presses), Utica, N. Y.
Wendell & MacDuffie, 26 Cortlandt, N. Y.
Woodman, R. Mfg. & Supply Co. (Lead), 63 Oliver, Boston, Mass.

Seam Composition (Elastic)

Cole & Kuhls (Filler for Deck & Seaming), 23d & 3d av, Brooklyn, N. Y.

Searchlights

(See Projectors or Searchlights.)

Searchlights (Acetylene)

American Acetylene Stove Co. ("Clear View"), Minneapolis, Minn.
Colt, J. B. Co., 408 E 32d, N. Y.
MacLeod, Walter & Co., 463 E Front, Cincinnati, O.

Seating

(See Furniture, School; also Furniture, Church; also Opera Chairs and Theatre Seating.)

Seats (Agricultural Implement)

Avery Stamping Co., Cleveland, O.
Cambria Steel Co. (Gautier Dept.), Johnstown, Pa., & Arcade Bldg., Phila., Pa.

Seats (Bath Tub)

Buffalo Specialty Mfg. Co. (The "Empire," "Bon Ton," "Climax" & "Universal" Adjustable), Buffalo, N. Y.
Warner, A. H. & Co., Bristol, Conn.

Seats (Reversible, Car)

Brill, J. G. Co. (for Open or Closed Cars), 62d & Woodland av, Phila., Pa.

Seats & Seating, Car

(See Car Seats, Chairs & Fittings)

Second-Hand Building Materials

(See Building Materials, Second Hand.)

See-Saws

Bethlehem Foundry & Machine Co. (Bar & Staples Only), South Bethlehem, Pa.

Seeders (End Gate)

Adam, W. J., Joliet, Ill.
American Seeding Machine Co., Main Office, Springfield, O. Works, Louisville, Ky.; Macedon, N. Y., & Richmond, Ind.

Bailey, Nichols & Co. (Chainless Force Feed), Delevan, Ill.
Bristol & Gale Co., Chicago, Ill.
Chambers, Bering, Quinlan Co., Decatur, Ill.
Foster & Williams Mfg. Co., Racine, Wis.
Johnson & Field Mfg. Co., Racine, Wis.
Luthy Co., Peoria, Ill.
Racine Implement Co., Racine, Wis.
Racine Malleable & Wrought Iron Co., Racine, Wis.
Rhea-Thielens Implement Co., Peoria, Ill.
Taft, F. B. Mfg. Co. (Force Feed; also Wright's Clover Seed Attachment), Decatur, Ill.

Seeders (Rasin)

Buffalo Specialty Mfg. Co. ("X Ray" & "Lighting"), 375 Ellicott, Buffalo, N. Y.
Enterprise Mfg. Co., 3d & Dauphin, Phila., Pa.

Seeders (Wheelbarrow, Grass)

Crown Mfg. Co., Phelps, N. Y.
Holmes Wire Rope Seeder Co., Ypsilanti, Mich.
Seeder & Hannock Chair Co., Homer, Mich.
Star Seeder Co., Shortsville, N. Y.
Thompson, O. E. & Son, Ypsilanti, Mich.

Seeders & Drills (Beet)

Allen, S. L. & Co. (Planet, Jr.), 1017 Market, Phila., Pa.
Ames Plow Co., Quincy Hall, Boston, Mass.
Bateman Mfg. Co. (Drills), Grenloch, N. J.
Deere & Mansur Co., Moline, Ill.
Hoosier Drill Co. (Drills), Richmond, Ind.
Moline Plow Co., Moline, Ill.
Superior Drill Co. (Drills), Springfield, O.

Seeders & Sowers

(See also (Sowers)

Allen, S. L. & Co. (Planet, Jr., Bean, Pea, etc.), 1017 Market, Phila., Pa.
American Harrow Co., Detroit, Mich.
American Seeding Machine Co. (Broadcast), Main Office, Springfield, O. Works, Louisville, Ky.; Macedon, N. Y., & Richmond, Ind.
Appleton Mfg. Co. (Budger & Royal), Batavia, Ill.
Benicia Agricultural Works (Gem, Gorman), Benicia, Cal.
Chapinville Wheel Co. (New Yorker), Poughkeepsie, N. Y.
Cyclone Seeder Co. ("Cyclone" "Chicago" & "Champion, Jr."), Urbana, Ind.
Deere & Mansur Co. (Broadcast; also Grass Seeder Attachment), Moline, Ill.
Dowagic Mfg. Co. (Seeder), Dowagic, Mich.
Fond du Lac Implement Co., Fond du Lac, Wis.
Foster & Williams Mfg. Co.. Racine, Wis.
Fountain City Drill Co., La Cross, Wis.
Freeman, S. & Sons Mfg. Co., Racine, Wis.
Fuller Mfg. Co., East Moline, Ill.
Gale Mfg. Co. (Broadcast), Albion, Mich.
Goodell Co., Antrim, N. H.
Grant-Ferris Co. (Combined Drill & Broadcast Seeder), Troy, N. Y.
Hench & Dromgold Co., York, Pa.
Hoosier Drill Co., Richmond, Ind
Howell, R. R. & Co. (Seeder with Cultivator). Minneapolis, Minn.
Johnston Harvester Co. (Disc Seeder), Batavia, N. Y.
Johnson & Field Mfg. Co. (Scandinavian Broadcast), Racine, Wis.
Keystone Mfg. Co. (Broadcast), Sterling, Ill.
La Crosse Plow Co. (Also Grass Seeder Attachments), La Crosse, Wis.
Luthy & Co. (Also Grass Seeder Attachment), Peoria, Ill
McSherry Mfg. Co., Middletown, O.
Mast. P. P. & Co. (Buckeye. Broadcast), Springfield, O.
Moline Plow Co., Moline, Ill.
Monitor Mfg. Co. (Force Feed Sowers), Minneapolis, Minn.
Ohio Rake Co. (Seeders for Disc Harrows), Dayton, O.
Owatonna Mfg. Co., Owatonna, Minn.
Reed Mfg. Co. (Broadcast), Kalamazoo, Mich.
Rockford Well Drill Co. (Gorman Seeders), Rockford, Ill.
Rock Island Plow Co. (Seeder Attachment for Disc Harrows), Rock Island, Ill.
Rowell, J. S. Mfg. Co. (Also Combined Seeder & Drill). Beaver Dam, Wis.
Sattley Mfg. Co., Springfield, Ill.
Selby-Starr & Co., Peoria, Ill.
Sterling Mfg. Co. (Disc Harrows, etc.), Sterling, Ill.
Stoddard Mfg. Co. (Broadcast), Dayton, O.
Superior Drill Co. (Broadcast), Springfield, O.
Thompson, J. & Sons Mfg. Co., Beloit, Wis.
Van Brunt Mfg. Co. (Also Seeder & Cultivator Combined). Horicon, Wis.
Wayne Works, Richmond, Ind.
Whitman Agricultural Co. (Broadcast), St. Louis, Mo.

Segments (Commutator)

(See Cummutator Bars.)

Self-Closing Work

(See Cocks & Bibbs Self-Closing.)

Self Feeders and Band Cutters for Threshers.

Avery Mfg. Co. (Band Cutter & Self Feeders) Peoria, Ill.
Buffalo Pitts Co., Buffalo, N. Y.
Case, J. I. Thresher Co., Racine, Wis.
Frick Co., Waynesboro, Pa.
Gaar, Scott & Co., Richmond, Ind.
Holt Mfg. Co. (Chain), Stockton, Cal.
Howell, R. R. & Co., Minneapolis, Minn.
Huber Mfg. Co., Marion, O.
Hunt, Gilbert Co., Walla Walla, Wash.
Jackson, Byron Machine Works (Self Feeder), San Francisco, Cal.
La Crosse Mfg. Co. (Self Feeder), La Crosse, Wis.
Maplebay Wind Stacker Co., Crookston, Minn.
Marion Mfg. Co., Marion, O.
Minneapolis Threshing Machine Co., Minneapolis, Minn.
Monarch Feeder & Stacker Co., Cedar Falls, Ia.
National Machine Co., Columbus, Ind.
Nichols & Shepard Co., Battle Creek, Mich.
Northwest Thresher Co., Stillwater, Minn.
Parsons Band Cutter & Self Feeder Co., Newton, Ia.
Parsons, Rich & Co., Newton, Ia.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Ries, Henry, Bowling Green, O.
Robinson & Co., Richmond, Ind.
Rumley, M. Co., Laporte, Ind.
Ruth Self Feeder Mfg. Co., Halstead, Kan.
Russell & Co., Massilon, O.
Sandwich Mfg. Co., Sandwich, Ill.
Westinghouse Co., Schenectady, N. Y.
Wood Bros. Steel Self Feeder Co., Des Moines, Iowa

Semaphore Lenses

(See Globes, Lantern.)

Semaphores (Train Order)

Barney & Smith Car Co. (The Harrington), Dayton, O.

Separators (Barley)

Huntley Mfg. Co. ("Monitor" for Brewers & Malsters), Silver Creek, N. Y.

Separators (Bean)

Avery, B. F. & Sons, Louisville, Ky.
Bacon Mfg. Co., Pontiac, Mich.

Separators (Cement, Plaster, etc.)

JEFFREY MFG. CO., Columbus, O.; 41 Dey, New York, & Equitable bldg, Denver, Colo. (See adv. index, end of book)

Separators (Centrifugal)

American Engineering & Reduction Co. ("Lanes" Pneumatic for Mines), Caxton bldg, Cleveland, O.

Separators (Cotton Seed)

New Winona Mfg. Co., Winona, Minn.
Sherman Iron Works, Sherman, Tex.

Separators (Cream)

American Separator Co., Bainbridge, N. J.
Barney & Croft, Dayton, O.
Bluffton Cream Separator Co., Bluffton, O.
Borden Automatic Cream Separators, Middle Granville, N. Y.
Buckeye Cream Separator Co., Oberlin, O.
Burrell, D. H. & Co. ("Simplex," Centrifugal Hand Power), Little Falls, N. Y.
Chapman, C. L., Erie, Pa.
Dairy Implement Co., Lima, O.
De Laval Separator Co., 74 Cortlandt, N. Y.
Doty Mfg. Co., Cato, N. Y.
Gem Mfg. Co., Springfield, O.
Hackett, Dailey Creamery Supply Co., Waterloo, Ia.
International Cream Separator Co., Lancaster, Pa.
Jones, Frank L., Utica, N. Y.
King Drill Mfg. Co., Nebraska City, Kans.
Kneeland Crystal Creamery Co., Lansing, Mich.
Lawrence, Bostwick Mfg. Co., Phelps, N. Y.
Lawrence Mfg. Co., Toledo, O.
Lourie Co., Keokuk, Ia.
Lowell Specialty Co. ("Puritan," "Michigan" & "King"), Lowell, Mich.
Moseley & Pritchard Mfg. Co., Clinton, Ia.
National Dairy Machine Co. (Centrifugal), Newark, N. J.
National Enameling & Stamping Co. ("National"), B'way & White, New York
Ohio Cream Separator Co., Bluffton, O.
Plymouth Cream Separator Co., Plymouth, O.
Polar Creamery Co., Lafayette, Ind.
Reid, A. H., 33d & Market, Phila., Pa.
Royal Separator Co., Toledo, O.
Sanitary Cream Separator Co., Bluffton, O.
Sharpless, Philip M. (Tubular), West Chester, Pa.
Sharpless Co., Chicago, Ill.
Stone Bros., Breconridge, Mich.
Superior Fence Machine Co., Detroit, Mich.
U. S. Butter Extractor Co., Bloomfield, N. J.
Vermont Farm Machine Co., Bellows Falls, Vt.
Wheeler Gravity Cream Separator Co., Syracuse, N. Y.
Wilson, H. McK. & Co., St. Louis. Mo.

Separators (Dust)

Spicer Mfg. Co., New Philadelphia, O.

Separators (Electric Metal)

Elm City Engineering Co., New Haven, Conn.

Separators (Flax)

Huntley Mfg. Co. ("Monitor"), Silver Creek, N. Y.

Separators (Gas)

PETROLEUM IRON WORKS CO., (Automatic), Washington, Pa., & Farmers' Bank bldg, Pittsburg, Pa. (See adv. index, end of book)

Separators (Grain)

Avery Mfg. Co., Peoria, Ill.
Closz & Howard Mfg. Co., Webster City, Ia.
Empire Cream Separator Co., Bloomfield, N. J.
Evart Seed & Grain Separator Co. (Also Seed), Evart, Mich.
Farquhar, A. B. Co. (Ltd), York, Pa.
Geiser Mfg. Co. (The New Peerless), Waynesboro, Pa.

Glosz & Howard Mfg. Co., Webster City, Ia.
Grain Separator Co., Sparta, Wis.
Johnson & Field Mfg. Co. (Dustless), Racine, Wis.
Hoosier Mfg. Co., New Castle, Ind.
Howes, S. Co., Silver Creek, N. Y.
Huntley Mfg. Co. ("Cranson" & "Monitor," Scouring, Polishing & Separating, etc.), Silver Creek, N. Y.
Invincible Grain Cleaner, Silver Creek, N. Y.
Owens, J. L. Co. (Also Flax), Minneapolis, Minn.
Reeves & Co. (Compound), Columbus, Ind.
Robinson & Co., Richmond, Ind.
St. Albans Foundry & Implement Co., St. Albans, Vt.
Sprout, Waldron & Co., Muncy, Pa.

Separators (Iron & Brass)

Brass Founders' Supply Co. ("Badger" Electro-Magnetic, etc., for Brass Fdrs.), Newark, N. J.
Elm City Engineering Co ("Hoyt & Martin" Electric, to Separate Brass from Iron Chips), New Haven, Conn.
McCormack, J. S. Co., 25th & A. V. Ry., Pittsburg, Pa.

Separators (Lime & Ash)

Hench & Dromgold Co., York, Pa.
Spangler Mfg. Co. (Lime & Ash), York, Pa.

Separators (Magnetic)

American Concentrator Co., Joplin, Mo.
Barnard & Leas Mfg. Co., Moline, Ill.
Ding's Electric-Magnetic Separator Co., 675 Smith, Milwaukee, Wis.
Etting, Edw. J., Land Title bldg, Phila., Pa., & 39 Cortlandt, N. Y.
Howes, S. Co., Silver Creek, N. Y.
Sawyer, Ezra, 31 Hermon, Worcester, Mass.
Sprout, Waldron & Co. (Automatic), Muncy, Pa.
United Iron Works Co. ("Cleveland-Knowles" for Separating Iron Pyrites from Lead & Zinc Ores), Springfield, Mo.

Separators (Mud)

American District Steam Co., Lockport, N. Y.

Separators (Pea)

SPRAGUE CANNING MACHINERY Co. (Scott's Rotary Interchangeable), 42 River, Chicago, Ill. (See adv. index, end of book)

Separators (Small Seed)

Nichols & Shepard Co., Battle Creek, Mich.

Separators (Steam & Oil)

Acton, John, 188 John, Brooklyn, N. Y.
Austin Separator Co., 99 Woodbridge, W. Detroit, Mich.
Bates Machine Co., Joliet, Ill.
Baum Separator & Machine Co., Manheim, Pa.
Bonar, Jas. & Co. (the Sweet), Frick bldg, Pittsburg, Pa.
Bushnell, John S. Co., 124 Liberty, N. Y.
Colles, E. G. T. & Co., 34 S. Canal, Chicago, Ill.
Davis, Jno. Co. (Eclipse), 22d & Halsted, Chicago, Ill.
D'Este, Julian Co. (The Curtis), 24 Canal, Boston, Mass.
De Rycke, Joseph, 39 Cortlandt, N. Y.
Detroit Separator Co. (The "Detroit") Detroit, Mich.
Direct Separator Co. (the Sweet), 216 S Geddes, Syracuse, N. Y.
Edgir Supply & Equipment Co. ("Ridge" Separator & Oil Eliminator), Carbondale, Pa.
Funke, F. Steam Trap Co., Milwaukee, Wis.
Gardner Governor Co., Quincy, Ill.
Goubert Mfg. Co. ("The Stratton," Live Steam), 85 Liberty, New York
Griffing, A. A. Iron Co. (Bundy), Jersey City, N. J.
Harrison Safety Boiler Works ("The Cochrane"), Germantown Junc., Phila., Pa.
Hoppes Mfg. Co., Springfield, O.
Hussey-McCann & Co. (the "Peerless") 9 Dey, N.Y.
Jarvis Engine & Machine Works, Lansing, Mich.
Jacobs, Chas. & Co. ("Lowden"), 51 Oliver, Boston, Mass.
Kensington Engine Works (Ltd.), 245 N Broad, Philadelphia, Pa.
Keystone Engine & Machine Works, (Simpson's Centrifugal), Drexel bldg., Phila., Pa.
Kieley & Mueller, 34 W 13th, New York
Kutztown Foundry & Macine Co. (Compound for Steam Boilers), Fidelity bldg, Philadelphia, Pa., & Kuntztown, Pa.
Lindstrom, John T., Allentown, Pa.
Miles, George Co., Winsted, Conn.
MINNEAPOLIS STEEL & MACHINERY Co. (Oil), Minneapolis, Minn. (See adv. indcx, end of book)
MONASH-YOUNKER CO. (Goan), 203 S. Canal, Chicago, Ill., & 43 Centre, N. Y. (See adv. index, end of book)
Mosher, Chas. D. (The Mosher), 1 B'way, New York
Nash Regulating Valve Co. ("Greenaway"), Detroit, Mich.
National Separator & Mfg. Co. (Separator & Filter Combined), Manchester, N.H.
Ohio Blower Co. (Steam), 43 Michigan, Cleveland, O.
Patterson, Frank L. & Co. ("Patterson-Berryman", Oil), 26 Cortlandt, N. Y.
PETROLEUM IRON WORKS CO., (Steam), Washington, Pa., & Farmers' B'k bldg, Pittsburg, Pa. (See adv. index, end of book)
Potter Separator Co. ("Potter Mesh") 43 Cortlandt, N. Y.
Power Specialty Co., 126 Liberty, N. Y.
Reliance Gauge Column Co., 76 E. Prospect Cleveland, Ohio
Roberts, Geo. I. & Bros., 473 4th av, N. Y.
Robertson, Jas. L. & Sons, 204 Fulton, New York, & 12 Pearl, Boston
Scranton Steam Pump Co. ("Lippincott"), Scranton, Pa.
Schaffer & Budenberg Mfg. Co., Main Office & Works, 10 Division, Brooklyn, N. Y.; 66 John, New York, & 22 Lake, Chicago, Ill.
Simonds, Frank A. ("Simonds" Steam Receiver & Separator), Grand Rapids, Mich.
Sims Co., Erie, Pa
Springfield Separator Co. (separator & filter combined) Springfield, Vt.
Standard Steam Specialty Co. (Utility), 542 W B'way, New York
Steam Appliance Co. ("Milwaukee" & "Triumph" Centrifugal), Milwaukee, Wis.
Stephens & Westcott Co. (the Zig-Zag, Vertical & Horizontal), Maywood, Ill.
Stewart Heater Co. (Separator & Purifier Combined), Buffalo, N. Y.
Thompson, Richard & Co., 126 Liberty, N. Y.
Union Steam Specialty Co. (the Lippincott). Scranton, Pa.
Van Auken-Clevaue Co., Yonkers, N. Y.
Victor Mfg. Co. (Steam), 300 Gratiot, St. Louis, Mo.
Watson & McDaniel Co. ("W. & McD."), 146 N. 7th Philadelphia, Pa.
Webster, Warren & Co. (the "Webster"), Camden, N. J.; 1510 Monadnock blk, Chicago, Ill. & 320 B'way, New York
Wheeler Condenser & Engineering Co. ("Baker Oil"), 42 B'way, New York
Windsor Machine Co., Windsor, Vt.
Wright Mfg. Co. (the Wright), 99 W Woodbridge, Detroit, Mich.

Separators (Stone)

American Clay Working Machinery Co., Bucyrus, O., & Willoughby, O.
Brewer, H. & Co., Tecumseh, Mich.
Great Western Mfg. Co. (for Separating Stone & Gravel from Wheat), Leavenworth, Kan.
Martin Henry Brick Machine Mfg. Co., Lancaster, Pa.
Wallace Mfg. Co., Frankfort, Ind.

Settees, Chairs, Etc. (Veneered)

(See Veneer Seating.)

Settees (Gliding)

Goshen Mfg. Co. ("Boyers"), Goshen, Ind.

Settees (Railroad)

Ahnapee, R. W. Co., Norfolk, Va.
American Veneer Co., Jersey City, N. J.
Frost Veneer Seating Co., 206 Canal, New York
Kane, Thos. & Co. (Station, etc.), Chicago, Ill. Works, Racine, Wis.

Settees (Rustic)

(See Rustic Woodwork.)

Settees & Chairs (Iron)

(See also Fountains, Vases, etc.)

Adams Mfg. Co., Hamilton, O.
American Castings Co., Akron, O.
Atlanta Wire & Iron Works Co. (also Wire), 64 N Broad, Atlanta, Ga.
AMOS, CHARLES & CO., 94 W. Larned, Detroit, Mich. (See adv. index, end of book)
Badger Wire & Pottery Co., Milwaukee, Wis.
Barbee Wire & Iron Works, 44 Dearborn, Chicago, Ill., & Lafayette, Ind.
Belmont Iron Works, 22d & Washington, Phila., Pa.
Bethlehem Foundry & Machine Co. (Settees & Benches), S. Bethlehem, Pa.
CHAMPION IRON CO., Kenton, Ohio. (See adv. index, end of book)
Cleveland Lock Co., Wason & Hamilton, Cleveland, O.
COLUMBUS WIRE & IRON WORKS, Columbus, O. (See adv. index, end of book)
Fiske, J. W., 39 Park pl, New York
Ginther's, J. Sons, 417 B'way, Buffalo, N. Y.
Hinderer, C. A. F., 1112 Camp, New Orleans, La.
Keystone Farm Machine Co., York, Pa.
Le Baron Foundry Co., Middleboro, Mass.
Lister & Fee, 35 S 5th, Brooklyn, N. Y.
Ludlow-Saylor Wire Co., 4th & Elm, St. Louis, Mo.
McDonald Bros. (Iron), Columbus, Ohio
MERRITT & CO., 1024 Ridge av, Phila., Pa. (See adv. index, end of book)
Mott, J. L. Iron Works, 88 Beekman, New York; Boston, Mass.; Phila., Pa., & Chicago, Ill.
Nimmo Fence Co., 324 E 4th, Cincinnati, O.
Palmer, C. F., Utica, N. Y.
Ohio Structural Iron Co. (Wrought Iron), Sandusky, O.
Ornamental Iron & Wire Co. (Inc.), Portsmouth, Va.
Rogers Iron Co., Springfield, O.
Smyser's, E. G. Sons, 4 Light, Baltimore, Md.
Stewart Iron Works Co., 3d & Calvert, Cincinnati, O.
VULCAN CO., Detroit, Mich. (See adv. index, end of book)
Van Dorn Iron Works Co., 1793 E Madison av, Cleveland, O.
Westervelt, A. B. & W. T., 102 Chambers, New York
Wisconsin Iron & Wire Works, 186 E Water, Milwaukee, Wis.

Settees & Chairs (Lawn)

Adams Company ("Iron Fence"), Dubuque, Ia.
Adams Mfg. Co. (Iron), Hamilton, O.
AMOS, CHARLES & CO., 94 W Larned, Detroit, Mich. (See adv. index, end of book)
Bausman, D. H. (Wood, Iron Frame), Bausman, Pa.
Belcher & Taylor Ag'l Tool Co., Chicopee Falls, Mass.
Bent, S. & Bro., Gardner, Mass.
Buckstaff-Edwards Co., Oshkosh, Wis.
Champlain Mfg. Co. (Wood, Iron Frame), Burlington, Vt.
Crocker Chair Co., Sheboygan, Wis.
Farquhar, A. B. Co. York Pa.
Fiske, J. W., 39 Park Row, New York
Fletcher & Webster Furniture Co. Nashua, N. H.
Gold Medal Camp Furniture & Novelty Mfg Co., Racine, Wis
Kalamazoo Sled Co., Kalamazoo, Mich.

Keystone Farm Machine Co., York, Pa.
McCormack Mfg. Co. (Wood), Des Moines, Ia.
Mace, L. H. & Co., 117 E Houston, New York
Mann Bros., 33 Erie, Milwaukee, Wis.
Michael, Chas. H. Mfg. Co. (Wood), Laporte, Ind.
Miller Bros. (Folding Chairs & Stools, etc.), Rochester, Mich.
Mitchell, Rob't Furniture Co., 624 Race, Cincinnati, O.
Mott, J. L. Iron Works (Wood, Iron Frame), 88 Beekman, N. Y.
Nashua Novelty Works, Nashua, N. H.
National Novelty Corporation, 826 B'way, New York
Ohio Rake Co., Dayton, Ohio
Ohio Structural Iron Co. (Wrought Iron), Sandusky, O.
Palmer, C. F. (Iron & Wood, with Iron Frames), Utica, N. Y.

Setters (Tie Plate)

Pittsburg Tool & Drop Forge Co. ("Cheswick"), Arrott bldg, Pittsburg, Pa.; Works, Cheswick, Pa.

Setters (Tire)

Forward, W. M. Co., Sycamore, Ill.
McGovern Tire Settetr Co., Cincinnati, O.
MacGowan & Finigan Fdy & Machine Co. (House Cold), Gay bldg, St. Louis, Mo.
National Machine Co. ("Hercules" Hydraulic), Keokuk, Ia.
Standard Tire Setter Co. ("Henderson's" Hand Power), Keokuk, Ia.
West Tire Setter Co., Rochester, N. Y.

Sewage Disposal Outfits (Odorless)

Edson Mfg. Co., 257 Atlantic av, Boston, Mass.

Sewage Disposal Plants

American Sewage Disposal Co., 45 Milk, Boston, Mass.
Bacterial Sewage Purification Co., 32 B'way, Bonnot Co., Canton, O. cago, Ill.
Decarle Mfg. Co., 200 1st av, Minneapolis, Minn.
ELLIS CO. ("Ellis" Automatic Elector System), 216 W 23d, New York. (See adv. below)
International Sewerage Disposal Co. (Liquid Waste & Purifying of Water Supply for Cities, etc.), Paddock bldg, Boston, Mass.
MERRITT & CO., 1024 Ridge av, Phila., Pa. (See adv. index, end of book)
Modern Iron Works ("Rhoads-Williams" Raw Sewage Syphon), Quincy, Ill.
MUNICIPAL ENGINEERING CO., 41 Wall, New York. (See adv. index, end of book)
Nelson, N. O. Mfg. Co. (Septic Tank Sewage Disposal System), St. Louis, Mo.
Pacific Flush Tank Co., 84 Lasalle, Chicago
Walker, Robt. L., 15 Park Row, New York
Williams & Whitman, Fuller bldg, New York

Sewage (Distributors)

MERRITT & CO., 1024 Ridge av, Phila., Pa. (See adv. index, end of book)

Sewer Back Water Gates

Iron Sanitary Mfg. Co., 52 Dearborn, Chicago, Ill.

Sewer Braces

Dixon, Chas. E. & Son, 3027 Liberty av, Pittsburg, Pa.
DUNN MFG. CO., Westinghouse bldg, Pittsburg, Pa.
Kalamazoo Foundry & Machine Co., Kalamazoo, Mich.
Potter Mfg. Co., Indianapolis, Ind.

Sewer Buckets

(See Buckets, Various Kinds, also Tubs, Various Kinds.)

Sewer Builders

(See Contractors, General.)

Sewer Cableways (for Trenches)

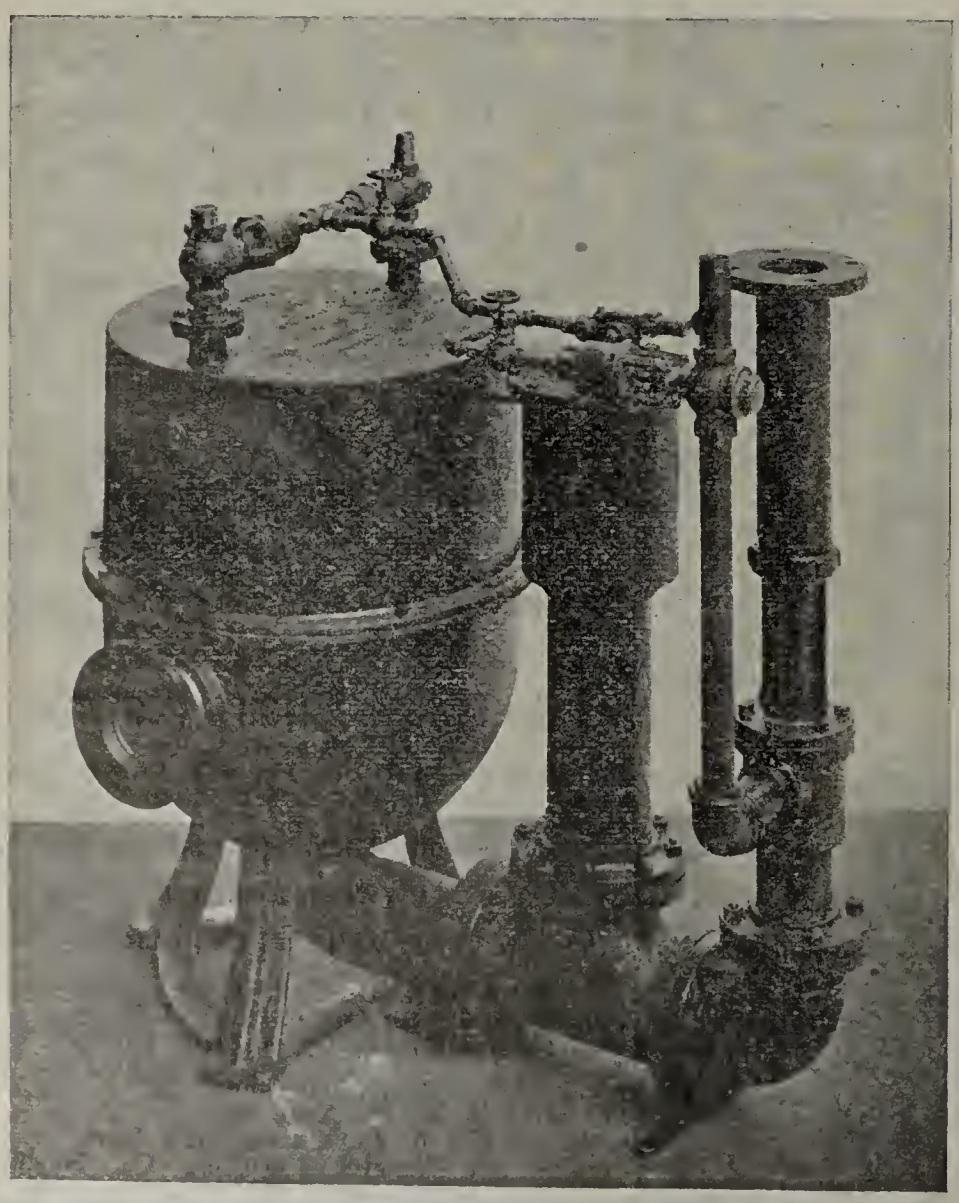
CARSON TRENCH MACHINE CO., 16 Dorrance, Chsn., Boston, Mass., & 22 So. Water, Cleveland, O. (See adv. index, end of book)

Sewer Excavating Machinery

(See Machinery, Sewer Excavating.)

Sewer Inlet Mfrs.

AMERICAN BRAKE SHOE & FOUN-dry Co., Mahwah, N. J. Branches—170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)
American Municipal Supply Co., Cleveland, O.
Barber Mfg. Co., Ashtabula, O.
Bayley, Wm. & Sons Co., 732 Greenbush, Milwaukee, Wis.
Buckeye Foundry Co., 2257 Buck, Cincinnati, O.
City Foundry Co., 1151 Hamilton, Cleveland, O.
Co-Operative Foundry, Detroit, Mich.
Curry & Co., Meadville, Pa.
Davis & Thomas Co., Catasauqua, Pa.
Defiance Machine Works, Defiance, O.
Dimmick Pipe Co., Birmingham, Ala.
Duplex Mfg. & Foundry Co., New England bldg, Cleveland, O.
Ford & Kimball, Concord, N. H.
Greger Mfg. Co., 22d & Wash'n av, Phila., Pa.
Hartnett, John J., Albany, N. Y.
Hayes, J. A. Foundry Co., Lynn, Mass.



ELLIS AUTOMATIC SEWER LIFT, Combination Steam and Air.

The Ellis Automatic Ejector or Sewer Lift.

Patented August 20, 1901; Oct. 18, 1904.

THESE LIFTS ARE OPERATED BY COMPRESSED AIR, STEAM, OR BOTH

In use on the Underground Road, New York, and in many of the large buildings in New York and elsewhere, for the removal of sewage, where fixtures are set below the sewer level.

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Hubbell, F. W., Pittsfield, Mass.
Iron Sanitary Mfg. Co., 52 Dearborn, Chicago, Ill.
Kramer Bros., Dayton, O.
Kuhns Bros., Dayton, O.
McDonald Bros., Columbus, O.
McDonald, H. W. & Son ("Star"), Galion, O.
Madison Ave. Foundry Co. (The "Acme"), Cleveland, O.
Muncie Foundry & Machine Co., Muncie, Ind.
NATIONAL BLOWER WORKS, 17th & St. Paul av, Milwaukee, Wis (See adv. index, end of book)
Over, Ewald, 426 S Penn. Indianapolis, Ind.
Palmer, C. F., Utica, N. Y.
Pierce Supply Co., Cleveland, O.
RUSSELL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
Sessions Foundry Co., Bristol, Conn.
Shunk Plow Co., Bucyrus, O.
South Bend Foundry Co., South Bend, Ind.
Thompson, J. & Co., c Van Horn & Sophia, Philadelphia, Pa.

Sewer Lifts

ELLIS CO. ("Ellis" Automatic Ejector System of Sewage & Liquid Waste Disposal), 216 W 23d, New York. (See adv. opp. page)

Sewer Manhole Covers

AMERICAN BRAKE SHOE & FOUN-dry Co., Mahwah, N. J. Branches—170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)
ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Barber Mfg. Co., Ashtabula, O.
Bayley, Wm. & Sons, 732 Greenbush, Milwaukee, Wis.
Belmont Iron Works, 22d & Wash'n av, Phila., Pa.
Bethlehem Foundry & Machine Co., S. Bethlehem, Pa.
Bryam Foundry Co., Indianapolis, Ind.
Buckeye Foundry Co., 2257 Buck, Cincinnati, O.
Builders' Iron Foundry, Providence, R. I.
Caldwell, E. R. & Co., Bradford, Pa.
Chattanooga Car & Foundry Co., Chattanooga, Tenn.
Clow, Jas. B. & Sons, 344 Franklin, Chicago, Ill.
Coffin Valve Co., Neponset, Boston, Mass.
Coldwell-Wilcox Co. (also Pivot), Newburg, N. Y
Concord Foundry Co. (also Grates & Traps). Concord, N. H.
Co-Operative Foundry (Stuart's Safety Manhole). Junction av & Wabash R. R., Detroit, Mich
Cornell, J. B. & J. M. Co., 26th & 11th av, New York
Curry & Co., Meadville, Pa.
Davis & Thomas Co., Catasauqua, Pa.
Davison, Orrin H., 103 W Monroe, Chicago, Ill.
Dimmick Pipe Co., Birmingham, Ala.
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls & 42 Dey, New York. (See adv. index, end of book)
Drummond, M. J. & Co., 182 B'way, New York
Enterprise Foundry Co., 48 Olean, Rochester. N. Y.
Greger Mfg. Co. (Asphalt Filled), 22d & Wash'n av, Phila., Pa.
Haney & Spicker, 125 W 2d, Cincinnati, O.
Hay Foundry & Iron Works, Newark, N. J., & 141 B'way, N. Y.
Hayes, J. A. Foundry Co., Lynn, Mass.
Holbrook-Armstrong Iron Co., Racine, Wis.
Hubbell, F. W., Pittsfield, Mass.
Iron Sanitary Mfg. Co., 52 Dearborn, Chicago
Kramer Bros., Dayton, O.
Kuhns Bros., Dayton, O.
McDonald Bros., Columbus, O.
McDonald, H. W. & Son, Galion, O.
Madison Ave. Foundry Co., Cleveland, O.
Maher & Flockhart, 60 Polk, Newark, N. J.
Metcalf & Morrison, 126 Polk, Newark, N. J.
Miller, Chas. & Son Co., Utica, N. Y.
Mack Mfg. Co., Land Title bldg, Phila., Pa.; Arrott bldg, Pittsburg, Pa. Works, New Cumberland, W. Va.
Macomb Sewer Pipe Co., Macomb, Ill.
MINNEAPOLIS STEEL & MACHIN-ery Co., Minneapolis, Minn. (See adv. index, end of book)
Modern Iron Works, Quincy, Ill.
Moore, E. J. Machine & Foundry Co. (With Patent Asphalt Filling), 2227 Wood, Phila., Pa.
Muncie Foundry & Machine Co., Muncie, Ind.
Mutual Supply & Equipment Co., Greensburg. Pa.
North Pittsburg Foundry & Steel Co., W Market, Allegheny, Pa.
Northwestern Foundry, 312 10th av, S, Minneapolis, Minn.
Over, Ewald, 426 S Penn, Indianapolis, Ind.
Palmer, C. F., Utica, N. Y.
Paxton & Vierling Iron Works, 17th & U. P Ry., Omaha, Neb.
Pierce Supply Co., Cleveland, O.
Rempes & Gallmeyer Fdy. Co., Grand Rapids, Mich
Russell, Albert & Sons Co., Newburyport. Mass.
RUSSELL WHEEL & FOUNDRY Co., Detroit, Mich. (See adv. index, end of book)
Sessons Foundry Co., Bristol, Conn.
South Bend Foundry Co., South Bend, Ind.
South Park Foundry & Machine Co., Gilfillan blk, St. Paul, Minn.
Springfield Foundry Co., Springfield, Mass.
STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S Clinton, Chcago, Ill.; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria st, London, Eng. (See adv. index, end of book)
Swett, A. L. Iron Works, Medina, Wis.
Thompson, J. & Co., c Van Horn & Sophia. Phila., Pa.
Toledo Foundry & Machine Co., Toledo, O.
Union Foundry & Machine Co., Catasauqua. Pa.
U. S. Cast Iron Pipe & Foundry Co., 317 La Salle, Chicago, Ill.; 71 B'way, New York; Philadelphia, Pa.; Chattanooga, Tenn.
Vulcan Iron Works, 63 Milwaukee av, Chicago

Sewer Manhole Steps

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Co-Operative Foundry, Detroit, Mich.
Maher & Flockhart, 62 Polk, Newark, N. J.

Sewer Pipe Machinery

(See Machinery, Sewer Pipe.)

Sewer Pipe Mfrs.

Akron Pipe Co., Akron O., & Mogadore, O.
American Sewer Pipe Co., Bessemer bldg, Pittsburg, Pa.
Appleton Sewer Pipe Co., Appleton, Wis.
Argillo Works, Carbon Cliff, Ill
Athens Fire Brick Co., Athens, Texas
Avon Milling & Mfg. Co., Avon, Ill.
Baltimore Terra Cotta Works, Baltimore, Md.
Berthelet, H. Sewer Pipe Co. (Cement), Pabst bldg, Milwaukee, Wis.
Blackmer & Post Pipe Co., Wainwright bldg, St. Louis, Mo.
BOSTON FIRE BRICK CO. (Geo. M. Fiske, Mngr.) (Dealers), 161 Devonshire. Boston, Mass. (See adv. index, end of book)
Boynton, C. W., Sewaren, N. J.
Brocket, C. A. Cement Co., 121 W 8th, Kansas City, Mo.
Browell, Jeremiah, 727 Montgomery, San Francisco, Cal.
Buckeye Fire Clay Co., Uhrichsville, O.
Buckeye Sewer Pipe Co., Akron, O.
Butte Sewer Pipe & Tile Co., Butte, Mont.
Central N. Y. Drain Tile Co., 217 S Warren. Syracuse, N. Y.
Chandler, S. D. (Cement), Nashua, N. H.
Chicago Sewer Pipe Co., c W 18th pl & S Rockwell, Chicago, & Brazil, Ind
Clark, N. & Sons, 19 Spear, San Francisco. Cal.
Clawson, L. E. & Co., San Francisco, Cal.
Cooper, John, 413 Oakland, Brooklyn, N. Y.
Dagus Brick Co., Smith blk, Daguscahonda. Pa.
Dee, Wm. E. Clay Mfg. Co., Royal Ins. bldg. Chicago, Ill. Works, Mecca, Ind.
Delaware Clay Mfg. Co., Delaware, O.
Denny Clay Co., Seattle, Wash.
Denver Sewer Pipe & Clay Co., Continental bldg, Denver, Colo.
Denver Terra Cotta Lumber Co., 1324 S Tremont, Denver, Colo.
Dickey, W. S. Clay Mfg. Co., Kansas City, Mo.
Duffy, J. P. & Co. (Dealers), 440 E 138th, N. Y.
East Ohio Sewer Pipe Co., Irondale, O.
Eichelberger, T. D. & Sons, Dayton, O.
Elmira Sewer Pipe & Fire Brick Co., 161 R. R. av, Elmira, N. Y.
Evens & Howard Fire Brick Co., 916 Market, St. Louis, Mo.
Excelsior Clay Works, Brazil, Ind.
Federal Clay Mfg. Co., 170 B'way, New York
Galveston Cement Pipe Works (Cement), Galveston, Tex.
Georgia Vitrified Brick & Clay Co., Augusta, Ga.
Gladding, McBean & Co., Rialto bldg, San Francisco, Cal.; Works, Lincoln, Cal.
Grand Ledge Sewer Pipe Co., Grand Ledge, Mich.
Harvey, Moland & Co., 620 Arch, Phila., Pa.
Haydenville Mining & Mfg. Co., Haydenville, O.
Hocking Clay Mfg. Co., Logan, O.
Hutchins, John A. & Co. 3 to 24 inches), Wyoming, Pa.
Illinois Mfg. Co., Macomb, Ill.
Illinois Sewer Pipe Co., 163 Randolph, Chicago, Ill.
Iowa Pipe & Tile Co., E 4th, Des Moines, Iowa
Joliet Mound Drain Tile Co., Joliet, Ill.
Kessler Brick & Sewer Pipe Co., Helena, Mont.
Laclede Fire Brick Mfg. Co., Manchester & Sulphur avs, St. Louis, Mo.
Little Falls Fire Clay Co., Tacoma, Wash. Works: Little Falls, Wash.
Los Angeles Stoneware & Sewer Pipe Co., Los Angeles, Cal.
Louisville Brick & Tile Co., Louisville, O.
Mack Mfg. Co., Land Title bldg, Phila., Pa.; Arrott bldg, Pittsburg, Pa. Works, New Cumberland, W. Va.
Macomb Sewer Pipe Co., Macomb, Ill.
Michigan Sewer Pipe Co., Jackson, Mich.
Millar, Chas. & Son Co. (Agents for Akron Sewer Pipe), Utica, N. Y.
Monmouth Mining & Mfg. Co., Monmouth, Ill.
Montague & Co., Chattanooga, Tenn.
Myers Clay Mfg. Co., Toronto, O.
National Terra Cotta Works, Washington, D. C.
New York State Sewer Pipe Co. (Selling Agents), Insurance bldg. Rochester, N.Y.
Owensboro Brick & Sewer Pipe Co., Owensboro, Ky.
Ohio River Sewer Pipe Co., Empire, O.
Pacific Clay Mfg. Co., 651 S B'way, Los Angeles, Cal.
Patton Clay Mfg. Co., Patton, Pa.
Person, O. D. (Mfrs.'s Agt.), 160 5th av, N. Y.
Pierce Mfg. Co. (Cement), 785 Housatonic av, Bridgeport, Conn.
Pierson, Arthur & Co. (Mfrs.' Agts.), 1 Park Row, New York
Pittsburg & Buffalo Co., Frick bldg, Pittsburg, Pa.
Pittsburg Brick & Pipe Co., Pittsburg, Kans.
Pittsburg Sewer Pipe & Conduit Co., Pittsburg, Kans.
Pomona Terra Cotta Co., Pomona, N. C.
Portland Sewer Pipe & Artificial Stone Co. (Cement), Portland, Me.
Potomac Terra Cotta Co., Corcoran bldg Washington, D. C.
Racine Cement & Pipe Co. (Cement), Racine, Wis.
Red Wing Sewer Pipe Co., Red Wing, Minn.
Red Wing Stoneware Co., Red Wing, Minn.
Reeve, Augustus, Camden, N. J.
Rhode Island Cement Drain Pipe Co. (Cement), Providence, R. I.
Robinson Clay Product Co., Akron, O.
Rochester Sewer Pipe Co., Rochester, N. Y.
Rose, Jas. V. & Son, Sharon, Pa.
St. Mary's Sewer Pipe Co., St. Mary's Pa.
San Antonio Sewer Pipe Co., San Antonio, Texas
Schuylkill Valley Clay Mfg. Co., Mutual Life bldg, Phila., Pa. Works, Shoemakerville, Pa.
Southern Sewer Pipe Co., Birmingham, Ala.
Standard Sewer Pipe Co., Rochester, N. Y.
Steven's, H. Sons Co., Macon, Ga.
Stowell Cement Pipe Co. (Cement), Los Angeles, Cal.
Stratton Fire Clay Co., Empire, O.
Streator Clay Mfg. Co., Streator, Ill.
Syracuse Stoneware Co. (Branch of Robinson Clay Product Co. of Akron, O.), 401 Fulton, Syracuse, N. Y.
Uhl Pottery Co., Evansville, Ind.
Webster Bros., Shelbyville, Ill.
White Hall Sewer Pipe & Stoneware Co., White Hall, Ill.
Williams, N. A. Co., Chamber of Commerce bldg, Chicago, Ill.
Wilson Baillie Mfg. Co. (Cement), 26 Court, Brooklyn, N. Y.
Withycomb, Philip, North Yamhill, Ore.

Sewer Siphons

(See Flush Tank Mfrs.)

Sewers (Web Tile System)

National Web Tile Sewer Co. (Parent Company), S. A. & K. bldg, Syracuse, N. Y.

Sewing Machine Mfrs

Ames Mfg. Co., Chicopee, Mass.
Arnold Sewing Macine Co., Newark, N. J.
Birch Bros., Somerville, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Curtis & Marble Machine Co. (Railway), Worcester, Mass.
Davis Sewing Machine Co., Dayton, O.
Demorest Mfg. Co., Williamsport, Pa.
Dinsmore Mfg. Co., Salem, Mass.
Fales, L. F., Walpole, Mass.
Florence Machine Co., Florence, Mass.
Foley & Williams Mfg. Co., 46 E Jackson boul, Chicago, Ill.
Household Sewing Machine Co., Providence, R.I.
Illinois Sewing Machine Co., Wabash & Randolph, Chicago, Ill.; Works, Rockford, Ill.
Industrial Mfg. Co., Camden, N. J.
Kruse Sewing Machine Co., 218 6th av, N. Y.
Kruse & Murphy Mfg. Co., 455 W 26th, N. Y.
McDermott Ornamental Sewing Machine Co., Troy, N. Y.
Metropolitan Sewing Machine Co., Nyack, N. Y.
Model Machine Co., Bridgeport, Conn.
Morley Button Sewing Machine Co., 133 Essex, Boston, Mass.
National Sewing Machine Co., Belvedere, Ill.
New Domestic Sewing Machine Co., 18 Exchange place, New York
New Home Sewing Machine Co., Orange, Mass.
Self-Threading Sewing Machine Co.
Singer Mfg. Co., Elizabeth, N. J.
Smith & Egge Mfg. Co. (Automatic Hand), Bridgeport, Conn.
Standard Sewing Machine Co., Cleveland, O.
Stanley Mfg. Co. (Shoe Sewing), Boston, Mass.
Union Button Sewing Mach. Co., 164 High, Boston, Mass.
Union Special Sewing Machine Co., 75 E Kinzie, Chicago, Ill.
Wheeler & Wilson Mfg. Co., Bridgeport, Conn.
White Sewing Machine Co., Rose bldg, Cleveland, O.
Wilcox & Gibbs Sewing Machine Co., 658 B'way, New York
Williams Mfg. Co., Plattsburg, N. Y.

Sewing Machines (Bag)

Union Special Sewing Machine Co., 75 E Kinzie, Chicago, Ill.
Wilcox & Gibbs Sewing Machine Co., 658 B'way, N. Y.

Sewing Machines (Carpet)

Singer Mfg. Co., 18th & 3d av, New York
Taft Mach. Co., Providence, R. I.

Sewing Machines (Chain Stitch)

Kruse & Murphy Mfg. Co., 455 W 26th, N. Y.
Singer Mfg. Co., 18th & 3d av, New York
Wilcox & Gibbs Sewing Machine Co., 658 B'way, N. Y.

Sewing Machines (Glove)

Ahlstrom, O. J., 95 Spring, N. Y.
Curtin-Herbert Mfg. Co., 75 S Main, Gloversville, N. Y.
White Sewing Machine Co., Cleveland, O.
Wilcox & Gibbs Sewing Machine Co., 658 B'way, New York
Williams Mfg. Co., Montreal, Canada.

Shackles (Chain)

Hayden-Corbett Chain Co., Columbus, O.
Laughlin, Thos. Co., Portland, Me.

Shade Cloth Mfrs

Breneman, Chas. W. & Co., Cincinnati, O.
Columbia Shade Cloth Co., B'way & 17th, N. Y.
Oswego Shade Cloth Co., Oswego, N. Y.

Shades (Aluminum)

Dale Co., 352 W 13th, New York
Faries Mfg. Co., Decatur, Ill.

Shades (Car Window)

(See Car Curtains & Materials.)

Shades (Glass or Porcelain)

Canton Glass Co., Marion, Ind.
Gillender & Sons (Inc.), 135 Oxford, Philadelphia, Pa.
McCreary Electric Co., 136 Liberty, New York
Phoenix Glass Co., "Electric & Gas," 2d Nat'l Bank bldg, Pittsburg, Pa., 13 Murray, New York

Shades (Glass, Pressed or Blown)

Gillender & Sons (Inc.), 135 Oxford, Phila., Pa.
United States Glass Co., Bingham & S 9th, Pittsburg, Pa.

Shades (Mirror Lined)

FRINK, ISAAC P., 551 Pearl, N. Y. (See adv. index, end of book)

Shades (Silk)

FRINK, ISAAC P., 551 Pearl, N. Y. (See adv. index, end of book)

Shades (Window & Porch)

Hough Shade Corporation ("Vudor"), Janesville, Wis.

Shades & Reflectors (Electric Light)

(See also Reflectors.)

Dale Co., 352 W 13th, New York
Faries Mfg. Co., Decatur, Ill.
FRINK, ISAAC P., 551 Pearl, N. Y. (See adv. index, end of book)
Gleason, E. P. Mfg. Co., 20 West Houston, New York
McCreary Electric Co., 136 Liberty, New York
Newton & Donnally, Hartford, W. Va.
Tea Tray Co., Newark, N. J.

Shaft Straightening Machines

(See Machines, Shaft Straightening.)

Shafting (Cold Drawn Steel)

AMERICAN STEEL & WIRE CO., Sales Offices: Rookery, Chicago; Battery Park bldg, New York; Worcester, Mass.; Frick bldg, Pittsburg; Western Reserve bldg, Cleveland; Chemical bldg, St. Louis; Pioneer Press bldg, St. Paul, Minn.; Equitable bldg, Denver; 16th & Folsom, San Francisco; 9th & Irving, Portland, Ore.; 160 Central av, Los Angeles, Cal.; 71 King Willam, London, Eng., & N. Y. Life bldg, Montreal, Canada. (See adv. index, end of book)
Cambria Steel Co., Arcade bldg, Philadelphia, Pa.; 71 B'way, New York, & Western Union bldg, Chicago. Works: Johnstown, Pa.
Columbia Bridge Co. (Die Rolled; also Cold Rolled), Park bldg, Pittsburg, Pa.
Cresson, Geo. V. Co., 18th & Allegheny av, Phila., Pa., & 141 Liberty, New York
Crucible Steel Co. of America, Frick bldg, Pittsburg, Pa.; 64 S Clinton, Chicago, & 71 B'way, N. Y.
Falls Rivet & Machine Co., Cuyahoga Falls, O.; 206 Fulton, New York, & 54 Purchase, Boston, Mass.
Jones & Laughlin Steel Co., Pittsburg, Pa.
Medart Patent Pulley Co., 3500 De Kalb, St. Louis, Mo.
Pennsylvania Shafting Co., Spring City, Pa.
Republic Iron & Steel Co., General Offices: 1st Nat'l Bank bldg, Chicago. District Sales Offices: Buffalo, Cleveland; Birmingham, Ala.; 64 B'way, New York; St. Louis, St. Paul; Pittsburg, Pa., & Cincinnati, O.
STRONG, CARLISLE & HAMMOND CO., 61 Frankfort, Cleveland, O. (See adv. index, end of book)
Union Drawn Steel Co., Beaver Falls, Pa.

Shafting Collars

BROWN, A. & F. CO., 25 Dey, New York, & Elizabeth, N. J. (See adv. front colored page)
Columbia Bridge Co., Park bldg, Pittsburg, Pa.
Cresson, Geo. V. Co., Allegheny av, W of 17th, Philadelphia, Pa., & 141 Liberty, New York
Dodge Mfg. Co., Mishawaka, Ind.
Falls Rivet & Machine Co., Cuyahoga Falls, O.; 208 Fulton, New York
Huntsville Foundry & Machine Works (Nolan & Jones, props.), Huntsville, Ala.
Jones & Laughlin Steel Co., Pittsburg, Pa.
Keystone Drop Forge Works (Drop Forged, Blanks, etc.), Chester, Pa.
Klein, Chas. C., 2850 N Marshall, Phila, Pa.
McMurray, C. F. Co. (Whole & Split), Troy, N. Y.
Medart Patent Pulley Co. (Plain or Sefety Type), St. Louis, Mo.
Middletown Machine Co., Middletown, O.
Patterson, Gottfried & Hunter (Ltd.), 150 Center, New York
Pittsburg Pulley Co., Frick bldg, Pittsburg, Pa.
Platt Iron Works Co., Dayton, O., & 93 Liberty ,New York
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Reading Wood Pulley Co.. Reading, Pa.
Rhode Island Tool Co. (Cold Punched), Providence, R. I.
Smith, Ira B. (Split & Solid), Bristol, Conn.
STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S Clinton, Chicago, Ill.; 135 N 5th, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria St, London, Eng. (See adv. index, end of book)
Union City Foundry Co., Union City, Pa.
Williams, J. H. & Co. (Drop Forged), 9 Richards, Brooklyn, N. Y.

Shafting (Hollow Seamless Steel)

Standard Seamless Tube Co., Ellwood City, Pa.

Shafting (Polished Steel)

AMERICAN STEEL & WIRE CO., Sales Offices: Rookery, Chicago; Battery Park bldg, New York; Worcester, Mass.; Frick bldg Pittsburg; Western Reserve bldg, Cleveland; Chemical bldg, St. Louis; Pioneer Press bldg, St. Paul, Minn.; Equitable bldg, Denver; 16th & Folsom, San Francisco; 9th & Irving, Portland, Ore.; 160 Central av, Los Angeles, Cal.; 71 William, London, Eng., & Montreal, Canada sh[illegible]no London, Eng., & N. Y. Life bldg, Montreal, Canada. (See adv. index, end of book)
Bliss & Laughlins (Keyseated & Fitted with Couplings), Harvey, Ill.
Brightman Mfg. Co. (¼ to 6 inches, inclusive), Shelby, O.
Buffalo Steel Shafting Co., ft Baitz av, Buffalo, N. Y.
Cambria Steel Co., Johnstown, Pa.; Arcade bldg, Philadelphia, Pa., & 71 B'way, New York
Columbia Bridge Co., Park bldg, Pittsburg, Pa.
Compressed Steel Shafting Works, 393 Dorchester av, Boston, Mass.
Cresson, Geo. V. Co., Allegheny av, W of 17th, Phila., Pa., 141 Liberty, New York
Crucible Steel Co. of America, Frick bldg, Pittsburg, Pa.; 64 S Clinton, Chicago, & 71 B'way, N. Y.
Cumberland Steel Co. (Turned & Ground), Cumberland, Md.
Finished Steel Co., Youngstown, O.
Fitzsimons & Co., 626 B'way, Cleveland, O.
Jones & Laughlins Steel Co., Pittsburg, Pa.
Medart Patent Pulley Co., 3500 De Kalb av, St. Louis, Mo.
Penn. Steel Shafting Co., Spring City, Pa.
Reading Iron Co., Reading, Pa.
Republic Iron & Steel Co., General Offices: 1st Nat'l Bank bldg, Chicago. District Sales Offices: Buffalo, Cleveland, O.; Birmingham, Ala.; 64 B'way, New York; St. Louis, St. Paul, Minn.; Pittsburg, Pa., & Cincinnati, O.
Union Drawn Steel Co., Beaver Falls, Pa.

Shafting (Turned)

American Tool & Machine Co. (Iron), 109 Beach, Boston, Mass.
BROWN, A. & F. CO., 25 Dey, New York. Works, Elizabeth, N. J. (See adv. front colored page)
Cleveland City Forge & Iron Co., 67 Case av, Cleveland, O.
Medart Patent Pulley Co. (Steel), 3500 De Kalb, St. Louis, Mo.
Titusville Forge Co. (Forged 10 lbs. to 20 Tons), Titusville, Pa.
STANDARD GAUGE STEEL CO., Beaver Falls, Pa. (See adv. index, end of book)

Shafts (Flexible)

Chicago Flexible Shaft Co., La Salle av & Ontario. Chicago, Ill.
Gem Mfg. Co. ("Gem"), Spruce nr 33d, Pittsburg, Pa.
Stow Flexible Shaft Co., N 26th & Buttonwood, Philadelphia, Pa.
Stow Mfg. Co., Binghamton, N. Y.

Shafts (Key Seating)

Judson Mfg. Co., cor Howard & Beale, San Francisco, Cal.
Licking Rolling Mill Co., Covington, Ky.
Lockhart Iron & Steel Co., McKee's Rocks, Pa.
Pardee, C., Works (Planished), Perth Amboy, N. J.
Penn Iron Co. (Iron), Lancaster, Pa.
Pittsburg Steel Shafting Co., Braddock, Pa.
Reading Iron Co., Reading, Pa.
Republican Iron & Steel Co. General Offices: Stock Exchange bldg, Chicago. District Sales Offices: Buffalo, Cleveland; Birmingham, Ala.; 64 B'way, N. Y.; St. Louis, St. Paul, & Cincinnati, O.
STANDARD GAUGE STEEL CO., Beaver Falls, Pa. (See adv. index, end of book)
Union Drawn Steel Co., Beaver Falls, Pa.

Shampoos

Edwardsville Brass Co., Edwardsville, Ill.

Shanks (Carrying)

ANDERSON, W. H. & SONS (Double & Singles), Detroit, Mich. (See adv. index, end of book)

Shaping Machines

(See Machines, Shaping.)

Shares (Plow & Lister)

Havana Metal Wheel Co. ("Crescent"), Havana, Ill.
Weyburn Co., Rockford, Ill.

Sharpeners (Disc)

B. B. Mfg. Co., Davenport, Ia.
Chicago Wheel & Mfg. Co. (Gem), Chicago, Ill.
Clark Mfg. Co. (Moline), Moline, Ill.
Clizbe Bros. Mfg. Co. (Plymouth), Plymouth, Ind.
Deere & Mansur Co., Moline, Ill.
Herschel, R. Mfg. Co. (Reliable), Peoria, Ill.
Kane Bros. & Co., Warren, Ill.
Lancaster Mfg. Co. (New Lancaster), Masillion, Ia.
Luther, C. J. Co. (American & Star), Port Washington, Wis.
Novelty Mfg. Co., Rock Island, Ill.
Rock Island Plow Co., Rock Island, Ill.
Schofield & Co. (Daisy), Freeport, Ill.
Wenzelman Mfg. Co. (Farmers' Delight), Streator, Ill.

Sharpeners (Drill Steel)

INGERSOLL-SERGEANT DRILL CO., The ("Ajax"), 26 Cortlandt, New York. Offices: Old Colony bldg, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 First av, Seattle, Wash.; Corestine bldg, Montreal, Canada; Mexico City, Calle 2a de Dolores No. 20, Mexico D. F.; London, Eng., 114a Queen Victoria St; Paris, France, 51 Due de la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence St,; Kalgoorlis, West Australia, P. O. Box 152; Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co.; Lima, Peru; W. R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv. index, end of book)

Sharpeners (Knife & Scissor Wheel)

Diamond Machine Co., Providence, R. I.

Sharpeners (Lawn Mower)

Chicago Wheel & Mfg. Co. (Gem), Chicago, Ill.
Wilcox Mfg. Co., Aurora, Ill.

Sharpeners (Saw)

Atkins, E. C. & Co., 402 S Illinois, Indianapolis, Ind.
Covel Mfg. Co. (Band Saw, etc.), Chicago, Ill.
Diamond Machine Co., Providence, R. I.
Disston, Henry & Sons (Inc.), Tacony, Phila., Pa., & 75 Wash'n, Chicago, Ill.
FILER & STOWELL CO., Becher & Ziemer, Milwaukee, Wis. (See adv. index, end of book)
Keystone Machine Tool Works (Automatic), Ridge av & Hamilton, Philadelphia, Pa.
Rich, E. B. & Son, 52 W Wash'n, Chicago, Ill.
Riverside Iron Works (Crescent), Kokomo, Ind.
Rogers, S. C. & Co. (Band Saw), Buffalo, N.Y.
Star Corundum Wheel Co. (Automobile), Detroit, Mich.
Wickes Bros. (Hand, etc.), Saginaw, Mich.

Sharpeners (Skate)

Osborn Mfg. Co. (File in Quick), 1331 Hamilton, Cleveland, O.

Shavers (Ice)

Enterprise Mfg. Co., 3d & Dauphin, Phila., Pa.
Erie Specialty Co. ("Walker's"), Erie, Pa.
National Novelty Corp'n, 826 B'way, New York
North Bros. Mfg. Co., Lehigh av & American, Philadelphia, Pa.
Stortz, John & Son, 210 Vine, Phila., Pa.

Shavers (Smoked Beef)

Enterprise Mfg. Co., 3d & Dauphin, Phila., Pa.

Shavings (Baled)

Alliger, F. I. Lumber Co., Tonawanda, N. Y.

Shavings (Vinegar & Brewers)

Kelso & Co. (Clarifying), 209 S Clinton, Chicago, Ill.

Shavings (Zinc)

Calkins Co., Los Angeles, Cal.
Pacific Tank Co., San Francisco & Los Angeles, Cal.

Shear Knives (Solid Steel)

(See Knives, Solid Steel Shear.)

Shearing & Punching Machinery

(See Machinery, Punching & Shearing.)

Shears

(Under this Heading see Sub-classifications.)
(See also "Machinery, Punching & Shearing.")
(See also "Punches, Various Kinds.")

Shears (Alligator)

(See Shears Lever.)

Shears (Angle Iron)

Alliance Machine Co., Alliance, O.
Long & Allstatter Co. (Steam, Belt or Motor Driven, Double or Single Geared & on Turntable), Hamilton, O.
New Doty Mfg. Co., Janesville, Wis.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Reade Machinery Co. (Double), Cleveland, O.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.
United Engineering & Foundry Co., Farmers' Bank bldg, Pittsburg, Pa., & Youngstown, O.
Whiting, Geo. Co., 428 N Halsted, Chicago, Ill.

Shears (Bar & Plate)

Alliance Machine Co., Alliance, O.
Cleveland Punch & Shear Works Co., 156 Case av, Cleveland, O.
Hogg, Geo. A. Iron & Steel Foundry Co., 24th & R R, Pittsburg, Pa.
Long & Allstatter Co. (Bar Iron, Steam, Belt or Motor Driven), Hamilton, O.
Mesta Machine Co., Lewis blk, Pittsburg, Pa.
Newbold, R. S. & Son Co., Norristown, Pa.
New Doty Mfg. Co., Janesville, Wis.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Philadelphia Roll & Machine Co., 23d & Wash., Phila., Pa.
Phillips & McLaren, 24th & Smallman, Pittsburg, Pa.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.
United Engineering & Foundry Co., Pittsburg, Pa., & Youngstown, O.
Vulcan Foundry & Machine Co., New Castle, Pa.
Whiting, Geo. GCo., 428 N Halsted, Chicago, Ill.

Shears (Beam & Channel)

Alliance Machine Co., Alliance, O.
Hilles & Jones Co., Wilmington, Del.
Hogg, Geo. A. Iron & Steel Foundry Co., 24th & R. R., Pittsburg, Pa.
New Doty Mfg. Co., Janesville, Wis.
Niles-Bement-Pond Co., 136 Liberty, New York Works, Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Pels, Henry & Co. (John's Patent), 66 Broad, New York
Philadelphia Roll & Machine Co., S 23d & Wash'n av, Phila., Pa.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Philadelphia, Pa.
United Engineering & Foundry Co., Farmers' Bank bldg, Pittsburg, Pa., & Youngstown, O.
Watson-Stillman Co., 46 Dey, New York

Shears (Bench)

NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Oliver, W. W. Mfg. Co. (Jewelers), 1483 Niagara, Buffalo, N. Y.
Sweetser, Wm. A. (Hand or Power), Brockton, Mass.

Shears (Beveling)

Cleveland Punch & Shear Works Co., 156 Case av, Cleveland, O.
Hilles & Jones Co., 900 Church, Wilmington, Del.
Long & McAllstatter Co. (Boiler Plate, etc.), Hamilton, O.

New Doty Mfg. Co., Janesville, Wis.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Niles-Bement-Pond Co., 136 Liberty, New York. Works: Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Philadelphia, Pa.
United Engineering & Foundry Co., Farmers' Bank bldg, Pittsburg, Pa., & Youngstown, O.

Shears (Billet & Bloom)

Alliance Machine Co., Alliance, O.
Bethlehem Steel Co., South Bethlehem, Pa., & 100 B'way, New York
Cleveland Punch & Shear Works, 156 Case av, Cleveland, O.
Lewis Foundry & Machine Co., 1001 Bingham, Pittsburg, Pa.
Long & McAllstatter Co. (Belt, Motor or Steam Driven), Hamilton, O.
Masta Machine Co., Lewis blk, Pittsburg, Pa.
Morgan Construction Co., Worcester, Mass.
Morgan Engineering Co., Alliance, O. (Rolling Mill, etc.)
New-Doty Mfg. Co. (Heavy Motor Driven), Janesville, Wis.
Phillips & McLaren, 24th & Smallman, Pittsburg, Pa.
United Engineering & Foundry Co., Farmers' Bank bldg, Pittsburg, Pa., & Youngstown, O.
Williams, White & Co., Moline, Ill.

Shears (Circular)

Bethlehem Foundry & Machine Co., South Bethlehem, Pa.
Gould & Eberhardt (Hand or Foot Power), Newark, N. J.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 27 Murray, New York
Poorman Mfg. Co., Piqua, O.
Waterbury-Farrell Foundry & Machine Co., Waterbury, Conn.
West Mfg. Co., 374 7th, Buffalo, N. Y.

Shears (Crocodile)

Evans, John Sons, 13th & Buttonwood, Phila., Pa.
United Engineering & Foundry Co., Farmers Bank bldg, Pittsburg, Pa., & Youngstown, O.

Shears (Doubling Plate & Sheet Mill)

Aetna Foundry & Machine Co., Warren, O.
Hogg, Geo. A. Iron & Steel Foundry Co. (For Tin Mills, etc.), 24th & R R, Pittsburg, Pa.
Lewis Foundry & Machine Co., Pittsburg, Pa.
Mesta Machine Co., Lewis blk. Pittsburg, Pa.
Philadelphia Roll & Machine Co., 23d & Wash., Phila., Pa.
Phillips & McLaren, 24th & Smallman, Pittsburg, Pa.
Union Foundry & Machine Co., West Carson st, Pittsburg, Pa.
United Engineering & Foundry Co., 54th & A V Ry, Pittsburg, Pa.
Vulcan Foundry & Machine Co., New Castle, Pa.

*Shears for Heavy Boiler Plates Etc.

BRAUN, J. G., 322 S Paulina, Chicago, Ill., & 554 W 36th, New York. (See adv. index, end of book)

*Shears for Sheet Metal Work

BRAUN, J. G., 322 S Paulina, Chicago, Ill., & 554 W 36th, New York. (See adv. index, end of book)

Shears (Cate or Guillotine)

Alliance Machine Co., Alliance, O.
Long & Allstatter Co. (Gate Shears, Motor, Belt or Steam Driven & Double or Single Geared), Hamilton, O.
Perkins Machine Co., S B, Boston, Mass.
United Engineering & Foundry Co., Farmers' Bank bldg, Pittsburg, Pa., & Youngstown, Pa.
Wood, R. D. & Co., 400 Chestnut, Phila., Pa.

Shears (Grass)

(See Shears, Sheep, Grass, etc.)

Shears (Hand)

Bertsch & Co., Cambridge City, Ind.
Eckstein, Charles G., (Sheet Iron), 249 Centre, N. Y.
NIAGARA MACHINE & TOOL Works (For Sheet Metal), Buffalo, N. Y. (See adv. index, end of book)
Smith & Egge Mfg. Co. ("Eureka" for Cutting Wire, Rods & Strip Metal), Bridgeport, Conn.

Shears (Horse Clipping)

Smith, J. Barton Co., N Norris & Hope, Phila., Pa.
National Cutlery Co. ("National" Roaching), 3d & Lehigh av, Phila., Pa.
Wilkinson Shear Co., Reading, Pa.
Wiss, J. & Sons Co., Newark, N. J.

Shears (Hydraulic)

Alliance Machine Co., Alliance, O.
Bertsch & Co., Cambridge City, Ind.
Bethlehem Steel Co., South Bethlehem, Pa., & 100 B'way, New York
Hogg, Geo. A., Iron & Steel Foundry Co. (Upright, etc.) 24th & R. R., Pittsburg, Pa.
Maryland Steel Co., Sparrows Point, Baltimore, Md.
Mesta Machine Co., Lewis blk. Pittsburg, Pa.
Morgan Construction Co., Worcester, Mass.
Morgan Engineering Co., Alliance, O.
Niles-Bement-Pond Co., 136 Liberty, New York. Works: Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Philadelphia Roll & Machine Co., S 23d & Washington av, Phila., Pa.
Sellers, Wm. & Co., 1600 Hamilton, Philadelphia, Pa.
Southwork Foundry & Machine Co., 5th & Washington av, Philadelphia, Pa.
United Engineering & Foundry Co., Farmers' Bank bldg ,Pittsburg, Pa., & Youngstown, O.
Watson-Stillman Co., 46 Dey, New York
Wood, R. D. & Co., 400 Chestnut, Philadelphia, Pa.
Wood, Wm. H., Media, Pa.

Shears (Lever)

Bethlehem Foundry & Machine Co. (Steam or Belt for Bar Plate, Scrap, etc.), S Bethlehem, Pa.
Bertsch & Co., Cambridge City, Ind.
Birmingham Iron Foundry, Derby, Conn.
Crane, W. W. Foundry & Machine Works, Auburn, N. Y.
Edwards, C. D., Albert Lea, Minn.
Farrell Foundry & Machine Co., Ansonia, Conn.
Fulton Iron Works ("Detroit" Compound Compound Lever), Detroit, Mich.
King & Walker Co., Madison, Wis.
Heartley Machine Variety Iron & Tool Works (Hand Lever), Toledo, O.
National Machinery Co., Tiffin, O.
NIAGARA MACHINE & TOOL Works, Buffalo, N. Y. (See adv. index, end of book)
Pawtucket Mfg. Co., Pawtucket, R. I.
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O.. & 27 Murray, New York
Philadelphia Roll & Machine Co. (For Scrap & Old Boiler Shells, etc.), S 23d & Wash'n av, Phila., Pa.
Robinson, J. M. Mfg. Co. (Slitting), 2d & Central av, Cincinnati, O.
United Engineering & Foundry Co., Farmers' Bank bldg, Pittsburg, Pa., & Youngstown, O.
Vulcan Foundry & Machine Co. (Rolling Mill), Newcastle, Pa.

Shears (Paper Hangers')

National Cutlery Co., 3d & Lehigh av, Phila., Pa.
Schatt & Morgan Cutlery Co., Titusville, Pa.
Stortz, Jno. & Son, 210 Vine, Phila., Pa.
Wiss, J. & Sons Co., Newark, N. J.

Shears (Plate Splitting)

Alliance Machine Co., Alliance, O.
Bertsch & Co. ("Universal"), Cambridge City, Ind.
Long & Allstatter Co. (Steam, Belt or Motor Driven), Hamilton, O.
NIAGARA MACHINE & TOOL CO., Buffalo, N. Y. (See adv. index, end of book)
United Engineering & Foundry Co., Farmers' Bank bldg, Pittsburg, Pa., & Youngstown, O.

Shears (Power)

Alliance Machine Co., Alliance, O.
Bertsch & Co., Cambridge City, Ind.
Bliss, E. W. Co., 19 Adams; Brooklyn, N. Y.
Bremer Machine & Tool Co. (Also Hand), Kalamazoo, Mich.
King & Walker Co., Madison, Wis.
Mackintosh-Hemphill & Co., ft of 12th, Pittsburg, Pa.
Morgan Engineering Co., Alliance, O.
National Machinery Co., Tiffin, O.
New Doty Mfg. Co., Jamesville, Wis.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. (See adv. index, end of book)
Niles-Bement-Pond Co., 136 Liberty, New York. Works: Hamilton, O.; Philadelphia, Pa., & Plainfield, N. J.
Pels, Henry & Co. (John's Patent), 66 Broad, New York
Poorman Mfg. Co., Piqua, O.
Pratt & Whitney Co., Hartford, Conn.
Royersford Foundry & Machine Co., Royersford, Pa.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Philadelphia, Pa
United Engineering & Foundry Co., Farmers' Bank bldg, Pittsburg, Pa., & Youngstown, O.
Waterbury Farrell Foundry & Machine Co., Waterbury, Conn.
Watson-Stillman Co., 46 Dey, New York
West Mfg. Co., 374 7th, Buffalo, N. Y.
Williams, White & Co., Moline, Ill.
Young, W. C. Mfg. Co., Worcester, Mass.

Shears (Pruning)

Carver Tool Works, "Carver's," Spring Valley, N. Y.
Clipper Shear Co., Clyde, O.
Cronk & Carrier Mfg. Co., Elmira, N. Y.
Clyde Cutlery Co. (Hedge, etc.), Clyde, O.
Davy Spring Seat Co. (Duesler), Mohawk, N. Y.
Denison Mfg. Co. ("Denison"), Warren, O.
Eichelman, C. W., Rochester, N. Y.
Elyria Variety Works, Jackson, Mich.
Field Force Pump Co. (The Niagara & Henry) Elmira, N. Y.
Henry, John T. Mfg. Co., Hamden, Conn.
Henry & Allen (Pruning Knives), Auburn, N. Y.
International Cutlery Co. ("New Buckeye"), Fremont, O.
Little Giant Mfg. Co., Saugatuck, Mich.
Nagley Mfg. Co. (Diamond), Lyons, N. Y.
Ney, V. L. Co., Canton, O.
Oshkosh Logging Tool Co., Oshkosh, Wis.
Smith, Seymour & Son (Royal, Concord, Taylor, Leaven, Ideal, California, Rockdale & Standard), Oakville, Conn.
Wilkinson Shear Co., Reading, Pa.
Wiss, J. & Sons Co. (Solid Steel), Newark, N. J.

Shears (Rotary)

Bethlehem Foundry & Machine Co., South Bethlehem, Pa.
Bliss, E. W. Co. (Slitting), 19 Adams, Brooklyn, N. Y.
Detrick & Harvey Mach. Co. (Slitting), Baltimore, Md.
Ham, L. M. & Co., 150 Portland, Boston, Mass.
Heartley Machine Variety Iron & Tool Works, Toledo, O.

Hibbard, Wm. H., 29 Wash'n, Brooklyn, N. Y.
Hilles & Jones Co., 900 Church, Wilmington, Del.
Lennox Machine Co. (Beveling & Splitting), Marshalltown, Ia.
National Machinery Co., Tiffin, O.
Newbold R. S. & Son Co., Norristown, Pa.
NIAGARA MACHINE & TOOL Works, Buffalo, N. Y. (See adv. index, end of book)
Poorman Mfg. Co., Piqua, O.
Toledo Machine & Tool Co., Toledo, O.
West Mfg. Co., Buffalo, N. Y.
Whiting, Geo. Co., 428 N Halsted, Chicago, Ill.

Shears (Rotary, Pipe Cutting)

Newbold R. S. Son Co., Norristown, Pa.
United Engineering & Foundry Co., Farmers' Bank bldg, Pittsburg, Pa., & Youngstown, O.

Shears (Scrap)

Hogg, Geo. A., Iron & Steel Foundry Co. (Heavy), 24th & R. R., Pittsburg, Pa.
United Engineering & Foundry Co., Farmers' Bank bldg, Pittsburg, Pa., & Youngstown, O.

Shears (Sheep, Grass Lawn & Hedge)

Diamond Shear Co., Wilmington, Del.
Gay, Geo. E. ("Uncle Sam"), Augusta, Me.
Smith, J. Barton Co., Norris & Hope, Phila., Pa.
Wilkinson Shear & Cutlery Co., Reading, Pa.

Shears (Slitting)

Bertsch & Co., Cambridge City, Ind.
Bliss, E. W. Co., 19 Adams, Brooklyn, N. Y.
Cleveland Punch & Shears Works Co., 156 Case av, Cleveland, O.
Detrick & Harvey Machine Co. (Rotary), Baltimore, Md.
Keene, Geo. C. & Co., 2327 Florence, Cincinnati, O.
King & Walker Co., Madison, Wis.
Lewis Foundry & Machine Co., Pittsburg, Pa.
Mersick, C. S. & Co. (Compound Lever & Pinion), New Haven, Conn.
NIAGARA MACHINE & TOOL Works (Hand Slitting), Buffalo, N. Y. (See adv. index, end of book)
Pawtucket Mfg. Co., (52-inch), Pawtucket, R. I.
Poorman Mfg. Co., Piqua, O.
St. Louis Machine Tool Co., 1114 S 8th, St. Louis, Mo.
Union Foundry & Machinery Co., W Carson st., Pittsburg, Pa.
United Engineering & Foundry Co., Farmers' Bank bldg, Pittsburg, Pa., & Youngstown, O.
West Mfg. Co., 374 7th, Buffalo, N. Y.
Whiting, Geo. Co., 428 N Halsted, Chicago, Ill.

Shears (Squaring)

Aetna Foundry & Machine Co. (For Tin & Sheet Mills, Warren, O.
Ams, Max (Can Makers, etc.), 372 Greenwich, New York
Ayars Machine Co. (For Can Making, etc.), Salem, N. J.
Bertsch & Co., Cambridge, Ind.
Bliss, E. W. Co., 19 Adams, Brooklyn, N. Y.
Crosby, G. A. & Co., 176 S Clinton, Chicago Ill.
Eppinstall, H. Forge Co., 47th & A. V. R. R., Pittsburg, Pa.
Heartley Machine Variety Iron & Tool Works, Toledo, O.
Johnson, Israel H., Jr., Co., 1422 Callowhill, Phila., Pa.
Keene, Geo. C. & Co., 2327 Florence, Cincinnati, O.
Lewis Foundry & Machine Co., 1001 Bingham, Pittsburg, Pa.
Mesta Machine Co., Lewis blk., Pittsburg, Pa.
Morgan Engineering Co., Alliance, O.
NIAGARA MACHINE & TOOL Works, Buffalo, N. Y. (See adv. index, end of book)
Ohl, Geo. A. & Co. (Heavy & Light), Newark, N. J.
Peck, Stow & Wilcox Co. (for Sheet Metal) Southington, Conn.; Cleveland, O., & 27 Murray, N. Y
Phillips & McLaren, 24th & Smallman, Pittsburg, Pa
Poorman Mfg. Co., Piqua, O.
Toledo Machine & Tool Co., Toledo, O.
United Engineering & Foundry Co., Farmers' Bank bldg, Pittsburg, Pa., & Youngstown, O.
Union Foundry & Machine Co., W Carson st, Pittsburg, Pa.
Vulcan Foundry & Machine Co., New Castle Pa.
Waterbury Farrell Foundry & Machine Co., Waterbury, Conn.
West Mfg. Co., 374 7th, Buffalo, N. Y.
Whiting, Geo. Co., 428 N Halsted, Chicago, Ill.

Shears (Tobacco)

Nagley Mfg. Co. (Cutting Tobacco in the Field), Lyons, N. Y.

Shears (Weavers')

Wilkinson Shear Co., Reading, Pa.

Shears (Wire Rod, Etc.)

Smith & Egge Mfg. Co. (Eureka), Bridgeport, Conn. & 62 Reade, N. Y.

Shears & Punches (Combined)

Hibbard, Wm. H., 19 Washington, Brooklyn, N. Y.

Shears & Scissors

Acme Shear Co., Bridgeport, Conn.
American Shear & Knife Co., "Shears," Hotchkissville, Conn.
Bridgeport Hdw. Mfg. Corp., Bridgeport, Conn.
Heinisch's, S. R. Sons Co., Newark, N. J.
International Cutlery Co., Fremont, O.
Mallison, J. Shear Co., West Cornwall, Conn.
National Cutlery Co. (National), 3d & Lehigh av, Phila., Pa.
Schatt & Morgan Cutlery Co., Titusville, Pa.
Wiss, J. & Sons Co., Newark, N. J.

Sheave Bushing, Tackle Block

NORTH AMERICAN METALINE CO., 4 West av, Long Island City, N. Y. (See adv. index, end of book)

Sheave or Pulley Filling (Rubber)

Morgan & Wright (Inc.), 19 N May, Chicago, Ill.

Sheaves (Ball Bearing Show Case)

Gardner-Champlain Co., 146 Dearborn, Chicago, Ill.
Johnston & Sharpe Mfg. Co., Ottumwa, Ia.

Sheaves (Door)

Brewer Bros. (Anti-Friction Run), 614 Filbert, Phila., Pa.
Corbin Cabinet Lock Co. (Cast Brass Sliding Door Sheave & Rail), New Britain, Conn.
Kupferle, John C. (Also Sliding Door), c 2d & Mound, St. Louis, Mo.
Nicol & Co., 57 W. Wash'n, Chicago, Ill.
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 27 Murray, N. Y.
Penn Hardware Co., Reading, Pa.
Reading Hardware Co., Reading, Pa.; 96 Reade, N. Y.; Phila., Pa. & Chicago, Ill.
Russell & Erwin Mfg. Co., New Britain, Conn.
Sargent & Co., New Haven, Conn., & 151 Leonard, N. Y.
STOWELL MFG. & FOUNDRY CO., S Milwaukee, Wis. (See adv. index, end of book)
Wrightsville Hrw. Co. (also Sliding Door), Wrightsville, Pa.

Sheaves (Shutter)

Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 27 Murray, New York
Reading Hardware Co., Reading, Pa; 96 Reade N. Y.; Phila, Pa.; Chicago, Ill.
Russell & Erwin Mfg. Co., New Britain, Conn., & 43 Chambers, New York
Sargent & Co., New Haven, Conn., & 151 Leonard, New York

Sheaves (Tackle Block)

(See also Blocks, Tackle.)

Boston & Lockport Block Co., 160 Commercial, Boston, Mass.; 33 South, N. Y., & Lockport, N. Y.
CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
Cleveland Block Co., 163 River, Cleveland, O.
Contractors' Plant Mfg. Co., 129 Erie, Buffalo, N. Y.
Dubuar, J. A. Mfg. Co., Northville, Mich.
Laughlin, Thos. Co., Portland Me.
Marine Hardware & Equipment Co., South Portland, Me.
Union Hardware Co., Torrington, Conn.
Wilcox, Crittenden & Co., Middletown, Conn.

Sheaves (Wire & Manilla Rope)

(See also Machinery, Power Transmitting.)

Bates Machine Co., Joliet, Ill.
Beatty, M. & Sons (Rope Only), Welland, Ont., Can.
Bellwood Mfg. Co. (Rope), Bellwood, Pa.
Boston & Lockport Block Co. (Rope), 160 Commercial, Boston; 33 South, N. Y., & Lockport, N. Y.
BRODERICK & BASCOM ROPE CO. (Wire Rope), 809 N Main, St. Louis, Mo., & 33 South, N. Y. (See adv. index, end of book)
BROWN, A. & F. CO., 25 Dey, New York, & Elizabeth, N. J. (See adv. front colored page)
CALDWELL, W. E. CO., Brandeis av, & Brook, Louisville, Ky. (See adv. index, end of book)
Contractors' Plant Mfg. Co., 129 Erie, Buffalo, N. Y.
Crawford & McCrimmon Co. (Wrought Iron Spoke, Rope Sheaves Only), Brazil, Ind.
Cresson, Geo. V. Co., Allegheny av, W of 17th, Phila., Pa., & 141 Liberty, N. Y.
Davis, R. M., Iron Works Co., 8th & Larimer, Denver, Col.
Dodge Mfg. Co., Mishawaka, Ind.
Downie-Wright Mfg. Co., York, Neb.
Exeter Machine Works, Pittston, Pa.
Falls Rivet & Machine Co., Cuyahoga Falls, O., & 206 Fulton, New York
Garland, M. Co., Bay City, Mich.
Great Western Mfg. Co., Leavenworth, Kan.
HAZARD MFG. CO. (For Wire Rope Only), Wilkesbarre, Pa.; 50 Dey, New York; Conestoga bldg, Pittsburg, Pa., & 71 W Adams, Chicago, Ill. (See adv. index, end of book)
Hill Clutch Co., ft. Waverly av, Cleveland, O.
Jones, W. A. Foundry & Machine Co., 143 W North av, Chicago, Ill.
Jones & Laughlin Steel Co., Pittsburg, Pa.
Kenney & Co. (Rope Transmission), Scottdale, Pa.
Lake Shore Engine Works, Marquette, Mich.
LESCHEN, A. & SONS ROPE CO., 920 N. 1st, St. Louis, Mo.; 137 E. Lake, Chicago; 163 Wash'n, N. Y., 1717-23 Arapahoe, Denver, Colo. (See adv. index, end of book)
Link Belt Engineering Co. (Manilla Rope Only), Nictown, Phila., Pa.; 49 Dey, New York, & Park bldg, Pittsburg, Pa.
Link Belt Machinery Co., W 39th & Stewart av, Chicago, Ill.

McMurray, C. F. Co., Troy, N. Y.
MACOMBER & WHYTE ROPE CO., 21 S Canal, Chicago, Ill., & 131 Worth, New York. (See adv. index, end of book)
Marseilles Mfg. Co., Marseilles, Ill.
Mead-Morrison Mfg. Co., 11 B'way, New York, Boston, Mass., & Chicago, Ill.
Medart Patent Pulley Co., 3500 De Kalb av, St. Louis, Mo.
Mine & Smelter Supply Co., Denver, Col., & 139 Liberty, N. Y.; Elpaso, Tex.; Salt Lake City, Utah
MINNEAPOLIS STEEL & MACHINEry Co., Minneapolis, Minn . (See adv. index, end of book)
N. J. FOUNDRY & MACHINE CO., 9 Murray, N. Y. (See adv. index, end of book)
Nordyke & Marmon Co., Indianapolis, Ind.
Pittsburg Pulley Co., Frick bldg., Pittsburg, Pa.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Robinson Machine Co., Monongahela, Pa.
Skillin & Richards Mfg. Co. (Rope), 147 Fulton, Chicago
Strait, H. N. Co., Kansas City, Mo.
TERRY & TENCH CO. (Inc.), Lexington av & 131 st, New York. (See adv. index, end of book)
Union Foundry & Machine Co., Pittsburg, Pa.
Vulcan Iron Works, Wilkesbarre. Pa.
WEBSTER MFG. CO., 1075 W 15th, Chicago, & 38 Dey, New York. (See adv. index, end of book)
Western Block Co. (Rope). Lockport, N. Y.
Williamsport Clutch & Pulley Co., Williamsport, Pa.
Wood's, T. B. Sons, Chambersburg, Pa.

Sheaves (Wood Split)

(See Pulleys, Wood Split.)

Shedders (Fodder)

Appleton Mfg. Co., Batavia, Ill.
Dick, Jos. Agricultural Works, Canton, O.
Keystone Mfg. Co., Sterling, Ill.

Sheet Brass & Copper

(See Copper & Brass Sheet.)

Sheet Metal Borders & Friezes

Broschart & Braun, 601 W 130th, N. Y.
Frand, Martin J. & Co., 112 Arch, Camden, N.J.
FRIEDLEY & VOSHARDT, 196 Mather, Chicago. (See adv. index, end of book)
Gerock Bros. Mfg. Co., 1250 Manchester av, St. Louis, Mo.
Hergert. Theo. E., 384 2d av, New York
Miller & Doing, 83 Wash'n, Brooklyn, N. Y.
MILWAUKEE CORRUGATING CO., Milwaukee, Wis. (See adv. index, end of book)
Mullins, W. H., Salem, O.
PRUDEN, C. D. CO., Builders' Exchange, Baltimore, Md. (See adv. index, end of book)
Solosth, L. H. & Sons, Grand Rapids, Mich.
Thoresen, Wm., 816 N Western av, Chicago
White, James, 446 Adelphia, Brooklyn, N. Y.

Sheet Metal Statuary

FRIEDLEY & VOSHARDT, 196 Mather, Chicago. (See adv. index, end of book)
Gerock Bros. Mfg. Co., 1252 Manchester av, St. Louis, Mo.
Hergert, Theo. E., 382 2d av, N. Y.
Mesker Bros., 421 S 6th, St. Louis, Mo.
Miller & Doing, 83 Wash'n, Brooklyn, N. Y.
Mullins, W. H., Salem, O.
Seelig, M. J. & Co. (Zinc), 115 Maujer, Brooklyn, N. Y
White, James, 446 Adelphia, Brooklyn, N. Y.

Sheet Metal & Strip Stock Straighteners & Cutters (Automatic)

SHUSTER, F. B. CO., NEW HAVEN, Conn. (See adv. index, end of book)

Sheet Metal Workers' Machines & Tools

(See Machinery, Sheet Metal Workers'.)

Sheet Piling (Interlocking)

WITTEKIND, H. INTERLOCKING Sheet Piling Co. (Steel or Wood), 28 E Jackson boul, Chicago, Ill. (See adv. index, end of book)

Sheets (Aluminum)

Pittsburg Reduction Co., New Kensington, Pa., & 99 John, N. Y.
Scovill Mfg. Co., Waterbury, Conn.

Sheets (German Silver)

BENEDICT & BURNHAM MFG. CO., Waterbury, Conn.; 253 B'way, N. Y.; 172 High, Boston, Mass., & 167 Lake, Chicago. (See adv. index, end of book)
Chicago Brass Co., Kenosha, Wis.
Bridgeport Brass Co., Bridgeport, Conn., 19 Murray, N. Y.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Scovill Mfg. Co., Waterbury, Conn.
Seymour Mfg. Co., Seymour, Conn.
Waterbury Brass Co., Waterbury, Conn., & 122 Centre, N. Y.

Shellac Gum

BERRY BROS., Ltd (Bleached), Main Office & Factory, Detroit, Mich.; 262 Pearl, N. Y.; 520 Atlantic av, Boston, Mass.; 26 N 4th, Phila., Pa.; 200 W Saratoga, Baltimore; 15 Lake, Chicago, Ill.; 420 Main, Cinn., O.; 112 S 4th, St. Louis, Mo., & 809 Mission, San Francisco, Cal. (See adv. index, end of book)

Shellers (Corn)

Adams, W. J. (Hand), Joliet, Ill.
Ames Plow Co., Quincy Hall, Boston, Mass.
Appleton Mfg. Co., Batavia, Ill.
BARLETT, C. O. & SNOW CO., Cleveland, O. (See adv. index, end of book)
Barnard & Leas Mfg. Co., Moline, Ill.
Batavia Windmill Co., Batavia, Ill.
Belcher & Taylor Agl. Tool Co., Chicopee Falls, Mass
Billups, Son & Co., Norfolk, Va.
Bristol & Gale Co., 110 W Wash'n, Chicago
Brown, Geo. W. & Co., Galesburg, Ill.
Buch's, A. Sons Co., Elizabethtown, Pa.
Butler Co., Butler, Ind.
Butterfield & Co., Derby Line, Vt.
Challenge Windmill & Feed Mill Co., Batavia, Ill
Deats, Hiram, Jr., Pittston, N. J.
Deere & Mansur Co. (Power), Moline, Ill.
Dickey Mfg. Co., Racine, Wis.
Donaldson Bros., Mt. Clemens, Mich.
Dunham, J. W. & Son, Berea, O.
Eagle Machine Co., Lancaster, O.
Elgin Wind, Power & Pump Co., Elgin, Ill.
Farquhar, A. B. Co., York, Pa.
Foos Mfg. Co., Springfield, O.
Freeman, S. & Sons Mfg. Co. (Hand, etc.), Racine, Wis.
Genesee Valley Mfg. Co. (Hand & Power), Mount Morris, N. Y.
Gould's Mfg. Co., Seneca Falls, N. Y.
Grier, Geo. S., Milford, Del.
Haish Mfg. Co., De Kalb, Ill.
Hench & Dromgold, York, Pa.
Hocking Valley Mfg. Co., Lancaster, O.
Howell, R. R. & Co., Minneapolis, Minn.
Huntley Mfg. Co., Silver Creek, N. Y.
Joliet Mfg. Co., Joliet, Ill.
Kansas City Hay Press Co. (Hand Cylinder & Spring Belt), Kansas City, Mo.
Keystone Farm Machine Co., York, Pa.
Keystone Mfg. Co. (Power & Hand), Sterling, Ill.
King & Hamilton Co., Ottawa, Ill.
Kingman & Co., Peoria, Ill.
Kingsland Mfg. Co., St. Louis, Mo.
Klotz Machine Co., Sandusky, O.
Lehr Agricultural Co., Fremont, O.
Litchfield Mfg. Co., Webster City, Iowa.
Logan & Strobridge Iron Co. (Hand), New Brighton, Pa.
Luthy & Co., Peoria, Ill.
McGrath, R. H. (for Warehouse), Lafayette, Ind.
McSherry Mfg. Co., Middletown, O.
Mann, F. W. Co. (Ball Bearing), Milford, Mass.
Marcy, R. G. Mfg. Co., Bluffton, Ind.
Marseilles Mfg. Co. (Cyclone Spring, Power & Hand), Marseilles, Ill.
Messinger Mfg. Co. (Power & Hand), Tatamy, Pa.
Minneapolis Threshing Machine Co., Minneapolis, Minn.
Mountville Mfg. Co., Mountville, Pa.
New Winona Mfg. Co. ("Crescent A. A."), Self Feed Sheller with Cob-Stacker & Elevator), Winona, Minn.
New York Agricultural Co., 81 Fulton, New York
Nordyke & Marmon Co. (Hand & Power), Indianapolis, Ind.
Noye Mfg. Co., Buffalo, N. Y.
Ohio Rake Co., Dayton, O.
Patch, A. H. ("Black Hawk," Hand), Clarksville, Tenn.
Penna. Electric Co., Marietta, Pa.
Port Huron Engine & Thresher Co. (Power Shellers), Port Huron, Mich.
Port Huron Mfg. Co., Port Huron, Mich.
Richmond City Mill Works, Richmond, Ind.
Rock River Machine Co. (Hand), Janesville, Wis.
Rogers Iron Co., Springfield, O.
Ross, E. W. Co., Springfield, O.
Rumsey & Co., Ltd. (Inc.) ("Burrells," Sheller & Separator), Seneca Falls, N. Y.
Salem Iron Works, Salem, N. C.
Sandwich Mfg. Co. (Horse & Steam Power & Centrifugal), Sandwich, Ill.
Schrieber & Couchar Mfg. Co., Dubuque, Ia.
Silberzahn Mfg. Co. (Hand), West Bend, Wis.
Smalley Mfg. Co., Manitowoc, Wis.
Southern Foundry & Machine Works, Fredericksburg, Va.
Spangler Mfg. Co., York, Pa.
Sprout, Waldron & Co. (The "Monarch") Muncy, Pa.
Standard Harrow Co., Utica, N. Y.
Star Mfg. Co., New Lexington, O.
Stevens, A. W. Co. (Power), Marietta, Wis.
Stevens Mfg. Co., Joliet, Ill.
Stover Mfg. Co., Freeport, Ill.
Streeter, Hiram R. Grand Ledge, Mich.
Tait, F. B. Mfg. Co., Decatur, Ill.
Tiffin Wagon Co., Tiffin, O.
Union Iron Works (Power), Decatur, Ill.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Pullman, Chicago, Ill., & 111 Chambers, N. Y.
White, S. R. & Bro., Norfolk, Va.
Whitehurst, R. W. Co., Norfolk, Va.
Whitman Agricultural Co., 6900 S B'way, St. Louis, Mo.
Whitman & Barnes Mfg. Co., Akron, O.; West Pullman, Chicago, Ill., & 111 Chambers, N. Y.

Shells (Brass)

Scovill Mfg. Co., Waterbury, Conn.; 423 Broome, N. Y., & 210 Lake, Chicago, Ill.

Shells (Coke Oven)

PETROLEUM IRON WORKS CO., Washington, Pa., & Farmers' Bank bldg, Pittsburg, Pa. (See adv. index, end of book)

Shells (Seamless Steel)

PRESSED STEEL TANK CO., Milwaukee, Wis. (See adv. index, end of book)

Shelving (Plain & Roller)

BERGER MFG. CO. (Metallic), Main Office & Works, Canton, O. Branches: 210 E 23d, New York; 1215 Filbert, Phila., Pa.; 176 Federal, Boston, Mass.; 623 N Main, St. Louis, Mo., & 23 Lake, Chicago, Ill. (See adv. index, end of book)

TELEPHONE AMT I. 8422.

THE
AMERICAN CHAMBER OF COMMERCE
IN BERLIN

EQUITABLE BUILDING
FRIEDRICHSTRASSE 59/60

October 18,1904.

S.E.Hendricks Co.,
76 Elm St.,
New York.

Gentlemen:-

Will you kindly give me names of American manufacturers of Hemlock,Oak and Quebrach extracts,of good working capacity and who would like to open up a trade with a first class German firm,as we fail to find such firms in your otherwise valuable Commercial Register.

Thanking you in appreciation of your courtesy and always Willing to serve you in turn,

Very truly yours,
American Chamber of Commerce in Berlin

Geo. L. Atwood
Secretary.

CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RY CO

I. SEDDON,
PURCHASING AGENT.

St.Paul,Minn.,November 13,1903.

Gentlemen:-

I have a call for repair parts for Bogue & Mills pneumatic railway crossing gate,and am unable to find this firm in your Commercial Register. If practicable,please advise me of the address of this firm or the address of their successors.

Yours truly,
I. Seddon
Purchasing Agent.

Samuel E. Hendricks Company,
76 Elm Street,
New York, N.Y.

CONSULATE OF SWEDEN AND NORWAY,
AT NEW YORK

Ltr

New York Nov 17th 1903

Samuel E. Hendricks Co
76 Elm Street

Gentlemen

Can you kindly give me the address of any makers of machinery for the manufacture of doors?

Yours very truly
Chr Lave

AMERICAN LOCOMOTIVE COMPANY
25 BROAD STREET
NEW YORK

October 24th,1903.

Messrs.S.E.Hendricks Company,
76 Elm Street,cor. Franklin,
New York.

Gentlemen:-

We acknowledge receipt of your letter of October 20th,in reference to Rotary Snow Plows,which we have referred to the Rotary Snow Plow Co.,Paterson,N.J. We confine ourselves to the manufacturing of locomotive engines.

Yours very truly,
AMERICAN LOCOMOTIVE COMPANY.

Cabot's Shingle Stains

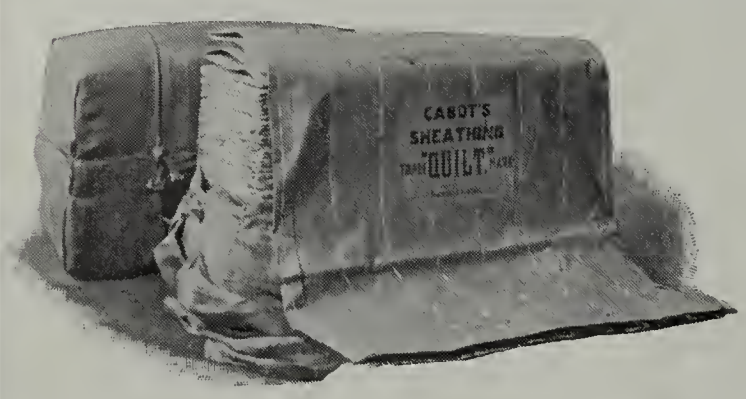
The Original and Standard, and the Only Creosote (Wood Preserving) Stains.

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The most perfect non-conductor of heat and sound. Light, uninflammable, decay and vermin-proof. An elastic cushion of dead-air cells.

Cabot's Brick Preservative

A complete and permanent waterproofing for brick work.

Conservo Wood Preservative

A cheap and efficient preservative for all exposed lumber.

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Tints rather than colors, subdued effects rather than pronounced contrasts, these are what constitute the charm of stained shingles, and make even the low cost house a thing of beauty. No house, no matter how cheap or ordinary in architecture can be regarded as common place if the shingles are stained to match the woodwork or general color tone of the building.

Shingletint is a scientific combination of linseed oil, coloring matter, creosote oils, and the necessary drying agents and produces the most artistic and durable color effects know on shingles.

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BOSTON — BALTIMORE — CINCINNATI — SAN FRANCISCO

Factory and Main Office, DETROIT.

Shingle Mill Machinery

(See Machinery, Shingle Mill.)

Shingle Stains

Adams & Elting Co. (Asbestine), 155 W. Washington, Chicago
ATLAS PAINT CO. (Ltd.) 2638 Liberty av, Pittsburg, Pa. (See adv. index, end of book)
BERRY BROS., LTD. (Singletint). Main Office & Factory, Detroit, Mich.; 262 Pearl, N. Y.; 520 Atlantic av, Boston, Mass.; 26 N 4th, Phila., Ua.; 200 W Saratoga, Baltimore, Md.; 15 Lake, Chicago; 420 Main, Cincinnati, O.; 112 S 4th, St. Louis, Mo., & 809 Mission, San Francisco, Cal. (See adv. on insert opp. this page)
Boyle Mfg. Co. (Sprittine), Lafayette, Ind.
Connors, Wm. Paint Co., Troy, N. Y.
CABOT, SAMUEL, 141 Milk, Boston, Mass., & 28 Dearborn av, Chicago, Ill. (See adv. on insert opp. this page)
Dexter Bros. Co., 103 Broad, Boston, Mass.
Grosche, Bruno (Imported), 27 William, N. Y. York
Johns, H. W.-Manville Co., 100 William, New York
Menzel, Wm. & Son, 68 Broad, New York
Sherwin-Williams Co., 104 Canal, Cleveland, O.
Vilas Bros. (Impervious), 227 5th av, Chicago, Ill.
Wilhelm, A. Co. (Fernoleum), Reading, Pa.

Shingle Stains (Creosote)

CABOT, SAMUEL, 141 Milk, Boston, Mass., & 28 Dearborn av, Chicago, Ill. adv. on insert opp. this page)

Shingles (California Redwood)

(See also Lumber Mfrs.)

Bartlett Lumber Co., 53 State, Boston, Mass.
Loveren, J. G. (Plain & Fancy), Eureka, Cal.
Minneapolis Cedar & Lumber Co. (Red and White Cedar), Lumber Ex., Minneapolis, Minn.
Star Shingle Co., Spokane, Wash.

Shingles (Cypress)

(See also Lumber Mfrs.)

CYPRESS LUMBER CO., 153 Milk, Boston, Mass., & Apalachicola, Fla. (See adv. index, end of book)
STEARNS, A. T. LUMBER CO., Neponset & 166 Devonshire, Boston, Mass. (See adv. index, end of book)

Shingles (Magnesialith Roofing)

Keasbey & Mattison Co. ("Century"), Main Office & Works, Ambler, Pa., & 84 John, New York

Shingles (Metallic)

BERGER MFG. CO., Main Office & Works, Canton, O. Branches: 23 LaLke, Chicago, Ill.; 623 N Main, St. Louis, Mo.; 210 E 23d, New York; 1215 Filbert, Phila., Pa., & 176 Federal, Boston, Mass. (See adv. index, end of book)
Burton, W. J. & Co., 164 Larned W., Detroit, Mich.
Chattanooga Roofing & Foundry Co. Chattanooga, Tenn.
Cincinnati Stamping Co. ("Regan's"), 24 W McMicker av, Cincinnati, O.
Cortright Metal Roofing Co., 50 N. 23d, Phila., Pa.
Crittenden Roofing & Mfg. Co., 1007 S 3d, Minneapolis, Minn.
Iron City Metal Ceiling Co., 2412 Penn. av, Pittsburg, Pa.
Merchant & Co., 517 Arch, Phila., Pa.; 247 Water, New York, 584 Flushing av, B'klyn, N. Y., & 14 Michigan, Chicago, Ill.
Miller & Doing, 83 Wash'n Brooklyn, N. Y.
MILWAUKEE CORRUGATING CO. ("Monhausen"), Milwaukee, Wis. (See adv. index, end of book)
Montross Metal Shingle Co., Camden, N. J.
Mullins, W. H., Salem, O.
Nat. Sheet Metal Roofing Co., 339 Grand, Jersey City, N. J.
Penn Metal Ceiling & Roofing Co. (the Sagendorph), 23d & Hamilton, Phila., Pa.
Ringle, Jacob & Son (the Hamsley), 85 Newark av, Jersey City, N. J.
Thorn Shingle & Ornament Co., 1227 Callowhill, Phila., Pa.
WHEELING CORRUGATING CO. (Tin or Galvanized), Wheeling, W. Va.; 47 Cliff, New York; 47 Lake, Chicago, Ill.; 112 S 8th, St. Louis, Mo.; 402 Race, Phila., Pa.; 132 Pearl, Boston, Mass., & King st, Chattanooga, Tenn. (See adv. index, end of book)
Willis Mfg. Co., Galesburg, Ill.

Shingles (Red Cedar)

(See Lumber Mfrs., California, Washington & Oregon.)

Ship Builders

(Seee also Dry Docks & Marine Railways.)

*Indicates those who build Iron & Steel; §those who build Wooden; †those who build Iron, Steel & Wooden.

§Adams W. I. East Boothbay, Me., Upper Nyack, N. Y.
Albion Iron Works, Victoria, B. C.
American Car & Foundry Co., Wilmington, Del.
*American Ship Building Co., Cleveland, O.
*Atlantic Works (Steam Yachts), 70 Border. E. B., Boston, Mass.
Baker, F. A., Patchogue, N. Y.
*Baltimore Ship Building & Dry Dock Co. Baltimore, Md.
*Bath Iron Works, Bath, Me.
Beacham, J. S. & Bro., ft. Warren av, Baltimore, Md.
Bell, David, Engineering Works (Steel Tugs & Yachts), Buffalo, N. Y.
§Bendixen, H. D. Ship Building Co., Eureka. Cal.
*Bertram Engine Works Co., Toronto, Ont.
Bixler & Co., 500 Hughes av, Baltimore, Md
Boole, W. A. & Son (Inc.), San Francisco, Cal. Works, Oakland, Cal.
Booz Bros., ft. E. Montgomery, Baltimore, Md.
§Bowker, P. S. & Son, Phillipsburg, Pa.
§Brooks, John M., 139 Coleridge, Boston, Mass.
Brusstar, Walter, 220 S. Eden, Baltimore, Md.
*Buffalo Dry Dock Co., Buffalo, N. Y.
†Burger, H. B., Jr., Manitowoc, Wis.
*Burlee Dry Dock Co., Port Richmond, Borough of Richmond, New York City
Carleton, Norwood & Co., Rockport, Me.
§Carll, J., Sr., Northport, N. Y.
*Chicago Ship Building Co., The Rookery & 101st & Calumet River, Chicago, Ill.
§Collona, C. J., Berkley, Va.
*Colon, P. L., ft. Philip, Jersey City, N. J.
*Columbian Iron Works & Dry Dock Co., Ft. Martin, L. P., Baltimore, Md.
§Craig Ship Building Co., Toledo, O.
*Cramp, Wm. & Sons, Ship & Engine Building Co., Beach c Ball, Phila., Pa.
§Crawford & Reid, Tacoma, Wash.
†Daimler Mfg. Co. (Yachts, etc.), 939 Steinway av, Long Island City, N. Y.
†Davidson, James, West Bay City, Mich.
Davidson, W. H., New London, Conn.
*Delaware River Iron Ship Building & Engine Works, Chester, Pa.
§Deering, G. G., Bath, Me.
*Detroit Ship Building Co., Detroit, Mich.
Donnelly, Wm. T., Bath, Me.
†Dialogue, J. H. & Son, Camden, N. J.
*§Easton Ship Building Co., New London, Conn.
§Ellis J. S. & Son, Tottenville, S. I., N. Y.
Ely Elmer A., Middletown, Conn.
§Englis, Jno. & Sons, 34 Greenpoint av, Brooklyn, N. Y.
§Everett Ship Bldg. Co., Everett, Wash.
*Fletcher, W & A. Co., Hoboken, N. J.
*Fore River Ship Building Co., Quincy, Mass.
Fulton Engineering & Ship Building Works, Harbor View, San Francisco, Cal.
*Gas Engine & Power Co. & Chas. L. Seabury & Co., 11 B'way, N. Y., & Morris Heights, New York
Globe Construction Co., Seattle, Wash.
§Goble, Geo., Oswego, N. Y.
§Hall Bros., Port Blakeley, Wash'n.
*Hamilton Bridge Co., Ltd., Hamilton, Ontario, Canada
*Harlan & Hollingsworth Co. (Steamships, Steamboats, Tugboats ,Ferryboats, Car Floats, Barges, etc.), Wilmingt'on, Del.
§Hawley, Jas. W., Bath, Me.
§Hay & Wright (Inc.), Alameda, Cal.
§Heckman & Hanson, Ballard, Wash'n
†Herreshoff Mfg. Co. (also Yachts, etc.), Bristol, R. I.
§Hinds, Wm. & Son, Calais, Me.
Hitchings & Joyce, Hoquiam, Wash'n
Howard Ship Yards Co., Jeffersonville, Ind.
Howard & Co. (Steamboats), Madison, Ind.
Isham Co., Norwich, Conn.
§Jackson & Patterson, ft. 24th, Brooklyn, N. Y.
*Jenks Ship Building Co., Port Huron, Mich.
§Jones, Lewis C., Berkley, Va.
§Johnson, J. H. Ship Building Co., Portland, Ore.
§Kelley-Spear Co., Bath, Me.
King & Winge, Seattle, Wash.
§Lawley, Geo. & Son Corp., E. 1st, head O. S. B., Boston
†Lockwood Mfg. Co., 61 Sumner, E. B., Boston, Mass.
§McEntee, Jno., Kingston, N. Y.
§McKie, Wm., 100 Border, Boston, Mass.
McWinney, Wm. H.. Aberdeen, Wash.
*Manitowoc Dry Dock Co., Manitowoc, Wis.
*Marine Construction & Dry Dock Co. (Ships, Yachts, Launches, Life Boats), Mariners' Harbor, S. I., N. Y.
Marine Railway Machine & Boiler Works (Tugboats, etc.), Baltimore, Md.
†Marvel, T. S. & Co., Newburg, N. Y.
†Maryland Steel Co., Sparrows, Point, Md.
Mathews & Co. (Power Boats), Bascom, O.
§Merrill-Stevens Co., Jacksonville, Fla.
†Michigan Yacht & Power Co., 1524 Jeff'n av, Detroit, Mich.
Mills, Jno. L., Camden, N. J.
Milwaukee Dry Dock Co., Milwaukee, Wis.
§Moore, Enoch (Steam Lighters, Scows & Car Floats), Wilmington, Del.
§Moore, G. W. & F. T., Marine City, Mich.
†Moore, Saml. L. & Son's Co., Elizabeth, N. J.
†Moran Bros. Co., Seattle, Wash.
§Muncy, Thos. L. (Yachts Only), Bay Shore, N. Y.
Murphy & Miller, Whiskey Island, Cleveland, O.
*Neafie & Levy Ship & Engine Building Co., 1336 Beach, Phila., Pa.
§New England Co., Bath, Me.
*New York Ship Building Co., Camden, N. J.
*Newport News Dry Dock & Ship Building Co., Newport News, Va.
§Palmer, R. & Son Shipbuilding & Marine Railway Co., Noank, Conn.
Percy & Small, Bath, Me.
§Perth Amboy Dry Dock Co., Perth Amboy, N. J.
*Perth Amboy Ship Building & Engineering Co., Perth Amboy, N. J.
§Petersburg Iron Works Co. (Barges, Tugboats, etc.), Petersburg, Va.
Portland Ship Building Co., Portland, Me.
*Pusey & Jones Co. (Yachts, Sailing & Steam Vessels), Wilmington, Del.
§Reibolt Wolter & Co., Saurgeon Bay, Wis.
Richardson & Davis, Cambridge, Md.
*Risdon Iron & Locomotive Works, Steuart & Folsom, San Francisco, Cal.
§Sawyers Bros., Milbridge, Me.
Seattle Dry Dock & Shipbuilding Co., Seattle, Wash.
§Sewall, Arthur & Co., Bath, Me.
§Smith, Abram & Son, Algonac, Mich.
§Snow. I. L. & Co., Rockland, Me.
*Spedden Ship Building Co., Baltimore, Md.
§Story, A. D., Essex, Mass.
*Superior Ship Building Co., West Superior, Wis.
§Supple, Jos., Portland, Oreg.
§Swenson, Peter, Tiburon, Cal.
Tacoma Shipbuilding Co., Tacoma, Wash.
§Tarr & James, Essex, Mass.
§Thamas Towboat Co., New London, Conn.
Thropp, Jno. E. Sons Co. (Small Passenger Steamers, Tugs & Yachts Complete), ft of Lewis, Trenton, N. J.
Townsend & Downey Ship Building & Repair Co., 12 B'way, New York & Works Borough of Richmond, N. Y.

*United Engineering Works, San Francisco, Cal.
†Union Iron Works, 222 Market, San Francisco, Cal.
United States Shipbuilding Co., Baltimore, Md.
Warrington Iron Works (Steam Yachts, etc.), ft. W. Wellington, Chicago, Ill.
§Washburn Bros., Thomaston, Me.
Waterhouse, Frank & Co. (Inc.), Seattle, Wash.
Welt, Geo. L., Waldoboro, Me.
West Bay City Ship Building Co., West Bay City, Mich.
White, Robt. Engineering Works (Tugboats, Lighters, etc.), ft of Columbia, Brooklyn, N. Y.
†Woodall, Wm. E. & Co., ft Allen, Baltimore, Md.

Shoes (Horse & Mule)

American Horse Shoe Co. (Horse & Mule), Phillipsburg, N. J.
Bryden Horse Shoe Co. (Horse & Mule), Catasauqua, Pa.
Burden Iron Co. (Horse), Troy, N. Y.
Chicago Steel Mfg. Co., Hammond, Ind.
Diamond State Steel Co. (Horse, Mule, Cowboy, etc.), Wilmington, Del.
Dryden Horse Shoe Co. (Horse & Mule), Catasauqua, Pa.
Eagle Horse Shoe Co., South Milwaukeee, Wis.
Meyer, Otto A. Co. (Steel Calk Horse Shoe), Milwaukee, Wis.
Neverslip Mfg. Co. (Horse), New Brunswick, N. J.
Old Dominion Iron & Nail Works Co. (Horse & Mule), Richmond, Va.
Phoenix Horse Shoe Co. (Horse & Mule), Chicago, Ill.; Poughkeepsie, N. Y., & Joliet, Ill.
Rhode Island Perkins Horse Shoe Co. (Horse & Mule), Providence, R. I.
Standard Horse Shoe Co., Boston, Mass., & South Wareham, Mass.
Tredegar Co., Richmond, Va.
Virginia Iron, Coal & Coke Co., Bristol, Va.

Shoes (Ox)

Atwater Mfg. Co., Plantsville, Conn.
Millers Falls Co., 28 Warren, N. Y., & Millers Falls, Mass.
Scranton Forging Co., Scranton, Pa.
Woodruff, W. W. & Sons Co., Mt. Carmel, Conn.

*Shoes (Plank)

Pollard, Jos. G. (Steel), 141 Raymond, Brooklyn, N. Y.

Shoes (Rubber Horse)

Goodrich Tire & Rubber Co., Akron, O.
Revere Rubber Co. (Air Cushion Pads), 77 Bedford, Boston, Mass.; 59 Reade, New York; Phila., Pa.; Chicago, Ill., & San Francisco, Cal.
Whitman & Barnes Mfg. Co., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York

Shoes & Dies (Stamp Mill)

Allis-Chambers Co., New York Life bldg, Chicago, Ill., & 71 B'way, New York
AMERICAN BRAKE SHOE & FOUNDRY Co. (Cast Steel), Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)
American Steel Foundries, Main Office, 74 B'way, New York; Fisher bldg ,Chicago, Ill.; St. Louis, Mo., & Frick bldg, Pittsburg, Pa.
Chester Steel Casting Co., 407 Sansom, Phila., Pa., & Chester, Pa.
Chrome Steel Works (Adamantine), Chrome, N. J.
Colorado Iron Works Co., 33d & Wynkoop, Denver, Col.
Davis, F. & M. Iron Works Co., 8th & Larimer, Denver, Col.
Hendy, Joshua Machine Works (the Wilson), San Francisco, Cal.
KOPPEL, ARTHUR, 68 Broad, N. Y. (See adv. index, end of book)
National Steel Castings Co., Montpelier, Ind.
Portage Lake Foundry & Machine Co., Hancock, Mich.
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
Risdon Iron & Locomotive Works, Stewart & Folsom, San Francisco, Cal.
Western Forge Co., 520 Olive, St. Louis, Mo.
Wilson & Smith, 40 Vine, Worcester, Mass.

Shooks (Tub, Bucket, etc.)

Cypress Tank & Mfg. Co. (also for Washing Machines & Ice Cream Freezers), Patterson, La.

Shooting Galleries (Mechanical)

Parker, C. W., Abilene, Kan.

Shot Mfrs.

Bailey, Farrel Mfg. Co., Pittsburg, Pa.
Colwell Lead Co., 63 Centre, N. Y.
Leroy Shot & Lead Works, 261 Water, N. Y.
Markle Lead Works, Rialto bldg, St. Louis, Mo.
Raymond Lead Co., 55 W Lake, Chicago, Ill.
Robertson, Jas. Mfg. Co., 30 Hanover, Baltimore, Md.
Selby Smelting & Lead Co. (Drop, Chilled, etc.), San Francisco, Cal.
Shepard, Sidney & Co., Buffalo, N. Y.
Sparks, Thos. W., 121 Walnut, Phila., Pa.
Sportsman's Shot Works, c Court & Harriet, Cincinnati, O.
Tatham & Bro., 82 Beekman, N. Y., & 235 S 5th, Phila., Pa.
United Lead Co., 71 B'way, New York
Wythe Lead & Zinc Mine Co., Austinville, Va.

Shot (Steel Chilled)

Harrison Supply Co., 32 India Wharf, Boston, Mass.

Shovel, Spade & Scoop Mfrs.

American Shovel & Stamping Co. (Hand Shovels), Lorain, O.
Ames, Oliver & Sons Corp., Ames bldg, Boston, Mass. Works, North Easton, Mass.
Avery Stamping Co. (Steel), Cleveland, O.
Beall Shovel Co., Alton, Ill.
Cambria Foundry & Machine Co., Johnstown, Pa.
Channon, H. Co. ("Winfield," Contractors Shovels), Market & Randolph, Chicago, Ill.
Chisholm, Wm. & Sons, 358 Case av, Cleveland, Ohio
Collins Co., Collinsville. Conn.
Continental Tool Co. (Garden Spades Only), Frankfort, N. Y.
CONTRACTORS' TOOL CO., 704 Arch, Phila., Pa. (See adv. index, end of book)
Danville-Bessmer Co., Danville, Pa.
Griffiths, Geo. Co., 515 Locust, Phila., Pa.
Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Hussey-Binns Shovel Co. (Crucible Cast Steel), 541 Wood, Pittsburg, Pa. Works, Charleroi, Pa.
Indiana Rolling Mill Co., New Castle, Ind.
Iwan Bros. (Spades, Ditching & Drain), Streator, Ill.
Jackson Shovel & Tool Co., Montpelier, Ind. & Market & Randolph, Chicago, Ill.
Laughlin Nail Co., Wheeling, W. Va., & Martins Ferry, O.
Louisville Shovel Co., Louisville, Ky.
Maynard, C. A., Northampton, Mass.
Mt. Pleasant Tool Co., Mt. Pleasant, Pa.
Myers, H. M. Co., Beever Falls, Pa.
New Castle Shovel Co., New Castle, Pa.
Penn Shovel Co., Warren, Pa.
Pfeifer, Jno. Co. (Ltd.), 222 Race, Phila., Pa.
Pittsburg Shovel Co., Frick bldg., Pittsburg, Pa., Works, Leechburg, Pa.
Rouberg & Co., Ashtabula, O.
Ross, A. M. & Co., Ilion, N. Y.
Rowland, Maxwell & Co. (Inc.), 432 Market, Philadelphia, Pa.
Rowland's, T. Sons, Cheltenham, Pa.
St. Louis Shovel Co., 4038 Duncan av, St. Louis, Mo.
Sbeble & Klemm, Frankford, Philadelphia, Pa.
Star Shovel & Range Co., Vincennes, Ind.
Toledo Stamping Co., Toledo, O.
Troy Stamping Works, Troy, N. Y.
Union Furnace Mfg. Co., Morrell, Pa.
Whitaker-Glessner Co., Wheeling, W. Va.
Wood Shovel & Tool Co., Piqua, O.
Wyoming Shovel Works, Wyoming, Pa.

Shoveling Boards

Butler Co., Butler, Ind.
Swanson, T. Mfg. Co., Shenandoah, Ia.

Shovels (Asphalt & Tar)

CONTRACTORS' TOOL CO., 704 Arch, Phila., Pa. (See adv. index, end of book)

Shovels (Automatic Steam)

Hunt, C. W. Co., West New Brighton, New York City, & 45 B'way, New York
RAWSON & MORRISON MFG. CO., Cambridgeport, Mass., & 11 B'way, New York. (See adv. index, end of book)
Thew Automatic Shovel Co., Lorain, O.

Shovels (Coal)

Chisholm, Wm. & Sons, 358 Case av, Cleveland, Ohio
Collins Co., Collinsville, Conn.
Hardsocg, Martin Mfg. Co. (Ltd.), Allegheny, Pa.
Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Hussey-Binns Shovel Co. (Crucible Cast Steel), 541 Wood, Pittsburg, Pa. Works, Charleroi, Pa.
Meyers, H. M. Co., Beaver Falls, Pa.
Pittsburg Shovel Co., Frick bldg., Pittsburg, Pa., Works, Leechburg, Pa.
Union Furnace Mfg. Co., Morrell, Pa.

Shovels (Cultivator)

Akron Machine Co., Akron, O.
Albright, Jas. H. & Sons, Mifflinburg, Pa.
Allen, S. L. & Co., 1017 Market, Phila., Pa.
Avery, B. F. & Sons. Louisville, Ky.
Cambria Steel Co. (Gautier Dept.), Johnstown, Pa., & Arcade bldg, Philadelphia, Pa.
Fuller & Johnson Mfg. Co., Madison, Wis.
Gale Mfg. Co., Albion, Mich.
Harrow Spring Co., Kalamazoo, Mich.
Havana Metal Wheel Co. ("Crescent") Havana, Ill.
Hench & Dromgold Co., York, Pa.
Mason, F. & C. Co., St. John's, Mich.
Moline Plow Co., Moline, Ill.
Morrison Mfg. Co., Ft. Madison, Ia.
Ohio Cultivator Co., Bellevue, O.
Parlin & Orendorff Co., Canton, Ill.
Weyburn Co. ("Rockford Ideal"), Rockford, Ill.
White, S. R. & Bro., Norfolk, Va.
Whitman & Barnes Mfg. Co., Akron, O.; West Pullman, Chicago, Ill., & 111 Chambers, N. Y.

Shovels (Drain)

Harriman Hoe & Tool Co. ("Decatur"), Harriman, Tenn.

Shovels (Fire)

Dayton Malleable Iron Co. (Malleable Iron), Dayton, O.
Geuber & Paeschke (Fire Shovels), Milwaukee, Wis.
Ireland & Matthews Mfg. Co., Detroit, Mich.
Iron Clad Mfg. Co., 3 Cliff, New York
Union Furnace Mfg. Co., Morrell, Pa.

When writing to firms whose names appear in this book please mention Hendricks' Directory.

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Steel Rolling Doors and Shutters

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CROSS IMPROVED MEEKER ELEVATOR DOOR

For FREIGHT ELEVATORS, AND ENCLOSED HATCHES.

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ROLLING STEEL SHUTTER WORKS,

LATE CLARK BUNNETT & CO. I. D. THOMAS, Manager

The Only Original Clark Shutter Manufacturers on this Continent.

Our dies are specially made to the orginal form as first invented. No rolled sheets accepted as a gift. Thoroughly understand the intricate system of the adjustment of the springs, therefore would warn our clients against all unscrupulous persons offering for sale spurious imitations—in allowing them to tamper with the springs in their repairs and bungling corrugations.

162-164 WEST 27th STREET, NEW YORK.

FEDERAL MANUFACTURING COMPANY
CLEVELAND BALL FACTORY
CLEVELAND, OHIO

Dec.16 - 03.

S.E.Hendricks Co.,
76 Elm St.,
New York City.

Gentlemen:-

We are in receipt of your letter of the 12th inst. stating that you have a customer who is in the market for 3/16" Steel Balls.

We beg to say that we are in position to supply the same,and at present time we are putting upon the market a special grade which is adapted for use in sewing machines.

We would be very pleased to quote your customer if you so desire,and thanking you for the inquiry,we are,

Yours very truly,
FEDERAL MANUFACTURING COMPANY
CLEVELAND BALL FACTORY
A.R. Davis
Sales Manager.

ARD MMH

Shovels (Hand Dump)

FAIRBANKS' MORSE & CO. (For quickly moving Coal or Grain), Franklin & Monroe, Chicago, Ill.; Warehouses: 307 Walnut, Cincinnati; 99 Water, Cleveland: 89 Jefferson ,Detroit; 519 Main, Louisville; 140 S Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Ore.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)

Shovels (Mining Machine)

Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Hussey-Binns Shovel Co., Ltd. (Crucible Cast Steel), 541 Wood, Pittsburg, Pa. Works, Charleroi, Pa.
Union Furnace Mfg. Co., Morrell, Pa.

Shovels (Snow)

Atlas Mfg. Co., Danville, Pa.
Avery Stamping Co. (Steel), Cleveland, O.
Benton Mfg. Co., Charlotte, Mich.
Hussey-Binns Shovel Co., Ltd. (Crucible Cast Steel), 541 Wood, Pittsburg, Pa. Works, Charleroi, Pa.
Kohler, F. E. & Co., Canton, O.
Merrill-Stevens Mfg. Co. (Steel), Kalamazoo, Mich.
Mt. Pleasant Tool Co., Mt. Pleasant, Pa.
Owosso Mfg. Co. (Wood), Owosso, Mich.
Phillips, A. J. Co. (Wood), Fenton, Mich.
Rugg Mfg. Co. (Wood, "Star Rugg"), Greenfield, Mass.

Shovels (Steam)

(See also Buckets, Clam Shell, etc.)

American Locomotive Co. (Atlantic), 25 Broad, New York
Apex Equipment Co. (Mfrs.' Agents) (All Kinds), 11 B'way, New York
Austin, Mfg. Co., Harvey, Ill., & Manhattan bldg. Chicago
Beatty, M. & Sons, Welland, Ontario, Canada
Bucyrus Co., South Milwaukee, Wis.
Carlin, W. J. Company, 25th & A. V. R. R., Pittsburg, Pa.
East St. Louis Locomotive & Machine Shop Co. (Rebuilt), East St. Louis, Ill.
Fairbank's Steam Shovel Co., Marion, O.
Hunt, C. W. Co., 45 B'way, New York, & W New Brighton, Staten Island, N. Y. City
Kilgore Machine Co. (Railway Traction & Mining), Minneapolis, Minn.
Kingsford Foundry & Machine Works, Oswego, N. Y.
KOPPEL, ARTHUR, 68 Broad, New York. (See adv. index, end of book)
Marion Steam Shovel Co., Marion, O.
Mead-Morrison Mfg. Co., 11 B'way, New York, Boston, Mass., & Chicago, Ill.
Ohio Steam Shovel Co., Toledo, O.
Osgood Dredge Co., Albany, N. Y.
SHAW, WILLIS, 171 LaSalle, Chi-cago. (See adv. index, end of book)
Souther, Jno. & Co., 185 Summer, Boston, Mass.
Thew Automatic Shovel Co., Lorain, O.
Toledo Foundry & Machine Co., 202-218 Cherry, Toledo, O.
Vulcan Iron Works Co., Toledo, O.

Shovels (Steam, Second-Hand)

Contractors' Equipment Co., Betz bldg, Phila., Pa.
Law Railing Equipment Co., Western Union bldg., Chicago, Ill.
Low, Edgar S. Co., Empire bldg, Pittsburg, Pa.
Males Co., Traction bldg, Cincinnati, O., & 256 B'way, New York
Mitshkun, M. Co., Chamber of Commerce, Detroit, Mich.
Patton, J. R. & Co., House bldg., Pittsburg, Pa.
SHAW, WILLIS, N. Y. Life bldg. Chi-cago. (See adv. index, end of book)
Zelnicker, Walter A. Supply Co., 408 N 4th, St. Louis, Mo.; Mobile, Ala., & New Orleans, La.

Shovels (Telegraph)

Hussey-Binns Shovel Co., Ltd. (Crucible Cast Steel, Handles 7 to 8 ft.), 541 Wood, Pittsburg, Pa. Works, Charleroi, Pa.
Union Furnace Mfg. Co., Morrell, Pa.

Show Cases (Patent)

COULSON, J. W. & CO., Columbus, O. (See adv. index, end of book)
Crane Glass & Mfg. Co. (All Glass), Cleveland, O., & 341 Hudson, New York

Shrinkers (Tire)

Boynton & Plummer, Worcester, Mass.
Champion Blower & Forge Co., Lancaster, Pa.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Sandage Steel Skein Co., South Bend, Ind.
Sovereign G. E. (Mole) Rockford, Ill.
Weyburn Co. ("Rockford Ideal"), Rockford, Ill.

Shutter Bars

(See Bars, Shutter.)

Shutter Workers

Brockton Shutter Worker Co., Stoughton, Mass.
Mallory Mfg. Co., Flemington, N. J.
Pitney Shutter Worker Co., Quincy, Ill.
Sargent & Co., New Haven, Conn., & 149 Leonard, New York
Zimmerman, G. F. S. & Co., Frederick, Md.

Shutters (Automatic, Fire)

Lane Bros. Co., Poughkeepsie, N. Y.

Shutters (Fire-Proof)

(See Doors & Shutters, Fire-Proof.)

Shutters (Steel)

American Steel Roofing Co., Middletown, O.
AMOS, CHAS., & CO., Detroit, Mich. (See adv. index, end of book)
Barnum, E. T. Wire & Iron Works, Detroit, Mich.
BERGER MFG. CO., Main Office & Works, Canton, O. Branches: 210 E 23d, N. Y.; 23 Lake, Chicago; 623 N Main, St. Louis, Mo.; 1215 Filbert, Phila., Pa., & 176 Federal, Boston, Mass. (See adv. index, end of book)
Cambridge Roofing Co., Cambridge, O.
Canton Steel Roofing Co., Canton, O.
Dickelman Mfg. Co., Forest, O.
Eller, J. H. & Co., Canton, O.
Gara, McGinley & Co., 23 S 17th, Phila., Pa
Indianapolis Steel Roofing & Corrugating Co., Indianapolis, Ind.
KINNEAR MFG. CO., Columbus, O.; 85 Water, Boston, Mass.; 1001 Chestnut, Phila., Pa., & 112 Clark, Chicago, Ill. (See adv. opp. preceding page)
MERRITT & CO., 1024 Ridge av, Philadelphia, Pa. (See adv. index, end of book)
Mesker, Geo. L. & Co. (also Doors), Evansville, Ind.
Mesker & Bro., 421 S 6th, St. Louis, Mo.
MILWAUKEE CORRUGATING CO., Milwaukee, Wis. (See adv. index, end of book)
Moseley Iron Bridge & Roof Co., 39 Cortlandt, N. Y.
Penn Metal Ceiling & Roofing Co. (Ltd.), 23d & Hamilton, Philadelphia, Pa.
Perkins Mfg. Co., 1121 E 7th, St. Paul, Minn.
ROLLING STEEL SHUTTER WORKS (I. D. Thomas, Manager), 162 W 27th, N. Y. (See adv. opp. this page)
Schreiber, L. & Sons, 8th & Eggleston av, Cincinnati, O.
Siddons, John Co., Rochester, N. Y.
SMITH, F. P. WIRE & IRON CO., 100 Lake, Chicago, Ill. (See adv. index, end of book)
Steel Roofing & Stamping Works, Des Moines, Ia.
VARIETY MFG. CO. (Iron & Tin Clad Window), 77 W Lake, Chicago, Ill. (See adv. opp. this page)
VULCAN CO., Detroit, Mich. (See adv. index, end of book)
Youngstown Iron & Steel Roofing Co., Youngstown, O.

Shutters (Steel Rolling)

Columbus Steel Rolling Shutter Co., Columbus, O.
Cornell, J. B. & J. M. Co., 26th & 11th av, N. Y.
Dodge, H. B. & Co., 108 La Salle, Chicago, Ill.
KINNEAR MFG. CO., Columbus, O.; 85 Water, Boston, Mass.; 1001 Chestnut, Phila., Pa., & 112 Clark, Chicago, Ill. (See adv. opp. preceding page)
LAWES, GEO H. & CO. (Mfrs,. Agents), Gilfillan bldg. (See adv. index, end of book)
ROLLING STEEL SHUTTER WORKS (I. D. Thomas, Manager), 162 W 27th, New York. (See adv. opp. this page)
VARIETY MFG. CO., 77 W Lake, Chicago, Ill. (See adv. index, end of book)
WILSON, JAS. G. MFG. CO. (Sala-mander), 3 W 29th, New York. (See adv. opp. preceding page)

Shutters (Wood Rolling)

DODGE, H. B. & CO., 108 La Salle; Chicago, Ill.
Pierce, W. E. & Co., Milford, N. H.
WILSON, JAS. G. MFG. CO., 3 W 29th, New York. (See adv. opp. preceding page)

Sickle & Mower Knife Grinders

Ajax Mfg. Co. ("Vulcan Moore"), Allegheny, Pa.
American Seeding Machine Co. ("Champion"), Main Office, Springfield, O. Works: Louisville, Ky.; Macedon, N. Y., & Richmond, Ind.
Boyer-Radford Mfg. Co. (Mower Knife), Dayton, O.
Chicago Wheel & Mfg. Co. (Gem & Jewell), Chicago, Ill.
Clizbe Bros. Mfg. Co. (Star Sickle), Plymouth, Ind.
Comstock, Geo. S. (The "Lightning"), Mechanicsburg, Pa.
Empire Implement Mfg. Co. (Climax), Albany, N. Y.
Herschel, R. Mfg. Co., Peoria, Ill.
International Harvester Co., 9 Monroe, Chicago, Ill.
King Mfg. Co. (King), Piqua, O.
Luther Bros. Co., "Luther" Sickle (Sickle Grinders), North Milwaukee, Wis.
Luther, C. J. Co., "American" & "Bolen" Sickle, Sickle Grinders, Port Washington, Wis.
Mason, F. C. & Co., St. Johns, Mich.
Miessner Bros. & Co. (World's), Huntington, Ind.
Novelty Mfg. Co., Rock Island, Ill.
Racine Malleable & Wrought Iron Co. (Ross & Racine), Racine, Wis.
Schofield & Co., Freeport, Ill.
Webster & Perks Tool Co., Springfield, O.
Western Implement Co. (Sickle Grinders), Port Washington, Wis.
Whitman & Barnes Mfg. Co. (Diamond), West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, N. Y.

Sickles (Mower & Reaper)

Henry & Allen, Auburn, N. Y.
Herschel, R. Mfg. Co., Peoria, Ill.
Whitman & Barnes Mfg. Co., Akron, O.; West Pullman, Chicago, Ill., & 111 Chambers, N. Y.

Sidewalk Lights

(See Vault & Sidewalk Lights, Plain & Prismatic.)

Sidewalk Lights (Prismatic)

(See Glass, Prismatic.)

Sieves (Flour)

Day, J. H. Co., Cincinnati, O.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.
Lalance & Grosjean Mfg. Co., 19 Cliff, N. Y.
Meyers, Fred. J. Mfg. Co., Hamilton, O.
National Mfg. Co., Worcester, Mass.
Sprout, Waldron & Co., Muncy, Pa.
Wickwire Bros. (also Coal), Cortland, N. Y.

Sifters (Sand)

(See Sand Sifters.)

Signal Car Lights

Brill, J. G. Co., 62d & Woodland av, Phila., Pa.
Smith, Charles G., 352 Pearl, New York
Star Headlight Co., Rochester, N. Y.

Signals

Under this heading see Sub-Classifications:

Signals (Block System)

Allentown Rolling Mills, Allentown, Pa.
General Railway Signal Co., 1738 Elmwood av, Buffalo, N. Y.; Monadnock blk, Chicago, Ill., & Broad Exchange bldg, New York
Kinsman Block System Co., 91 Liberty, New York
Medric Co. (Automatic Block Crossing Alarms), Cleveland, O.
Parish Bros. (for Electric R. Rs.), Jackson, Mich.
Union Switch & Signal Co., Swissvale, Pa.; 143 Liberty, New York, & Monadnock blk, Chicago
Storm Railway Signal Co. (Automatic), Waterloo, Iowa

Signals (Electric Mine)

Flint-Lomax Electric & Mfg. Co., 1400 Delgany, Denver, Col.

Signals (Electric Railway)

General Railway Signal Co., 1738 Elmwood av, Buffalo, N. Y.; Monadnock blk, Chicago, Ill., & Broad Exchange bldg, New York
Hall Signal Co., 25 Broad, New York, & Monadnock blk, Chicago
Jordan Bros., 74 Beekman, New York
Parish Bros., Jackson, Mich.
Storm Railway Signal Co. (Automatic Block System), Waterloo, Iowa
UNION SWITCH & SIGNAL CO., THE (Interlocking), Swissvale, Pa.; 143 Liberty, New York, & Monadnock blk, Chicago
United States Electric Signal Co. (Automatic), West Newton, Mass.
United Switch & Signal Co., East Pittsburg, Pa.
Weir Frog Co., Beech & Highland av, Cincinnati, O.
WESTINGHOUSE ELECTIC & MFG. Co., Pittsburg, Pa. (See adv. index, end of book)
Williamson & Co., 126 Fremont, Allegheny, Pa.
Wilson Railway Gate Co., Birmingham, Mich.

Signals (Electro Gas)

UNION SWITCH & SIGNAL CO., THE ("Coleman"), Swissvale, Pa.; 143 Liberty, New York, & Monadnock blk, Chicago, Ill.

Signals (Interlocking System)

Allentown Rolling Mills Allentown, Pa.
General Railway Signal Co., 1738 Elmwood av, Buffalo, N. Y.; Monadnock blk, Chicago, Ill., & Broad Exchange bldg, New York
Medric Co. (Interlocking Manuel Electric), Cleveland, O.
Rowell-Potter Safety Stop Co. (Automatic), Rookery bldg, Chicago, Ill.
UNION SWITCH & SIGNAL CO., THE, Swissvale, Pa.; 143 Liberty, New York, & Monadnock blk, Chicago

Signals (Pneumatic)

BUDA FOUNDRY & MFG. CO., Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
General Railway Signal Co., 1738 Elmwood av, Buffalo, N. Y.; Monadnock blk, Chicago, Ill., & Broad Exchange bldg, New York
UNION SWITCH & SIGNAL CO., THE ("Westinghouse" Electro Interlocking), Swissvale, Pa.; 143 Liberty, New York, & Monadnock blk, Chicago

Signals (Railway Crossing)

(See also Gates, Railway Crossing.)
(Also Railway Supplies.)
(Also Frogs, Switches, Crossings & Signals.)

Acme Railway Signal & Mfg. Co., Peoria, Ill.
Allentown Rolling Mills, Allentown, Pa.
Baltimore Enamel & Novelty Co. (Enameled Steel), c Allen & Clement, Baltimore, Md.
BUDA FOUNDRY & MFG. CO., Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
Eclipse Switch & Signal Co., Elmira, N. Y.
General Railway Signal Co., 1738 Elmwood av, Buffalo, N. Y.; Monadnock blk, Chicago, Ill., & Broad Exchange bldg, New York
Hall Signal Co., 25 Broad, New York, & Monadnock blk, Chicago
Handlan-Buck Mfg. Co. ("Newton's"), 212 N 3d, St. Louis, Mo.
Harris Mfg. Co., Greenville, S. C.
Miller Signal Co., Monadnock blk, Chicago, Ill.
Parish Bros., Jackson, Mich.
Penna. Steel Co., Steelton, Pa.; Girard bldg, Philadelphia, Pa.; 70 Kilby, Boston, Mass., & 71 Broadway, New York
Ramapo Iron Works, Hillburn, N. Y.. & 26 Cortlandt, New York
Safety Train Order Signal Co., 66 B'way, N. Y.
Standard Railway Gate Co. (Electric Magnetic) Saginaw, Mich.
Taite Railway Signal Co., Coatesville, Pa.
Three Rivers Railway Supply Co., Three Rivers, Mich.
UNION SWITCH & SIGNAL CO., THE, Swissvale, Pa.; 143 Liberty, New York, & Monadnock blk, Chicago
Western Railway Signal Co., Fostoria, O.
Wilson Railway Gate Co. (Electrical & Mechanical), Birmingham, Mich.

Signals (Switch)

Allentown Rolling Mills, Allentown, Pa.
Barney & Smith Car Co., Dayton, O.
BUDA FOUNDRY & MFG. CO., Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
General Railway Signal Co., 1738 Elmwood av, Buffalo, N. Y.; Monadnock blk, Chicago, Ill., & Broad Exchange bldg, New York
Penna. Steel Co., Steelton, Pa.; Girard bldg, Philadelphia, Pa.; 70 Kilby, Boston, Mass., & 71 Broadway, New York
Ramapo Iron Works, Hillburn, N. Y.. & 26 Cortlandt, New York
UNION SWITCH & SIGNAL CO., THE, Swissvale, Pa.; 143 Liberty, New York, & Monadnock blk, Chicago

Signals (Train Order)

Adams & Westlake Co. (Telegraph), Ontario cor N Franklin, Chicago, Ill.
Barney & Smith Car Co., Dayton, O.

Signs (Brass & Bronze)

AMOS, CHAS. & CO., 94 W Larned, Detroit, Mich. (See adv. index, end of book)
CABARAT, PAUL E. & CO., 342 W 14th, New York. (See adv. index, end of book)
CHICAGO METAL SIGN CO. (All Kinds for all Purposes), 28 N Canal, Chicago, Ill. (See adv. below)
GORHAM MFG. CO., B'way & 19th, New York. (See adv. front stencil)
JACKSON, WM. H. CO., 29 E 17th (Union Square), N. Y. (See adv. index, end of book)
JONES, TREVOR F. & CO. (also Silver), 374 W B'way, N. Y. (See adv. index, end of book)
WINSLOW BROS. CO. (also Brass & Iron). Main Office & Works, 368 Carroll av, Chicago, Ill.; 160 5th av, B'way, N. Y.; 326 4th av, Pittsburg, Pa.; Colonial Trust bldg, St. Louis, Mo.; Hennen bldg, New Orleans, La.; 121 New Montgomery, San Francisco, Cal., & Andrus bldg, Minneapolis, Minn. (See adv. index, end of book)



Signs (Car)

Brill, J. G. Co. (Reversible), 62d & Woodland av, Phila., Pa.
Hunter Illuminated Car Sign Co., Cincinnati. O.
Morris Electric Co. (Illuminated), "The Hunter," 15 Cortlandt, New York
U. S. Electric Signal Co. ("Henderson" Illuminated), Watertown, Mass.

Signs (Cast Iron)

Brown & Sharpe Mfg. Co., Providence, R. I.

Signs (Electric)

AMOS, CHAS. & CO., 94 W Larned, Detroit, Mich. (See adv. index, end of book)
Electric Motor & Equipment Co. (Electrically Illuminated), 13 Beaver, Newark, N. J.

Signs (Enameled Iron)

Caeser Bros., 112 Fulton, N. Y.
Ingram & Richardson Mfg. Co., Beaver Falls, Pa.
Leonard, Ward Electric Co., Bronxville, N. Y.
Toledo Metal Sign & Adv. Co., 222 Craig, Toledo, O.

Signs (Enameled Iron Station)

Baltimore Enamel & Novelty Co., c Allen & Clement, Baltimore, Md.

Signs (Glass)

Asbury Glass Sign Co., 43 John, N. Y.
Denzi & Phillips, 24 Dey, New York
Herrlein, Adolf P., 97 Hudson, N. Y.
McKibbin, G. N. Mfg. Co., So Norwalk, Conn.
Mansfield & Co., 158 Chambers, New York
Rawson & Evans, 151 W Wash'n, Chicago, & 460 West Broadway, New York
Tweed & Rau Co., 298 W Madison, Chicago
Western Sand Blast Mfg. Co., cor W Jackson boul & S Clinton, Chicago
Wunder, J. & Co., 192 Wash'n, Chicago

Signs (Metal, Etc.)

CHICAGO METAL SIGN CO. (Of all Kinds of Metals), 28 N Canal, Chicago, Ill. (See adv. opp. this page)
Ingraham-Richardson Mfg. Co. (Blue & White Enameled Iron Street Names, etc.), Beaver Falls, Pa.
Toledo Metal Sign & Adv. Co. (Aluminum & Brass Enameled, Japanned, Tin, etc.), Toledo, O.

Signs (Railway)

CHICAGO METAL SIGN CO. (With Flat White Metal Letters), 28 N Canal, Chicago, Ill. (See adv. opp. this page)
Canal, Chicago, Ill. (See adv. opp. this page)

Signs (Steel)

CHICAGO METAL SIGN CO., 28 N Canal, Chicago, Ill. (See adv. index, end of book)

Signs (Street)

American Steel House Co. (Steel), 796 11th av. New York
Ingraham-Richardson Mfg. Co. (Blue & White Enameled Iron, Stret Names, etc.), Beaver Falls, Pa.

Signs (Transfer)

MEYERCORD CO. ("Decalcomania"), Cham. of Com. bldg, Chicago, Ill. (See adv. below)

Signs (Veneer Panel)

MEYERCORD CO., Cham. of Com. bldg, Chicago, Ill. (See adv. below)

Signs (Window Advertising)

MEYERCORD CO., Cham. of Com. bldg, Chicago, Ill. (See adv. below)

Signs (Wire)

Adams, W. J., Joliet, Ill.
AMOS, CHAS. & CO., 94 W Larned, Detroit, Mich. (See adv. index, end of book)
CINCINNATI MFG. Co., 1243 W 6th, Cincinnati O. (See adv. index, end of book)
Kokomo Fence Machine Co., Kokomo, Ind.
Wisconsin Iron & Wire Works, 186 E Water. Cleveland, O.

Silex Mfrs.

Atlas, M. & M. Co., Lincoln, N. J., & 82 Pearl, New York
Nevins, Samuel Co., 109 S 2d, Phila., Pa.
Ohio Marble Co., Pique, O.
Salomon, L. A. & Bro., 216 Pearl, New York

Silica Mfrs.

Central Silica Co., Fortville. Ind.
Grassilli Chemical Co., Cleveland, O., & 63 Wall, N. Y.
Silver Star Mfg. Co., Battle Creek, Mich.

Silicate of Soda

Philadelphia Quartz Co., 121 S 3d, Phila., Pa.

Singletrees, Doubletrees & Whiffletrees

Adams, E. B. & Son, Racine, Wis.
Automatic Yoke Co. (Single Trees, etc.), Indianapolis, Ind.
Avery, B. F. & Sons, Louisville, Ky.
Burton Handle Co., Burton, O.; West Pullman, Chicago, Ill., & 111 Chambers, N. Y
Campbell & Dann Mfg. Co., Tullahoma, Tenn.
Collins, Hilton, Louisville, Ky.
Hartwell Bros. (Singletrees), Chicago Heights, Ill.
Howland Mfg. Co. (Whiffletrees, etc.), Pontiac Mich.
Lack Single Tree Co., Paducah, Ky.
Pittsburg Tubular Steel Whiffletree Co., Pittsburg, Pa.
Racine Malleable & Wrought Iron Co., Racine, Wis.
Tanner, D. F., Holland, N. Y.
Todd Mfg. Co., New Albany, Ind.
Tower & Sullivan Mfg. Co., Rome, Ga.
Von Behren Mfg. Co., Evansville, Ind.
Whitman & Barnes Mfg. Co., Akron, O.

Singletrees (Hay Hoisting)

Louder Machinery Co., Fairfield, Iowa
Myers, F. E. & Bro., Ashland, O.
Porter, J. E. Co., Ottawa, Ill.

Sink Backs

Lalance & Grosjean Mfg. Co. (Seamless Wrought Steel), 19 Cliff, New York; Chicago, Ill., & Boston, Mass.

Sinks (Porcelain)

(See Bath Tubs, Porcelain)

Sinks (Work Shop)

STURTEVANT, B. F. CO. (Cast Iron), Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria st, London, Eng. (See adv. index, end of book)

Sinks & Trays

(See also Bath Tubs, various kinds.)
(Also Laundry Tubs, various kinds.)

Alberene Stone Co. (Soapstone), 392 Pearl, New York; 60 N Clinton, Chicago, Ill., & 162 Dover. Boston, Mass.
Allen's, S. Sons (Slate), Fair Haven, Vt.
American Porcelain Co. (Porcelain Sinks), New Brighton, Pa.
AMERICAN SLATE CO., Inc. (Slate), Board of Trade bldg, Boston, Mass. (See adv. index, end of book)
Auld & Conger (Soapstone), 262 Prospect, Cleveland, O.
Barber Mfg. Co. (Cast Iron, White Enameled, etc.), Ashtabula, O.
Blacklock Foundry Co. (Cast Iron, Stamped), S Pittsburg, Tenn.
Brian Pottery Co. (Porcelain), Trenton, N. J.
Brig, Henry (White Porcelain), 56 Wallabout Brooklyn, N. Y.
Central Foundry Co. (Cast Iron), 116 Nassau, New York
Cooper, Wm. S. Brass Works, 437 N 12th, Phila., Pa.
Enterprise Foundry Co. (Cast Iron), 48 Olean, Rochester, N. Y.
Evens & Howard Fire Brick Co. (Earthenware), 920 Market, St. Louis, Mo.
Glenn Mfg. Co. (Kitchen & Slop Sinks), St. Charles, Ill.
Graham, Charles (White Porcelain & Brown Vitrified), 986 Metropolitan av, Brooklyn, N. Y.
Harris Pump & Supply Co. (Enameled Iron), 320 2d av, Pittsburg, Pa.
Hercules Iron & Supply Co. (Cast Iron), Anniston, Ala., & 427 Commercial, Boston, Mass.
Horner Sanitary Mfg. Co., 121 & 123 N 6th, Philadelphia, Pa.
Illinois Marble Co. (Slate), Edwardsville, Ill.
Iron City Sanitary Mfg. Co. (Enameled Iron), 238 3d av, Pittsburg, Pa.
Iron Clad Mfg. Co. (Sheet Steel), 4 Cliff, New York
Kohler, J. M. Sons Co. (Enameled Iron), Sheboygan, Wis.
Kilbourne & Jacobs Mfg. Co. (Wrought Steel), Columbus, O.
Lalance & Grosjean Mfg. Co. (Seamless Wrought Steel, "L. & G."), 19 Cliff, New York; 81 Michigan av, Chicago, Ill., & 351 Congress, Boston, Mass.
Limberg Foundry & Enameling Works (Enameled Iron), Cincinnati, O.
McVay & Walker (Enameled), Braddock, Pa.
Maddock, Thomas & Sons (Earthenware). Trenton, N. J.
Minns Sink & Specialty Co. (Sinks & Tubs Combined), 349 Court, Brooklyn, N. Y.
Moline Pump Co. (Cast Iron), Moline, Ill.
Monson Consolidated Slate Co. (Slate), Bath, Me.
Monument Pottery Co., Trenton, N. J.

The MEYERCORD CO.
Chamber of Commerce Building,
CHICAGO, U. S. A.

Make the ONLY RELIABLE TRANSFER WINDOW SIGN
EVERY MANUFACTURER OF SPECIALTIES, SOLD THROUGH RETAIL STORES, WHOM HE MUST SUPPLY WITH ADVERTISING SIGNS, SHOULD APPLY OUR
FAMOUS OPALESCENT TRANSFER WINDOW SIGNS
TO ALL HIS DEALERS' WINDOWS.

Mott, J. L., Iron Works (Porcelain Enameled), 88 Beekman, N. Y.
Murdock Corporation (Marble Composite), 156 Boylston, Boston
New York Slate Works (Slate), 493 E 138th, N. Y.
Norcross Co. (Euclid Stone), Cleveland, O.
Northwestern Foundry & Supply Co. (Cast Iron Slop Sinks), Orleans nr Grand boul, Detroit, Mich.
Pelkey, W. H. (Slate), Fair Haven, Vt.
Perth Amboy Ceramic Co. (Ceramic), Perth Amboy, N. J.
Rome Sanitary Works, Rome, N. Y.
Ronalds & Johnson Co. (Copper), 51 Boerum pl, Brooklyn, N. Y.; 54 Cliff, N. Y., & 139 N 7th, Phila., Pa.
Rumsey & Co., Ltd. (Inc.) (Cast Iron), Seneca Falls, N. Y.
Rundle Mfg. Co. (Enameled Iron), Milwaukee, Wis.
Scotch Hill Slate Co. (Slate), Fair Haven, Vt.
Sheppard, Isaac A. & Co., 1801 N 4th, Phila., Pa.; Baltimore, Md., & 312 Pearl, N. Y.
Simmons, Jno., Mfg. Co. (Cast Iron), Newark, N. J.
Standard Sanitary Mfg. Co. (Enameled Iron), Arrott bldg. Pittsburg, Pa.
STEIN, HENRY (Mfr. Agt.) (Enameled Iron), 48 Cliff, N. Y.
Swett, A. L. Iron Works (Cast Iron), Medina, N. Y.
Trageser's, Jno., Steam Copper Works (Copper), 447 W 26th, N. Y.
Trenton Potteries Co. (Earthenware), Trenton, N. J.
United States Sanitary Mfg. Co. (Enameled Iron), Arrott bldg, Pittsburg, Pa.
Weiskittle, A. & Son, Aliceanna & Wash'n Baltimore, Md.
Wolff, L., Mfg. Co. (Cast Iron, Steel, Porcelain Lined, Gray, Enameled, Slate & Soapstone), 117 W Lake, Chicago, Ill., & Denver, Col.

Sirens for Fog, Fire & Factory Signals

BROWN, A. & F. CO., 25 Dey, New York. Works, Elizabeth, N. J. (See adv. index, end of book)

Skate Mfrs.

Barney & Berry (Ice), Springfield, Mass.
Cycle Skate & Sporting Goods Co. (Pneumatic Roller), 37 Park, New York, N. Y.
Henley, M. C. (Ice & Roller), Richmond, Md.
Lowentraut Mfg. Co. (Ice), Newark, N. J.
Peck & Snyder (Ice), 132 Nassau, New York, N. Y.
Raymond Skate & Bicycle Co. (Ice), Charlestown, Boston, Mass.
Richardson Ball Bearing Skate Co. (Pneumatic Roller), Chicago, Ill.
Shoverling, Daly & Goles (Ice), 325 B'way, New York, N. Y.
Union Furnace Mfg. Co., "Ice," Morrell, Pa.
Union Hardware Co. (Ice & Roller), Torrington, Conn.
Winslow, Samuel Skate Mfg .Co. (Ice & Roller), Worcester, Mass.

Skewers (Steel Meat)

Brewer Bros., 614 Filbert, Phila., Pa.

Skids

Diamond Iron Works, Minneapolis, Minn.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Wheelbarrow Co., Lansing, Mich.

Skips (Mining)

Allis-Chalmers Co., New York Life bldg, Chicago, Ill.
Globe Iron Works (Inc.) (Ore & Water), Stockton, Cal.
Power & Mining Machinery (Ore & Water), 52 William, New York. Works, Cudahy, Wis.
WONHAM-MAGOR ENGINEERING Works, 29 B'way, New York. (See adv. index, end of book)

Skylight Lift

BICKELHAUPT, GEO., SKYLIGHT Works, 249-51 W 47th, New York. (See adv. bottom of page 1118)

Skylight Ventilating Apparatus

(See also Ventilating Apparatus for Greenhouses & Buildings)

Chadborn Mfg. Co. (Automatic), Newburgh, N. Y.
DROUVE, G. CO. (Lovell's), 40 Tulip, Bridgeport, Conn. (See adv. index, end of book)
Howard, S. I. (Automatic Lift), Worcester, Mass.
Ormsby, E. A., Melrose, Mass.
Plenty's Horticultural & Skylight Works, Jersey City, N. J.
Quaker City Machine Co. (The Evans, Richmond, Ind.
Weathered Co., 46 Marion. N. Y.

Skylight Wire Glass

MISSISSIPPI WIRE GLASS CO., 277 B'way, N. Y., & St. Louis, Mo. (See adv. index, end of book)

Skylights

See also Cornices, Galvanized Iron, etc. Also Roofers & Tinners.

ALABAMA.

BESSEMER—Bessemer Cornice Works
BIRMINGHAM—Spiro, S.
Wheelock, Geo. F. Co., 107 S 21st

CALIFORNIA.

FRESNO—Baron, G. A.
PASADENA—Munger & Griffith Co.
SAN FRANCISCO—Forderer Cornice Works, 8 Notoma
Haustein, Hy., 1832 Howard
Heidt, W., Cornice Works, 224 Mission
Jackson, P. H. Co., 228 1st

COLORADO.

DENVER—Broadway Cornice Works, 227 Bway
Colorado Cornice Works, 1411 Laurence
Fair. Charles W., 1809 Blake
Kessler, Fred, 2708 Larimer
Rocky Mountain Cornice Works, 1830 Market
Wahlgren, Jno. A., 1933 Curtis

CONNECTICUT.

BRIDGEPORT—**DROUVE, G. CO.** (Metal), 40 Tulip. (See adv. index, end of book)
Kirk, Wm. P., 335 Middle
Mills, L. H., 26 Middle
Reilly, J., Jr., 283 State
Schwing, John, Corp., 236 Stratford av
HARTFORD—Beseman & Bostwick, 44 Ann
Stelling, Frederick W., 93 Franklin
MERIDEN—Griswold, Richmond & Glock Co.
NEW HAVEN—Bradley Co., 158 Orange
Buckingham, Routh & Co., 79 Court
Corbett, T. W., 29 Broadway
Curtiss & Pierpont Co., 272 Elm
Perry, Hy. M., 242 George
Sheahan & Groark, 285 State
WATERBURY—Barlow Bros. Co., 63 Grand
Disley, William T., 276 Bank
Weyand, Henry, 16 Jefferson

DELAWARE.

WILMINGTON—Wilmington Cornice Works, cor. 11th & West

DISTRICT OF COLUMBIA.

WASHINGTON—Beck, Jos. F., 425 K, n w
Eagle Cornice & Roofing Co., 2210 14th, n w
Giclas, Louis, 502 K, n w
Hulse, Edgar J., 321 13th, n w
Mitchell Roofing Co., 511 11th, n w
Stockstill, D. W. & Co., 211 12th, n w
Whyte, W. M., 306 13th, n w
Wolfsteiner, O. L. & Co., 1315 W, n w

GEORGIA.

ATLANTA—Dowman-Dozier Mfg. Co., 20 Trinity av

ILLINOIS.

CHICAGO—Allen's Cornice & Corrugating Works, 424 W Randolph
Armbruster, Louis, 767 Lincoln av
BERGER MFG. CO., 23 Lake. (See adv. index, end of book)
Bremer & Bielenberg, 1136 W 13th
Burkhardt, G. Mfg. Co., 940 N Clark
Clasen Bros., 2050 Archer av
Copelin, T. E., 51 N State
Daly, D. H., 755 Ogden av
Dauchy Iron Works (Iron Frame), 84 Illinois
Descazaux, Bertrand, 1752 W 22d
Erickson, Jno. T., 4430 Lasalle
Farwell Cornice Co., 145 Lasalle
Griffith Cornice Works, 1716 Wabash av
Gross, Geo. M., 1445 State
Illinois Roofing & Cornice Co., 14 N State
Jaeger, Fred J. C., 571 W 17th
Jensen, H. H., 4040 Dearborn
Knisely Bros., 28th pl & 5th av
KNISELY, H. C. CO., 273 S Canal. (See adv. index, end of book)
Knorr, Chas. F., 533 Melrose
Krefting, Edw., 117 W Van Buren
Kuder, C. V. Co., 5315 Wentworth av
Lang, Wm., 300 Warsaw av
Liddle, Robert, 2645 State
McFARLAND, J. C. & CO., 27th & 5th av. (See adv. index, end of book)
McIlroy-Jennings Cornice Works, 1519 State
McIver. Evander, 3251 Cottage Grove av
MILLER, JAS. A. & BRO., 129 S Clinton. (See adv. index, end of book)
Perkinson & Brown, 749 W Lake
Peter, Jno., 632 N Wood
Purdy & Cauble, 800 W 63d
Richards & Kelly Mfg. Co. (Iron Frames), 389 23d
Rysdon, E. A. & Co., 627 W 41st
Slavik & Co., 425 Blue Island av
Spiess. Edw., 76 Orchard
SYKES STEEL ROOFING CO., 611 S Morgan. (See adv.in dex, end of book)
Universal Cornice Works, 970 S Troy
Voigtmann, Frank Cornice Co., 129 N Franklin
Wagner Bros., 1350 Diversey boul
Wallace, Wm. & Sons, 88 Wells
Yeldham & Keusder Co. (Metal), 269 W Vanburen
DECATUR—Stewart, W. H.
GALESBURG—Galesburg Cornice Works
KANKAKEE—Reuter, Henry
LA SALLE—Camenish Bros.
PEORIA—Bushnell, A. A. & Son, 1317 S Washington
Hunter & Strehlow, 114 S Adams
Johnson, Charles Hardware Co., 2023 S Adams
Kellerstrass & Hierspiel, 1926 S Adams
Louis, N. J. & Co., Maple c Forsythe
Meyer, F. & Bro. Co., 1313 S Adams
Peoria Roofing Co., Maple nr Adams
QUINCY—Berghofer & Ohnemus, 510 Jersey
Brosi, E. T. Co., 122 S 5th
ROCKFORD—Drake Hardware Co.
Martin, Alfred & Co.
SPRINGFIELD—Henson, Robinson Co.
STERLING—Taylor, F. R. & Co.
STREATOR—Powers & Williams

INDIANA.

EVANSVILLE—Lohse, H. & Co.
Mesker, Geo. L. & Co.
FORT WAYNE—Gerding & Aumann Bros., 115 Wallace
Welch, J. H. & Sons, 190 Calhoun
GOSHEN—Maurow, W E. & Son

HAMMOND—Lundt, Henry
INDIANAPOLIS—Ensey, Orvis B., c 15th & Illinois
Gardner, Jos., 37 Kentucky av
Hawkins-Rollyn Co., 322 E Market
Humphreys, M. E. & Co., 223 S East
McWorkman, Willard, Stevenson bldg
Off, Chris. & Co., 434 E Washington
Pursell, Peter M. Mfg. Co., 932 Ft. Wayne av
MARION—Hegarty, M. F.
Hollinger, M. G. & Co.
SOUTH BEND—Lauber & Weiss
TERRE HAUTE—Smith, C. C. Sons Co., 303 Wabash av
VINCENNES—Vincennes Gal. Works

IOWA.

CEDAR RAPIDS—Cedar Rapids Cornice Works, 320 2d av
Grissel, J. P. Cornice Co., 115 1st
COUNCIL BLUFFS—Grahl-Peterson Co., 1015 B'way
DAVENPORT—Hipwell, Chas. G.
Reimers, P. A.
DES MOINES—Clark, J. D. Co., 1820 Washington av
Fischer Bros., 714 Locust
Kurtz, L. H., 312 Walnut
St. John & Barquist, 412 8th
DUBUQUE—Klauer Mfg. Co., 1351 Iowa
IOWA CITY—Maresh Bros.
MASON CITY—Midland Sheet Metal & Cornice Works
OSKALOOSA—Phillipe, E. Webb
Wells & Watts
SIOUX CITY—Schuetz, C. N., 215 4th
VINTON—Vinton Steel Works
WATERLOO—Kentzelman, I. M.
Taft, C. W.

KANSAS.

ATCHISON—Walcott, H. C.
NEWTON—Bergh, Wm.
TOPEKA—Topeka Roofing Co., 111 W 6th
Van Dorp, Louis, 828 Kansas av

KENTUCKY.

COVINGTON—Glaser, Wm. A. Roofing & Cornice Works, 2019 Madison av
Snyder, W. G. Co., 11 Pike
LEXINGTON—Bitterman, Edw. & Son
LOUISVILLE—Heartick, E. G., 1308 Preston
Smith, Geo. L., 106 E Green
Wagner, J. F. & Sons. 1375 7th
Wulff, W. C. & Co., 603 E Jeff'n
LUDLOW—Schmidt, Julius
NEWPORT—Newport Cornice Co., 521 Monmouth
Rust, Lawrence & Son, 909 Monmouth

LOUISIANA.

NEW ORLEANS—Eichhorn & Dendinger, 931 Tchoupitoulas
Louisiana Cornice Works, 1718 Tulane av
New Orleans Roofing & Metal Works, 926 Lafayette

MAINE.

LEWISTON—Stetson, J. H. Co.
PORTLAND—Hollivan & Parker, 56 Cross
Hutchinson & Cain, 438½ Fore
Rowe, Jno. H., 229 Federal
Scott, Wm. H. Co., 29 Union

MARYLAND.

BALTIMORE—Bartlett, Hayward & Co., Continental Trust bldg
Clifton Cornice & Skylight Works, 427 N High
Fingles, W. A., 2115 Madison av
Fitzberger, H. & Son, 207 Park av
Hetzell, Jno. G. & Son, 225 N Howard
Kohlhepp, A., 406 N Howard
Lenderking, P. H., Jr., 203 W Pratt
LUPTON'S, DAVID SONS CO., 216 Calvert. (See adv. index, end of book)
Northwestern Cornice Works, 1506 Penna. av
PRUDEN, C. D. CO., Builders' Exchange, Baltimore, Md. (See adv. index, end of book)
Vaile & Young, 216 N Calvert
Ward, Wilbur F., 20 W Platt
Wilhelm, J. F., 748 Pa av
Zimmers, A. M., 1808 Frederick av

MASSACHUSETTS.

BOSTON—Ames & Ginty, 101 Tremont
Anderson, C. & Co., 41 Way
BADGER, E. B. & SONS CO., 63 Pitts. (See adv. index, end of book)
BERGER MFG. CO., 176 Federal. (See adv. index, end of book)
Eagle Cornice & Skylight Works, 192 Charles
Finkelstein, M., 37 Spring
Forrest, Alfred W., 464 Harrison av
Gulesian, M. H. Co., 16 Waltham
Harrigan, J. & Son, 111 Liverpool
Hicks, S. D. & Son, 9 Bowker
Hoffman, E. S., 642 Wash'n, Dor.
Lamont, J. G., 30 Beverly
Marley Bros., 19 Wareham
Mayberger, Edw. F., 1 Willow Park
Meade Roofing & Cornice Co., 120 Tremont
Mills & Moore, 35 Bradford
Raymond, John B., 48 India
Smith, A. & Co., 162 1st
Union Cornice Co., 7½ Appleton
Van Noorden, E. Co., 944 Mass. av
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SPRINGFIELD—Atwater, E. C. & Co., 21 Taylor
Pratt, H. J. & Co., 108 Dwight
Wilson, R. & Son, 34 Dwight
WORCESTER—Barnard, Geo. A., 74 Prescott
McNally, D. E. & Co., 199 Union
New England Steel Roofing Co., 274 Main

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BATTLE CREEK—Battle Creek Furnace & Roofing Co.
DETROIT—Burton, W. J. & Co., 164 Larned, W
Candler, J. D. & Co., 177 High, E
Dancy & Co., 429 6th
Detroit Cornice & Slate Co., 145 St. Antoine
Howie Roofing Co., 374 4th av
Hutton, Robt. & Co., 112 Fort, E
Lewis, Hy. B., 45 Jos Campau av
Orth, Adam J., 166 Hastings
Pudrith & Candler, 76 Brush
Sexauer, Geo. J. 218 Wilkins
Wrench, C. E., 200 Beaubien
GRAND RAPIDS—Hopson-Haftencamp Co., 82 Campau
Reynolds, H. M. Roofing Co., Louis & Campau
Sokup, F. J., 121 S Front
Weatherby & Pulte, 97 Pearl
JACKSON—Barrett & Daly
McGraw & Crone
KALAMAZOO—Kalamazoo Cornice Works
Wallace, Jno. A.
SAGINAW—Jacobi, Alex., 809 Genesee av

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Deetz & Co., 108 W 1st
Duluth Corrugating & Roofing Co.
McMartin & Co.
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Minneapolis Roofing & Cornice Works, 403 6th av, S
National Roofing & Cornice Co., 1412 S 7th
Nees, Louis & Co., 1207 S 3d
Northwestern Roofing, Cornice & Stamping Works, 1113 S 5th
Selden Roofing & Mfg. Co., Western av & 11th
Stremel Bros. Roofing & Cornice Co., 1215 Wash'n av, N
ST. PAUL—Boehme, Geo. F., 7 E 3d
Finn & Schumacher, 468 St. Peter
Griffin & Lambert Co., 121 W University av
Lefebvre, D. Roofing & Cornice Co., 26 8th
St. Paul Roofing, Cornice & Ornament Co., Water c Wabasha
Scribner-Libbey Co., Wash'n c Fort
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Magnus & Wilkens

MISSOURI.

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Kornbrodt, C. T., 400 W 6th
Martz & Roebber, 1313 Main
Ritzler, J. A. Cornice & Ornament Co., 600 W 5th
Sick, W. F., 2719 E 15th
Stoeltzing Stove & Hardware Co., 1329 Grand av
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Weis, Henry Cornice Co., 1811 Wyandotte
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Stauffer, P. & Co.
ST. JOSEPH—Langan, Peter, 305 S 4th
Seamon & Schuske, 1604 Frederick av
Wehrman, Wm., 119 N 2d
ST. LOUIS—**BERGER MFG. CO., 623** N Main. (See adv. index, end of book)
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Dunlevy Sheet Iron Works, 520 N Commercial
Gerock Bros. Mfg. Co., 1252 Manchester av
Hiller, Chas., 4579 Easton av
Marx & Neun Stove & Plumbing Co., 1800 S 11th
Mungenast, Jos. & Bro., 3217 Meramec
Murphy, E. & Co., 3727 Easton av
Sydow, John, 7922 S B'way
Tiernan, Luke, 1019 Chestnut
Vonder au-Cluss Hdw. & Cornice Co., 2349 S B'way
Wand & Niehaus, 2008 Kossuth av
Zacharias, Wm., 1204 Park av

MONTANA.

HELENA—McKinnon, A., 405 N Main
Mitchell, John, 352 N Main
Rummel, Jacob, 114 E 6th av

NEBRASKA.

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LINCOLN—Gaiser Bros.
Janesch, Edward, 237 S 9th
OMAHA—Carter, R. L., 1724 St. Mary's av
Ruemping, Fred'k, 616 S 14th

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NEW JERSEY.

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CAMDEN—Camden Cornice Co., 2d & Federal
Klosterman Bros. Co., 1016 B'way
Metallic Mfg. Co., 110 Erie
ELIZABETH—Elizabeth Cornice Works, c Union & Union pl
HOBOKEN—Dorsett, T. W., 1004 Garden
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Henningsen, Henry, 154 Sip av
National Sheet Metal Roofing Co., 339 Grand
National Skylight & Construction Co., 260 Culver av
Plenty's Horticultural & Skylight Works, ("Helliwell" "Secundus")
Ringle, Jacob & Son, 83 Newark av
Schreck & Waelty, 27 Hague
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Baler & Conrad, 336 Hunderton
Berla, Elias, 76 Mulberry
Bleecker & Steinberg, 64 Shipman
Engelberger, F. & W. V. & Co., Howard cor Mercer
Hedden, Eugene B., 22 Clinton
Newark Cornice Skylight Works, 9 17th av
Schwing & Co., 190 Ferry
Smith, Frank F., 49 Bank

PATERSON—Lendrim, H. C. Co., 82 Clay
Quinn Bros.
SCOTCH PLAINS—Jahns, Robt. Sons
TRENTON—Trenton Arch'l Cornice Works, 101 S Warren
WEST HOBOKEN—Gutschmidt, W. H., 810 John
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Hood, W. R., 115 Hamilton
Macnee & Rabe, 659 B'way
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BINGHAMTON—Freeman, E. G. & Co.
Hatton, McIntyre & Co., 179 Water
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Bauer's, Chas. Sons, 159 William
Buffalo Roofing & Mfg. Co., 492 Wash'n
Christmann, Philip & Sons, 118 Mulberry
Elsinghorst, A. F., 138 B'way
Elsinghorst, John H., 574 Michigan
Hartmetz, Geo., 652 Elm
Kener, Edw., Jr., 400 Connecticut
Lipp & Nauth, 225 Walnut
Machwirth Bros. Co., 201 Oak
Menge, Fred'k A., 480 Genesee
Peters, G. H. Co., 289 Oak
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Clifford, Neil, 296 Smith
Cohen, Henry, 311 Atlantic av
Gogarty, Michael J. (Copper & Galvanized Iron), 1531 Fulton
Greenthaler, Chris., 860 DeKalb
Halpin, Jas. E., 936 DeKalb av
Herrmann & Grace, 5th av & Flatbush av
Hoellerer, Jos., 85 Union av
Kleinfield, Morris, 2576 Atlantic av
Kuhnla, Ernst, 71 Hinsdale
Mildner, Chas., 469 Flushing av
Muller, E. A. & Bro., 687 4th av
Ostergren, Sam'l, 727 3d av
Otto, Jno. M., 46 Maujer
Rueger, Chas. G., 293 Flatbush av
Schar, Paul, 2262 Church av
Schnitzspan, Henry V., 800 Wythe av
Schratwieser Fireproof Construction Co., 426
Seton, John, 78 Washington av 3d av
Smith, Air Chamber Sky Light Co., 17
Sutphin, E. J., 668 Mhtn av Fulton
Tolman, Chas., 8 Noll
Weiss, Adolph, 963 Myrtle av
White, James, 44 Adelphi

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American Luxfer Prism Co., 160 5th av
Anderson & O'Brien, 512 E 48th
Baron, Lewis, 446 W 41st
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Beer & Hess, 223 W 35th
Berglund, Chas. & Son, 774 3d av
BERGER MFG. CO., 216 E 23d (See adv. index, end of book)
BICKELHAUPT, GEO., SKYLIGHT Works, 249-51 W 47th. (See adv. below)
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Borkel, Jno., 42 E Houston
Bernstein, Benj., 227 6th
Brandt, Fred, 169 E 85th
Breivogel, Geo., 46 Rose
Butler, Pierce, 2 Ridge
Dietze, Oscar, 245 E 84th
Doctor, E., 410 E 66th
Essenwanger, Chas., 502 E 148th
Federroll, Rudolph, 267 W 35th
Freyberg, Otto, 2308 2d av
Furlong & Furlong, 459 E 135th
General Supply & Construction Co. ("Eclipse" Glazing), 21 State
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Goldman, Bernard, 520 W 40th
Gorton, Simeon, 585 S Boulevard
Gregory, Jas., 140 W 38th
Hagan, Thos. F., 331 E 102d
Harrison, M., 214 E 52d
Hayes, George Co., 71 8th av
Horner, Jos., 505 5th
Keane, Wm. A., 309 E 39th
Kramer, Morris, 404 E 17th
Leonard Sheet Metal Works, 332 W 13th
LUPTON'S, DAVID SONS CO., 220 B'way. (See adv. index, end of book)
Mark, Jacob (Iron Frame), 7 Worth
Marshall, Peter, 281 E B'way
Meade Roofing & Cornice Co., 156 5th av
Meister & Blayer, 97 Forsyth
Molle, Edw., 167 W 13th
Moritz, Isaac, 1192 2d av
Morrow, J., 225 W 50th
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Rosenberg, Heyman, 854 11th av
Rosenberg, Morris, 434 E 86th
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Schwoerer, A. & Sons, 120 Av D
Smith & Dorsett, 405 E 47th
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Turno, Henry, 787 Forest av
Vincent, Wm. E. D., 551 W 42d
Vogt, Geo. J., 312 E 60th
Walther, Max, 796 E 142d
Westergren, Moritz F., 435 E 144th
Wilson, M. S. A., 408 E 77th
Winters, Chas., 22 Grove

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ROCHESTER—Dumond, Babcock & Kingston,
Goggin & Knowles, 50 Franklin 65 Stone
Siddons, John Co., 65 N Water
SYRACUSE—Bradford & Deruchie, 439 E Water
Cashman & McCarthy, 372 W Fayette
Curran, Jas., 213 N Franklin
Talbott, Thos. & Son, 240 W Water
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Loop, Wm. H., 44 Van Rensselaer
O'Connor, John, 328 2d
White, David, 735 River
Williams & Manogue, ft Grand
UTICA—Metal Roofing & Cornice Co., 71 Main
YONKERS—Fitzgerald, David, 202 New Main
Kronowitz, Jacob, 46 Riverdale av
McVicar, Thos., 30 Dock
McVicar, Wm. H., 83 Woodworth av
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NORTH DAKOTA.

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OHIO.

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CAMBRIDGE—Cambridge Roofing Co.
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Kanneberg Roofing & Ceiling Co.
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Brandis Bros., 3144 Reading rd
Brockmann & Schuessler, 326 W 3d
Eagle Galvanized Iron Cornice Works, Witt & Brown
Edwards Mfg. Co., 119 Sycamore
Freund, Jacob Roofing Co., Mitchell av & B. & O. S. W. Ry.
Greiwe, Edw. & Bro., 1128 B'way
Kiechler Mfg. Co., Linn Armory av & Clinton
Lee, Thos., 130 W 2d
Scott & Co., 234 E Front
Weissenberger, Geo. K., 4004 Spring Grove av
Witt Cornice Co., 8th & B'way
Witt & Brown, 215 W 3d
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Mannen & Esterly, 811 St. Clair
Riester & Thesmacher, 679 Pearl
Rudolph & Son Co., 35 Michigan
Shackleton Co., 171 Prospect
Towson, E. H., 1057 1st av
COLUMBUS—Calkins, W. R. & Sons, 752 E Long
Knell, Philip, 344 S 4th
Kromer, P. F., 164 W Mound
Schoedinger, F. O., 61 E Long
DAYTON—Bretch, A., 126 E 5th
Buvinger, G. W. & E. E. 323 E 3d
Kenney, J. R., 251 S Wayne av
Wuichet, Chas. & Co.
FINDLAY—Gates, N. S. & Co.
Hoffman & Bryan
HAMILTON—Schlosser, Jacob, 207 Court
Zschau, A. E., 326 Canal
MANSFIELD—Martin, C. E. & Bro.
SALEM—Mullins, W. H. (Steel)
SPRINGFIELD—Peet & Schuster Co., 28 S Fountain av
TOLEDO—Kloeppinger, G. F. C., 130 Ottawa
Toledo Cornice & Copper Works, 130 Ottawa
ZANESVILLE—Schmid, David
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Patterson & Sterling, 12th & French
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HARRISBURG—Fager & Maeyer
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Penn Cornice & Roofing Co.
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American Metal Cornice Works, 1124 Ontario
Bachman, S. A., 1347 N 6th
BERGER MFG. CO., 1215 Filbert, (See adv. index, end of book)
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Brown, Jos. E., 525 N 23d
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Cornell, H. T., 1845 N 6th
Cox, Wm. W., 327 Race
Decker, John & Son, 2704 Girard av
Gara, McGinley & Co., 23 S 17th
Knodel, Emil, 7 Girard av
LUPTON'S DAVID SONS CO., Allegheny av & Tulip. (See adv. index, end of book)
Meade Roofing & Cornice Co., 45th & Linmore av
Rising Sun Cornice Works, Rising Sun la cor Hutchinson
THORN, J. S. CO., 1225 to 1229 Callowhill. (See adv. index, end of book)
West Phila. Cornice Works, 3420 Market
PHOENIXVILLE—Caswell & Moore
PITTSBURG—Bonar, James & Co., Frick bldg
Keighley, S. Metal Ceiling & Mfg. Co., 819 Locust
Morgan, O. C., 209 Frankstown av
RASNER & DINGER CO., 2d av & Ferry. (See adv. index, end of book)
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WILKESBARRE—Carpenter, B. G., & Co., 51 W Market
Connor Bros., 237 S Main

RHODE ISLAND.

PROVIDENCE—Brunnckow, C. G., 223 Globe
Burgess, Jas. 254 Prairie av
CLASON ARCHITECTURAL METAL Works (Inc.), 428 Kinsley av. (See adv. index, end of book)
Fox, Geo. J., 11 Forest
Lamoureux, F. & Co., 39 Friendship
Makee, A. O., 49 Westminster
Providence Arch'l Metal Works, 237 Dyer
Providence Cornice Co., 75 Westminster

SOUTH CAROLINA.

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Morris, R. J., 130 King

TENNESSEE.

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Eichberg & Meyer, 63 Jeff
Fritz, Ed. H., 152 Front
Wessendorf, Chas., 196 Main
NASHVILLE—Cammerer, H. & Son, 227 N Market
Phillips & Buttorf Mfg. Co., 219 N College

TEXAS.

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Waitz, Chris.
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Fredericks, Wm. G., 2309 Av A
Oppenmann, H. C., 1811 Market
Werner, Geo. P., 1628 Winnie
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Miller, Edw. Cornice & Roofing Co., 1114 Commerce

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GREEN BAY—Green Bay Cornice & Corrugating Co.
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La Crosse Steel Roofing & Corrugating Co., 312 State
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Biersach & Niedermeyer Co., 218 5th
Bogenberger, F. & Bro., 267 6th
Cox, Jos. L., 138 6th
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Green, David D., 215 6th
Hoffmann & Baur, 279 Lake
Klubertanz & Strohmeyer, 2325 Fondulac av
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Roeder, Chas. C., 1160 5th
Romberger, Jos., 2115 Cherry
Schmitt, F. & Sons Co., 301 4th
OSHKOSH—Towedo & Warning
Wisconsin Sheet Metal Works, 345 33d av
SUPERIOR—Bingham Hardware Co., W. S.
Holmes, A. E. & Bro. Co., 704 Ogden av, W. S.
WEST SUPERIOR—Carlson Bros.

Skylights (Bar Lock System)

AMERICAN BAR LOCK CO., Land Title bldg, Phila., Pa. (See adv. index, end of book)

Skylights (Ornamental Iron)

BICKELHAUPT, GEO. SKYLIGHT Works, 243 W 47th, N. Y. (See adv. opp. page)
HECLA IRON WORKS, 118 N 11th, Brooklyn, N. Y. (See adv. index, end of book)
MILWAUKEE CORRUGATING CO., Milwaukee, Wis. (See adv. index, end of book)
WINSLOW BROS. COMPANY, 368 Carroll av, Chicago, Ill.; 156 5th av, N. Y.; 326 4th av, Pittsburg, Pa.; Colonial Trust bldg, St. Louis, Mo.; 730 Union, New Orleans, La.; Hayward bldg, San Francisco, Cal., & Andrus bldg, Minneapolis, Minn. (See adv. index, end of book)

Skylights (Prism System)

(See Glass Mfrs., Prismatic.)

Slag (Roofing & Paving)

Baltimore Roofing & Coal Tar Co., 1211 Leadenhall, Baltimore, Md.
Clymer, J. L., Marshall & Berks, Phila., Pa.
Grant Paving Co., Bee bldg, Omaha, Neb.
Hatfield, Geo. E., 100 Keap, Brooklyn, N. Y.
Little, Wm., Conschohocken, Pa., & Swedeland, Pa.
National Roofing Co., 16 E Lex., Baltimore, Md.
Vulcanite Paving Co., Land Title bldg, Phila., Pa.

Slashers (Steam Exhausting Apparatus for)

STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 231 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria St, London, Eng. (See adv. index, end of book)

Slate Billiard Table Beds

(See Billiard Table Beds, Slate.)

Slate Blackboards

(See Blackboards, Slate.)

Slate Book Stacks

MATHEWS CONSOLIDATED SLATE CO., 199 Wash'n, Boston, Mass. (See adv. index, end of book)

Slate Cistern Linings

Fleming Slate Co., Poultney, Vt.
MATHEWS CONSOLIDATED SLATE CO., 199 Wash'n, Boston, Mass. (See adv. index, end of book)

Slate Columns

Algonquin Red Slate Co., Worcester, Mass.
Mills, Truthville, N. Y.
American Slate Co., Bangor, Pa.
East Bangor Consolidated Slate Co., East Bangor, Pa.
Hydeville Marbleized Slate Mantel Co., Hydeville, Vt.

Slate Dados

MATHEWS CONSOLIDATED SLATE CO., 199 Wash'n, Boston, Mass. (See adv. index, end of book)

Slate (Damp-Proof)

MATHEWS CONSOLIDATED SLATE CO., 199 Wash'n, Boston, Mass. (See adv. index, end of book)

Slate (Decorative)

MATHEWS CONSOLIDATED SLATE CO., 199 Wash'n, Boston, Mass. (See adv. index, end of book)

*Slate Fasteners

BROWNVILLE MAINE SLATE CO. (the Worcester for Slate Roofs), Worcester, Mass. Quarries, Brownville, Me.
Farquhar's, Jno., Sons, 20 East, Boston, Mass.

Slate Floor Tile

Algonquin Red Slate Co., 108 Worcester, Worcester, Mass. Mills, Truthville, N. Y.
Allen's S. Sons, Fair Haven, Vt.
AMERICAN SLATE CO. (Inc.), Board of Trade bldg, Boston, Mass. (See adv. index, end of book)
American Slate Co., Bangor, Pa.
Brownville Maine Slate Co., Worcester, Mass. Quarries, Brownville, Me.
Buess & Co., 316 E 95th, N. Y.
Coulman & Westcott, Fair Haven, Vt.
EUREKA SLATE QUARRIES (A. Tuttle, Treas.), Fair Haven, Vt. (See adv. index, end of book)
Fair Haven Marble & Marbleized Slate Co., Fair, Haven, Vt.
Fleming Slate Co., Poultney, Vt.
Hower, J. K., Danielsville, Pa.
McKenna, David, Slatington, Pa.
MATHEWS CONSOLIDATED SLATE CO. (Finished All Colors), 199 Wash'n, Boston, Mass. (See adv. index, end of book)
Milogue Bros. & Quinn, Hydeville, Vt.
Monson Consolidated Slate Co., Bath, Me., & 27 School, Boston, Mass.
Monson Maine Slate Co., 113 Devonshire, Boston, Mass.
Pelican Slate Mfg. Co., Wind Gap & Pottstown, Pa.
Penna. Structural Slate Co., Easton, Pa.
Penrhyn Slate Co., 493 E 138th, New York
Slatington Slate Co., Slatington, Pa.
Taylor, Wm. M., Mantel & Grate Co., Columbus, O.
Washington Slate Co., Slatington, Pa.
Williams Slate Co., Arvonia, Va.

Slate Flour

Atlas, M. & M. Co., Lincoln, N. J., & 82 Pearl, New York
Mertztown Paint & Ochre Co., 3d & Chestnut, Phila., Pa.; 105 Hudson, New York. Works, Mertztown, Pa.

Slate for Backing Lithographic Stones

MATHEWS CONSOLIDATED SLATE CO., 199 Wash'n, Boston, Mass. (See adv. index, end of book)

Slate for Electrical Purposes

Algonquin Red Slate Co., Worcester, Mass. Mills, Truthville, N. Y.
Allen's, S. Sons, Fair Haven, Vt.
AMERICAN SLATE CO. (Inc.), Board of Trade bldg, Boston, Mass. (See adv. index, end of book)
American Slate Co., Bangor, Pa.
Atlas Slate Co., 101 W Main, Marshalltown, Ia. Works & Quarries, Mena, Ark.
Bangor Crescent Slate Co., Bangor, Pa.
Bangor Slate Mining Co., Bangor, Pa.
Brownville Maine Slate Co., Worcester, Mass. Quarries, Brownville, Me.
Coulman & Westcott, Fair Haven, Vt.
Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
Fleming Slate Co., Poultney, Vt.
Franklin Slate Co., 122 Franklin, Phila., Pa.
Hower, J. K., Danielville, Pa., & Slatington, Pa.
Illinois Marble Co., Edwardsville, Ill.
McKenna, David, Slatington, Pa.
M'Namara Bros., Fair Haven, Vt.
Madoc Slate Co., Allentown, Pa.
MATHEWS CONSOLIDATED SLATE CO., 199 Wash'n, Boston, Mass. (See adv. index, end of book)
Monson Consolidated Slate Co., Bath, Me.
Monson Maine Slate Co., 113 Devonshire, Boston, Mass.
North Bangor Slate Co., Bangor, Pa.
Ontalaunee Slate Mfg. Co., Lynnport, Pa.
Peerless Slate Co., Delta, Pa.
Pelican Slate Mfg. Co., Wind Gap, Pa.
Pelkey, W. H., Fair Haven, Vt.
Penna. Structural Slate Co., Easton, Pa.
Penrhyn Slate Co., 493 E 138th, New York
Slatington Slate Co., Slatington, Pa.
Union Slate Mfg. Co., Hydeville, Vt.
Washington Slate Co., Slatington, Pa.
Young, A. B., Fair Haven, Vt.

Slate Imposing Stones

Fleming Slate Co., Poultney, Vt.
MATHEWS CONSOLIDATED SLATE CO., 199 Wash'n, Boston, Mass. (See adv. index, end of book)

Slate Laundry Tubs

(See Laundry Tubs, Slate.)

Slate Machinery

(See Machinery, Slate.)

Slate Mantel Stock

(See Slate Mill Stock.)

Slate Mantels

(See Mantels, Slate.)

Slate Marbleized Work

(See Mantels, Marbleized Slate.)

Slate Mill Stock

Allen's, S. Sons, Fair Haven, Vt.
American Slate Co., East Bangor & Easton, Pa.
Algonquin Red Slate Co., 10 E Worcester, Worcester, Mass. Mills, Truthville, N. Y.
Bangor Crescent Slate Co., Bangor, Pa.
Blanchard Slate Mining Co. (Sawed & Planed Only), No Blanchard, Me.
Blue Valley Slate Co., Allentown & Slatington, Pa.
Boston-Blanchard Slate Co. (Sawed & Planed Only), Bangor, Me.
Columbia Bangor Slate Co., Bangor, Pa.
Columbia Slate Co., Slatington, Pa.
EUREKA SLATE QUARRIES (A. Tuttle, Treas.), Fair Haven, Vt. (See adv. index, end of book)
Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
General Bangor Slate Co., Easton & Bangor, Pa.
Hahn, Granville (Mantel Stock), Walnutport, Pa.
Hower, J. K., Danielsville, Pa., & Slatington, Pa.
Kirtland, Litchfield & Co., 1123 B'way, N. Y.
Lake Bomoseen Slate Co., Hydeville, Vt.
Lloyd, E. E., Fair Haven, Vt.
McKenna, David, Slatington, Pa.
MATHEWS CONSOLIDATED SLATE CO., 199 Wash'n, Boston, Mass. (See av. index, end of book)
Maynard, C. T. & Co., Fair Haven, Vt.
Moyer, J. S. & Co., Bangor, Pa.
North Bangor Slate Co., Bangor, Pa.
Ontalaunee Slate Mfg. Co., Lynnport, Pa.
Peerless Slate Co., Delta, Pa.
Pelican Slate Mfg. Co., Wind Gap, Pa.
Pittston Slate Mfg. Co., Pittston, Pa., & Slatington, Pa.
Slatington Slate Co., Slatington, Pa.
Taylor, Wm. M. Mantel & Grate Co., Columbus, O.
Washington Slate Co., Slatington, Pa.
Williams Slate Co., Arvonia, Va.
Woodley Slate Co., East Bangor, Pa.

Slate (Monumental & Sculptural)

MATHEWS CONSOLIDATED SLATE CO., 199 Wash'n, Boston, Mass. (See av. index, end of book)

Slate Mouldings

MATHEWS CONSOLIDATED SLATE CO., 199 Wash'n, Boston, Mass. (See av. index, end of book)

Slate Ornaments

MATHEWS CONSOLIDATED SLATE CO., 199 Wash'n, Boston, Mass. (See av. index, end of book)

Slate (Plumbers')

(See Slate Urinal Slabs, etc.)

Slate Radiator Tops

Illinois Marble Co., Edwardsville, Ill.
MATHEWS CONSOLIDATED SLATE CO., 199 Wash'n, Boston, Mass. (See av. index, end of book)

Slate Refrigerator Linings & Shelves

Fleming Slate Co., Poultney, Vt.
Illinois Marble Co., Edwardsville, Ill.
MATHEWS CONSOLIDATED SLATE Co., 199 Wash'n, Boston, Mass. (See adv. index, end of book)

Slate Register Frames or Borders

Algonquin Red Slate Co., Worcester, Mass. Mills, Truthville, N. Y.
Allen's, S. Sons, Fair Haven, Vt.
AMERICAN SLATE CO. (Inc.), Board of Trade bldg, Boston, Mass. (See adv. index, end of book)
American Slate Co., Bangor, Pa.
Coulman & Westcott, Fair Haven, Vt.
Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
Illinois Marble Co., Edwardsville, Ill.
Lake Bomoseen Slate Co., Hydeville, Vt.
McKenna, David, Slatington, Pa.
Monson Maine Slate Co., 113 Devonshire, Boston, Mass.
North Bangor Slate Co., Bangor, Pa.
Ontalaunee Slate Mfg. Co., Lynnport, Pa.
Peerless Slate Co., Delta, Pa.
Sun Slate Co., Slatedale, Slatington, Pa.
Williams Slate Co., Arvonia, Vt.

Slate (Roofing)

(See Roofing Slate, Various Kinds.)

Slate Sidewalks

MATHEWS CONSOLIDATED SLATE CO., 199 Wash'n, Boston, Mass. (See av. index, end of book)

Slate Sills, Lintels, Water Tables, Etc.

(See Slate Stair Treads & Risers.)

Slate Sinks

(See Laundry Tubs, Slate.)
(Also Slate Urinal Slabs, etc.)

Slate Stair Treads & Risers

Algonquin Red Slate Co., 10 E Worcester, Worcester, Mass. Mills, Truthville, N. Y.
Allen's, S. Sons, Fair Haven, Vt.

AMERICAN SLATE CO. (Inc.), Board of Trade bldg, Boston, Mass. (See adv. index, end of book)
American Slate Co., Bangor, Pa.
Bangor Crescent Slate Co., Bangor, Pa.
Bangor Slate Mining Co., Bangor, Pa.
Bash, Chas. (Mfrs. Agt.), 101 Tremont, Boston. Mass.
Brownville Maine Slate Co., Worcester, Mass. Quarries, Brownville, Me.
Chicago Slate & Mantel Co., 232 S Clinton, Chicago, Ill.
Christa, Philip & Sons (Workers), 504 Lafayette av, Detroit, Mich.
Columbia Slate Co., Slatington, Pa.
Coulman & Westcott, Fair Haven, Vt.
Fair Haven Marble & Marbleized Slate Co., Fair Haven, Vt.
Fleming Slate Co., Poultney, Vt.
Franklin Slate Co., 122 Franklin, Phila., Pa.
Hahn, Granville, Walnutport, Pa.
Hower, J. K., Danielsville, Pa., & Slatington,
Illinois Marble Co., Edwardsville, Ill. Pa.
Keenan Bros., Bangor, Pa.
Lackawanna Slate Co., Portland, Pa.
Lake Bomoseen Slate Co., Hydeville, Vt.
McKenna, David, Slatington, Pa.
Madoc Slate Co., Allentown, Pa.
MATHEWS CONSOLIDATED SLATE CO., 199 Wash'n, Boston, Mass. (See adv. index, end of book)
Monson Consolidated Slate Co., Bath, Me.
Monson Maine Slate Co., 113 Devonshire, Boston, Mass.
New York Slate Works, 493 E 138th, New York
Ontalaunee Slate Mfg. Co., Lynnport, Pa.
Peerless Slate Co., Delta, Pa.
Pelican Slate Mfg. Co., Wind Gap, Pa.
Pelkey, W. H., Fair Haven, Vt.
Penna. Structural Slate Co., Easton, Pa.
Penrhyn Slate Co., 493 E 138th, New York
Schilling Co., 43 Eagle, Albany, N. Y.
Scotch Hill Slate Co., Fair Haven, Vt.
Slatington-Bangor Slate Syndicate, Slatington, Pa
Slatington Slate Co., Slatington, Pa., & 181 B'way, N. Y.
Taylor, Wm. M. Mantel & Grate Co., Columbus, O.
Washington Slate Co., Slatington, Pa.
Williams Slate Co., Arvonia, Va.
Woodley Slate Co., East Bangor, Pa.

Slate (Structural)

(See Slate Stair Treads & Risers.)

Slate Table Tops

Fleming Slate Co., Poultney, Vt.
Illinois Marble Co., Edwardsville, Ill.
MATHEWS CONSOLIDATED SLATE CO., 199 Wash'n, Boston, Mass. (See adv. index, end of book)

Slate Tanks

Illinois Marble Co., Edwardsville, Ill.
MATHEWS CONSOLIDATED SLATE CO., 199 Wash'n, Boston, Mass. (See adv. index, end of book)

Slate Tubs

(See Laundry Tubs, Slate.)

Slate (Unfading Green)

Kimes, J. B. & Co., 1822 Filbert, Phila., Pa.
MATHEWS CONSOLIDATED SLATE CO., 199 Wash'n, Boston, Mass. (See adv. index, end of book)

Slate (Unfading Purple)

Kimes, J. B. & Co., 1822 Filbert, Phila., Pa.
MATHEWS CONSOLIDATED SLATE CO., 199 Wash'n, Boston, Mass. (See adv. index, end of book)
Pelkey, W. H., Fair Haven, Vt.

Slate (Unfading Red)

Kimes, J. B. & Co., 1822 Filbert, Phila., Pa.
MATHEWS CONSOLIDATED SLATE CO., 199 Wash'n, Boston, Mass. (See adv. index, end of book)

Slate Urinal Slabs, Etc.

Algonquin Red Slate Co., Worcester, Mass. Mills, Truthville, N. Y.
Allen's, S. Sons, Fair Haven, Vt.
AMERICAN SLATE CO. (Inc.), Board of Trade bldg, Boston, Mass. (See adv. index, end of book)
American Slate Co., Bangor, Pa.
Bangor Crescent Slate Co., Bangor, Pa.
Bangor Slate Mining Co., Bangor, Pa.
Bash, Chas. (Mfrs.' Agt), 101 Tremont, Boston, Mass.
Blue Valley Slate Co., Allentown & Slatington, Pa.
Buess, Wm., 316 E 95th, New York
Chicago Slate & Mantel Co., 232 S Clinton Chicago, Ill
Christa, Philip & Sons (Workers), 504 Lafayette, Detroit, Mich.
Cleveland Mantel & Tile Co., 100 Sterling av, Cleveland, O.
Coulman & Westcott, Fair Haven, Vt.
East Bangor Consolidated Slate Co., East Ban-
Fleming Slate Co., Poultney, Vt. gor, Pa.
Franklin Slate Co., 122 Franklin, Phila., Pa.
Great Western Marble Works Co., 1602 Reading Road, Cincinnati, O.
Hahn, Granville, Walnutport, Pa.
Hall, Chas. E. & Co., 62 1st, E. Cambridge.
Hower, J. K., Danielsville, Pa. Mass.
Hydeville Marbleized Slate Mantel Co., Hydeville, Vt.
Illinois Marble Co., Edwardsville, Ill.
Kimes, J. B. & Co., 1822 Filbert, Phila., Pa.
Kirtland, Litchfield & Co., 1123 B'way, New York
Lackawanna Slate Co., Portland, Pa.
Lake Bomoseen Slate Co., Hydeville, Vt.
McKenna, David, Slatington, Pa.
MATHEWS CONSOLIDATED SLATE CO., 199 Wash'n, Boston, Mass. (See adv. index, end of book)
Monson Consolidated Slate Co., Bath, Me., & 27 School, Boston, Mass.
Monson Maine Slate Co., 113 Devonshire, Boston, Mass.
New York Slate Works, 493 138th, New York
North Bangor Slate Co., Bangor, Pa.
Ontalaunee Slate Mfg. Co., Lynnport, Pa.
Peerless Slate Co., Delta, Pa.
Pelican Slate Mfg. Co., Wind Gap, & Pottstown, Pa.
Pelkey, W. H. (Unfading Green), Fair Haven, Vt.
Penna. Structural Slate Co., Easton, Pa.
Penrhyn Slate Co., 493 E 138th, New York
Rutland Marble Mfg. Co., Rutland, Vt.
Schilling Co., 43 Eagle, Albany, N. Y.
Scotch Hill Slate Co., Fair Haven, Vt.
Sherman & Flavin, 2513 State, Chicago, Ill.
Slatington-Bangor Slate Syndicate, Slatington. Pa.
Slatington Slate Co., Slatington, Pa., & 181 B'way, N. Y.
Taylor, Wm. H., Mantel & Grate Co., Columbus, O.
Troy Bros. & Co., 91 Haverhill, Boston, Mass.
Unger, Jno. F., Slatington, Pa., & 1006 Mount Vernon, Phila., Pa.
Washington Slate Co., Slatington, Pa.
Williams Slate Co., Arvonia, Va.
Woodley Slate Co., East Bangor, Pa.

Slate Vault Lining

(See Burial Cases & Vaults, Slate.)

Slaters' Felt

(See Felts, Roofing.)

Slates (School)

Gardner, Jno., Portland, Pa.
McKenna, David, Slatington, Pa.
National School Slate Co., Bethlehem, Pa.
Wise School Slate Co., Bangor, Pa.
Wise, Jos. H., Portland, Pa.
Wise, J. & Co., Portland, Pa.

Slating & Roofing Nails

(See Nails, Roofing & Slating.)

Slats (Bath Tub)

Wolverine Brass Works, Grand Rapids, Mich.

Sled Mfrs.

Allen, S. L. & Co. (Flexible Flyer), 1107 Market, Phila., Pa.

Sledge Mfrs.

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Atha Tool Co., Newark, N. J.
Evansville Tool Works (Coal, Blacksmith's, Stone, etc.), Evansville, Ind.
Hammond, C. & Son, Ogontz, Pa.
Hardsocg, Martin Mfg. Co., Ltd. (Coal), Allegheny, Pa.
Heller Bros. Co., 879 Mt. Prospect av, Newark, N. J.
Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Iron City Tool Works (Solid Cast Steel), 32d & Smallman, Pittsburg, Pa.
Klein-Logan Co., S 13th & Breed, Pittsburg, Pa.
Mack & Co., Rochester, N. Y.
Pittsburg Tool & Drop Forge Co. ("Chesswick," Miners', Blacksmiths', etc.), Arrott bldg, Pittsburg, Pa. Works, Chesswick, Pa.
Plumb, Fayette R. (Inc.), Frankford, Philadelphia, Pa.
Solid Steel Tool & Forge Co. ("S. T. S." Blacksmiths', Quarry & Stone, etc.), Farmers' Bank bldg, Pittsburg, Pa.
Union Drop Forge Co. (Drop Forged), 66 E Ohio, Chicago, Ill.
Verona Tool Works, Verona, Pa., & Pittsburg, Pa.
Warwood Tool Co., Wheeling, W. Va.

Sleds (Bob)

Barber Mfg. Co. (Oscillating), Ashtabula, O.

Sleeves (Leak Repairing)

Kellogg, Robt. M., Metuchen, N. J.

Sleeves & Tees for Underground Construction

McIntire, C. Co., Newark, N. J.

Slicers (Vegetable)

Landers, Frary & Clark, New Britain, Conn.

Slide Rests for Lathes

Bartlett, Edwin E., 364 Atlantic av, Boston, Mass.
Reed, F. E. Co., 120 Gold, Worcester, Mass.

Slings (Hay)

Goshen Mfg. Co. ("Hercules"), Goshen, Ind.
Harvard Hay Tool Co., Harvard, Ill.
Hunt, Helm, Ferris & Co., Harvard, Ill.
Louden Machinery Co., Fairfield, Ia.
Milwaukee Hay Tool Co., Milwaukee, Wis.
Myers, F. E. & Bro., Ashland, O.
Ney Mfg. Co., Canton, O.
Ney, V. L. Co., Canton, O.
Porter, J. E. Co. (Centre Grip), Ottawa, Ill.
Ricker, W. G., Rochester, N. Y.
Rock River Machine Co., Janesville, Wis.
Whitman & Barnes Mfg. Co., Akron, O.; West Pullman, Chicago, Ill., & 111 Chambers, N. Y.
Wisconsin Hay Tool Co., Ottawa, Ill.

Slitting Machines

(See Machines, Slitting.)

Slotting Machines

(See Machines, Slotting.)

Sluice Gates

(See Gates, Sluice.)

Smelters & Refiners

(See also Babbitt Metal.)

Ajax Metal Co., 48 Richmond, Phila., Pa., & Birmingham, Ala.
American Smelting & Refining Co., 138 E Jackson boul, Chicago, Ill., & 71 B'way, N. Y.
Atlas Smelting & Refining Co., 1008 Gtn av, Phila., Pa.
Balbach Smelting & Refining Co., Newark, N. J.
Brooklyn Smelting & Refining Works, 375 Driggs av, Brooklyn, N. Y.
Chicago Metal Reduction Co., Great Northern bldg, Chicago, Ill.
Colonial Refining Co., 934 N 3d, Phila., Pa.
Columbia Smelting & Refining Works, 366 West, N. Y.
Cornell & Andrews Co., Meriden, Conn.
Cowles Electric Smelting & Aluminum Co. (Aluminum, Silicon, Manganese, Alloys), Lockport, N. Y.
Dee, Thos. J. & Co., 69 Wash'n, Chicago, Ill.
Deutsch, N. & Co., 552 S Canal, Chicago, Ill.
Essex Smelting & Refining Works, 476 E Houston, N. Y.
Federal Lead & Zinc Smelting Co. (Lead & Zinc), Joplin, Mo., & Arrott bldg, Pittsburg, Pa.
Goldsmith Bros., 65 Wash'n, Chicago, Ill.
Great Western Smeltnig & Refining Co., 173 W Kinzie, Chicago, Ill.
Hatthiessen & Hegeler Zinc Co., La Salle, Ill.
Higginbotham, Z. F. & Sons (Lead), Fertile, Mo.
Honkamp Bros., 39th & Clark, Chicago, Ill.
Hooks Smelting Co., Broad & Hamilton, Phila., Pa.
Illinois Smelting & Refining Co., Kinzie & Peoria, Chicago, Ill.
Illinois Zinc Co., Peru, Ill.
India Refining Co., 99 Randolph, Chicago, Ill.
International Smelting & Refining Co., Real Estate Trust bldg, Phila., Pa.
Lelong, L. & Bro., 345 Halsey, Newark, N. J.
Lissberger, B. & Co., 742 E 14th, N. Y.
Lissberger, Marks & Son, 397 W 12th, N. Y.
Loraine Smelting & Refining Co., 115 Dearborn, Chicago, Ill.
Louisville Smelting Works, Louisville, Ky.
McDonald, Jas. & Sons Co., 654 Main, Cincinnati, O.
McHattan Smelting Co., 1500 Wash'n av, Phila. Pa.
Matthiessen & Hegeler Zinc Co., La Salle, Ill.
Monarch Metal Co., 156 S Lincoln, Chicago
Nassau Smelting & Refining Works, 607 W 29th,
National Lead Co., 100 William ,N. Y.; 1510 State, Chicago, Ill., & St. Louis, Mo.
National Smelting & Refining Works (H. Heppenheimer, Prop.), 419 Marcy av, Brooklyn. N. Y.
New Jersey Zinc Co., 71 B'way, New York
Orford Copper Co., 43 Exchange pl, N. Y.
Pacific Coast Smelting & Refining Works (Smelters & Refiners of Copper, Gold & Silver Ores), 310 Pine, San Francisco,
Pearl Smelting & Refining Works, 812 Washington av, Phila., Pa.
Reeves, Paul S. & Son, 1413 Catherine, Phila., Pa.
Riverside Metal Refining Co., Inc., Connellsville, Pa.
Star Refining Co., 50 State, Boston, Mass.
Tottenville Copper Co., Tottenville, N. Y.
Williams, E. A. & Son, Jersey City, N. J.
Woodfall Bros., 1105 Fairmount av, Phila., Pa.

Smoke Consumers

(See Fuel Economizers.)

Smoke Jacks (Round House)

Dickinson, Paul (Cast Iron), 5th av & Madison, Chicago, Ill.

*Smoke Stacks

WEBER STEEL-CONCRETE CHIMney Co., National Life bldg, Chicago, Ill. (See adv. index, end of book)

Smoke Stacks (Steel)

(See also Chimneys Various Kinds.)

Abendroth & Root Mfg. Co., 99 John, N. Y., & Newburgh, N. Y.
Allen, Wm. & Sons Co., Worcester, Mass.
Aurora Boiler Works ("Self-Supporting Steel"), Aurora, Ill.
Bartlett, Hayward & Co., Baltimore, Md., & 100 B'way, N. Y.
Bridgeport Boiler Works, Bridgeport, Conn.
Bryan, E. A. Co. (Steel), 1st Nat'l Bank bldg, Chicago, Ill. Works, Harvey, Ill.
Burns Boiler & Mfg. Co., West De Pere, Wis.
Carroll, Porter Boiler & Tank Co., Empire bldg, Pittsburg, Pa., & Wellsville, Pa.
CHICAGO BRIDGE & IRON WORKS (Horace E. Horton, Prop.) (Self Supporting), W 105th & Throop, Chicago, Ill. (See adv. index, end of book)
Clarendon Boiler Works, Clarendon, Pa.
Coatesville Boiler Works, Coatesville, Pa., & Fidelity bldg, Phila., Pa.
Cooper, C. & G. Co., Mt. Vernon, O.
CYCLOPEAN IRON WORKS (Jones & Harold), 402-404 Claremont av, Jersey City, N. J. (See adv. index, end of book)
Detroit Ship Building Co. (Brass Dept.), Detroit. Mich.
DuBois Iron Works, DuBois, Pa.
East Jersey Pipe Co., Paterson, N. J.
Edge Moor Iron Co. (Steel), Wilmington, Del.
Enterprise Boiler Co., Youngstown, O.
Fitzgibbons Boiler Co., Oswego, N. Y.
Freeman, S. & Sons Mfg. Co., Racine, Wis.
Gem City Boiler Co., Dayton, O.
Girard Boiler & Mfg. Co., Girard, O.
Hammond Iron Works, Warren, Pa.
Harlan & Hollingsworth Co., Wilmington, Del.
Harrisburg Mfg. & Boiler Co., Harrisburg, Pa., & 95 Liberty, N. Y.
Hartley Boiler Works, Montgomery, Ala.
Heilman Boiler Works, Allentown, Pa.
Honhorst, Jos. & Co., 525 E Pearl, Cincinnati, O.
Hughes & Stewart, Continental bldg, Denver, Colo.
Jarvis Engine & Machine Works, Lansing,
Jones & Harold, Jersey City, N. J. Mich.
Keeler, E. Co., Williamsport, Pa.
Kendall, Edward & Son, Cambridgeport, Mass.
Kewanee Boiler Co., Kewanee, Ill.
King Bridge Co., Cleveland, O.
Koven, L. O. & Bro., 50 Cliff, N. Y.
Lacy Mfg. Co., Los Angeles, Cal.
Lappan, Jas. Mfg. Co., 20th & Pike, Pittsburg, Pa.
Lewis, H. B., 45 Jos. Campau, Detroit, Mich.
Lindsay, W. W. & Co., 1502 Market, Phila.,
Littleford Bros. (Steel), 453 E Pearl, Cincinnati, O.
McAdams, Jno., Tioga nr Richmond, Phila.,
McDermott Bros., Allentown, Pa. Pa.
McNeil, Jas. & Bro. Co., 29th & A. V. Ry., Pittsburg, Pa.
Means & Fulton Iron Works, Birmingham, Ala.
Meehan Boiler & Construction Co., Lowellville,
Michelmann Boiler Co., Quincy, Ill. Ohio
Milwaukee Boiler Co., 220 Ogden, Milwaukee, Wis.
MINNEAPOLIS STEEL & MACHINery Co., Minneapolis, Minn. (Sec adv. index, end of book)
Munroe, R. & Sons Mfg. Co., 23d & Smallman, Pittsburg, Pa.
Murray Iron Works Co., Burlington, Ia.
Muskegon Boiler Works, Muskegon, Mich.
National Boiler Works, 60 Fulton, Chicago, Ill.
Newbold, R. S. & Son Co., Norristown, Pa.
Oil City Boiler Works (Inc.), Oil City, Pa., & 39 Cortlandt, N. Y.
Pennsylvania Boiler Works, Erie, Pa.
PETROLEUM IRON WORKS CO., Washington, Pa., & Farmers' Bank bldg, Pittsburg, Pa. (See adv. index, end of book)
Pfeiffer, Chris. Boiler Co., 70 Michigan, Chi-
Phoenix Iron Works Co., Meadville ,Pa. cago
Pollock, Wm. B. Co., Youngstown, O.
Porter Foundry & Mach. Co., Allegheny, Pa.
Portland Co., Portland, Me.
Power & Mining Machinery Co. (Self-Supporting Steel Stacks), 52 William, N. Y. Works, Cudahy, Wis.
Rarig Engineering Co. (Self-Supporting Draft), Columbus, O.
Reeves Bros. Co. (Self-Supporting), Alliance, O.
Ricard Boiler & Engine Co., Toledo, O.
Reilly & Fearson, 1162 N 3d, Phila., Pa.
Roberts Iron Works Co., Cambridgeport, Mass.
Riter-Conley Mfg. Co., 56 Water, Pittsburg, Pa., & 39 Cortlandt, N. Y.
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)
Sharkey & Peck, 1175 W 18th, Chicago, Ill.
Sotter Bros., Pottstown, Pa.
Southern Engine & Boiler Works (Inc.), Jackson, Tenn.
Springfield Boiler & Mfg. Co., Springfield, Ill.
Star Boiler Works, Clinton, Ia.
Stewart Jail Works Co., 716 E 3d, Cincinnati, O.
Struthers-Wells Co. (Self Supporting), Warren, Pa.
Tippet & Wood, Phillipsburg, N. J.
Turl's, Jno. Sons (Inc.), 534 W 28th, N. Y.
Union Boiler & Mfg. Co., Lebanon, Pa.
Union Iron Works, Erie, Pa.
Unoin Machine & Boiler Co., 108 River, Cleveland, O.
Vance Boiler Works, Geneva, N. Y.
Variety Iron Works Co., Cleveland, O.
Vogt, Henry Machine Co., Louisville, Ky.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Warren City Boiler Works, Warren, O.
WEBER STEEL-CONCRETE CHIMney Co., National Life bldg, Chicago, Ill. (See adv. index, end of book)
White, Robt. Engineering Works, Brooklyn,
Wickes Bros., Saginaw, Mich. N. Y.
York Mfg. Co., York, Pa.

Smoke Stacks (Self-Supporting)

(See Chimneys, Steel)

Smoke Test Machines

(See Machines, Smoke Testing.)

Snaps (Hitching)

Owen & Nelson, South Bend, Ind.

Snaps (Rivet)

Solid Steel Tool & Forge Co. ("S. T. S."), Farmers' Bank bldg, Pittsburg, Pa.

Snaps (Swivel)

Greystone Mfg. Co. (Solid Steel), Greystone, Conn.

Snips (Tinners')

Acme Shear Co. (Tinncrs' Shears), Bridgeport, Conn.
Bernz, Otto (Tinners' Snips), S 13th cor S Orange av, Newark, N. J.
Heinisch's, R. Sons Co. (Tinners), Newark, N. J.
International Cutlery Co. ("Star"), Fremont, O.
National Cutlery Co. (Tinners), 3d & Lehigh av, Phila., Pa.
NIAGARA MACHINE & TOOL Works, Buffalo, N. Y. (See adv. index, end of book)
Penn Metal Ceiling & Roofing Co. (Ltd.), 23d & Hamilton, Phila., Pa.
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)
Stortz, Jno. & Son, 210 Vine, Phila., Pa.
Wiss, J. & Sons Co., Newark, N. J.

Snow Guards

(See Roof Snow Guards.)

Snow Plows

(See Plows, Snow.)

Soap (Harness)

Miller, Frank Co., 349 W 26th, New York

Soapstone

Alberene Soapstone Co., 392 Pearl, New York; 162 Dover, Boston, Mass., & 60 N Clinton, Chicago
Cohutta Talc Co. (Brick, Foundry Facings, Crayons, Pencils, etc.), Spring Place, Ga.
Troy Bros. & Co., 91 Haverhill, Boston, Mass.
Union Soapstone Co., 14 Marshall, Boston, Mass.
Virginia Soapstone Co. (Kitchen Sinks, Laundry Tubs, Slabs, Hearths, etc.), Schuyler, Va.

Soapstone (Brick Foundry Facings, Etc.)

Doggett, Stanley, 101 Beekman, New York

Soapstone (Concrete Dressing)

American Soapstone Finish Co. (Crushed, Ground & Bolted), Chester Depot, Vt.

Soapstone for Lubricants

Atlas, M. & M. Co., Lincoln, N. J., & 82 Pearl, New York
Doggett, Stanley, 101 Beekman, New York
McIlvaine Bros., 1500 Hamilton, Phila., Pa.

Socket Bushings (Rubber)

Goodrich, B. F. Co., Akron, O.
Republic Rubber Co., Youngstown, O.

Sockets (Drill)

Billings & Spencer Co., Hartford, Conn.
Cleveland Twist Drill Co., Cleveland, O.
Imperial Bit & Snap Co., Racine, Wis.
Morse Twist Drill & Machine Co., New Bedford, Mass.
National Twist Drill & Tool Co. ("National," Taper Shank Sockets & Sleeves), Detroit, Mich.
New Process Twist Drill Co., Taunton, Mass.
Oneida Community (Ltd.), Niagara Falls, N. Y.
Standard Tool Co., 1260 Central av, Cleveland, O.

Sockets (Electric Lamp)

American Electrical Supply Co. (for Candelabra & Sign Lamps), 10 E Pratt, Baltimore, Md.
Bernstein Electric Mfg. Co., 286 Roxbury, Boston, Mass.
Bryant Electric Co., Bridgeport, Conn.
Johns, H. W.-Manville Co., 100 Williams, N. Y., & Milwaukee, Wis.
Kinsman Electric & Railway Supply Co. ("Hubbell Pull"), 91 Liberty, New York
Marshall-Sanders Co. (Incandescent), 301 Congress, Boston, Mass.
Paiste, H. T. & Co., 3101 Ludlow, Phila., Pa.
Pass & Seymour, Solvay, Syracuse, N. Y.
Perkins Electric Switch Mfg. Co., Bridgeport, Conn.
Peru Electric Mfg. Co., Peru, Ind.
Sawyer-Man Electric Co., Allegheny, Pa., & 510 W 23d, N. Y.
Yost Electric Mfg. Co., Toledo, O.

Sockets (Wire Rope)

TERRY & TENCH CO., Lexington av & 131st, New York. (See adv. index, end of book)

Soda Ash

Columbia Chemical Co., Frick bldg Pittsburg, Pa., & Barberton, O.
Michigan Alkali Co., Wyandotte, Mich.
Solvay Process Co., Syracuse, N. Y., & Detroit, Mich.

Sodium Sulphide

United Zinc & Chemical Co., Kansas City, Mo. Works, Argentine & Iola, Kans.

Soil Pipe & Fittings

(See Cast Iron Soil Pipe & Fittings.)

Solder Mfrs.

American Metal Co., 52 B'way, N. Y.
BERGER MFG. CO., Main Office & Works, Canton, O. Branches: 23 Lake, Chicago, Ill.; 623 N Main, St. Louis, Mo.; 210 E 23d, N. Y.; 1215 Filbert, Phila., Pa., & 176 Federal, Boston, Mass. (See adv. index, end of book)
Blatchford, E. W. & Co., 70 N Clinton, Chicago, Ill.
Boston Lead Mfg. Co., 162 Congress, Boston, Mass.
Brady Brass Co., 204 10th, Jersey City, N. J.
Butler, Sam'l & Co., 549 Atlantic av, Boston, Mass.
Bruce & Cook, 186 to 190 Water, N. Y.
Chadwick-Boston Lead Co., 182 Franklin, Boston, Mass.
Clum & Atkinson, 575 Lyell, Rochester, N. Y.
Columbia Smelting & Refining Works 366 West, Colwell Lead Co., 63 Centre, N. Y. N. Y.
Crane-Hawley Co., Court & Sycamore, Cincinnati, O.
Creswell, Joseph Mfg. Co., 1624 Blake, Denver, Col.
Delaware Metal Refinery, 18th c Wash'n av, Phila., Pa.
Detroit Lead Pipe & Sheet Lead Works, 57 2d, Detroit, Mich.
Eagle Smelting & Refinig Works (Wire Segment, Bar, Drop & Caffing Triangle, etc.), 738 E 14th, New York
Graham, Jas. & Co., New Haven, Conn.
Great Western Smelting & Refining Co., 173 W Kinzie, Chicago, Ill.
Hendricks Bros. (Plumbers & Brazers), 49 Cliff, N. Y.
Hiertz, Theo. & Son, St. Louis, Mo.
Huenefeld, E. H., 225 E 9th, Cincinnati, O.
Illinois Smelting & Refining Co., cor Kinzie & Peoria, Chicago, Ill.
Kahn Bros., 525 E 19th, N. Y.
Koch & Fox, 22d & Glenwood av, Phila., Pa.
Kramer, H. & Son, 401 S Canal, Chicago, Ill.
Lang, E. M. Co. (Wire, Drop & Stick), Portland, Me.
Lausten Lead Works, 78 Pratt, Chicago, Ill.
Leroy Shot & Lead Works, 261 Water, N. Y.
Lewis, Jno. T. & Bro. Co., 231 S Front, Phila.,
Lissberger, B. & Co. (for All Purposes), 738 E 14th, N. Y.
Lissberger, Marks & Son, 397 W 12th, N. Y., & 375 Driggs av, Brooklyn, N. Y.
McDonald, Jas. & Sons Co., 654 Main, Cincinnati, O.
McLaughlin's, P. Sons, 230 N 12th, Brooklyn, N. Y.
Merchant & Co. (Inc.), 517 Arch, Phila. Pa.
Millar, Charles & Son Co., Utica, N. Y.
More-Jones Brass & Metal Co., 3138 N B'way. St. Louis, Mo.
Nassau Smelting & Refining Works, 607 W 29th, N. Y.
National Brass & Metal Co., 256 3d av, S. Minneapolis, Minn.
National Lead Co., 100 William, N. Y.
North American Smelting Co., 9th c Thompson, Phila., Pa.
Pacific Metal Works, San Francisco, Cal., & Portland, Oreg.
Pearl Smelting & Refining Works, 812 Wash'n, av, Phila., Pa.
Pierce, Butler & Pierce Mfg. Co., Syracuse. N. Y.; 254 4th av, N. Y.; 24 S 7th, Phila., Pa., & 50 Oliver, Boston, Mass.
Powell, W. G. & Co., Bridgeport, Conn.
Raymond Lead Co., 59 W Lake, Chicago, Ill.
Richards & Co. (Inc.) 60 Union, Boston, Mass.
Rochester Lead Works, 382 Exchange, Rochester, N. Y.
Rumsey, L. M. Mfg. Co., 806 N Main, St.
Sanborn, Jno., 217 Water, N. Y. Louis, Mo.
Schultz, A. & Co. (Wire, Drop, etc.), 1016 E Balto, Baltimore, Md.
Selby Smelting & Lead Co. (Wiping, Wire, Bar, Strip, Drop, etc.)
Shepard, Sidney & Co., Buffalo, N. Y., & 21 Cliff. N. Y.
Star Refining Co., 50 State, Boston, Mass.
Syracuse Smelting Works, Syracuse, N. Y.
Tatham & Bros., 82 Beekman, N. Y., & 223 S 5th, Phila., Pa.
United Lead Co., 71 B'way, New York
United Wire & Supply Co. (Silver), Providence. R. I.
Williams, E. A. & Son, 107 Plymouth, Jersey City, N. J.
Windsor Mfg. Co., 570 Clinton, Milwaukee, Wis.
Woodfall Bros. (Plumbers, Canners, Tinners, etc.), 1105 Fairmount av, Phila., Pa.

Soldering Coppers

Ansonia Brass & Copper Co., Ansonia, Conn., & 99 John, N. Y.
Ayars Machine Co. (For Canning Factories, etc.), Salem, N. J.
Clendenin Bros., 111 S Gay, Baltimore, Md.
Covert Mfg. Co., West Troy, N. Y.
Eureka Tempered Copper Works, Northeast, Pa.,
HUNGERFORD, U. T. BRASS & COPPER CO., 497 Pearl, N. Y.
Hussey, C. G. & Co., 2850 2d av, Pittsburg, Pa.
Isele, A. W. & Son, 51 Pitts, Boston, Mass.
McArthur, Archibald, Kearney, N. J.
Mansfield Tempered Copper Co., Mansfield, O.
New Haven Copper Co., Seymour, Conn., & 114 Chambers, N. Y.
NIAGARA MACHINE & TOOL WORKS, Buffalo, N. Y. (See adv. index, end of book)
Osborne, C. S. & Co., 96 Mechanic, Newark, N. J.
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 27 Murray N. Y.
Stover Mfg. Co., 165 River, Freeport, Ill.
Stortz, Jno. & Son, 210 Vine, Phila., Pa.
Taunton-New Bedford Copper Co., New Bedford & Taunton, Mass.

Soldering Fluid

(See also Soldering Paste, etc.)

Callahan, Geo. & Co. (Non-Corrosive), 218 Front, N. Y.
Elliott Co. (Non-Corrosive), 100 Purchase, Boston, Mass.
Winn, Wm. R. ("Non-Corrosive"), 143 Maiden lane, New York

Soldering Frames & Cylinders

Leffler, Chas. & Co. (For Can Makers), 63 Clymer, Brooklyn, N. Y.

Soldering Furnaces

(See Plumbers' & Tinners' Furnaces.)

Soldering Irons (Electric)

American Electric Heating Corporation, Cambridgeport, Mass.
American Electrical Heater Co., 195 River, Detroit, Mich.
Arcade Mfg. Co., Freeport, Ill.
Hadaway Electric Heating & Engineering Co., 136 Liberty, N. Y.
Southern Electric Co., 203 E Fayette, Baltimore, Md.
Star Electric Co., Binghamton, N. Y.
United Electric Heating Co., 260 Randolph, Detroit, Mich.

Soldering Irons (Self Heating)

Ams, Max Machine Co. (For Canners, etc.), 372 Greenwich, New York

Soldering Paste, Salts & Stick

Allen, L. B. Co. (Stick, Paste & Salts), 1335 Columbia av, Chicago, Ill.
Ashley, T. C. & Co., 54 High, Boston, Mass.
Atlantic Chemical Works ("Victor"), 9 Seabring, Brooklyn, N. Y.
Benson, A. R. (Yeager's Salts), Hudson, N. Y.
Burnley Battery & Mfg. Co. (Paste & Stick), Painsville, O.
Chase & Bissell ("Peerless" Stick), Versailles, Pa.
Chisholm, A. ("Peerless" Fluid), 2742 Madison, St. Louis, Mo.
Callahan, Geo. & Co. (Fluid), 218 Front, N. Y.
Cochrane Chemical Co. (Flux), Boston, Mass.
Crescent Co., 134 Van Buren, Chicago, Ill.
General Chemical Co. (Salts & Solutions), 25 Broad, N. Y.

Grasselli Chemical Co. (Flux Only), 184 Arcade, Cleveland, O.
Highland Electro Chemical Mfg. Co. (Insulating Soldering Paste), Connellsville, Pa.
Hubbs-Near Electrical Mfg. Co. ("Electra" Paste), Butler, O.
K. & W. Co. (Paste & Stick), Pittsfield, Mass.
Kester Electric Mfg. Co. (Solder, Self-Fluxing Drop or Stick), 251 S Jefferson, Chicago, Ill.
Manhattan Electric Supply Co., 38 Cortlandt, N. Y.
Necly Electric Co. ("Neco"), Washington, D. C.
Paragon Insulating Co., Erie R. R., nr Forest, Cleveland, O.
Reade Mfg. Co. (Fluid), 542 W 22d, N. Y.
Schneider, Emil (Salts), 541 Riveride av, Newark, N. J.
Schultz, A. & Co. (Fluid), 1016 E Balto, Baltimore, Md.
Standard Electric Construction Co. (Freeman's Paste), 14 N Water, Rocester, N. Y.

Sorters (Bean)

Bacon Mfg. Co., Pontiac, Mich.
Johnson & Field Mfg. Co., Racine, Wis.

Sorters (Potato)

Aspinwall Mfg. Co. ,Jackson, Mich.
Hoover-Prout C., Avery, O.

*Sounding Boards for Pulpits

Holwell, J. J. & Son, 275 Oakland, Brooklyn, N. Y.

Sounding Lines (Deep Sea)

AMERICAN STEEL & WIRE CO., The Rookery, Chicago; 21 State, N. Y.; Cleveland, O., & San Francisco, Cal. (See adv. index, end of book)

Sowers (Hand Seed)

Allen, S. L. & Co. (Planet, Jr.), 1017 Market, Philadelphia, Pa.
Ames Plow Co., Quincy Hall, Boston, Mass.
Bachelor, S. W., Goshen, Ind.
Champion Seeder Co., Urbana, Ind.
Christen, F. & Son ("Premier" Broadcast), St. Louis, Mo.
Everett, J. A. (Broadcast), Indianapolis, Ind.
Foster, C. A. (Broadcast), Elkhart, Ind.
Goodell Co., Antrim, N. H.
Humphrey & Sons (Broadcast), Joliet, Ill.
Mast, P. P. & Co., Springfield, O.
Pratt, Wm. E. Mfg. Co., 91 Lake, Chicago
Rittenhouse, S. B. (Broadcast), S Bend, Ind.
Trojan Mfg. Co. (Broadcast), South Bend, Ind.
Whitman Agricultural Co., 6900 S B'way, St. Louis, Mo.
Whitman & Barnes Mfg. Co. ("Pierce" "Cyclone" "Chicago"), West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, N. Y.

Sowers (Plaster)

Empire Drill Co., Shortsville, N. Y.
Foster & Williams Mfg. Co., Racine, Wis.
Williams Bros. (Broadcast Plaster or Grain), Ithaca, N. Y.

Sowers & Drills (Hand Seed Garden)

Allen, S. L. & Co. (Planet, Jr.), 1017 Market, Philadelphia, Pa
Ames Plow Co., Quincy Hall, Boston, Mass.
Bacon Mfg. Co. (Seed Drills), Pontiac, Mich.
Bateman Mfg. Co., Grenloch, N. J.
Buckley, R. C. (Garden Drills), Peoria, Ill.
Deere & Mansur Co. (Garden Seeders), Moline.
Everett, J. A., Indianapolis, Ind. Ill.
Genung, W. H. & Son (Iron King), Madison, O.
Jelliff, C. O. & Co. (Onion Seed, Drills, etc.), Southport, Conn.
Keller Mfg. Co. (Seeder), Albany, Pa.
Whitman & Barnes Mfg. Co. ("Pearce," "Cyclone," "Chicago"), West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, N. Y.

Sowers & Seeders

(See Sceders & Sowers.)

Spade Mfrs

(See Shovel & Spade Mfrs.)

Span Wire or Rising Forks

(See Forks, Rising.)

Speaking Tubes

Berger Bros. Co., 237 Arch, Phila., Pa.
BERGER MFG. CO., Main Office & Works, Canton, O. Branches: 23 Lake, Chicago, Ill.; 623 N Main, St. Louis, Mo.; 210 E 23d, N. Y.; 1215 Filbert, Phila., Pa., & 176 Federal, Boston, Mass. (See adv. index, end of book)
Ivins, Ellwood (Seamless), Oaklane Station, Phila., Pa., & 487 B'way, N. Y.
Lamb & Ritchie, Cambridgeport, Mass.
Ostrander, W. R. & Co., 22 Dey, N. Y.
Van Wagoner & Linn Construction Co., 27 W 24th, N. Y.
Walsh, Owen Mfg. Co., 19 Roosevelt, N. Y.

Specifications for Architects & Builders

SOLTMANN, E. G. (Also everything for the Architect, Engineer & Draughting Room), 125 E 42d, New York. (See adv. index, end of book)

Speed Limits

CONSOLIDATED ENGINE STOP CO. (Automatic "Monarch"), 100 B'way, New York. (See adv. index, end of book)

Speed Recording (Railway)

Railway Speed Recorder Co , Kent, O.

Speed Transmission (Reeves Variable System of)

Reeves Pulley Co., Columbus, Ind.

Spelter Mfrs.

American Smelting & Refining Co., 71 B'way. N. Y.
American Metal Co. (Ltd.), 52 B'way, N. Y.
Behr & Steiner, 81 Fulton, N. Y.
Blatchford, E. W. & Co., 70 N Clinton, Chicago, Ill.
Butter, Sam'l & Co., 549 Atlantic av, Boston, Mass.
Cherokee Lanyon Spelter Co., Springfield, Mo. Works, Gas City, Kans.
Edgar Zinc Co., Cherryvale, Kans.
Eagle Zinc Co., Cherryvale, Kans.
Granby Mining & Smelting Co., St. Louis, Mo. Works, Granby, Mo.
Great Western Smelting & Refining Co., 179 W. Kinzie, Chicago, Ill.
Hayman, Mich'l & Co., Buffalo, N. Y.
Hendricks Bros., 49 Cliff, N. Y.
Hiertz, Theo. Metal Co., Tenn. av & Poepping. St. Louis, Mo.
Illinois Smelting & Refining Co., cor Peoria & Kinzie, Chicago, Ill.
Illinois Zinc Co., Peru, Ill.
Latourette, Jas., Marion, Ind.
Lanyon Zinc Co., Carlton bldg, St. Louis, Mo., & 220 B'way, N. Y. Works, Iola, Kans.
Matthiessen & Hegeler Zinc Co., La Salle, Ill.
Mineral Point Zinc Co., 204 Dearborn, Chicago
New Jersey Zinc Co. ("Horsehead"), 71 B'way, N. Y.
Raymond Lead Co., 51 W Lake, Chicago, Ill.
Sandoval Zinc Co., 122 N Peoria, Chicago, Ill. Works, Sandoval, Ill.
Trench, C. S. & Co., 81 Fulton, N. Y.
Trotter, Nathan & Co., 36 N Front, Phila., Pa.
United Zinc & Chemical Co., Kansas City, Mo. Works, Argentine & Iola, Kans.
Vogelstein, L., 90 Wall. N. Y.
Woodfall Bros., 1105 Fairmount av, Phila., Pa.

Spice Mills

BROWN, A. & F. CO., 25 Dey, New York. Works, Elizabeth, N. J. (See adv. front colored page)

Spiegel Silico

Dana & Co., 32 B'way, N. Y.
LEAVITT, C, W. & CO., 15 Cortlandt, N. Y. (See adv. index, end of book)

Spiegeleisen

Carnegie Steel Co., Pittsburg, Pa.; Penna. bldg, Phila., Pa.; The Rookery, Chicago, & 71 B'way, N. Y.
Colorado Fuel & Iron Co., Denver, Col., & 71 B'way, N. Y.
Crocker Bros. (German), 99 John, N. Y., & Penna. bldg, Phila., Pa.
Dana & Co. (English & German), 32 B'way, N.Y.
LEAVITT, C. W. & CO. (English & German), 15 Cortlandt, N. Y. (See adv. index, end of book)
New Jersey Zinc Co., 71 B'way, N. Y.
Samuel, Frank (Firm of), 1502 Market, Phila., Pa.
Tennessee Coal, Iron & Railroad Co., Birmingham, Ala.

Spike Machinery

(See Machinery, Spike.)

Spike Mfrs.

Under this heading see Sub-Classifications.

Allentown Rolling Mills, Allentown, Pa.
American Iron & Steel Mfg. Co., Lebanon, Pa.
AMERICAN STEEL & WIRE CO., (Wire), The Rookery, Chicago; 21 State, New York; Cleveland, O., & San Francisco, Cal. (See adv. index, end of book)
Ames, W. & Co., 312 Wash'n, Jersey City, N. J.
Baltimore Galvanizing & Spike Works, 207 Hughes av, Baltimore, Md.
Colorado Fuel & Iron Co., Denver, Col., & 71 B'way, N. Y.
Davis Bros., N 29th & Bristol, Phila., Pa.
Diamond State Steel Co., Wilmington. Del.;
Dilworth, Porter & Co., German Nat'l Bank bldg, Pittsburg, Pa., & 127 Duane, N. Y.
Duncannon Iron Co., 122 Race, Phila., Pa., & Duncannon, Pa.
Godcharles, F. A. Co. (Cut), Milton, Pa.
Green Ridge Iron Works, Scranton, Pa.
Greer Spike Co., 303 Dearborn, Chicago, Ill.
Hollidaysburg Iron & Nail Co. (Cut), Hollidaysburg, Pa.
Hoopes & Townsend Co., 1330 Buttonwood, Phila., Pa.
Jones & Laughlin Steel Co., Pittsburg, Pa.
Judson Mfg. Co., San Francisco, Cal.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kelly Nail & Iron Co. (Cut), Ironton, O.
La Belle Iron Works, Steubenville, O., & Wheeling, W. Va.
Lanz, Matthew & Sons, 101 S 29th, Pittsburg, Pa.
Norton Iron Works (Inc.), Ashland, Ky. Va.
Old Dominion Iron & Nail Works Co., Richmond, Va.
Penn Iron Co., Lancaster, Pa.
Phillips, Townsend & Co., 4th & Glenwood av, Phila., Pa.
Pottsville Bolt Co., Pottsville, Pa.

Republic Iron & Steel Co., general offices, 1st Nat'l Bank bldg, Chicago. District sales offices: Buffalo, Cleveland, O.; Birmingham, Ala.; 64 B'way, N. Y.; St. Louis, Mo.; St. Paul, Minn.; Pittsburg, Pa., & Cincinnati, O.
Severance, S. Mfg. Co., Murtland bldg, Pittsburg, Pa.
Sheffield Rolling Mill Co., Sheffield, Ala.
Sylvester Co., 70 Kilby, Boston, Mass.
Timmes & Hecht, Scranton, Pa., & 283 N 6th, Brooklyn, N. Y.
Tredegar Co., Richmond, Va.
Van Alen & Co. (Cut All Sizes), Northumberland, Pa.
Weller Rolling Mill & Forge o., Anniston, Ala.
Whecling Steel & Iron Co. (Stecl Cut), Wheeling, W. Va.
Whitaker-Glessner Co. (Steel Only), Wheeling. W. Va.

Spikes (Boat)

(See Spikes, Ship, Dock & Bridge.)

Spikes (Bridge)

(See Spikes, Ship, Dock & Bridge.)

Spikes (Composition, Boat)

Salem Nail Co., 279 Pearl, New York
Taunton-New Bedford Copper Co., Taunton, Mass., & New Bedford, Mass.

Spikes (Countersunk)

Diamond State Steel Co., Wilmington, Del.
Lanz, Matthew & Sons, 101 S 29th, Pittsburg, Pa.

Spikes (Cut)

Brooke, E. & G. Iron Co., Birdsboro, Pa.
Duncannon Iron Co., 122 Race, Phila., Pa., & Duncannon, Pa.
Godcharles, F. A. Co., Milton, Pa.
Holiidaysburg Iron & Nail Co., Hollidaysburg, Pa.
Kelly Nail & Iron Co., Ironton, O.
La Belle Iron Works, Steubenville, O., & Wheeling, W. Va.
Norton Iron Works, Ashland, Ky.
Old Dominion Iron & Nail Works Co., Richmond, Va.
Saicm Nail Co., 279 Pearl, N. Y.
Severance, S. Mfg. Co., Murtland bldg, Pittsburg, Pa.
Timmes & Hecht, Scranton, Pa., & 283 N 6th, Brooklyn, N. Y.
Wheeling Steel & Iron Co., Wheeling, W. Va.
Whitaker-Glessner Co., Wheeling, W. Va.

Spikes (Dock or Wharf)

(See Spikes, Ship or Wharf.)

Spikes (Galvanized)

UNITED GALVANIZING CO., Inc., 525 N Front, Phila., Pa. (See adv. index. end of book)

Spikes (Hand Made)

Davis Bros., 29th & Bristol, Phila., Pa.
Kohlmann's Peter Sons, 875 Lorimer, Brooklyn, N. Y.
Starke, Adolph (Est. of), 441 E 10th, New York
Timmes & Hecht, Scranton, Pa.
Ulmer, Theo. C., 336 Richmond, Phila., Pa.

Spikes (Railroad Track)

Alientown Rolling Mills, Allentown, Pa.
American Iron & Steel Mfg. Co. (Pressed or Rolled Points), Lebanon, Pa.
Ames, W, & Co., 312 Washington Jersey City, N. J.
Colorado Fuel & Iron Co., Denver, Col., & 71 B'way, N. Y.
Davis Bros., N 29th & Bristol, Phila., Pa.
Diamond State Steel Co., Wilmington, Del., & 29 B'way, N. Y.
Dilworth, Porter & Co., German Natl. Bk. bldg, Pittsburg, Pa.
Greer Spike Co., 303 Dearborn, Chicago, Ill.
Illinois Steel Co., Rookery, Chicago, Ill., & 71 B'way, N. Y.
Jones & Laughlin Steel Co., Pittsburg, Pa.
Judson Mfg. Co., San Francisco, Cal.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Penn Iron Co., Lancaster, Pa.
Pottsville Bolt Co., Pottsville, Pa.
Republic Iron & Steel Co., General Offices, 1st Nat'l Bank bldg, Chicago. District Sales Offices, Buffalo, Cleveland, O.; Birmingham, Ala.; Manhattan Life bldg, N. Y.; St. Louis, Mo.; St. Paul, Minn., & Cincinnati, O.
Scranton Boit & Nut Co., Scranton, Pa., & 25 Broad, N. Y.
Sellers Mfg. Co., 27 W Chicago av, Chicago, Ill.
Severance, S. Mfg. Co., Murtland bldg, Pittsburg, Pa.
Shefficld Rolling Mill Co., Sheffield, Ala.
Sylvester Co., 70 Kiiby, Boston, Mass.
Tredegar Co., Richmond, Va.
Weller Rolling Mill & Forge Co., Anniston, Pa.

Spikes (Rubber)

Morgan & Wright, 19 N May, Chicago, Ill.

Spikes (Ship, Dock & Bridge)

American Iron & Steel Mfg. Co., Lebanon, Pa.
AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; 21 State, New York; Cleveland, O., & San Francisco, Cal. (See adv. index, end of book)
Ames, W. & Co., 312 Washington, Jersey City, N. J.
Colorado Fuel & Iron Co., Denver, Col.
Davis Bros., N 29th & Bristol, Phila., Pa.
Detroit Ship Building Co. (Brass Dept.), Detroit, Mich.
Diamond State Steel Co., Wilmington, Del.
Dilworth, Porter & Co., German Natl. Bk. bldg, Pittsburg, Pa., & 127 Duane, N. Y.
Hoopes & Townsend Co., 1330 Buttonwood, Phila., Pa.
Jones & Laughlin Steel Co., Pittsburg, Pa.
Judson Mfg. Co., San Francisco, Cal.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Kohlmann's, Peter Sons (Hand-Made & Galvanized), 483 Lorimer, Brooklyn, N. Y.
La Belle Iron Works, Steubenville, O., & Wheeling, W. Va.
Lanz, Matthew & Sons, 101 S 29th, Pittsburg, Pa.
Michigan Bolt & Nut Works, Detroit, Mich.
Old Dominion Iron & Nail Works Co., Richmond, Va.
Penn Iron Co. (Ltd.), Lancaster, Pa.
Republic Iron & Steel Co., General Offices, 1st Nat'l Bank bldg, Chicago. District Sales Offices, Buffalo, Cleveland, O.; Birmingham, Ala.; 64 B'way, N. Y.; St. Louis, Mo.; St. Paul, Minn.; Pittsburg, Pa., & Cincinnati, O.
Salem Nail Co., 279 Pearl, N. Y.
Scranton Bolt & Nut Co., Scranton, Pa., & 25 Broad, New York
Severance, S. Mfg. Co., Murtland bldg, Pittsburg, Pa.
Sheffield Rolling Mill Co., Sheffield, Ala.
Sylvester & Co., 8 Oliver, Boston, Mass.
Tredegar Co., Richmond, Va.

Spikes (Wire)

AMERICAN STEEL & WIRE CO., The Rookery, Chicago; 21 State, New York; Cleveland, O., & San Francisco, Cal. (Sec adv. index, end of book)
Corbin Screw Corporation, New Britain, Conn ; 15 Murray, New York; 104 Lake, Chicago, Ill., & 925 Market, Phila., Pa. & 114 Liberty, N. Y.
Kokomo Steel & Wire Co., Kokomo, Ind.
National Steel & Wire Co., New Haven, Conn., & 114 Liberty, N. Y.

Spindles (Clamp)

Gem Mfg. Co. ("Gem," for Holding, Buffing & Polishing Wheels, etc.), Pittsburg, Pa.

Spindles (Lathe)

Detroit Shipbuilding Co. (Brass Dept.), Detroit, Mich.
Shelby Steel Tube Co., Frick bldg, Pittsburg, Pa., & 24 State, N. Y.

Spinning (Metal)

Acorn Brass Mfg. Co., 51 N Peoria, Chicago, Ill., & St. Louis, Mo.
Boekel, Wm. & Co., 518 Vine, Phila., Pa.
Braun, David J. Mfg. Co., 135 W Wash'n, Chicago, Ill.
Giese & Goodycar Co. (German Silver, Copper, Brass & Steel), 260 S 5th, Phila., Pa.
Goodwin & Kintz Co. (Brass, Steel, Aluminum, etc.), Winsted, Conn.
Hergert, Theo. S., 382 2d av, New York
Ireland & Matthews Mfg. Co. (German Silver, Copper, Brass & Steel), Detroit, Mich.
Klause, Chas., 1204 Nectarine, Phila., Pa.
Miller & Doing, 83 Wash'n, Brooklyn, N. Y.
Naugatuck Mfg. Co., Naugatuck, Conn.
Turner Bross Works (Brass, etc.), Franklin & Michigan, Chicago, Ill.

Spirits (Colonial)

BERRY BROS. (Ltd.). Main Office & Factory, Detroit, Mich.; 262 Pearl, N. Y.; 520 Atlantic av, Boston, Mass.; 26 N 4th, Phila., Pa.; 200 W Saratoga, Baltimore, Md.; 15 Lake, Chicago, Ill.; 420 Main, Cincinnati, O.; 112 S 4th, St. Louis, Mo., & 809 Mission, San Francisco, Cal. (See adv. index, end of book)

Spittoons (Iron)

(See Cuspidores.)

Spokeshaves

Chaplin-Stephens Co., Pine Meadow, Conn.
Cincinnati Tool Co., Cincinnati, O.
Goodell-Pratt Co., Greenfield, Mass.
Mack & Co., Rochester, N. Y.
Osborne, H. F. Co., Newark, N. J.
Smith, Seymour & Son, Oakville, Conn.
Stanley Rule & Level Co., New Britain, Conn.
Stortz, Jno. & Son, 210 Vine, Phila., Pa.
Tatum, Saml. C. Co., Cincinnati, O.

Spool Mfrs

(See Textile Machinery, Supplies, etc.)

Spoons (Aluminum)

Wagner Mfg. Co., Sidney, O.

Spoons (Digging)

(See also Shovel & Spade Mfrs.)

Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Myers, H. M. Co. (Telegraph, etc.), Beaver Falls, Pa.
Oshkosh Logging Tool Co., Oshkosh, Wis.
Pittsburg Shovel Co., Frick bldg, Pittsburg, Pa. Works, Leechburg, Pa.

Spoons (Rock Drilling)

Falls Mfg. Co., San Francsico, Cal.

Spoons (Telegraph)

Hussey-Binns Shovel Co. (Crucible Cast Steel), 541 Wood, Pittsburg, Pa. Works, Charleroi, Pa.
Union Furnace Mfg. Co., Morrell, Pa.

Spoons (Tin)

Dover Stamping & Mfg. Co., Cambridge, Mass.
Eagle Spoon Co., North Haven, Conn.
Housatonic Mfg. Co. (Malacca Plated Spoons, Knives & Forks), New Haven, Conn.
Humprey, H. W., Unionville, Conn.
Mix, G. I. Co., Yaleville, Conn.
Parker, Chas. Co., Meriden, Conn.
Troy Stamping Works (Tinned), Troy, N. Y.
Wallace, R. & Sons Mfg. Co., Wallingford, Conn.

Sprayers (Bath)

Vogel, Wm. & Bros., 37 S 9th, Brooklyn, N. Y.

Sprayers (Foundry)

Osborn Mfg. Co. (Lighting), 1331 Hamilton, Cleveland, O.

Spraying Apparatus

(See Pumps, Spraying.)

Spreaders (Manure)

American Harrow Co., Detroit, Mich.
Kemp, J. S. Mfg. Co., Newark Valley, N. Y.
Kemp & Burpee Mfg. Co., Syracuse, N. Y.
Newark Machine Co., Newark, O.
Richardson Mfg. Co., Worcester, Mass.

Spring Balances

Landers, Frary & Clark, New Britain, Conn.

Spring Car Buffers

Gould Coupler Co., Depew, N. Y.; 1 W 34th, N. Y.; "Rookery," Chicago, Ill., & Commercial bldg, St. LoLuis, Mo.

Spring Coiling Machines

(See Machines, Spring Coiling.)

Spring Cotters & Keys

(See Cotters & Keys)

Spring Dampener

Illinois Car & Equipment Co., Old Colony bldg, Chicago, Ill.
McCord & Co. (the McCord), Old Colony bldg, Chicago, Ill.

Spring Hinges

(See Hinges, Spring Butt.)

Springs (Agricultural Implement)

(See also Springs, Machinery.)

AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; 21 State, New York; Cleveland, O., & San Francisco, Cal. (See adv. index, end of book)
Babcock Mfg. Co., Leonardsville, N. Y.
BRIDGEPORT CHAIN CO., Bridgeport, Conn. (See adv. index, end of book)
Cambria Steel Co. (Gautier Dept.), Arcade bldg, Phila., Pa. Works, Johnstown, Pa.
Cleveland Wire Spring Co., Wason nr Hamilton, Cleveland, O.
Crucible Steel Co., Frick bldg, Pittsburg, Pa.; 71 B'way, New York, & 64 S Clinton, Chicago, Ill.
Gibson, Wm. D. Co., 25 N Clinton, Chicago, Ill.
Harrow Spring Co. (Cultivator Sectional, etc.), Kalamazoo, Mich.
Morgan Spring Co., Worcester, Mass.
Pittsburg Spring & Steel Co., Farmers' Bank bldg, Pittsburg, Pa.
Railway Steel Spring Co., 71 B'way, N. Y.; Fisher bldg, Chicago; Lincoln Trust bldg, St. Louis, Mo., & 1028 New Market, Phila.,
Sabin Machine Co., Montpelier, Vt. Pa.
Vehicle & Implement Spring Co., Pontiac, Mich.
Wilson, Robt. P., 313 Market, Newark, N. J.

Springs (Air Brake)

AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; 21 State, New York; Cleveland, O., & San Francisco, Cal. (See adv. index, end of book)
Cleveland Wire Spring Co., Wason nr Hamilton, Cleveland, O.
Gibson, Wm. D. Co., 25 N Clinton, Chicago, Ill.
Miller & Van Winkle, 18 Bridge, Brooklyn,
Morgan Spring Co., Worcester, Mass. N. Y
Pittsburg Spring & Steel Co., Farmers' Bank bldg, Pittsburg, Pa.
Railway Steel Spring Co., 71 B'way, N. Y.; Fisher bldg, Chicago, Ill.; Lincoln Trust bldg, St. Louis, Mo., & 1028 New Market, Phila., Pa.
Raymond Mfg. Co. (Ltd.) (Brake), Corry, Pa.
Silver, Wm. S. & Co., 115 B'way, N. Y.

Springs (Automobile)

Cleveland-Canton Spring Co., Canton, O.
Cleveland Wire Spring Co. (Wire), Cleveland, O.
Merrill, E. R. Spring Co., 530 W 28th, N. Y.

Springs (Bed)

BRIDGEPORT CHAIN CO., Bridgeport, Conn. (See adv. index, end of book)
Hartford Woven Wire Mattress Co., Hartford, Conn.

Springs (Bicycle)

AMERICAN STEEL & WIRE CO., The Rookery, Chicago; 21 State, New York; Cleveland, O., & San Francisco, Cal. (See adv. index, end of book)
Harrow Spring Co., Kalamazoo, Mich.
Miller & Van Winkle, 18 Bridge, Brooklyn N. Y
Morgan Spring Co., Worcester, Mass.
Raymond Mfg. Co. (Ltd.), Corry, Pa.
Sabin Machine Co., Montpelier, Vt.
Tuck Mfg. Co., Brockton, Mass.

Springs (Bolster)

Meyer & Co. (Cliff's Patent), Auburn, N. Y.

Springs (Brush Holder)

Morgan Spring Co., Worcester, Mass.
Railway Steel Spring Co., 71 B'way, N. Y.; 1022 Newmarket, Phila., Pa.; Fisher bldg. Chicago, Ill., & Lincoln Trust bldg, St. Louis, Mo.
Simonds Mfg. Co. (for Electric Railways), Pittsburg, Pa.

Springs (Car)

American Spiral Spring & Mfg. Co. (Spiral, etc.), Shingiss & Bluff, Pittsburg, Pa.
AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; 21 State, New York; Cleveland, O., & San Francisco, Cal. (See adv. index, end of book)
Betts Spring Co., 218 Fremont, San Francisco Cal
Brill, J. G. Co., 62d & Woodland av, Phila., Pa
Diamond State Car Spring Co., Wilmington. Del., & 29 B'way, N. Y.
Farist Steel Co., Bridgeport, Conn.
Harrow Spring Co. (Railway & Street Car), Kalamazoo, Mich.
Iron City Spring Co., Allegheny, Pa.
Lehigh Valley Spring Works, Bullitt bldg, Phila., Pa.
Ludlum Steel & Spring Co. (Crucible Cast Steel Car & Locomotive), Pampton, N. J.
McGuire-Cummings Mfg. Co., 122 N Sangamon, Chicago, Ill.
Miller & Van Winkle, 18 Bridge, Brooklyn, N. Y.
Morgan Spring Co., Worcester, Mass.
Pittsburg Spring & Steel Co., Farmers' Bank bldg., Pittsburg, Pa.
Railway Steel Spring Co., 71 B'way, N. Y.; Fisher bldg., Chicago, Ill & Lincoln Trust bldg, St. Louis, Mo., & 1028 Newmarket, Phila., Pa.
Rowland, Wm. & Harvey, Frankford, Phila., Pa.
Silver, Wm. S. & Co., 115 B'way, New York
Simplex Railway Appliance Co. (Coil & Elliptic), Fisher bldg, Chicago, Ill.; Hammond, Ind., & 141 B'way, New York
Union Spring & Mfg. Co. (Coil & Elliptic), Frick bldg., Pittsburg, Pa. Works, New Kinsington, Pa.
Vose Spring Co., 115 B'way, New York

Springs (Car Fender)

Harrow Spring Co., Kalamazoo, Mich.

Springs (Car Seat)

American Spiral Spring Co., Pittsburg, Pa.
AMERICAN STEEL & WIRE CO., Rookery, Chicago, Ill.; 21 State, New York; Cleveland, O., & San Francisco, Cal. (See adv. index, end of book)
BRIDGEPORT CHAIN CO., Bridgeport, Conn. (See adv. index, end of book)
Gibson, W. D. Co., 25 N Clinton, Chicago, Ill.
Harrow Spring Co., Kalamazoo, Mich.
Hartford Woven Wire Mattress Co., Hartford, Conn.
Meyer & Co. (Cliff's Patent), Auburn, N. Y.
Miller Wire Spring Co., Bridgeport, Conn.
Morgan Spring Co., Worcester, Mass.

Springs (Carriage & Wagon)

Adams, E. B. & Son (Wagon), Racine, Wis.
Ansted, E. W., Spring Co., Connersville, Ind.
Armstrong, J. B. Mfg. Co., Flint, Mich.
Belle City Bolster Spring Co. (Wagon), Racine, Wis.
Cleveland-Canton Spring Co., Canton, O.
Cleveland Wire Spring Co. (Bolster), Wason nr Hamilton, Cleveland, O.
Concord Axle Co. ("Palmer's" Concord), Penacook, N. H.
Cooper, Geo. & Co., Western Reserve bldg, Cleveland, O.
Delany, D. & Son, 2 Liberty, Newark, N. J.
Dobbins, C. E. & Co., 172 N Halsted
Duff Spring Co., Cambridge, Mass.
Foster Bros. Mfg. Co., Utica, N. Y.
Gibson, W. D. Co., 23 N Clinton, Chicago, Ill.
Haggard Wagon Spring Co. (Wagon), Lafayette, Ind.
Hess Spring & Axle Co., Carthage, Cincinnati, Ohio
Higgins Spring & Axle Co., Racine, Wis.
Hirsch Bros. (Bolster), Milwaukee, Wis.
Iron City Spring Co. (Oil Tempered), Allegheny, Pa.
Kalamazoo Spring & Axle Co., Kalamazoo, Mich.
Keystone Spring Works, 13th & Buttonwood, Philadelphia, Pa.
King Spring Co., 1410 Niagara, Buffalo, N. Y.
Lewis Spring & Axle Co., Jackson, Mich.
Liggett Spring & Axle Co., Monongahela, Pa.
Lightbody & Foster, South & Allegheny avs, Allegheny, Pa.
Merrill, F. B. Spring Co., 530 W 28th, N. Y., & Jersey City, N. J.
Morgan Spring Co., Worcester, Mass.
Mulholland Spring Co. (Ball Bearing), Dunkirk, N. Y.
New Haven Spring Co., New Haven, Conn.
Palmer, Jos. (Est. of), 333 Rutherford, Boston, Mass.
Pontiac Spring & Wagon Works (Bolster), Pontiac, Mich.
Racine Pole & Spring Co. (Bolster), Racine, Wis.
Racine Rice Machinery Co. (Bolster), Racine, Wis.

Railway Steel Spring Co., 71 B'way, N. Y.; 1022 Newmarket, Phila., Pa.; Fisher bldg., Chicago, & Lincoln Trust bldg., St. Louis,
Raymond Mfg. Co. (Ltd.), Corry, Pa. Mo.
Rowland, Wm. & Harvey, Frankford, Phila.,
Sheldon Axle Co., Wilkesbarre, Pa. Pa.
Spring Perch Co., Bridgeport, Conn.
Studebaker Bros., Mfg. Co. (Wagon & Bolster), South Bend, Ind.
Tomlinson Spring Co., 233 N. J. R. R. av, Newark, N. J.
Tuthill Spring Co., 315 S Clinton, Chicago
Vehicle & Implement Spring Co., Pontiac, Mich.
Wurster, Fred. W. & Co., 375 Kent av, Brooklyn, N. Y.

Springs (Check Rower)

WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)

Springs (Children's Carriage, etc.)

Heartley Machine Variety Iron & Tool Works, Toledo, O.

Springs (Clock, Music Box, etc.)

Cary Spring Works, 240 W 29th, New York
Mauros, F. N., Forestville, Conn.

Springs (Coil or Spiral)

American Spiral Spring & Mfg Co., Shingiss cor Bluff, Pittsburg, Pa.
AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; 21 State, New York; Cleveland, O., San Francisco, Cal. (See adv. index, end of book)
Barnes, Wallace Co. (Small, All Kinds), Bristol, Conn.
Cary Spring Works, 240 W 29th, New York
Chatillon, Jno. & Sons (Cast Steel), 85 Cliff, New York
Cleveland Wire Spring Co., Wason & Hamilton, Cleveland, O.
Cook Spring Co., 255 Centre, New York
Diamond State Car Spring Co., Wilmington, Del.
Dunbar Bros. (Small Sheet Steel & Brass Wire), Bristol, Conn.
Eureka Spring Co., 465 Greenwich, N. Y.
Farist Steel Co. (Car, etc.), Bridgeport, Conn.
Gibson, W. D. Co., 25 N Clinton, Chicago, Ill.
Harrow Spring Co., Kalamazoo, Mich.
Insull, Thos., 1429 Hutchinson, Phila., Pa.
Iron City Spring Co., Allegheny, Pa.
Kalamazoo Spring & Axle Co., Kalamazoo, Mich.
Lehigh Valley Spring Works, Bullitt bldg, Phila., Pa.
Lord Bros. Mfg. Co., Tilton, N. H.
Ludlow-Saylor Wire Co., 4th & Elm, St. Louis, Mo.
McGuire-Cummings Mfg. Co., 122 N Sangamon, Chicago, Ill.
Meyer & Co., Auburn, N. Y.
Miller & Van Winkle, 18 Bridge, Brooklyn, N. Y.
Morgan Spring Co., Worcester, Mass.
Murray, William, Mt. Gilead, O.
Pittsburg Spring & Steel Co. (Car, etc.), Farmers' Bank bldg, Pittsburg, Pa.
Railway Steel Spring Co., 71 B'way, N. Y.; Fisher bldg, Chicago, Ill.; Lincoln Trust bldg, St. Louis, Mo., & 1022 Newmarket Phila., Pa.
Raymond Mfg. Co. (Ltd.), Corry, Pa.
Rice Coil Spring Co., St. Louis, Mo.
Sabin Machine Co., Montpelier, Vt.
Sheldon Axle Co., Wilkesbarre, Pa.
Shuler, D. W. & Son, Amsterdam, N. Y.
Silver, W. S. & Co., 115 B'way, N. Y.
Simplex Railway Appliance Co. (Car & Locomotive), Fisher bldg, Chicago, Ill.; Hammond, Ind., & 141 B'way, New York
Taylor Electric Truck Co., Troy, N. Y.
Union Spring & Mfg. Co. (Car & Machinery), Frick bldg, Pittsburg, Pa. Works, New Kinsington, Pa.
Vose Spring Co., 115 B'way, New York
Wilson, Robt. P., 313 Market, Newark, N. J.

Springs (Door)

American Spiral Spring Co., Pittsburg, Pa.
AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; 21 State, New York; Cleveland, O., & San Francisco, Cal. (See adv. index, end of book)
Arcade Mfg. Co., Freeport, Ill.
Caldwell Mfg. Co., 8 Jones, Rochester, N. Y.
Chatillion, John & Sons, 85 Cliff, New York
Chicago Spring Butt Co., 491 Carroll av, Chicago, Ill.
Clevcland Wire Spring Co., Cleveland, O.
Columbian Hardware Co.., Clcveland, D.; 14 Warren, N. Y., & 86 Michigan, Chicago, Ill.
Miller & Van Winkle, 18 Bridge, Brooklyn, N. Y
Morgan Spring Co. ("Perfection" & "Morgan"). Worcester, Mass.
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 27 Murray, New York
Phoenix Hdw. Mfg. Co. (Coil), Homer, N. Y.
Pryor, W. W. Hardware Mfg. Co. (Foster's), Newark, N. J.
Pullman Mfg. Co., Rochester, N. Y.
Russell & Erwin Mfg. Co., New Britain, Conn., & 43 Chambers, New York
Sabin Machine Co., Montpelier, Vt.
Simpson Iron Co.. Columbus, O.
Union Mfg. Co., New Britain, Conn.

Springs (Elliptic)

Cleveland-Canton Spring Co., Canton, O.
Cooper, George & Co., Western Reserve bldg, Cleveland, O.
Delaney & Son, Newark, N. J.
Diamond State Car Spring Co., Wilmington, Del.
Farist Steel Co., Bridgeport, Conn.
Gibson, Wm. D. Co., 27 N Clinton, Chicago, Ill.
Hess Spring & Axle Co. (Platform & Concord), Carthage, Cincinnati, O.
Insull, Thomas, 1429 Hutchinson, Phila.. Pa.
Iron City Spring Co. (Oil Tempered), Allegheny, Pa.
Kalamazoo Spring & Axle Co., Kalamazoo, Mich.
Keystone Spring Works, 13th & Buttonwood, Philadelphia, Pa.
Latrobe Steel Co., Girard bldg, Phila., Pa.; 11 Broadway, New York, & Latrobe, Pa.
Merrill, E. R. Spring Co., 530 W 28th, New York
Morgan Spring Co., Worcester, Mass.
Pittsburgh Spring & Steel Co. (Car), Farmers' Bank bldg., Pittsburg, Pa.
Railway Steel Spring Co., 71 Broadway, New York; Fisher bldg., Chicago, Ill.; Lincoln Trust bldg., St. Louis, Mo., & 1022 Newmarket, Phila., Pa.
Rowland, Wm. & Harvey (Inc.), Frankford. Philadelphia, Pa.
Sheldon Axle Co., Wilkesbarre, Pa.
Shuler, D. W. & Son, Amsterdam, N. Y.
Silver, Wm. S. & Co., 115 B'way, New York
Simplex Railway Appliance Co. (Car & Locomotive), Fisher bldg, Chicago, Ill.; Hammond, Ind., & 141 B'way, New York
Taylor Electric Truck Co., Troy, N. Y.
Union Spring & Mfg. Co. (Locomotive & Railway Equipment), Frick bldg., Pittsburg, Pa. Works, New Kensington, Pa.
Vose Spring Co., 115 Broadway, New York

Springs (Engine House Door)

Morgan Spring Co., Worcester, Mass.
Myer, Benj. Co., 470 Broad, Newark, N. J.

Springs (Extension & Compression)

BRIDGEPORT CHAIN CO., Bridgeport, Conn. (See adv. index, end of book)

Springs (Fish Plate)

Ruffner & Son. Schuylkill Falls, Phila., Pa.

Springs (Furniture & Upholstering)

BRIDGEPORT CHAIN CO., Bridgeport, Conn. (See adv. index, end of book)
Morgan Spring Co., Worcester, Mass.

Springs (Gate)

(See Springs Coil, etc.)

Springs (Grain Drill)

Harrow Spring Co., Kalamazoo, Mich.

Springs (Helical)

BRIDGEPORT CHAIN CO., Bridgeport, Conn. (See adv. index, end of book).
Railway Steel Spring Co., 71 B'way, N. Y.; Fisher bldg., Chicago, Ill., & Lincoln Trust bldg, St. Louis, Mo., & 1028 Newmarket, Phila., Pa.

Springs (Machinery)

(See also Springs, Agricultural Implement.)

AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; 21 State, New York; Cleveland, O., & San Francisco, Cal. (See adv. index, end of book)
Barnes, Wallace Co., Bristol, Conn.
Cary Spring Works, 240 W. 29th, New York
Cleveland Wire Spring Co., Wason & Hamilton, Cleveland, O.
Crucible Steel Co. of America (La Belle Plant), Pittsburg, Pa.; 71 B'way, N. Y., & 64 S Clinton, Chicago, Ill.
Diamond State Car Spring Co., Wilmington. Del.
Dunbar Bros., Bristol, Conn.
Eureka Spring Co., 465 Greenwich, N. Y.
Gibson, Wm. D. Co., 27 N Clinton. Chicago, Ill.
Harrow Spring Co., Kalamazoo, Mich.
Miller & Van Winkle Co., 18 Bridge, Brooklyn, N. Y.
Morgan Spring Co., Worcester, Mass.
Pittsburg Spring & Steel Co., Farmers' Bank bldg, Pittsburg, Pa.
Railroad Steel Spring Co., 71 B'way, New York; Fisher bldg, Chicago, Ill.; Lincoln Trust bldg, St. Louis, Mo., & 1028 Newmarket, Phila., Pa.
Raymond Mfg. Co. (Ltd.), Corry, Pa.
Sabin Machine Co., Montpelier, Vt.
Silver, Wm. S. & Co., 115 B'way, N. Y.
Union Spring & Mfg. Co. (Coil), Frick bldg., Pittsburg, Pa. Works, New Kinsington, Pa.
Vose Spring Co., 115 Broadway, New York

Springs (Oil Tempered)

Chatillon, Jno. & Sons, 85 Cliff, N. Y.
Dunbar Bros., Bristol, Conn.
Gibson, Wm. D. Co., 27 N Clinton, Chicago, Ill.
Iron City Spring Co., Allegheny, Pa.
Morgan Spring Co., Worcester, Mass.
Railway Steel Spring Co., 71 B'way, N. Y.
Sabin Machine Co., Montpelier, Vt.

Springs (Pipe Bending)

Cleveland Wire Spring Co., Mason & Hamilton, Cleveland, O.
Morgan Spring Co., Worcester, Mass.
Raymond Mfg. Co. (Ltd.), Corry, Pa.

Springs (Rubber)

Boston Belting Co., Boston, Mass., & 100 Reade, New York
Canfield, H. O., Bridgeport, Conn.
Consolidated Rubber Co., Trenton, N. J.
Continental Rubber Works, Erie, Pa.
Diamond Rubber Co., Akron, O.
Empire Rubber Mfg. Co., Trenton, N. J., & 60 Reade, New York
Goodrich. B. F. Co., Akron, O.
Hamilton Rubber Co.. Trenton, N. J.
Home Rubber Co., Trenton, N. J.; 80 Reade, N. Y., & 17 La Salle, Chicago, Ill.
Lake Shore Rubber Co., Erie, Pa.
Manhattan Rubber Mfg. Co., 18 Vesey, N. Y., & Passaic, N. J.
Mechanical Rubber Co., 253 B'way, N. Y.; 230 Randolph, Chicago, Ill.. & Cleveland, O.
Morgan & Wright (Car, Wagon, etc.), 19 N May, Chicago, Ill.
N. J. Car Spring & Rubber Co., Jersey City, N. J.
New York Belting & Packing Co. (Ltd.), 91 Chambers, New York

New York Rubber Co., 84 Reade, New York
Republic Rubber Co., Youngstown, O.
Stokes, Jos. Rubber Co., Trenton, N. J.
Trenton Rubber Mfg. Co., Trenton, N. J.
United & Globe Rubber Mfg. Co., Trenton, N. J.
Whitehead Bros. Rubber Co., Trenton, N. J.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., 111 Chambers, N. Y. (See adv. index, end of book)

Springs (Rubber Channeler)

Morgan & Wright (For Quarrying Machinery), 19 N May, Chicago, Ill.

Springs (Track Scraper)

Harrow Spring Co., Kalamazoo, Mich.

Springs (Trolley)

AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; 21 State, New York; Cleveland, O., & San Francisco, Cal. (See adv. index, end of book)
Cary Spring Works, 240 W 29th, New York
Cleveland Wire Spring Co., Wason & Hamilton, Cleveland, O.
Diamond State Car Spring Co., Wilmington, Del.
Eureka Spring Co., 467 Greenwich, New York
Gibson, W. D. Co., 25 N Clinton, Chicago, Ill.
Merrill, E. R. Spring Co., 530 W 28th, New York
Miller & Van Winkle, 18 Bridge, Brooklyn, N. Y.
Morgan Spring Co., Worcester, Mass.
Pittsburgh Spring & Steel Co., Farmers' Bank bldg., Pittsburg, Pa.
Railway Steel Spring Co., 71 B'way, N. Y.; Fisher bldg., Chicago, Ill.; 1022 New Market, Phila., Pa., & St. Louis, Mo.
Silver, Wm. S. & Co., 115 B'way, New York
Vose Spring Co., 115 Broadway, New York

Springs (Valve)

Gibson, Wm. D. Co., 25 N Clinton, Chicago, Ill.

Springs (Window)

Barnes, Wallace Co., Bristol, Conn.
Dunbar Bros., Bristol, Conn.
Eagan, Thos. F., Worcester, Mass.
Morgan Spring Co., Worcester, Mass.
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 27 Murray, New York
STANLEY WORKS ("Sweets" & "Jenks"), New Britain, Conn., & 79 Chambers, New York. (See adv. index, end of book)

Springs (Wire)

AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; 21 State, New York; Cleveland, O. (See adv. index, end of book)
Barnes, Wallace Co., Bristol, Conn.
BRIDGEPORT CHAIN CO., Bridgeport, Conn. (See adv. index, end of book)
Cary Spring Works, 240 W 29th, New York
Chatillon, John & Sons, "Cast Steel," 85 Cliff, New York
Cleveland Wire Spring Co., Wason & Hamilton, Cleveland, O.
Dunbar Bros. (Clock, etc.), Bristol, Conn.
Gaynor & Mitchell Mfg. Co. (Spiral), Bridgeport, Conn.
Lord Bros. Mfg. Co., Tilton, N. H.
Ludlow-Saylor Wire Co., 4th & Elm, St. Louis, Mo.
Miller & Van Winkle, 18 Bridge, Brooklyn, N. Y.
Morgan Spring Co., Worcester, Mass.
Pittsburgh Spring & Steel Co., Farmers' Bank bldg., Pittsburg, Pa.
Railway Steel Spring Co., 71 B'way, N. Y.; Fisher bldg., Chicago, Ill.; 1022 New Market, Phila., Pa., & St. Louis, Mo.
Sabin Machine Co., Montpelier, Vt.
Tuck Mfg. Co., Brockton, Mass.
Washburn Wire Co. (Clock, etc.), Phillipsdale, R. I., & 26 Cortlandt, N. Y.
Wire Goods Co., 20 Union, Worcester, Mass.

Springs (Woven Wire)

Keystone Iron Furniture & Mfg. Co., 21st & Allegheny av, Phila., Pa.

Sprinklers (Automatic Fire)

Braman, Dow & Co., 239 Causeway, Boston
CALDWELL, W. E. CO. (Complete Plants Erected), Brandeis av & Brook, Louisville, Ky. (See adv. index, end of book)
Chemical Fire Engine Co., Des Moines, Ia.
Collins & Co. (Installations), 175 E 116th, New York
Esty Sprinkler Co., N Mill, Laconia, N. H.
Foskett & Bishop Co., Grand & R. R. avs, New Haven, Conn.
Francis Bros. & Jellett (Inc.), 245 N Broad, Phila., Pa., & 47 E 18th, N. Y.
General Fire Extinguisher Company, Providence, R. I.
Independent Fire Sprinkler Co., 30 W Monroe, Chicago, Ill.
International Sprinkler Co. (Wet & Dry Pipe (Systems), 517 Arch, Phila., Pa.
Manufacturers' Automatic Sprinkler Co., 56 Liberty, N. Y.
SIMMONS, JNO. CO., 106 Centre, New York
Swan & Sons, 163 Oliver, Boston, Mass.
VOGEL, H. G. CO., 3 Mercer, New York. (See adv. below)

H. G. VOGEL COMPANY
Esty Automatic Fire Sprinkler.
Equipments, Pumps, Hydrant Systems and Underground Piping of Every Description.
Executive Office,
1-3 Mercer Street, New York City.
321 Mariner and Merchant Bldg., Phila., Pa.
Dun Building, Buffalo N. Y.
31 Milk Street, Boston, Mass.
30 St. George Street, Montreal, P. Q.
1 and 3 Mercer Street, NEW YORK.

Walworth Mfg. Co., 132 Federal, Boston, Mass.

Sprinklers (Hose, Bath, Cock, Etc)

Boekel, Wm. & Co., 518 Vine, Phila., Pa.

Sprinklers (Park)

Clow, Jas. B. & Sons ("Ryan" Arm Revolving Spray, etc.), 342 Franklin, Chicago

Sprinklers (Potato)

Aspinwall Mfg. Co., Jackson, Mich.
Deming Co., Salem, O.
Nowviock, J. H. & Sons, Bloomsburg, Pa.
Peppler, Thomas (Two Row), Hightstown, N. J.
Potato Implement Co., Traverse City, Mich.
Shangle, John R., Hightstown, N. J.
Steitz, J. R., Cudahy, Wis.

Sprinkling Cars (Street Railway)

(See Cars, Sprinkling, Street Railway.)

Sprocket Wheels

(See Wheels, Sprocket.)

Spurs & Points (Ladder)

Brewer Bros. (Wrought Steel), 614 Filbert, Phila., Pa.

Square & Gauge Combined

Mayhew, H. H. Co., Shelburne Falls, Mass.
Stanley Rule & Level Co., New Britain, Conn., & 107 Chambers, N. Y.

Squares (Bevel)

Athol Machine Co., Athol, Mass.
Disston, Henry & Sons (Inc.), Tacony, Philadelphia, Pa., & 75 W. Wash'n, Chicago, Ill.
Starrett, L. S. Co., Athol, Mass.

Squares (Caliper)

Billings & Spencer Co., Hartford, Conn.
Brown & Sharpe Mfg. Co., Providence, R. I.
HAMMACHER, SCHLEMMER & CO., 133 4th av, New York. (See adv. index, end of book)
Starrett, L. S. Co., Athol, Mass.

Squares (Center)

Brown & Sharpe Mfg. Co., Providence, R. I.
HAMMACHER, SCHLEMMER & CO., 133 4th av, New York. (See adv. index, end of book)

Squares (Combination)

Athol Machine Co., Athol, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Disston, Henry & Sons (Inc.), Tacony, Phila., Pa., & 75 Wash'n, Chicago, Ill.
Goodell-Pratt Co. (Carpenters, etc.), Greenfield, Mass.
Sawyer Tool Mfg. Co., Fitchburg, Mass.
Starrett, L. S. Co., Athol, Mass.

Squares (Iron & Steel)

Athol Machine Co., Athol, Mass.
Bemis & Call Hdw. & Tool Co., Springfield, Mass.
Brown & Sharpe Mfg. Co. (Steel Only), Providence, R. I.
Disston, Henry & Sons (Inc.), Tacony, Philadelphia, Pa., & 75 W. Wash'n, Chicago, Ill.
Eagle Square Mfg. Co., S Shaftsbury, Vt.
Nicholls Mfg. Co. (Framing), Ottumwa, Iowa
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 27 Murray, New York
Russell & Erwin Mfg. Co., New Britain, Conn., & 43 Chambers, New York
Sawyer Tool Mfg. Co., Fitchburg, Mass.
Southington Cutlery Co., Southington, Conn.
Stanley Rule & Level Co., New Britain, Conn., & 107 Chambers, N. Y.
Starrett, L. S. Co., Athol, Mass.

Squares (Machinists')

Athol Machine Co., Athol, Mass.
Brown & Sharpe Mfg. Co., Providence, R. I.
Disston, Henry & Sons (Inc.), Tacony, Phila., Pa., & 75 W. Wash'n, Chicago, Ill.
HAMMACHER, SCHLEMMER & CO., 133 4th av, New York. (See adv. index, end of book)
Hoggson & Pettes Mfg. Co., New Haven, Conn.
Kelsey, D. J., 85 Cottage, New Haven, Conn.
Sawyer Tool Mfg. Co., Fitchburg, Mass.
Starrett, L. S. Co., Athol, Mass.
Stevens, J. Arms & Tool Co., Chicopee Falls, Mass.
Turner, F. L. & Co. (With Sliding Blade), Orange, Mass.

Squares ("T")

DIETZGEN, EUGENE CO., 181 Monroe, Chicago; 119 W 23d, New York, & 14 1st, San Francisco, Cal. (See adv. index, end of book)
Disston, Henry & Sons (Inc.), Tacony, Philadelphia, Pa., & 175 W. Wash'n, Chicago, Ill.
HAMMACHER, SCHLEMMER & CO., Wooden), 209 Bowery, New York. (See adv. index, end of book)
Keuffel & Esser Co., 127 Fulton, N. Y.
Kopp, Geo. L. & Co., 538 Smithfield, Pittsburg, Pa.

SOLTMANN, E. G. (And Perspectives Curves for Drafting; also everything for the Architect, Engineers & Draughting Room), 125 E 42d, N. Y. (See adv. index, end of book)
Starrett, L. S. Co., Athol, Mass.
STIEREN, WM. E. CO., 644 Smithfield, Pittsburg, Pa. (See adv. index, end of book)
Welch, T. F. & Co. (Steel Blade), 65 Sudbury, Boston
Wyke, J. & Co., 50 Saratoga, E. Boston, Mass.

Squares (Try & Mitre)

Athol Machine Co. ("Standard"), Athol, Mass.
Atkins, E. C. & Co., Indianapolis, Ind.
Brown & Sharpe Mfg. Co. (Try Only), Providence, R. I.
Disston, Henry & Sons (Inc.), Tacony, Phila., Pa., & 75 W. Wash'n, Chicago, Ill.
HAMMACHER, SCHLEMMER & CO., 133 4th av, New York. (See adv. index, end of book)
Sawyer Tool Mfg. Co., Fitchburg, Mass.
Stanley Rule & Level Co., New Britain, Conn., & 107 Chambers, N. Y.
Starrett, L. S. Co., Athol, Mass.
Turner, F. L. & Co., Orange, Mass.

Squeezers (Lemon)

Erie Specialty Co. ("Walkers"), Erie, Pa.
Landers, Frary & Clark, New Britain, Conn.
Manning, Bowman & Co., Meriden, Conn.
National Novelty Corp. ("Crescent," "Full Moon," "Diamond," "Boss," "Star," "Brighton," "American Queen," "Gem," "Union" & "Samson"), 826 B'way, New York
Penn Hardware Co. ("Penn"), Reading, Pa.
Sommer's Jno. Son (Wooden, etc.), Newark, N. J.
Springfield Machine Screw Co. ("Leader"), Springfield, Mass.
Tucker & Dorsey Mfg. Co. (Wooden), Indianapolis, Ind.

Squeezers (Rotary)

Garrison, A. Foundry Co., S 9th & Bingham, Pittsburg, Pa.
Lewis Foundry & Machine Co., 1001 Bingham, Pittsburg, Pa.
Philadelphia Roll & Machine Co. (Puddle Ball), S 23d & Wash'n av, Phila., Pa.
United Engineering & Foundry Co., Farmers' Bank bldg, Pittsburg, Pa., & Youngstown, O.

Squibs (Miners')

Extension Safety Squib Co., Wilkesbarre, Pa.
Miners' Supply Co., St. Clair, Pa.

Stable Fixtures

(Those who manufacture a full line, such as Stalls, etc., are indicated by a §.)

Abendroth Bros., 109 Beekman, N. Y.
§Adams, Wm. & Co., 960 N 9th, Phila.
Ames Plow Co., Quincy Hall, Boston
AMOS, CHAS, & CO., Detroit, Mich. (See adv. index, end of book)
Barbee Wire & Iron Works, Lafayette, Ind., & 44 Dearborn, Chicago
Barber Mfg. Co. (Cast Iron Feed Boxes, Cesspools, Hay Racks, etc.), Ashtabula, O.
Barnum, E. T. Wire & Iron Works, Detroit, Mich.
Belmont Iron Works, 22d & Wash'n av, Phila., Pa.
Bethlehem Foundry & Machine Co., South Bethlehem, Pa.
Booth, Jno., 14 N Canal, Chicago, Ill.
Broad Gauge Iron Stall Works, 53 Elm, Boston, Mass.
Buffalo Wire Works Co., 316 Terrance, Buffalo N. Y.
CHAMPION IRON CO., Kenton, O. (See adv. index, end of book)
Champion Iron & Wire Works, 617 S 16th, Omaha, Neb.
§Cheney, S. & Son, Manlius, N. Y.
CINCINNATI MFG. CO., 1243 W 6th, Cincinnati, O. (See adv. index, end of book)
COLUMBUS WIRE & IRON WORKS, Columbus, O. (See adv. index, end of book)
Cresweil, Jos. Mfg. Co., 1624 Blake, Denver, Col.
§Fiske, J. W., 39 Park pl, N. Y.
Glenn Mfg. Co. (Cesspools, Gutters, etc.), St. Charles, Ill.
Guuther's, J. Sons, 417 B'way, Buffalo, N. Y.
HICKEY, M. H., WIRE & IRON WORKS, 54 Dearborn, Chicago, Ill.
Hitzeroth, C., 3124 Market, Phila., Pa.
Howard & Morse, 45 Fulton, N. Y.
§Jones, M. D. & Co., 71 Portland, Boston, Mass.
§Jones, Willis H., Utica, N. Y.
King & Walker Co., Madison, Wis.
LANDON & EGGERS, 1243 Fillmore, Chicago, Ill. (See adv. index, end of book)
Lasar-Letzig Mfg. Co., 16th & O'Fallen, St. Louis, Mo.
Lindstam, S. F. ("American" Sanitary Stalls), 2615 N Aldrich av, Minneapolis, Minn.
Logan, Martin, 1632 B'way, N. Y.
Ludiow-Saylor Wire Co., 4th & Elm sts, St. Louis, Mo.
Lynn Stall Co., Lynn, Mass.
MERRITT & CO., 1024 Ridge av, Phila., Pa. (See adv. index, end of book)
Miller Iron Co., 516 Harris av., Providence, R. I.
Myers, Fred J. Mfg. Co., Hamilton, O.
§Mott, J. L. Iron Works, 88 Beekman, N. Y.
Northwestern Foundry, 312 10th av, S Minneapolis, Minn.
Ornamental Iron & Wire Co. (Inc.), Portsmouth, Va.
Palmer, C. F., Utica, N. Y.
Puritan Iron Works, 110 Portland, Boston, Mass.
St. Paul Foundry Co., Como av & Mackubin, St. Paul, Minn.
§SMITH, F. P. WIRE & IRON Works, 100 Lake, Chicago, Ill. (See adv. index, end of book)
§Smyser's, E. G. Sons, 4 Light, Baltimore, Md.
§SNOW, W. A. & CO., 19 Portland, Boston, Mass.
STOWELL MFG. & FOUNDRY CO., S Milwaukee, Wis. (See adv. index, end of book)
Stuart & Peterson Co. (Galvanized Feed Mangers), Budlington, N. J.
§Swett, A. L. Iron Works, Medina, N. Y.
TAYLOR & DEAN, 205 Market, Pittsburg, Pa. (See adv. index, end of book)
§Van Dorn Iron Works, 1793 E Madison av, Cleveland, O.
VULCAN CO., Detroit, Mich. (See adv. index, end of book)
Vulcan Iron Works, 505 Mission, San Francisco, Cal.
§Westervelt, A. B. & W. T., 102 Chambers, N. Y.
Wisconsin Iron & Wire Works, 186 E Water, Milwaukee, Wis.

Stable or Stall Floors

FLEMING & CO. (Adamantine Cilnker Brick), 123 Liberty, N. Y. (See adv. below)
LINDSTAM, S. F. ("American" Sanitary Stalls), 2615 N Aldrich av, Minneapolis, Minn.
SNOW, W. A. & CO. (Snow's Sanitary Stall Floor), 19 Portland, Boston, Mass.

Stackers (Hay)

Acme Harvester Co., Peoria, Ill.
Anderson, Martin Co., Omaha, Neb.
Dain Mfg. Co. (Automatic), Ottumwa, Ia.
Eureka Mfg. Co., Chariton, Ia.
Famous Mfg. Co. (Swinging), E. Chicago, Ind.
Fleming & Sons Mfg. Co. (Swinging), Huntsville, Mo.
Jenkins Hay Rake & Stacker Co., Browning Mo.
Kansas City Hay Press Co., Kansas City, Mo.
McCaii Mfg. Co., Moberiy, Mo.
Superior Hay Stacker Mfg. Co., Linneus, Mo.

Stackers (Lumber)

Soule Steam Feed Works, Meridian, Miss.

Stackers (Straw)

Advance Thresher Co. (Pneumatic & Automatic), Battle Creek, Mich.
Avery Mfg. Co. (Automatic), Peoria, Ill.
Birdsell Mfg. Co., S Bend, Ind.
Buffalo Pitts Co. (Russell Pattern Wind), Buffalo, N. Y.
Case, J. I. Threshing Machine Co. ("Case," Wind & Independent Swing, etc.), Racine, Wis.
Farm Tool Mfg. Co. (20th Century), Carrollton, Mo.
Fosston Wind Stacker Co. (Wind), Minneapolis, Minn.
Frick Co. (Landis Eclipse Wind), Waynesboro, Pa.
Gaar, Scott & Co., Richmond, Ind.
Geiser Mfg. Co. (Wind), Waynesboro, Pa.
Harrison Machine Works (Automatic), Belleville, Ill.
Heincke & Co. (Combination & Raddle Wind Stackers), Springfield, Ill.
Huber Mfg. Co. (Wind Stackers), Marion, O.
Indiana Mfg. Co. (Wind, Stackers), Indianapolis, Ind.
Maplebay Windstacker Co., Crookston, Minn.
Marion Mfg. Co. ("Russell" Wind & Leader," Swinging), Marion, O.
Massillon Engine & Thresher Co. (Wind & Swinging), Minneapolis, Minn.
Monarch Feeder & Stacker Co., Cedar Fails, Ia.
Newark Machine Co., Newark, O.
Nichols & Shepard Co. (Swinging & Wind), Battle Creek, Mich.
North Dakota Mfg. Co. (Wind Stackers), Grand Forks, N. Dak.
Northwest Thresher Co., Stillwater, Minn.
Pelia Stacker Co., Pelia, Ia.
Port Huron Engine & Thresher Co. (Pneumatic), Port Huron, Mich.
Reeves & Co. (Automatic & Pneumatic), Columbus, Ind.
Robinson & Co. (Automatic, Swinging), Richmond, Ind.
Rumley, M. Co. (Automatic & Pneumatic), Laporte, Ind.
Russell Wind Stacker Co. (Wind), Indianapolis, Ind.
Russell & Co. (Pneumatic, Swinging & Wind), Massilion, O.
Sattley Mfg. Co., Springfield, Ill.
Sattley Stacker Co., Indianapolis, Ind.
Stevens, A. W. Co. (Wind Stackers), Marinette, Wis.
Smith & Sons Mfg. Co., Kansas City, Mo.
Westinghouse Co., Schenectady, N. Y.

Stage Light Appliances (Electric)

Chase-Shawmut Co., Newburyport, Mass.
MacKenzie & Lee, 88 LaSalle, Chicago, Ill.

Stained Glass Substitute

Parrish, S. H. & Co., 214 Clark, Chicago, Ill.
Sedgwick, Wm., 260 Clark, Chicago, Ill.
Sefton Bros., 113 E Madison, Chicago, Ill.
Young, W. C., 912 Arch, Phila., Pa.

Stainoff for Cleaning & Polishing

Steward, D. M. Mfg. Co., Chattanooga, Tenn.

Stair Builders (Iron)

(See Iron Stair Builders.)

Stair Builders' Supplies

(Stair Rails, Balusters, Newel Posts, etc.)
Bering Mfg. Co. (Pine & Cypress, Wholesale Mfrs.), Houston, Tex.
Bossert, Louis & Son, Grand st & Newtown Creek, B'klyn, N. Y.

FLEMING & CO.,
CONTRACTORS
123 LIBERTY STREET, NEW YORK CITY

PAVING FOR STABLES, DRIVEWAYS, COURTYARDS, ETC.
ADAMANTINE CLINKERS,
STAFF, BLUE TERRA METALLICS. QUARRIES, ETC.

Carter, S. C. & C. Co. (Wholesale Mfrs.), Keokuk, Iowa
Cream City Sash & Door Co. (Wholesale Mfrs.) 7th av & Park, Milwaukee, Wis.
Curtis Bros. Co. (Wholesale Mfrs.), Clinton Iowa
Curtis & Bartlett Co. (Wholesale Mfrs.), Lincoln, Neb
Curtis & Yale Co. (Wholesale Mfrs.), Minneapolis, Minn.; Milwaukee and Wausau, Wis
Cypress Tank & Mfg. Co. (Wholesale Mfrs.) Patterson, La
Dickey, A. & Co., 37 Bristol, Boston, Mass.
East Tacoma Mfg. Co. (Wholesale Mfrs.), Tacoma, Wash
Ehnborn, C. & Co., 19 N Jefferson, Chicago, Ill.
Empire Lumber Co. (Wholesale Mfrs.), Winona, Minn.
Foster-Munger Co. (Wholesale Mfrs.), W 20th & S Sangamon, Chicago, Ill
Gauger, Jno. A. & Co. (Wholesale Mfrs.), 22d & Laflin, Chicago, Ill
Gould Mfg. Co. (Wholesale Mfrs.), Oshkosh Wis
Gray's Harbor Commercial Co. (Wholesafe Mrs.), Cosmopolis, Wash
Hafner Mfg. Co. (Wholesale Mfrs.), Dock & Main, St. Louis, Mo.
Harris & Cole Bros. (Wholesale Mfrs.), Ceda. Falls, Ia.. & Columbia, Tenn
Hoyt, G. & Co., Kent av & Morton, Brooklyn, N. Y
Huttig Mfg. Co. (Wholesale Mfrs.), Muscatine, Iowa
I. X. L. & Goshen Pump Co., Goshen, Ind.
Leuckel, A. K. & Co., Trenton, N. J.
Lidell & Williams, 597 Austin av, Chicago, Ill
Lord, P. A. Lumber Co., La Grange, Ill.
McMillen, R. & Co. (Wholesale Mfrs.), Oshkosh. Wis
Mann, Watson & Co., Muskegon, Mich.
Mason & Co., Burlington, Vt., & 138 E 42d. N. Y
Menke & Grimm Planing Mill Co., Quincy, Ill
Missouri Stair Co. (Wholesale Mfrs.), 3900 Chouteau av, St. Louis, Mo.
Morgan & Co. (Wholesale Mfrs.), Oshkosh, Wis
OSIECKI, THOMAS J., 600 Kent av, Brooklyn, N. Y
Paine Lumber Co. (Wholesale Mfrs.), Oshkosh Wis., & 1 Madison av, N. Y
Palmer, Fuller & Co. (Wholesale Mfrs.), 2244 Lumber, Chicago, Ill
Pinches, Jno., New Britain, Conn.
Radford Sash & Door Co. (Wholesale Mfrs.) & 192 W 22d, Chicago, Ill.
Requarth, F. A. Co., Dayton, O.
Roach & Musser Sash & Door Co. (Wholesale Mfrs.), Muscatine, Iowa
Roberts, E. L. & Co. (Wholesale Mfrs.), W 22d & Union Place, Chicago, Ill
Rockwell Mfg. Co. (Wholesale Mfrs.), 6th av & Park, Milwaukee, Wis.
Schaller-Hoerr Co., 418 Blue Island av, Chicago, Ill.
Spangler, Frank (Newels, Balusters, Spindles, etc.), 323 Lafayette, Toledo, O.
Standard Wood Turning Co., 58 Bay, Jersey City, N. J
Starkweather, R. R. Co. (Wholesale Mfrs.), Oshkosh, Wis.
STEARNS, A. T. LUMBER CO., Neponsett, & 166 Devonshire. Boston, Mass (See adv. index, end of book)
Walter, Rudolph, 1940 1st av, N. Y.
Zimmerman, Chas. E., 204 Burnet av, Syracuse N. Y.

Stair Treads (Brass)

Holmes, Booth & Haydens Co., Waterbury Conn., & 37 Park pl, N. Y.
Hungerford, U. T. Brass & Copper Co., 497 Pearl, N. Y
Manhattan Brass Co., 338 E 28th, N. Y.
Waterbury Brass Co., Waterbury, Conn., & 122 Centre, N. Y

Stair Treads (Carborundum)

Empire City Safety Tread Co., 331 Adams, Brooklyn, N. Y.

Stair Treads (Cast Iron)

AMOS, CHAS. & CO., 94 W Larned, Detroit, Mich. (See adv. index, end of book)
Cheney, S. & Son, Manlius. N. Y.
Swett, A. L. Iron Works, Medina, N. Y.

Stair Treads (Rubber)

(See Mats & Matting, Rubber.)

Stair Treads (Wrought Steel)

American Mason Safety Tread Co. (Lead Filled) 40 Water, Boston, Mass
LAWES, GEO. H. & CO. (Mfrs'. Agents), 4th & Jackson, St. Paul, Minn. (See adv. index, end of book)
Universal Safety Tread Co. (Lead Filled), 45 B'way, N. Y.

Stairways (Moving)

(Also Known as Escalators.)

Link Belt Engineering Co., Nicetown, Phila. Pa.; 49 Dey, N. Y., & Park bldg, Pittsburg Pa
Otis Elevator Co., "Escalators," 17 Battery pl. New York
Reno Inclined Elevator Co., 553 W 33d, New York

Stake Pockets for Cars

AMERICAN BRAKE SHOE & FOUNdry Co. Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)
Davis Pressed Steel Co. (Pressed Steel), Wilmington, Del.
Pressed Steel Car Co., Pittsburg, Pa.
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)

Stake Tracks & Hatches

SOLTMANN, E. G. (For Engineers & Surveyors; also everything for the Architect, Engineer & Draughting Room), 125 E 42d, N. Y. (See adv. index, end of book)

Stakes (Logging Car)

Kilgore Machine Co., Minneapolis, Minn.
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)

Stakes (Tinners')

NIAGARA MACHINE & TOOL Works, Buffalo, N. Y. (See adv. index, end of book)

Stamping (Sheet Metal)

Acme Brass Mfg. Co., Chicago, Ill.
Advance Mfg. Co., Racine, Wis.
Avery Stamping Co., Lake & Coe, Cleveland, O.
Buckeye Stamping Co., Columbus, O.
Cincinnati Stamping Co., 24 W McMicken av, Cincinnati, O.
Burdick & Son, Albany, N. Y.
Bay State Stamping Co. (Sheet Metal), Worcester, Mass.
Cincinnati Tin & Japan Co., Canal & Sycamore, Cincinnati, O.
Clark, W. J.. Co., Salem, O.
Cleveland Stamping & Tool Co. (also Enameled & Polished Hollowware), Cleveland, O.
Climax Tag Co., 19 Keowee, Dayton, O.
Commercial Tool & Stamping Co., Woodbury, N. J.
Consolidated Fruit Jar Co., New Brunswick, N. J.
CROSBY CO., 177-187 Pratt, Buffalo, N. Y. (See adv. below)
Davis & Bluxton Stamping Co. (All Kinds), Worcester, Mass.
Domestic Novelty Mfg. Co., 25 Canfield, Newark, N. J.
Edmonds-Metzel Mfg. Co., 155 S Jeff'n, Chicago, Ill.
Fedders Mfg. Works (Light Stamping), Buffalo, N. Y.
Federal Mfg. Co., Elyria, O.
Foreman Can Co., Irwin, Pa.
Foyer Steel Stamping Co., Painesville, O.
Goodwin & Kintz Co. (Brass, Aluminum, Nickel, etc.), Winsted, Conn.
Grammes, L. F. & Sons, Allentown, Pa.
Greystone Mfg. Co. (Also Pressed Work), Greystone, Conn.
Houghton & Buxton Mfg. Co. (Of Every Description), Worcester, Mass.
Housatonic Mfg. Co. (Novelties & Specialties), New Haven, Conn.
Ireland & Matthews Mfg. Co. (Im. German Silver, Copper, Brass & Steel, also Spun & Drawn), Detroit, Mich.
Kinsey Mfg. Co., Dayton, Ohio
Konigslow, E. Stamping & Tool Works, 184 Champlain, Cleveland, O.
M'Dowell Mfg. Co. (Steel & Brass), 541 Wood, Pittsburg, Pa.
McKeel, Geo. A. & Co. (Point Bands, Shaft Tips, Special Shapes, etc.). Jackson, Mich.
MILWAUKEE CORRUGATING CO., Milwaukee, Wis. (See adv. index, end of book)
Mossberg, Frank Co., Attleboro, Mass.
Mossberg Wrench Co., Central Falls, R. I.
Milwaukee Automatic Machine Co., Milwaukee, Wis.
Matthews Mfg. Co., Worcester, Mass.
Novelty Mfg. Co., Waterbury, Conn.
Parish & Bingham Co., Cleveland, O.
Smith, Ira B. (Pressing & Stamping), Bristol, Conn.
Stortz, John & Son, 210 Vine, Phila., Pa.
Toledo Stamping Co., Toledo, O.
Vogel, Wm. & Bros., 37 S 9th, Brooklyn, N. Y.
Wilson & Smith (Also Forming), Worcester, Mass.
Worcester Pressed Steel Co. (Specialties), Worcester, Mass.

Stamping Works

Acme Shear Co., Bridgeport, Conn.
Adams & Westlake Co., Chicago, Ill.
Avery Stamping Co., Lake & Coe, Cleveland, O.
Briscoe Mfg. Co. (Galvanized Work, etc.), Detroit, Mich.
Brunswick Mfg. Co. (Light Metal), Brunswick, Me.
Central Stamping Co., 24 Cliff, N. Y.
Chicago Die & Electric Co., 87 W Lake, Chicago, Ill.
Cincinnati Stamping Co., 24 W McMicken av, Cincinnati, O.
Cincinnati Tin and Japan Co., Sycamore & Canal, Cincinnati, O.

SHEET METAL STAMPING AND DRAWING

We make a specialty of difficult drawing in heavy steel,
Also stampings of all kinds to replace malleable castings and forgings.

THE CROSBY COMPANY, - 177-187 Pratt St., BUFFALO, N. Y.

Columbian Enamelling & Stamping Co. (Enameled Wares), Terre Haute, Ind., & 31 Michigan av, Chicago, Ill.
CROSBY CO. (General Stamping & Drawing in Sheet Metals), 177-187 Pratt, Buffalo, N. Y. (See adv. bottom of preceding page)
Dover Stamping & Mfg. Co., Cambridge, Mass.
Dunlap, John Co. (Tin, Sheet Iron, Japanner, Galvanized & Enameled Ware Mfrs.), 112 Market, Carnegie, Pa.
Geuber & Paeschke Mfg. Co., St. Paul av & 15th, Milwaukee, Wis.
Hunt & Dorman Mfg. Co., Cleveland, O.
Iron Clad Mfg. Co.,4 Cliff, N. Y.
Janeway, W. F. (Tinware & Stamped Trimmings), 161 N Lazelle, Columbus, O.
Keim, Jno. R. (Sheet Metal), Kensington ave & Erie R. R., Buffalo, N. Y.
Lalance & Grosjean Mfg. Co., 19 Cliff, N. Y.
National Enameling & Stamping Co., Cass av & 2d, St. Louis, Mo., & B'way & White, N. Y.
North, O. B. & Co., New Haven, Conn.
North & Judd Mfg. Co., New Britain, Conn.
Parker, Charles Co., Meriden, Conn.
Quadriga Mfg. Co., 16 S Canal, Chicago, Ill.
Rochester Stamping Co. (Tinware), Rochester.
Sayre Stamping Co., Sayre, Pa. N. Y.
Shepard, Sidney & Co., Buffalo, N. Y., & 21 Cliff, N. Y.
Standard Stamping Co., 2000 N B'way, St. Louis, Mo.
Troy Stamping Works, Troy, N. Y.
Wallace, R. & Sons Mfg. Co., Wallingford. Conn.

Stamping & Drawing (Sheet Metal)

CROSBY CO. (Difficult Drawing in Heavy Steel), 177-187 Pratt, Buffalo, N. Y. (See adv. bottom of preceding page)

Stamps (Rubber & Metal)

Ness, Geo. M., Jr., 61 Fulton. N. Y.
Smith, R. H. Mfg. Co., 203 Main, Springfield, Mass.

Stamps, Shoes and Dies

(See Shoes & Dies, Stamp Mill.)

Stamps (Steel)

Butler, A. G., 284 Pearl, N. Y.
Detroit Rubber Stamp Co., 99 Griswold, Detroit, Mich.
Hanson, C. H. (of all kinds), 44 S Clark, Chicago, Ill.
Ness, Geo. M., Jr., 61 Fulton, N. Y.

Stamps (Steel Log)

Northwestern Stamp Works, St. Paul, Minn.

Stamps & Dies (Steel)

Adriance Machine Works, 254 Van Brunt, Brooklyn, N. Y.
Hatheway Mfg. Co., Bridgeport, Conn.
Hilles & Jones Co., Wilmington, Del.
Hoggson & Pettis Mfg. Co., New Haven, Conn.
Howard Iron Works, Buffalo, N. Y.
Konigslow, E. Stamping & Tool Works, 184 Champlain, Cleveland, O.
Loyd, Jno. Co., 558 Water, N. Y.
Richards Mfg. Co. (Ltd.), Bloomsburg, Pa.
Schwerdtle Stamp Co., Bridgeport, Conn.
Wilson & Smith, Worcester, Mass.

Stand Pipes

Abendroth & Root Mfg. Co., 99 John, New York, & Newburgh, N. Y.
Aurora Boiler Works, Aurora, Ill.
Burns Boiler & Mfg. Co., West De Pere, Wis.
Carroll-Porter Boiler & Tank Co., Empire bldg, Pittsburg, Pa. Works, Wellsville, O.
CHICAGO BRIDGE & IRON CO., W 105th & Throop, Chicago, Ill. (See adv. index, end of book)
Coatesville Boiler Works, Coatesville, Pa., & Fidelity bldg, Phil., Pa.
Cole, R. D. Mfg. Co., Newnan, Ga.
Columbiana Boiler Co., Columbiana, O.
Cunningham Iron Co., Boston, Mass.
Enterprise Boiler Co., Youngstown, O.
FAIRBANKS' MORSE & CO. (Railroad "Sheffield"), Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av., St. Louis; 1217 Union av., Kansas City, Mo.; 234 E. 3d, St. Paul; 220 Nicollet av., Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oregon; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book,
Freeman, S. & Sons Mfg. Co., Racine, Wis.
Frick, Horace E. Co., 715 St. James, Phila., Pa.
Gem City Boiler Co., Dayton, O.
Girard Boiler & Mfg. Co., Girard, O.
Hartley Boiler Works, Montgomery, Ala.
Hay Foundry & Iron Works, 9 Plumb Point lane, Newark, N. J., & 141 B'way, N. Y.
Hodge Boiler Works, Sumner nr N. Ferry, East Boston, Mass.
Koven, L. O. & Bro., 50 Cliff, New York
Keeler, E. Co., Williamsport, Pa.
Lookout Boiler & Mfg. Co., Chattanooga, Tenn.
Lombard Iron Works & Supply Co., Augusta, Ga.
McNeil Boiler Co., Akron, O.
McNeil, James & Bro. Co., 29th & A. V. Ry., Pittsburg, Pa.
Means & Fulton Iron Works, Birmingham, Ala.
Meehan Boiler & Construction Co., Lowellville, O.
Michelmann Boiler Co., Quincy, Ill.
MINNEAPOLIS STEEL & MACHIN-ery Co., Minneapolis, Minn. (See adv. index, end of book)
Munroe, R. & Sons Corporation, 23d & Smallman, Pittsburg, Pa.
Muskegon Boiler Works, Muskegon, Mich.
Otto Gas Engine Works, 360 Dearborn, Chicago, Ill.
PETROLEUM IRON WORKS CO., Washington, Pa., & Farmers' Bank bldg, Pittsburg, Pa. (See adv. index, end of
Pollock, Wm. B. Co., Youngstown, O. book)
Portland Co., Portland, Me.
Rarig, A. K. Engineering Co., 5th av nr Alum Creek, Columbus, O.
Reeves Bros. Co., Alliance, O.
Riter-Conley Mfg. Co., 56 Water, Pittsburg, Pa., & 39 Cortlandt, New York
Schreiber, L. & Sons Co., 8th & Eggleston av, Cincinnati, O.
Sharon Boiler Works, Sharon, Pa.
SIMMONS, JOHN CO., 106 Centre, New
Sotter Bros., Pottstown, Pa. York
Springfield Boiler & Mfg. Co., Springfield, Ill.
Star Boiler Works, Clinton, Ia.
Struthers-Wells Co., Warren, Pa.
Tippett & Wood, Phillipsburg, N. J.
U. S. Wind. Engine & Pump Co., Batavia, Ill.
Variety Iron Works Co., Cleveland, O.
Walsh & Weidner Boiler Co., Chattanooga, Tenn.
Warren City Boiler Works, Warren, O.
Wickes Bros., Saginaw, Mich.
Wood, R. D. & Co., 400 Chestnut, Phila., Pa.
York Mfg. Co., York, Pa.

Stand Pipes or Locomotive Water Cranes

(See Water Columns or Stations, Railroad.)

Stands (Emery Wheel)

Strait, H. N., Kansas City, Mo.

Staple Mfrs.

AMERICAN STEEL & WIRE CO., Rookery bldg, Chicago; 21 State, New York; Cleveland, O., & San Francisco, Cal. (See adv. index, end of book)
Atlas Tack Co., Fairhaven, Mass.
Austin & Eddy (Blind), 117 Broad, Boston
Brewer Bros. (Bar, Bolt, Bow, Latch, Mirror or Plate & Round), 614 Filbert, Phila., Pa.
Central City Bolt Co. (Nutted), Syracuse, N. Y.
Chicago Tack Co., 7800 Woodlawn av, Chicago, Ill.
CINCINNATI MFG. CO. (Wire), 1243 W 6th, Cincinnati, O. (See adv. index, end of book)
Cobb & Drew (Bed Spring, Broom, Pail, Barbed Blind, Basket Handle, Clamp, Steel Spring & Clinch, Hoop, Tube, Electricians' Poultry Netting, etc.), Plymouth, Mass., & Rock Falls, Ill.
Cuyahoga Steel & Wire Co. (Wire), Cuyahoga Falls, O.
Dillon-Griswold Wire Co. (Wire), Sterling, Ill.
Gaynor & Mitchell Mfg. Co. (Wire), Bridgeport, Conn.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.; 42 Cliff, New York, & 153 Lake, Chicago, Ill.
Grand Crossing Tack Co. (Wire), S Chicago av & 79th, Chicago
Humason & Beckley Mfg. Co., New Britain, Conn.
Indianapolis Staple & Tack Co., Indianapolis, Ind.
Indiana Steel Wire Co. (Wire Fence), Muncie, Ind.
Kokomo Steel & Wire Co. (Fence, etc.), Kokomo, Ind.
Lawrence Bros. (Hasp), Sterling, Ill.
Milwaukee Tack Co. (Wire), Milwaukee, Wis.
Norton Iron Works (Inc.), (Polished & Galvanized Wire), Ashland, Ky.
Pickering, Ridgeway S., Sharon Hill, Pa.
Pittsburg Steel Co., 307 4th av, Pittsburg, Pa.
Plymouth Mills, Plymouth, Mass.
Pratt, Wm. E. Mfg. Co. (Barbed, Blind, Netting, etc.), 91 Lake, Chicago
Reading Screw Co. (Wire, All Kinds), Norristown, Pa.
Rockford Bolt Works, Rockford, Ill.
Rockwell Clough Co. (Wire), Alton, N. H.
Sargent & Co., New Haven, Conn., & 151 Leonard, N. Y.
St. Louis Wire & Iron Co., 520 Chouteau av, St. Louis, Mo.
Stanley, George W. Co. (Barbed, Blind & Hoops), Belleville, Ill.
STANLEY WORKS, New Britain, Conn., & 79 Chambers, New York (See adv. index, end of book)
Superior Tack & Nail Co. (Coppered Casket Handles, Hoop, Galvanized, Poultry Netting, etc.). Pen Yan, N. Y.
Titchener, E. H. & Co. (Blind, etc.), Binghamton, N. Y.
Tower Mfg. Co. (Wire Clamp Electricians, Broom, Hoop, Harness, etc.), Front & Elm, Cincinnati, O., & Madison, Ind.
Townsend, G. G. (Barrell & Keg Hoop), Winchendon, Mass.
Wheeling Hinge Co., Wheeling, W. Va.
Wickwire Bros. (Wire), Cortlandt, N. Y.
Williamsport Staple Co., Williamsport, Pa.
Wire Goods Co. (Blinds & Wire), Worcester, Mass.
WRIGHT WIRE CO. (Wire of all Kinds), Worcester, Mass. (See adv. index, end of book)

Staples & Wire Shapes

COLLINS, EMMONS, 20 W Randolph, Chicago, Ill.

Stars (Iron)

Osborn Mfg. Co. (Hard Iron for Tumbling), 1331 Hamilton, Cleveland, O.

Statuary & Monuments (White Bronze

Monumental Bronze Co., Bridgeport, Conn.

Staybolt Iron

(See Iron, Staybolt)

Staybolts

Davenport, J. H. ("Davenport" Flexible), Lincoln. Neb.
Falls Hollow Staybolt Co., Cuyahoga Falls, O.

Flannery Bolt Co. ("Tate" Flexible), Pittsburg, Pa.
Hoopes & Townsend Co. (Hollow & Solid Steel), 1330 Buttonwood, Phila., Pa.
Independent Rolling Mill Co. (Solid & Hollow), Cuyahoga Falls, O.
Thompson, Chas. A. (Acme Flexible), 516 N 3d. St. Louis, Mo.

Stays (Fence)

B. B. Fence Co. ("B. B."), Peru, Ind.
Crescent Metallic Fence Stay Co., Covington, O.
Globe Fence Co., Delevan, N. Y.
Simmons & Sons, Spokane, Wash.

Stays (Stair Rail)

Brewer Bros. (Wrought, Screw, Drive or on Plate), 614 Filbert, Phila., Pa.

Steam Boilers

(See Boilers, Various Kinds.)

Steam Engines

(See Engines, Various Kinds.)

Steam Fitters

(See Heating Contractors, Steam and Hot Water; also Plumbers, Gas and Steam Fitters.)

Steam Fitters' Supplies (Jobbers)

(The Firms in Plumbers Supplies, Jobbers, is a Duplication of This Trade.)
(For Manufacturers of Steam Specialties See Specific Article.)

ALABAMA

ANNISTON—Anniston Supply Co.
BIRMINGHAM—Knauff, R. & Co.
Lum, Geo. E. Machinery & Supply Co.
Milner & Kettig Co.
Moore & Handley Hdw. Co.
MOBILE—Barney-Cavanagh Hdw. Co.
Cunningham Hardware Co.
Mellett, Richard
Southern Supply Co.
MONTGOMERY—Liddell Machinery & Supply Co.
Lum Machinery Co.

ARKANSAS

CAMDEN—Camden Machinery & Supply Co.
FT. SMITH—Atkinson-Williams Hardware Co.
Ayres & Co.
Speer Hardware Co.
LITTLE ROCK—Wehrfritz, E. C. Machinery & Supply Co.

CALIFORNIA

FRESNO—Kutner-Goldstein Co.
LOS ANGELES—Busch, A. H. Co., 150 N Los Angeles
CRANE CO. (of Chicago). (See adv. index, end of book)
FAIRBANKS, MORSE & CO. (of Chicago), 136 Los Angeles. (See adv. index, end of book)
Harper & Reynolds Co., 152 N Main
Herron, R. H. Co., 214 N Los Angeles
Holbrook, Merrill & Stetson (of San Francisco), 675 San Fernando
Hooker, Jno. D. Co. (Inc.), 130 S. Los Angeles
Montague, W. W. & Co. (Inc.), (of San Francisco), 122 N Los Angeles
Pacific Coast Mfg. Co., 126 S Los Angeles
Union Hardware & Metal Co., 216 N Los Angeles
Warren & Bailey Mfg. Co., 302 S Los Angeles
OAKLAND—Barker & Kinney Co.
Rose, F. M. & Son
PASADENA—Pasadena Hardware Co.
SACRAMENTO—Chapin, W. W.
Holbrook, Merrill & Stetson (of San Francisco)
SAN FRANCISCO—Baker & Hamilton (Inc.), Pine & Davis
Barker & Kinney (of Oakland), 133 2d
Bay City Engineering & Supply Co., 322 Howard
CRANE CO. (of Chicago). (See adv. index, end of book)
Dalziel-Moller Co., 555 Mission
Dunham, Carrigan & Hayden Co., 17 Beale
FAIRBANKS, MORSE & CO. (of Chicago), 310 Market
Garrett, W. T. & Co., 138 Fremont
Holbrook, Merrill & Stetson, 225 Market
Marwedel, C. W., 58 1st
Montague, W. W. & Co., 309 Market
Moore, Chas C. & Co., 32 1st
O'Brien, Michael, 142 1st
Pacific Hardware & Steel Co., Fremont & Mission
Tay, Geo. H. Co., 49 1st
Wagner, Jos. Mfg. Co., 101 Mission
Woodin & Little, 314 Market
SAN JOSE—Stock, Jno. Sons
STOCKTON—Austin Bros.

COLORADO

CRIPPLE CREEK—Cripple Creek Mine & Supply Co.
DENVER—Creswell, Jos. Mfg. Co., 1634 Blake
Denver Engineers' Supply Co., 1431 Curtis
FAIRBANKS, MORSE & CO. (of Chicago), 1600 17th
Goff, Frank C. & Co., "Heating Apparatus, etc.," Temple Court
Hendrie & Bolthoff Mfg. & Supply Co., 1621 17th
Mine & Smelter Supply Co., 17th & Blake
O'Fallan, M. J. Supply Co., 1518 Wynkoop
RICO—Rico Hardware Co.
S. H. Supply Co., 22d & Larimer
VICTOR—Teller County Mining Supply Co.

CONNECTICUT

BRIDGEGPORT—Engineering Supply Co.
Hartford Mill Supply Co.
Mills, L. H., 28 Middle
DANBURY—Danbury Hardware Co.
Hoyt, H. W. Co.
DERBY—Hallock, F. Co.
HARTFORD—Bidwell, J. C. & Co.
Knox, Frank J. Co.
Olds & Whipple
Plimpton & Hills Corporation
MERIDEN—Cashen, Wm. B.
MIDDLETOWN—Donovan, Jas.
Hale & Kelsey
Mills, Lyman D.
NAUGATUCK—Page, Jno. M. & Co.
NEW HAVEN—Foskett & Bishop Co., Grand av, c R R av
Mersick, C. S. & Co., 292 State
Peck Bros & Co., 127 Chestnut
Sheahan & Groark, 285 State
NEW LONDON—Darrow & Comstock Co.
Hopson & Chapin Mfg. Co.
NORWALK—Jones & Hotchkiss Co.
NORWICH—Barstow, J. P. & Co.
Brown, Robt.
Page, W. H. Boiler Co.
PUTNAM—Putnam Foundry & Machine Corporation
TORRINGTON—Agard Hardware Co.
Perkins, E. A. Electric Co.
WALLINGFORD—McCormick Heating Co.
WATERBURY—Barlow Bros Co.

DELAWARE.

WILMINGTON—Delaware Electric & Supply Co., Shipley
Speakman Supply & Pipe Co.

DISTRICT OF COLUMBIA

WASHINGTON—McCubbin, C. J. Co., 423 10th N. W.
Mitchell, John Jr., 1000 Penn av, N. W.
Schafer, E. G. & Co., 424 11th, N. W.
Somerville, Thos. & Sons, 316 13th, N. W.

FLORIDA

JACKSONVILLE—Christopher, Jno. G.
Florida Hardware Co. (Inc.)
Hubbard, S. B. Co. (Inc.)
KEY WEST—Curry's, Wm. Sons
OCOLA—Masters, H. B.
ORLANDO—South Florida Foundry & Machine Works
PENSACOLA—Wicke & Co.

GEORGIA.

AMERICUS—Sheffield-Huntington Co.
ATLANTA—Atlanta Supply Co.
Beck & Gregg Hardware Co.
Cotton States Belting & Supply Co.
General Supply Co.
AUGUSTA—Lombard Iron Works & Supply Co.
MACON—Schofield, J. S. Sons Co.
ROME—Batley Machinery Co.
SAVANNAH—Palmer Hardware Co.
Rourke, Jno. & Sons
Weed, J. D. & Co.
WAYCROSS—Harley, P. M. Hardware Co.

IDAHO

BOISE—Coffin-Clinton Hdw. Co.

ILLINOIS.

BATAVIA—U. S. Wind Engine & Pump Co.
BELLEVILLE—Karr Supply Co.
BLOOMINGTON—Keiser-Van Leer Co.
CAIRO—Woodward Hardware Co.
CHICAGO—Advance Packing & Supply Co., 55 S Canal
American Radiator Co., "O. K. Distributors," 282 Michigan av
CARPENTER, GEO. B. & CO., 202 S Water. (See adv. index, end of book)
Carroll Iron Works, 719 Carroll av
Channon, H. Co., 24 Market
Chicago Engineer Supply Co., 112 Lake
Chicago Heater & Supply Co., 56 Dearborn
Clow, Jas B. & Sons, 342 Franklin
CRANE CO., 10 N Jefferson. (See adv. index, end of book)
Crawford, W. H. & Co., 167 Plymouth
Davies Warehouse & Supply Co., 22 N Clark
Davis, Jno. Co., 22d & Halsted
Deschauer, Stephen, 334 Blue Island av
Dugger-Clark Supply Co., 34 Clark
FAIRBANKS, MORSE & CO., Franklin & Monroe. (See adv. index, end of book)
GORTON & LIDGERWOOD CO. (Boiler, Radiators, Valves, etc.), 84 Van Buren. (See adv. index, end of book)
Gould Co., 24 N Canal
Hardin, Jno., 4543 Cottage Grove av
Henion & Hubbell, 65 N Jefferson
Hennebohle, Frank, S. Chicago & Erie aves
Holland Radiator Co., 38 Dearborn
Illinois Malleable Iron Co., 30 W. Monroe
International Heater Co. (of Utica, N. Y.), 48 Dearborn
Jenkins Bros., "Mfrs. & Jobbers," 31 N Canal
Kellogg-Mackay-Cameron Co. (Radiators, Boilers, etc.), 222 Lake
Kelly & Jones Co. (of Pittsburg, Pa.), 59 Clark
Kewanee Boiler Co. (of Kewanee, Ill.), 167 Lake
Kroeschell Bros. Co., 55 Erie
Limbert, Geo. B. Co., 49 Fulton
Lyon, Sam & Son, 8 N Canal
McCrea, Jas. & Co., 67 W Wash'n
McDonald, A. Y., 86 Lake
McLeod Co., 73 Fulton
McMaster, Davis Supply Co., 160 Lake
MANNING, MAXWELL & MOORE, 22, 24 & 26 S Canal. (See adv. index, end of book)
Morgan & Co. (Full Saving Devices for Steam & Hot Water Heating Plants), 40 Dearborn
Morrison, Angus, 399 Lincoln av
Nelson, Henry Co., 217 Milwaukee av
Sanitary Specialty Mfg. Co., 57 N Clinton
Scott Valve Co., 32 W Randolph
Seehausen, Wehrs & Co., 11 S Canal
Sorge, A. Jr., & Co., Monadnock blk

Steamfitters Supply Co., 40 Dearborn
Street, R. R. & Co., 184 Wash'n
United States Heater Co. (of Detroit), 52
Walsh, John F., 25 W. Lake Dearborn
Weir & Craig Mfg. Co., 2425 Wallace
Western Valve Co., 43 W Randolph
Williamson. R. & Co., 52 E. Lake
DECATUR—Oakes, Wm. L
ELGIN—Barclay, D. F.
GALVA—Muiford Heater Co.
JOLIET—Barrett Hardware Co.
KEWANEE—Kewanee Boiler Co.
Western Tube Co.
MOLINE—Moline Heating & Construction Co.
Moline Pump Co.
OTTAWA—Poundstone-Refior Hardware Co.
PEORIA—Kinsley & Mahler Co.
O'Brien Bros.
PERU—Brunner, Chas.
QUINCY—Best, E., Plumbing & Steam Heating Co.
ROCKFORD—America Heating Co.
Gregory Pump Co.
Ward Pump Co.
ROCK ISLAND—Channon, Perry Co.
SANDWICH—Enterprise Windmill Co.
SOMONAUK—California Windmill Co.

INDIANA.

AUBURN—Zimmerman Mfg. Co.
BLUFFTON—Marcy Mfg. Co.
BRAZIL—Crawford & McCrimmon Co.
BUTLER—Butler Co.
EVANSVILLE—Evansville Leather & Belting Co.
Grote Mfg. Co.
FORT WAYNE—Baltes Supply Co.
INDIANAPOLIS—Comstock & Coonse Co., 371 S Meridian
FAIRBANKS, MORSE & CO. (of Chicago).
Hide, Leather & Belting Co., 227 S. Meridian
Indianapolis Belting & Supply Co. (J. W. Faust, Prop.), 18 S Capitol av
Knight & Jillson Co., 121 S Penn
KENDALLVILLE—Flint & Walling Mfg. Co.
LOGANSPORT—Hilebrandt, John J. Co.
MICHIGAN CITY—Staiger Hardware Co.
MUNCIE—Kelser, Geo. & Co.
Muncie Gas Engine & Supply Co.
Rutherford Bros. Co.
NOBLESVILLE—Clark Supply House
RICHMOND—Jones Hardware Co. (Jobbers)
Richmond City Mill Works
Zolier & Craighead
TERRE HAUTE—Freitag, Weinhardt & Co.
Prox & Brinkham Mfg. Co.
Prox & Burget Co.
Watson, D. W. Sons Co.
UNION CITY—Knapp Supply Co.

IOWA.

CEDAR RAPIDS—Cedar Rapids Pump Co.
Chandler Pump Co.
Fawcett, C. E.
Iowa Windmill & Pump Co.
Kubias, F. & Co.
DAVENPORT—Davenport Heating & Plumbing Co.
DES MOINES—Beckman Bros.
Dempster Mfg. Co.
Des Moines Mfg. & Suppiy Co., Court av
Globe Machinery & Suppiy Co.
Kurtz, L. H.
DUBUQUE—Deckert, W. Co.
McDonald, A. Y. & Morrison Mfg. Co.
Smedley Steam Pump Co.
ELDORA—Shafer, Walker & Co.
FT. DODGE—Leighton Bros.
KEOKUK—Gate City Gas Construction Co.
Sutton, Wm. P.
MUSCATINE—Barry Mfg. Co.
OSKALOOSA—Ideal Heating Co.
Iowa Mfg. Co.
SIOUX CITY—**CRANE CO. (of Chicago).** (See adv. index, end of book)

KANSAS.

ATCHISON—Searles Bros. Windmill & Pump Co.
EMPORIA—Griffith, Jas. H. & Co.
JUNCTION CITY—Pearce & Zeigler
LEAVENWORTH—Great Western Mfg. Co.
TOPEKA—Bromich, Jos.
WICHITA—Rodolf, R. O.

KENTUCKY.

ASHLAND—Ashland Foundry & Machine Works
Henderson, Thos. & Son
LOUISVILLE—Ahrens & Ott Mfg. Co. (Inc.), 325 W. Main
Cowan, Andrew & Co., 435 W Main
FAIRBANKS, MORSE & CO. (of Chicago), 519 Main
Howe Mfg. Co., 1107 W Main
Laib Co., 153 5th
McWilliams, Jos. & Co., 323 W Main
Pyne, W. T., Mill & Supply Co., 1301 W Main
Vogel, P. A. & Sons, 135 E Market
Waters-Garland Co., 433 W Main
OWENSBORO—Gunther Mfg. Co.

LOUISIANA

NEW ORLEANS—Ahrens & Ott Mfg. Co. (of Louisville, Ky.), 220 Common
Burt, C. S. Co. (Ltd.), 726 Gravier
FAIRBANKS CO. (of New York), 610 Canal. (See adv. index, page 1200)
Gibbens & Stream, 213 Canal
Haubtman & Loeb Co. (Ltd.), 222 S Peters
Lagan, M. D. (Ltd.), 108 Common
Louisiana Boiler & Sheet Iron Works Co. (Ltd.), 2344 Euphrosine
Manion & Co., 167 Baronne
Murphy, John H., 635 Magazine
Payne & Joubert, 423 Carondelet
Stauffer-Eshleman & Co., 511 Canal
SHREVEPORT—Henderson, W. K.
Vordenbaumen-Eastman Co. (Ltd.)

MAINE

AUGUSTA—Ward, Andrew D.
BANGOR—Babb, C. H. & Co.
Chamberlain, J. W. Co.
Leighton, Davenport & Co.
Union Iron Works
BIDDEFORD—Anthoine, Geo. A.
DEXTER—Fay & Scott (Inc.)
FAIRFIELD—Donnelly, D. B.
GARDINER—Robbin's, Chas. A. Son
LEWISTON—Carman-Thompson Co.
Goss, A. L. & E. F. Co.
Hall & Knight Hardware Co.
Pratt, T. Lloyd
Stetson, Jos. H. Co.
PORTLAND—Barbour, J & E. R., 8 Exchange
Blake, W. L. & C. (Inc.), 19 Commercial
Dunton-Chenery Co., 80 Union
Gerrish, J. J. & Co., 41 Commercial
Hersey, Geo. H.
Plummer, C. M. & H. T., 48 Union
Portland Stove Foundry Co., 39 Kennebec
Smith & Abbott Co., 72 Union
ROCKLAND—Lamson Hardware Co.
SANFORD—Emery P.
SEARSPORT—Sawyer, C. O. & Co.

MARYLAND

BALTIMORE—Aumen Machinery & Supply Co.
Basshor, Thos. C. Co., 28 Light
Brown, John & Sons, 722 E. Pratt
Carey Machinery & Supply Co. (Inc.), 117 S Fremont
Central Metal & Supply Co., 606 E Lombard
Clendenin Bros., 113 S. Gay
Crook-Horner Co., 301 N Howard
Cuyler & Mohler, 2326 Boston
Fairbanks Co. (of New York), 19 Light
Jordan Supply Co., 125 South
McShane, Henry Mfg. Co., 441 North
Mallory, Jeremiah D., 22 Light
Register's, J. & Sons Co., Holliday & Saratoga
Robertson, Jas. Mfg. Co., 30 Hanover
Spedden Supply Co., 913 S B'way
Stebbins, Wallace & Sons, Charles and Lombard
Wallace & Gale, 430 E Pratt
CUMBERLAND—McKaig, Merwin

MASSACHUSETTS.

ADAMS—Weston, Leroy A.
ATTLEBORO—Gifford, Jas. W. Co.
BOSTON—American Radiator Co. (of Chicago), "O. S. Distributors," 44 Oliver
Anderson, G. P., 73 Oliver
Atlantic Suppiy Co., 147 Milk
Bixby & Eddy Co., 75 Pearl
Blake & Andros, 28 Portland
Boston Engineers' Supply Co., 56 Purchase
Boston Steam Specialty Co., 168 Congress
Braman, Dow & Co., 239 Causeway
Brown-Wales Co., 73 Purchase
Chesterton, Arthur W. & Co., 64 India
Cunningham Iron Co., Sumner, B & Fargo
Cunningham, J. H. Co., 269 Congress
Dalton-Ingersoll Co., 169 High
D'Este, Julian Co., Boston, Mass.
Fairbanks Co., 40 Pearl
Gallison, Wm. H. Co., 36 Oliver
Gilchrist, Geo. E. Co., 106 High
Gurney Heater Mfg. Co., 74 Franklin
Hercules Iron & Supply Co., 427 Commercial
Hoey, Thos. Supply & Mfg. Co., 405 Atlantic av
Holmes & Blanchard Co., 39 Wash'n
Hubbard, W. B. & Sons Co., 176 Oliver
Jarvis Engineering Co., 61 Oliver
Jenkins Bros., "Mfrs. & Jobbers," 35 High
MANNING, MAXWELL & MOORE, 128 Oliver. (See adv. index, end of book)
Morse, Tenny & Co., 143 Pearl
Morton, Andrew M. & Co., 25 Wash'n
Noyes Mfg. Co., 47 India
Perrin, Seamans & Co., 57 Oliver
Perry, J. P. & Co., 12 Devonshire
Pierce, Butler & Pierce Mfg. Co. (of Syracuse, N. Y.), 50 Oliver
Roberts, Jas. H. & Co., 137 Portland
Sherburne & Co. (Gauges, Valves, Railway Supplies, etc.), 53 Oliver
Smith & Anthony Co., 48 Union
Smith & Thayer Co., 234 Congress
Sumner & Goodwin Co., 289 Congress
Walker & Pratt Mfg. Co., 33 Union
Walworth Construction & Supply Co., 100 Pearl
Walworth Mfg. Co., 128 Federal
Webb, F. W. Mfg. Co., 52 Elm
CHELSEA—International Heater Co. (of Utica, N. Y.)
FALL RIVER—Fall River Steam & Gas Pipe Corporation
Miller, Nathan
FITCHBURG—Johnson, W. C.
GARDINER—Royal Steam Heater Co.
HAVERHILL—Mills & McClintock
HOLYOKE—Holyoke Valve & Hydrant Co.
Russell, J. & Co.
LAWRENCE—Rutter, Wm. F. & Co.
LOWELL—Barker, H. R. Mfg. Co.
Farrell & Conaton
Middlesex Machine Co.
LYNN—Bourneuf, Louis & Co.
Trefethen, Frank L.
MIDDLEBORO—Pierce, Thos. W.
MILFORD—Ellis, Clark & Sons
NEW BEDFORD—New Bedford Boiler & Machine Co.
NORTH ADAMS—Hardenberg, Jas. W.
Hunter, Andrew W.
NORTH ATTLEBORO—Hall, Wm. M.
ORANGE—Chase Turbine Mfg. Co.
PITTSFIELD—Robbins, Gamwell & Co.
PLYMOUTH—Bailey, H. P. & Bro.
SPRINGFIELD—Gilbert & Barker Mfg. Co.
Hitchcock Supply Co. (Inc.)
New England Plumbing Supply Co.
Oliver & Howland C.o
Selvey-Wyckoff Co.
TAUNTON—Dighton Furnace Co.
WESTFIELD—Smith, H. B. Co.
WORCESTER—Braman, Dow & Co. (of Boston, Mass.
Callahan Suppiy Co.
Central Supply Co.
Washburn & Garfield Mfg. Co.

MICHIGAN

BAY CITY—Clements, J. & Son
Jennison Hardware Co.
Styninger, Jno. A.
CALUMET—Carlton Hardware Co.
DETROIT—Anderson, Kenneth Co., 35 E Atwater
Conkling, Sam'l P., 20 E Atwater
Detroit Heating & Lighting Co., Wight cor Lieb
Detroit Lead Pipe & Sheet Lead Works, 57 2d
Detroit Ship Building Co. (Brass Dept.), ft of Orleans
Edwards, H. D. & Co., 16 Woodward av

Fletcher Hardware Co., 61 W Woodbridge
FAIRBANKS, MORSE & CO. (of Chicago, Ill.), 89 Jefferson
Harvey's, A. Son's Mfg. Co. (Ltd.), 22 1st
Lane Bros., 232 Michigan av
McRae & Roberts Co., 227 Campbell av
Muzzy-Lyon Co., 58 Woodward av
Park & McKay Co., 55 Bagley av
Roe, J. A. Co., 12 E Atwater
Sales & Broad Co., 96 Jefferson av
Strelinger, Chas. A. Co., 98 Bates
United States Heater Co., 251 Campbell av
Walker, Jas. & Son (Inc.), 43 Jefferson av
Wormer, C. C. Machinery Co., 99 Woodbridge, W.
Wray-Austin Machinery Co., 171 Woodbridge, O.

GRAND RAPIDS—Ferguson-Marcellus Co.
Grand Rapids Supply Co.
Leitelt, Adolph Iron Works
Sproul & McCurrin
Studley & Barclay
IONIA—Webber, H. B. & Co.
JACKSON—Holton & Weatherwax
KALAMAZOO—Dutton, C. H. Co.
Smith & Pomeroy
LANSING—Michigan Supply Co.
MENOMINEE—Emerson Supply Co.
MUSKEGON—Howden, J. J. Co.
Towner Hardware Co.
PORT HURON—Boyce, S. L. & Son
SAGINAW—Eureka Heating and Ventilating Co.
Morley Bros. (Inc.)
Saginaw Hardware Co.
Wickes Bros.
SAULT STE MARIE—Soo Hardware Co.
WESTON—Vail & Smith

MINNESOTA

DULUTH—Marshall-Wells Hardware Co.
Northern Supply Co.
MANKATO—Mankato Mfg. Co.
MINNEAPOLIS—Bruchholz, August F., 215 S 3d
Central Supply Co., 314 S 3d
Dean & Co., 404 N Wash'n av
Engineering & Steam Supplies Co., 227 S 3d
FAIRBANKS, MORSE & CO. (of Chicago, Ill.), 220 Nicollet av
Gillmore-Rollins Co., 515 S 3d
Harris Machinery Co., 1013 Washington av
Minneapolis Tubular Well Co.
Plumbing & Steamfitting Supplies Co., 212 N 1st
ST. PAUL—Crane & Ordway Co., 248 E 4th
FAIRBANKS, MORSE & CO., (of Chicago), 234 E 3d
Robinson & Cary Co., 4th cor Wacouta
Rugg, H. P. & Co., 398 Jackson
Western Supply Co., 348 Wacouta
STILLWATER—Bronson, J. N.
WINONA—Green, Thos. J.
Toye, Michael

MISSISSIPPI

CORINTH—Adams, W. T. Machine Co.
MERIDIAN—Hyde, Chas. J.
NATCHEZ—Fetus Bros.
VICKSBURG—Mulligan, John J.
YAZOO CITY—Crane-Hinman Hardware Co.

MISSOURI

JOPLIN—Halyard Hardware Co.
Joplin Hardware Co.
McNeal & Co.
KANSAS CITY—Burton, Clarence A., 306 Delaware
CRANE CO. (of Chicago). (See adv. index, end of book)
English Iron Works Co., 408 W 5th
FAIRBANKS, MORSE & CO. (of Chicago, Ill.), 1217 Union av
Great Western Mfg. Co., 1221 Union av
Reeves Supply Co., 1008 Grand av
U. S. Water & Steam Supply Co., 1315 W 12th
Young, W. B. Supply Co., 212 Delaware
ST. JOSEPH—Horigan Supply Co.
ST. LOUIS—American Radiator Co. (of Chicago), 207 N 10th
Cahill-Swift Mfg. Co., 20 S 12th
Colcord, W. R. Machinery Co., 821 N 2d
CRANE CO. (of Chicago). (See adv. index, end of book)
FAIRBANKS, MORSE & CO. (of Chicago), 8th cor Clark av
Handlan-Buck Mfg. Co., 210 N 3d
Johnson, Wm. C. & Sons, 513 N 2d
Kupferle Bros. Mfg. Co., 600 N 2d
MANNING, MAXWELL & MOORE, 305 Frisco bldg. (See adv. index, end of book)
Materne Mfg. Co., 800 S 18th
Miller & Brockman, 214 Lucas av
National Plumbing Supply Co., 106 S 12th
Nelson, N. O. Mfg. Co., 8th & St. Charles
Powell Engineers' Supply Co., 400 N 2d
Rumsey, L. M. Mfg. Co., 806 N Main
Rumsey & Sikemeier Co., 1900 Pine
Spring, Harry C. Supply Co., 715 N 2d
Steam Appliance & Supply Co., Chemical bldg
Stockoff Supply Co., 107 N Main
Streett, J. D. & Co., 809 N 2d
Western Iron & Supply Co., 938 N 2d
WEBB CITY—Franz-Howell Hardware Co.
Webb City Iron Works

MONTANA

ANACONDA—Anaconda Copper Mining Co.
BUTTE—Montana Hardware Co.
HELENA—Holter, A. M. Hardware Co.
MISSOULA—Missoula Mercantile Co.

NEBRASKA

GREEN ISLAND—Upperman & Leiser
LINCOLN—Cooper & Cole Bros. (Inc.)
Western Supply Co.
OMAHA—**CRANE CO. (of Chicago).** (See adv. index ,end of book)
FAIRBANKS, MORSE & CO. (of Chicago), 1102 Farnum. (See adv. index, end of book)
Lehmer, Jos. R., 1212 Farnam
U. S. Supply Co., 1108 Harney

NEW HAMPSHIRE

BERLIN—Berlin Mills Co.
LANCASTER—Thompson Mfg. Co.
MANCHESTER—Lane, Thos. A. Co.
Manchester Heating & Lighting Co.
Pike & Heald Co.

NEW JERSEY

CAMDEN—Fullmer, A. J. & Co.
ELIZABETH—Elizabeth Hardware Co.
HOBOKEN—Elysian Supply Store Co.
JERSEY CITY—Griffing, A. A. Iron Co., 449 Communipaw av
Jersey City Supply Co., 12 Mercer
Perkins, Arthur L., 283 Warren
KEYPORT—Force & Wyckoff
NEWARK—Banister & Pollard, 206 Market
Chambers & Ainslee, 2 Commercial
Conover, J. B. & Co. (Inc.), 47 Mechanic
Denny Bros., 15 Mechanic
Egbert, W. V. & Co., 35 Mechanic
Gray, R., Jr., 190 Market
Johnson, W. T. & Co., 496 Broad
Macknet & Doremus, 796 Broad
Roe & Conover, 200 Market
NEW BRUNSWICK—Weigel, Philip, Jr.
ORANGE—Lindsley, John N.
PATERSON—McNab & Harlin Mfg. Co. (of new York)
Myers, G. A. & Co.
Van Winkle, J. A. Co.
TRENTON—Katzenbach, F. S. & Son
Warren, Balderston & Co.
WEEHAWKEN—Berger, Edw. W. & Bro.

NEW MEXICO

ALBUQUERQUE—Post, E. J. & Co.
Whitney & Co.

NEW YORK

ALBANY—Albany Hardware & Iron Co., 43 State
Bates, Edw. P. (of Syracuse), 310 B'way
Fairbanks Co. (of New York), 364 B'way
Wing, Robt. B. & Son, 62 Quay
ALBION—Waterman, G. M.
BINGHAMTON—Gaylord & Eitapenc Co.
Innes & Demarest Heater Co.
Shapley & Wells
BUFFALO—American Radiator Co. (of Chicago), Elmwood av
Bean, Schermerhorn & Co., 69 Main
Buffalo Machinery Co., 24 Burwell pl
Case, W. A. & Son Mfg. Co., 31 Main
Dixon & Ballou, Ellicott sq
Hamill, D. L., 60 Delaware av
Irlbacker's Sons, 533 Main
Niagara Radiator Co.
Plumbers' & Steamfitters' Supply Co., 246 Main
Ruckel, J. H. & Son, 81 Main
Schaefer & Co., 226 Ellicot
Whittet, Barret & Co., 61 Main
CANANDAIGUA—Cooley, A. E. & Co.
CORNING—Heermans & Lawrence
COHOES—Kavanaugh, Geo. W.
Sweet & Doyle ("Vincent" Valves, etc.)
GENEVA—Herendeen Mfg. Co.
New York Central Iron Works Co.
Vance Boiler Works
GOSHEN—Tuthill, T. D.
GREENPORT—Hedges, Samuel P.
HORNELLSVILLE—McGuire, Chas. F.
KINGSTON—Canfield Supply Co.
LOCKPORT—American District Steam Co.
Trevor Mfg. Co.
NEWBURGH—Smith, Albert C. & Co.

NEW YORK CITY

Borough of Brooklyn

BROOKLYN—Birkett, W. H., 68 Myrtle av
Delaney, Thos. M. & Co., 144 Flatbush av
Jacobs, Geo. P. & Co., 276 S 9th
Knight, Thos. G., 359 Pearl
McElraevy & Hauck Co., 440 Broadway
Munkenbeck Bros., 88 Hamilton av
Phillips, Doup & Co., 56 Pearl
Ronalds & Johnson Co. (of New York), 45 Boerum
Scollay, John A., 74 Myrtle av
Spencer & Haviland, 362 Livingston
Wilfert, Jno. & Co., 490 Bushwick av

Boroughs of Manhattan & Bronx

NEW YORK—Adee, Fred & Co., 44 Cliff
Aller, A., 47 Dey
American Radiator Co. (of Chicago), "O. S. Distributors," 42 E 20th
Barr, Edw., 78 John
Beals, H. H., 51 Cliff
Beggs, Jas. & Co., 109 Liberty
Behrer & Co., 81 Beekman
Burnet Co., 121 Maiden lane
Bushnell, John S. & Co., 126 Liberty
Campbell Supply Co., 161 E 54th
Clow, Jas. B. & Sons (of Chicago), 149 B'way
Colwell Lead Co., 51 Centre
Cornell & Underhill, 47 Beach
Covering & Supply Co., 401 G'wich
CRANE CO. (of Chicago), 490 Cherry. (See adv. index, end of book)
Curran, Jas. Mfg. Co., "Heating Apparatus," 512 W 36th
Dame & Townsend Co., 76 John
Dienst, A. P. & Co., 2604 3d av
Dimock & Fink Co., 220 E 125th
Du Bois, F. N. & Co., 243 9th av
Dunham, Carrigan & Hayden Co. (of San Francisco, Cal.), 127 Duane
Eaton, Cole & Burnham Co., 253 B'way
Fairbanks Co., cor Elm & Broome
FAIRBANKS, MORSE & CO. (of Chicago), 133 Liberty
Gallagher, Jos. E., 80 John
Giannini, G. W., 439 W 42d
Gibbons, Jno. V., 133 Greenwich
Gillis & Geoghegan, 539 W B'way
GORTON & LIDGERWOOD CO. (Boilers, Radiators, Valves, etc.), 96 Liberty. (See adv. index, end of book)
Greason Mfg. Co., 108 W 99th
Gurney Heater Mfg. Co. (of Boston), 111 5th av
Hiscox, W. T. & Co., "Iron Pipe Fittings, etc.," 95 Liberty
Howe, Alfred H., 49 Warren
Hull-Camp Co., 127 Worth
Humbert, Jas. S., 111 Cedar
Hussey, W. H. & Son, 148 W 35th

International Heater Co. (of Utica, N. Y.), 237 Water
Jenkins Bros., "Mfrs. & Jobbers," 71 John
Kay, Wm. H. Co., 224 Fulton
Keating, Edw. F. Co., 446 Water
Kellogg, McCrum, Howell Co., 46 E 20th
Lederman, Samuel, 89 Centre
Leonard & McCoy, 161 Washington
Locke & Smith, 103 W 37th
McLeod Co., 95 Liberty
McMann, Thos. R., 56 Gold
McMann & Taylor, 104 John
McNab & Harlin Mfg. Co., 56 John
McShane, Wm. Co., 711 6th av
MacSorley Co., 44 Manhattan
MANNING ,MAXWELL & MOORE, 85, 87 & 89 Liberty. (See adv. index, end of book)
Marine Mfg. & Supply Co., 157 South
Markt & Struller Co. (Exporters), 193 West
Mayor, Lane & Co., 128 White
Model Heater Co. (Steam Heating Apparatus, etc.), 346 B'way
Montgomery & Co., 105 Fulton
Motley, Green & Co. (Inc.), 68 Broad
Mott, J. L. Iron Works, 88 Beekman
Murray, John A., 625 6th av
Nason Mfg. Co., 71 Fulton
Nevins, Theo. M., 90 John
Pancoast, Rogers & Richards, 28 Platt
cuse), 254 4th av
Patterson, Gottfried & Hunter (Ltd.), 148 Centre
Pierce, Butler & Pierce Mfg. Co. (of Syracuse), 254 4th av
Pollock, Alex., 203 West
Ransom, Stephen (Inc.), 402 West
Roberts, Geo. I. & Bros., 471 4th av
Robertson, Jas. L. & Sons, 204 Fulton
Rogers, Henry A., 19 John
Ronalds & Johnson Co., 54 Cliff
Rumsey Pump & Machine Co., 35 Dey
Russell, W. A. & Co., 89 Centre
SIMMONS, JOHN CO., 106 Centre
Standard Plumbing Supply Co., St. Anu's av & 159th
Star Lubricating Co., 140 W 32d
Strong Machinery & Supply Co., 2½ Murray
Tucker, Cummings H., Jr., 135 Greenwich
Tufts, Walter B., 96 John
U. S. Heater Co. (of Detroit and Chicago), 129 Worth
Urquhart's, John S. Son Co., 46 Cortlandt
Van Vechten, Arthur Co. (Inc.), 44 Dey
Walker & Chambers, 50 E 20th
Walworth Mfg. Co. (of Boston), 15 Park Row

Borough of Queens

LONG ISLAND CITY—Brodie, Wm., 31 Vernon av

(END OF NEW YORK CITY.)

NIAGARA FALLS—Elberfield-Hartshorn Hardware Co.
NORTH TONAWANDA—Niagara Radiator Co.
OGDENSBURG—Nash Bros. & Co.
OSSINING—Barlow & Co.
POUGHKEEPSIE—Adriance, Peter & Co.
Poughkeepsie Foundry & Machine Co.
ROCHESTER—Howe & Bassett, 23 Stillson
Reynolds, Jas., 35 Mill
Sloan, Samuel & Co., 67 Exchange
SAUGERTIES—Lamb, Daniel
SCHENECTADY—Stevenson Bros.
SENECA FALLS—Rumsey & Co., Ltd. (Inc.)
SYRACUSE—Bates, Edw. P., 228 W Water
Joy, Edw., 125 Market
Kieffer Bros., 220 N Salina
McClure. R. C. Co., 329 S Clinton
Pierce, Butler & Pierce Mfg. Co.
Syracuse Supply Co. (Ltd.), 314 W Fayette
TONAWANDA—Gillie Engine & Machine Co.
TROY—Aird-Don Co., 411 River
Barnes, Wm. H., 14 1st
Barnum Bros. Co., 179 River
Cosley, H. A.
Horan, J. J. & Co., 215 River
Mahony Mfg. Co.
Mulligan & Schmerhorn, Troy Savings Bank bldg
Troy Belting & Supply Co., 6 Grand
UTICA—Bates, Edw. P., 38 Pearl
Breen Bros., 213 Genesee
International Heater Co., Park av nr Erie
Millar, Chas. & Son Co., 127 Genesee
WATERTOWN—Hunting Co.,
Spratt & Corcoran
Weekes, Jno. & Son

NORTH CAROLINA

CHARLOTTE—Charlotte Supply Co.
Dowd & King Supply Co.
General Fire Extinguisher Co.
Tompkins, D. A. & Co.
GOLDSBORO—Dewey Bros.
GREENSBORO—Odell Hardware Co.
NEW BERN—Hyman Supply Co.
RALEIGH—Young & Hughes
WINSTON-SALEM—Crawford & Ragland

OHIO

AKRON—Morgan & Bunnell Co. (Pipe & Fittings, Etc.)
Rohrbacher & Allen
Standard Hardware Co.
CANTON—Canton Hardware Co.
McLain, J. H. Co.
Miller Co.
Novelty Iron Co.
CINCINNATI—Bourbon Copper & Brass Works, 618 E Front
Crane-Hawley Co., N. W. cor Syracuse & Canal
Deckebach, F. S. Sons Co., 129 W Court
FAIRBANKS, MORSE & CO. (of Chicago), 307 Walnut
Geerin Bros. & Co., 422 E 8th
Hesterburg, Robt. & Co., Spring Grove & Gerrard avs
Johnston, Wm. T. Co., 520 Main
Kinsey, E. A. Co. (Machine Shop Machinery, Tools & Supplies), 331 W 4th
Laidlaw-Dunn-Gordon Co., 211 W 4th
McGowan, John H. Co., 54 Central av
Merkel Bros., 318 W 3d
Merrie, Hugh, 226 E 9th
Nichol, Thos. J. & Co., cor Pearl & Ludlow
Riegler-Hauck Co., 322 W Pearl
Queen City Supply Co., 207 W Pearl
Whitman & Barnes Mfg. Co., 214 E 8th
CLEVELAND—Bingham, Wm. Co., 146 Water
Bliss, Harry A., Arcade bldg
Buckeye Heating & Supply Co., 9 Court pl
Chafer & Becker, 156 Champlain
Crawford, P. R. Heating & Mfg. Co., 9 Cooper
FAIRBANKS, MORSE & CO. (of Chicago), 99 Water
Fisher, E. W. Co., 521 Superior
Kennedy Co., 438 Huron
McIntosh Hardware Corp'n, 116 Superior
MANNING, MAXWELL & MOORE, Williamson bldg. (See adv. index, end of book)
Metal Sales Co., Citizen's bldg
Pattison, W. M. Machinery Co., 263 St. Clair
Sanitary Co., 306 Prospect
Standard Mfg. Co. (of Pittsburg, Pa.), 210 Huron
STRONG, CARLISLE & HAMMOND Co., 61 Frankfort. (See adv. index, end of book)
Worthington, Geo. Co., 99 St. Clair
COLUMBUS—Andrews & Barnes, 45 W Broad
Ascher, Fox Co., 288 N High
Columbus Supply Co., 161 N High
Miller, W. H. Co., 80 W Broad
DAYTON—Buckeye Iron & Brass Works
Dayton Supply Co.
Patterson Tool & Supply Co.
Weed & Co.
DEFIANCE—Defiance Machine Works
FINDLAY—Adams Bros. Co.
Findlay Sucker Rod Co.
Went Bros.
Wyssbrod, E. V. & Co.
GREENVILLE—Ross Supply Co.
HAMILTON—Walker, John L.
MANSFIELD—Barnes Mfg. Co.
Humphryes Mfg. Co.
Ohio Brass Co.
MARIETTA—Ohio Valley Supply Co.
MIDDLETOWN—Drayer, W. H.
NAPOLEON—Heller, Adler & Co.
SPRINGFIELD—Victor Supply Co.
TOLEDO—Arbuckle-Ryan Co., 724 Monroe
Grosswiller, Jos. F. Supply Co., 813 Jefferson
National Supply Co., 3 St. Clair
Toledo Supply Co.
TROY—Coles, Schaible & Smith
Hatfield & Scott
WARREN—Warren Hardware Co.
YOUNGSTOWN—Morris Hardware Co.
Scholl & Semple Co.
Stambaugh-Thompson Co.
ZANESVILLE—Le Roy, Jos. A.

OREGON

ASTORIA—Fisher Bros.
PORTLAND—Corbett, Failing & Robertson (Inc.), 84 Front
CRANE CO. (of Chicago). (See adv. index, end of book)
FAIRBANKS, MORSE & CO. (of Chicago)
Gauld & Kline Co., 44 1st
Loewenberg & Going Co., 84 Front
McPherson, W. G., 41 N 1st

PENNSYLVANIA

ALLEGHENY—Carlin Machinery & Supply Co.
ALLENTOWN—Albright, Son & Co.
Taylor, Wm. H. & Co.
ALTOONA—Standard Supply & Equipment Co.
ASHLAND—Buck, Peter E. & Sons
BETHLEHEM—Lilly, Bobt. J.
Rice, Fred J.
BRADFORD—Bovaird & Seyfang Mfg. Co.
Emery, L., Jr., & Co.
Oil Well Supply Co. (of Pittsburg)
BRIDGEPORT—Coates, Samuel
BUTLER—Campbell, J. G. & W.
Kesselman & Co.
Messeth & Black
CARBONDALE—Van Bergen & Co.
CHAMBERSBURG—Gilbert, Daniel
CHESTER—Riley, Benj. F.
CHICORA—Hays, E. F. & Sons
Hoch Bros.
Johnson, C. H.
CLARION—Magee, John A. & Son
CONSHOHOCKEN—Bate, Wm. T. & Son
CORRY—Barlow Hardware Co., Ltd.
DU BOIS—Du Bois Iron Works
DUKE CENTER—Berry & Duke
EASTON—Norton, H. M.
EMLENTON—Bennett, Jas.
Mitchell, H. B. & Co.
Weller, J. A. & Sons
ERIE—Erie Mfg. & Supply Co.
Jarecki Mfg. Co.
ETHEL LANDING—Laughner, E. B.
FRANKLIN—Emery, W. N. & Son
Franklin Supply Co.
Maloney, Geo.
FREELAND—Birchbeck, Wm.
Freeland Plumbing & Plumbers' Supply Co.
GREENSBURG—Kelly & Jones Co.
GREENVILLE—Packard Hardware Co.
HARRISBURG—Harrisburg Steam Heating & Power Co.
Mather, Edmund, 2d & Walnut
HAZLETON—Bright, J. C. & Co.
Hazleton Machinery & Supply Co.
JOHNSTOWN—Johnstown Supply House
Swank Hardware Co.
KINGSTON—Roat, A. J.
LANCASTER—Best, Jno. (Est. of)
Central Machine Works
Reilly Bros. & Raub
Steinman Hardware Co.
LATROBE—Gilligan, Jno.
LEBANON—Krause, Geo. & Co.
LEWISBURG—Proctor, G. W. & Sons
LINDSEY—Porter, G. W. & Son
MEADVILLE—Lord, L. L. Co.
MECHANICSBURG—Hauck Bros.
MEYERSDALE—Shipley Hardware Co.
MT. JOY—Moyer, Gabriel
OIL CITY—Logan, A. W.
Logan, Robt.
National Transit Co. (of New York)
Oil Well Supply Co. (of Pittsburg)
United Hardware & Supply Co.
PHILADELPHIA—American Radiator Co. (of Chicago), "O. S. Distributors," 622 Arch
American Supply Co., Betz bldg
Belfield, H. & Co., 435 N Broad
Bell, Harry E. & Co., 212 Church
Billington, J. H. Co., 113 Chestnut
Blessing, C. A., 516 Montgomery av
Bond, Chas., 520 Arch
Bowman, H. L. & Co., 31 S 4th
Bridgman Bros. Co., 19 N 7th
Brogan & Co., 810 Race
Cox & Sons Co., 215 Race
CRANE CO. (of Chicago), 220 S. 5th. (See adv. index, end of book)
Fairbanks Co., 701 Arch
Fleck Bros., 44 N 5th
Ford & Kendig Co., 1432 Callowhill
Froelich Bros., 142 N 7th
Getze & Bro., 507 Arch
Griffing, A. A. Iron Co. (of Jersey City), 380 Phila. Bourse
Haddock, Chas., 343 N 3d

Haines, Wm. S. Co., 136 S 4th
Haines, Jones & Codbury Co., 1136 Ridge av
Hartman Co., 1231 N Front
Hunter & Dickson Co., 241 Arch
Huyette, Paul B., 1225 Betz bldg
Irwin, Geo. D., 634 Arch
Jenkins Bros., 133 N 7th
Mancely, John, 309 Arch
MANNING, MAXWELL & MOORE, 728 Arch. (See adv. index, end of book)
Model Heating Co. (Steam Heating Apparatus, etc.), 716 Arch
Owen & Salter, 452 N 12th
Pancoast, Henry B. & Co., 243 S 3d
Penn Engineering Co., 312 Cherry
Perkes, Chas., 627 Arch
Pierce, Butler & Pierce Mfg. Co., 24 S 7th
Powell & Maddock, 38 N 6th
Rainear, C. J. & Co., 518 Arch
Ronalds & Johnson Co. (of New York), 139 N 7th
Sees & Faber, 2010 N Front
Shuster Foundry Co., N E cor Franklin & Willow
Spaulding & Metcalf, 532 Arch
Stambach & Love, 50 N 7th
Standard Supply & Equipment Co., 1710 Market
Tatnall Engineering Co., Arcade bldg
Toomey, Frank J., 131 N 3d
Watt's, John M. Sons, 123 S 2d
Webb, Elisha & Son, 43 S Water
Whetstone & Co. (Inc.) (Pipe & Fittings, etc.), 911 Filbert
Williamson & Cassedy, 526 Market

PHOENIXVILLE—Casswell & Moore

PITTSBURG—Ammon, F. A. B., Westinghouse Anchor Sanitary Co., 123 3d av bldg
Bailey-Farrell Mfg. Co., 3d & Ross
Bonar, Jas. & Co., Frick bldg
Bovaird & Seyfang Mfg. Co. (of Bradford, Pa.), 548 2d av
Duquesne Sanitary Co., 226 2d av
Duquenese Supply Co., 202 Market
Frick & Lindsay Co., 109 Wood
Harris Pump & Supply Co., 322 2d av
Heyl & Patterson, 51 Water
Hickman, V. Q., 231 3d av
Hyde Bros. & Co., 605 Smithfield
Jarecki Mfg. Co. (of Erie, Pa.), 1005 Liberty av
Kelly & Jones Co., 135 Water
McKnight & Victory, 413 4th av
MANNING, MAXWELL & MOORE, Park bldg. (See adv. index, end of book)
Oil Well Supply Co., 213 Water
Pittsburg Gage & Supply Co., 307 Water
Pittsburg Supply Co., 444 1st av
Pittsburg Valve Fdry. & Construction Co., 5th & Duquesne way
Reineke, Wilson Co., 15 Wood
Russell Machinery Co., 28th & A. V. Ry.
Somers, Filter & Clarke, Ltd., 327 Water
Standard Supply & Equipment Co., 811 Liberty av
Turner, Chas. E., 14 Market
Valley Supply Co., 210 Water

POTTSVILLE—Bright & Co.
Pottsville Supply Co.

POTTSTOWN—Fegely, J. & Son

READING—Boyer & Bro., 132 Church
Bright & Co., 504 Penn av
Connard, Henry, 6th & Chestnut
Greth Machine Works (Inc.), 629 Franklin
Reading Scale & Machine Co.
Stichter Hardware Co.
Xander Machine & Supply Co. (Ltd.)

SCOTTDALE—Kenney & Co. (Inc.)

SCRANTON—Beckwith, Chas. & Co.
Everhart Brass Works
Foote & Shear Co.
Gordon Supply Co., Ltd.
Hunt, Alex. E.
Scranton Supply & Machinery Co.

SHAMOKIN—Shamokin Hardware Co. (Peter E. Buck & Sons, Props.)

SHARON—Fruit-Ohl & Co.

SOMERSET—Schell, P. A.

STONEBORO—Hines, H. Q.

TITUSVILLE—Bryan, S. S.
Kernochan & Co.
United Hardware & Supply Co.

TUNKHANNECK—Billings, Paul & Sons

UNIONTOWN—Union Supply Co.

VANDEGRIFT—Hamilton, S. W.

WARREN—Picket Hardware Co., Ltd.

WILKESBARRE—Carpenter, B. G. & Co.
Phelps, Straw & Co.
Pennsylvania Supply Co.

WILLIAMSPORT—Keeler & Co.
Kline & Co.
Moltz, Jacob J.

YORK—Small, P. A. & S.

RHODE ISLAND

PAWTUCKET—Jackson, Samuel Co.
Pawtucket Steam & Gas Pipe Co.

PROVIDENCE—Allen & Reed (Inc.), 125 Eddy
American Supply Co., 11 Eddy
Brown Bros. Co., 62 Exchange pl
Burton, David, 25 Page
Conlin, J. C., 47 Wash'n
General Fire Extinguisher Co., 301 W Exchange
Phillips Lead & Supply Co., 91 S Main
R. I. Supply & Engineering Co., 156 W Exchange
Standard Mill Supply Co., 39 Exchange pl
Winsor, Ira A. & Co., 122 Dorrance

SOUTH CAROLINA

CHARLESTON—Bailey-Lebby Co.
Cameron & Barkley Co.
Pitcher, C. S.
Valk & Murdoch Iron Works

COLUMBIA—Torick & Lowrance

SOUTH DAKOTA

YANKTON—Yankton Heating & Plumbing Co.

TENNESSEE.

BROWNSVILLE—Pracht, Chas. W.
Shaw Supply Co.

CHATTANOOGA—Fritts, Tom Hardware Co.
James & Co.
Miners' Supply Co.

JACKSON—Southern Engine & Boiler Works (Inc.)

KNOXVILLE—Scott & Oliver Mfg. Co. (Pipe & Fittings)

MEMPHIS—Bailey, J. A. & Co. (Inc.)
Browne & Borum Co.
Chickasaw Iron Works
Coffin, J. H. & Co.
Monogue & Pigeon Iron Co.
Orgill Bros. & Co.
Riechman-Crosby Co.

NASHVILLE—Fall, J. H. & Co. (Inc.
Keith, Simmons & Co.
Nashville Machine Co.

TEXAS

AUSTIN—Tips, Walter

DALLAS—Briggs Machinery & Supply Co.
Kinnison Bros.
Sullivan, D. F.
Wolf, B. F. & Co.
Young & Heintz

GALVESTON—Shean, Paul Sanitary Plumbing & Mfg. Co.

HOUSTON—Heitman, F. W. Co.
Smith, Howard Co.

NAVASOTA—Bookman & Craig

SAN ANTONIO—Collins, F. F. Mfg. Co.
Gunther Foundry, Machine & Supply Co.
San Antonio Machine & Supply Co.
Wilson, Jno. T. & Co.

TYLER—Connally, Walter & Co.
Smith-Palmer Machinery Co.

WACO—Strauss, E.

UTAH

OGDEN—Halverson Bros.

SALT LAKE CITY—**CRANE CO. (of Chicago).** (See adv. index, end of book)
FAIRBANKS, MORSE & CO. (of Chicago), 218 S. W. Temple. (See adv. index, end of book)
Salt Lake Hardware Co.
Scott, Geo. M.
Silver Bros. Iron Works Co.
Strevell Hardware Co.
Trent Engineering & Machinery Co.

VERMONT

BELLOWS FALLS—Albee, Geo. B.

BENNINGTON—Winslow, E. J. & Co.

BURLINGTON—Holmes, J. H. & Co.
Lang & Goodhue Mfg. Co.
Lincoln Iron Works

RUTLAND—Steam Stone Cutter Co. (Valves, Pipe & Fittings, etc.)

VIRGINIA

CHARLOTTEVILLE—Wood, J. Edwin Co.

LYNCHBURG—Barker-Jennings Hardware Co.

NORFOLK—Mayer & Co.
Porter-McNeal Co.
Taylor, W. H. & Co.
Virginia-Carolina Supply Co.
Walke, Henry Co.
White, E. V. & Co.

PETERSBURG—Stratton & Bragg

RICHMOND—Bargamin, G. & A. Co.
Frischkorn, Hunter B.
Smith-Courtney Co.
Sydnor Pump & Well Co.

ROANOKE—Nelson Hardware Co.

SUFFOLK—Folk, E. L. & Co.

WASHINGTON

OLYMPIA—Olympia Hardware Co.

SEATTLE—Aztec Copper Mfg. Co.
CRANE CO. (of Chicago). (See adv. index, end of book)
Hambach, A. Co.
Hofius, W. D. & Co.
Mitchell, Lewis & Staver Co.
Moran Bros. Co.
Puget Sound Machinery Depot
Seattle Supply Co.
Washington Iron Works Co.

SPOKANE—Barnard-Syphers Machinery Co.
Bradley Engineering & Machinery Co.
CRANE CO. (of Chicago). (See adv. index, end of book)
Griffith Heating & Plumbing Supply Co.
Holley, Mason, Marks & Co.
Spokane Hardware Co.

TACOMA—Caldwell Bros.
Gardner, Wm. & Co.
Hunt & Mottet Co.
Washington Hardware Co.

WHATCOM—Frizell, W. M.
Morse Hardware Co.

WEST VIRGINIA

CHARLESTON—Capitol City Supply Co.
South Side Foundry & Machine Works

CLARKSBURG—Clarksburg Supply Co.

FAIRMOUNT—Donnelly, A. H.

HUNTINGTON—Miller Supply Co.

NEW CUMBERLAND—Davis-Price Foundry & Machine Co.

PARKERSBURG—Turner, C. M. Co.

WHEELING—Hare's, Wm. Sons
Howe, A. D. Machinery Supply Co.
Trimble & Lutz Co.

WISCONSIN

EAU CLAIRE—Brooks, S. C.
Hobbs, W. H.

EVANSVILLE—Baker Mfg. Co.

GREEN BAY—Kimball, Alonzo

HURLEY—McConnell Hardware Co.

LA CROSSE—La Crosse Plumbing Supply Co.
Roosevelt, W. A. Co.

MADISON—King & Walker Co.

MANITOWOCK—Rand & Roemer Hardware Co.
Richards Iron Works (Ltd.)

MILWAUKEE—Bowers, W. A. Heating Co., 482 Market
Hoffman, B. Mfg. Co., 257 6th
Hoffman & Billings Mfg. Co., 96 2d
Milwaukee Valve Co., 881 Robinson av
Mooers, H. Co., 112 2d
Mueller, L. J. Furnace Co., 197 Reed
Rom, Robt. Co., 1101 St. Paul av
Rundle-Spence Mfg. Co., 63 2d
Wisconsin Machinery & Mfg. Co., S Canal nr Muskego av
Yale, H. P. & Co., 99 W Water

OSHKOSH—Battis Bros.
Oshkosh Pipe & Supply Co.

RACINE—Davis Heater Co.
Racine Rice Machine Co.

SHEBOYGAN—Koepsell, J. J. Hardware Co.

WAUPUN—Althouse-Wheeler Co.

WAUSAU—Murray, D. J. Mfg. Co.

Steam Gauges

(See Gauges, Various Kinds.)

Steam Heating Apparatus

See Heaters, Steam & Hot Water.
Also Radiator Mfrs.
Also Valve Mfrs., various kinds.
Also Steam Fitters' Supplies, etc.

Steam Packing

(See Packing Various Kinds.)

Steam Pumps

(See Pumps, Various Kinds.)

Steam Set Works

FILER & STOWELL CO., Becher & Ziemer, Milwaukee, Wis. (See adv. index, end of book)

Steam Superheaters

(See Superheaters, Steam.)

Steam Tables for Culinary Purposes

(See Cooking Apparatus.)

Steam Traps

(See Traps, Steam.)

Steel (Agricultural Implement)

AMERICAN SHEET & TIN PLATE Co. (Sheet), Frick bldg, Pittsburg, Pa. District Sales Offices: Battery Park bldg, New York; Rookery bldg, Chicago, Ill.; Union Trust bldg, Cincinnati, O.; Chemical bldg, St. Louis, Mo.; Ainsworth blk, Portland, Ore.; Hennen bldg, New Orleans, La.; Equitable bldg, Denver, Col.; Union Trust bldg, Detroit, Mich., & Mills bldg, San Francisco, Cal. (See adv. index, end of book)
Buffalo Steel Co. (Bessemer Steel Harrow & Cultivator, Bars, Plow Beams, etc.), Tonawanda, N. Y.
Cambria Steel Co. (Gautier Dept.), Johnstown, Pa.
Cambridge Rolling Mill Co. (Bessemer), Cambridge, O.
Central Plow Steel Co. (Soft Centre Plow Steel), Frick bldg, Pittsburg, Pa.
Cheswick Mfg. Co., Cheswick, Pa.
Colonial Steel Co. (Plow, etc.), Pittsburg, Pa.
Harrow Spring Co., Kalamazoo, Mich.
Inland Steel Co., 119 Monroe, Chicago, Ill. Works, Chicago Heights, Ill., & Indian Harbor, Ind.
Norwalk Steel & Iron Co., Norwalk, O.
Ryerson, Jos. T. & Son, Chicago, Ill.
Star Mfg. Co. (Plow & Cultivator Shapes), Carpentersville, Ill.
Sweet's Steel Co., Williamsport, Pa.
Union Drawn Steel Co. (Cold Drawn), Beaver Falls, Pa., & 127 Duane, New York
Western Tube Co., Kewanee, Ill.

Steel (Alkali Drum)

AMERICAN SHEET & TIN PLATE Co., Frick bldg, Pittsburg, Pa. District Sales Offices: Battery Park bldg, New York; Rookery bldg, Chicago, Ill.; Union Trust bldg, Cincinnati, O.; Chemical bldg, St. Louis, Mo.; Portland, Ore.; Hennen bldg, New Orleans, La.; Denver, Col.; Detroit, Mich., & San Francisco, Cal. (See adv. index, end of book)

Steel Angles, Channels & Tees

(See Iron & Steel Angles, Channels & Tees.)

Steel Automobile Sheets

AMERICAN SHEET & TIN PLATE Co., Frick bldg, Pittsburg, Pa. District Sales Offices: Battery Park bldg, New York; Rookery bldg, Chicago, Ill.; Chemical bldg, St. Louis, Mo.; Union Trust bldg, Cincinnati, O.; Union Trust bldg, Detroit, Mich.; Equitable bldg, Denver, Col.; Hennen bldg, New Orleans, La.; Ainsworth blk, Portland, Ore., & Mills bldg, San Francisco, Cal. (See adv. index, end of book)
Columbia Steel Works (Federal Mfg. Co., owners), Elyria, O.

Steel Axles

(See Axles, Various Kinds.)

Steel Balls

(See Balls, Steel.)

Steel Bands (Black & Galvanized)

Allegheny Steel Band Co., Allegheny, Pa.
American Steel Band Co., Allegheny, Pa.

Steel Bands & Hoops

(See Iron & Steel, Band & Hoop.)

Steel Bar

(See Iron & Steel Bar.)

Steel Bars (Finished)

STANDARD GAUGE STEEL CO. (Rounds, Flats, Squares & Finished Shapes), Beaver Falls, Pa. (See adv. index, end of book)

Steel Beams

(See Iron & Steel Structural Shapes.)

Steel Bedstead Angles

Buffalo Steel Co. (Bessemer Steel), Tonawanda, N. Y.
Inland Steel Co., 119 Monroe, Chicago, Ill. Works: Chicago Heights & Indian Harbor, Ind.

Steel Billets & Blooms

(See Billets & Blooms, Steel.)

Steel Boiler & Tank Plate

(See Iron & Steel Boiler & Tank Plate.)

Steel Brick & Rock Face Siding

AMERICAN SHEET & TIN PLATE Co., Frick bldg, Pittsburg, Pa. District Sales Offices: Battery Park bldg, New York; Rookery bldg, Chicago, Ill.; Chemical bldg, St. Louis, Mo.; Union Trust bldg, Cincinnati, O.; Union Trust bldg, Detroit, Mich.; Equitable bldg, Denver, Col.; Hennen bldg, New Orleans, La.; Ainsworth blk, Portland, Ore., & Mills bldg, San Francisco, Cal. (See adv. index, end of book)
BERGER & CO., Main Office & Works, Canton, O. Branches: 25 Lake, Chicago, Ill.; 210 E 23d, N. Y.; 623 N Main, St. Louis, Mo.; 1215 Filbert, Phila., Pa., & 176 Federal, Boston, Mass. (See adv. index, end of book)
Cambridge Roofing Co., Cambridge, O.
Canton Steel Roofing Co., Canton, O.
Chattanooga Roof & Fdry. Co., Chattanooga, Tenn.
Dickelman Mfg. Co., Forest, O.
Edwards Mfg. Co., 119 Sycamore, Cincinnati, O.
Eller, J. H. & Co., 94 E 5th, Canton, O.
Goff, Horner & Co., Ltd., Frick bldg, Pittsburg, Pa. Works, Zanesville, O.
Kenneberg Roofing & Ceiling Co., Canton, O.
Mesker, Geo. L. & Co., Evansville, Ind.
MILWAUKEE CORRUGATING CO., Milwaukee, Wis. (See adv. index, end of book)
Penn Metal Ceiling & Roofing Co., 23d & Hamilton, Phila., Pa.
St. Paul Roofing, Cornice & Ornament Co., St. Paul, Minn., & Baltimore, Md.
Sheet Metal Mfg. Co., Niles, O.
Souther, E. E. Iron Co., 2206 N 2d, St. Louis, Mo.
Southern Roofing Co., Atlanta, Ga.
WHEELING CORRUGATING CO., Wheeling, W. Va.; 47 Cliff, N. Y.; 45 Lake, Chicago, Ill.; 132 Pearl, Boston, Mass.; 402 Race, Phila., Pa.; 112 S 8th, St. Louis., & King St, Chattanooga, Tenn. (See adv. index, end of book)

Steel Bridges

(See Bridge Builders, Steel.)

Steel Buildings

(See Steel Structural Work.)

Steel Cars

(See Cars, Steel.)

Steel Castings

(See Castings, Steel.)

Steel Ceilings

(See Ceilings, Steel.)

Steel Cellar Doors

Harrisburg Foundry & Machine Works, Harrisburg, Pa.
MERRITT & CO., 1024 Ridge av, Phila., Pa. (See adv. index, end of book)
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)
Schreiber, L. & Sons Co., 8th & Eggleston av, Cincinnati, O.

Steel Chimneys

(See Smoke Stacks, Iron & Steel.)

Steel Cofferdams & Mine Shafts

WITTEKIND, H. INTERLOCKING Sheet Piling Co., 28 E Jackson boul, Chicago, Ill. (See adv. index, end of book)

Steel (Cold Drawn)

Carnegie Steel Co., Carnegie bldg, Pittsburg, Pa.; 1502 Market, Phila., Pa.; The Rookery, Chicago, Ill., & 71 B'way, New York
Columbia Bridge Co. (Drawn & Polished Squares, Flats, Hexagons & Shapes), Park bldg, Pittsburg, Pa.
Disston, Henry & Sons (Inc.), Tacony, Phila., Pa., & 75 W Wash'n, Chicago, Ill.
Finished Steel Co., Youngstown, O.
Illingworth, Jno. Steel Co., 25 Cliff, N. Y.
Kidd Bros. & Burglar Steel Wire Co. (Free Cutting Screw, etc.), Aliquippa, Pa.
National Steel & Wire Co. (Odd & Special Shapes, etc.), New Haven, Conn., & 114 Liberty, N. Y.
Pardee, C. Works, Perth Amboy, N. J.
Superior Steel Co., Carnegie, Pa.
Union Drawn Steel Co. (Rounds, Flats, Squares, Hexagons, Sheets & Shapes), Beaver Falls, Pa., & 127 Duane, New York

Steel (Cold Pressed)

STANDARD GAUGE STEEL CO. (Finished Flats, Squares, Rounds, Angles, Channels & Special Shapes), Beaver Falls, Pa. (See adv. index, end of book)

Steel (Cold Rolled)

AMERICAN SHEET & TIN PLATE Co. (Sheets), Frick bldg, Pittsburg, Pa. District Sales Offices: Battery Park bldg, New York; Rookery bldg, Chicago, Ill.; Union Trust bldg, Cincinnati, O.; Chemical bldg, St. Louis, Mo.; Ainsworth blk, Portland, Ore.; Henen bldg, New Orleans, La.; Equitable bldg, Denver, Col.; Union Trust bldg, Detroit, Mich., & Mills bldg, San Francisco, Cal. (See adv. index, end of book)

AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & San Francisco, Cal. (See adv. index, end of book)

American Tool & Stamping Co., Bridgeport, Conn.

Brooksbank, Mullin & Co. (Dannemora, Imported Hot & Cold Sheet), 409 Commerce, Phila., Pa.

Cambria Steel Co., Johnstown Pa., Arcade bldg, Phila., & 71 B'way, N. Y.

Columbia Bridge Co. (Hexagons, Squares, Flats, etc.), Park bldg, Phila., Pa.

Crucible Steel Co. of America, Pittsburg, Pa.; 64 S Clinton, Chicago, Ill., & 71 B'way, N. Y.

Disston, Henry & Sons (Inc.) (Hexagon, Squares, Flats, etc.), Tacony, Phila., Pa., & 75 Wash'n, Chicago, Ill.

Federal Mfg. Co. (Sheet Hexagons, Squares, Flats, etc.), Elyria, O.

Goff, Horner & Co. (Special Open Hearth Steel Sheets for Ceilings & Stamping Purposes), Frick bldg, Pittsburg, Pa. Works, Zanesville, O.

Jones & Laughlin Steel Co. (Hexagons, Squares, Flats, etc.), Pittsburg, Pa.

Judson Mfg. Co., San Francisco, Cal.

Kidd Bros. & Burgher Steel Wire Co. ("Flat"), Aliquippa, Pa.

Miller & Van Winkle (Round & Flat), 20 Bridge, Brooklyn, N. Y.

Morris & Bailey Co., German Natl. Bank bldg, Pittsburg, Pa.

Republic Iron & Steel Co., General Offices, 1st Nat'l Bank bldg, Chicago. District Sales Offices, Buffalo, N. Y.; Cleveland, O.; Birmingham, Ala.; 64 B'way, N. Y.; St. Louis, Mo.; St. Paul, Minn.; Pittsburg, Pa., & Cincinnati, O.

STANLEY WORKS (Strip), New Britain, Conn., & 79 Chambers, New York. (See adv. index, end of book)

Union Drawn Steel Co. (Rounds, Flats, Squares, Hexagons, Sheets & Shapes, Bessemer, Open Hearth, Crucible, Cold Die Rolled Steel), Beaver Falls, Pa., 127 Duane, New York

Washburn Wire Co. (Round, Square & Flat), Phillipsdale, R. I., & 118th & Harlem River, N. Y.

Wood, Alan Iron & Steel Co. (Sheets), 519 Arch, Phila., Pa.

Steel (Cold Rolled, Strip)

AMERICAN STEEL & WIRE CO., The Rookery, Chicago; 21 State, New York; Cleveland, O., & San Francisco, Cal. (See adv. index, end of book)

American Tube & Stamping Co., Bridgeport, Conn.

Carpenter Steel Co., Reading, Pa.; 1 B'way, N. Y., & 65 W Wash'n, Chicago, Ill.

Columbia Steel Works (Flats in Widths from 1-2 to 15 1-2; "In all Gauges from very thin to 3-8" thick). (Federal Mfg. Co., owners), Elyria, O.

Crucible Steel Co. of America, Frick bldg, Pittsburg, Pa.; 64 S Clinton, Chicago, & 71 B'way, N. Y.

Disston, Henry & Sons (Inc.), Tacony, Phila., Pa.

Elliott-Blair Steel Co. (Fine Bright Dead Soft for Sewing Machines, Typewriter, Bicycle Parts, etc.)

Griffin Mfg. Co., Erie, Pa.

Miller & Van Winkle, 20 Bridge, Brooklyn, N. Y.

Morris & Bailey Steel Co., German Nat'l Bank bldg, Pittsburg, Pa.

STANLEY WORKS, New Britain, Conn., & 79 Chambers, N. Y. (See adv. index, end of book)

Superior Steel Co. (Also Hot), Carnegie, Pa.

West Leechburg Steel & Tin Plate Co. (For Blanking, Stamping & Drawing), Pittsburg, Pa. Works, West Leechburg, Pa.

Steel (Conductor Pipe & Eave Trough)

AMERICAN SHEET & TIN PLATE Co., Frick bldg, Pittsburg, Pa. District Sales Offices: Battery Park bldg, New York; Rookery bldg, Chicago, Ill.; Union Trust bldg, Cincinnati, O.; Chemical bldg, St. Louis, Mo.; Portland, Ore.; Hennen bldg, New Orleans, La.; Denver, Col.; Detroit, Mich., & San Francisco, Cal. (See adv. index, end of book)

Steel Corner Plates

(See Plasterers' Steel Corner Plates.)

Steel (Corrugated)

(See Iron & Steel, Corrugated.)

Steel Corrugated Sidings for Elevators

Goff, Horner & Co., Ltd. (Crosswise Corrugation for Grain Elevators, Warehouses, etc.), Frick bldg, Pittsburg, Pa. Works, Zanesville, O.

Steel (Dasher)

AMERICAN SHEET & TIN PLATE Co., Frick bldg, Pittsburg, Pa. District Sales Offices: Battery Park bldg, New York; Rookery bldg, Chicago, Ill.; Union Trust bldg, Cincinnati, O.; Chemical bldg, St. Louis, Mo.; Portland, Ore.; Hennen bldg, New Orleans, La.; Denver, Col.; Detroit, Mich., & San Francisco, Cal. (See adv. index, end of book)

Steel Fence Posts

(See Posts, Steel Fence.)

Steel Fire Box Plate

(See Plate, Steel Fire Box.)

*Steel Floor Plate.

(See Plates, Floor, Iron & Steel.)

Steel Folding Gates

(See Gates, Folding.)

Steel Forgings

(See Forgings, Iron & Steel.)

Steel (Gas Holder)

AMERICAN SHEET & TIN PLATE Co., Frick bldg, Pittsburg, Pa. District Sales Offices: Battery Park bldg, New York; Rookery bldg, Chicago, Ill.; Union Trust bldg, Cincinnati, O.; Chemical bldg, St. Louis, Mo.; Portland, Ore.; Hennen bldg, New Orleans, La.; Equitable bldg, Denver, Col.; Detroit, Mich., & San Francisco, Cal. (See adv. index, end of book)

Steel Hardening

Bennett Tempering Co., New Britain

Frye, Henry A. Steel Hardener Co. (Tools, Dies, etc.), 15 W 27th, New York

M'CABE HANGER MFG. CO., 425 W 25th, New York. (See adv. index, end of book)

Steel (Hot Rolled Strip)

American Tube & Stamping Co., Bridgeport, Conn.

Superior Steel Co., Carnegie, Pa.

West Leechburg Steel & Tin Plate Co. (For Blanking, Stamping & Drawing), Pittsburg, Pa. Works, West Leechburg, Pa.

Steel (Ice & Milk Can)

AMERICAN SHEET & TIN PLATE Co., Frick bldg, Pittsburg, Pa. District Sales Offices: Battery Park bldg, New York; Rookery bldg, Chicago, Ill.; Union Trust bldg, Cincinnati, O.; Chemical bldg, St. Louis, Mo.; Portland, Ore.; Hennen bldg, New Orleans, La.; Denver, Colo.; Detroit, Mich., Mills bldg, San Francisco, Cal. (See adv. index, end of book)

Steel Importers

(See also Iron, Steel & Heavy Hardware.)

Boker, Hermann & Co. (The "Jonas & Culver" Tool Steel, Drill Rods, Needle Wire, Hot & Cold Rolled Sheet Steel, Steel for Watch, Clock and Other Springs, Steel & Crucible Wire Rods, etc.), 101 Duane, N. Y.

Brown-Wales Co. (Norway & Refined Iron, Steel Bars, Angles, Tees, Plates, Structures, Material Steel Balls & Mechanical Tubing), 83 Purchase, Boston, Mass.

Crane, A. M. & Co. (Inc.) (Structural, Billets & Sheet Bars, etc.), The Rookery, Chicago, Ill., & 74 B'way, N. Y.

Dana & Co., 32 Broadway, N. Y.

Hall, Jno. & Co. (Ltd.) (Rails, Structural Shapes, Plates, etc.), 95 Liberty, N. Y.

Hobson, Houghton & Co. (Tool Steel, Needle Wire, Bright Drill Rods, "Soho" Self-Hardening Steel, etc.), 98 John, N. Y.

Houghton & Richards ("Styrian" Tool Steel & "Low Moor" & "Farnley" Iron), 148 Oliver, Boston, Mass.

Jessop, Wm. & Sons (Ltd.) (Bars, Sheets & Plates, Air & High Speed Hardening Steel, etc.), 95 John, N. Y., & San Francisco, Cal.

Jones, B. M. & Co. ("R. Mushet's" Tool Steel, "Titanic" Steel for Chisels, Taps, Dies, Punches, etc.), 159 Devonshire, Boston, Mass., & 143 Liberty, N. Y.

Kent, E. R. & Co. (The "Edgar Allen" Tool Steel, etc.), 10 S Canal, Chicago, Ill.

LEAVITT, C. W. & CO. (Iron & Steel Bars & Shapes), 15 Cortlandt, N. Y. (See adv. index, end of book)

Lee, Jas. & Co. (Scotch Rails, Structural Shapes, Bars, Blooms & Billets, etc.), 76 William, N. Y.

Milne, A. & Co. (Norway Iron & Steel, Blooms, Billets, Bars, Wire, Rivet & Nail Rods), 1 Broadway, N. Y., & 8 Oliver, Boston, Mass.

Nash, Geo. & Co. ("Capitol" High Speed Self-Hardening & Tool Steel), 24 S Clinton, Chicago, Ill., & 224 Pearl, N. Y.

Newkirk, Jno. B. & Co. (Structural Shapes, Bars, Sheets, etc.), 1502 Market, Philadelphia, Pa.

Newton, J. W. (Steel, Wire Dies, etc.), 83 John, N. Y.

Potts, Horace T. & Co. (Bars, Angles, Tees, Slabs, Beams, Channels, Billets, Blooms, Sheet Bars, etc.), 316 N 3d, Philadelphia, Pa.

Prosser, Thos. & Son (American Office of Fred'k Krupp), 15 Gold, N. Y.

Todd, Jno. H. L., 25 Broad, N. Y.

Wallace, Wm. H. Co., 66 B'way, N. Y.

Wardlow, S. & C. (Tool Steel, Cast & Double Sheer Steel, Cutlery Steel, Steel for Watches and Other Springs, etc.), 95 John, N. Y.

Wheelock, Lovejoy & Co. ("Thomas & Sons" Tool & Sheet Steel), 23 Cliff, N. Y., & 35 Oliver, Boston, Mass.

Steel Ingots

(See Ingots, Steel.)

Steel Inspection

Hunt, Robt. W. & Co. The Rookery, Chicago, Ill.; 66 B'way, N. Y., & Monon Bank bldg, Pittsburg, Pa.

Steel (Locomotive Boiler)

AMERICAN STEEL & WIRE CO., The Rookery, Chicago; 21 State, N. Y.; Cleveland, O., & San Francisco, Cal. (See adv. index, end of book)
Carbon Steel Co., Pittsburg, Pa., & 26 Cortlandt, N. Y.
Carnegie Steel Co., general offices, Pittsburg, Pa.; Penna. bldg, Phila., Pa.; The Rookery, Chicago, Ill., & 71 B'way, N. Y.
Crucible Steel Co. of America, Pittsburg, Pa.; 64 S Clinton, Chicago, & 71 B'way, N. Y.
Illinois Steel Co., The Rookery, Chicago, Ill., & 71 B'way, N. Y.

Steel (Manganese)

Allen, Edgar Co., 51 John, N. Y.
AMERICAN BRAKE SHOE & FOUNDRY Co., Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)
Taylor Iron & Steel Co., High Bridge, N. J.

Steel (Metal Wheel)

AMERICAN SHEET & TIN PLATE Co., Frick bldg, Pittsburg, Pa. District Sales Offices: Battery Park bldg, New York; Rookery bldg, Chicago, Ill.; Union Trust bldg, Cincinnati, O.; Chemical bldg, St. Louis, Mo.; Portland, Ore.; Hennen bldg, New Orleans, La.; Denver, Colo.; Detroit, Mich., Mills bldg, San Francisco, Cal. (See adv. index, end of book)

Steel Mine & Mill Buildings (Constructors of)

SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)

Steel (Nickel)

AMERICAN BRAKE SHOE & FOUNDRY Co., Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)
Bethlehem Steel Co., South Bethlehem, Pa., & 100 B'way, New York
Carbon Steel Co., Pittsburg, Pa., & 26 Cortlandt, N. Y.
Crucible Steel Co. of America, Frick bldg, Pittsburg, Pa.; 64 S Clinton, Chicago, & 71 B'way, N. Y.
Midvale Steel Co., Nicetown, Phila., Pa., & 100 B'way, N. Y.

Steel Piling (Interlocking Sheet)

WITTEKIND, H. INTERLOCKING Sheet Piling Co., 28 E Jackson boul, Chicago, Ill. (See adv. index, end of book)

Steel Pipe

(See Pipe & Tube Mills.)

Steel Plate

(See Iron & Steel Boiler & Tank Plate; also Iron & Steel Bridge Plate; also Plate, Steel Fire Box.)

Steel Plate Work

Atlantic Works, 70 Border, E. B., Boston, Mass.
Bryan, E. A. Co., 1st Nat'l Bank bldg, Chicago, Ill. Works, Harvey, Ill.
Burns Boiler & Mfg. Co., West De Pere, Wis.
Carroll-Porter Boiler & Tank Co., Empire bldg, Pittsburg, Pa., & Wellsville, O.
Coatesville Boiler Works, Coatesville, Pa., & Fidelity bldg, Phila., Pa.
Columbiana Boiler Co., Columbiana, O.
Enterprise Boiler Co., Youngstown, O.
Gem City Boiler Co., Dayton, O.
Girard Boiler & Mfg. Co., Girard, O.
Hammond Iron Works, Warren, Pa.
Lacy Mfg. Co. (of any Description), Los Angeles, Cal.
Lappan, Jas. Mfg. Co., 20th & Pike, Pittsburg, Pa.
McNeil, Jas. & Bro. Co., Pittsburg, Pa.
Meehan Boiler & Construction Co., Lowellville, O.
Munroe, R. & Sons Corp'n, 23d & Smallman, Pittsburg, Pa.
Niles Boiler Co., Niles, O.
Pennsylvania Engineering Works, New Castle, Pa.
PETROLEUM IRON WORKS CO., Washington, Pa., & Farmers' Bank bldg, Pittsburg, Pa. (See adv. index, end of book)
Pollock, Wm. B. Co., Youngstown, O.
Porter Foundry & Machine Co., Allegheny, Pa.
Rarig Engineering Co., Columbus, O.
Reeves Bros. Co. (Heavy & Light), Alliance, O.
Riter-Conley Mfg. Co., Pittsburg, Pa., & 39 Cortlandt, N. Y.
Ruemmeli-Dawley Mfg. Co., St. Louis, Mo.
SCAIFE, WM. B. & SONS CO., Pittsburg, Pa. (See adv. index, end of book)
Struthers-Wells Co., Warren, Pa.
Union Iron Works, Hoboken, N. J.
Variety Iron Works Co., Cleveland, O.
Warren City Boiler Works, Warren, O.

Steel Plates & Heads (Sheared)

(See also Boiler Heads, Flanged.)

Crucible Steel Co. of America, Frick bldg, Pittsburg, Pa.; 64 S Clinton, Chicago, & 71 B'way, New York
Glasgow Iron Co., Pottstown, Pa., & 1502 Market, Phila., Pa.
Lukens Iron & Steel Co., Coatesville, Pa.
Worth Bros. Co., Coatesville, Pa.

Steel Plates & Sheets

Coatesville Rolling Mill Co. (From 12 Birmingham Wire Gauge up to 1 1-2 & 2 Thick & Up), Coatesville, Pa.

Steel (Plow)

(See also Steel, Agricultural.)

Colonial Steel Co. (in Slabs and Shapes), Keystone bldg, Pittsburg, Pa.
Norwalk Steel & Iron Co., Norwalk, O.

Steel (Powder Keg)

AMERICAN SHEET & TIN PLATE Co., Frick bldg, Pittsburg, Pa. District Sales Offices: Battery Park bldg, New York; Rookery bldg, Chicago, Ill.; Union Trust bldg, Cincinnati, O.; Chemical bldg, St. Louis, Mo.; Portland, Ore.; Hennen bldg, New Orleans, La.; Denver, Colo.; Detroit, Mich., Mills bldg, San Francisco, Cal. (See adv. index, end of book)

Steel (Pressed)

Davis Pressed Steel Co., Wilmington, Del.
Pressed Steel Car Co., Pittsburg, Pa.
STANDARD GAUGE STEEL CO., (Cold Pressed Finished Flats, Squares, Rounds, Angles, Channels & Special Shapes), Beaver Falls, Pa. (See adv. index, end of book)
Waynesburg Pressed Steel Co., Waynesburg, Pa.
Worcester Pressed Steel Co. (Bearings, Fittings & Specialties), Worcester, Mass.

Steel Rails

(See Rails, Steel.)

Steel (Range, Boiler)

AMERICAN SHEET & TIN PLATE Co., Frick bldg, Pittsburg, Pa. District Sales Offices: Battery Park bldg, New York; Rookery bldg, Chicago, Ill.; Union Trust bldg, Cincinnati, O.; Chemical bldg, St. Louis, Mo.; Ainsworth blk, Portland, Ore.; Hennen bldg, New Orleans, La.; Equitable bldg, Denver, Col.; Union Trust bldg, Detroit, Mich., & Mills bldg, San Francisco, Cal. (See adv. index, end of book)

Steel Riveted Pipe

(See Pipe, Steel Riveted.)

Steel Roofing

(See Roofing & Siding, Iron & Steel.)

Steel Screw Stock

Columbia Bridge Co., Park bldg, Pittsburg, Pa.
Union Drawn Steel Co. (Cold Drawn), Beaver Falls, Pa., & 127 Duane, New York

Steel (Self-Hardening)

Allen, Edgar & Co. (Ltd.), 51 John, N. Y. Works, Sheffield, Eng.
Denman & Davis, 87 John, N. Y.
Jessop, Wm. & Sons (Imported), 91 John, N. Y.
McInness Steel Co. (Air Hardening, etc.), Corry, Pa.
Vulcan Crucible Steel Co., Aliquippa, Pa., & Pittsburg, Pa.
Ward, Edgar T. Sons, Boston, Mass.

Steel Shafting

(See Shafting, Various Kinds.)

Steel Sheet

(See Iron & Steel Sheet.)

Steel Sheet Bars

Wood, Alan Iron & Steel Co. (Basic Open Hearth), 519 Arch, Phila., Pa.

Steel Sheets (Aluminum Coated)

Steel & Iron Aluminum Coating Co., Connellsville, Pa.

Steel Sheets (Bow Socket)

AMERICAN SHEET & TIN PLATE Co., Frick bldg, Pittsburg, Pa. District Sales Offices: Battery Park bldg, New York; Rookery bldg, Chicago, Ill.; Union Trust bldg, Cincinnati, O.; Chemical bldg, St. Louis, Mo.; Ainsworth blk, Portland, Ore.; Hennen bldg, New Orleans, La.; Equitable bldg, Denver, Col.; Union Trust bldg, Detroit, Mich., & Mills bldg, San Francisco, Cal. (See adv. index, end of book)
Empire Iron & Steel Co., Niles, O.

Steel Sheets (Buggy Bow)

AMERICAN SHEET & TIN PLATE Co., Frick bldg, Pittsburg, Pa. District Sales Offices: Battery Park bldg, New York; Rookery bldg, Chicago, Ill.; Union Trust bldg, Cincinnati, O.; Chemical bldg, St.

Louis, Mo.; Ainsworth blk, Portland, Ore.; Hennen bldg, New Orleans, La.; Equitable bldg, Denver, Col.; Union Trust bldg, Detroit, Mich., & Mills bldg, San Francisco, Cal. (See adv. index, end of book)
Empire Iron & Steel Co., Niles, O.
Wood, Alan Co., 519 Arch, Phila., Pa.

Steel Sheets (Cylinder & Tank)

PRESSED STEEL TANK CO,. Milwaukee, Wis. (See adv. index, end of book)

Steel Sheets for Expanded Metal & Fire-Proofing

AMERICAN SHEET & TIN PLATE Co., Frick bldg, Pittsburg, Pa. District Sales Offices: Battery Park bldg, New York; Rookery bldg, Chicago, Ill.; Union Trust bldg, Cincinnati, O.; Chemical bldg, St. Louis, Mo.; Portland, Ore.; Hennen bldg, New Orleans, La.; Denver, Colo.; Detroit, Mich., Mills bldg, San Francisco, Cal. (See adv. index, end of book)

Steel Sheets for Gas Stoves, Etc.

AMERICAN SHEET & TIN PLATE Co., Frick bldg, Pittsburg, Pa. District Sales Offices: Battery Park bldg, New York; Rookery bldg, Chicago, Ill.; Union Trust bldg, Cincinnati, O.; Chemical bldg, St. Louis, Mo.; Portland, Ore.; Hennen bldg, New Orleans, La.; Equitable bldg, Denver, Col.; Union Trust bldg, Detroit, Mich., & Mills bldg, San Francisco, Cal. (See adv. index, end of book)

Steel Sheets for Metallic Furniture

AMERICAN SHEET & TIN PLATE Co., Frick bldg, Pittsburg, Pa. District Sales Offices: Battery Park bldg, New York; Marquette bldg, Chicago, Ill.; Union Trust bldg, Cincinnati, O.; Security bldg(St. Louis, Mo.; 105 N Main, Los Angeles, Cal.; Ainsworth blk, Portland, Ore.; Hennen bldg, New Orleans, La.; 101 Boston bldg, Denver, Col.; Union Trust bldg, Detroit, Mich., & 226 Market, San Francisco, Cal. (See adv. index, end of book)

Steel Sheets for Shovels, Saws, Hoes, Springs, Etc.

AMERICAN SHEET & TIN PLATE Co., Frick bldg, Pittsburg, Pa. District Sales Offices: Battery Park bldg, New York; Rookery bldg, Chicago, Ill.; Union Trust bldg, Cincinnati, O.; Chemical bldg, St. Louis, Mo.; Portland, Ore.; Hennen bldg, New Orleans, La.; Denver, Col.; Detroit, Mich., & Mills bldg, San Francisco, Cal. (See adv. index, end of book)
Rowland, Wm. & Harvey, Frankford, Phila., Pa.

Steel Sheets for Stamped Ware

AMERICAN SHEET & TIN PLATE Co., Frick bldg, Pittsburg, Pa. District Sales Offices: Battery Park bldg, New York; Rookery bldg, Chicago, Ill.; Union Trust bldg, Cincinnati, O.; Chemical bldg, St. Louis, Mo.; Portland, Ore.; New Orleans, La.; Denver, Co.; Detroit, Mich., Mills bldg, San Francisco, Cal. (See adv. index. end of book)

Steel Sheets (Galvanized)

(See Iron & Steel Sheet, Galvanized.)

Steel Sheets (Planished & Polished)

AMERICAN SHEET & TIN PLATE Co. ("Wood's" Planished & "Wellsville" Polished), Frick bldg, Pittsburg, Pa. District Sales Offices: Battery Park bldg, New York; Rookery bldg, Chicago, Ill.; Chemical bldg, St. Louis, Mo.; Union Trust bldg, Cincinnati, O.; Union Trust bldg, Detroit, Mich.; 101 Boston bldg, Denver, Col.; Hennen bldg, New Orleans, La.; Ainsworth blk, Portland, Ore., & Mills bldg, San Francisco, Cal. (See adv. index, end of book)
Columbia Steel Works (Federal Mfg. Co., owners), Elyria, O.
Ward-Dickey Steel Co. (Hammered No. 14 to 30 Gauge), Indian Harbor, Ind.
Wood, Alan Iron & Steel Co., 519 Arch, Phila., Pa.

Steel Shutters

(See Shutters, Steel.)

Steel Skelp

(See also Iron and Steel Skelp.)
Also Billets & Blooms, Steel.

Harrisburg Pipe & Pipe Bending Co. (Open Hearth), Harrisburg, Pa.
La Belle Iron Works, Steubenville, O., & Wheeling, W. Va.
Syracuse Chilled Plow Co., Syracuse, N. Y.
United Steel Co., Canton, O.

Steel (Spring)

American Tube & Stamping Co., Bridgeport, Conn
AMERICAN STEEL & WIRE CO., The Rookery, Chicago; 21 State, New York; Cleveland, O., & San Francisco, Cal. (See adv. index, end of book)
Braeburn Steel Co., Braeburn, Pa.
Cambria Steel Co., Arcade bldg, Phila., Pa.; 71 B'way, New York. Works, Johnstown, Pa
Carnegie Steel Co., Pittsburg, Pa.; Penna, bldg. Phila., Pa.; 71 B'way, N. Y., & The Rookery, Chicago
Columbia Steel Works (Cold Rolled), (Federal Mfg. Co., owners). Elyria, O.
Crucible Steel Co. of America, Frick bldg, Pittsburg, Pa.; 64 S Clinton, Chicago, & 71 B'way, New York
Harrow Spring Co. (Milled Bars & Rods), Kalamazoo, Mich.
Midvale Steel Co., Nicetown, Phila., Pa.; 100 B'way, N. Y., & Chicago, Ill.
Penna. Steel Co., Girard blg, Phila., Pa.; 71 B'way, N. Y.; 70 Kilby, Boston, Mass. Works, Steelton, Pa.
Railway Steel Spring Co., 71 B'way, N. Y. Works, Detroit, Mich.; Phila., Pa., & Pittsburg, Pa.
Sweet's Steel Co., Williamsport, Pa.

Steel Stacks

(See Smoke Stacks, Iron & Steel.)

Steel Structural Dealers

(See also Iron, Steel & Heavy Hardware.)

Austin & Doten, 102 North, Boston, Mass.
Bacon & Co., 107 Oliver, Boston, Mass.
Baily, R. M. & Co., Arcade bldg, Phila., Pa.
Biercé, Wm. W. (Ltd.), Hennen bldg, New Orleans, La.
Bassett-Presley Co., Cleveland, O.
Belmont Iron Works, 22d & Wash'n av, Phila., Pa.
Bierce, Wm. W. (Ltd.), Hennen bldg, New Orleans, La.
Blodgett & Clapp Co., 49 Market, Hartford, Conn.
Bourne-Fuller Co., Hickok bldg, Cleveland, O.
Cincinnati Iron Store Co. ,Pearl & Plum, Cincinnati, O.
Corlett, J. F. & Co., Perry-Payne bldg, Cleveland, O.
De Cou, Richard, 12th & Noble, Phila., Pa.
Drennan Hardware Co., Syracuse, N. Y.
Eichley, John, Jr., Co., 21st & Wharton, Pittsburg, Pa.
Fitz, Dana & Co., 110 North, Boston, Mass.
Ford, Arthur W. Co., 176 Federal, Boston, Mass.
FOREST CITY STEEL & IRON CO., Cleveland, O. (See adv. index, end of book) 2239 Vine, Phila., Pa.
Foster & Green, Farmers' Bank bldg, Pittsburg, Pa.
Froment & Co., 151 Bank, N. Y.
Globe Rolling Mill Co., Cincinnati, O.
Harrington, Robinson & Co., 272 Franklin, Boston, Mass.
Hawkins, F. B. Co., 66 Fulton, Long Island City, N. Y.
Hoffman, R. C. & Co., Continental Trust bldg, Baltimore, Md.
Hoflus, W. D. & Co. (Iron, Steel, Locomotive, etc.), Seattle, Wash.
Houston, C. B. & Co., Girard bldg, Phila., Pa.
Houdlette ,Fred. A. & Son, 93 Broad, Boston, Mass.
Judson Mfg. Co., San Francisco, Cal.
Lindsay, James G. & Co., Arcade bldg, Phila., Pa.
Lockwood Arthur J., 12 Platt, New York
Mesker. Geo. L. Co., Evansville, Ind.
MINNEAPOLIS STEEL & MACHINery Co., Minneapolis, Minn. (See adv. index, end of book)
Moffat, F. D. & Co., 81 Fulton, New York
Moore, Edgar & Co., Farmers' Bank bldg, Pittsburg, Pa.
Morris, Wheeler & Co., 1608 Market, Phila., Pa.
Newkirk, John B. & Co., 1502 Market, Phila., Pa.
Ogden & Wallace, 577 Greenwich, New York
Piling & Crane, Girard bldg Phila., Pa., & Farmers' Bank bldg, Pittsburg, Pa.
Reading Crane & Hoist Works, Reading, Pa.
Ring, Chas. E. & Co., 38 S 8th, Brooklyn, N. Y.
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
Ryerson, Jos. T. & Son (Ltd.), (Steel), 22 Milwaukee, Chicago, Ill.
Scully Steel & Iron Co., 138 Fulton, Chicago, Ill.
Spencer, Geo. G., 2 Sherman, Chicago, Ill.
Speddy, T. H., 23 Davis, San Francisco, Cal.
Thomson, W. H. & Co., Land Title bldg, Phila., Pa.
Walcott Supply Co., 527 N 2d, St. Louis, Mo.
WORDEN-ALLEN CO., P. O. Box 528, Milwaukee, Wis. (See adv. index, end of book)

Steel Structural Shapes (Mfrs.)

(See Steel Structural Shapes, Mfrs.)

American Bridge Co., Penna. bldg, Phila., Pa., & 100 B'way, N. Y.
Cambria Steel Co. (Steel), Main Office, Arcade bldg, Phila., Pa. Sales Offices, 138 Jackson boul, Chicago; 71 B'way, New York; Neave bldg, Cincinnati, O. Works, Johnstown, Pa.
Carnegie Steel Co. (Steel Only), Carnegie bldg, Pittsburg, Pa.; Penna. bldg, Phila., Pa.; The Rookery, Chicago, Ill., & 71 B'way, New York
Eastern Steel Co., Pottsville, Pa.
Illinois Steel Co. (Steel), The Rookery, Chicago, Ill., & 71 B'way, N. Y.
Inland Steel Co., Chicago Heights, Ill., & Indian Harbor, Ind.
Jones & Laughlins Steel Co., Pittsburg, Pa.
Lackawanna Steel Co., Buffalo, N. Y.
Passaic Steel Co., Paterson, N. J.; 5 Nassau, New York, & 31 State, Boston, Mass.
Penna. Steel Co. (Steel), Girard bldg, Phila., Pa.; 71 B'way, New York, & 7 0Kilby, Boston, Mass. Works, Steelton, Pa.
Phoenix Iron Co. (Steel Only), 410 Walnut, Phila., Pa.; 49 William, New York; 153 Milk, Boston, Mass.; The Rookery, Chicago, Ill. Works, Phoenixville, Pa.
Republic Iron & Steel Co., General Offices: 1st Nat'l Bank bldg, Chicago, Ill. District Sales Offices: Ellicott sq, Buffalo; Citizens' Bank bldg, Cleveland; Birmingham, Ala.; Manhattan Life bldg, New York; Mermod-Jaccard bldg, St. Louis; Endicott Arcade, St. Paul; Frick bldg, Pittsburg, Pa., & Cincinnati, O.

Steel Structural Work

(See also Bridge Builders, Steel, which is a duplication of this Trade.)

ALABAMA.

BIRMINGHAM—Southern Bridge Co.
MOBILE—Bailey Iron Works
NEW DECATUR—North Alabama Engineering Co.

CALIFORNIA.

LOS ANGELES—Fansworth, H. S.
Mercereau, J. D.
OAKLAND—Cotton Bros. & Co.
Johnson & Peterson
SAN FRANCISCO—Atlantic Gulf & Pacific Co., 220 Market
American Bridge Co., Crocker bldg
Bay City Iron Works, 242 Fremont
Brode & Clark Iron Works, 621 Howard
Dundon Bridge & Construction Co.
California Artistic Metal & Wire Co., 539 Mission
Dyer Bros., 360 2d
Healy-Tibbitts & Co., 22 Market
Jackson, P. H. & Co., 228 1st
Judson Mfg. Co., Howard & Beale
Pacific Bridge Co., 4 California
Thomson Bridge Co., 9 Mission
Western Iron Works, 123 Beale

COLORADO.

COLORADO SPRINGS—Hassell Iron Works Co.
DENVER—American Bridge Co., Jackson bldg
Denver Iron & Wire Works, 1401 Market
Hughes & Stewart, Continental bldg
Vulcan Iron Works Co., 1715 Blake

CONNECTICUT.

BERLIN—Berlin Construction Co.
BRIDGEGPORT—Bridgeport Boiler Works
Coulter & McKenzine Machine Co.
EAST BERLIN—American Bridge Co.
NEW HAVEN—Yale Safe & Iron Co.

DELAWARE.

EDGMOOR—**AMERICAN BRIDGE CO.**
WILMINGTON—Delaware Construction Co.

DISTRICT OF COLUMBIA.

WASHINGTON—Barber & Ross, 618 11th N W

FLORIDA.

JACKSONVILLE—Richardson, H. H. & Co.

GEORGIA.

ATLANTA—American Bridge Co.
Atlanta Machine Works
Gude & Walker
Wilkins, Grant
AUGUSTA—Lombard Iron Works & Supply Co.
NEWNAN—Cole, R. D. Mfg. Co.

ILLINOIS.

AMBOY—Jacobs, Chas. C. Bridge & Iron Works
CHICAGO—American Bridge Co., Monadnock bldg
BROWN BROS. MFG. CO., 22d & Campbell av. (See adv. index, end of book)
Carson, A. B. Construction Co., 1223 Seminary pl
CHICAGO BRIDGE & IRON Works (Horace E. Horton, Prop.)
Troop & W 105th. (See adv. index, end of book)
Chicago Engineering & Constructing Co., Merchants' Loan & Trust bldg
DAUCHY IRON WORKS, 88 Illinois. (See adv. index, end of book)
Dearborn Foundry Co., 1525 Dearborn
Elgin Construction Co., Monadnock blk
Fanning Mfg. Co., Morgan, Pratt & Superior
HALSTED, JOSEPH, 338 W Randolph
Hansell-Elcock Co., 251 23d pl
Illinois Steel Co., The Rookery
Kenwood Bridge Co., 1st Nat'l Bank bldg
Massillon Bridge Co., Monadnock blk
Morava Construction Co., 85th & Stewart av
Phoenix Iron Co., The Rookery
Schreiber, E. A., 158 Ohio
SMITH, F. P. WIRE & IRON Works, 100 Lake. (See adv. index, end of book)
Standard Construction Co., 1st Nat'l Bank bldg
Stebbings, W. L., Monadnock blk
Streeter, H. A., 35 to 41 Indiana
STROBEL, C. L., Monadnock blk.
Vierling, McDowell & Co., 23d & Stewart av
DECATUR—Decatur Bridge Co.
JOLIET—Joliet Bridge & Iron Co.
PEORIA—Lucas, A. & Sons
QUINCY—Central Iron Works
Michelman Boiler Co.
SPRINGFIELD—Springfield Bridge & Iron Co.
SULLIVAN—Illinois Bridge & Iron Co.

INDIANA.

ATTICA—Attica Bridge Co.
COLUMBUS—Caldwell & Drake Iron Works
EAST CHICAGO—Eas tChicago Bridge & Iron Works
ELKHART—Elkhart Bridge Co.
EVANSVILLE—Mesker, Geo. L. & Co.
FORT WAYNE—Kerr-Murray Mfg. Co. (Gas House, etc.)
FRANKFORT—Ross, John A.
INDIANAPOLIS—Brown-Ketcham Iron Works (Bridges, Buildings & Viaducts)
Indianapolis Bridge & Iron Works, 222 McCrea
New Castle Bridge Co.
Noelke-Richards Iron Works, Palmer & J. M. & I. R. R.
Parkhurst Bros. Co., 218 Ky. av
LAFAYETTE—American Bridge Co.
Wallace Machine & Foundry Co. (Also Castings)
MUNCIE—Indiana Bridge Co.
NEW CASTLE—Pen-American Bridge Co.
SOUTH BEND—Folson, C. G.
South Bend Foundry Co.
TERE HAUTE—Parker, Thatcher A., 202 N 1st
VINCENNES—Vincennes Bridge Co.
WABASH—Wabash Bridge & Iron Co.
WINAMAC—Winamac Bridge Co.

IOWA.

CLINTON—Clinton Bridge & Iron Works
COUNCIL BLUFFS—Wise, G. C. & Co.
DAVENPORT—Davenport Foundry & Machine Co.
DES MOINES—Des Moines Bridge & Iron Works
Des Moines Construction Co., Equitable bldg
Des Moines Mfg. & Supply Co., 101 E Court av
Eberhard Co., Youngerman blk
Iowa Bridge Co., Crocker blg
King, G. E. Bridge Co., Equitable bldg
Magden & Sheeley, Clapp blk
Marsh Bridge Co., Equitable bldg
Stark, N. M. & Co., Crocker bldg
DUBUQUE—Dubuque Boat & Boiler Works
Dunleith & Dubuque Bridge Co.
Voggenthaler, E. J. Co.
KEOKUK—Diver, Jas. B. & Co.
MARSHALLTOWN—Shorthill, A. E. Co.
MASON CITY—Hathorn Foundry & Machine Co.
MUSCATINE—Niver Iron Works Co.
OSKALOOSA—Seevers Mfg. Co.
OTTUMWA—Fair-Williams Bridge & Mfg. Co.

KANSAS.

LEAVENWORTH—Mo. Val. Br. & Iron Works
TOPEKA—Elizabeth Steel Bridge Works
Topeka Bridge & Iron Mfg. Co.

KENTUCKY.

LOUISVILLE—Louisville Bridge & Iron Co., 11th c Oldham

LOUISIANA.

NEW ORLEANS—American Bridge Co., Godchaux bldg
Bierce, Wm. W. (Ltd.), Hennen bldg

MAINE.

BANGOR—Union Iron Works
PORTLAND—Fletcher & Crowell Co.
Megquier & Jones Co., 29 Pearl

MARYLAND.

BALTIMORE—American Bridge Co., Continental Trust bldg
Baltimore Bridge Co., Bush & B. & O. R. R.
Bartlett, Hayward & Co.
Lauer & Harper Co. (Inc.), Westport
STEWART, JAS. & CO. (Mills & Railway Depots), 319 N Charles

MASSACHUSETTS.

BOSTON—American Bridge Co., 89 State
Boston Bridge Works, 47 Winter
Brown-Ketcham Iron Works (Bridges, Buildings & Viaducts), 166 Devonshire
Chelmsford Foundry Co., 159 Devonshire
Eastman, Pease & Co., 12 Pearl
Ford, Arthur W. Co., 176 Federal, Boston, Mass.
Ham, L. M. & Co., 152 Portland
Harrington, Robinson & Co., 272 Franklin
New England Structural Co., 110 State
Passaic Steel Co., 31 State. Works, Paterson, N. J.
Penna. Steel Co., 70 Kilby
Pheonix Iron Co., 153 Milk
Smith, G. W. & F. Iron Co., 166 Devonshire
Smith & Lovett Co., 125 Albany
EVERETT—New England Structural Co.
SPRINGFIELD—Hawkins, R. F. Iron Works
Norton, Henry L., 33 Lyman
Springfield Construction Co.
Springfield Iron Works
WORCESTER—Eastern Bridge & Structural Co.

MICHIGAN.

DETROIT—American Bridge Co.
Griffin, M. J., 104 Lafferty pl
Lewis, Henry B., 45 Jos. Campau av
RUSSEL WHEEL & FOUNDRY CO. (See adv. opp. next page)
Whitehead & Kales Iron Works
GRAND RAPIDS—Grand Rapids Bridge Co., Pythian Temple
KALAMAZOO—Kalamazoo Foundry & Machine Co.
RICHMOND—Dresser, A. A. & Co.

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.

MINNESOTA.

ALBERT LEA—Enterprise Iron Works (J. Willington Vepess, Prop.)
MANKATO—Mayer Bros.
MINNEAPOLIS—American Bridge Co.
Crown Iron Works Co., 113 2d av NE.
Hewett Bridge Co.
Hewett, W. S. & Co.
MINNEAPOLIS STEEL & MACHINery Co. (See adv. below)
Northwestern Foundry (Inc.)
ST. PAUL—**ST. PAUL FOUNDRY CO.,** Como av & Topping. (See adv. below)

MISSOURI.

CAMERON—Dildine Bridge & Construction Co.
CLINTON—Industrial Iron Works
KANSAS CITY—Kansas City Bridge Co.
Kansas City Wire & Iron Works, 1428 Oak
Midland Bridge Co., Gilbraltar bldg
ST. LOUIS—Abbott-Gamble Constructing Co., 620 Chestnut
Aetna Iron Works, 21st & Papin
Banner Iron Works, Koken bldg
Booneville Railroad Bridge Co., 105 N 7th
Central Bridge Co., 706 Chestnut
Christopher & Simpson Architcctural Iron & Foundry Co., 811 Park av
Garrett, John T., 715 Locust
Geisel Construction Co., 715 Locust
Globe Iron & Foundry Co., 9th & Victor
Massillon Bridge Co., Roe bldg
Meskeh Bros., 421 S 6th
St. Louis Bridge & Iron Co., 510 Pine
STEWART, JAS. & CO. (Mills & Railway Depots), Lincoln Trust bldg
Stupp Bros. Bridge & Iron Co., 202 N 9th
Union Iron & Foundry Co., 1452 S 2d
Victor Iron Works, 7th & Victor

MONTANA.

BUTTE—American Bridge Co.
MISSOULA—Peppard, O. E.

NEBRASKA.

LINCOLN—Smith, R. L. Machine Works
Westover, N & Co.
OMAHA—Pexton & Vierling Iron Works, U. P. Ry. & S 17th
Standard Bridge Co.

NEW JERSEY.

BOONTON—Boonton Iron & Steel Co.
Lincoln Iron Works
DELAWANNA—Cooper-Wigand-Cooke Co.
JERSEY CITY—**SNEAD & CO. IRON** Works, ft of Pine st. (See adv. index, end of book)
NEWARK—Hay Foundry & Iron Works, 9 Plumb Point la
Hedden, John Construction Co., 20 Clinton
PASSAIC—Union Building & Construction Co.
PATERSON—Bogert & Carlough Co.
Passaic Steel Co.

NEW YORK.

BUFFALO—American Bridge Co.
Buffalo Structural Steel Co., Dart cLetchworth
Buffalo & Susquehanna Iron Co.
Ernest, Chas. F., 311 Walnut
Ginther's, J. Sons, 417 B'way
Harrower, H. C. & Co., 35 Court
Kellogg Iron Works, Illinois & Mary
Wurtz & Son, 23 Lloyd
ELMIRA—American Bridge Co.
FRANKFORT—Acme Road Machinery Co. (Lattice & Gas Pipe Rail)
GROTON—Groton Bridge Co.
MONTOUR FALLS—Havana Bridge Co.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—**CHILD, W. C. W., 355** Kingsland av. (See adv. index, end of book)
Clarke & Stowe, 232 Kent
Eastern Construction Co., 50 Classon av
HECLA IRON WORKS, 118 N 11th. (See adv. index, end of book)

Boroughs of Manhattan & Bronx

NEW YORK—American Bridge Co., 100 B'way
American Structural Steel Co., Fuller bldg
Atlantic Gulf & Pacific Co., Park Row bldg
Baltimore Bridge Co., 128 B'way
Bartlett, Hayward & Co., 100 B'way
Berlin Construction Co., 220 B'way
Brooks, Jas. E., 45 B'way
Brown-Ketcham Iron Works (Bridges, Buildings & Viaducts), 1133 B'way
CHILD, W. C. W., 1123 B'way. (See adv. index, end of book)
Cooper-Wigand-Cooke Co., 152 W 34th
Cornell, J. B. & J. M. Co., 26th & 11th av
Dean, Schwiers & Sutton Co., 136 Liberty
Empire Construction Co., 32 Fulton
Fort Pitt Bridge Works, 45 B'way. Works, Canonsburg, Pa.
General Supply & Construction Co., 24 State
Hay Foundry & Iron Works, 141 B'way
Hood, R. H., 220 B'way
Illinois Steel Co., 71 B'way
Just, Geo. A. Co., 452 5th av
King Bridge Co., 120 Liberty
Lawler, Hugh J., Park av & 132d
Levering & Garigues (Engineers & Contractors), 552 W 23d
Lewinson & Co. (Engineers & Contractors), 128 W 42d
McClintic-Marshall Construction Co., 15 Park Row. Works, Pottstown, Pa., & Pittsburg, Pa.
Miller, S. Fischer Steel & Iron Construction Co., 1133 B'way
Milliken Bros., 11 B'way
Murray Hill Iron Works Co., 214 E 37th
National Bridge Co., 1123 B'way
New York Bridge & Iron Co., 39 Cortlandt
Owego Bridge Co., 45 B'way
Passaic Steel Co., 5 Nassau. Works, Paterson, N. J.
Penna. Steel Co., 71 B'way
Phoenix Bridge Co., 49 William
Pierson & Co., 20 B'way
Pierson & Goodrich, 281 4th av
Post & McCord (Inc.), Fuller bldg
Prince Iron Works, 555 W 33d
Riter-Conley Mfg. Co., 39 Cortlandt
SNARE & TRIEST CO., 39 Cortlandt. (See adv. index, end of book)
STEWART, JAS. & CO. (Mills & Railway Depots), North Amer. Trust bldg
Storm, Walter H. & Co., 26 Cortlandt
TERRY & TENCH CO., 131st & Lex. av. (See adv. index, end of book)
Thompson, Hervey, 176 E 119th

Borough of Queens.

LONG ISLAND CITY—Hawkins Iron Construction Co., 66 Fulton av
MASPETH—**RICHEY, BROWNE & DON**ald. (See adv. index, end of book)

(END OF NEW YORK CITY)

OWEGO—Owego Bridge Co.
PAINTED POST—Lane Bridge Co.
TROY—West Side Structural Co., Watervliet

NORTH DAKOTA.

FARGO—Gargo Bridge & Iron Co.

OHIO.

KRON—Akron Engineering Co.
Wellman-Seaver-Morgan Co. (Steel Buildings)
BEDFORD—Interstate Engineering Co.
BELLEFONTAINE—Bellefontaine Bridge & Iron Co.
CANTON—American Bridge Co.
Canton Bridge Co., Atlas Bank bldg
CINCINNATI—American Bridge Co., Wiggins blk
Brackett Bridge Co., 518 Walnut
Bredenforder, Chas., 456 E 2d
Potthoff & Frey Iron Co., Front & Lawrence
Schoenberg, Fred., W 8th nr Evans
Schreiber, L. & Sons Co., 8th & Eggleston av
Stacey Mfg. Co., 239 Mill
Stewart Iron Works, 3d & Culvert
Walton Iron Co., Spring Grove av & Monmouth
Ward, W. E. & Co., 1347 Central av
CLEVELAND—**BROOKS, T. H. & CO.,** 960 Lake. (See adv. index, end of book)
Cleveland Bridge Co., St. Clair & Willson av
FOREST CITY STEEL & IRON CO. (See adv. opp. next page)
GARRY IRON & STEEL CO. (See adv. index, end of book)
Hathaway, A. G. & Co., Cuyahoga bldg
Interstate Engineering Co., Williamson bldg
King Bridge Co., St. Clair & Ruskin
McKenna, M. H. & Co., The Arcade
Union Machine & Boiler Co., 108 River
Van Dorn Iron Works Co., 1793 E Madison av

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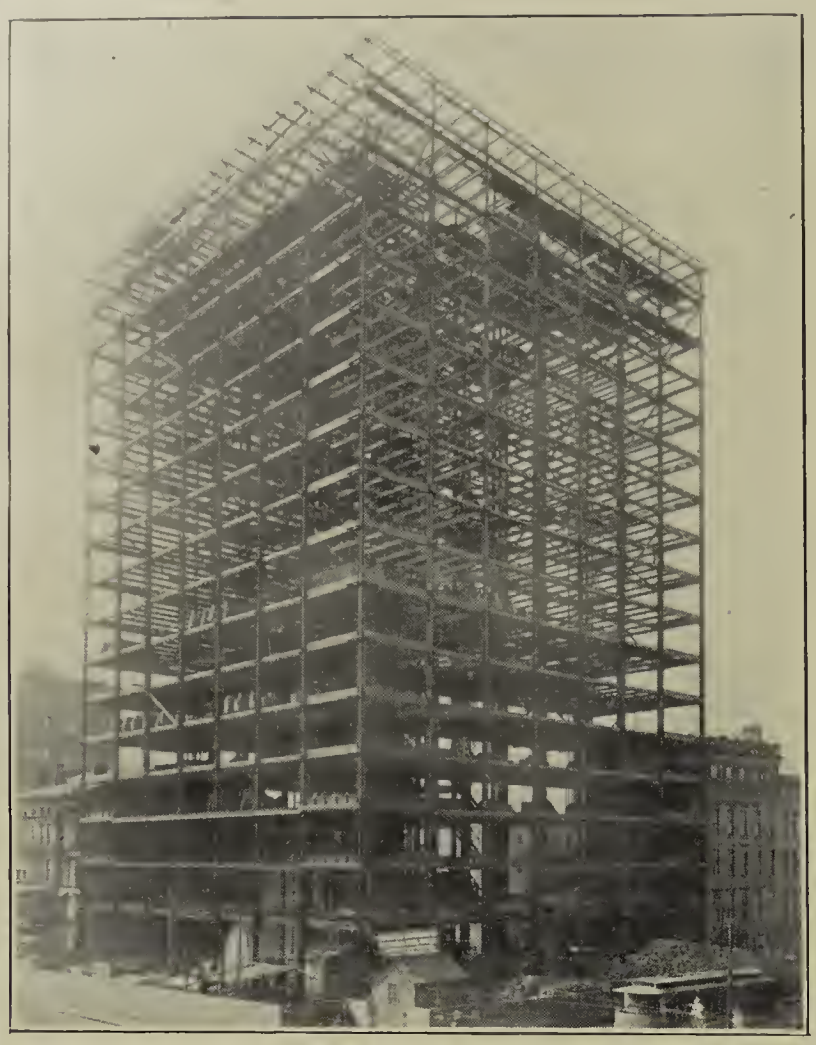
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New Columbus Bridge Co.
Rarig, A. K. Engineering Co.
GIRARD—Girard Boiler & Mfg. Co.
KENTON—**CHAMPION IRON CO.** (See adv. opp. this page)
LEBANON—Oregonia Bridge Co.
LOWELLVILLE—Meehan Boiler & Construction Co.
MARION—Fairbanks Construction Co.
MASSILLON—Massillin Bridge Co.
MT. VERNON—Mt. Vernon Bridge Co.
NILES—Niles Boiler Co.
SPRINGFIELD—Rogers Iron Co.
TOLEDO—American Bridge Co.
Donovan Wire & Iron Co.
Massillon Bridge Co., Garden blk
Toledo Foundry & Machine Co., 202 Cherry
Toledo Wire & Iron Works
WELLSVILLE—Carroll-Porter Boiler & Tank Co.
WILMINGTON—Champion Bridge Co.
YOUNGSTOWN—American Bridge Co.
Enterprise Boiler Co.
Pollock, W. B. Co.
Youngstown Wire & Iron Co.

OREGON.

PORTLAND—Columbia Engineering Works, 10th c Johnson
Pacific Bridge Co., 263 Yamhill
Phoenix Iron Works, Hawthorne av c E 3d
Portland Bridge & Building Co.
Williamette Iron & Steel Works, 123 3d N

PENNSYLVANIA.

ALLEGHENY—Albree, Chester B., 1115 Market
Pittsburg Steel Construction Co., 26 Beaver av
RIESECK, P., Allegheny av & Rebecca. (See adv. below)
ALLENTOWN—Allentown Rolling Mills (Cast & Riveted)
BEAVER FALLS—Penn Bridge Co.
CARNEGIE—American Structural Steel Co.
CANONSBURG—Fort Pitt Bridge Works
CARNEGIE—American Structural Steel Co.
Columbia Bridge Co.
CHAMBERSBURG—Nelson & Buchanan Co.
CLAYSVILLE—South Pittsburg Iron Works
DU BOIS—Du Bois Iron Works
EASTON—Easton Foundry & Machine Co.
PHILADELPHIA — American Bridge Co., Penna. bldg
Belmont Iron Works, 22d & Wash'n av
Clopp, Geo. B., 3717 Filbert
Creswell, S. J., Iron Works, 23d & Cherry
Dauphin Bridge & Construction Co., 1213 Filbert
Etter Construction Co., 1421 Filbert
Greiner, J. H. (Erecting Contractor), 1219 Filbert
Healey & Co., Drexel bldg
Hoffman Engineering & Contracting Co., Penna. bldg
Keystone Structural Co., 1502 Market
Levering & Garrigues, 3302 LLudlow
Lindsay, W. W. & Co., 1502 Market
McCarty, A. F. & Co., 1215 Filbert
MERRITT & CO., 1024 Ridge av. (See adv. index, end of book)
North Penn Iron Co., North Penn Junction
Parvin & Co., Stephen GiGrard bldg
Penna. Steel Co., Girard bldg
Phila. Bridge Works, Real Est. Trust bldg
Phoenix Bridge Co., 410 Walnut
REMPPIS, WM. F. CO., 331 Witherspoon bldg. (See adv. index, end of book)
Shoemaker, Lewis F. & Co., Harrison bldg
Steel & Wike Co., Clearfield & N 20th
Steward & Stevens Iron Works, 9th cor Montgomery av
West Virginia Bridge & Construction Co., Phila. Bourse
PHOENIXVILLE—Phoenix Iron Co. (Steel Only)
PITTSBURG—American Bridge Co., Frick bldg
American Structural Steel Co., Times bldg
Bollinger, C. L. Co., Empire bldg
Carrol, Porter Boiler & Tank Co., Empire bldg
Columbia Bridge Co., Park bldg
Eichleay, Jno., Jr., Co., 21st & Wharton
Fort Pitt Bridge Works, House bldg
Heyl & Patterson, 51 Water
Kratzer, W. N. & Co., 3218 Smallman
Lawrence Steel Construction Co., 3301 Penn av
McClintic-Marshall Construction Co., Park bldg
Morse, E. K., Farmers' Bank bldg
Peterson, Seburn & Co.
Phoenix Steel Construction Co., Penn av & 3d, Pittsburg, Pa.
Pittsburg Construction Co., Bissell blk
Pittsburg Steel Construction Co., Ltd., Park bldg
Riter-Conley Mfg. Co., 56 Water
SCAIFE, WM. B. & SONS CO., 221 1st av. (See adv. preceding page)
South Pittsburg Iron Works, Empire bldg.
STEWART, JAS. & CO. (Mills & Railway Depots), Westinghouse bldg,
Tate, Jones & Co. (Inc.), Empire bldg, Pittsburg, Pa.
West Braddock Bridge Co., 512 Smithfield
POTTSVILLE—Eastern Steel Co.
POTTSTOWN—McClintic-Marshall Construction
RANKIN—McClintic-Marshall Construction Co.
READING—**REMPPIS, WM. F. CO.** (See adv. index, end of book)
Schuylkill Valley Bridge Co.
ROYERFORD—Keystone Structural Co.
SCRANTON—Finch Mfg. Co.
STEELTON—Penna. Steel Co.
YORK—York Bridge Co.

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Cope Bridge Co.
Eureka Supply Co.
MEMPHIS—Chickasaw Iron Works

VIRGINIA.

MANASSAS—Tillet, Jno. R.
NORFOLK—MacNichol, C. F. Construction Co. Lowenberg bldg
Tatterson, Tlbert, 312 Main
RICHMOND—Richmond Iron Works, Broad c 15th
Snyder, Asa & Co., 731 Cary
ROANOKE—Virginia Bridge & Iron Co.

WASHINGTON.

SEATTLE—American Bridge Co.
Puget Sound Bridge & Dredging Co., Scan.-Am. Bank bldg
Seattle Bridge Co., Pacific blk
TACOMA—Northwest Bridge Co., Bernice bldg

WEST VIRGINIA.

WHEELING—Riverside Bridge Construction Co.
West Virginia Bridge & Construction Co.

WISCONSIN.

LA CROSSE—La Crosse Bridge & Steel Co.
MILWAUKEE—American Bridge Co.
Bayley, Wm. & Sons Co., 732 Greenbush
Milwaukee Bridge Co.
Skobis Bros., 951 30th
Wisconsin Bridge & Iron Co.,G Pabst bldg
WORDEN-ALLEN CO., P. O. Box 528. (See adv. below)
WAUKESHA—Modern Steel Structural Co.

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Steel (Swedish)

(See Iron & Steel, Swedish.)

Steel (Tack)

AMERICAN SHEET & TIN PLATE Co., Frick bldg, Pittsburg, Pa. District Sales Offices: Battery Park bldg, New York; Rookery bldg, Chicago, Ill.; Union Trust bldg, Cincinnati, O.; Chemical bldg, St. Louis, Mo.; Portland, Ore.; Hennen bldg, New Orleans, La.; Denver, Col.; Detroit, Mich., & Mills bldg, San Francisco, Cal. (See adv. index, end of book)

Steel Tanks

(See Tanks, Iron & Steel.)

Steel Tipples & Trestles

(See also Tipples, Mine.)

SCAIFE, WM. B. & SONS CO., 221 1st av. (See adv. idex, end of book)

Steel (Tool)

(See also Steel Importers.)

AMERICAN BRAKE SHOE & FOUNdry Co., Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)
American Tube & Stamping Co. (Crucible), Bridgeport, Conn.
Bethlehem Steel Co., So. Bethlehem, Pa.; 100 B'way, N. Y.; Phila., Pa., & Chicago, Ill.
Braeburn Steel Co. (Tool, Spring, Hammer & Machinery, Fine Open Hearth Steel), Braeburn, Pa. Pittsburg, Pa.
Burgess, Chas., Cyclops Steel Works (Crucible), Titusville, Pa.
Carpenter Steel Co. ("Crucible" for Tools, Dies, Cutting, etc.), Reading, Pa.; 1 B'way, N. Y.
Colonial Steel Co. (Crucible & Open Hearth, in Bars, Sheets & Circular Plates, Plow, Saw, Shovel, Axe, Fire Fly & Merchant Steel), etc.), Keystone bldg, Pittsburg, Pa.
Crucible Steel Co. of America, Frick bldg, Pittsburg, Pa.
Damascus Crucible Steel Casting Co., "Crucible," "Dawson," "Process," New Brightou. Pa.
Damascus Nickel Steel Co. (High Grade Tool & Machinery Bar Steel & Nickel Steel), Phila. Bourse, Phila., Pa. Works, Carnegie, Pa.
Disston, Henry & Sons (Inc.) (Crucible), Tacony, Phila., Pa., & 75 W Wash'n, Chicago, Ill.
Firth-Sterling Co. ("Blue Chip"), Demmler, Pa., & 345 4th av, Pittsburg, Pa.
Foster, Alex. & Co., 2325 Spring Garden, Phila., Pa.
Kidd Bros. & Burgher Steel Wire Co. (Crucible Cold Drawn all Shapes Drawn Header & Drawn Grip, Die Steel), Aliquippa, Pa.
Ludluw Steel & Spring Co. (Crucible Cast Steel), Pompton, N. J.
Midvale Steel Co., Nicetown, Phila., Pa.
Norwalk Steel & Iron Co. (Crucible), Norwalk, O.
New Brighton Steel Co., New Brighton, Pa.
Stubbs Steel Co., 17 N 5th, Phila., Pa. Conn.
Vulcan Crucible Steel Co., Aliquippa, Pa., & 2d Nat'l Bank bldg, Pittsburg, Pa.
Westmoreland Steel Co. (Open Hearth Crucible), Pittsburg, Pa. Works, Greensburg, Pa.

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(See Towers, Steel & Tank, Water.)

Steel Tubing

(See Tubing, Various Kinds.)

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(See Blast Furnace & Steel Works, Engineers & Contractors.)

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Foster Bros. & Chatillon Co., Fulton, N. Y.
Mack & Co., Rochester, N. Y.

Steering Gears (Yacht & Ship)

Edson Mfg. Co., 257 Atlantic av, Boston, Mass.
Johnston, Wm. T. ("Cincinnati" Automatic), 522 Main, Cincinnati, O.

Stencils

Crescent Seal & Stamp Co., Cambridge. O.
Hanson, C. H., 44 S Clark, Chicago, Ill.
Smith, R. H. Mfg. Co., 293 Main, Springfield, Mass.
Monce, S. G. (Interchangeable Lock), Unionville, Conn.
Stencil Treasury, 209 E 59th, New York

Steps (Carriage)

Bethlehem Foundry & Machine Co. (Cast Iron), South Bethlehem, Pa.

Steps (Sewer)

Lanz, M. & Sons, 101 S 29th, Pittsburg, Pa.

Sterilizing Apparatus

Bramhall, Deane Co. (For Hospital, etc.), 264 Water, New York

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Flynn, W. S. (For All Purposes), Jersey City, N. J.
Harris Geo. P. & Bro., 64 W Lake, Chicago. Ill.
Jochum, Andrew, 148 E 50th st, N. Y.
Struthers-Wells Co. (Steel), 26 Cortlandt, New York; Pittsburg, Pa. Works, Warren, Pa.
Vulcan Copper Works, Cincinnati, O.
Zobber, Otto Copper & Iron Works, 552 N Halsted, Chicago

Stills (Refinery)

Hammond Iron Works (For Oil Refineries)
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Struthers-Wells Co. (Steel), 26 Cortlandt, New York; Pittsburg, Pa. Works, Warren, Pa.

Stirrups (Harness)

Wrightsville Hardware Co., Wrightsville, Pa.

Stirrups or Hangers

American Iron & Steel Mfg. Co., Lebanon, Pa.
AMOS, CHAS. & CO., 94 W Larned, Detroit, Mich. (See adv. index, end of book)
(See adv. index, end of book)
Bethlehem Foundry & Machine Co., S Bethlehem, Pa.
CHAMPION IRON CO., Kenton, O. (See adv. index, end of book)
Continental Bolt & Iron Works, 22d & Union, Chicago, Ill.
Dietrich Bros., 344 North, Baltimore, Md.
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., 1330 Buttonwood, Philadelphia, Pa.
Lanz, M. & Sons, 101 S 29th, Pittsburg, Pa.
Michigan Bolt & Nut Works, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., Florida cor Main, St. Louis, Mo.
Mulvey, Chas. Mfg. Co., 18 S Jeff'n, Chicago, Ill.
NATIONAL SUPPLY CO., 7 W Lombard, Baltimore, Md. (See adv. index, end of book)
Old Dominion Iron & Nail Works Co., Richmond. Va.
Oliver Iron & Steel Co., Pittsburg, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Peters, Jas. & Son(Wrought Iron, Stirrups), 1934 N Front, Phila., Pa.
Republic Iron & Steel Co. General Offices: 1st Nat'l Bank bldg, Chicago. District Sales Offices: Buffalo, N. Y.; Cleveland, O.; Birmingham, Ala.; 64 Broadway, N. Y.; St. Louis, Mo.; St. Paul, Minn.; Pittsburg, Pa., & Cincinnati, O.
Rockford Bolt Works, Rockford, Ill.
Russell, Burdsall & Ward Bolt & Nut Co., Porchester, N. Y.
Schreiber, L. & Sons Co., 8th & Eggleston av, Cincinnati, O.
STEWARD & ROMAINE MFG. CO., 124 N 6th, Philadelphia, Pa. (See adv. index, end of book)
VARIETY MFG. CO. ("Mulvey" Stirrups), 77 W Lake, Chicago, Ill. (See adv. index, end of book)

Stocks & Dies

Acme Machinery Co., Hamilton & Belden, Cleveland, O.
Armstrong Mfg. Co. (Pipe Threading, etc.), Bridgeport, Conn., & 139 Centre, New York
ASHCROFT MFG. CO. (Pipe), S5, S7 & 89 Liberty, New York, & 22, 24 & 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.
Besly, Chas. H. & Co. ("Gardner" & "Badger" Die & Stock Set), 15 Clinton, Chicago, Ill.
Billings & Spencer Co., Hartford. Conn.
Brubaker, W. L. & Bros. (Pipe Threading), Millersburg, Pa.
Butterfield & Co., Derby Line, Vt.
Card, S. W. Mfg. Co., Mansfield, Mass.
Carpenter, J. M. Tap & Die Co., Pawtucket, R. I.
Connecticut Tool Co. (Adjustable Pipe Threading), Bridgeport, Conn.
CRANE CO., Esta. 1855 (Pipe Threading, etc.), 10 N. Jefferson, Chicago, Ill.; 490 Cherry, New York; 220 S 5th, Phila., Pa.; Omaha, Neb.; Kansas City, Mo.; Los Angeles, Cal.; St. Louis, Mo.; Sioux City, Ia.; San Francisco, Cal.; Portland, Orc.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Curtis & Curtiss (Pipe), Bridgeport, Conn.
Eaton, Cole & Burnham Co., Bridgeport, Conn.
Enterprise Windmill Co. (Ratchet Pipe Threading), Sandwich, Ill.
Garvin Machine Co., 137 Varick, N. Y.
Hart Mfg. Co., Wood & St. Clair (Ratchet Die Stocks), Cleveland, O.
Hayes, Harrison (Adjustable), 41 Cross, Portland, Me.
Hollands Mfg. Co. (Pipe), Erie. Pa.
Holroyd & Co., Waterford, N. Y.
Humphryes Mfg. Co., Mansfield, O.
Jarecki Mfg. Co. (Pipe Threading, etc.), Erie, Pa., & Pittsburg, Pa.
Kemp, C. M. Mfg. Co. (Ratchet Stocks), 401 E Oliver, Baltimore, Md.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Oster Mfg. Co. (Ratchet, Stock & Die), 85 E Prospect, Cleveland, O.
Oswego Tool Co. (Malleable Solid Die for Pipe), Oswego, N. Y.
Pancoast, Hy. B. & Co. (Pipe Threading, etc.), 243 S 3d, Philadelphia, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Polk, A. J. & Son (Pipe), Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Reece, E. F. Co., Greenfield, Mass.
Reed Mfg. Co. (Adjustable & Solid), Erie, Pa.
Reliance Machine Tool Co., 31 W Center, Cleveland, O.
Rumsey & Co., Ltd. (Inc.) (GaGs Pipe), Seneca Falls, N. Y.
Saunders, D. Sons (Pipe Threading, etc.), Yonkers, N. Y.
Standard Engineering Co. (Hand), Elwood City, Pa.
Standard Tool Co., Cleveland, O.
Walworth Mfg. Co. (Pipe Threading, etc.), 132 Federal, Boston
Wells Bros. Co., Greenfield, Mass.
Wells, F. E. & Son ("Economy" Pipe Threading). Greenfield, Mass.
Wiley & Russell Mfg. Co., Greenfield, Mass.
Winter Bros. Co. (Die Stocks), Wrentham, Mass.

Stone (Artificial Building)

(See also Blocks, Hollow Concrete Building.)

Cleveland Concrete & Building Block Co. (Building Blocks), Cleveland, O.
Eilbacher, Chas., 32 4th, Elizabeth, N. J.
Block Co., Washington, D. C.
Flatley Bros. & Co., Green Bay, Wis.
Lewis, Jno. A., Des Moines, Ia.
Miracle Pressed Stone Co., Sioux Falls, S. Dak.
Palmer, Harmon S. Hollow Concrete Building Block Co., Washington, D. C.
Silicate Stone Co. (Ford's Silicate-of-Lime-stone), 15 Wall, New York
Southern California Artificial Stone & Imp. Co., Los Angeles, Cal.
Standard Concrete Mfg. Co., 260 Clarkson, Brooklyn, N. Y.
STEVENS CAST STONE CO. ("Litholite"), 808 Cham. of Com., Chicago, Ill. (See adv. index, end of book)
Wichita Hydraulic Stone & Brick Co., Wichita, Kans.

Stone Breakers

(See Rock & Ore Crushers.)

Stone Carvers

(See Carvers, Stone.)

Stone Channeling Machines

(See Machines, Stone Channeling.)

When writing to firms whose names appear in this book please mention HENDRICKS' COMMERCIAL REGISTER.

Stone Crabs (Hook & Chain)

Beatty, M. & Sons, Welland, Ontario, Can.
BYERS, JOHN F. MACHINE CO., Ravenna, O. (See adv. index, end of book)

Stone (Crushed)

(See also Trap Rock.)
(Also Granite Producers, Workers, etc.)
(Also Stone Producers, Workers, etc.)
(Also Stone Screenings.)

ARKANSAS

LITTLE ROCK—Pulaski Crushed Rock & Paving Co.
Twen Cen Granite Co. (Granite)

CALIFORNIA.

COLTON—California Portland Cement Co. (Limestone)
LOS ANGELES—California Portland Cement Co. (Limestone)
OAKLAND—Piedmont Paving Co., Macdonough bldg
SAN FRANCISCO—Gray Bros. (Trap Rock), Hayward bldg
Union Construction Co., 117 Sutler

CONNECTICUT.

BRIDGEPORT—Pierce, B. D., Jr., (Trap Rock, etc.), 122 Bank
Silliman & Godfrey Co., 1110 Broad
FARMINGTON—Farmington Stone Crusher Co.
HARTFORD—Keenan, D. F. (Trap Rock), 721 Main
MERIDEN—Connecticut Trap Rock Quarries
Lane Construction Co.
MIDDLETOWN—Haddam Granite Co. (Granite)
NEW BRITAIN—Caldwell, Chas. B.
NEW HAVEN—Blakeslee, C. W. & Sons
Brazos, Frank, 808 Elm
Connecticut Concrete Co.
Connecticut Trap Rock Quarries (Trap Rock)
NEW LONDON—Scott, Thos. A. Co.
NORWICH—Torrance & Matthews
PLAINVILLE—Cooke Stone & Ice Co.

DISTRICT OF COLUMBIA.

WASHINGTON—Smith, Chas. G. & Son, 3218 K, N W

GEORGIA.

ATLANTA—Kriegshaber, V. H.
AUGUSTA—Lithonic Crushed Stone Co.

ILLINOIS.

BATAVIA—Batavia Supply Co.
CHICAGO—Amberg Granite Co. (Granite), 438 Fulton
American Crushed Stone Co. (Granite), 2 Webster av
Artesian Stone & Lime Works Co., Grand & N Campbell avs
Brownell Improvement Co. (Limestone, also Concrete Stone), Cham. of Com. bldg
Chicago Crushed Stone Co., 108 La Salle
Chicago Union Lime Works Co., W 19th & S Lincoln
Chicago & Naperville Stone Co., 184 La Salle
Dolese & Shepherd Co. (& Granite), 184 La Salle
Inter-Ocean Stone Co., 59 Clark
Lake Shore Sand & Gravel Co., 138 Wash'n
Montgomery, F. M., 108 La Salle
O'Laughlin, J. & A. C., 172 Wash'n
Producers Supply Co., 138 Wash'n
Stearns Lime & Stone Co. (Limestone), 165 E Randolph
Western Consolidated Granite Co. (Granite), Cham. of Com. bldg
Western Granite Co. (Granite), 188 Madison
Western Stone Co., Cham. of Com. bldg
E. ST. LOUIS—E. St. Louis Stone Co., 40 Missouri av
NAPERVILLE—Dolese & Shepard Co.
PEORIA—Crescent Stone Co., 115 N Jeff'n
Wasson, T. J.
QUINCY—Roeder & Greeman
ROCK ISLAND—Davis, T. B. (Crushed Rubble Limestone)

INDIANA.

EVANSVILLE—Bedford & Nugent
Eichel Lime & Stone Co. (For Macadam, etc.)
HUNTINGTON—Keefer, Henry
LOGANSPORT—Lux, Harry (Limestone)
WABASH—Bridges', Thos. Son

IOWA.

KEOKUK—McManus & Tucker
MASON CITY—Mason City Stone Co.

KENTUCKY.

DAYTON—Trapp, Jno.
LOUISVILLE—Bitzer, Peter, Tarascon av, W of 18th
Kilgus, C. F., Long Cliffe av
OLIVE HILL—Davis, T. J. & Co.

MAINE.

PORTLAND—Maine & New Hampshire Granite Co. (Granite)

MARYLAND

BALTIMORE—Attkinson, Jas. H., 14 North
Hook Quarry Co. ,216 N Liberty
Schwind Quarry Co., Fidelity bldg
Standard Lime & Stone Co., Equitable bldg
DICKERSONS—*Millard, H. M.
*Standard Lims & Stone Co.
PORT DEPOSIT—McClenahan Granite Co. (Granite)

MASSACHUSETTS.

BOSTON—McMurty, A. J. & G. H., 16 Shepard (Br)
Massachusetts Broken Stone Co., 235 Franklin
Old Colony Trap Rock Co., 89 State
Quincy Granite Quarries Co., 40 State
Richmond, Augustus C., 209 Washington
ROCKPORT GRANITE CO. (Granite), 31 State. (See adv. index, end of book)
West Roxbury Trap Rock Co., Grove cor Centre, W R
MONSON—Flynt, W. N. Granite Co. (Granite & Trap Rock)
NEWBURYPORT—Kelleher, Jeremiah
PIGEON COVE—Pigeon Hill Granite Co.
QUINCY—Kavanagh Bros. & Co.
ROCKPORT—**ROCKPORT GRANITE** Co. (Granite). (See adv. index, end of book)
SALEM—Massachusetts Broken Stone Co.
WORCESTER—Goddard, Asa, 24 Wash'n sq
O'Gara, Jno., 1290 Main

MICHIGAN.

ADRIAN—Adrian County Jail
DETROIT—Griffin, M. J., 104 Lafferty pl
Little, C. H. Co., 37 Pen Bank bldg
Michigan Stone & Supply Co., Newberry bldg
MONROE—Monroe Stone Co.
Shore Line Stone Co.

MINNESOTA.

DULUTH—Duluth Crushed Stone Co.
KASOTA—Babcock, C. W. & Co.
MINNEAPOLIS—Blue Limestone Co., 1529 Central av
Kettle River Quarries Co.
Langdon Stone Co. (Limestone), 1405 10th av, S
ST. PAUL—Blue Limestone Co., 15th c Central av
SANDSTONE—Kettle River Quarries Co.

MISSOURI

KANSAS CITY—Samuel & Holmes Construction Co., Kemper bldg
ST. LOUIS—Bruner, P. M. Granitoid Co. (Granite), 816 Olive
Eyermann, G., Jr., & Bro., Hickory cor Grand av
Finck, J. C. Mineral Milling Co. (Granite), 101 Barton
Milne & Gordon (Granite), Jefferson & Mo. Pac. R. R.
Mound City Construction Co., 706 Chestnut
Schneider Granite Co. (Granite), Fullerton bldg
Thompson & Gray Quarry Co., 105 N 7th
Twen Cen Granite Co. (Granite)

NEBRASKA

OMAHA—Grant Paving Co., Bee bldg
Schall, A. & Co., 511 Jones

NEW HAMPSHIRE

WEST LEBANON—Pigeon Hill Granite Co. (Granite)

NEW JERSEY

BOUND BROOK—Bound Brook Crushed Stone Co.
DUNELLEN—Garretson & Gray
JERSEY CITY—Shanley, B. M. & J. F. Co., 26 Exchange pl
MIDDLE VALLEY—Middle Valley Trap Rock & Mining Co. (Trap Rock)
LITTLE FALLS—Francisco Bros.
MORRISTOWN—Morris County Crushed Stone Co.
NEWARK—Shanley, B. M. & J. F. Co., 867 Broad
NO. LEROY—General Crushed Stone Co. (Inc.)
PATERSON—McKiernan & Bergin
Marley, Francis J.
Paterson Crushed Stone Co.
PLAINFIELD—Smalley Bros.
POMPTON—Colfax & Steele
ROCKY HILL—Rocky Hill Stone Storage Co.
RUTHERFORD—Galloway, E. T.
SCOTCH PLAINS—Hatfield & Weldon

When writing to firms whose names appear in this book please mention HENDRICKS' COMMERCIAL REGISTER.

NEW YORK

ALBANY—Callanan Road Improvement Co. (Limestone), 51 State
Dumary, T. Henry, 40 State
Helderberg Cement Co., 38 State
BUFFALO—BUFFALO CEMENT CO. (Ltd.) (Also Building Dimension & Cut Stone), 110 Franklin
German Rock Asphalt & Cement Ci., D. S. Morgan bldg
GOUVERNEUR—Northern Crushed Stone Co.
NEWBURGH—Miller, D. C.

NEW YORK CITY.

Borough of Brooklyn

BROOKLYN—Lake, W. B., Lake pl cor Van Sicklen
Maillie, Jno. F., 27 Wil'by
Ryan, N., 491 Smith

Boroughs of Manhattan & Bronx

NEW YORK—Bouker Contracting Co., 21 State
Brooks, Wm. Son Co., 615 W 49th
Conklin & Foss, 135 Front
Donovan, John J. (Granite), 203 B'way
Fairview Stone Crushing Co., 199 Chambers
Gallagher, Jno., 410 E 38th
General Crushed Stone Co. (Inc.), Jerome Park
Grossman, Geo., 622 W 131st
Hudson River Stone Supply Co., 170 B'way
Junghertchen, Wm., 507 E 19th
Leopold, Jos. & Co. (Granite), 18 B'way
Logan, Wm., 129 Broad
Mooney, T. J. & Co., 403 E 23d
Murray & Co., 263 Av C
O'Brien Bros., 54 South
O'Connell & Hiliery Lime & Marble Dust Co., 647 W 131st
Phoenix Towing & Transportation Co. (Crushed or Broken), 17 State
Rendt, Louis B., 18 Beaver
Rockland Lake Trap Rock Co., 135 Front
ROCKPORT GRANITE CO. (Granite), 21 Park Row. (See adv. index, end of book)
Rocky Hill Stone Storage Co., 44 Broad

(END OF NEW YORK CITY.)

ROCKLAND LAKE—Clinton Point Stone Co.
Rockland Lake Trap Rock Co.
SCHENECTADY—Shear, A. & Co.

OHIO.

BELLEVILLE—Belleville Stone Co.
CINCINNATI—Ashman, A. B. & Co., 9th & John
CLEVELAND—Spence Bros., 2923 Euclid av
COLUMBUS—Black Lick Stone Co., Clinton bldg
Casparis Stone Co., Clinton bldg
Columbus Macadam Co., 319 Dublin av
Columbus Stone Co., 319 Dublin av
DAYTON—Lewis & Talbot Stone Co. (White Limestone)
DELPHOS—Fisher, A. L.
FOSTORIA—Seneca White Lime Co.
LIMA—Pugh Stone Co.
LOWELLVILLE—Carbon Limestone Co. (Concrete a Specialty)
MARION—Evans, Jno. Stone & Lime Co. (Est. of)
NEW PARIS—Reinheimer Bros.
PATTERSON—Herzog, Jno. (Limestone)
SPRINGFIELD—Mills Bros.
YOUNGSTOWN—Bessemer Limestone Co., "For Concrete, Macadam, etc."

PENNSYLVANIA.

EASTON—Easton Lime Co.
HARRISBURG—Walton Quarries (Limestone)
NORRISTOWN—Block & Tile Paving Co. (Limestone)
Dyer, Jno. T. Quarry Co.
PHILADELPHIA—Cedar Hollow Lime Co., Land Title bldg
Dyer, Jno. T. Quarry Co. (Stone), 12 S 15th
Glen Mills Crushed Stone Co., 627 Chestnut
Lukens & Yerkes. Stephen Girard bldg
New Wayne Quarry Co., Wayne av cor Logan (Gtn)
Tilli, Jas., 822 S 8th
Warner, Chas. Co. (Limestone), Land Title bldg
Williamson, Frank, 2202 Chestnut
PITTSBURG—Blair, Reed F. & Co. (Limestone), Frick bldg
Consolidated Stone & Mining Co. (Limestone), 335 5th av
Minsinger Bros. & Co., 562 2d av
Pope Cement & Brick Co., 421 Wood
Winfield Mineral Co., 421 Wood
QUAKERTOWN—Hixson, Chas. T.
S. BETHLEHEM—General Crushed Stone Co. (Inc.)
TYRONE—American Lime & Stone Co. (Limestone)

RHODE ISLAND.

E. PROVIDENCE—McCormick, Jos.

TEXAS

EL PASO—El Paso Ice & Refrigerator Co.

WISCONSIN.

AMBERG—Amberg Granite Co. (Granite)
Pike River Granite Co.
HAMILTON—Hamilton Lime & Stone Co.
Western Lime & Cement Co.
LA CROSSE—Black River Granite Co. (Granite)
MILWAUKEE—Chicago Brick & Supply Co., 204 Grand av
Menominee Falls Lannon Stone Co., 97 Wisconsin
OSHKOSH—Lutz Bros.
RACINE—Horlicks' Lime & Stone Co.
O'Laughlin, Jno. Stone Co.

Stone Crusher Parts & Repairs

(See also Castings, Rock Crusher)

Steel & Condit, c Pearl & Steubner, Jersey City, N. J.
Taylor Iron & Steel Co., High Bridge, N. J.

Stone Crushers

(See Rock & Ore Crushers.)

Stone Crushing Plants, Complete

ACME ROAD MACHINERY CO., Frankfort, N. Y.
Allis-Chambers Co., New York Life bldg, Chicago, Ill.; Scranton, Pa., & Milwaukee, Wis.
Bacon, Earle C., 26 Cortlandt, N. Y.
Climax Road Machine Co. (Stationary or Portable), Marathon, N. Y.
Good Roads Machinery Co., Kennett Square, Pa.
Meyer, Henry H., 110 S Howard, Baltimore, Md.
South St. Louis Foundry, St. Louis, Mo.

Stone (Curbing)

BEDFORD QUARRIES CO., 204 Dearborn, Chicago, Ill.; 949 B'way, N. Y.; 190 Euclid av, Cleveland, O. Quarries & Mills, Bedford, Ind. (See adv. on front cover)
Independent Stone Co., Cuyahoga bldg, Cleveland, O.
OHIO QUARRIES CO., 190 Euclid av, Cleveland, O.; 204 Dearborn, Chicago, Ill., & 949 B'way, N. Y. Quarries & Mills, Amherst, O.

Stone Cutters' Pneumatic Tools

(See Pneumatic Stone Cutters' Tools)

Stone Cutters' Points

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)

Stone Cutters' Tools

(See Tools, Granite, Marble & Stone Cutters.)

Stone Cutting Machines

(See Machines, Stone Cutting.)

Stone (Istrian & Hauteville)

MANHATTAN MARBLE CO., 139th & East River, New York. (See adv. index, end of book)

Stone Masons

(See Masons & Builders, also Stone Producers & Dealers, also Contractors, General.)

Stone Planers

(See Planers, Stone.)

Stone Polishing Machinery

(See Machinery, Stone Polishing.)

Stone Producers, Workers & Dealers

(Firms who operate quarries are marked by either a § or * in the towns where their quarries or main office are located, or at the P. O. nearest to their works.)
(See also Granite Producers, Workers & Dealers; also Marble Producers; also Granite & Marble Monument Workers & Dealers; also Stone, Crushed.)

ALABAMA.

ANNISTON—*Anniston Limestone Co.
*Lagarde Lime & Stone Co.
BIRMINGHAM—*Birmingham Mining & Contracting Co. (Limestone)
Melcher, Reed & Co.
Oak Hill Marble & Stone Works (Cut Contractors)
FORT PAYNE—Standard Lime Co. (Limestone)
HUNTSVILLE—Hummel, J. F. & Son (Contractors)
MOBILE—McDonald, D. J. Stone Co. (Cut Contractors & Flagging)
McDonald, March & Co. (Cut Contractors), Royal st
SHEFFIELD—§Fossick, T. L. Co. (Oolitic Limestone)

ARIZONA.

FLAGSTAFF—§Arizona Sandstone Co.

ARKANSAS.

LITTLE ROCK—§Funston, W. L. & Co. (Lime & Sandstone)
McCoppin, Joseph (Flagging)
*Pulaski Crushed Rock & Paving Co.

CALIFORNIA.

COLTON—*California Portland Cement Co. (Building Rock)
GILROY—§Martin, A. A.
HAYWARDS—Jackson, T. B. (Cutter)
LOS ANGELES—Brown & Ford (Cut Contractors), 230 San Pedro
*California Construction Co. (Granite & Sandstone), 220 N Main
*California Portland Cement Co. (Building Rock), 104 S B'way
Lane Bros. (Cut Contractors), 631 S Spring
Pacific Marble & Granite Co., 931 E 1st
NAPA—Newman, Samuel J. (Cut Contractors)
OAKLAND—Combs, A. W.
Veitch, W. T. & Bro.
PASADENA—Holmes, Thos.
SACRAMENTO—Harder, O. & Sons (Cut)
SAN DIEGO—§Simpson Pirnie Granite Co.,
SAN FRANCISCO—Anadell Basalt & Building Stone Co., 302 Montgomery
Arizona Sandstone Co., 40 New Mont'gy
Bavan Stone Co., 40 New Mont'gy
*Castro Heights Crushed Rock Co. (Crushed Stone), 206 Kearny
Colusa Stone Co., 206 Kearny
Curry, Jas. M., 40 New Montgomery
Degan, Patrick J., 40 New Mont'gy
*El Campo Quarry Co., Parrott bldg
*Gray Bros., 228 Montgomery
Lloyd, H. J. (Cut Contractor), Harrison, bet 13th & 14th
McGilvray Stone Co., c 2d & King
McPhee Co., 19th & Harrison
§Raymond Granite Co., c 10th & Division
Richards, Robt., 318 Bush
Roche, Thos. B. & Son, 14th & Harrison
*Union Construction Co. (Crushed Stone, Paving Blocks & Ballast), 219 Montgomery
*Wetmore, Geo. P. & Co., Chestnut & Montg'y
SANTA ANNA—§Arizona Sandstone Co.

COLORADO.

COLORADO SPRINGS—Colorado Springs Stone
Newton Lumber Co. & Cement Co.
DENVER—American Granite & Sandstone Co., Opera House blk
Barker, E. S., 1946 Wewatta
Brown, Geo. A., 5th & Wynkoop
Carlson, Gaylord & Williams, 1233 15th
Fraser & Richardson Stone Co., Continental bldg
Geddis & Seerie Stone Co. (Cut Contractors), Continental bldg
Hathaway, S. T., 11th c Wewatta
Jacques Bros. & Chalmers, 1424 W Colfax av
Kerr Stone Co. (Lava), 6th cor Wynkoop
McDermott, A., 2835 Arapahoe
Mann & Brown, 1st c Larimer
Murphy, Hugh, Tabor blk
Roberts, J. F., Tabor bldg
Rocky Mountain Stone Co., 22d & Delgany
*St. Vrain Red Sandstone Quarries, Tabor bldg
Sites & Buell, 2026 Delgany
Threewit, B. F., 1909 New Haven
FORT COLLINS—Mahoney & Salladin
PUEBLO—Harold, D.
Piper Bros. (Cuot Contractors), 222 W 2d
Summers, J. C.

CONNECTICUT.

ANSONIA—Holbrook, Royal (Foundation)
§Potter, Wm. (Foundation)
Seccombe Bros. (Cut, Contractors)
Wooster, Chas. B. (Building & Blue)
BRIDGEPORT—City Stone Crusher, Brooklawn av nr Hillside av
§Dixon, Jno. D., Sylvan av nr Trumbull rd
*Gallagher & Greenwood Bldg. Co., 210 Coleman
Hughes, Chas. J., 300 Stratford av
Jackson Stone Co., 202 Housatonic av
Keane, M. G., 231 Housatonic av
Park City Granite Works, 457 Mountain Grove
§Pierce, B. D., Jr., 122 Bank
Purdy, H. M. Co. (Blue), 550 Water
Sexton, M. H., 1957 Stratford av
Silliman & Godfrey, 1119 Broad
Wheeler & Howes (Blue Stone), 336 Main
§Williams & Dewhirst Co., 991 Broad
BRISTOL—Arms, Geo. C. (Foundation)
§Hough, Edgar, Ingraham
*Linstead, F. W.
Pierson, Martin E.
CROMWELL—§Middlesex Steam Brown Stone Co. (Brown)
§New England Brownstone Co.
DANBURY—Austin, Nelson E.
Osborne, A. C. (Blue), 14 Ellsworth
DERBY—Fagan, F. H. Co. (Flagging)
Kendricks, Jas., Jr. (Shelton)
Patchen, R. T. & Son (Flagging)
§Shay, Jno. (Foundation)
EAST WINDSOR HILL—§Windsor Red Stone Co. (Red Sand)
GREENWICH—*Ritch Contracting & Stone Co.
HARTFORD—Baker, Jacob, 49 Charles
Belden, Seth & Son (Flagging, etc.), 69 Comerce
Billings Sidewalk & Coal Co. (Blue, etc.), 437 Sheldon
Brabazon, Andrew (Cut Contractor), 21 Pavilion
*Keenan, D. F. (Trap Rock, Rough Wall, Botton Stone, etc.), 721 Main
Kelly Bros. (Cut Contractors), 93 Charter Oak av
Putnam, H. E. (Dealer), 276 Garden
Watson & Jackson Corp., 283 Sheldon
§Windsor Cut Stone Co. (Red Sand; also Cutters & Contractors), 40 Edwards
MERIDEN—Greenwood, W.
Grossman, G. J. (Free), 126 Hanover
Lines, H. Wales & Co., 134 State, Kensington av
Lucas, H. B. & Son
MIDDLETOWN—Middletown Coal Co. (Flagging, etc.)
Whitmore Bros. (Building)
NEW BRITAIN—Bowman, Alfred H.
Cadwell, Chas. B. (Building & Crushed)
*Hanna, W. W. (Cut Contractor), 209 E Main
Smith, T. C., c Stanley & Smalley
NEW HAVEN—Andrea, Jacob, 60 Slyvan av
Blake, T. A. (Stone Crushed), 100 Audubon
Blakeslee, C. W. & Sons (Building Broken & Blue), 58 Waverly
Bowden, Thos., 139 Sylvan av
Brazos, Frank, 803 Elm
Connecticut Concrete Co. (Stone Crushed), 49 Church
*Connecticut Trap Rock Quarries (Crushed Trap Rock), 101 Meadow
Connor, Walter J. (East Haven Brown Crushed), 962 Grand av
Coyne, John, 83 Hallock
D'Andrea, D. & Son, 413 Oak
Fahy Bros., 117 Congress av
Jacobelli, P. & Son, 394 Oak
Gilhuly, Bernard, 21 Martin, W. H.
Howard Co., 250 Boulevard
Kellogg, C. W. & Co., 506 State
Kimberly, D. A. (Building & Crushed), 561 Savin av, W. H.
Maxwell, J. R., Hedge n St Bernard's Cem.
Maxwell, Jno. & Son, 70 Hill
New England Stone Co., ft Greene
O'Brien, Laurence, 70 Beach
Phillips, Thos. & Son (Cut, Contractors), 143 High
Robertson, T. B., 755 Whalley av
Toomey Bros. Co., 121 Church
Upson & Granniss, 116 Franklin
Warner-Miller Co. (Blue Stone), Railroad av, ft St. John
Wood, J. W., 146 Wallace
NEW LONDON—Buckley, M. D. (Cut, Contractor)
§Casey, T. W. (Cut, Contractors), Graton st
Darrow, Moses.
§D'Avignon, F. P. (Cut, Contractors), 508 Bank
Ladd, Frank M.
Murray Bros.
Rogers, Harvey E.
§Ryan, J. J. (Cut Contractor & Flagging)
Young, J. C. & Co.
NORWALK—Bates Stone Co.
Meeker Coal Co. (Blue)
NORWICH—Dodd, Thos.
Harrington, P. J.
Peck, McWilliams & Co. (Flagging)
*Torrance & Matthews (Crushed)
PLAINVILLE—§Cooke Stone & Ice Co. (Trap Rock)
PORTLAND—§Brainerd, Shaler & Hall Quarry Co. (Brown)
Conn. Steam Brownstone Co. (Brownstone Cutters & Contractors)
§Middlesex Quarry Co. (Brown)
ROCKVILLE—*Rau, Chas. R. (Flagging)
ROCKY HILL—*Conn Trap Rock Quarries Co.
SHELTON—See Derby
SOUTHINGTON—Southington Lumber & Feed Co. (Flag)
SOUTH NORWALK—See Norwalk
STAFFORD SPRINGS—Kingsbury, A. W. (Monumental Work & Curb Stone, Stone Cutter)
STAMFORD—Bounty, A. E. (Blue Flagging), 169 Atlantic
Dean & Horton (Blue), 132 Canal
TORRINGTON—§Costello, E. M. (Flagging etc.)
Crockett, C. W. (Flagging, etc.)
DeMichiel, Jno. & Bros.
Iffland, Jno. C.
WALLINGFORD—Todd, H. B. & Son Co.
WATERBURY—§Chatfield & Chatfield (Blue, etc.), 55 Benedict
*City Contracting Co., 42 Bank
Gaffney, J. F. (Blue), 69 Field
§Gaffney, J. W. & Co. (Blue), 427 E Main
Jackson, Thos., 95 James
Jackson, Thos. F. (Cut, Contractors), 318 Bank
WEST CORNWALL—*Kaolin Co.
WINSTED—Carey, Joseph F.

DELAWARE.

MIDDLETOWN—Hukill, G. E.
WILMINGTON—*Stewart & Donohue
*Tyre, Philip P., 1621 Gilpin av

DISTRICT OF COLUMBIA

WASHINGTON—Acker & Co., N Capital c E, N. W.
Bairstow, Wm., 12 Hanover pl, N. W.
*Cannon Hill Quarries, 1410 G, N. W.
*Cranford Paving Co., 15th c G, N. W.
Chapple, W. H., N. J. av c O. N. W.
Esher, Geo. C., 2d c O, N W
Flannery, M. C., Del av c B, S. W.
Geir, C. F., 807 13th, N E
Gilbert, Henry P., 1062 32d, N W
Heany, Thos., 460 Mass av, N. W.
Heidenreich, Frederick, 1501 Gales, N E
Jouvenal, Adolph H., 606 K. N E
Jouvenal, Rudolph, 437 S Capitol (Cut Contractors)
Lauder, Jno., 2054 32d, N W
Low, Robert & Co., 115 3d, S W
McAuliffe, P. F., 50 B, S W
Malanti, Antonio, c 1st & M, N E
Manning, J. F. & Co. (Cut Contractors), 14th & H, N W
O'Dea, Patrick G., 916 6th. N. E.

Phelps, R. B., 439 Del av, N. E.
*Portner Brown Stone Co., Stewart bldg
Sage, David W. (Cut Contractor), 108 4th, N. E.
§Smith, Chas. G. & Son (Foundation & Potomac Blue), 3218 K, N W
Smith, Philip, 1st c B, S. W.
Standard Stone Co., 810 F, N. W.
Veihmeyer, Jacob & Son, 1420 Ohio av, N W

GEORGIA

ATHENS—Bisson, P. & Sons (Building)
ATLANTA—Kriegshaber, V. H., 6 N Forsyth
Ramsey-Brisben Stone Co., 618 Austell bldg
Venable Bros, Temple Court
Walsh & McAlpine, 37 S. Butler
AUGUSTA—Georgia Rough & Cut Stone Co.
COLUMBUS—Elledge & Norman, 911 Broad
DALTON—Colvard, H. P.
LITHONNIA—Bishop, Wm. J.
ROME—Bale, Frank S.
SAVANNAH—Dixie Stone Co.
Opper, F. H., 654 Indian
TATE—See Marble Producers

ILLINOIS

ALTON—*Armstrong, Jno. (Limestone)
*Lockyer, E. J. (Limestone)
*Watson Henry (Limestone)
AURORA—Kapp, P. & Sons
BATAVIA—§Barker, Wm. P.
§Hunter, Griffith Co.
BLOOMINGTON—Bloomington Builders' Supply Co.
Higgins-Jung-Kleinau Co.
Moore, J. K. (Cut Stone)
Riebe, Hy
Stein, P. A. (Cut Stone)
Walsh, M.
BLUE ISLAND—Cool & Schroder
CANTON—Addis, Jos. S.
CHICAGO—Acme Bedford Stone Co., 138 Wash'n
American Crushed Stone Co., 2 Webster av
Anderson, Oscar (Cut Contractor), 5830 S Centre av
Artesian Stone & Lime Works Co. (Limestone), Grand & N Campbell avs
Baecker, Geo. (Cut Contractor), 1798 W North av
Bauman, Jacob, Dunning cor Ward
***BEDFORD QUARRIES CO. (Buff & Blue Ind. Limestone), 204 Dearborn. Quarries & Mills, Bedford, Ind. (See adv. on front cover)**
Britton & Jopling, 7416 S Chicago av
Brownell Improvement Co., Chamber of Commerce bldg
Buscher & Gast (Contractors, Cut), 3333 N Clark
Chambers, E. C. (Cut), 360 S California av
Chicago Crushed Stone Co., 108 La Salle
Chicago Cut Stone Co. (Cut Contractors), 3403 La Salle
§Chicago Union Lime Works Co. (Macadam & Crushed), 19th & S Lincoln
§Chicago & Naperville Stone Co., 184 La Salle
Clear Creek Stone Co., Monadnock blk
Cleveland Stone Co. (Ohio Blue & Buff), 204 Dearborn
Comins, Clinton, 624 W 63d
*Consolidated Stone Co. (Bedford, Indiana Stone), Monadnock blk
Dallmann & Stefan (Cut Contractors), 967 S Albany av
Diener, T. C. & Co. (Contractor, Cut), 346 to 354 W 21st
§Dolese & Shepard Co., 184 La Salle
Edgeworth, Patk. (Contractor, Cut), 2709 Stewart av
Edwards & Ward, Fullerton av bridge
Egdorf, John, 1133 Otto
§Euclid Stone Co. (Ohio Blue & Buff), 138 Wash'n
Eureka Rubbing Stone Co., Monadnock blk
Felter, G. A. & Son, 240 Flournoy
Fenn, C. E. & Co. (Wholesalers & Importers of Granite, Marble Statuary, etc.). 119 Monroe
Fluck, H. W., 73d & Kimbark av
Forde, Jno. (Cut Contractor), 138 Wash'n
Forrest, Frank (Cut Contractor), 952 W 53d
Furst, Henry & Co. (Cut Contractors), 44: 5th av
Furst Kerber Cut Stone Co., 443 5th av
Furst, Neu Co., 138 Wash'n
Gary Stone Co., 59 Clark
Gibson, Alex F. (Cut Contractor), 3327 La Salle
Gibson, Alex. F. (Cut Contractor), 3307 La Salle
Graf & Boileau, 357 Flournoy
Hagan, T. F. & Son (Contractors, Cut), 24 E. 42d
Hahn, Alois, 523 S Wood
Hampson, Lot, 3609 S Oakley av
Heldmaier, Ernest, 25th c Throop
Hepperie, Christ, 1304 W Polk
Hill, Wm. H., 132 La Salle
§Illinois Stone Co. (Dimension & Rubble), 22d & Elston av
Karge, Frank (Cut Contractors), 5829 Bishop av
Keith, Robt., 3521 Grand boul
Klingenhagen, F. M. (Contractor, Cut), 421 Flournoy
L'Anse Brownstone Co., 115 Dearborn
Larson & Schober (Contractors, Cut), Stewart av, S E c 36th
Lemont Limestone Co., 138 Washington
McHugh, Jno., 5816 Normal av
McMillan, W. & Son (Inc.) (Building & Cut Stone), 315 Chamber of Commerce
McWhirter, David (Contractor, Cut), 102 W North av
Mahan & Co., Chamber of Commerce bldg
Malone Stone Co. (Ohio Blue & Buff), 138 Washington
Marshall, Sylvester, 138 Washington
Mesce, Peter (Contractor), 35 Johnston
Montgomery, F. M., 108 La Salle
Moulding, Thos. Co. (Litholite), Chamber of Commerce bldg
Nebel & Schick (Contractors, Cut), Kedzie
Nelson, John, 5821 S May nr 22d
Neu, John (Cut Contractor), 2979 N Western av
***OHIO QUARRIES CO. (Blue & Buff, Ohio Sandstone, Sawed Stone a Specialty), 204 Dearborn. Quarries & Mills, Bedford, Ind.**
O'Laughlin, John Stone Co., 172 Washington
O'Laughlin, J. & A. C., 172 Washington
O'Meara, Wm. (Cut Contractors), 638 S Rockwell
Olson & Gustafson (Cut Contractors), 3345 La Salle
*Perry-Matthews-Buskirk Stone Co. (Bedford Indiana Stone), Monadnock blk
Pickel, A. & J. (Contractors, Cut), 274 Bloomingdale av
Pickel Cut Stone Co., 250 Bloomingdale av
*Portage Entry Quarries Co. (Lake Superior Portage Red, Brown & Variegated Sand), 138 Washington
§Portage Red Stone Co., 138 Washington
Producers Supply Co., Cham. of Com. bldg
*Quarries Operating Co., 138 Wash'n
Ramcke, John (Cut Contractor), 100 Seminary av
*Rawle, Jno. (Acme Bedford Stone), 138 Wash'n
Reid, Robert (Cut Contractor), 753 71st pl
Rielly, George, 532 N Wood
Rutishauser, Wm. & Co. (Contractors, Cut), 345 N Lincoln
Schuettner Bros. (Cut Contractors), 892 N Western av
Schutte, Hy., 329 W. Huron
Seitz, N. J., 906 N 40th ct.
Shirlaw, Hugh (Contractor, Cut), 164 La Salle
Sinclair, Jas., 138 Wash'n
Stevens Stone Co., 99 Randolph
Streit, Jno., 2879 N Ashland av
Struble, Henry & Co. (Cut Contractors), 293 40th
Sward, A. E. & Co. (Cut Contractor), 451 33d
Tait, John (Contractor, Cut), 3401 La Salle
Thomlinson-Riley Co. (Cut Contractor), W 39th & Stewart av
Walter, Hugo, 788 N Western av
Webbe, Samuel E. (Contractor), 169 Jackson boul
West Side Cut Stone Co., 700 Cornelia
Western Stone Co. (Cut Contractors), 320 Chamber of Commerce bldg
Wolf, Rudolph, 1221 Newport av
§Young Stone Co., 138 Wash'n
DECATUR—Grindal, W. H. & Son
Pasold, John J. (Cut Contractor)
EAST ST. LOUIS—§East St. Louis Stone Co. (Cut Contractors)
§Stolle, Casper Quarry & Construction Co.
ELGIN—Magnus & Russell (Cut Stone)
§South Elgin Stone Co.
ELMHURST—Elmhurst-Chicago Stone Co.
FAIRMOUNT—Casparis Stone Co.
FREEPORT—Ascher, William
†Grant, Mrs. Jennie
*Rocky, Thomas A.
GALESBURG—Craig & Harris (Cut Contractor), 132 E Simmons
Davis, S. B. (Cut Contractor), 150 W Main
King, Alex & Co. (Cut Contractor)
GRAFTON—§Grafton Quarry Co. (Sandstone)
GRIGGSVILLE—Borrowman, David
HIGHLAND—Feutz, Edward
JOLIET—*Bruce, James
Bruce & McGowan
*Douglas, Wm.
Groth, Adam (Contractor)
Joliet Flux Co.
*Joliet Pioneer Stone Co.
*Joliet Quarries Co.
§Keltie Stone Co.
*Krakor, M. & Sons
*Merchants Stone Co.
*Murphy, D. & F.
*Porter, E. & Sons Stone Co.
*Ross & Curtis Stone Co.
*Werner, Charles
§Western Stone Co.
KANKAKEE—§Brayton & Kerr
§Kankakee Stone & Lime Co.
KINSMAN—Harty, Timothy (Dealer)
LA GRANGE—Bales, L. & Son (Contractor)
LA SALLE—La Salle Stone Co.
LEMONT—§Illinois Stone Co. (Dimension & Rubble)
§Western Stone Co. (Limestone)
LENA—Perkins, H. F. (Cut Contractor)
LINCOLN—Lincoln Monument Co.
LOCKPORT—§Western Stone Co. (Limestone)
LYONS—†Schultz, Fred.
MALTA—Haisch, C. W.
MATTOON—Clark, S. M. (Building Stone, Curbing, etc.)
Donnell, Thomas & Son (Building Stone, Curbing, etc.)
MENDOTA—Barth & Baumgarten (Dealers)
MOLINE—Ede, Gus & Son
§Moline Stone Co. (Building & Crushed)
Wood, Beder (Dealer)
NAPERVILLE—*Dolese & Shepard Co.
OAK PARK—Boyer, J. B. & Co. (Cut Stone)
PEKIN—Zinger, L. (Marble Cutters & Dealers)
PEORIA—§Central City Stone Co. (Sawed & Cut), 214 Bridge
*Crescent Stone Co. (Crushed, etc.), Y. M. C. A. bldg
Peoria Stone & Marble Works (Contractors, Cut), 1800 N Adams
Wasson, T. J. (Crushed), 403 S Washington
QUINCY—Campbell Bros. (Dealers), 920 Hampshire
§Menke, F. W. Stone & Lime Co. (Limestone)
Zengle Bros.
ROCKFORD—Best, W. G.
Hart & Page (Building, Bridge & Rubble)
McMahon Bros.
Winchester, Thos.
ROCK ISLAND—Burrall, Arthur
*Davis, T. B. (Limestone Crushed Rubble)
ROCK PORT—§Hughes & Shutts Co.
SPRINGFIELD—Baum's Steam Marble, Granite & Stone Works
Culver Construction Co. (Cut Stone)
Springfield Monument Co. (Cut Stone)
URBANA—Clark, C. N. & Co.
VIRGINIA—Martin, A. L. (Cut Contractor)
WAUKEGAN—Bairstow, Fred. (Dealer)

When writing to firms whose names appear in this book please mention HENDRICKS' DIRECTORY.

INDIANA.

ANDERSON—Bickham, F. M.
BEDFORD—*Bedford Buff Stone Co.
Bedford Cut Stone Co.
& Blue Indiana Limestone), branch offices, 949 B'way, N. Y.; 204 Dearborn, Chicago, Ill., & 190 Euclid av, Cleveland, O. (See adv. on front cover)
*BEDFORD QUARRIES CO. (Buff & Blue Indiana Limestone), Branch Offices: 204 Dearborn, Chicago, Ill.; 949 B'way, New York, & 190 Euclid av, Cleveland, O. (See adv. in front cover)
§Bedford Steam Stone Works (Saw Mills, Columns, etc.)
Bradley, Wm. & Sons
§Brooks-Curtis Stone Co.
*Climax Stone Co. (Saw Mills)
Consolidated Stone Co. (Bedford Indiana Stone)
§Doyle, Geo. & Co.
§Empire Stone Co.
Furst, Kerber Cut Stone Co.
*Indiana Bedford Stone Co.
Norton, C. S. Blue Stone Co.
Norton-Reed Stone Co.
*OHIO QUARRIES CO. (Buff & Blue Ohio Sandstone), Branch Offices: 204 Dearborn, Chicago, Ill.; 949 B'way, New York, & 190 Euclid av, Cleveland, O.
*Oolite Stone Co.
*Perry-Matthews-Buskirk Stone Co. (Bedford Indiana Stone)
Rowe, John A. (Cut Contractors)
*Thornton, H. L. (Blue & Buff)
BLOOMINGTON—Carpenter, R. H.
§Central Oolite Stone Co. (Bluff & Blue Limestone)
§Chicago & Bloomington Stone Co.
§Consolidated Stone Co.
Crescent Stone Co.
Diamond Stone Co.
*Eagle Stone Co. (Ltd.)
Empire Stone Co.
Hunter Bros. Stone Co.
§Hunter Valley Stone Co.
Monarch Stone Co. of Indiana
Monroe County Oolitic Stone Co.
§National Stone Co. (Buff & Blue Limestone)
Perry Bros. Stone Co.
South Side Stone Co.
Springer & White (Brokers)
Star Stone Co.
*United States Oolitic Quarries Co.
BRADFORD—Baker, Louis
BRAZIL—Brazil Stone Co.
Murray, Charles W.
BROOKSVILLE—Cook & Siebert
CANNELTON—*Pauline, F. S. & Co.
COLUMBUS—McCormick, P. H. & Co.
CORYDON—§Corydon Stone Co.
COVINGTON—Lemp, A.
DECATUR—Hughes, Cress & Beaers
EATON—*Eaton Stone Quarry & Oil Co.
ELLETTSVILLE—§Matthews Bros. (Limestone)
ELLWOOD—Diegel, S. H. (Cutter, Flagging, etc.)
EVANSVILLE—Caden Stone Co., 411 E Ohio
*Eichel Lime & Stone Co. (Crushed Macadam, etc.)
Indiana Marble & Granite Works (Cut Contractors), 628 E Penna.
Lannert & Rickwood (Cut Contractors), c Penna & Oakley
Scholz, F. J. & Son, 11 L 3d
FARMLAND—*Botkin, E. T. Co.
FORT WAYNE—Geake, W. (Cut Contractors), 89 Pearl
Keller & Braun (Cut Contractors), 88 Pearl
§Moellering's, Wm. Sons, 53 Murray
FRANKFORT—*Morris, W. G. & Co.
Paul, T. W.
GOSHEN—Slaughter Granite Co.
Neidig, Drake & Kolb
GREENSBURG—§Greensburg Limestone Co.
INDIANAPOLIS—*Adams, H. C., Majestic bldg
Billingsley Stone Co., 1405 Bates
*Duncan, Sam'l E., When bldg
§Flat Rock Stone Quarries, Majestic bldg
Ittenbach, G. & Co. (Cut Contractors), 916 Harrison
Klinck & Matthews (Cut Contractors), Ky. av & White River
†Romona Ooltic Stone Co., Ingalls blk
KNIGHTSTOWN—§Watts, Henry (Freestone)
LAFAYETTE—Heide, Jacob & Son (Cut Contractors)
LAPORTE—Franklin, B. A. (Cut Contractors)
LAUREL—Laurel Steam Stone Co.
MARION—Buchanan & Son
*Marion Stone Co.
Ruff, Jno.
§Willcuts, W. D. (Building)
MUNCIE—Busch, Russell & Geltz (Cut Contractors)
NEW ALBANY—Crumbo, Edw. (Cut Contractors)
NEW POINT—§Big Four Stone Co., Builders' Ex.
*Puttmann, Jno. J. (Limestone)
NORTH VERNON—Hicks, Eldo & Co.
RICHMOND—McLaughlin, Marion
ROCKVILLE—Gaebler, T. F.
ROMONA—§Romona Oolitic Stone Co.
ST. PAUL—Floyd & Co.
*St. Paul Stone Quarries Co.
SOUTH BEND—Defress, C. H.
Goodall, Jas. E.
Miller & Lontz
STINESVILLE—§Headley, J. & Son
§Indiana Oolitic Limestone Co.
§Stinesville & Bloomington Stone Co. (Limestone)
SULLIVAN—*Spencer Stone Co.
TERRE HAUTE—Roberts, Richard B. (Cut Contractors)
§Terre Haute Stone Co. (Cut Contractors & Flagging)
Walsh, E. W.
VICTOR—*Oliver Bros.
VINCENNES—Moore, Wm. H.
WABASH — §BRIDGES, THOMAS & SONS (Bldg)
WESTPORT—Hollensbe Stone Co.
Magee, A. A.
Sand Creek Limestone Co.

IOWA

BURLINGTON—Burrus, O. M.
Kemper, E. G.
Sangarson, J. W.
CEDAR RAPIDS—Bealer, E. J. (Dimension & Building)
Edinger, Edw. (Cut Stone)
Gould Granite Co.
*Iowa Stone Co.
CLINTON—McDonnell, D. P. J. (Cut Contracing Stone)
DAVENPORT—Bremer, Hy.
Davenport Stone Co.
Heald, Levi S.
*McCarthy Stone Co.
DES MOINES—§Francis, J. & Co. (Cut Contractors), E 4th, c Grand
Lewis, J. A. (Asestine), 118 8th
Robertson, S. A., Rollins blk
§Rowat, John (Cut Contractors), 2 c Vine
DUBUQUE—Doran Bros & Co.
Miller, J. B.
Schulte, B. & Son (Cut Contractors)
Wagner & Dorgan (Cut Contractors)
FARLEY—*Arquitt, B. N. & Sons
FORT DODGE—Delano & Son
FORT MADISON—§Fort Madison & Appanoosa Stone Co.
GILMORE—Johnson & Freeburg
INDIANOLA—Harlan, J. M.
Lundy, Jas. W.
IOWA FALLS—*Biggs, V. A.
KEOKUK—§Cameron & McManus
McNamara, Jas. & Sons
LE MARS—Moore, M. A. & Co.
Perry, W. H.
MARSHALLTOWN—§Le Grand Quarry Co. (Cain, Oolite & Lime)
McNeeley Bros.
Woods & Sherlock
MASON CITY—Dayton, C. G.
*Mason City Quarry Co.
*Mason City Stone Co. (Bridges, Rangje, Ruble, etc.)
MOUNT VERNON—§Mount Vernon Stone Co.
NEW HAMPTON—Robinson, M. J. (Cut Contractor)
STONE CITY—Dearborn, H. & Sons
§Erickson, F. & Co.
§Green, Jno. A.
§Ronen, Jno. (Dimension, etc.)
WATERLOO—Concrete Stone Co.
§Waterloo Stone Co.

KANSAS

FORT SCOTT—Gilfilan & Drake Flagstone Co.
GODDARD—Pond, N. M. & Co. (Sandstone)
JUNCTION CITY—De Armond & Root
KANSAS CITY—James, A. R. & Son, 349 Minn. av
M'PHERSON—Moon, J. (Flagging)
NEODESHA—*Dooley, H.
NEWTON—Lynch, R. B.
McGraw, M. & Co.
OBERLIN—Jackson, Geo. (Flagging)
PARSONS—Van Meter, J. F. (Cut Contractor)
STERLING—Fair, D. J.

KENTUCKY.

BOWLING GREEN—*Bedford-Bowling Green Stone Co. (Oolitic Limestone)
Smallhouse, Edward
COVINGTON—Farrell, James (Cut Contractor), 3d b Phila. & Bakewell
Imeson, J. W. (Cut Contractors), 14th & Spring
Kenton Steam Stone Mill, 14th & Spring
*Schlosser, Frank, Highland pike
DAYTON—§Trapp, John (Building & Crushed)
FARMERS—*Rowan County Freestone Co. (Rough, Bridge, Dimensions, etc.)
GLASGOW—Dearing, D. M.
HADLEY—*Caden Stone Co. (Oolitic)
HENDERSON—Feltner, T. F.
§Fleming, J. H. & Son (Cut Contractors)
HOPKINSVILLE—Dalton, H. M. Stone Co.
LANGFORD—*Kentucky Freestone Co.
LEBANON—Corcoran, Frank
LEXINGTON—Lexington Monument Co.
Van Dyke, S. R. (Cut Contractor)
LOUISVILLE—§Blatz & Krebs Stone Co. (Cut Stone Contractors), 1318 W Walnut
*Cornwell, Chas. L., Columbia bldg
Diebold, John & Sons (Steam Stone Works & Contractors), 1417 16th
*Henderson, Wm. Quarry nr Miller
*Kremer & Co., Long Cliffe av W of Stilz
*Lou Rock Co., 455 W Jefferson av
*Mehler, C. V., Long Cliffe av
Peter & Burghard Stone Co. (Cut Contractors), 13th cor Maple
Peter & Melcher Steam Stone Works, 1239 E B'way
*Schenk, C. F., Long Cliffe av
§Stengel, Urban & Son, Long Cliffe av
Wallace, Dennis, 2017 Paine
*White Stone Co., Columbia bldg
Zabel, F. & Sons, s s Long Cliffe av
MENTON—*Faulkner, R. T. & Co.
MT. VERNON—*Sparks & Williams (Limestone)
NEWPORT—Borches Sand & Stone Co.
Brown, Thos. C.
Imeson, Frank (Cut Contractor), c Taylor & Saratoga
*Ohio River Stone Co., 7th & Monmouth
OWENSBORO—Mischel & Barkhaus
PADUCAH—Carver & Porteous
Downs, J. S. & Co.
Paducah Marble Works
Williamson & Co. (Cut Contractors)
SHELBYVILLE—Claxon, J. C.
Lueke, Frank (Cutter)

LOUISIANA.

NEW ORLEANS—Jahncke, F. (Dealer), 810 Howard
Tranchina, Dominick, 1104 6th
SHREVEPORT—Hilliard Bros. (Cut Contractors)
Newman, Arthur (Cut Contractors)

MAINE.

BELFAST—§Harrison, Wood & Co.
Hutchins Bros.
Wood, M. & Son
BIDDEFORD—See Granite Producers, Workers & Dealers
HOULTON—§Billings & Watt
JONESBORO—See Granite Producers, Workers & Dealers
MECHANIC FALLS—Decker, H. S.
PORTLAND—Hawkes Bros., ft of Wilmot
Landers Bros., 7 Myrtle
Leighton, Geo. W. Co.
McAuley, Geo., 37 Madison
Mannix Bros.
Thompson, Enoch M., 327 Cumb av
Union Granite Co., ft. Wilmot

MARYLAND.

BALTIMORE—§Atkinson, James H. (Curb, Building, Flag, etc.), 14 North
§Berry & Tracey (Freestone, North River Blue, etc.), 320 W Hamburg
§Campbell, H. T. (Quarry), 2026 Federal
Clough & Molloy, 1119 Ensor
§Curley, Jno. T., 1136 Cathedral
Filbert Paving & Construction Co., 1210 Block
§Gault, Wm. A. & Son (Cut, Contractors), 8 E Lexington

§Gwynn's Falls Quarries, Gwynn's Falls & W Balto. ext.
§Hook uarry Co., 216 N Liberty
§Leonard, Daniel A. (Flagging, Building, Paving & Crushed), Builders' Ex.
Peat, Wm. & Co. (Cut Contractors), Madison & Forrest
§Peddicord, I. H. & Sons Quarry & Transfer Co., 12 North
§Pope, B. F., 508 Law bldg
Rullman, Henry D. (Contractor), Mt. Royal av & Charles
§Schwind Quarry Co., 302 Fidelity bldg
§Seneca Stone Co. (Potomac Red Sandstone), Central Sav. Bk. bldg
§Standard Lime & Stone Co. (Lime), Equitable bldg
§Thorne, Walter, 165 Hillen rd
§Weber, Albert (Dealer), Builders' Ex.
Willis & Mason, 203 St. Paul
BLACK ROCK—*Dunbar-Roe Mining Co.
CAVETOWN—*Zouck, P. G. & Co.
DICKERSONS—*Millard, H. M. (Cut Contractor)
§Standard Lime & Stone Co.
FROSTBURG—Williams, J. B. Co.
HAGERSTOWN—Jackson & Shuford

MASSACHUSETTS.

ADAMS—Adams Marble Co. (Quarry)
ATHOL—Blake Granite Co.
Wellman, L. W.
BEVERLY—Fitzgibbon, Thos., 42 Abbott
BOSTON—Barnes Ruffin Co., 218 Tremont
Bishop, J. W. Co. (Cut Limestone Contractors), 683 Atlantic av
Campbell, P. J. & Sons (Freestone), Southhampton c Reading
Carew, Jos. F., 166 Devonshire
§Charles River Stone Co. (Cut, Contractors), 73 Tremont
Cleveland Stone Co., 166 Devonshire
Conant, Chas. M., 45 Milk
Consolidated Stone Co. (Bedford, Ind., etc.), 166 Devonshire
Coughlan, F. G. & Sons (Cut, Contractors), Albany c Malden
Cuddihy, Jno. J. Stone Co. (Ohio Blue & Flagging), 562 Albany
Cuddihy, M. H. & Sons, 1014 Mass. av
§Cutting, Geo. H. & Co., Tremont bldg
Dunn, Terence & Co., Farnham nr Reading
Ford, Austin & Son, 51 Main
Hernon, Peter F. & Co., 1150 Dorchester av
James & Marra, 166 Devonshire
Lahey Bros. (Cut, Contractors), 9 Cornhill
McDonald, Alex & Son, 1 Beacon
McKay, J. J., 21 Province
Maher Bros. (Blue Flagging), 603 Albany
§Mass. Broken Stone Co. (Broken etc.), 235 Franklin
Meany, Edw. F. & Co. (Freestone & Limestone), 534 Albany
Nilne & Chalmers, 106 Summer
§Norcross Bros. Co., 73 Tremont
Sullivan, Wm. J. (Freestone), (Cut Contractor), 99 Southampton
Tide Water Trap Rock Co., 53 Tremont
Troy Bros. & Co. (Soapstone), 91 Haverhill
BROCKTON—Long, Michael D.
Messer Bros.
CAMBRIDGE—Bertsch, Wm. A., 4 Cambridge, E C
Connecticut Steam Stone Co. (Cut, Contractors), 64 First
Ford, Austin & Son (Flagging), 59 Main
Harrington, Jno., 52 1st, E C
Horgan. J. J., 87 Main Cp.
McDonald, A. & Son (Flagging), 53 Mt. Auburn av
Ricker, E. Son & Co.
Sands, Geo. R., 457 Mt. Auburn
Scully, Jno. T.
Sergi Saml. (Freestone), 84 Charles
Sweatt & Gould
Wight, Alex, 253 Mt. Auburn
CLINTON—Gibson, Geo. S.
§Poole Marble & Granite Co.
EAST LONGMEADOW—§James & Marra (Light Brown Sandstone)
Longmeadow Quarries Co.
§Norcross Brownstone Co.
*Rankin, Jas. H.
FALL RIVER—*Beattie, Wm., 33 N Quarry
Benoit, W. T., 538 Alden
Burns, Lawrence, Cemetery Highland av
Draper, Jas. E., 302 New Boston rd
*Dudevoir & Savoie, Quarry c Oak Grove av
Kessell, T. R., 746 Prospect
*Wilmot, J. B. (Flagging, etc.), 866 Pleasant
FITCHBURG—§Litchfield, O. E.
§McCuliffe, F. A.
McCauliff, Jno.
O'Connor, Danl.
FRAMINGHAM—Cloyes, Jos. C.
GLOUCESTER—Kennedy, Patk
HAVERHILL—§Cummings, Frank, 51 Main
Haverhill Marble & Granite Works
HOLYOKE—Lahey, Thos.
McCormack, David (Cut Contractor)
HYANNIS—Nickerson, T. W.
LAWRENCE—Dorman, Jas.
§Lahey & O'Donnell, 435 Haverhill
Locke & Jones
Provost, Geo.
LENOX—§Clifford's, James Sons (Freestone)
LONG MEADOW—See East Long Meadow
LOWELL—Bowden & Colmer, 901 Lawrence
Carlson, Gus, 1320 Gorham
Fletcher, H. E. & Co., Bldrs. Ex.
§Gumb Bros. (Blue), 1258 Gorham
Gumb, L. D. (Bluestone), 28 Moore
Jones, Edw., 13 Saratoga,
Wheeler, Chas., 51 Thorndike
LYNN—Ames, G. F. & Co., 394 B'way
§Blethen, Curry & Co. (Brown & Blue), 1 Box pl
Curry, E. M. & Co., 136 Boston
Kavanagh Granite Co., 160 Boston
Merrill, Geo. B. & Co., 132 Boston
Oxford Granite & Construction Co., 25 Exchange
§Shea & Donnelly (Cut Contractors), 28 Harbor
LYNFIELD—Newhall, Fred
MALDEN—Weathers, Jos.
Wentworth, Geo. A. (Dealer), 23 Franklin
MIDDLEBORO—Richards, Geo. C.
Surrey, David S.
MILFORD—Kinney, A. C.
*Milford Quarry Co.
*Norcross Bros. Co.
Ross, Peter & Co.
NEW BEDFORD—Foley, Jno., Court
Jenney & Bluffington
McCue, Jno., Smith
Sullivan, Jno. B. & Son, Hathaway rd
NEWBURYPORT—Canning, D. (Cut Contractor)
Littlefield, J. & Son (Cut Contractors)
NORTH ADAMS—Meaney & Walsh
§Whitney Bros., 37 Prospect
PEABODY—§Davis & Joy
§Linehan, Jas. C.
§Newball, Albert L.
PITTSFIELD—Clark & Bagg
Kirk & Matthews
Temple Bros.
QUINCY—See Granite Producers & Workers
SALEM—Butler, J. S.
Curtis, Chas. E. & Son
Frankland Marble & Granite Works
O'Rourke Bros.
SPRINGFIELD—Casey & Buckley, 162 Main
Cook, Wm. F., 184 State
§Falt, J. P. & Co. (Red Sandstone), Armory st
§James & Marra (Light Brown Sandstone), 227 Main
McGregory & Casman, 531 Main
Muir, Jas. (Light Brown Sandstone), Bay st. av
Short, Chas. J., 40 Dwight
§Stone, A. D. & Co. (Light Brown Sandstone), 233 Liberty
TAUNTON—Sullivan, John B.
WALTHAM—Hassett, Wm. F.
Waltham Trap Rock Co.
WEBSTER—§Love Bros. (Cut Contractors)
WESTFIELD—Westfield Granite & Marble Co.
§Westfield Marble & Sandstone Co.
WHITINSVILLE—Blanchard, G. M. (Cantractor)
WORCESTER—*Ballard Granite Quarries, 340 Main
Bishop, J. W. Co. (Cut Limestone Contractors), 107 Foster
Brosnan, T., 38 Water
Cutting, Geo. H. Granite Co. (Cutters & Contractors), 11 Foster
Loughlin & Crowley, 35 Crescent
§Norcross Brown Stone Co. (Quarrymen & General Contractors in Granite, Stone & Marble). (Large Building Work a Specialty, 10 East Worcester
Troy White Granite Co., 71 Shrewsbury
§Webb Granite & Construction Co. (Cut Contractors), 40 Crescent
Wilson, Martin (Brownstone), 25 Prescott

MICHIGAN.

ALPENA—§Fox, Owen (Limestone)
BATTLE CREEK—American Stone & Construction Co.
Battle Creek Marble & Granite Co.
Smeaton, Jas. (Cut Contractor)
Tait, John (Cut Contractor)
BAY CITY—Bate, A. & Son (Cut Contractors)
§Bay City Stone Co. (Cut Contractors), 8th c Water
§Valley Stone Co., 1st & Water
BAY PORT—*Wallace Stone & Lime Co.
CALUMET—§Traverse Bay Red Stone Co. (Portage Sandstone, Blocks or Sawed)
CHEBOYGAN—Pennell Bros.
DETROIT—Adams, E. T. (Ohio & Indiana Building Stone), Hodges bldg
Batchelder, Wasmund & Co. (Cut Contractors), 70 Atwater, E
Beebe, H. A. & Co., 1116 Wabash av
Cartwright Bros. (Stone Yard), 418 Guoin
Christa, Philip & Son (Steam Stone Works), 506 Lafayette av
§Cleveland Silex Stone Co. (Silex Stone Walks), Hammond bldg
§Detroit Brown Stone Co. (Brown Sandstone),
Gearing Bros. Co. (Cut Contractors), 15th & Bay City M C R R
Griffin, M. J. (Building), 104 Lafferty pl
§Houghten, H. (Limestone), Hammond bldg
Hutzel, Jno. G., Amsterdam & 3d aves.
Koerber, Jos. J., 68 Hale
Little, C. H. Co. (Building, Crushed), 36 Fort
Meier, Felix, 1011 Believue av
Meier, H. A. (Cut Contractor), M C Belt Line nr Kerchaval
§Michigan Stone & Supply Co. (Crushed, Bridge, Flagging, Building, Cut & Saw Mills), c Holden av & M. C. R. R.
Ortmann & Co. (Cut Contractors & Saw Mills), 1099 Wabash av
§Osborn, G. C., Cham of Commerce
Piggins, Wm. S., c Leland & Dequindre
Read & Heard, 623 Lincoln av
Robertson, R. & Co. (Cut Contractors), Hastings & Piquette av
§Sibley, F. B. (Building, Lime, Flux & Pier), 340 Atwater
Smith, John E. (Cut Contractor), c Forest av, & Dequindre
Stefani, Angelo, Greenwood av c G T Ry Crossing
White, Jno., 740 8th
DOWAGIAC—Edwards, Thos. J. (Cut Contractor)
FLINT—Barney, M. C.
GRAND RAPIDS—Hirth, A. & Sons (Cut Contractors), E End, G. R. & I. R. R. Bridge
Schmidt, Chas. & Bro. (Cut Contractors), 93 Canal
GREENVILLE—Wilson, J. L.
GRINDSTONE CITY—§Cleveland Stone Co.
HOLLAND—*Waveley Stone Co.
HOUGHTON—*Jacobs Portage & Redstone Co.
*Superior Red Sandstone Co.
IONIA—Anderson, H. I.
JACKSON—*Iona Stone Co.
Pickles, Samuel (Cut Contractor), 203 S Water
KALAMAZOO—Hunn, E. T.
Kingsbury, Wm. A.
Winslow & Crooks (Cut Contractors)
L'ANSE—*L'Anse Brownstone Co.
LOWELL—Hamilton, Joseph
LUDINGTON—Caswell, H. B. & Son
MANISTEE—Forth, W. J.
Newcombe, R. J. B.
MARQUETTE—**Portage Entry Quarries Co.
MENOMINEE—Nowack, F. C. (Dealer)
MONROE—Monroe Stone Co. (Crushed)
MUSKEGON—Bauer & Beamer
Kanitz, L. H.
PETOSKEY—Petoskey Stone & Lime Co.
PLAINWELL—Wilson & Mann
PORT HURON—Truesdell Marble & Granite Co.
SAGINAW—Hobson & Son (Cut Contractors), 501 N Tilden
Mohr, Fred. D. (Cut Contractors), 1731 Genesee
ST. JOSEPH—Marshall, Jas.
Stock, M. W.
TRAVERSE CITY—Rickard, A. W.
TRENTON—Mans, N. A.
WEST BAY CITY—Bay Co. Rock Faced Stone & Tile Co.
Gregory, W.

MINNESOTA.

ADRIAN—Shull, J. & W. C.
DULUTH—§Duluth Brown Stone Co. (Brown)
Duluth Cut Stone Co. (Cut Contractors)
Duluth Monumental Works
*Portage Entry Quarries Co.
*Portage Red Sandstone Co.
Thompson & Dunlop
FERGUS FALLS—Partridge, Richard
JASPER—*Rowe Bros.
KASOTA—*Babcock, C. W. & Co. (Rough, Sawed, Planed & Cut)
§Breen Stone Co. (Limestone)
Gripp, A. H.

MANKATO—§Fowler, Frank (Limestone)
*Jefferson, Adam
Macbeth, Chas. J.
*Mankato Lime & Stone Co. (Limestone)
Mankato Stone Co.
Meyer, A. J.
*Widell & Co. (Bridge Building)
MANTORVILLE—Mantorville Stone Co. (Bridge & Heavy Dimension)
MINNEAPOLIS—*Anderson, A. P., University av, bet 2d & 3d aves, N. E.
*Anderson, G. A., 2413 23d av, S
*Anderson, Peter, 12th av & 4th
*Blue Limestone Co., 1259 Central av
§City Quarry, Lyndale av c 40th av, N.
§Cook Stone Co., 311 3d av
Hastings Cut Stone Co. (Cut Contractors), Main c 6th av, S E
*Herbert, Michael, 1419 N E 3d av, S
§Kettle River Quarries Co. (Building, Bridge, Paving, etc.), Oneida blk
*Langdon Stone Co. (Building & Dimension), 1045 10th av, S
*Nelson, Jno. (Dimension & Footing Stone), 2106 Elliot av
Schlink, H. G., 1008 E 22d
*Somers, J. B., 1126 N E 4th
Trainer Bros. (Cut Contractors), Boston blk
*Traverse Bay Red Stone Co., Kanosta blk
*Twin City Stone Quarry, nr Lake & Marshall av Bridge
*Wunder, John, Polk, bet Summer & B'way
RED WING—Danielson, A. (Contractor)
ST. CLOUD—*Breen Stone Co. (See St. Paul)
*Brooks Quarry Co.
*Graham, Robert
*Holes Bros.
*Johnson & Borwick
Jones Bros.
*Noren, L. E. & Son
*St. Cloud Granite Works
*Simmers & Campbell
ST. PAUL—§Bayfield Brownstone Co., Drake blk
§Breen Stone Co. (St. Cloud & Kasota Dressed & Undressed), Germania Life bldg
§Butler Bros. (Blue, Lime & Heavy Maconry), N. Y. Life bldg
Drake Co., 3 51Drake blk
Eureka Stone Co., 709 Wabash
*Haebe, Jacob, Goff av & Robie
*Jagger, Mrs. Jane, 620 Cherry
*Larson & Fleming, ft Purnell av
Lauer Bros. (Contractors), ft of Chestnut
§Lauer, Jacob (Cut Contractors), Stewart av n Victoria
§Molin & Woldt, St. Clair & Webster
Newman & Hoy (Contractors), Chamber of Commerce
Northwestern Stone Co., 186 W University
*Rau, Geo., Gorman av c Robert av
St. Paul Stone Co., 532 Wabash
*Schofield & Duncanson, George & Robert
Steinmetz, Jno., Oneida nr St. Clair
*Sunstrom, Jno., Goff av & George
*Ulmer & Hoy, Douglas nr Sturgis
Vollmer, R. M., 99 E George
Young, Jas. A. & Sons (Cut Contractors), ft of Chestnut
SANDSTONE—§Kettle River Quarries Co. (Building, Bridge, Paving, etc.)
WINONA—*Blesanz Stone Co. (Cut & Rough)
Steinbauer Stone Co. (Cut Contractors)
§Willis, H. J. (Limestone)

MISSISSIPPI.

CORINTH—Brooks, H. S.
VICKSBURG—Henderson, F. M. (Cut Contractor)

MISSOURI.

BETHANY—Kenyon, J. W.
BROOKFIELD—Kent & Lenton
BUTLER—*Day, T. J.
CARTHAGE—Carthage Building Stone Co.
§Carthage Consolidated Quarry Co.
§Carthage Marble & White Lime Co. (Limestone & Saw Mill)
§Carthage Quarry Co. (Limestone & Saw Mill)
§Carthage Stone Co. (Limestone & Saw Mill)
Long, F. B.
*Myers Stone Ct.
§Spring River Stone Co.
Vierinow-Meysenberg Quarry & Cut Stone Co.
COLUMBIA—Farley, E.
DE SOTO—De Soto Marble Works
Herman, Otto (Cut)
DE WITT—*Carroll County Stone Co.
FARMINGTON—Spaugh, E. L.
FULTON—Dunkleburg, E.
GLASGOW—Foster, Geo. W.
Lutz, I. B. & J. P.
HANNIBAL—Empire Lime Co.
§Hannibal Lime Co. (White Limestone)
JEFFERSON CITY—§Kolkmeyer, W. H. & Co.
Vetter, Frank J. (Dimension, eac.)
Zuber, Victor
JOPLIN—*Myers Stone Co. (Building & Cut Stone)
KANSAS CITY—Banders Flag Stone Co. (Flag & Curb), 1922 Campbell
Bremer Cut Stone Co., 23d & Central
Carthage Stone Yard, Harrison & 20th
Dorman, E. H., 1529 Olive
Forester Bros. Stone Co., B'way & 24th
Halcro, John (Heavy Masonry), 4601 Summit
Ingram Stone Co., 2216 Holmes
Kansas City Litholite Stone Co., American Bank bldg
Lyle, J. C., 2586 Grand av
O'Connor, Thos. & Co., 1332 Grand av
Phoenix Cut Stone Co., 617 Mass. bldg
*Samuel & Holmes Construction Co., Kemper bldg
Snell, Jno., 27th & Woodland
Sutermeister, Arnold (Cut Contractor), 21st c Main
Sutherland Stone Co., Vine bet 26th & 27th
LIBERTY—Eastern Granite & Marble Co.
LOUISIANA—§Crystal Carbonite Lime Co. (Rip ray, etc.)
MADGE—*Madge Stone Co.
ST. JOSEPH—Abercrombie Stone Co., 4th & Angelique
*Dunn, H. W., 418 N 20th
*Helsley, J. S., 2622 Folsom
Maier, Sebastian, 11th & Garfield av
Pfeiffer Stone Co. (Cut Contractor), 4th & Locust
*Roth, Fred., St. Joseph av & B'way
Schall, Chas, 1405 Frederick av
*Silverdale Stone Co., 624 S 4th
ST. LOUIS—*Algonite Stone Co., 625 S 23d
§Allen, John W., 4824 S B'way
§Atlantic Quarry & Cons. Co., 319 N 4th
Bambrick-Bates Construction Co., Grand av & Forest Park bould.
*Bickel, Conrad, 3540 La Salle
Bowenkamp, August H. (Cut Contractor), 1535 N B'way
§Brookschmidt, Herman H., 6440 Dale av
Bruce, Geo. F. (Cut Contractor), 2221 Rutger
§Carthage Consolidated Quarry Co., 3535 Gratiot
§Carthage Marble & White Lime Co. (General Dealers), Wainwright bldg
Carthage Stone Co. (Cut Contractors) c. Theresa av & Gratiot
*Cavanagh, T. E., Alsace & Marcus av
Engelhardt, Fredk. (Cut Contractor), c. Sidney & Ohio av
§Eyermann, G., Jr., & Bro., Hickory & Grand av
§Fruin-Bambrick Construction Co., 721 Olive
*Goetz, Wm., Tamm av nr Arsenal
§Grafton Quarry Co. (Sandstone), Carleton bldg
§Gruetzemacher, Henry F. & Co. (Cut Contractors), Wainwright bldg
Haller Bros., 4733 S B'way
§Heman Construction Co., 108 N 8th
§Hill-O'Meara Const. Co. (Limestone), Wainwright bldg
§Hogan, Michael A.., 3028 Bell av
Humboldt Stone & Lime Co., Blair av & Mullanphy
Knauss, Jos., 4752 S B'way
Krug, C. J., 5005 Minn. av
Lenz, Philip H. (Cut Contractor), c Jefferson & Ann av
Lohrum, J. A. & J. C., 4000 S Main
Louisiana Mo. White Limestone Co., 211 N 7th
Missouri Cut Stone Co. (Cut Contractors), 3500 Rutger
§Mound City Construction Co., Lincoln Trust bldg
§Perkinson Bros., Construction Co., 4443 N B'way
*Phenix Quarries Co., Chemical bldg
Pickel, Geo. & Sons (Cut Contractors), 2015 Gratiot
Pickel Stone Co. (Sawing & Cutting), 1320 Old Manchester rd
Reith, Jos., c 12th & Barton
Reitz & Bro., Clayton av & Newstead av
Ruecking, H. & Co., Marine av nr Gasconade
St. Louis Cut Stone Co. (Sawing & Cutting), 3537 Gratiot
§St. Louis Stone Masons' Quarry & Building Ass'n, c Theresa & Hickory
Skrainka Construction Co. (Limestone), 319 N 4th
Stifel & Ruckert (Limestone), 2324 Kosciusko
Taylor, Thos. & Son (Cut Contractors)
§Thompson & Gray Quarry Co. (Rubble, Dimensions, Sawed & Bridge), 202 Wainwright bldg
Thornton & Bush (Blue & Buff Oolitic), 211 N 7th
Thym Cut Stone Co. (Cut Stone), c Dolman & Park av
Viernow-Meysenburg Quarry & Cut Stone Co.,
Voss & Korte, Hebert c 25th 810 Olive
Wall, Richard B., 2844 Belt av
Widdicombe, E. H. (Cut Contractor), 816 Olive
WARRENSBURG—*Bruce, Lawrence (Blue Sandstone)
Farley Bros.

MONTANA.

BILLINGS—Mooney, A. S. & Co.
BUTTE—Butte Marble & Granite Co.
Prescott, A. K.
Walker, Theo. M.
Winters, Parsons & Boomer
GREAT FALLS—Roberts, Wm.
HELENA—Prescott, A. K. (Cut Contractors)
Smith, O. F.

NEBRASKA.

AUBURN—Neidhart, Chas.
BEATRICE—Beatrice Marble Works
CEDAR CREEK—Atwood, S. H. & Co.
GRAND ISLAND—Paine, I. T. & Co.
Scheffel, Wm.
LINCOLN—Barwick, J. S.
Bush, P. H. & Co.
Johnson Stone Co.
Forburger & Speidell (Cut Contractors), c 11th & W
Lincoln Marble & Granite Works
Sidney Stone Co.
Trestler Lumber & Coal Co. (Dealers)
Young, R. S. Building Supply Co. (Dealers)
OMAHA—Bloom, J. T. & Co., 1815 Farnam
§Murphy, Hugh (Red Sand), Bee bldg
Nebraska Stone Co., 501 Jones
Schall, A. & Co. (Cut Contractors), 511 Jones
Shepard, G. F., 1120 N 20th
Sweeney, Jas. V.
Teetzell, Wm. Y.
§Van Court & Winn (Nehawka Stone), Paxton blk
SIDNEY—Sidney Stone Co.

NEW HAMPSHIRE.

CLAREMONT—Eaton, Hy. A.
Messer, Richard (Cut Contractor), Pleasant st
CONCORD—See Granite Producers, Workers & Dealers
DOVER—§Abbott, Jas. A. (Est.)
§Chesley, D. & Co. (Contractor)
LANCASTER—Hartley, Baker & Cummings
MANCHESTER—See Granite Producers, Workers & Dealers
MILFORD—See Granite Producers, Workers & Dealers
NASHUA—Cummings, Chas. E. & Son
Fuller, T. D.
Mulvanity, Thos.
Tetro, Adolph J.
ROCHESTER—Smalley & White
WEST CONCORD—See Concord Granite Producers, Workers & Dealers

NEW MEXICO.

ROSWELL—*Rasmussen, E. P.

NEW JERSEY.

ARLINGTON—Harrison, Albert (Cut Contractor), Chestnut n Hoyt
ASBURY PARK—Rothfritz, R. E. K. (Blue)
Taylor, L. M., c Main & 3d
AVONDALE—*Barr, Andrew
BAYONNE—Brady, Jas., 42 E 1st
Hill, Geo. W., Av D, c 50th
BRIDGETON—Applegate, M. W. (Contractor)
Ogden & Platt
Shaw, Wm. R.

BURLINGTON—Packer, H. E.
Rigg, Edw., Jr.
Vandegrift, Wm. R.
CALIFON—*Califon Limestone Co.
CAMDEN—Justice, J. S. & Co., 131 Main
DUNELLEN—Garretson & Gray (Crushed)
ELIZABETH—Clark, A. L. Stone Co. (Blue),
McGhee, Geo. & Son 1718 E Broad
Marron, R. J. & Bro.
ENGLEWOOD—Thompson, Jos. A. (Cut Contractors)
GUTTENBURG—*Clinton Point Stone Co.
HACKENSACK—Long, F. R. Co.
Mabie, Elmer
Moriarity Bros.
HARRISON—(See Newark.)
HOBOKEN—Barr, Thaw & Frazer (Cut Contractors), 13th & Adams
HOPEWELL—*Cope, J. S.
JERSEY CITY—Adams, M. A., 828 West Side
English, Jno. & Sons, 412 Grand av
Fearis, Wm., Paterson Plk rd nr W. Shore R. R.
Houlihan, Lawrence (Blue), Jersey av c 17th
Muirhead, Robt., c 1st & Provost
Prigge, Henry, Tonnele av nr Carlton
Sanitas Stone Co., 216 Monmouth
Shanley, B. M. & J. F. Co. (Heavy Masonry), 26 Exchange pl
Standard Blue Stone Co., 1st & Provost
Stockton Stone Co., 26 Exchange pl
Union Stone Co. (Blue, etc.), c 10th &
KEARNEY—Harrison, Albert Brunswick
Higet, Thos.
Standing, Robt.
LONG BRANCH—Clark & Whealan
Malchow, R. & Son
MATAWAN—Lupton Bros. (Monumental & Flag)
MILLVILLE—Cory, Charles F.
MONTCLAIR—Espy, Jno.
§Osborne & Marsellis Co.
Wood, Thomas
MORRISTOWN—Dalrymple - Hastings. (Cut
Ennis, C. W. & Co. (Blue, etc.) Stone)
Morris County Crushed Stone Co.
NEWARK—Boyle, Thos. (Cut Contractor), 168 Ridge
Brown, Geo. & Co. (Cut Contractors), 270 Passaic av
Carr & Ball (Cut Contractors), 119 Passaic av, Harrison
Cook & Genung Co., 16 Jersey
Durie & Davidson (Cut Contractors), 121 Passaic av, Harrison
Harper, David (Blue), 800 Broad
Hoerner, H. J. & Co. (Cut Contractors), Lister av
McDowell, J. (Cut Contractor), 101 Grafton av
§Newark Blue Stone Co. (Blue), 110 Passaic
Powers & McGowan (Cut Contractors), 470 S Orange av
Schreitmueller, Henry (Cut Contractor), Waverly & Jeliff aves
§Shanley, B. M. & J. F. Co. (Heavy Masonry), 867 Broad
Spurr, J. J. & Sons (Cut Contractors), ft Warren dock, Harrison
Van Steenberg & Clark (Blue), 204 Ogden
Woodward, A. H. & Co. (Blue & Cut), 112 Passaic
NEW BRUNSWICK—Cole, Thos. C. (Cut Con-
Mooney, Hugh J. tractor), 216 Suydam
NORTH LEROY—General Crushed Stone Co. (Inc.) (Crushed, R R Ballast, etc.)
ORANGE—§Spottiswoode, George & Co.
PASSSAIC—Fogerty, D. & Son
Passaic City Brown Stone Co.
PATERSON—McKiernan & Bergin (Crushed, Paving & Building), 1st Nat. Bank bldg
Stanley & Co., 168 R R av
PERTH AMBOY—Wilbert, Charles C.
PLAINFIELD—Bartle, Wm. E. (Building)
Lannon, John W. (Blue)
Manning, L. L. & Son
Powers, M. (Blue), 725 South av
Smalley Bros. (Crushed)
RIVERSIDE—Mitsch & Sons
ROCKYHILL—*Rockyhill Stone Storage Co. (Crushed & Paving Blocks)
SCOTCH PLAINS—Hatfield & Weldon
SOMERVILLE—Sargeant Bros. (Flagging)
STOCKTON—*Eastburn, Chas. T. & Co.
*Twining, S. B. & Co.
SWEDESBORO—Hannold, W. H. & Sons
TOWN OF UNION—(See Weehawken)
TRENTON—Eppele, F. J. (Blue). 530 Perry
Hutchinson, R. H. & Bros., Breunig av & Olden av
McDonald, Alex. Co., 862 Centre
Packer, S. B. (Cut Contractor), 331 Perry
Prior, T. H. & Sons (Cut Contractors)
*Richardson, Jos. B. & Sons (Dealers), 120 N Stockton
VINELAND—Kimble, Prince & Co.
WEST ORANGE—§O'Rourke, John
§Skrump, Fred.
WOODBURY—Snelbaker Bros.
Walton, Charles

NEW YORK.

ALBANY—Albany County Blue Stone Co., 2 2 Yates
Albany Stone Works, 48 Herkimer
Brickner, Wm. J., 102 B'way
Brooksby, Charles (Cut Contractor), 245 Hudson av
Flagler, John (Cut Contractor), 2 Yates
Gazley & Moffitt, 505 S Pearl
Hyslop & McMurray, c Quail & West
McClellan, John, 311 B'way
Nolan & Donnelly (Cut Stone), 4th av & Church
Schilling Co. (Cut Stone), 43 Eagle
ALBION—Kinmont, Geo.
*Medina Quarry Co. (Medina Stone)
*Medina Stone Co. (Medina Stone)
*Reed, Allen & Reed
*Ryan, M. A.
*Skinner, E. D.
ALLABEN—Risley, Edmund (Blue)
Ulster & Delaware Bluestone Co.
Whitney, Giles (Blue)
AMSTERDAM—Hennessey, Wm. E.
Hewitt, D. C.
Messenger, Stephen & Son
AUBURN—*Goodrich, C. E.
Robinson Bros.
BIGELOW—*Williams, Chas. & Co. (Limestone & Flax)
BINGHAMTON—Ingalis Stone Co. (Steam Cut Stone Works)
Lauder, Isaac & Son
Matthews, E. J.
Meagher, Thos. F. (Cut Contractor), Wall opp Govt bldg
BROOKLYN—(See New York City, Borough of Brooklyn)
BUFFALO—Akron Stone Co., D. S. Morgan bldg
American Stone & Lime Co., Builders Exch.
Appenheimer, Jno. L., Fillmore & Appenheimer aves
Ball & Wittig (Cut & Flagging), North c Ellicott
***BUFFALO CEMENT CO. (Ltd.)** (Building, Dimensions & Cut), 110 Franklin
Buffalo Steam Stone Works, ft Hudson
Carroll Bros. (Blue, etc.), 388 Ellicott sq
§Cutter & Bailey (Building Stone), 143 Wash
Dehn, Chas., c Louisiana & Perry
§Gehres, Anna, 1968 Fillmore av
Hartke, Henry, Perry cor. Louisiana
Kehr & Felton (Cut Stone & Flagging), ft Church
§McDonnell & Sons (Cut Contractors), 858 Main
Maltby, Geo. W. (Cut & Flagging), 21 Maryland
*Medina Quarry Co., 16 Maryland
Queen City Cut Stone Co. (Cut Contractors), 94 Goodrich
Reeb, M. A., 599 Michigan
*Schreier & Voisard, 1855 Fillmore av
Smith, Edw. J., 370 Ellicott sq.
Star Cut Stone Co., 215 Oak
Summit Park Stone Co., 3011 Main
CALLICOON DEPOT—§Persbacker, Val
CANAJOHARIE—§Shaper, A. E. & D. C.
CATSKILL—§Holdridge, Geo. W.
CHAUMONT—§Adams & Duford Co.
CORTLAND—Beers & Warfield
Benjamin, S. M.
DEPOSIT—Deposit Granite & Marble Works
DOBBS FERRY—Besson & Co.
DUNKIRK—Atlas Builders Supply Co.
EAST AURORA—Griggs & Ball (Flagging)
ELMIRA—Allen, Chas. A. (Cut Contractor)
Cartledge, J.
§Costello & Neagle (Limestone)
Thomas, E. A.
Ward, Wm. A. (Curb & Flag Stone), 413 E. Water
Yenger, B. (Cut Contractor), E Church
EVERGREEN—(See New York City, Borough of Queens.)
FISH'S EDDY—Nevins, Jas. & Son
FLUSHING—(See New York City, Borough of Queens.)
FT. PLAIN—Ehle, Josiah (Building)
Selwood, WFrank J.
FREDONIA—§Archibald, W. B.
Forbes, Geo.
GLENS FALLS—Finch, Pruyn & Co. (Dealers)
Glens Falls Co.
McHugh, Jas. A.
Thomas, Andw.
GLOVERSVILLE—Adirondack Stone Co.
*Edel, Jno.
Hunter & Son
Starr, Z. B. (Cut, etc.)
GOUVERNEUR—Empire Marble Co.
Gouverneur Marble Co.
Northern Stone Co. (Crushed)
GRANVILLE—*O'Brien Bros.
GREEN ISLAND—Kelley, E. & Co.
HALE EDDY—*Begel, Grant
§Kingsbury, C. M. & Co.
Travis & Kingsbury (Blue stone)
HANCOCK—Kazenstine, Geo. W. (Bluestone)
*Kirkpatrick Bros.
§Randall Bros.
HANKINS—§Manny, Anthony
HAVERSTRAW—*Foss, Wilson P.
HIGHLAND FALLS—Muller Bros. (Blue)
HOLLEY—§Farrand, Wm. H.
HONEOYE FALLS—Harris, Dennis
Hart, Frank J.
HOOSICK FALLS—Hocter Bros.
HORNELLSVILLE—Babcock & Fay
Drakford, W. E.
HUDSON—Hoctor, Patrick
Jones, F. W. & Co.
HULBURTON—*Balmforth Bros.
Ford, A. B.
*Squire, A. R.
HUNTINGTON—Lockwood, H.
ITHACA—§McClune, G. C.
Storms, J. B.
JAMAICA—(See New York City, Borough of Queens)
JAMESTOWN—Ackroyd & Sons (Cut Contractors)
Endress, W. F. (Cut & Flagging)
§Jamestown Shale Brick Co.
Pearl City Stone Co. (Cut Stone)
KING FERRY—*Cusick & Murray
KINGSTON—*Donovan & Son (Crushed)
Hudson River Blue Stone Co. (Blue)
Kent, W. J.
Luther, Fred'k P.
Owens, Jacob (Cut Contractor)
LE ROY—*Heimlech, Jno.
Keeney, N. B. & Son
§Morris & Strobel
*Stefani Bros.
LEWISTON—*Hotchkill, C. T.
LOCKPORT—Bendinger, L.
Crowe, Michael J. (Building)
Stainthorpe, C. N. & Co. (Building)
§Whitmore, C. B. Mrs. (Sandstone)
LONG EDDY—*Carrick Bros. (Bluestone)
Fritz, Jno. & Son. (Bluestone)
*Kenny Bros.
*Peak, Cyrus, Jr. (Bluestone)
LONG ISLAND CITY—(See New York City, Borough of Queens)
MAMARONECK—Brewer, R. G. (Flagging)
Moffat. L. (Blue)
MECHANICSVILLE—Hoskins, C. E. (Flagging, etc.)
MEDINA—*Filkins, S. E.
§Horan, Jno.
MIDDLETOWN—Dewitt, E. D. (Blue)
Wager, D. P. & Son (Blue)
MT. KISCO—Gorham, D. F.
MT. VERNON—Dooling & Kenlon (Dealers)
Qualman, H. J.
Smith, Sam'l F.
NARROWSBURG—§Partridge, Jere
NEW BALTIMORE—Fuller & Sons
NEW BRIGHTON—(See New York City, Borough of Richmond)
NEWBURGH—Crawford, Wm. (Pa. Blue & Free Stone), 22 Lauder
Dwyer & Sager (Blue & Flagging). 225 B'way
Forson & Ross, 99 Front
Fletcher, Wm. F. (Cut Contractor & Polishing), 131 B'way
Fuller, Wm. H. & Co., 65 Renwick
§Harrison, John J. E. (Dimension)
§Miller, D. C. (Crushed & Building), 258 B'way
Miller, Geo. W., 258 B'way
NEW PALTZ—*Hasbrouck, J. J. (Buhr Stones)
NEW ROCHELLE—Mahlstedt, J. A. Lumber & Coal Co.
New Rochelle Coal & Lumber Co. (Flagging, etc.)

NEW YORK CITY

Borough of Brooklyn.

BROOKLYN—April & Keenan (Freestone), 107 8th

§**BAIRD, A. D. & CO. (Cut Con**tractors), Wythe av c Keap
BAIRD, ANDREW R. (Cut Stone Contractor), 36 Hooper
Bindrim, Geo. F. (Blue), 1096 Flushing av
Bindrim, Nicholas (Blue), Wallabout
Booth, Jas. F. (Blue), F'bush av nr Av H
Bradley, Wm. & Sons (Cut), 225 Nevins
Brown, Davld (Cut Contractors), 60 9th
Burns, John (Blue), 6 N 3rd av
Christmas, Theo. G. (Cut Contractors), 27 Heyward
Clark, Edw. (Blue), cor 4th av & 2d
Curran, John J. & Bros. (Cut Contractors), 191 3d av
§Dean, S. & Bro. (Cut Contractors), 141 3d
Evergreen Stone Co., Wyckoff & Wierfield
Galvel, Wm. (Cut), 1096 Flushing av
Gold & Nlcholl (Cut Contractors), 320 3d av
Graf, Jno. (Brown), Howard av, N Bergen
Helnlein, John (Cut Contractor), 555 President
Hommel & Harnden (N. R. Blue, etc.), 991 Grand
Johnson, Patrlck J. (Blue), 3d av & Douglass
Lynan, Peter F. (Est. of) (Blue), Bond & 4th
McLaren, Jas. (Cut Contractor), Court & Bay
MacGregor, Alex., 294 4th av
Moore, Michael (Blue), Bay 19th nr Benson av
Moran, John W. (Estate of) (Blue), Hamilton av & Hlcks
Mouter & Dumproff (Cut Contractors), 26 Varlck av
Parker, Thos. (Blue), 476 Flushing av
roll
Putnam, W. K. Co. (Blue), 1235 3d av
Rankln & Ross (Cut Contractors), 372 Carroll
Ross, Wm. S. (Cut Contractor), 254 Douglass
Seltz, Jacob (Brown), Wallabout
Trudden, M. (Blue), c East N Y & Vesta aves
Van Hovenburgh, C. (Blue), cor Huron & Provost

Boroughs of Manhattan & Bronx

NEW YORK—Altleri, Michael (Cut Contractor), 610 Wales av
Annett Bros. & McConnell (Blue), 10 W 141st
***BEDFORD QUARRIES CO. (Blue** & Buff, Ind. Limestone), 949 B'way. Quarries & Mills, Bedford, Ind. (See adv. on front cover)
Bellville Quarry & Stone Works(Brown), 127 Fulton
Best, Jno. (Blue), 520 E 80th
Blnswanger, H. P. Co. (Granlte, Stone & Marble Importers & Wholesale Dealers), 3 W 29th
Borough Cut Stone Co. (Cut), 142d & Walnut av
Bouker Contractlng Co. (Crushed, etc.), 21 State
Bowles, R. W. (Blue), 408 E 60th
*Brodlx, Franklin T. (Cut Contractor), 156 5th av
Brohmer Bros., Ave A & 7th, Unionport
Brown, Geo. & Co. (Cut Contractors), 1123 B'way
Brown & Fleming Contracting Co., 129 Broad
Builders' Stone Contractlng Co. (Brown, etc.), 420 E 18th
Cameron, John (Blue, Contractor), Whlte Plalns av, Wmsbridge
Carlucci Stone Co. (Freestone), 1133 B'way.
COHEN, MICHAEL (Freestone, etc.), 1133 B'way. (See adv. below)
Conlon, Jas. W. (Blue Stone Contractor), cor Ave A & 65th
Cosgrove Bros. (Cut Contractors), 620 W 27th
Cullen, Jno. & Co. (Cut & Free Contractors), 2097 1st av
Dalrymple-Hastings Co., 1133 B'way
Deposit Stone Co. (Blue Stone, Wholesale), 280 B'way
Donovan, Jno. J. (Crushed Building), 203 B'way
Doyle, Geo. & Co. (Indiana Limestone), 287 4th av
Dunn, Thos. J. (Blue Stone Contractor), 440 E 68th
Eastern Stone Co. (Wholesale Blue), ft E 104th
Ellin, Kitson & Co. (Cut), 25th & N. R.
§Erle Blue Stone Ass'n (Blue, Wholesale), 280 B'way
FLEMING & CO., 123 Liberty. (See adv. index, end of book)
Foland, Peter (Blue), 2538 Park av
Furlong, John (Wholesale), 1123 B'way
General Crushed Stone Co. (Inc.), (Crushed R. R. Ballast, etc.), Jerome Park
Glsin, Bellows & Turner (Cut), 503 E 79th
GRACE, WM. (Dealer & Importer), 120 Front. (See adv. index, end of book)
Halloran, Jas. F. (Blue Stone Contractors), 644 W 51st
Hanlein, Henry & Son (Cut Contractors), 417 E 103d
Henry, M. C. & Co. (Steam Stone Works, Free Stone & Marble, Cut Contractors), 403 E 104th
Hlllemeler Steam Stone Works Co. (Cut Contractor), 514 E 116th
Hudson River Blue Stone Co. (Blue Stone, Wholesale), 280 B'way
Hutchinson, John & Sons (Cut Contractors), 2383 1st av
Jackson, Jerome A., 320 E 64th
*Klrkpatrlck Bros. (Blue Stone, Wholesale), 258 B'way
Klingenbeck, Victor & Co. (Cut Contractors), 106th & E. R.
La Spina, John (Cut Contractor), 320 E 108th
Lenahan, B. J. (Cut Contractor), 303 Rider av
Llddle, Jno. & Co. (Cut), 402 E 107th
Lockwood, Alex. (Blue Stone Contractor), 637 W 130th
Lodge, Martin P. (Blue, Contractor), 532 W 44th
Low & Flogaus (Blue Stone Contractor, etc.), 483 E 138th
McCarthy, J. & Co., 535 W 48th
Malder, Chas. F. & Co., 140th & Walnut av
*Marble Hill Quarry Co., 34 Pine
Marine, Arlando (Wholesale Dealers in Freestone & Marble), 7 E 42d
§Maxwell's, Jno. Sons (Blue Stone, Wholesale), 261 B'way
*Medina Quarry Co. (Medina Stone), 39 Cortlandt
Meyers, Augustus (Cut Blue), 542 W 21st
Mlller, David (Cut Contractor), 315 E 103d
Moran, Dennls W. (Blue Stone, Wholesale). 657 Morris av
Mulllgan's, M. Son & Co. (Brownstone Contractors), 425 E 53d
Murray, M. & Co., 533 W 48th
Nelson, Wm., 13 Chambers
New York Cut Stone Co., 4 E 42d
Norcross Bros. & Co., 160 5th av. (Quarrymen and General Contractors in Granlte, Marble & Stone; Large Structures a Specialty)
North River & Oakland Blue Stone Co., 68th nr Av A
O'Brlen Bros. (Buildlng, Dock & Broken), 55 South
*O'Brien Bros. (Quarry), B'way & 221st
O'Connell, Michael (Blue Stone Contractor), 537 W 40th
Oethinger, Dannemann & Kupka (Cut Contractors), Walnut av nr E 139th
OHIO QUARRIES CO. (Blue & Buff, Ohlo Sandstone, Sawed Stone a Specialty). Quarries & Mills, Bedford, Ind.
Penney & Bunt, S Boul nr Brook av
Reeber's, J. Sons (Blue), 409 E 107th
Rendt, Louis B. (Buildlng, Dock & Broken), 18 Beaver
Scheubner & Feucht (Cut Contractors), Walnut av nr E 142d
Schlegelmllch, Michael A. Stone Contracting Co. (Brown & Freestone Contractors), 420 E 18th
Schmitt, Frank (Brownstone Contractor). 411 E 121st
Scully, Jno. H. (Bluestone Contractor), 408 E 101st
Setz, Thos. P. (Cut), 420 E 18th
Seus & Tracey (Cut Contractors), 406 E 109th
Sherwood, G. P. & Co. (Wholesale Dealers, all Klnds), 1123 B'way
Shuttleworth, E. (Cut Contractor), ft E 105th
§Sinclair, Jas. & Co. (Cut Contractors), 413 E 29th
Smith's, Jno. R. Son (Cut Contractors), ft E 103d
Stocklnger Bros. (Bluestone Contractors), 432 E 62d
Sweeney, Peter B. (Blue), 206 B'way
Thomas, Hugh Co. (Crushed & Limestone), 340 E 6th
Treanor Bros. (Blue), 547 W 45th
Tulloch, David (Cut Contractor), 302 E 108th
Underwood, C. R. (Blue), 280 B'way
Vairo & Naccaroto (Blue), 7 W 137th
Vesey, Jno. (Blue Contractor), 1121 1st av
Whlte, Geo. W. & Co. (Freestone, Bluestone, etc., Wholesale), 1133 B'way
Willlams, B. A. & G. N. (Cut Contractors), 1272 Ave A
Woodward, C. F. (Freestone), 1123 B'way
Young, Jas. H. Stone Co. (Cut Contractor), E 136th & Locust av

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FLUSHING—Styles & Doughty (Blue)
JAMAICA—Clary, Thos. W. (Blue), Dlvlsion
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Gillies, Jas. & Sons (Cut Contractors), Vernon av n 14th
Harris & Hoeft (Blue), West av & Flushing
Hughes & Scanlan (Cut Contractors), ft Sanford
Kearns Bros., 211 Greenpolnt av
McWhirter, W. H. Co. (Cut Contractors)
Miller's, Edwin Sons (Cut Contractors), Boulevard & Bodine
Morrison, David G. (Cut Contractor), 373 Vernon av
Morton, Wm. L. (Cut contractors), 1039 Boulevard
Strachan & Co. (Cut Contractors), Vernon av

Borough of Richmond

NEW BRIGHTON—Hart, P. & Son
PORT RICHMOND—Buel, Horace E.
Buel, Horace E.
TOMPKINSVILLE—Feist, Karl (Cut Contractor)

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Lennon, Jno.
*Sandstone Co., 252 2d
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OLEAN—Foley Bros.
McDowell, C. B.
ONEONTA—Dauley & Wright
§Ingalls Stone Co.
Oles & Miller (Bluestone)
OSWEGO—Farwell, J. B. & Co. (Dealers)
OXFORD—§Clark, F. G. Bluestone Co. (Blue)
PALATINE BRIDGE—§Mohawk Valley Stone Co. (Cut & Bridge)
PATCHOGUE—Bailey, E. & Sons

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*Simpson, E. L., Mrs.
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Nearpass, Wm. J.
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Brayer & Albaugh, 27 Main, E
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Carson, Wm. & C. H. (Cut Contractors), 54 Plymouth av
§Foery & Kastner, N Goodman & Central Park
Lauer & Hagaman (Cut Contractors), 458 S Clinton
Oliver, H. T. (Cut Contractors), 328 South av
§Tanner, Edw. R., Snyder & Frost av
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Kinum, Andrew, 119 Park pl
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Kelly, E. & Co. (Cut and Flagging), Green Island
Lee, Jas. F. (Cut & Blue), Smith av nr River
McQuide, John, 13th & 4th av, Lans
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Conley, F. E. Stone Co. (Blue & Crushed), 76 Park av
Cromie & McMullen (Flagging), 59 Roberts
Fuller's Electric Cut Stone Works, Sunset av ft of Kirkland
Godfrey, E. C. (Cut, Contractors), 144 Albany
McNierney Bros. (Flagging & Cut Contractors), 38 Erie
Martin, Jno., 30 Huntington
Stobner, Wm., 132 Columbia
U. T. K. Stone Co., 144 Albany
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Hanigan, Jno. & Son
§Warsaw Blue Stone Co.
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Kellock, James, 78 Woodworth av
*Mile Square Stone Co., Midland av
*O'Rourke, Edward

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Rowan Granite Co.
Salisbury Granite Co.
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Betz, Joseph, North n Forest av
§Big Four Stone Co., Builders' & Traders' Exch
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§Buena Vista Freestone Co. (Freestone), Mitchell bldg
Buente, Louis C. (Stone Yard), 3664 Spring Grove
§Buetsche Bros., Wine Press rd nr Tusculum av
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*Connecticut Brown Stone Co., Johnston bldg
*Consolidated Stone Co. (of Chicago), Johnston bldg
Dauch, L. C., 3660 Spring Grove av
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Giese, William, 1807 Queen City av
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Graveson, Wm., Symmes nr Florence av
Hall, Thos. J., ft Vine
*Hamilton, Wm. W. & Co., Johnston bldg
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*Howe, Ernst, 225 Stark Johnston bldg
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*Kentucky Blue Stone Co., Johnston bldg
*Kentucky Freestone Co., Inc. (Blue, Buff Olive Rockcastle Stone), 2629 Spring Grove av. Mills, Langford, Ky.
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Robinson, O. E. (Dealer) 4647 Hamilton av
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§Euclid Stone Co., Garfield bldg
§Forest City Stone Co. (Sandstone), 592 The Arcade
Garfield, Thomas C., 1646 Harvard
Haldeman Stone Co., New England bldg
Holland, John, The Arcade
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§Independent Stone Co. (Blue, Buff, etc.), Cuyohoga bldg
§Malone Stone Co. (Sandstone, Blue, Buff, etc.), Garfield bldg
§Maxwell, Rolff Stone Co., 337 The Arcade
Neff, Harry A., 1975 Doan
§Norcross Co., 269 W River
Northern Ohio Paving & Construction Co., The Arcade
Ohio Litholite Co., 759 Bolton av
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Talbot, H. E. & Co. (Cut Contractors), Reibold bldg
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§Nation & Farr
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Ottinger, S. F.
Preston, Burton
Thomson, James
Wolff, E. M. & Co.
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McLaren & Wommer
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Meisenhelder & Leonhart
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*Lawrence, Daniel
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†Everhard Co.
Massillon Sand Stone Co. (Sandstone)
*Massillon Stone & Firebrick Co.
Meinhart, Jno. (Contractor)
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*Iry, Wm.
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§Kaserman, Geo.
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Stagge, Hy. & Sons
PATTERSON—*Herzog, Jno. (Building)
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Ohio Marble Co.
§Statler, D. C. & Co. (Lime)
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POMEROY—Bauer, Geo. (Flagging)
Vincent, Jos. & Son (Cutter)
PORTSMOUTH—*Bodmer Bros.
McCalm, F. C.
§Reitz Stone Co. (Buff, Blue & Brown Sandstone)
RARDEN—Rarden Stone Co. (Sand Stone)
Taylor, L. & Co.
READING—Fuchs & Co.
ST. BERNARD—Broxterman, Frank
SANDUSKY—Hartman & Hendrickson
Montgomery, A.
Sandusky Sand Co.
*Wagner, Michl.
SPRINGFIELD—Crist, Wm. L., Jr., N. Park nr Main
Fish, A. A., King blk
§Houlton, Saml P., Lagonda Creek
§Mills Bros. (Building, Bridge, Flagging, etc.), 107 S Limestone
§Moore's Lime Co., Linden av & Wash'n
§Rubsam, W. A., Mad River nr National rd
Russell Bros., 58 S Race
§Springfield Stone & Lime Co., 207 N Plum
§Taylor, Samuel S., Dayton pike n Corp. line
STEUBENVILLE—Archer, W. J., Mrs.
Hebron, Jno. L.
McCarty, A. J. & Co.
SUGAR GROVE—§Sharp, R. L. Stone Co. (Sandstone
*Sharp Bros.
§Sharp, William
SUNBURY—§Fleckner, H.
TIFFIN—Schouder, Louis
Stewart, George
Weot Bros.
TOLEDO—§Craig Stone Co., "The Spitzer"
Eckhardt Monumental Co.
Froehlich, Herman
Knopp Bros. Stone Co. (Cut Contractors), c Oak & Belt Line Ry.
Libbe, Henry (Flagging, etc.), Champlain
Lloyd Bros. Co. nr Elm
*Miami Stone Co., The Valentine
Peck, C. & Son (Cut Contractors), 3112 Monroe, Toledo, O.
Toledo Stone & Glass Sand Co.
Toledo White Lime Co.
UPPER SANDUSKY—Carpenter, D. E.
Neidig, Jos.
URBANA—Bunnell, D. M.
Heatherman, Patk.
VAN WERT—*Clover Leaf Stone Co.
WADSWORTH—Hockensmith Bros.
WARREN—Craig, S. Son & Co.
Warren Marble & Granite Co.
WASHINGTON, C. H.—Barber, D. J.
Burke, P. J.
WAUSEON—Sohn & Harter
WEST CLARKSFIELD—*Warner Stone Co.
WHITE HOUSE—§Pray, J. L. & Son
§Ryan, C. W.
WOOSTER—*Winter, Jno. F.
Wooster Stone & Sand Co.
YOUNGSTOWN—§Bessemer Limestone Co.
§Brier Hill Stone Co. (Limestone)
§Clover Creek Limestone Co. (Limestone)
*Lake Erie Limestone Co.
*Lowell Limestone Co.
*Quaker Falls Stone Co.
*Union Limestone Co.
ZANESVILLE—Cary, F. S. & Co.
Mitchell & Baldwin
Moore, L. A.

OKLAHOMA TERRITORY.

OKLAHOMA—Clark, H. J. (Dealer)
McKee-Brown Lbr. Co. (Dealers)
Miller, S. H.
Oklahoma Stone Mfg. Co.

OREGON.

DALLAS—Hawkins, G. L.
Columbia Stone & Contract Co.
Index Granite Quarries, Sherlock bldg
McCracken, J. Co. (Dimension & Sawed Sandstone), 231 Pine
*Portland Granite & Stone Co., 20 Front, N.
Schanen & Nau (Cut, Contractors), 268 1st
*Tenino Stone Quarry Co., Sherlock bldg

PENNSYLVANIA.

ALLEGHENY—Aitkenhead, Wm. (Cut), 1222 Irwin av
Alston, A. & Son, Grant & Penna. avs
Berg & Melville, River av n N Craig
Chapman, Jas., 68 Brighton pl
Clark Bros. (Cut, Contractors & Saw Mills), Bayard & Preble av
§Clydesdale Stone Co., Lewis blk
Forrester & Kemp, Fremont & Jackson
Fritz, Geo., 1213 East.
Holmes, Sam'l (Contractor), 1253 Juniata
Jordan, Conrad, 1024 Perry
Knox, Strouss & Bragoon (Cut), Preble av, Juniata
Krah, Amand, 35 Ravine
Kunkle, H. F., 1012 Ohio
Morrison Bros. Co. (Cut, Contractors & Saw Mills), South av & Allegheny av
Ogilvie Bros., Magnolia & Said
Schreiner, Jno. (Heavy Foundations and Flagging), 1249 Adams
ALLENTOWN—Ochs, M. T. J.
Romig & Romig
Shoemaker, G. W. (Dealer), 722 Hamilton
ALTOONA—Hughes, W. V.
*Michaels, J. E., 710 Green av
Stratford, J. F.
Vipond Construction Co. (Cut & Flagging)
Williams, W. & Son
ANNVILLE—*Annville Stone Co.
Biever, Jno. W.
Black, J. H.
§Forney & Batdorf
AVONDALE—*Kreider, E. & Co.
Millard, J. B.
*Royer, Sam'l A.
*Leiper & Lewis
*Williamson, F. & Co.
BEAVER—National Sand & Stone Co.
BECKERSVILLE—*Wesley, J. B. (Sandstone)
BELLWOOD—*Cherry Bros.
BETHLEHEM—(See South Bethlehem)
BIRDSBORO—*Dyer, Jno. T. Quarry Co.
Grubb & Son
March, Isaac F.
BLAIRSVILLE—Frey, R. H. & Son
Murray, C. F.
BRADDOCK—*Hogg, Geo. Co.
Hollenberry, C. B.
*McGarey & Gibson
*Stockdale Supply Co.
BRADFORD—Allen & Hodges
Foley Bros.
Kelly, D. J. (Cut and Blue)
BRIDGEPORT—*Tyson, Jacob L.
BRISTOL—Banister, Jos. (Flag & Building Stone Cutter)
Leedom, W. F. (Building)
BROWNSVILLE—§Patton & Ledwith
Wright's, T. S. Sons
BURMONT—*Maher, Philip
BUTLER—†Schaffner, Geo. S.
CARLISLE—Donovan, Jere
Faber, L. C. (Flagging)
Goodyear Bros. (Lime)
Owen, Richard H.
CARNEGIE—Carnegie Brick & Stone Co.
Fort Pitt Stone & Brick Co.
CATASAUQUA—Bernd, E. M.
CHAMBERSBURG—Shull, D. J.
CHESTER—§Burns, D. H. (Blue)
Cullis, Hy. W.
Leiper, Mrs. Eliza (Cut Contractor)
§Leiper & Lewis (Building)
Oglesby, P. P. & Son
Sleeper, N. E.
COLUMBIA—Black, Samuel P.
§Hoffman, S. H.
CONNELLSVILLE—Palmer Bros.
Standard Lime & Stone Co.
*Zanchi, F. F.
CONSHOHOCKEN—*Beatty, Jas. (Rubble & Foundation)
§East Conshohocken Stone Quarry Co. (Rubble & Foundation)
North Conshohocken Stone Quarry Co.
§Phila. & Conshohocken Stone Quarry Co. (Rubble & Foundation)

§Schuylkill Stone Co. (Building, Bridge, etc.)
CURWENSVILLE—*Clearfield Quarrying Co.
*Conemaugh Stone Co.
Roaring Run Stone Co.
DANVILLE—Evans, T. L. & Son
Rogers, D. J.
DELPHI—Bergey, Jno. K.
DOYLESTOWN—Moore, J. H. & Co. (Cutters)
Stilwell, John P.
DUBOIS—Krell, J. H.
EASTON—Carey, Geo.
Hartzell & Smith
Howell Sons
Kelley, Patriek (Blue)
Nittel, Jacob
Waltz, Jno. Lehicton
EDGE HILL—Rhoads, Wm.
Wilson, M.
ELWOOD CITY—*Clydesdale Stone Co.
Ellwood Stone Co.
EMAUS—Becker, H. F.
EMLENTON—Newton, A. R.
EPHRATA—Bolster, Geo. & Sons
Willson, T. A. (Crushed)
FRANKSTOWN—American Lime & Stone Co.
GETTYSBURG—§Lightner, B. F.
GREENVILLE—*Amy & Co.
Halpin, P. J.
GROVE CITY—*Sharon Coal & Limestone Co.
*Uber & Breckenridge Stone Co.
HALIFAX—*Susquehanna Stone Co. (Large)
HANOVER—Hoke & Son
Kuhn, F. X.
HARRISBURG—Beatty & Bro. (Cut Contractors)
Black, Jno. (Cut Contractors)
Gerloek & Lutz (Foundation)
§Reel, Peter (Foundation)
§Walton Quarries (Building, Flux, Crushed Ballast, etc.)
HIGHSPIRE—*Zimmerman, Solomon
HOLLIDAYSBURG—American Lime & Stone Co.
§Baldridge, E. R. & Co.
HOMESTEAD—Erbeck Bros. (Cut Contractors)
*Hall, Geo. M. (Foundation)
HONESDALE—Caufield, Martin
HUMMELSTOWN—(See Waltonville)
ITHAN—*Quigley, C. B.
JOHNSTOWN—Johnstown Brick & Stone Co.
§Somerset Stone Co.
KING OF PRUSSIA—§Schweyer & Leiss (Blue)
KNOXVILLE—Milo, W. H.
LANCASTER—*Betz, Jacob, c Ann & Rickland
Betz, Philip
Burger, J. A. & Son
Doehat, C. J.
Haldy Marble & Granite Works
Heidig, John B.
Kreider, A. H.
Oster, Wm. M.
LATROBE—§Herman, John
Pottinger, Thomas
LEBANON—Bock, W. S. (Cut Contractor)
Daugherty, Hy. I. & Son
Guinther, Theobald (Cut Contractors)
Hartlieb & Bro.
Hauck, A. B. (Building)
*Millard, J. B. (Limestone)
*Mount Gretna Brownstone Co.
*Royer, Sam'l A.
McKEESPORT—§Bowman Bros. (Freestone)
Gibson, H. W. (Cut & (Flagging)
McInerney, M. H. (Cut & Flagging)
Winters & Wigglesworth (Cut & Flagging)
MALVERN—Green, Wm. S.
MERCER—Robinson, N. T. (Flagging)
MILTON—Wetzel, W. H.
MONONGAHELA—Gee, R. M. & Sons
MYERSTOWN—Deck, Frank P.
Walborn, Edwin (Quarry)
NAZARETH—Haas, Robt.
NEW BRIGHTON—Martsolf Bros.
§Smith, A. F. & Co. (Sandstone)
NEW CASTLE—*Croton Limestone & Brick Co. (Limestone)
*Isabella Limestone Co.
*Johnson, Geo. W. Limestone Co. (Limestone)
Lawrence Limestone Co.
*Marquies Limestone & Clay Co. (Limestone)
*New Castle Limestone Co.
*Pennsylvania Limestone Co.
*Pittsburg Limestone Co.
Van Horn, Geo. H. (Building)
NEWPORT—Hombaek, A. V. & Sons
NICHOLSON—*Shields, Moses Stone Co. (Cut & Sawed)
NORRISTOWN—Cedar Hollow Lime Co. (Limestone)
§Dyer, John T. Quarry Co. (Building & Crushed)
Landis, Isaac (Flagging & Cut)
§Lukens & Yerkes
§Richardson & Ross Quarry Co., Mogeetown
Smith, Geo. W. (Cut Stone)
Sullivan, W. M. (Cut, Contractor)
NORTH WALES—Billiard, Jas.
OIL CITY—*Oil City Sandstone Quarry Co.
PALMYRA—Mark, Moses
PATTON—§Good, Geo. S. & Co. (Sandstone, Bridge, Dimensions, Cut, etc.)
PHILADELPHIA—Bell, Wm. H. (Cut Contractor), 1711 N Front
Brown, Jas. F. (Cut Contractors), 39th & Haverford
Buck & Gallagher (Cut Contractors), 9th & Wolf
Clark & Co., Powdermill la, c Frogmoor, Fkd.
*Clearfield Quarrying Co..Rothschild bldg
Collins, Wm., 2020 Kater
§Conshohocken Stone Quarry Co., 302 Walnut
Copeland, Hugh & Sons (Cut Contractors), S 24th & Washington av
Costigan, Laurence, Church la & Baynton, Gtn
Craig, Chas. (Contraetor), 2632 Columbia av
Cunningham, Wm. E., N 18th & City line
Dix, Chas. H. (Witherspoon Bldg
Dodds, Jno. A. (Cut Contraetor), 2127 Race
Dolan Bros. (Cut Contractors), 2505 Lombard
Dolan, T. & J., S 24th & Delancey pl
Dyer, John T. Quarry Co., Harrison bldg
Eastburn, Chas. T. & Co., Rothschild bldg
§East Conshohocken Quarry Co., 2214 Chestnut
Ebert, Morris (Foundation & Rubble), 302 Walnut
Flynn, Jno. E. (Cut Contractors), Stenton & Luray avs, Gtn
Garrett, Jas. & Co., 1432 S Penn sq
Giles, McMichael & Co. (Cut Contractor), 2929 Ellsworth
Giles, Shields & Co. (Cut Contraetors), 1923 Washington av
Gray, Wm. & Sons (Cut Stone Contractors), 30th bel Walnut
Greble Marble & Granite Works, Witherspoon bldg
Hagan, John & Co. (Stone Yard), e Cambria & Amerlean
Harrison, R. C. (Wholesale), 29 Farson
Hastings & Morrison (Cut Contractors & Saw Mills), 1510 Wash'n av
Hauser, John, 2333 Ridge av
Hummelstown Brown Stone Co., Penna. bldg
Ireland, W. H., 1220 Filbert
Kirkpatrick Bros. (Brownstone Contractors & Saw Mills), 23d & Washington av
Kolb, Jno. (Cut Contraetors), 25th & Wash'n av
Law, Burwell & Barker (Cut Contraetors), 24th & Loeust
Lukens & Yerkes (Conshohocken) ,203 Stephen Girard Bldg
Mann & Gray (Cut Stone Contraetors), S 30th & Ellsworth
Mullen, James, 2219 Ellsworth
New Wayne Quarry Co., Wayne c Logan, Gtn
O'Neill, Jer., 7749 Gtn av
Ormston & Seary, 2601 Brown
Penna. Marble & Granite Co. (Cut Contractors), Penna. bldg
Peoples Bros. (Building & Crushed), 25th & Callowhill
§Phila. & Conshohocken Stone Quarry Co. (Dimension & Rubble), Rothsehild bldg
§Ridgway, B. & Son (Wyoming, Blue, Rough & Cut Work), 9th & Columbia av
Ryder & Jenkins, 3641 Woodland av
§Schuylkill Stone Co. (Building, Bridge Ashler, ete.), Penna. bldg
§Shanley, B. M. & J. F. Co. (Heavy Masonry) ,14 S Broad
Tyson, J. L., 900 Jeff.
Williamson, Frank (Indiana & Ohio Buff & Blue, Conn. Brown & Broken, Wholesale), 2202 Chestnut
Wood, Robt., 3427 Ridge av
PHOENIXVILLE—§Detwiler, G. A. (Cut Contractors)
§Knapp, Ernest (Blue)
PITTSBURG—Ably & Wolf (Cut Contraetors), Berlin & P. R. R.
Bachmann, Adam, 12 S 22d
Barnes, S. W., Ferguson Bldg
Booth & Flinn (Ltd.). 1942 Forbes av
§Buente, Martin & Co. (Cut Contractors), 10th & Duquesne Way
*Carnegie Steel Co. (Limestone for their own use), Quarries at Mercer, Pa.
§Cleveland Stone Co., Bijou Bldg
Clifford, John R., 1124 Vickroy
Coutts, Thos. & Co. (Cut Contraetors), 3301 Penn av
Craig Stone Co., Lewis Bldg
Davison, J. K. & Bro. (Contracotrs), 30th & Allegheny River
Downey & MeNamara, 105 Shady av
Forest City Stone Co., 6th av & Wood
*Glydesdale Stone Co. (Bridge & Pier, etc.), Lewis Blk
Haage, Fred'k, 40 Southern av
Knowlson, R. & Son, 925 Viekroy
Lindsay Construetion Co. (Cut Contraetor), 3026 Liberty av
Lindsay, W. A. Co. (Inc.), (Dealers Only), House Bldg
McMahon, P. H. Reed & Dinwiddie
§Malone Stone Co., Sehmidt Bldg
Minsinger Bros. & Co. (Building & Crushed), 562 2d av
Mullen, Pat'k B., 5990 Center av
Paekard, B. S., Times Bldg
Payne, Wm. J., Wash'n & Beltzhoover
Robertson, Jas., 829 Inwood
§St. Clair Limestone Co. (Limestone), Frick Bldg
South Side Brick & Stone Co., S 33d nr Jane
Weber, Wm. H., 4801 Penn av
§Weinman Bros., ft of Southern av
*Winfield Mineral Co. (Crushed, etc.), 421 Wood
Wymard, John K., Murtland & Monticello
PLYMOUTH—Bonham, S. J.
Flaherty, R. & Son
POINT PLEASANT—§Heany, L. S.
PORT KENNEDY—Jarrett & Co.
POTTSTOWN—*Egolf & Miller
§Nagle, Geo. W. & Co. (Dimension)
POTTSVILLE—Collins, Richard
Miller, Louis
Pottsville Marble & Granite Works
QUAKERTOWN—Clark, Josiah (Flagging)
READING—Ahrens, H. E. & Bro. (Contractors), 27 Reed
Bobst, Samuel (Foundation), 450 S 18th
Eagle Marble & Granite Works
Eben Stone Co., 2d e Chestnut
Haueisen, Chas. E. (Cut Contractor), Buttonwood ab 6th
Honeker & Co., Moss & Green
Legler, Louis H., 226 Pearl
Miller, Daniel (Cut Contractor), c Pear & Wash'n
RICHLAND CENTRE—*Clark, Josiah (Blue, Flagging, Curbing, etc.)
RIDGWAY—Edwards & Son (Cutters)
RIDLEY PARK—*Mauro, A. N.
*Ward, Jos. H. Sons
ROCHESTER—McDonald & Hartman (Dealers)
*Park Fire Clay Co.
ST. PETERS—*Knauer, David J.
SCRANTON—Burke Bros., Connell bldg
Carlueci Stone Co. (Cut Contraetors), 730 Scranton
Keller, Luther (Lime), 913 W Lack. av
Muldoon, Patrick (Cut Contraetor), 1226 Penn av
Ruddy, M. J. (Cut Contraetor), 421 Lack.
Stipp, Peter (Blue and Yellow), 325 N Wash. av
Sykes, Samuel C. & Sons (Cut Contractors), 137 Penn av
*White Haven Quarry Co.
*Woelkers & Beilman (East Mountain Quarries), 110 Wash'n av
SEWICKLEY—Challis, D. W. & Son
SHAMOKIN—Barr, Peter (Flagging)
SHARON—Bombeck Bros.
Cook, Jno. & Son
Malsom, L.
SHARPSBURG—Douthett, R. J. (Cut Contractor), N Canal opp 12th
SHENANDOAH—Britt, Wm.
Masters, M. H.
SKINNERS EDDY—*Brink & Knapp
SOUDERTON—Souder & Crouthamel (Flag & Curb)
SOUTH BETHLEHEM—General Crushed Stone Co., Inc. (Crushed, R. R. Ballast, etc.)
Reinbold, Chas. H. (Cut Contractor & Flagging), 326 Broadhead

When writing to firms whose names appear in this book please mention Hendricks' Directory.

STEELTON—§Cumbler, Geo. W.
Messenger Bros.
TAMAQUA—Keller, P. (Flag)
Kintzel, Geo. I.
TARENTUM—§McCullough & Bro.
THORNBURY—§Brinton, Jas. H. (Green, Serpentine & Pink Sandstone)
TUNKHANNOCK—§Hawks Stone Co.
White, Geo.
TYRONE—§American Lime & Stone Co. (Limestone)
Wasson & Shuey
WALTONVILLE—§Hummelstown Brown Stone Co.
WASHINGTON—Hallam Construction Co.
§Reitsch Bros.
WAYNE—*McClellan, Wm.
WAYNESBORO—§Decarbonated Lime & Stone Co.
Forbes, J. N.
WEST CHESTER—Corcoran, Patk.
§Farrell, M. & T. E. (Green)
WEST CONSHOHOCKEN—(See Conshohocken)
WEST GROVE—Penna. Marble & Granite Co. (Cut Contractors)
WEST NEWTON—Walker, Geo. S.
WILKESBARRE—Buckley, Dennis (Dealer), 151 Hanover
Jones, W. T.
§McCoy, Chas. E. (Cut & Flagging), 14 Parrish)
§Schmidt, Jno. A. (Laural River Red)
Walsh, Richard
WILKINSBURG—Hill, Jno. C., Penn av & P. R. R.
Nichols & Cole, Meade & P. R. R.
Raisig, Chas., 1st Nat'l Bank bldg
Robertson, J. & Son, 207 Thomas
Ward, Jno. H. & Sons, 817 Penn. av
Wright, J. & Sons, 744 Penn. av
WILLIAMSPORT—Butz, Wilson
Gibbons, J. E.
§Guise Brick & Stone Co.
Schrade, J. C., ft Heyburn
Stuempfle, David
YORK—Deitrick, H. C.
Grothe, Hy. W.
*Horn, Jno.
Schrenker, Jno. (Cut Contractor)
§York Valley Lime Co. (Limestone)

RHODE ISLAND.

ARLINGTON—*Fenner, F. D.
CRANSTON—Stanton, B. A.
EAST GREENWICH—Hussey & Herlihy
EAST PROVIDENCE—Chase, Andw. R.
*McCormick, Jos. (Foundation, Building & Crushed), 183 Taunton av
GLOUCESTER—Blanchard, M.
Saunders, Smith
NEWPORT—Anthony, Jas. S.
Austin, Chas. P.
Cottrell, Jas. D. (Cut Contractor)
Riggs, Geo. H.
PAWTUCKET—Burns, Chas.
Johnson, Fred. L.
Newell Coal & Lbr. Co. (Blue)
O'Connor Bros.
O'Connor & Weatherhead
PROVIDENCE—Bishop, J. W. & Co. (Cut Limestone Contractors), Butler Exchange
Goff, Jas. C. (Blue), 31 Point
Johnson, Fred. L., opp. Swan pt & Riverside Cemeteries
McCormick, Jos. (Foundations & Crushed), 75 Westminster
Manchester & Hudson (North River Blue), 55 Point
NORCROSS BROS. (Brown & Red, Sand & Cut Contractors), 16 Exchange. (See adv. index, page 1200)
Rhode Island Brown Stone Works (Brown & Red, Sand & Cut Contractors), Leland n Brown & Sharps
Smithfield Granite Co., 199 Hartford av
Stanton & Farnum, 1143 Westminster
Stone, Jos. P. (Cut Contractor), 75 Westminster
Tingley, F. F., 75 Westminster
SCITUATE—Olney, Wm. A.
WESTERLY—Larkin, S. Eugene
New England Granite Works
Rhole Island Granite Works
WOONSOCKET—Daigneault, A. Godfrey (Building)
Magown & Bucke
Myers & Murray

SOUTH CAROLINA.

COLUMBIA—Hyat, F. H.
§Stewart Stone Co.

SOUTH DAKOTA.

LEAD—Bartlett Bros. (Dealers)
SIOUX FALLS—Ballard & Son
Gillett, Frank H.
Parmley, R. G. & Bro. (Dealers)
Perry, Geo. H. (Dealer)
Williams Bros.

TENNESSEE.

CHATTANOOGA—Chattanooga Lime Co.
*Chickamauga Quarry & Construction Co.
Hassell, A. W.
Troutt, John (Cut Contractor), 1090 Market
CLEVELAND—Cleveland Monumental Co.
Cleveland Stone & Marble Co.
Southern Paving & Construction Co. (Cut)
FAYETTEVILLE—Peach, Lewis (Cut Contractor)
HUMBOLDT—Eclipse Marble Works
Gillen, Jas.
MEMPHIS—Anderson, Axfel (Contractor), 880 Bass av
Caton, Jno., 93 Commerce
Holland, J. J. (Contractor) Talbot & I. R. R.
Jenkins, Thos. (Contractor), Builders' Exch.
Kastner Cut Stone Co., Vance & Walnut
Madywell, G. R. (Contractor), 980 Isabella av
Memphis Steam Stone Works, 166 Poplar
Morriss Bros. (Cut Contractors & Saw Mills), 433 Main
NASHVILLE—Bardon, M. E. (Cut Contractors), c Mulberry & S Vine
Engelbert & Co.
Foster & Herbert Cut Stone Co.
Hardison, W. T. & Co. (Dealers)
Jordan, Wm. E. & Co. (Cut Contractors)
Oman, John & Sons (Cut Contractors), 939 S High

TEXAS.

AUSTIN—*Austin White Lime Co. (Limestone)
DALLAS—Beilharz, T. M. (Cut Contractor & Steam Saw Mill), c Pacific av & Hawkins
Davoren, R. E. & Co.
Hanway Marble & Granite Co.
Moore & Co. (Dealers), 270 Pacific av
Lindsay, David H. (Cut Contractor), B'way & Pacific av
DENISON—Chamberlain, A. P.
Devault, J. & S. A.
§Reid & Douglass
EL PASO—El Paso Ice & Refrigerator Co. (Limestone)
Moretti, John
Pioneer Marble & Granite Co.
FORT WORTH—Ft. Worth Marble & Granite Works
Hughes, David (Cut Stone & Granite)
U. S. Construction Co.
GALVESTON—Ott, Chas. S., 912 Tremont
KERRVILLE—§Richards, B. C.
MULDOON—§Kerr, A. B. (Rubble and Foundation)
SAN ANTONIO—Blank, P. C. & Co.
Teich, Frank, 618 Golaid
TEXARKANA—Smith, J. L. (Cut Contractors)

UTAH.

LOGAN—Brown, W. T. & Co.
Sommers, Nicholas (Cut Contractors)
OGDEN—Mitchell Bros. (Cut Contractors)
SALT LAKE CITY—Ashton Bros.
Ashton, Whyte & Skillicorn Co.
Johnson, C. O.
McKenzie, R.

VERMONT.

BARRE—(See Granite Producers, Workers and Dealers)
BRATTLEBORO—Gilman, G. E.
Grant, C. H.
BURLINGTON—Goodell, J. W.
HARDWICK—(See Granite Producers, Workers and Dealers)
MONTPELIER—American Granite Co.
Columbia Granite Co.
Lynch Bros.
Smith, Charles A.
Wilson, E. C. & Co.

RANDOLPH—Lamb, Austin F.
RUTLAND—Rutland Marble Mfg. Co.
ST. ALBANS—§Fonda, W. B. (Limestone)
ST. JOHNSBURY—Bennett, Osmund P.
Bragg, A. L.
WILLIAMSTOWN—Cornalli, Jno. & Son.
Grearson Becket Co.
Lynde, George W.
WINOOSKI—Graves, A. A.

VIRGINIA.

BUENA VISTA—Rockbridge Lime & Stone Co.
NEWPORT NEWS—Davis, J. L.
NORFOLK—Anthony, Arthur G.
Makinson, Allen J.
†Tidewater Quarry Co.
PETERSBURG—§Cook, Asa B.
§Walsh, C. M.
PORTSMOUTH—Ogg & Walker
RICHMOND—Gude, Joseph A., 22 W Marshall
Mason, Wm. R. (Cut Contractor), 1601 W Marshall
Netherland & Eubank, 2701 W Cary
Netherwood, Albin (Cut Contractor), Dock bet 19th & 20th
Taylor, J. M. (Cut Contractor), Oakwod av nr Cemetery
Wray, A. J., 328 S Cherry
ROCKFISH—*Southern Quarry Co.
SCHUYLER—§Virginia Soapstone Co. (Soapstone)

WASHINGTON.

SEATTLE—Riverside Stone Co., Marion Bldg
*Lucia Island Quarry Co., Mutual Life Bldg
*Tenins Stone Quarries Co., 124 Railroad av S
SPOKANE—Crystal Marble Co. (Dealers)
Smith, O. F. (Cut Contractor), 606 Monroe
U. S. Marble Co. (Dealers)

WEST VIRGINIA.

HINTON—Noel, R. E.
MARTINSBURG—*Bessemer Limestone Co.
Kantner, W. H.
*Martinsburg Limestone Co.
*Millard, E. F.
*Standard Lime & Stone Co.
ROWLESBURG—Preston Bluestone Co.
WHEELING—Hobbs Monument Co.
Moore, L. A.
Rosenberg, J. H. & Son (Contractors), 2810 Eoff

WISCONSIN.

ABLEMAN—*Gall, Wm.
APPLETON—*Grand Chute Stone Quarry
Helm, Carl
§Marston Bros. (Limestone)
AMBERG—*Amberg Granite Co.
*Pike River Granite Co.
ASHLAND—§Donald, A. & Co. (Cut Contractors)
BELOIT—§Sampe, William
§McGavock Bros.
BERLIN—*Western Consolidated Granite Co.
CEDARBURG—§Anschuetze Lime & Stone Co.
CLINTONVILLE—Melzer, William (Building & Cutter)
DUNNVILLE—§Dunnville Stone & Quarry Co.
EAU CLAIRE—*Laycock, Henry
HAMILTON—*Western Lime & Stone Co. (Crushed & Builders')
HARTFORD—Clifford & Le Count
HORTONVILE—*Hodgkins, David
HOUGHTON—Smith, W. H. (Limestone)
JANESVILLE—Shearer, James
JEFFERSON—Metzen Sons
Neis, Leonard
LA CROSSE—La Crosse Monumental Works
*La Crosse Stone Co.
*Meade & Funk
LANNON—*Davis Bros.
*Harmon, H. & Son
*Kiefer & Burg
Wallen, Frank
*Williams & Lannon
MADISON—Alford, Wm. H.
Statz, Hy.
MANITOWOC—Johnson, J. G. Co. (Dealers)
Kettenhofen, N. (Cutter)
MILWAUKEE—Andres, Fred. & Co. (Cut Contractors), Keefe av & Richards
Buboltz, Wm. (Cut Contractor), 745 Kinnikinnic av

Chicago Brick & Supply Co. (Rubble, Crushed & Curbing, etc.), 204 Grand av
General Construction Co., Galena & 31st
Hyde, Edwin (Cut Contractors), 97 Wisconsin
Lake Shore Stone Co., Herman Bldg
*Manegold, A. F. & L., 204 Grand av
Mattusch, Frank Co. (Cut Contractor), 30th nr Elm
*Menominee Falls Lannon Stone Co., 97 Wisconsin
Meyers Bros. (Cut Contractors), c E North av & Newhall
Monarch Stone Co., 204 Grand av
Schmidt, Peter & Co. (Cut Contractors), 355 E North
§Story Bros. (Limestone), 204 Grand av
*Wauwatosa Stone Co. (Limestone), 204 Grand av
§Western Lime & Cement Co., Pabst Bldg
Wilce, John (Cut Contractors), 253 Orchard
MONROE—Ryan, D. C.
NORTH MILWAUKEE—*Petzold, Emil
OSHKOSH—§Cook & Brown Lime Co. (Limestone)
*Lutz Bros.
*Prautsch, Oscar
*Repe, Chas.
Wenrich's Granite Works (Cut Stone)
RACINE—§Fox Lime & Stone Co.
Crotsenburg, W. A.
§Horlick Lime & Stone Co., on Rapids rd
O'Laughlin, John Stone Co. (Quarry & Crushed)
§Roberts, Jno. M. (Cut Contractors)
SHEBOYGAN—Scheele, Henry, Jr. (Cut Contractor)
*Sheboygan Lime Works (Lime Mfrs.)
STURGEON BAY—§Greaf & Neber (Building Stone)
§Laurie Stone Co. (Building Stone)
Leathern & Smith
SUPERIOR—Penn, Wm. & Co. (Cut Contractors)
TRAMWAY—Kirtland, E. J. (Rubble & Dimension)
UTLEY—*Western Consolidated Granite Co.
WATERLOO—*Portland Granite Co.
WAUKESHA—*Waukesha Stone & Quarry Co.
WAUWATOSA—Manegold, A. F. & L.
Zimmerman, J. C. & Son

WYOMING.

RAWLINS—*Larsen, H. (Sandstone)

Stone Renovators

Acme Stone Renovating Co., 258 W 30th, N. Y.
Anders & Wagner, 77 E 4th, New York
Auguada, P., 248 W. 39th, New York
Blanqui, Paul, 351 W 42d
Burke, John J., 1252 S 42d av, Chicago, Ill.
Cody, Martin & Son, 737 3d av, New York
Excelsior Stone Cleaning & Sand Blast Co., 62 6th av, New York
Finney, C. H. & Sons, 925 6th av, New York
FORDHAM STONE RENOVATING CO., (Granite, Marble & Brownstone Renovated & Pointed), 1123 B'way, N. Y. (See margin below)
Janny, Louis, 352 W 16th, New York
Motzel, Henry & Son, 427 E 88th, New York
National Stone Renovating Co., 503 5th av. New York
Orrigoni & Pradella, 42 W 98th, New York
Paris Stone Renovating Co., 19 Park pl, New York
Rooney Bros., 607 Amsterdam av, New York
Schneider, August, 939 1st av, New York
Smith, N. & Co., 1962 B'way, New York
Smyth, Jno., 57 E 128th, New York
Standard Stone Renovating Co., 91 Dearborn, Chicago, Ill.
Trafford, Roswell I., 516 Columbus av, New York
Zoput & Co., 150 W 63d, New York

Stone Rubbing Beds

(See also Machinery, Stone Polishing.)

Hinds, Thomas, Malone, N. Y.
Lincoln Iron Works (For Rubbing & Finishing Stone), Rutland, Vt.

Stone Saw Blades (Steel)

Carnegie Steel Co., Carnegie bldg, Pittsburg, Pa.; Penna. bldg, Phila., Pa.; The Rookery, Chicago, Ill., & 71 B'way, New York
Jones & Laughlin Steel Co. (Ltd.), 3d & Try, Pittsburg, Pa.; 220 B'way, N. Y., & 30 W Lake, Chicago, Ill.
Oldham, Joshua & Sons (Inc.), 112 26th, Brooklyn, N. Y.
Pittsburg Steel Co., 307 4th av, Pittsburg, Pa.
Republic Iron & Steel Co. Offices: 1st Nat'l Bank bldg, Chicago. District Sales Offices: Buffalo, Cleveland, Birmingham, Ala.; 64 B'way, N. Y.; St. Louis, St. Paul, Pittsburg, Pa., & Cincinnati, O.

Stone Sawing Machinery

(See Machinery, Stone Sawing.)

Stone Screenings

Bessemer Limestone Co., Youngstown, O.
Blair, Reed F. & Co. (Limestone), Frick Bldg. Pittsburg, Pa
Lewis & Talbot Stone Co., Dayton, O.
Rocky Hill Stone Storage Co., 44 Broad, N. Y.
Shanley, B. M. & J. F. Co., 14 S Broad, Phila., Pa.; Jersey City, N. J., & Newark, N. J
Walton Quarries (Fine & Coarse), Harrisburg, Pa.
Winfield Mineral Co., 421 Wood, Pittsburg, Pa.

Stone (Silicate Building)

Silicate Sone Co., 15 Wall, New York

Stone (Steven's Litholite)

Krause, Wm. & Sons, 1621 N 5th, Phila., Pa.
Litholite Stone Co., Washington, D. C.
Stipp, Peter, Scranton, Pa.

Stoners (Cherry)

Enterprise Mfg. Co. ("Enterprise"), 3d & Dauphin, Phila., Pa.
Goodell Co. (Family), Antrim, N. H.
National Novelty Corp'n ("Brighton"), 826 B'way, New York
Penn Hardware Co. ("Penn"), Reading, Pa.

Stones (Emery)

American Emery Wheel Works, 325 Waterman. Providence, R. I.
Bridgeport Safety Emery Wheel Co., Bridgeport, Conn
Norton Emery Wheel Co., Worcester, Mass.
Pike Mfg. Co., Pike Sta, N. H., & 151 Chambers, New York
Tanite Co., Stroudsburg, Pa.
Vitrified Wheel Co., Westfield, Mass.

Stones (Glass Cutters')

Pike Mfg. Co., Pike Sta, N. H., & 151 Chambers, New York

Stones (Huller & Pulp)

Independent Stone Co., Cuyahoga Bldg, Cleveland, O.

Stones (Scythe)

Chicago Wheel & Mfg. Co., 40 W Randolph, Chicago, Ill.
Independent Stone Co., Cuyahoga bldg, Cleveland, O.
Norton Emery Wheel Co. ("Norton" Emery), Worcester, Mass.
OHIO QUARRIES CO., 190 Euclid av, Cleveland, O.; 204 Dearborn, Chicago, Ill., & 949 B'way, New York. Quarries & Mills, Amherst, O.
New Albany Mfg. Co., New Albany, Ind.
Patch, F. R. Mfg. Co., Rutland, Vt.
Pelkey, W. H., Fair Haven, Vt.

Stones (Tool)

Chicago Wheel & Mfg. Co., 40 W Randolph, Chicago, Ill.
Cleveland Stone Co., Hickok bldg, Cleveland, O., & 285 Front, New York
OHIO QUARRIES CO., 190 Euclid av, Cleveland, O.; 204 Dearborn, Chicago, Ill., & 949 B'way, New York. Quarries & Mills, Bedford, Ind.
Pike Mfg. Co., Pike Sta, N. H., & 151 Chambers, New York

Stools (Adjustable)

American School Furniture Co., 21 W 18th, New York
Chandler Adjustable Chair & Desk Co., 165 Devonshire, Boston, Mass.
Milner, A. R. Seating Co., Canal Dover, O.

Stools (Store)

Bethlehem Foundry & Machine Co. (Bracket, Pedestal, etc.), South Bethlehem, Pa.

Stoppers (Bath & Basin)

Wolverine Brass Works, Grand Rapids, Mich.

Stoppers (Flue)

Birkmayer & Rodemich Bros., 408 Summit, Toledo, O.

Stoppers & Nozzles (Ladle)

Seidel, R. B. (Inc.). For Open Hearth & Bessemer Ladles), 1334 Callowhill, Phila., Pa.

Stops (Automatic Train)

Barberie Locomotive Appliance Co., 13 Park Row, New York

Storage Batteries

(See Batteries, Storage.)

Store Display Stands

Crosby & Poole Co., Port Huron, Mich.

Store Front Construction (Patent)

COULSON, J. W. & CO., Columbus, O. (See adv. index, end of book)

Store Fronts (Bronze)

COULSON, J. W. & CO. (Also Brass), Columbus, O. (See adv. index, end of book)
WINSLOW BROS. CO., Main Office & Works, 368 Carroll av, Chicago, Ill.; 160 5th av, New York; 326 4th av, Pittsburg, Pa.; Colonial Trust bldg, St. Louis, Mo.; Hennen bldg, New Orleans, La.; 121 New Montgomery, San Francisco, Cal., & Andrews bldg, Minneapolis, Minn. (See adv. index, end of book)

Store Fronts (Cast Iron)

(See Firms in Iron Architectural & Ornamental marked with a star)

Fordham Stone Renovating Co.

Stone and Brick Buildings, Cleaned, Repaired, Painted
Office, 1123 Broadway, NEW YORK.
Tel. 371 Mad. Sq.
Established 1883

Store Fronts (Galvanized Iron)

Berghofer & Ohnemus, Quincy, Ill.
Chattanooga Steel Roofing Co., Chattanooga, Tenn.
DROUVE, G. CO., 28 Clinton, Bridgeport, Conn. (See adv. index, end of book)
Edwards Mfg. Co., Cincinnati, O.
Freund, Jacob Roofing Co., Mitchell av & B & O. S. W. Ry. nati, O.
Gallagher, D. F. & Co., 277 Commercial, Boston, Mass.
Gara, McGinley & Co., 23 S 17th, Phila., Pa.
Henson, Robinson Co., Springfield, Ill.
Mesker, Geo. L. & Co., Evansville, Ind.
Mesker & Bro., 421 S 6th, St. Louis, Mo.
MILWAUKEE CORRUGATING CO., Milwaukee, Wis. (See adv. index, end of book)
Mullins, W. H., Salem, O.
Ritzler, J. A. Cornice & Ornament Co., 600 W 5th, Kansas City, Mo.
St. Paul Roofing, Cornice & Ornament Co., St. Paul, Minn., & Baltimore, Md.
Siddons, John Co., Rochester, N. Y.
THORN, J. S. CO., 1227 Callowhill, Phila., Pa. (See adv. index, end of book)
Wilmington Cornice Works, c 11th & West, Wilmington, Del.
Witt Cornice Co., B'way & 8th, Cincinnati, O.

Store Fronts & Show Windows (Glass)

Crane Glass & Mfg. Co. (All Glass), Cleveland, O., & 341 Hudson, New York

Store & Bar Fixtures

Abbott Mfg. Co., St. Paul, Minn.
Becker, L. A. & Co. (Drug Store, etc.), 89 Franklin, Chicago, Ill.
Bloom, Alfred Co., 1502 California, Omaha, Neb.
Buffington, I. T., Elizabethville, Pa.
Burge-Huck Mfg. Co., Quincy, Ill.
Bush, Jas. S. (Office & Store), 176 B'way, N. Y.
Capitol City Furniture Co. (Bank, Store, Bar, Church, etc.), 639 Jackson, St. Paul, Minn.
Carsley Mfg. Co., 74 Churchall, Chicago, Ill.
Cedar Valley Mfg. Co. (Bank, Office & Store), Waterloo, Ia.
Chicago Store & Office Furniture Co., c Polk & Canal, Chicago, Ill.
Cleveland Store Fixture Co., 302 Seneca, Cleveland, Ohio
Columbus Bar Fixture Co., Columbus, O.
Dean, C. P., 10 Governor, Richmond, Va.
Fischer Bros., 150 Bank, New York
Folding Bath Tub Co., Marshall, Mich.
Gray Mfg. Co., Muskegon, Mich.
Great Western Cabinet Works, 2025 Harrison, Kansas City, Mo.
Herdman Sash, Door & Lumber Co., Zanesville, Ohio
Herrick Refrigerator & Mfg. Co., 4th & Oakland av, Kansas City Kans.
Holm's Pattern & Model Works, 116 1st av, N Minneapolis, Minn.
Houston Cabinet & Fixture Co., Houston, Tex.
Jamestown Mantel Co., Jamestown, N. Y., & 884 Columbus av, New York
Keenan & Hyland Mfg. Co., 184 Washington, Chicago
Kelly Bros. Co., 5336 Armour av, Chicago
Kleeman, Wm. & Co., 619 W 54th, New York
Kloak Bros. & Co., c Pearl & Elm, Cincinnati, Ohio
Kurtz Bros., South Bethlehem, Pa.
Loeper, Anton, Ashland, Pa.
Mansfield, R. & Son, 313 E Main, Louisville, Ky.
Marshall, J. O. & Son, Lynn, Mass.
Mason City Mfg. Co., Mason City, Ia.
Nalle & Co., Austin, Tex.
National Office Furniture & Supply Co., 921 F, N W, Washington, D. C.
Nauman Co. (Bank, Drug & Store), Waterloo, Ia.
New York Store Fixture Co., 148 Bank, N. Y.
Phoenix Furniture Co., Eau Claire, Wis.
Quincy Show Case Works, Quincy, Ill.
Reeber's, J. Sons, 409 E 107th, New York
Revell, Alex. H. & Co., c Wabash av & Adams, Chicago, Ill.
Roach & Musser Sash & Door Co., Muscatine, Iowa
Rock Island Stair Works, Rock Island, Ill.
St. Louis Bank Fixture Co., Lincoln Trust Bldg, St. Louis, Mo.
Sayre-Newton Lumber Co., 23d & Blake, Denver, Col.
Segelke & Kohlhaus Mfg. Co., La Crosse, Wis.
Sieburg, Chas., 211 Wooster, New York
Sorensen, O. J., La Crosse, Wis.
Spalt, Geo., 904 B'way, Albany, N. Y.
Staudte & Reuckoldt Mfg. Co., Soulard c De Kalb, St. Louis, Mo.
STEARNS, A. T. LUMBER CO., Neponset & 166 Devonshire, Boston, Mass. (See adv. index, end of book)
Stevens, Benj. A., Toledo, O.
Warren, Wm. H. Mfg. Co., c Blackhawk & Smith av, Chicago
Weaver, Dan'l & Son, Tamaqua, Pa.
Whitcomb Cabinet Co., Kansas City, Mo.
Winter, M. Lumber Co., Sheboygan, Wis.
Wollaeger Mfg. Co., 636 N Water, Milwaukee, Wis.
Worn, William & Co., 69 George, Brooklyn, N.Y.

Stove Boards

Sweeney, W. H. Mfg. Co. (Embossed White Metal), 66 Water, Brooklyn, N. Y.
Wabash Screen Door Co., 204 Dearborn, Chicago, Ill.

Stove Linings

Akron Fire Brick Co., Akron, O.
Brooklyn Fire Brick Works, 88 Van Dyke, Brooklyn, N. Y.
Fox, E. S. & Co., Reading, Pa.
French & Winslow, Taunton, Mass.
Garfield Fire Clay Co., Bolivar, Pa.
Hall & Sons, 69 Tonawanda, Buffalo, N. Y.
Kiesel Fire Brick Co., Rochester, N. H.
McLeod & Henry Co., Troy, N. Y.
Newton-Perkins Fire Brick Co., Albany, N. Y.
Peekskill Fire Brick Works, Peekskill, N. Y.
Presbrey Stove Lining Co., Taunton, Mass.
Rutland Fire Clay Co. (Plastic), Rutland, Vt.
Sweeney, Geo. & Co., 1334 Ridge av, Phila., Pa.
Taunton Stove Lining Co., Taunton, Mass.
Union Stove Lining Co., Taunton, Mass.
Wakefield Fire Brick Co., Northeast, Md.
Williams Stove Lining Co., Taunton, Mass.

Stove Manufacturers

ALABAMA.

AVONDALE—Avondale Stove & Fdy. Co.
BIRMINGHAM—Standard Stove Wks.
BRIDGEPORT—Gunter Stove Works
FLORENCE—Florence Stove Works.
GADSDEN—Agricola & Jones Mfg. Co.
SHEFFIELD—Lowman, Lizzie Stove Works
Sheffield Stove & Fdy. Co.

CALIFORNIA.

SAN FRANCISCO—Graham, Jas. Mfg. Co. (Stoves & Ranges)

CONNECTICUT.

NORWICH—Kelley-Richmond Co. (Stoves, Ranges & Furnaces)
STAMFORD—Stamford Fdy. Co. (Parlor, Store, Factory & Laundry)
Stamford Gas Stove Co. (Stoves, Ranges & Furnaces, etc.)

GEORGIA.

ATLANTA—Atlanta Stove Wks.
ROME—Bowie Stove Co.
Southern Co-Operative Fdy. Co.

ILLINOIS.

AURORA—Rathbone, Sard & Co.
BELLEVILLE—Belleville Stove Wks.
Snyder & Baker Stove Co.
BLOOMINGTON—Bloomington Stove Co.
Co-Operative Stove Co.
CHARLESTON—Charleston Foundry Co.
CHICAGO—Chicago Stove Works, Blue Island av & 22d
Allingham Stove Works, 2323 Wabash av
Cole Mfg. Co., 3218 S Western av boul
Cox, Abram Stove Co. (of Phila., Pa.), 15-19 W Lake
Criben & Sexton Co., 50 Erie
Detroit Stove Works (of Detroit, Mich.), 2921 Lasalle
Fuller-Warren Co., 86 Lake, Chicago, Ill.
Home Stove Works, W 18th pl c S Rockwell
Michigan Stove Co. (of Detroit, Mich.), 256 S Clinton
Mudd Mfg. Co., Hanson P. K., Chicago, Ill.
Peninsula Stove Co. (of Detroit, Mich.), 162 W Van Buren
Reading Stove Wks. (of Reading, Pa.), 159 S Jefferson
CHICAGO HEIGHTS—Bonnett-Nance Stove Co. (Stoves, Iron & Steel Ranges, Base Burners & Wood & Coal Heaters, etc.)
JOLIET—Joliet Stove Works
MARENGO—Collins & Burgie Stove Co.
NEW ATHENS—New Athens Fdy. Co.
PEORIA—Culter & Proctor Stove Co.
Western Stove Works
QUINCY—Channon-Emery Stove Co.
Comstock-Castle Stove Co.
Excelsior Stove & Mfg. Co.
Gem City Stove Mfg. Co.
Quincy Fdy. & Novelty Co.
Quincy Stove & Mfg. Co.
Sheridan Stove Mfg. Co.
White, Thos. Stove Co.
ROCK ISLAND—Rock Island Stove Co.

INDIANA.

DALEVALE—Ideal Stove & Fdy. Co.
EVANSVILLE—Evansville Fdy. Assn. (Stoves, Ranges, Hollow Ware & Castings)
Evansville Stove Works (Stoves & Hollow Ware)
Indiana Stove Works
Southern Stove Works (Stoves & Ranges)
INDIANAPOLIS—Home Stove Co., 117 S Meridian
Indianapolis Stove Co., Rosevelt, Columbia av
MARION—Home Pride Range Co.
Marion Stove Co.
SOUTH BEND—Malleable Steel Range Co.
VINCENNES—Star Shovel & Range Co.

IOWA.

KEOKUK—American Stove & Range Co.

KANSAS.

LEAVENWORTH—Great Western Stove Co.

KENTUCKY.

AUGUSTA—Huenefeld, E. H. (of Cincinnati, O.)
COVINGTON—Bogenshutz, C. Stove Co.
LOUISVILLE—Bridgeford & Co., 1953 Portland
Fischer-Leaf Co. (Stoves & Ranges)
Foster Stove Co., 1438 High
Graff-Webb Iron Mfg. Co., 1600 Magazine
Kentucky Stove Co., 1401 Delaware
Lithgow Mfg. Co., 630 E Main
O. K. Stove & Range Co. (Stoves, Ranges, etc.), 238 W Main
Stratton & Terstegge, 728 W Main
OWENSBORO—Gunther, Harry & Bro. (Heavy Cast Iron Heating)

MAINE.

BANGOR—Noyes & Nutter Mfg. Co.
Wood & Bishop Co.
PORTLAND—Portland Stove Fdy. Co. (Stoves, Ranges, etc.)

MARYLAND.

BALTIMORE—Bibb, B. C. Stove Co., 103 Light
Greenmount Stove & Mfg. Co., 883 Greenmount av
Leibrandt & McDowell Stove Co., 25 E Pratt
Sexton, S. B. & Sons, 7 S Gay
Sheppard, Isaac A. & Co., 21 N Liberty
Weiskettle, A. & Son, c Wash & Aliceanna
PERRYVILLE—Armstrong Stove & Mfg. Co.

MASSACHUSETTS.

BOSTON—Bartlett, Hayward & Co., Continental bldg
Chilson Furnace Co. (Furnaces, Ranges & Stoves), 88 Wash'n
Highland Fdy. Co., 1341 Columbus av

Magee Furnace Co., 36 Union
Smith & Anthony Co., 48 Union
Walker & Pratt Mfg. Co. (Furnaces, Ranges & Stoves), 31 Union
NORTH DIGHTON—Dighton Furnace Co.
N Dighton Co-Operative Stove Co.
OTTER RIVER—Lord Stone & Co.
PLYMOUTH—Plymouth Stove Fdy. Co.
SOMERSET—Somerset Stove Co.
TAUNTON—New England Stove Co.
Thomas, Oscar G.
Weir Stove Co.
White-Warner Co.

MICHIGAN.

BIG RAPIDS—Michigan Heater Co. (Stoves, Ranges & Parlor Furnaces)
DETROIT—Art Stove Co., 1545 Russell
Briscoe Mfg. Co. ("O-Rib-O" Air Tight), 1427 Woodward av
Detroit Stove Wks. (Cooking & Heating for Gas, Wood & Coal), 1320 Jeff'n av
Michigan Stove Co., 1022 Jeff av
Peninsula Stove Co., Fort & W 10th
Sun Stove Co. (Gas, Oil & Gasoline), 1305 Bellevue av
DOWAGIAC—Beckwith, P. D. (Est. of)
KALAMAZOO—Kalamazoo Stove Co.
LANSING—Bement & Sons
LAPEER—Bostick, A. & Son

MINNESOTA.

MINNEAPOLIS—Northwestern Stove Co., 312 Hennepin av
SHAKOPEE—Minnesota Stove Co.

MISSOURI.

HANNIBAL—Duffy-Trowbridge Stove Co.
ST. LOUIS—American Stove Co., 414 N 6th
Bridge & Beach Mfg. Co., 501 S Main
Buck's Stove & Range Co., 3500 N 2d
Charter Oak Stove & Range Co., 1440 N Main
Hagey Stove Co., 701 N Main

NEW HAMPSHIRE.

CONCORD—Ford, Wm. P. & Sons

NEW JERSEY.

DOVER—Richardson & Boynton Stove Co.
NEWARK—Thatcher Furnace Co. (Stoves & Ranges, Portable & Stationary)
PHILLIPSBURG—Atlantic Foundry

NEW YORK.

ALBANY—Albany Fdy. Co.
Littlefield Stove Co., No Pearl & Pleasant
Rathbone, Sard & Co., No Ferry
Van Wormer, J. & Co.
AMENIA—Fry, B. H.
BUFFALO—Jewett & Co., 32 Mississippi
CORNING—Corning Stove Co.
CORTLAND—Cortland Home Ventilating Stove Co
FRIENDSHIP—Drake Hdw. Co. (Stoves & Dairy Goods)
GENEVA—Phillips & Clark Stove Co.
Summit Fdy. Co.
MANLIUS—Cheney, S. & Son
NEW YORK—Abendroth Bros., 109 Beekman
Barstow Stove Co., 210 Water
Boynton Furnace Co., 207 Water
Graff Furnace Co., 208 Water
Mott, J. L. Iron Works, 88 Beekman
Munsell & Co., 218 Water
Richardson Stove Co., 21 Park Row
Richardson & Boynton Co., 234 Water
Richardson & Morgan Co., 92 Beekman
Rossmore Stove Co., 247 & 249 Water
Thatcher Furnace Co. (Stoves & Ranges, Portable & Stationary), 240 Water
PEEKSKILL—Crane, Wm. M. & Co.
New York Stove Works
Southard, Robertson & Co.
Union Stove Works (Furnaces, Ranges, Heaters, etc.)
PORT JERVIS—Swinton & Co.
ROCHESTER—Co-Operative Fdy. Co.
Galusha Stove Co.
Sill Stove Works
SYRACUSE—Syracuse Stove Works
TROY—Burdett-Smith & Co.
Empire Stove Co.
Fuller & Warren Co.
Gold Coin Stove Co.
UTICA—Giblin & Co. (Stoves & Ranges)
International Heater Co. (Furnaces & Ranges)
Phoenix Iron Works, 181 Blandina
WEST TROY—West Side Fdy. Co.

NORTH CAROLINA.

GREENSBORO—Glascock, G. T. & Sons (Cooking & Heating)

OHIO.

AKRON—Taplin, Rice & Co. (Climax Stoves & Ranges)
BELLAIRE—Bellaire Stove Co.
CINCINNATI—Huenefeld, E. H. (also Ranges), 225 E 9th
Klaine, F. A. & Co., Front & Central av
Knecht, Victor, 819 Wade
Miller, Wm. Range & Fur. Co., 125 E 5th
Resor, Wm. & Co., c H. & D. Ry nr Gest
Schulte, Jno. A. & Co., 2619 Colerain av
CLEVELAND—Cleveland Co-Op. Stove Co., 1230 Central av
COLUMBUS—Emrich, C.
Hertenstein, M. & Co.
Pioneer Stove Co.
DAYTON—Gem City Stove Co.
Kinsey Mfg. Co.
GALLIPOLIS—Kling Stove Co.
Thompson & Francis Stove Co.
Treasure Stove Co.
SHELBY—Shelby Stove & Mfg. Co.
HAMILTON—Kahn, F. & L. & Bros.
HILLSBORO—Bell, C. S. Co. (Heavy Heating & Caboose)
IRONTON—Foster Stove Co.
MANSFIELD—Baxter Stove Co.
Eclipse Stove Co. (Stoves & Ranges)
MARIETTA—Marietta Mfg. Co.
Nye, A. T. & Son Co.
MARTIN'S FERRY—Spence-Baggs Stove Co.
MASSILON—Hess, Snyder Co. (Heating & Cooking)
NEWARK—Central City Stove Works
Wehrle Co. (Stoves & Ranges)
PIQUA—Favorite Stove & Range Co.
PORTSMOUTH—Neill Stove Mfg. Co.
Ohio Stove Co.
Portsmouth Stove & Range Co.
SALEM—Victor Stove Co.
Woodruff, J. & Sons (Stoves & Ranges)
SHELBY—Shelby Stove & Mfg. Co.
SPRINGFIELD—Mentels, Theo., Progress Furnace & Stove Co.
TOLEDO—Toledo Stove Co.
YOUNGSTOWN—Youngstown Stove & Range Co.
ZANESVILLE—Jones, Chas. H.
Union Foundry Stove Co.

OREGON.

PORTLAND—Air Tight Stove Mfg. Co., 312 1st
SALEM—Loewenberg & Going Co.

PENNSYLVANIA.

ALLEGHENY—Pittsburg Stove & Range Co., Robinson c Darragh
BEAVER FALLS—Howard Stove Co.
CANONSBURG—Simpson Stove Mfg. Co.
COLUMBIA—Keeley Stove Co.
CONSHOHOCKEN—Messinger's, H. C. Sons
DANVILLE—Danville Stove & Mfg. Co.
ERIE—Germer Stove Co.
South Erie Iron Works
LEBANON—Lebanon Stove Works
LEHIGHTON—Lehigh Stove & Mfg. Co.
MIDDLETOWN—Raymond Mfg. Co.
PHILADELPHIA—Cox, Abram Stove Co., American c Dauphin
Danville Stove & Mfg. Co., 107 N 2d
Dilley, Caskey & Co., 6th c Berks
Hellman, A. Stove Co., York cor Thompson
Leibrandt & McDowell Stove Co., E Girard av c Norris
Liberty Stove Co., 114 N 2d
Phila. Stove & Iron Foundry Co. (Furnaces, Stoves & Ranges), 1631 N 5th
Sheppard, I. A. & Co., 4th c Montgomery av
Thomas, Roberts, Stevenson & Co., 24 S 7th
PITTSBURG—Bartlett Furnace & Range Co., 715 Liberty av
PITTSTON—Pittston Stove Co.
POTTSTOWN—March-Brownback & Co.
QUAKERTOWN—Roberts, Winner & Co.
READING—Mt. Penn Stove Co.
Orr, Painter & Co. ("Sunshine," Stoves, Ranges & Heaters)
Prizer-Painter Stove & Heater Co.
ROCHESTER—Olive Stove Works
ROYERSFORD—Buckwalter Stove Co.
Floyd, Wells & Co.
Grander Stove Co. (Stoves, Portable & Brick Set Ranges, Heaters & Furnaces)
SCRANTON—Scranton Stove Works
SPRING CITY—Yaeger-Hunter Spring City Stove Works
YORK—Broomell, Schmidt, Steacy & Co., Inc. (Heating Cook House, Heating from Kitchen Fire)

RHODE ISLAND.

PROVIDENCE—Barstow Stove Co.

TENNESSEE.

CHATTANOOGA—Chattanooga Stove Co.
Mountain City Stove Mfg. Co.
CLEVELAND—Hardwick Stove Co.
KNOXVILLE—Fair Fdy. Co.
MEMPHIS—Wetter, H. Mfg. Co. (Stoves, Ranges, etc.) Works, South Pittsburg, Tenn.
White, John & Son, 645 Dunlap av
NASHVILLE—Phillips & Buttorff Mfg. Co.
S PITTSBURG—Blacklock Fdy. Co.
Wetter, H. Mfg. Co.

VIRGINIA.

NORFOLK—Columbia Stove Co.
RICHMOND—Richmond Stove Co.
Southern Stove Works
WAYNESBORO—Loth, W. J. Stove Co.

WEST VIRGINIA.

HUNTINGDON—Huntingdon Stove & Foundry Co.
WHEELING—Wheeling Stove & Range Co.

WISCONSIN.

MILWAUKEE—Brand Stove Co., 295 6th
Fuller-Warren Co., 32d c Wright
Lindemann, A. J. & Hoverson Co., 348 Florida
Lindemann, J. P. & Sons, 78 Water
Milwaukee Stove & Foundry Co., 130 W Water
NEENAH—Bergstrom Bros.

Stove Manufacturers of CANADA.

BRANTFORD—Buck, W. Stove Co.
BROCKVILLE—Smart, James Mfg. Co.
CARLETON PLACE—Finlay Bros.
GUELPH—Griffin, Thos.
HAMILTON—Bowes, Jamieson & Co.
Burrows, Stewart & Milne
Gurney, Tilden & Co.
McClary Mfg. Co.
Moore, D. & Co.
KINGSTON—Chown, Edwin & Son
LONDON—McClary Mfg. Co.
MONCTON, N. B.—Record Fdy. & Mach. Co.
MONTREAL—Clendenning, S.
Ives, H. R. & Co.
PRESTON—Clare Bros.
SARNIA—Doherty Mfg. Co.
SMITH'S FALLS—Frost & Wod Co.
TORONTO—Gurney-Tilden Co.
WESTON—Moffat Stove Co.

Stove Mats

Alliance Asbestos Mfg. Co. (Asbestos), Alliance, O.

Stove Pipe & Elbow Mfrs.

Cannonsburg Iron & Steel Co., 421 Wood, Pittsburg, Pa.
Chattanooga Roofing & Fdry. Co., Chattanooga, Tenn.
Dover Stamping & Mfg. Co., Cambridge, Mass.
Edwards Mfg. Co. (Nested), Cincinnati, O.
Geuber & Paeschke Mfg. Co., Milwaukee, Wis.
Grinberg Bros., 154 South, N. Y.
International Heater Co., Utica, N. Y.
Pfeifer, Jno. & Co., 222 Race, Phila., Pa.
Reeves Mfg. Co., Canal Dover, O.
Sheet Metal Mfg. Co., Niles, O.
Shepard, Sidney & Co., Buffalo, N. Y.
Thomas & Fenton, Mahanoy City, Pa.
Troy Stamping Works, Troy, N. Y.
Wheeling Corrugating Co., Wheeling, W. Va.; 47 Cliff, New York; 45 Lake, Chicago, Ill.; 132 Pearl, Boston, Mass.; 402 Race, Phila., Pa., 12th & Poplar, St. Louis, Mo., & Chattanooga, Tenn.
Winfield Mfg. Co., Warren, O.
Wods-Everiz Stove Co., Springfield, Mo.

Stove Polish

Aluminine Paint & Polish Co. ("Aluminine" & "Black-Cat"), Chicago, Ill.
ATLAS PAINT CO. (Ltd.), 2638 Liberty av, Pittsburg, Pa. (See adv. index, end of book)
Cambria Paint & Color Co. (Ltd.) ("Sherman's" Liquid), Johnstown, Pa.
Rath Mfg. Co. ("Imperial"), 2nd, Hancock & Laural, Phila., Pa.

Stove Trimmings

American Tube & Stamping Co. (Nickel-Plated Steel Stove Edge), Bridgeport, Conn.
Burdick & Son (Specialties), Albany, N. Y.
Dary, Marcus A., Taunton, Mass.
Gaitley, Jno. E., Troy Nickel Works (The "Alaska"), Albany, N. Y.
Hubbell, Harvey, Bridgeport, Conn
Ireland & Matthews Mfg. Co. (In All Metals). Detroit, Mich.
Matthews Mfg. Co., Worcester, Mass.
N. Y. Nickel Plating & Mfg. Co., 73 Watts, N. Y.
Troy Nickel Works (Jno. E. Gaitley, Prop.) ("Alaska"), Albany, N. Y.
Worcester Pressed Steel Co. (Brass & Steel), Worcester, Mass.

Stoves (Acetylene)

Harris, J. Co. (Also Ranges), Cleveland, O.

Stoves (Brass Founders' Drying)

Brass Founders Supply Co., Newark, N. J.

Stoves (Caboose)

Bell,, C. S. Co. (Also Heavy Heating), Hillsboro. Ohio
BUDA FOUNDRY & MFG. CO. ("Volcano" & "Lewis"), Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
Michigan Stove Co., Detroit, Mich.
Pittsburg Stove & Range Co., Pittsburg, Pa.

Stoves (Car)

BUDA FOUNDRY & MFG. CO. ("Volcano," "Lewis," "Giant," Car-Way Caboose & Station), Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
McGuire Mfg. Co., 122 N Sangamon, Chicago
Michigan Stove Co., Detroit, Mich.
Peninsular Stove Co., Detroit, Mich.

Stoves (Coke)

Eagle Iron Works (Inc.), 850 DeKalb av, Brooklyn, N. Y.

Stoves (Confectioners')

Mt. Penn Stove Works, Reading, Pa., & 111 N 2d, Philadelphia, Pa.
White, Chas. H. & Co., (Gas or Coal), 22 Bowker, Boston, Mass.

Stoves (Gasoline)

American Stove Co. ("Quick Meal"), 414 N 6th, St. Louis, Mo.; 72 Lake, Chicago, & 356 4th av, N. Y.
Champion Funding & Foundry Co., Burlington, Ia.
Clark, Geo. A. & Co. (The Jewell), 72 Lake. Chicago
Cook Mfg. Co., Albion, Mich.
Kinsey Mfg. Co., Dayton, O.
Schneider & Trenkamp Co., 479 Case av, Cleveland, O., & 62 S Canal, Chicago
Sun Vapor Stove Mfg. Co., Detroit, Mich.
Toledo Cooker Co., ("Ideal"), Toledo, O.

Stoves, Heaters & Ranges (Gas)

Abendroth Bros. Corp. (Stoves & Ranges), 109 Beekman, N. Y.
Acme Sheet Metal Co. (Leader), Martins Ferry, O.
American Stove Co. (Quick Comfort Heaters & "Jewell" Stoves), 72 Lake, Chicago, Ill.; 414 6th, St. Louis, Mo., & 356 4th av, N. Y.
Bartlett, J. C. Co., Pittsburg, Pa., & West Newton, Pa.
Bryan Mfg. Co. ("Bryan"), 1900 F'k'd av, Baltimore, Md.
Central Oil & Gas Stove Co. ("Radiant"), 241 26th, Chicago & Gardner, Mass.
Challenge Mfg. Co. (Stoves & Ranges), South Norwalk, Conn.
Clark, Geo. M. & Co. ("Jewel"), 72 Lake, Chicago, Ill.
Cleveland Foundry Co. (Stoves & Ranges), 63 Platt, Cleveland, O.
Cort, J. H. & Son, New York City
Crane, Wm. M. Co. (Stoves, Heaters & Ranges), 1131 B'way, N. Y.
Criterion Gas Stove Mfg. Co. (Inc.), 445 G'wich, N. Y.
Dangler Stove & Mfg. Co. ("Gem"), 365 Perkins av, Cleveland, O.
Detroit Heating & Lighting Co. (Stoves & Ranges), 355 Wight, Detroit, Mich.
Detroit Stove Works (Stoves & Ranges), Detroit, Mich.
Eclipse Gas Stove Co., Rockford, Ill.
Economy Gas Stove Co., Kalamazoo, Mich.
Elk Heater Mfg. Co. ("Elk Royal," Natural Gas), Columbus, O.
Eriez Stove & Mfg. Co., Erie, Pa.
Gilbert & Barker Mfg. Co. (Astral), Springfield, Mass.; 82 John, New York; 51 Union, Boston, Mass., & 12 N 7th, Phila., Pa.
Goldstein, Jos., 323 Pearl, N. Y.
Griswold Mfg. Co. (Classic), Erie, Pa.
Ideal Mfg. Co. (Ranges), 546 Franklin, Detroit, Mich.
Johnson Machine Co.. Uniontown, Pa.
Kahn, F. & L. & Bros. ("Charmer" & "Comfort"), Hamilton, O.
Kinsey Mfg. Co., Dayton, O.
Klingelhoffer, Wm. & Co. ("Perfect"), 1428 5th av, Pittsburg, Pa.
Manhattan Gas Heating Co. ("Manhattan"), 903 7th av, N. Y.
Maryland Foundry Co. (A. Weiskittle & Son, Prop'rs), Baltimore, Md.
Maryland Meter Co., 229 North, Baltimore, Md.; Chicago, & San Francisco, Cal.
Michigan Stove Co., Detroit, Mich.
Milwaukee, Gas Stove Co., 139 Burrell ("Perfection"), Open Grate & Heaters), Milwaukee, Wis.
Munsell, Eugene & Co., 218 Water, N. Y.
National Light & Heating Co. (Stoves, etc.), Freeport, O.
New Method Co. (For Natural Gas Heating & Cooking), Mansfield, O.
New York Gas Stove Works, 243 Water, N. Y.
Novelty Mfg. Co. (Stoves, Heaters, etc.), Jackson, Mich.
Odin Stove Mfg. Co., Erie, Pa.
Peerless Stove & Range Co., Columbus, O.
Phillips Gas Stove Works, 420 E 8th, Cincinnati, O.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Progress Furnace Co., Springfield, O.
Rund Mfg. Co., 307 Wood, Pittsburg, Pa.
Schneider & Trenkamp Co. ("The Reliable"), 479 Case av, Cleveland, O., & 62 S Canal, Chicago
Stamford Gas Stove Co., Stamford, Conn.
Standard Lighting Co., Cleveland, O.
Stephenson Mfg. Co. ("Zenith" Ranges), Allegheny, Pa.
Thomas-Roberts-Stevenson Co., 24 S 7th, Phila., Pa., & 252 Water, New York
Union Stove Works ("Astor" Radiator"), 70 Beekman, N. Y., & Peekskill, N. Y.
Vogel, Wm. & Bros. (Stoves only), 37 S 9th, Brooklyn, N. Y.
Weiskittle & Son ("Fire King" Gas Radiator), Aliceanna & Wash'n, Baltimore, Md.
Yale Gas Stove Co., New Haven, Conn.

Stoves (Laundry)

Crane, W. M. Co., 1133 B'way, New York
Detroit Stove Works ("Paragon"), Detroit, Mich
Eclipse Stove Co., Mansfield, O.
Fischer, Wm. G. Mfg. Co., 109 Church pl, Cincinnati, O.
Illinois Malleable Iron Co. ("Imico" Heater), 30 W Monroe, Chicago, Ill.
Kelley-Richmond Co., Norwich, Conn.
Malleable Steel Range Mfg. Co., South Bend, Ind.
Michigan Stove Co., Detroit, Mich.
Miller, Wm. Range & Furnace Co., 125 E 5th, Cincinnati, O.
Novelty Iron Co. ("Our Own," "Chicago"), Canton, O.
Schneider & Trenkamp Co., 479 Case av, Cleveland, O., & 62 S Canal. Chicago
Stephenson Mfg. Co. ("Zenith"), Allegheny, Pa.
Walker & Pratt Mfg. Co. ("Vulcan," "Perfect,"), 33 Union, Boston, Mass.

Stoves (Masons')

DROUVE, G. CO., 40 Tulip, Bridgeport, Conn. (See adv. index, end of book)

Stoves (Oil)

(See Stoves & Heaters, Oil.)

Stoves (Plasterers')

DROUVE, G. CO., 40 Tulip, Bridgeport, Conn. (See adv. index, end of book)
Eagle Iron Works (Inc.), 850 DeKalb av, Brooklyn, N. Y.

Stoves & Heaters (Oil)

American Stove Co. ("Quick Meal"), 444 6th St. Louis, Mo.
Barler, A. C. Mfg. Co. ("Ideal"), 104 Lake, Chicago, Ill.
BRADLEY & HUBBARD MFG. CO. ("B. & H."), Meriden, Conn. (See adv. index, end of book)
Central Oil & Gas Stove Co. ("Parlor Dome & Florence Lighthouse, Wickless Blue Flame"), 241 26th, Chicago & Gardner, Mass.
Cleveland Foundry Co. ("Puritan" Cooking & Heating), 63 Platt, Cleveland, O.
Coldwater Oil Stove Co., Coldwater, Mich.
Dangler Stove & Mfg. Co., 365 Perkins av, Cleveland, O.
Electric Oil Stove Co. ("Electric"), Jackson, Mich.
Glazier Stove Co., Chelsea, Mich.
Goldstein, Jos., 323 Pearl, N. Y.
Griswold Mfg. Co., Erie, Pa.
Hydrocarbon Burner Co. (Khotal), 197 Fulton, N. Y.

Kinne Mfg. Co. ("Perfection"), 1124 S 2d, Minneapolis, Minn.
Kinsey Mfg. Co., Dayton, O.
Manhattan Brass Co., 338 E 28th, N. Y.
Maryland Foundry Co. ("The King") (A. Weiskittle & Son, Prop'rs), Baltimore, Md.
Michigan Hardware Mfg. Co. ("Blue Flame" Oil Stoves), Grand Rapids, Mich.
Miller, Edw. & Co. ("Miller"), 28 W B'way, New York & Meriden, Conn.
National Stove Co. (of American Stove Co.), Lorain, O.
New York Gas Stove Works (The King), 243 Water, N. Y.
Novelty Mfg. Co. (Aluminum Oil Heaters), Jackson, Mich.
Page Bros. & Co. ("Beauty"), 227 Cambridge, Boston, Mass.
Plume & Atwood Mfg. Co. ("Banner"), Waterbury, Conn.; 199 Lake, Chicago, Ill., & 29 Murray, N. Y.
Rochester Lamp Co. ("Rochester"), 38 Park pl, N. Y.
Rose, C. G. (Stoves), Jeffersonville, Ind.
Schneider & Trenkamp Co. ("The Reliable"), 479 Case av, Cleveland, O., & 62 S Canal, Chicago
Standard Lighting Co. ("New Process"), 16 Perkins, Cleveland, O.
Toledo Cooker Co. ("Ideal"), Toledo, O.
Weiskittle, A. & Son ("Fire King"), Alice-anna & Wash'n, Baltimore, Md.

Stoves & Ranges (Gas)

(See Stoves & Heaters & Ranges, Gas.)

Stoves & Ranges (Vapor)

Michigan Vapor Stove Co., Grand Rapids, Mich.
Schneider & Trenkamp Co., Cleveland, O., & 62 S Canal, Chicago
Vogle, Wm. & Bros. (Stove only), 37 S 9th, Brooklyn, N. Y.

Straddler for Embedding Tie Plates

Pittsburg Tool & Drop Forge Co. ("Cheswick"), Arrott bldg, Pittsburg, Pa.; Works, Cheswick, Pa.

Straight Edges

Athol Machine Co., Athol, Mass.
Atkins, E. C. & Co., 402 S Illinois, Indianapolis, Ind.
Baldwin, Tuthill & Bolton, Grand Rapids, Mich
Brown & Sharpe Mfg. Co. (Cast Iron & Steel), Providence, R. I.
Campbell, Peter F., 51 Laurel, Phila., Pa.
Disston, Henry & Sons (Inc.), Tacony, Phila., Pa & 75 W Wash'n, Chicago, Ill.
Pratt & Whitney Co., Hartford, Conn.
Putnam Machine Co., Fitchburg, Mass.
Sawyer Tool Co., Fitchburg, Mass.
Simonds Mfg. Co., Fitchburg, Mass.; 107 Liberty, New York; Chicago, Ill.; New Orleans, La.; San Francisco, Cal.; Portland, Ore., & Seattle, Wash.
Standard Tool Co., Cleveland, O.
Starrett, L. S. Co., Athol, Mass.
Thompson & Campbell, 1030 Gtn av, Phila., Pa.
Turner, F. L. & Co., Orange, Mass.

Straighteners (Angle)

Elkhart Frog & Crossing Works (Bar), Elkhart, Ind.
Lewis Foundry & Machine Co., 1001 Bingham, Pittsburg, Pa.

Strainers (Conductor)

WRIGHT WIRE CO., Worcester, Mass. (See adv. index, end of book)

Strainers (Gutter)

Bernz, Otto, S 13th c S Orange av, Newark, N. J.
MILWAUKEE CORRUGATING CO. Milwaukee, Wis. (See adv. index, end of book)

Strainers (Hose)

HANCOCK INSPIRATOR CO., THE, 85, 87, 89 Liberty, New York, & 22, 24, 26 S Canal, Chicago, Ill. (See adv. index, end of book)

Strainers (Sink)

Barber Mfg. Co. (Painted & Enameled), Ashtabula, O.
Rumsey & Co., Ltd. (Inc.) (Cast Iron), Seneca Falls, N. Y.

Straps (Anchor)

Lanz, M. & Sons, 101 S 29th, Pittsburg, Pa.

Straps (Box)

(See Box Straps.)

Straps (Crate)

Acme Flexible Clasp Co., 17th & Clark, Chicago, Ill.

Straps (Deckle)

Boston Belting Co. (For Foundrinier Paper Machines), 256 Devonshire, Boston, Mass.; 100 Reade, New York; Buffalo, N. Y., & San Francisco, Cal.

Straps (Hand Hold)

Sterling-Meeker Co. (For Cars), 420 Ogden, Newark, N. J.

Straps (Lug)

Houghton, E. F. Co. ("Houghton's " Patent Rockers), 240 W Somerset, Phila., Pa.

Straps (Pipe)

American Pin Co. (Brass), Waterbury, Conn.
ANDERSON, WM. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Berger Bros. Co., 237 Arch, Philadelphia, Pa.
Boston Brass Co., 36 Oliver, Boston, Mass.
Devlin, Thos. & Co. (Malleable Iron), 3d & Lehigh av, Phila., Pa.
Diamond Stamped Ware Co., Detroit, Mich.
Evory Mfg. Co., 102 John, New York
Falls Mfg. Co., San Francisco, Cal.
Fee & Mason, 66 Beekman, New York
Illinois Malleable Iron Co., 34 W Monroe, Chicago, Ill.
Lalance & Crosjean Mfg. Co. (Wrought Steel, Gas, etc.), 19 Cliff, New York; 81 Michigan av, Chicago, & 351 Congress, Boston, Mass.
Smith & Egge Mfg. Co. (Single & Double), Bridgeport, Conn.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Walworth Mfg. Co., 132 Federal, Boston, Mass.
Wolff, L. Mfg. Co., 117 W Lake, Chicago
Wolverine Brass Works (Tinned), Grand Rapids, Mich.

Straps (Pole)

American Iron & Steel Mfg. Co., Lebanon, Pa.
ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Continental Bolt & Iron Works, 22d & Union, Chicago, Ill.
Lanz, M. & Sons, 101 S 29th, Pittsburg, Pa.

Straps (Timber)

American Iron & Steel Mfg. Co., Lebanon, Pa.
Kansas City Bolt & Nut Co. (Also Bridge, Kansas City, Mo.

Strawboards (Plain & Tarred)

Barrett Mfg. Co., Land Title bldg, Phila., Pa.; Merchant Loan & Trust bldg, Chicago, Ill.; 17 Battery pl, New York; St. Louis, Mo.; Cleveland, O.; Cincinnati, O.; Pittsburg, Pa.; Minneapolis, Minn.; Kansas City, Mo., & New Orleans, La.

Street Lighting

Momand Street Lighting Co. of Am., Broad & Arch, Phila., Pa.; 33 Nassau, New York; ft. Orleans, Chicago, Ill.
Welsbach Street Lighting Co. (of America), Broad & Arch, Phila., & Chicago, Ill.

Street Lighting (Sun Vapor)

(See Lamps, Incandescent Vapor Gas.)

Street Plows

(See Plows, Contractors, etc.)

Street Railway Sprinkling Cars

(See Cars, Sprinkling, Street Railway.)

Street Sprinkler Wagon Tanks

Acme Road Machinery Co., Frankfort, N. Y.
Littleford Bros., 455 E Pearl, Cincinnati, O.

Street Sprinkling Carts & Wagons

Abbott, Downing Co., Concord, N. H.
Acme Road Machinery Co., Frankfort, N. Y.
Aitchison, Geo. T., Worcester, Mass.
American Bridge & Scraper Co., Anderson, Ind.
Austin Mfg. Co., Harvey, Ill., & Manhattan bldg, Chicago, Ill.
Etnyre, E. D. & Co., Oregon, Ill.
Kisinger-Ison Co., 466 Pioneer, Cincinnati, O.
Lansing Wheelbarrow Co. (Carts), Lansing, Mich.
Sherman, I. N. W., 316 5th av, Chicago, Ill.
Studebaker Bros. Mfg. Co., South Bend, Ind.; B'way & 48th, N. Y., & 378 Wabash av, Chicago, Ill.
Winkler Bros. Mfg. Co., South Bend, Ind.
Winship Mfg. Co., Racine, Wis.
Woodhouse, J. S., 191 Water, New York

Street Sweepers (Hand)

Menzies Strect Cleaner Co. ("Menzies" Street Cleaner), Glens Falls, N. Y.
Sanitary Street Sweeping Co., Washington, D. C.
Stroud, E. H. & Co., 36 LaSalle, Chicago, Ill.

Street Sweeping Bag Carriers

Acme Road Machinery Co., Frankfort, N. Y.
Motley, Green Co., 68 Broad, New York

Street Sweeping Machines

(See Machines, Street Sweeping.)

Stretchers (Carpet)

Denison Mfg. Co., Warren, O.

Stretchers (Wire)

AMERICAN STEEL & WIRE CO., Rookery bldg, Chicago; Battery Park bldg, New York; 16th & Folsom, San Francisco, Cal. & Western Reserve bldg, Cleveland, O. (See adv. index, end of book)
Arcade Mfg. Co., Freeport, Ill.
Bailey, Nichols & Co. (Reeler & Stretcher), Delavan, Ill.
Burr Mfg. Co. (Fence & Wire), 131 Viaduct, Cleveland, O.
Chandler & Farquhar Co., 36 Federal, Boston, Mass.
De Kalb Fence Co., De Kalb, Ill.
Dwiggins Wire Fence Co., Anderson, Ind.
Elliott & Reid Co., Richmond, Ind.
Enterprise Foundry & Fence Co., Indianapolis, Ind.
Eureka Tempered Copper Works (For Electric Wire, etc.), North East, Pa., & Chicago, Ill.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.; 44 Cliff, N. Y., & 153 Lake, Chicago, Ill.
Hunt, Helm, Ferris & Co. ("The Starr"), Harvard, Ill.
Illinois Fence Machine Co., Leroy, Ill.
INTERNATIONAL FENCE & FIRE-PROOFING CO. ("Ohio"), Buttles av, Columbus, O. (See adv. index, end of book)
Janesville Hay Tool Co., 122 Lake, Chicago, Ill.
Keystone Fence Co., Peoria, Ill.
Leader Fence Machine Mfg. Co., St. Charles, Ill.
Ludlow-Saylor Wire Co., 4th & Elm, St. Louis, Mo.
McCloskey Wire Fence & Construction Co., Toledo, O.
Mason, W. H. & Co. (Bull Dog), Leesburg, O.
Matthew & Miller, Sunbury, O.
National Hoist & Machine Co. (Wire & Cable), 463 W 22d, Chicago, Ill.
National Steel & Wire Co., New Haven, Conn., & 114 Liberty, New York
Never Slip Wire Stretcher & Novelty Co., West Farmington, O.
Ney Mfg. Co., Canton, O.
Pullman Mfg. Co., Rochester, N. Y.
Schriven, O. P. & Co. ("I X L"), 208 Elm, Cincinnati, O.
Standard Wire Fence Co., Canandaigua, N. Y.
Townsend, F. J., Painted Post, N. Y.

Structural Steel Work

(See Steel Structural Work.)

Stucco Mfrs.

Cardiff Gypsum Plaster Co., Fort Dodge, Ia.
Klee, Thomson Co., 327 E 40th, New York
Lycoming Calcining Co., Williamsport, Pa.
Michigan Gypsum Co. ("N. P." Finishing), Grand Rapids, Mich.
Mineral City Plaster Co., Fort Dodge, Ia.
United States Gypsum Co., 184 La Salle, Chicago; 4 Builders' Ex., Buffalo, N. Y.; Hammond bldg, Detroit, Mich.; Fort Dodge, Ia.; Indianapolis, Ind.; Omaha, Neb.; West Superior, Wis.; Sandusky, O., & Pittsburg, Pa.

Stucco Retarder

Binns Stucco Retarder Co., Uhrichsville, O.
Ohio Retarder Co., Port Clinton, O.

Stucco Work

ARCHITECTURAL DECORATING CO., 204 Illinois, Chicago, Ill. (See adv. index, end of book)
Berger's, H. Sons, 101 4th av, New York
EMMEL, CHARLES, 383 Albany, Bos-ton, Mass.
Evans, John & Co., 77 Huntington av, Boston,
Fischer & Jirouch, 61 Middle, Cleveland, O.
Forman Bros., 645 Gates av, Brooklyn, N. Y.
Fowle, Herbert, 43 Bristol, Boston, Mass.
Herter Bros., 369 5th av, N. Y.
Kellett, Fred. G. & Co., 152 Valencia, San Francisco, Cal.
Klee-Thomson Co., 327 E 40th, N. Y.
Lewis, Geo. W., 390 Knight, Providence, R. I.
MILWAUKEE ORNAMENTAL CARV-ing Co., 423 Poplar, Milwaukee, Wis. (See adv. index, end of book)
Prescott, D. Moody, Lowell, Mass.
Root & Young, 286 Sheldon, Hartford, Conn.
Schneider, F. H., 439 E Water, Syracuse, N. Y.
SEIFERT, FRANK A. PLASTIC RE-lief Co., 2646 Lawton av, St. Louis, Mo. (See adv. index, end of book)
Van Malderen, F., 5th av & Jumonville, Pittsburg, Pa.
Whitman, J. Franklin Co. (Inc.), 212 S 5th, Phila., Pa.

Studs (Lacing)

Tubular Rivet & Stud Co., Wollaston, Mass.

Studs (Milled Iron)

American Bolt Co., Lowell, Mass.
American Iron & Steel Co., Lebanon, Pa.
Blake & Johnson, Waterbury, Conn.
Cincinnati Screw & Tap Co., 2442 Beekman, Cincinnati, O.
Corbin Screw Corporation, New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, Ill., & 925 Market, Phila., Pa.
Detroit Screw Works, 343 Franklin, Detroit, Mich.
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
Hope, Wm. H. & Co., Lowell, Mass.
Hopedale Machine Co., Hopedale, Mass.
New Britain Hardware Mfg. Co., New Britain, Conn.
Niagara Screw Co., Buffalo, N. Y.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pittsburg Screw & Bolt Co., 25th & Liberty av, Pittsburg, Pa.
Progressive Mfg. Co. (Also Steel, Brass, etc.), Torrington, Conn.
Reed & Curtis Machine Screw Co., Worcester, Mass.
Rhode Island Tool Co., Providence, R. I.
Standard Screw Co., 2 N Canal, Chicago, Ill.; Worcester Machine Screw Co. (See Standard Screw Co. of Chicago, Ill.), Worcester, Mass.

Stuffers (Sausage)

Brecht, Gus. V., Butchers' Supply Co., 1201 Cass av, St. Louis, Mo.

Submarine Armor

Morse, A. J. & Son, 140 Congress, Boston, Mass.
Schrader, A. Son, 30 Rose, New York

Suction Tees

Watson & McDaniel Co. ("McDaniel"), 146 N 7th, Phila., Pa.

Sugar Machinery

(Under this heading see the following classifications.)

Barrel Packers, Sugar.
Batteries, Diffusion.
Beet Sugar Machinery.
Beet Washing & Slicing Machines.
Cane Sugar Machinery.
Carbonatation or Saturation Plants.
Centrifugals & Mixers, Sugar.
Char Filters & Kilns.
Clarifiers.
Conveyors, Ribbon Scroll.
Crushers, Sugar Cane.
Crystalizers.
Cube Sugar Apparatus.
Defecators.
Driers, Cane, Continuous.
Evaporators. Multiple Effects.
Filter Cloth.
Filters, Bag.
Filters, Mechanical.
Furnaces, Bagasse.
Granulators, Sugar.
Heaters, Juice.
Kilns, Lime.
Mills, Sugar Cane.
Pans, Vacuum.
Portable Railways.
Rollers & Pinions.
Sugar Cane Unloading Apparatus & Conveyor.
Sulphur Machines.
Triturators.

BARREL PACKERS (SUGAR)

Hersey Mfg. Co., South Boston, Mass.

BATTERIES (DIFFUSION)

Cornell, J. B. & J. M. Co., 26th & 11th av, N. Y.
Deeley, Robert & Co., 507 W 32d, N. Y.
Dyer, E. H. & Co., New England Bldg, Cleveland, O.
Kilby Mfg. Co., Cleveland, O.
Krajewski-Pesant Co., 32 B'way, N. Y.
Maschinenfabrik, Grevenbroich, 76 William, N. Y.
Morris, Henry G., Phila. Bourse, Phila., Pa.
Pusey & Jones Co., Wilmington, Del.
Walburn-Swenson Co., Monadnock blk, Chicago, Ill. Works, Chicago Heights, Ill.
Whitney Iron Works Co., 861 Tchoupitoulas, New Orleans, La.
Wolf, Fred. W. Co., 139 Rees. Chicago, Ill.

BEET SUGAR MACHINERY

Cornell, J. B. & J. M. Co., 26th & 11th av, N. Y.
Dayton Globe Iron Works Co., Dayton, O.
Dyer, E. A. Co., New England bldg, Cleveland, O.
Walburn, Swenson Co., Monadnock blk, Chicago, Ill.

BEET WASHING & SLICING MACHINES

Bartlett, Hayward & Co., Continental bldg, Baltimore, Md., & 100 B'way, N. Y.
Dyer, E. H. & Co., New England Bldg, Cleveland, O.
Maschinenfabrik, Grevenbroich, 76 William, N. Y.
Wolf, Fred. W. Co., 139 Rees, Chicago, Ill.

CANE SUGAR MACHINERY

Cornell, J. B. & J. M. Co., 26th & 11th av, N. Y.

CARBONATATION OR SATURATION PLANTS

Bartlett, Hayward & Co., Baltimore, Md.
Dyer, E. H. & Co., New England Bldg, Cleveland, O.
Maschinenfabrig, Grevenbroich, 76 William, N. Y.
Pusey & Jones Co., Wilmington, Del.
Wolf, Fred. W. Co., 139 Rees, Chicago, Ill.

CENTRIFUGALS & MIXERS (SUGAR)

AMERICAN TOOL & MACHINE CO., 109 Beach, Boston, Mass.
Bartlett, Hayward & Co., Baltimore, Md.
Blymyer Iron Works Co., Cincinnati, O.
Boland & Gschwind Co., New Orleans, La.
Cornell, J. B. & J. M. Co., 26th & 11th av, N. Y.
Deeley, Robt. & Co., 507 W 32d, New York
Hepworth, S. S. Co., 92 Williams, New York
Krajewski-Pesant Co., 32 B'way, New York
Maschinenfabrik, Grevenbroich, 76 William,, New York
Morris, Henry G., Phila Bourse, Phila., Pa.
Mundt, Chas. & Sons, 441 Pearl, New York
Payne & Joubert, 423 Carondelet, New Orleans, La.
Pusey & Jones Co., Wilmington, Del.
Squier, Geo. L. Mfg. Co., 420 Niagara, Buffalo, N. Y.
Turl's, Jno. Sons (Inc.), 534 W 28th, New York
Wolf, Fred W. Co., 139 Rees, Chicago, Ill.

CHAR FILTERS & KILNS

Bartlett, Hayward & Co., Baltimore, Md.
Cornell, J. B. & J. M. Co., 26th & 11th av, N. Y.
Deeley, Robt. & Co., 507 W 32d, New York
Maschinenfabrik, Grevenbroich, 76 William, N.Y.
Morris, Henry G., Phila Bourse, Phila., Pa.
Squier, Geo. L. Mfg. Co., 420 Niagara, Buffalo, N. Y.
Wolf, Fred W. Co., 139 Rees, Chicago, Ill.
Wood, R. D. & Co. ("Char Filters"), 400 Chestnut, Philadelphia, Pa.

CLARIFIERS

Bartlett, Hayward & Co., 100 B'way, New
Blymyer Iron Works Co., Spring Grove av & Township, Cincinnati, O.
Cornell, J. B. & J. M. Co., 26th & 11th av, N. Y.
Deeley, Robt. & Co., 507 W 32d, New York
Flynn, W. S., 74 Hudson, Jersey City, N. J.
Haubtman & Loeb Co. (Ltd.), 222 S Peters, New Orleans, La.
Kilby Mfg. Co., Cleveland, O.
Maschinenfabrik, Grevenbroich, 76 William, N.Y.
Morris, Henry G., Phila. Bourse, Phila., Pa.
Murphy, Jno. H., 643 Magazine, New Orleans, La.
Payne & Joubert, 423 Carondelet, New Orleans, La.
Ploneer Iron Works, 151 William, Brooklyn, N.Y.
Pusey & Jones Co., Wilmington, Del.
Squier, Geo. L. Mfg. Co., 420 Niagara, Buffalo, N. Y
Turl's, Jno. Sons (Inc.), 536 W 28th, New York
Wolf, Fred W. Co., 139 Rees, Chicago, Ill.

CONVEYORS (RIBBON SCROLL)

AMERICAN TOOL & MACHINE 109 Beach, Boston, Mass.

CRUSHERS (SUGAR CANE)

Bell, C. S. Co., Hillsboro, O.
Coldwell-Wilcox Co., Newburgh, N. Y.
Cornell, J. B. & J. M. Co., 26th & 11th av, N. Y.
Deeley, Robt. & Co., 507 W 32d, New York
Kilby Mfg. Co., Cleveland, O.
Krajewski-Pesant Co., 32 B'way, New York
Morris, Henry G., Phila. Bourse, Phila., Pa.
Pioneer Iron Works, 151 William, Brooklyn, N.Y.
Squier, Geo. L. Mfg. Co., 420 Niagara, Buffalo, N. Y.
Turl's, Jno. Sons (Inc.), 536 W 28th, New York
Whitney Iron Works Co., 861 Tchoupitoulas, New Orleans, La.

CRYSTALIZERS

Bartlett, Hayward & Co., Baltimore, Md.
Cornell, J. B. & J. M. Co., 26th & 11th av, N. Y.
Deeley, Robt. & Co., 507 W 32d, New York
Dyer, E. H. & Co., New England Bldg, Cleveland, O.
Eastwick Engineering Co., 15 Park Row, New York, & 807 Common, New Orleans, La.
Maschinenfabrik, Grevenbroich, 76 William, N.Y.
Morris, Henry G., Phila. Bourse, Phila., Pa.
Ploneer Iron Works, 151 William, Brooklyn, N.Y.
Pusey & Jones Co., Wilmington, Del.
Turl's, Jno. Sons (Inc.), 536 W 28th, New York
Whitney Iron Works Co., 861 Tchoupitoulas, New Orleans, La.
Wolf, Fred W. Co., 139 Rees, Chicago, Ill.

CUBE SUGAR APPARATUS

Deeley, Robt. & Co., 507 W 32d, New York
Hersey Mfg. Co., 314 W 2d, Boston, Mass.
Maschinenfabrik, Grevenbroich, 76 William, N.Y.
Wolf, Fred W. Co., 139 Rees, Chicago, Ill.

DEFECATORS

Blymyer Iron Works Co., Cincinnati, O.
Coldwell-Wilcox Co., Newburgh, N. Y.
Cornell, J. B. & J. M. Co., 26th & 11th av, N. Y.
Deeley, Robt. & Co., 507 W 32d, New York
Farrell Foundry & Machine Co., Ansonia, Conn.
Flynn, W. S., 74 Hudson, Jersey City, N. J.
Haubtman & Loeb Co. (Ltd.), 222 S Peters, New Orleans, La.
Kilby Mfg. Co., Cleveland, O.
Krajewski-Pesant Co., 32 B'way, New York
Maschinenfabrik, Grevenbroich, 76 William, N.Y.
Morris, Henry G., Phila. Bourse, Phila., Pa.
Murphy, Jno. H., 643 Magazine, New Orleans, La
Payne & Joubert, 423 Carondelet, New Orleans, La.
Pioneer Iron Works, 151 William, Brooklyn, N.Y.
Pusey & Jones Co., Wilmington, Del.
Squier, Geo. L. Mfg. Co., 420 Niagara, Buffalo, N. Y.
Turl's, Jno. Sons (Inc.), 534 W 28th, New York
Wolf, Fred W. Co., 139 Rees, Chicago, Ill.

DRIERS (CANE, CONTINUOUS)

Davenport Foundry & Machine Co., Davenport, Ia.

EVAPORATORS (MULTIPLE EFFECTS).

Avery, B. F. & Sons, Louisville, Ky.
Bartlett, Hayward & Co., Baltimore, Md.
Blymyer Iron Works Co., Cincinnati, O.
Casey & Hedges Mfg. Co., Chattanooga, Tenn.
Champion Evaporator Co. (Evaporators), Hudson, O.
Cornell, J. B. & J. M. Co., 26th & 11th av,
Deeley, Robt. & Co., 507 W 32d, N. Y. N. Y.
Dyer, E. H. & Co., New England bldg., Cleveland, O.
Haubtman & Loeb Co. (Ltd.), 222 S Peters, New Orleans, La
Kilby Mfg. Co., Cleveland, O.
Krajewski-Pesant Co., 32 B'way, N. Y.
Maschinenfabrik, Grevenbroich, 76 William, New York
Morris, Henry G. (Double & Single), Phila. Bourse, Phila., Pa.
Morrls P. Hollingsworth, 1501 S Front, Phlla, Pa.
Murphy, John H., 643 Magazine, New Orleans, La.
Oat, Jos. & Sons (Copper & Iron), 230 Quarry, Phila., Pa.
Payne & Joubert, 423 Carondelet, New Orleans, La.
Pioneer Iron Works, 155 William, Brooklyn, N. Y.
Pusey & Jones Co., Wilmington, Del.
Squier, Geo. L. Mfg. Co., 420 Niagara, Buffalo, N. Y.
Sugar Apparatus Mfg. Co., 326 Chestnut, Phila., Pa.
Turl's, Jno. Sons (Inc.), 534 W 28th, N. Y.
Warren Evaporator Works (Evaporators), Warren, O.
Wheeler Condenser & Engineering Co., 120 Liberty, N. Y.
Wolf, Fred W. Co., 139 Rees, Chicago, Ill.
Wood, R. D. & Co., 400 Chestnut, Phila., Pa.

FILTERS (BAG)

American Felt Co., 110 E 13th, N. Y.; 112 Beach, Boston, Mass., & 253 Franklin, Chicago
Bartlett, Hayward & Co., Baltimore, Md.
Blymyer Iron Works Co., Cincinnati, O.
Bonnot Co., Canton. O.
Cornell, J. B. & J. M. Co., 26th & 11th av,
Deeley, Robt. & Co., 507 W 32d, N. Y. N. Y.
Gulf Bag Co., 330 Notre Dame, New Orleans, La
Haubtman & Loeb Co. (Ltd.), 222 S Peters, New Orleans, La.
Maschinenfabrik, Grevenbroich, 76 William New York
Morris, Henry G., Phila. Bourse, Phila., Pa.
Payne & Joubert, 423 Carondelet, New Orleans La
Squier, Geo. L. Mfg. Co., 420 Niagara, Buffalo N. Y
Wolf, Fred W. Co., 139 Rees, Chicago, Ill.
Wood, R. D. & Co., 400 Chestnut, Phila., Pa.

FILTERS (MECHANICAL)

Bethlehem Foundry & Machine Co., So. Bethlehem, Pa.
Cornell, J. B. & J. M. Co., 26th & 11th av, N. Y.
Deeley, Robt. & Co., 507 W 32d, N. Y.
Dyer, E. H. & Co., New England bldg, Cleveland, O.
Deutsch, Wm. M., 141 B'way, N. Y.
Farrell Foundry & Machine Co., Ansonia, Conn.
Haubtman & Loeb Co. (Ltd.), 222 S Peters, New Orleans, La.
Krajewski-Pesant Co., 32 B'way, N. Y.
LOOMIS-MANNING FILTER CO., New Land Title bldg, Phila., Pa.; Fuller bldg, The "Flatiron," New York; Exchange bldg, Boston, Mass.; Union Trust bldg, Baltimore, Md., & Colorado bldg, Washington, D. C. (See adv. index, end of book)
Maschinenfabrik, Grevenbroich, 76 William. New York
Morris, Henry G., Phila. Bourse, Phila., Pa.
NEW YORK CONTINENTAL JEWELL FILTRATION CO., 15 Broad, N. Y., & 42 W. Quincy, Chicago, Ill. (See adv. index. end of book)
Payne & Joubert, 423 Carondelet, New Orleans. La.
Perrin, Wm. R. & Co., 46th & Loomis, Chicago. Ill.
Pioneer Iron Works, 151 William, Brooklyn. N. Y.
ROBERTS MFG. CO., 3011 Chestnut, Phila., Pa. (See adv. index, end of book)
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)
Shriver, T. & Co., 333 E 56th, New York
Wolf, Fred W. Co., 139 Rees, Chicago, Ill.

FURNACES (BAGASSE)

Babcock & Wilcox Co., New Orleans, La.
Burt, C. S. Co. (Ltd.), 726 Gravier, New Orleans, La.
Chattanooga Plow Co., Chattanooga, Tenn.
Coldwell-Wilcox Co., Newburg, N. Y.
Cornell, J. B. & J. M. Co., 26th & 11th av, N. Y.
Deeley, Robt. & Co., 507 W 32d, N. Y.
Guild & Garrison, ft. S 10th, Brooklyn, N. Y.
Haubtman & Loeb Co. (Ltd.), 222 S Peters, New Orleans, La.
Morris, Henry G., Phila. Bourse, Phila., Pa.
Payne & Joubert, 423 Carondelet, New Orleans, La.
Pioneer Iron Works, 151 William, Brooklyn, N. Y.
Squier, Geo. L. Mfg. Co., 420 Niagara, Buffalo, N. Y.
Stirling Co., Pullman bldg, Chicago, Ill. Works, Barberton, O.
Swoop, Julian M., 1215 Josephine, New Orleans, La.
Wolf, Fred W. Co., 139 Rees, Chicago, Ill.

GRANULATORS (SUGAR)

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Hersey Mfg. Co., 314 W 2d, Boston, Mass.

HEATERS (JUICE)

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Deeley, Robt. & Co., 507 W. 32d, N. Y. N. Y.
Haubtman & Loeb Co. (Ltd.), 222 S Peters, New Orleans. La.
Maschinenfabrik, Grevenbroich, 76 William, New York
Morris, Henry G., Phila. Bourse, Phila., Pa.
Murphy, John H., 643 Magazine, New Orleans, La.
Payne & Joubert, 423 Carondelet, New Orleans, La.
Pioneer Iron Works, 151 William, Brooklyn, N. Y.
Squier, Geo. L. Mfg. Co., 420 Niagara, Buffalo, N. Y.
Wolf, Fred W. Co., 139 Rees, Chicago, Ill.

KILNS (LIME, SUGAR REFINING)

Bartlett, Hayward & Co., Baltimore, Md.
Dyer, E. H. & Co., New England bldg, Cleveland, O.
Haubtman & Loeb Co. (Ltd.), 222 S Peters, Orleans, La.
Maschinenfabrik, Grevenbroich, 76 William, New York
Wolf, Fred W. Co., 139 Rees, Chicago, Ill.

MILLS (SUGAR CANE)

Avery, B. F. & Sons, Louisville, Ky.
Bell, C. S. Co., Hillsboro, O.
Blymyer Iron Works Co., Cincinnati, O.
Chattanooga Plow Co., Chattanooga, Tenn.
Coldwell-Wilcox Co., Newburgh. N. Y.
Cornell, J. B. & J. M. Co., 26th & 11th av, N. Y.
Deeley, Robert & Co., 507 W 32d, N. Y.
Farrell Foundry & Machine Co., Ansonia, Conn.
Huntsville Foundry & Machine Works, Hunts-
Kehoe, Wm. & Sons, Savannah, Ga. ville, Ala.
Kilby Mfg. Co., Cleveland, O.
Krajewski-Pesant Co., 32 B'way, N. Y.
Lombard Iron Works & Supply Co., Augusta, Ga.
Morgan Iron Works, 814 E 9th, N. Y.
Morris, Henry G., Phila. Bourse, Phila., Pa.
North Alabama Engineering Co., New Decatur, Ala.
Payne & Joubert, 423 Carondelet, New Orleans, La.
Pioneer Iron Works, 151 William, Brooklyn,
Pusey & Jones Co., Wilmington, Del. N. Y.
Reading Iron Co., Reading, Pa.
Risdon Iron & Locomotive Works, Steuart & Folsom sts, San Francisco, Cal.
Rockford Well Drill Co., Rockford, Ill.
Rourke, John & Sons, Savannah, Ga.
Salem Iron Works (Steam, Water & Animal Power). Winston-Salem, N. C.
Schofield, J. S. Sons Co., Macon, Ga.
Southern Plow Co., Columbus, Ga.
Squier, Geo. L. Mfg. Co., 420 Niagara, Buffalo, N. Y.
Swoop, Julian M., 1215 Josephine, New Orleans, La.
Turl's, Jno. Sons, 536 W 28th
Whlte, S. R. & Bro., Norfolk, Va.
Whitney Iron Works Co., 861 Tchoupitonlas, New Orleans, La.

PANS (VACUUM)
(Pans, Vacuum, is Classified in Letter P.)

PORTABLE RAILWAYS.
(See Railways, Industrial & Portable.)

ROLLERS & PINIONS
Chester Steel Casting Co., Chester, Pa.

SUGAR CANE UNLOADING APPARATUS & CONVEYOR.
(See Conveyors, Belt.)

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END OF SUGAR MACHINERY

Sugar Refineries

Alameda Sugar Co. (Beet Sugar), San Francisco, Cal.
Alma Sugar Co., Alma, Mich.
American Beet Sugar Co., 32 Nassau, N. Y.
American Co-Operative Sugar Co., Fidelity Mutual Life bldg, Phila., Pa.
American Sugar Refining Co., 117 Wall, N. Y.; Kent av c S 4th, Brooklyn, N. Y.; 23 Broad, Boston, Mass.; 127 E 2d, Cincinnati, O., & 31 Lake, Chicago, Ill.
Arbuckle Bros., 71 Water, N. Y.; ft. of Pearl, Brooklyn, N. Y., & 43 India, Boston, Mass.
Bay City Sugar Co., Bay City, Mich.
Binghamton Beet Sugar Co., Binghamton, N. Y.
California & Hawaiian Sugar Refining Co., San Francisco, Cal.
Chaparra Sugar Co., 109 Wall, N. Y.
Cogswell, Frank R., New Orleans, La.
Colonial Sugars Co., New Orleans, La.
Cuban-American Sugar Co., 109 Wall, N. Y.
Detroit Sugar Co., Union Trust bldg, Detroit, Mich., & Rochester, Mich.
Eastern Refining Co., 13 Wall, N. Y.
Federal Sugar Refining Co., 138 Front, N. Y. City. Refineries, Yonkers, N. Y.
Francisco Sugar Co., 143 S Front, Phila., Pa., & Guayabal, Cuba
Franklin Sugar Refining Co., Stock Exchange pl, Phila., Pa., & 19 E 2d, Cincinnati, O.
German-American Farmers' Co-Operative Beet Sugar Co., West Bay City, Mich.
Glucose Sugar Refining Co., Rookery bldg, Chicago, Ill., Refinery, Davenport, Ia.
Holland Sugar Co., Holland, Mich.
Howell, B. H. Son & Co., 109 Wall, N. Y.
Kalamazoo Beet Sugar Co., Kalamazoo, Mich.
Lafayette Sugar Refining Co., Lafayette, La.
Lansing Sugar Co., Lansing, Mich.
McCahan, W. J. Sugar Refining Co., 147 S Front, Phila., Pa.
Marine Sugar Co., Marine City, Mich.
Mercedita Sugar Co., 109 Wall, N. Y.
Michigan Sugar Co., Bay City, Mich.
Minnesota Sugar Co., St. Louis Park, Minn.
Mollenhauer Sugar Refining Co., Kent av c S 11th, Brooklyn, N. Y.
National Sugar Refining Co., 109 Wall. N. Y.. & Yonkers, N. Y.
Oregon Sugar Co., La Grande, Ore.
Peninsular Sugar Refining Co., Newberry bldg, Detroit. Mich.. & Coro. Mich.
Reserve Sugar Refinery, St. Peters, La.
Revere Sugar Refinery (Nash, Spaulding & Co.), 23 Broad, Boston, Mass.. & Cambridge, Mass.
Saginaw Sugar Co., Saginaw, Mich.
Sebewaing Sugar Refining Co., Sebewaing, Mich.
Segura Sugar Co., Segura, La.
Spreckel's Sugar Refining Co., 327 Market, San Francisco, Cal., & Stock Exchange pl., Phila., Pa.
Standard Sugar Refining Co., Granite st, South Boston, Boston, Mass.
Union Sugar Co., 132 Market, San Francisco, Cal.
Utah Sugar Co., Salt Lake City, Utah
Warner Sugar Refining Co., Rialto bldg, Chicago, Ill.
Washington State Sugar Co., Spokane, Wash.
West Bay City Sugar Co., West Bay City, Mich.
Western Sugar Refining Co., 327 Market, San Francisco, Cal.
Wisconsin Sugar Co., Menominee Falls, Wis.

Sulphate Digester Linings

Reconstructed Granite Co., 14 Dey, New York. Works, Norristown, Pa.

Sulphate of Ammonia

General Chemical Co.. 25 Broad, N. Y.

Sulphate of Lime

Doggett, Stanley, 101 Beekman, New York
Higginson Mfg. Co., Newburg, N. Y.
Western Chemical Mfg. Co. (Bi-Sulphate of Lime), Denver, Colo.

Sulphate of Soda

Western Chemical Mfg. Co., Denver, Colo.

Sulphur (Refined)

Doggett, Stanley, 101 Beekman, New York
General Chemical Co.. 25 Broad, N. Y.

Summer Houses or Arbors

AMOS, CHARLES & CO., 94 W Larned, Detroit, Mich. (See adv. index, end of book)
Barbee Iron & Wire Works. 44 Dearborn, Chicago, Ill., & Lafayette, Ind.
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Globe Wire & Iron Works, Attkinson av, Milwaukee, Wis.
Howard & Morse, 45 Fulton, N. Y.
SMITH, F. P. WIRE & IRON CO., 100 Lake, Chicago, Ill. (See adv. index, end of book)
Westervelt, A. B. & W. T., 102 Chambers, N. Y.

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Babcock & Wilcox Co., 85 Liberty, New York
Hussey, McCann & Co., 37 Dey, N. Y.
Potter Separator Co., 39 Cortlandt, N. Y.
Power Specialty Co. ("Foster"), 126 Liberty, New York
Providence Engineering Works ("Schmidt"), Providence, R. I.
WESTINGHOUSE MACHINE CO., Pittsburg, Pa.

Superphosphate

Virginia-Carolina-Chemical Co. (Of all Grades), Richmond, Va.

Swage Blocks

Illinois Iron & Bolt Co., Carpentersville, Ill.

Swages (Tie Plate)

Pittsburg Tool & Drop Forge Co. ("Cheswick"), Arrott bldg, Pittsburg, Pa.; Works, Cheswick, Pa.

Swages (Top, Bottom, etc.)

Duffy Mfg. Co., 125 Indiana, Chicago, Ill.
Evansville Tool Works, Evansville, Ind.

Sweepers (Lawn)

Greene Mfg. Co., Springfield, O.

Sweepers (Street Railway)

(See Street Railway Sweeping Machines.)

Swinging Hose Rack

(See Hose Reels & Racks.)

Swings (Lawn)

Aspinwall Mfg. Co.. Jackson, Mich.
Batavia Wind Mill Co. (Steel), Batavia, Ill.
Batcheller, H. F., Rock Falls, Ill.
Bausman, D. H. (Steel), Bausman, Pa.
Border City Mfg. Co., Border City, N. Y.
Bristol & Gale Mfg. Co., 110 W Wash'n, Chicago, Ill.
Butler Co.. Butler, Ind.
Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
Covington Mfg. Co., Covington, O.
Davis Mfg. Co., Flushing, Mich.
Dowden Mfg. Co., Prairie City, Ia.
Dublin Agricultural Works, Dublin, Ind.
Eagle Mfg. Co., Elizabethtown, Pa.
Earl, F. H. Mfg. Co.. Plano, Ill.
Farm Tool Mfg. Co., Carrollton, Mo.
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Kelly, O. S. Mfg. Co., Iowa City, Ia.
Keystone Farm Machinery Co., York, Pa.
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McCormack Mfg. Co., Des Moines, Ia.
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Miller Bros., Rochester, Mich.
Neff Mfg. Co., Cowan, Ind.
Ohio Rake Co., Dayton, O.
Purington Mfg. Co., Des Moines, Ia.
Reed & Rogers, Vernon, Ind.
Scott, Jno. F., Goshen, Ind.
Sears, Albert H., Plano, Ill.
Sechler, D. M. Carriage Co., Moline, Ill.
Smith Mfg. Co. (Steel), Waynesboro, Pa.
Snow Mfg. Co. (Steel), Batavia, Ill.
Union Mfg. Co., Toledo, O.
Wayne Works, Richmond, Ind.

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American Slate Co., Bangor, Pa.
Anderson, Albert & J. M. Mfg. Co., 289 A, South Boston, Boston, Mass.
Andrae, Julius & Sons Co., 225 W Water, Milwaukee, Wis.
Arrowsmith Electric Co., Reading, Pa., & Wilmington, Del.
Barnard, E. G. Co., Troy, N. Y.
Bissell, F. Co., Toledo, O.
Bonville Bros. (Slate), Fair Haven, Vt.
Bossert Electric Const. Co., Utica, N. Y., & 26 Cortlandt, N. Y.
Boston Electric Co., 29 Harrison av, Boston, Mass.
Bryant Electric Co. (Tablet), Bridgeport, Conn., & 200 Monroe, Chicago, Ill.
Bullock Electric Mfg. Co., East Norwood, Cincinnati, O.
California Electrical Works (Inc.), 547 Mission, San Francisco, Cal.
Chase-Shawmut Co., Newburyport, Mass.
Columbian Marble Quarrying Co. (Blue, Mottled & White Marble), Rutland, Vt.
Commercial Electric Co., 220 W Merrill, Indianapolis, Ind.
Coulman & Westcott (Slate), Fair Haven, Vt.
Crouse, Hinds Electric Co., Syracuse, N. Y.
C. & C. Electric Co., 143 Liberty, N. Y.; Chicago, Ill.; Boston, Mass.; & Phila., Pa.
Electric Supply & Mfg. Co., 62 Public sq, Cleveland, O.
Electro Dynamic Co., 224 Ionic, Phila., Pa.
Evayson, Geo. F. & Co., 625 Commerce, Phila., Pa.
Fair Haven Marble & Marbleized Slate Co. (Slate), Fair Haven, Vt.
Falcon Electric Mfg. Co., 432 E 71st, N. Y.
Fisher Electrical Works, 183 Larned, W, Detroit, Mich.
Fleming Slate Co. (Slate), Poultney, Vt.
Flint-Lomax Electric & Mfg. Co., 1400 Delgany, Denver, Colo.
Forest City Electric Co., 111 Windsor av, Cleveland, O.
Fort Wayne Electric Works, Fort Wayne, Ind.
Garrett, Miller & Co., 4th & Orange, Wilmington, Del.
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, New York. (See adv. index, end of book)
General Incandescent Arc Light Co., 529 W 34th, N. Y.
Helios Mfg. Co., Boston, Mass.; Kennedy bldg, Phila., Pa.; Peabody, Mass., & 222 Fullerton av, Chicago, Ill.
Hill, W. S. Electric Co., New Bedford, Mass., & 203 B'way, New York.
Holzer-Cabot Electric Co., Brookline, Mass.
Johnson & Morton, Utica, N. Y.
Keystone Electric Co. (Light & Power), Erie, Pa.
Keystone Electrical Instrument Co., 9th & Montgomery av, Phila., Pa.
KRANTZ, H. MFG. CO., 160 7th, Brooklyn, N. Y.
Lang, J. Electric Co., 176 E Indiana, Chicago, Ill.
LaRoche, Fred. A. Co., 656 Hudson, N. Y.
Linton & Southwick (Tablet & Distributing), 60 Hermon, Worcester, Mass.
McCay Engineering Co., 109 E German, Baltimore, Md.
McCarthy Bros. & Ford, 45 N Division, Buffalo, N. Y.
McKenna Bros.' Brass Co., Pittsburg, Pa.
McNamara Bros. (Slate), Fair Haven, Vt.
MacKenzie & Lee, 88 LaSalle, Chicago, Ill.
Marshall, Sanders Co., 301 Congress, Boston, Mass.
Monson-Maine Slate Co. (Slate), 113 Devonshire, Boston, Mass.
Ontalaunee Slate Mfg. Co. (Slate), Lynnport, Pelkey, W. H. (Slate), Fair Haven, Vt. Pa.
Penn Structural Slate Co. (Slate), Easton, Pa.
Penrhyn Slate Co. (Slate), 493 E 138th, N. Y.
Perkins, E. A. Electric Co., Torrington, Conn.
Peru Electric Mfg. Co., Peru, Ind., & 118 W Jackson boul, Chicago, Ill.
PHOENIX ELECTRIC MFG. CO., Mansfield, O. (See adv. index, end of book)
Quaker City Electric Co., 2036 W Lippincott, Phila., Pa.
Schnake, Henry C., 176 E Indiana, Chicago, Ill.
Stanley Electric Mfg. Co., Pittsfield, Mass.
STEANS, A. T. LUMBER CO., Neponset, & 166 Devonshire, Boston, Mass. (See adv. index, end of book)
Supply Mfg. Co., 32d & Smallman, Pittsburg, Pa.
Tower-Binford Electric & Mfg. Co., 715 E Main, Richmond, Va.
Wagner Electric Mfg. Co. (also for Street Rys. & Isolated Plants), 2017 Locust, St. Louis, Mo.
Walker Electric Co. (Slate & Marble), 2338 Noble, Phila., Pa.
Washington Slate Co. (Slate), Slatington, Pa.
Western Electric Co., 259 S Clinton, Chicago, & 57 Bethune, New York
WESTINGHOUSE ELECTRIC & MFG. Co., Pittsburg, Pa. District Offices: New York, Atlanta, Dallas, Baltimore, Boston, Buffalo, Chicago, Cincinnati, Cleveland, Detroit, Los Angeles, Minneapolis, New Orleans, Philadelphia, Pittsburg, St. Louis, Salt Lake City, San Francisco, Syracuse, Seattle, Denver, Mountain Electric Co., Canada; Canadian Westinghouse Co., Limited, Hamilton, Ontario; Mexico, G. & O. Braniff & Co.; City of Mexico. (See adv. index, end of book)
Weston, Wm. H. & Co., 1303 Buttonwood, Phila., Pa.
Worcester Electric Mfg. Co., Worcester, Mass.

Switchboards (Telephone)

(See also Telephones & Apparatus.)

American Electric Telephone Co., Canal & Jackson boul, Chicago
American Machine Telephone Co., Piqua, O.
Andrae, Julius & Sons Co., 225 W Water, Milwaukee, Wis.
Automatic Electric Co., Morgan & Van Buren, Chicago, Ill.
Central Telephone & Electric Co., 909 Market, St. Louis, Mo.
Century Telephone Const. Co., Ellicott bldg, Buffalo, N. Y.
Chicago Telephone Supply Co., Elkhart, Ind.
Clark Automatic Telephone Switchboard Co., Providence, R. I.
Connecticut Telephone & Electric Co., Meriden, Conn.
Couch, S. H. Co., 156 Pearl, Boston, Mass.
Couch & Seeley Co., 26 Binford, Boston, Mass.
De Veau Telephone Mfg. Co., 27 Rose, New York
Dunham Telephone Mfg. Co., Dunham, N. C.
Eastern Telephone Mfg. Co., West Chester, Pa.
Electric Appliance Co., 92 Van Buren, Chicago
Electrical Appliance Co., 132 Opera pl, Cincinnati, O.
Electrical Engineering Co., 248 Hennepin av, Minneapolis, Minn.
Ericsson Telephone Co., 296 B'way, New York
Eureka Electric Co., 143 S Clinton, Chicago
Farr Telephone & Const. Supply Co., 118 W Jackson boul, Chicago
Fisk & Newhall, 172 S Clinton, Chicago, Ill.
Gare Electric Co., Akron, O.
Gilliland Electric Co., Adrian, Mich.
Globe Automatic Telephone Co., 153 W Jackson boul, Chicago, Ill.
Haines & Noyes Co., 153 S Jefferson, Chicago
HERZOG TELESEME CO., 51 W 24th, N. Y. (See adv. index, end of book)
Hipwell Mfg. Co., 831 North av, Allegheny, Pa.
International Telephone Mfg. Co., Harrison & Clinton, Chicago
Kellogg Switchboard & Supply Co., Congress & Green, Chicago
Kokomo Telephone & Electric Mfg. Co., Kokomo, Ind.
Kusel, D. A., 1119 Pine, St. Louis, Mo.
Minnesota Electric Co., 309 S 2d av, Minneapolis, Minn.
North Electric Co., 157 St. Clair, Cleveland, O.
Russell-Thomlinson Elec. Co., Danbury, Conn.
Schmidt-Lambert Telephone Mfg. Co., Weehawken, N. J.
Signal Phone Co., Milwaukee, Wis.
Standard Telephone & Elec. Co., Madison, Wis.
Sterling Elec. Co., Lafayette, Ind.
Stromberg-Carlson Telephone Mfg. Co., Rochester, N. Y., & 82 W Jackson boul, Chicago
Sumpter Telephone Mfg. Co., Sumpter, S. C.
Utica Fire-Alarm Telegraph Co., Utica, N. Y.
Viaduct Mfg. Co., 10 S. Howard, Baltimore, Md.
Victor Telephone Works, 207 S Canal, Chicago
Vought-Berger Co., La Crosse, Wis.
Wentworth & Blake, 19 High, Boston, Mass.
Western Telephone Mfg. Co., Chicagd, Ill.
Wilhelm Telephone Mfg. Co., 45 N Division, Buffalo, N. Y.
Williams Telephone & Supply Co., Cleveland,
Wotten Electric & Mfg. Co., Atlanta, Ga.

Switch Stands

(See Switches, Switch Stands & Fixtures).

Switches (Automatic)

Automatic Switch Co., 143 Liberty, N. Y.
PHOENIX ELECTRIC MFG. CO., Mansfield, O. (See adv. index, end of book)
Sechrist, Albert Mfg. Co. (The Sechrist), 1033 16th, Denver, Colo.

Switches (Automatic Railroad)

BUDA FOUNDRY & MFG. CO., Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
N. Y. Switch & Crossing Co., Hoboken, N. J.
Penna. Steel Co., Girard bldg, Phila., Pa., & 71 B'way, N. Y. Works, Steelton, Pa.
Ramapo Iron Works, Hilburn, N. Y.; Niagara Falls, N. Y., & 170 B'way, New York
Sheffield Car Co., Three Rivers, Mich.
Wharton, Wm., Jr., & Co., 25th & Wash'n av, Phila., Pa.

Switches (Canopy)

Columbia Machine Works & Malleable Iron Co. (Canopy & Power House), 167 Chestnut, Brooklyn, N. Y.
WESTINGHOUSE ELECTRIC & MFG. Co., Pittsburg, Pa. District Offices: New York, Atlanta, Dallas, Baltimore, Boston, Buffalo, Chicago, Cincinnati, Cleveland, Detroit, Los Angeles, Minneapolis, New Orleans, Philadelphia, Pittsburg, St. Louis, Salt Lake City, San Francisco, Syracuse, Seattle, Denver, Mountain Electric Co., Canada; Canadian Westinghouse Co., Limited, Hamilton, Ontario; Mexico, G. & O. Braniff & Co.; City of Mexico. (See adv. index, end of book)

Switches (Derailing)

Allentown Rolling Mills, Allentown, Pa.
BUDA FOUNDRY & MFG. CO., Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
Johnston, R. R. Frog & Switch Co., Chester, Pa.
Locomotive Appliance Co. (the Smyth), Fisher bldg, Chicago
New York Switch & Crossing Co., Hoboken, N. J
Wilson Railway Gate Co., Birmingham, Mich.

Switches (Electric Elevator Reversing)

Cutler-Hammer Mfg. Co., Milwaukee, Wis.; 136 Liberty, New York, & Monadnock blk, Chicago, Ill.

Switches (Electric Lamp)

Pass & Seymour, Solvay, Syracuse, N. Y.

Switches (Flush, Snap & Push)

Austin, M. B. & Co. (Push), 56 W Van Buren, Chicago
Bryant Electric Co. (Snap), Bridgeport, Conn.
Cutter Electrical & Mfg. Co. (The "C. S."), 19th & Hamilton, Phila., Pa.
Edwards & Co. (Snap & Push), 407 E 144th, N. Y.
Flint-Lomax Electric Mfg. Co. (Snap & Push), 1400 Delgany, Denver, Col., & 44 Broad, N. Y.
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, New York. (See adv. index, end of book)
General Incandescent Arc Light Co., 529 W 34th, N. Y.
Hart Mfg. Co. (Push & Snap), 302 Asylum, Hartford, Conn.
Hart & Hegeman Mfg. Co. (Push), Hartford, Conn.
Johnson & Morton, 44 Whitesboro, Utica, N. Y.
Marshall-Saunders Co. (Snap & Push), 301 Congress, Boston
Paiste, H. T. Co. (Snap), 3101 Ludlow, Philadelphia, Pa.
Pass & Seymour (Snap & Push), Solvay, Syracuse, N. Y.
Perkins Electric Switch Mfg. Co. (Snap), Bridgeport, Conn.

Switches (High Voltage)

Crouse-Hinds Electric Co., Syracuse, N. Y.
Electric Railway Switch & Supply Co. (Electric Motor & Station), Springfield, Mass.
Eureka Tempered Copper Co., North East, Pa.
Fort Wayne Electric Works (Inc.), Fort Wayne, Ind.
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, New York. (See adv. index, end of book)
General Incandescent Arc Light Co., 529 W 34th, N. Y.
PHOENIX ELECTRIC MFG. CO., Mansfield, O. (See adv. index, end of book)
Walker Electric Co., 2338 Noble, Phila., Pa.
WESTINGHOUSE ELECTRIC & MFG. Co., Pittsburg, Pa. District Offices: New York, Atlanta, Dallas, Baltimore, Boston, Buffalo, Chicago, Cincinnati, Cleveland, Detroit, Los Angeles, Minneapolis, New Orleans, Philadelphia, Pittsburg, St. Louis, Salt Lake City, San Francisco, Syracuse, Seattle, Denver, Mountain Electric Co., Canada; Canadian Westinghouse Co., Limited, Hamilton, Ontario; Mexico, G. & O. Braniff & Co.; City of Mexico. (See adv. index, end of book)

Switches (Industrial Railway)

(See also Railways, Industrial & Portable.)

Apex Equipment Co. (Mfrs'. Agents), 11 B'way, N. Y. City
Atlas Bolt & Screw Co., Marquette opp. Hamilton, Cleveland, O.
Borden & Selleck Co., 48 Lake, Chicago, Ill.
BUDA FOUNDRY & MFG. CO., Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
DAVIES, FRANK, Hennen bldg, New Orleans, La. (See adv. index, end of book)
Fox Bros. & Co., 24 Vesey, New York
GREGG CO. (Ltd.), Newburgh, N. Y. (See adv. index, end of book)
Hunt, C. W. Co., 45 B'way, New York. Works West New Brighton, S. I., N. Y. City
KOPPEL, ARTHUR, 68 Broad, N. Y. (See adv. index, end of book)
LEAVITT, C. W. & CO., 15 Cortlandt, N. Y. (See adv. index, end of book)
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
Steele, J. C. & Son, Statesville, N. C.
Steubner, G. L., Long Island City, N. Y.
Wharton, Wm., Jr., & Co., 25th & Washington av, Philadelphia, Pa.
WONHAM-MAGOR ENGINEERING Works, 29 B'way, New York. (See adv. index, end of book)

Switches (Interlocking)

UNION SWITCH & SIGNAL CO., THE, Swissvale, Pa.; 143 Liberty, New York, & Monadnock blk, Chicago, Ill.

Switches (Knife)

Adam, Frank Electric Co. ("Standard"), 914 Pine, St. Louis, Mo.
Anderson, Albert & J. M. Mfg. Co., 289 A, South Boston, Boston, Mass.
Banner Incandescent Electric Co., Youngstown, O.
Barkelew Elec. Mfg. Co., Middletown, O.
Bossert Electric Construction Co., Utica, N. Y., & 26 Cortlandt, N. Y.
Boston Electric Co., 29 Harrison av, Boston, Mass.
Brady, T. H., New Britain, Conn.
Bryant Electric Co., Bridgeport, Conn.
Chase-Shawmut Co., Newburyport, Mass.
Clark-Burris Mfg. Co., 63 S Canal, Chicago, Ill.
Cleveland Switchboard & Elec. Mfg. Co., 54 Michigan, Cleveland, O.
Crescent Electric & Mfg. Co., 24th & Liberty av, Pittsburg, Pa.
Crescent Electrical Mfg. Co., Rochester, N. Y.
Crouse-Hinds Electric Co., Syracuse, N. Y.
Cutter Electrical & Mfg. Co., 19th & Hamilton Philadelphia, Pa.
Davis Electric Mfg. Co., Springfield, Mass.
Davis M. & Son, Salem, O.
Electric Construction Co. of Va., Richmond, Va.
Electric Controller & Supply Co., Central & Geddings avs, Cleveland, O.
Electro Dynamic Co., 224 Ionic, Phila., Pa.
Erner Electric Co., 62 Public sq, Cleveland, O.
Eureka Tempered Copper Works (The Eclipse, Favorite, Economic & Eureka), North East, Pa.
Evanson, Geo. T. Co., 7th & Commerce, Philadelphia, Pa.
Fort Wayne Electric Works (Inc.), Fort Wayne, Ind.
Fullman Co., 3301 Penna av, Pittsburg, Pa.
GENERAL ELECTRIC CO., Schenectady N. Y., & 44 Broad, New York. (See adv. index, end of book)
General Incandescent Arc Light Co., 529 W 34th, N. Y.
Heinemann, Geo. M. & Co., 737 Girard av, Phila., Pa.
Helios Mfg. Co., Boston, Mass.; Kennedy, Phila., Pa.; Peabody, Mass., & 222 Fullerton av, Chicago, Ill.
Hill, W. S. Electric Co., New Bedford, Mass., & 203 B'way, N. Y.
Hyer-Shechan Elec. Motor Co., Newburgh, N. Y.
Johnson & Morton, Utica, N. Y.
Jones, J. & Son, 62 Vesey, New York
Klute-Berthold Electric Co., 126 35th, Chicago,
KRANTZ, H. MFG. CO., 160 7th, Brooklyn, N. Y.
Lang, J. Electric Co., 176 E Indiana, Chicago
Leonard-Bundy Elec. Co., 156 Champlain, Cleveland, O.
La Roche, F. A. Co., 656 Hudson, New York
Linton & Southwick, Worcester, Mass.
Lundin Electric & Machine Co., 176 Federal, Boston
McCarthy Bros. & Ford, 45 N Division, Buffalo, N. Y.
McKenna Bros. Brass Co., Pittsburg, Pa.
Manhattan Electrical Supply Co., 32 Cortlandt, New York
Marshall-Sanders & Co., 301 Congress, Boston, Mass.
Mutual Electric & Machine Co., Wheeling, W. Va.
New York Switchboard & Mfg. Co., 516 W 36th, New York
Novelty Electric Co., 54 N 4th, Philadelphia, Pa.
Paiste, H. T. Co., 3101 Ludlow, Phila., Pa.
Parke, Jno. Y. & Co., 728 Cherry, Phila., Pa.
Pass & Seymour, Solvay, Syracuse, N. Y.
Perkins Electric Switch Mfg. Co., Bridgeport, Conn.
Peru Electric Mfg. Co., Peru, Ind.
PHOENIX ELECTRIC MFG. CO., Mansfield, O. (See adv. index, end of book)
Pittsburg Trolley Pole Co., 115 Water, Pittsburg, Pa.
Pringle, W. T., 112 N 12th, Philadelphia, Pa.
Proctor-Raymond Mfg. Co., Detroit, Mich.
Safety Electric Switch Co. (Instantaneous Make & Break Safety), Providence, R. I.
Schiff, Jordon & Co., 232 Greenwich, New York
Schoenman Electric Mfg. Co., Berlin & P R R Belt, Pittsburg, Pa.
Springfield Electrical Mfg. Co., Springfield, Mass.
Sterion Copper, Brass & Bronze Co. ("Quick Break"), 67 N Ashland av, Chicago, Ill.
Tower-Binford Electric Mfg. Co., 715 E Main, Richmond, Va.
Trumbull Electric Mfg. Co. (Also Baby Knife), Plainville, Conn.
Wagner Electric Mfg. Co., 2017 Locust St., Louis, Mo.
Walker Electric Co., 2338 Noble, Phila., Pa.
Western Electric Co., 259 S Clinton, Chicago, & 57 Bethune, New York
WESTINGHOUSE ELECTRIC & MFG. Co., Pittsburg, Pa. District Offices: New York, Atlanta, Dallas, Baltimore, Boston, Buffalo, Chicago, Cincinnati, Cleveland, Detroit, Los Angeles, Minneapolis, New Orleans, Philadelphia, Pittsburg, St. Louis, Salt Lake City, San Francisco, Syracuse, Seattle, Denver, Mountain Electric Co., Canada; Canadian Westinghouse Co., Limited, Hamilton, Ontario; Mexico, G. & O. Braniff & Co.; City of Mexico. (See adv. index, end of book)
Weston, W. H. & Co., 1303 Buttonwood, Philadelphia, Pa.
White, H. P. Co., Wayne & Berkley, Gtn, Phila., Pa.
White, J. H. Mfg. Co., 127 N 10th, Brooklyn, N. Y.
Worcester Electric Mfg. Co., Worcester, Mass.
Wotton Electric & Mfg. Co., Atlanta, Ga.
Wurdack, Wm., 19 S 11th, St. Louis, Mo.
York Electric & Machine Co., York, Pa.

Switches (Limit)

Grove, Jno. W. Co. ("Hassell" Circuit Breaker for Electric Cranes"), Farmers' Bank bldg, Pittsburg, Pa.
PHOENIX ELECTRIC MFG. CO., Mansfield, O. (See adv. index, end of book)

Switches (Oil Break)

Condit, S. B., Jr., & Co. ("The Elden," Pneumatic), 63 Oliver, Boston, Mass.
General Incandescent Arc Light Co., 529 W 34th, N. Y.
PHOENIX ELECTRIC MFG. CO., Mansfield, O. (See adv. index, end of book)
Worcester Electric Mfg. Co., Wheeling, W. Va.

Switches (Reversing Elevator)

Keystone Electric Co., Erie, Pa.
PHOENIX ELECTRIC MFG. CO., Mansfield, O. (See adv. index, end of book)

Switches (Snap, Ordinary)

Akron Electric Mfg. Co., Akron, O.
Bryant Electric Co., Bridgeport, Conn.
Edwards & Co., 407 E 144th, New York
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, New York. (See adv. index, end of book)
Hart Mfg. Co., 302 Asylum, Hartford, Conn.
Hart & Hegeman Mfg. Co., Hartford, Conn.
Marshall-Sanders Co., 301 Congress, Boston
Paiste, H. T. Co., 3101 Ludlow, Phila., Pa.
Pass & Seymour, Solvay, Syracuse, N. Y.
Perkins Electric Switch Mfg. Co., Bridgeport, Conn.

Switches (Solenoid)

Cutler-Hammer Mfg. Co., Milwaukee, Wis.; 136 Liberty, New York, & Chicago, Ill.

Switches (Split)

BUDA FOUNDRY & MFG. CO., Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
Cleveland Frog & Crossing Co. ("The Lucas"), 116 Bessemer av, Cleveland, O.
Elliott Frog & Switch Co., East St. Louis, Ill.
Pettibone, Mulliken & Co. ("Transit," "Gauge" & "Channel"), 204 Dearborn, Chicago, Ill.
Ramapo Iron Works, Hillburn, N. Y.; Niagara Falls, N. Y., & 170 B'way, New York

Switches, Switch Stands & Fixtures

(See also Frogs, Switches & Crossings; also Crossings; also Signals.)

Alabama Frog & Switch Co., Anniston, Ala
American Frog & Switch Co., Hamilton, O.
American Valve & Meter Co. ("Little Giant" Switch Stands), Cincinnati, O.
Allentown Rolling Mills, Allentown, Pa.
BUDA FOUNDRY & MFG. CO. (The ("Ramsey" Automatic, etc.), Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
Cleveland Frog & Crossing Co. ("The Lucas"). 116 Bessemer av, Cleveland, O.
Coughlin-Sanford Switch Co., 25 Broad, N. Y.
DAVIES, FRANK, Hennen bldg, New Orleans, La. (See adv. index, end of book)
Eclipse Switch & Signal Co., Elmira, N. Y.
Elkhart Frog & Crossing Works, Elkhart, Ind.
Elliott Frog & Switch Co., East St. Louis, Ill.
GREGG CO., Ltd. (For Industrial Railways), Newburgh, N. Y. (See adv. index, end of book)
Gueber Engineering Co., Bethlehem, Pa.
Indianapolis Switch & Frog Co., Springfield, O.
International Railway Supply Co. (Automatic Safety Lock), Monadnock blk, Chicago, Ill.
Johnston. R. R. Frog & Switch Co., Chester, Pa.
KOPPEL, ARTHUR, 68 Broad, N. Y. (See adv. index, end of book)
LEAVITT, C. W. & CO., 15 Cortlandt, New Yor. (See adv. index, end of book)
Lorain Steel Co., Lorain, O., & Johnstown, Pa.
McGuire-Cummings Mfg. Co., 122 N Sangamon, Chicago, Ill.
Medric Co. ("Odenkirk" Switch Stands High, Intermediate & Low), Cleveland, O.
Morden Frog & Crossing Works, The Rookery, Chicago
New York Switch & Crossing Co., Hoboken, N. J.
Penna. Steel Co., Girard Bldg., Phila., Pa., & 71 B'way, New York
Pettibone, Mulliken & Co. ("Banner," "Mark," "Globe," "Crown" & "Axel" Switch Stands), 204 Dearborn, Chicago
Ramapo Iron Works, Hillburn, N. Y.; Niagara Falls, N. Y., & 170 B'way, New York
UNION SWITCH & SIGNAL CO., The, Swissvale, Pa.; 143 Liberty, N. Y., & Monadnock blk, Chicago
Weir Frog Co., Beach & Highland av, Cincinnati, O.

Switches (Throw Over)

BUDA FOUNDRY & MFG. CO., Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
Fulton Foundry Co., Cleveland, O.

Switches (Time)

Jones, J. & Son, 62 Vesey, N. Y.
Jordan Bros., 74 Beekman, N. Y.

Switches (Trolley)

GENERAL ELECTRIC CO., Schenectady, N. Y.. & 44 Broad, New York. (See adv. index, end of book)

Switches (Voltmeter)

Cutler, Geo. Co., 129 Fulton, Chicago, Ill.

Switches & Turn Tables (Mine)

DAVIES, FRANK, Hennen bldg, Pittsburg, Pa. (See adv. index, end of book)
Davis, F. M. Iron Works Co., 8th & Larimer, Denver, Colo.
GREGG CO. (Ltd.), Newburgh, N. Y. (See adv. index, end of book)
Hunt, C. W. Co., 45 B'way, New York. Works, West New Brighton, S. I., N. Y. City.
Kenney & Co., Scottdale, Pa.
KOPPEL, ARTHUR, 68 Broad, New York. (See adv. index, end of book)
LEAVITT, C. W. & CO., 15 Cortlandt. New York. (See adv. index, end of book)
Mine & Smelter Supply Co., Denver, Colo.; 136 Liberty, New York; El Paso, Tex., & Salt Lake City, Utah
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
Stuebner, G. L., Long Island City, N. Y.
WONHAM-MAGOR ENGINEERING Works, 29 B'way, New York. (See adv. index, end of book)

Swivels

American Iron & Steel Mfg. Co. (Pipe), Lebanon, Pa.
Brooks, M. S. & Sons (Solid Flat, Nickle or Brass or Steel, etc.), Chester, Conn.
Dayton Malleable Iron Co., Dayton, O.
Greystone Mfg. Co. ("Greystone" Patent), Greystone, Conn.
Hoopes & Townsend Co. (Closed or Pipe, Open or Arm, etc.), 1330 Buttonwood, Phila., Pa.
Keystone Drop Forge Works (or Rope Sockets, Qpen Arm), Chester, Pa.
Michigan Bolt & Nut Works, ft Meldrum av, Detroit, Mich., & 135 Adams, Chicago field, Phila., Pa., & 120 Liberty, N. Y.
Rhode Island Tool Co., Providence, R. I.

Syphons (Acid)

Eynon-Evans Mfg. Co. (Lead Lined), 1519 Clearfield, Phila., Pa., & 120 Liberty, N. Y.

Syphons (Steam Gauge)

Western Tube Co., Kewanee, Ill.

Syrens (Steam)

ASHCROFT MFG. CO. (Steamships, Steam Signaling Apparatus), 85, 87, 89 Liberty, New York, & 22, 24, 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.

Syringes (Oil)

Knapp Mfg. Co. (Brass), 24 Frankfort, New York

Tables (Adjustable)

Locke ,C. E. Mfg. Co. (For all Purposes), Kensett, Iowa

Tables (Brick Cutting)

Bonnot Co., Canton, O.
Madden & Co. (Endless Belt), Rushville, Ind.
Mueller, Max (& Roofing, Tile, etc.), St. Louis, Mo.

Tables (Concentrating)

Allis-Chalmers Co., Home Ins. bldg, Chicago, Ill.
Colorado Iron Works Co. ("Bartlett"), 721 17th, Denver, Colo.
Power & Mining Machinery Co., 52 William. New York. Works, Cudahy, Wis.

Tables (Folding)

Readsboro Chair Co., Readsboro, Vt.

Tables (Picking)

Borden & Selleck Co., 48 Lake, Chicago
Link Belt Machinery Co., W 39th & Stewart av, Chicago
McLanahan-Stone Machine Co., Hollidaysburg, Pa.

Tables (Rolling Mill Feed)

Hogg, Geo. A. Iron & Steel Foundry Co. (Freeman"), 24th & R. R., Pittsburg, Pa.
Lewis Foundry & Machine Co., 1001 Bingham, Pittsburg
Morgan Engineering Co. (Electric), Alliance, O.
United Engineering & Foundry Co., Farmers' Bank bldg, Pittsburg, Pa., & Youngstown, O.
Vulcan Foundry & Machine Co., New Castle, Pa.

Tables (Transfer)

(See Turn & Transfer Tables.)

Tachometers

Gurley, W. & L. E., Troy, N. Y.
QUEEN & CO., 1010 Chestnut, Phila., Pa., & 59 5th av, N. Y. (See adv. index, end of book)
Schaffer &Budenberg Mfg. Co., 10 Division, Brooklyn, N. Y.; 66 John, N. Y., & 15 W Lake, Chicago
Veeder Mfg. Co., Hartford, Conn.

Tack Claws

Arcade Mfg. Co., Freeport, Ill.
Kraeuter & Co., 577 18th av, Newark, N. J.
Mayhew, H. H. Co., Shelburne Falls, Mass.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)
Wrightsville Hardware Co., Wrightsville, Pa.

Tack Mfrs.

AMERICAN STEEL & WIRE CO., The Rookery, Chicago; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & 16th & Folsom, San Francisco, Cal. (See adv. index, end of book)
Anchor Nail & Tack Works, S 19th & Merriman, Pittsburg, Pa.
Anderson Tack Co., Rockland, Mass.
Atlas Tack Co. (Cut & Wire), Fairhaven, Mass.
Belleville Tack Works, Belleville, Ill.
Binghamton Tack Co. (Carpet, Shoe, Upholsterers, Trimmers, etc.), Binghamton, N. Y.
Bosworth, B. S. & Co., Taunton, Mass.
Chicago Tack Co., 7800 Woodlawn av, Chicago, Ill.
Churchill & Allen (Shoe), Lynn, Mass.
Cleveland Tack Works, Hamilton cor Kirtland, Cleveland, O.
Cobb & Drew, Plymouth, Mass., & Rock Falls, Ill.
Cole, H. C. & W. S., Kingston, Mass.
Dary, Marcus A., Taunton, Mass.
Diamond Tack & Nail Works, Rynham, Mass.
Ford, L. E. & Co., Kingston, Mass.
Fuller, G. E. & A. I., Keene, N. H.
Grand Crossing Tack Co., S Chicago av & 79th, Chicago
Gurney, David B., Whitman, Mass.
H. C. Tack Co., C. & P. Ry. n Euclid av, Cleveland, O.
Holland Mfg. Co., Baltimore, Md.
Indianapolis Staple & Tack Co., Indianapolis, Ind.
Jones, H. M., Kingston, Mass.
Judson Mfg. Co., San Francisco, Cal.
Kirk-Latty Mfg. Co. (Cut), Cleveland, O.

Maglathin, E. L., Kingston, Mass.
Maglathlin, F. W. & Co., Kingston, Mass.
Maglathlin, H. B., Silver Lake, Mass.
Miller's, H. J. Sons (Shank & Machine Shoe), Bridgewater, Mass.
Milwaukee Tack Co., Milwaukee, Wis.
National Screw & Tack Co., Cleveland, O.
Norway Tack Co., Norristown, Pa.
Osborne, W. & Co., Lakeville, Mass.
Penn Tack Co., Norristown, Pa.
Phillips, Ezra & Sons, South Hanover, Mass.
Plymouth Mills, Plymouth, Mass.
Pratt, Bernard, Kingston, Mass.
Raynham Tack Co., Taunton, Mass.
Reading Screw Co., Norristown, Pa.
Reed & Prince Mfg. Co., Worcester, Mass.
Ripley & Bartlett, Plymouth, Mass.
Rockford Tack & Nail Co. (Also Nails), Rockford, Ill.
Rome Brass & Copper Co. (Brass & Copper), Rome, N. Y.
Salmon, Sam'l & Son, Hanover, Mass.
Shelton Co. (Cut), Derby, Conn.
Somers, Edmond J. & Co., Worcester, Mass.
Stanley, Geo. W. Co., Belleville, Ill.
Stevens & Willis Co., South Braintree, Mass.
Stewart & Willis Co., Braintree, Mass.
Superior Tack & Nail Co., Pen Yan, N. Y.
Talbot, Z., Holliston, Mass.
Taunton Wire Nail Co. (Wire, Carpet, Bill Poster, etc.), Taunton, Mass.
Tower Mfg. Co. (Steel, Iron, Copper, etc.), Front & Elm, Cincinnati, O., & Madison, Ind.
Waterman, L. C. & Son, Rockland, Mass.
Wire Goods Co., Worcester, Mass.
Woodward, F. E. (Shoe), Kingston, Mass.
York Tack & Nail Wks. (Also Nails), York, Pa.

Tack Mfrs. (Double Pointed)

AMERICAN STEEL & WIRE CO., Rookery, Chicago; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & 16th & Folsom, San Francisco, Cal. (See adv. index, end of book)
Atlast Tack Co., Fairhaven, Mass.
Cobb & Drew, Plymouth, Mass., & Rock Falls Ill.
Grand Crossing Tack Co., S Chicago av & 79th, Chicago
Indianapolis Staple & Tack Co., Indianapolis, Ind.
Milwaukee Tack Co., Milwaukee, Wis.
Phillips, E. Sons, South Hanover, Mass.
Pickering, R. S., Sharon Hill, Pa.
Plymouth Mills, Plymouth, Mass.
Reading Screw Co., Norristown, Pa.
Stanley, Geo. W. Co., Belleville, Ill.
Superior Tack & Nail Co., Pen Yan, N. Y.
Taunton Wire Nail Co., Taunton, Mass.
Tower Mfg. Co., Front & Elm, Cincinnati, O., & Madison, Ind.
Wire Goods Co., Worcester, Mass.
WRIGHT WIRE CO., Worcester, Mass. (See adv. index, end of book)

Tackle Blocks

(See Blocks, Tackle.)

Tags (Tin)

Ammidon & Co., Baltimore, Md.
Consolidated Fruit Jar Co., New Brunswick, N. J.
Monumental Mfg. Baltimore, Md.

Tags (Zinc)

Hill, Jas. H. & Sons, Coventry, R. I.

Take-Ups

Link Belt Engineering Co. (Rope), Nicetown, Phila., Pa.; 47 Dey, New York, & Park bldg, Pittsburg, Pa.
Nordyke & Marmon Co. (Rope), Indianapolis, Ind.
Williamsport Clutch & Pulley Co. (Adjustable), Williamsport, Pa.

Talc Mfrs. & Miners.

Atlas, M. & M. Co., Lincoln, N. J., & 82 Pearl, New York
Cohutta Talc Co., Spring Place, Ga.
Doggett, Stanley (Mfrs'. Agts.), 101 Beekman, New York
Massena Mineral Filler Co., Massena, N. Y.
Nautahala Marble & Talc Co., Atlanta, Ga.
North Carolina Talc & Mining Co., Hewitt, N. C.
Union Talc Co., Gouverneur, N. Y.
United States Talc Co., Gouverneur, N. Y.

Talc (Powdered)

Doggett, Stanley, 101 Beekman, New York
Nevins, Sam'l Co. ("French" & American), 109 S2d, Phila., Pa.
North Carolina Talc & Mining Co., Hewitt, N. C.
Salomon, L. A. & Bro., 216 Pearl, New York
Steward, D. M. Mfg. Co., Chattanooga, Tenn.
WHITTAKER, W. H., 245 Front, New York
Williams, C. K. & Co., Easton, Pa.

Tampers (Concrete)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Columbus Foundry & Machine Co., "Embleton" (Power), Columbus, O.
RANSOME CONCRETE MACHINERY Co., 11 B'way, New York. (See adv. index, end of book)
WINGET CONCRETE MACHINE CO, ("Embleton" Powder), Hayden bldg, Columbus, O. (See adv. index, end of book)

Tampers (Dirt & Sod)

Dunn Mfg. Co. (For Sewer & Trench Work, etc.), Westinghouse bldg, Pittsburg, Pa.
Modern Iron Works (Iron Handle), Quincy, Ill.
Swett, A. L. Iron Works, Medina, N. Y.

Tank Fixtures

FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Ore.; 218 S W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Kalamazoo Railway Supply Co., Kalamazoo, Mich.

Tank Pulls

(See Water Closet Pulls.)

Tank Saddles

(See Boiler Saddles.)

Tanks (Acid)

CYELOPEAN IRON WORKS (Jones & Harold), 402-404 Claremont av, Jersey City, N. J. (See adv. index, end of book)
Norcross Co. (Euclid Stone), Cleveland, O.
PETROLEUM IRON WORKS CO. (Steel), Washington, Pa., & Farmers' Bank bldg, Pittsburg, Pa. (See adv. on page 1173)
Reeves Bros. Co., Alliance, O.
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)

Tanks (Air)

CHICAGO TOOL & SUPPLY CO., 356 Dearborn, Chicago. (See adv. index, end of book)
CYELOPEAN IRON WORKS (Jones & Harold), 402-404 Claremont av, Jersey City, N. J. (See adv. index, end of book)
Ironclad Mfg. Co., 2 Cliff, New York
PETROLEUM IRON WORKS CO., Washington, Pa., & Farmers' Bank bldg, Pittsburg, Pa. (See adv. on page 1173)
PRESSED STEEL TANK CO. (Seamless Steel), Milwaukee, Wis. (See adv. on page 1174)
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)

Tanks (Air Brake)

SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)

Tanks (Asphalt Heating)

(See Heaters Asphalt.)

Tanks (Automobile)

Gilbert & Barker Mfg. Co. (For Gasoline Storage), Springfield, Mass.; 82 John, New York; Boston, Mass., & Phila., Pa.
Iron Clad Mfg. Co. (Gasoline), 2 Cliff, N. Y.
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.

Tanks (Blow-Off)

Estabrook's, R. Sons, "Boston" with Ceanout Cover," 204 W 1st, S. B., Boston, Mass.

Tanks (Calcium Light)

SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)

Tanks (Car Lighting)

PRESSED STEEL TANK CO., Milwaukee, Wis. (See adv. on page 1174)
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)

Tanks (Car Wheel Annealing)

SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)

Tanks (Car & Boat)

PETROLEUM IRON WORKS CO., Washington, Pa., & Farmers' Bank bldg, Pittsburg, Pa. (See adv. on page 1173)

When writing to firms whose names appear in this book please mention
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Reeves Bros. Co., Alliance, O.
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)

Tanks (Cast Iron Storage)

Bethlehem Foundry & Machine Co., South Bethlehem, Pa.

Tanks (Cold Storage)

PETROLEUM IRON WORKS CO., Washington, Pa., & Farmers' Bank bldg, Pittsburg, Pa. (See adv. on page 1173)

Tanks (Compressed Air)

CHICAGO TOOL & SUPPLY CO., 356 Dearborn, Chicago. (See adv. index, end of book)
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)

Tanks (Concrete Steel)

TRUSSED CONCRETE STEEL CO., Home Office, Union Trust bldg, Detroit, Mich. Branches: 160 5th av, New York, N. Y.; 612 N Calvert, Baltimore, Md.; D. S. Morgan bldg, Buffalo, N. Y.; Williamson bldg, Cleveland, O.; Chemical bldg, St. Mo.; Farmers' Bank bldg, Pittsburg, Pa., & 18 Toronto St, Toronto, Canada. (See adv. index, end of book)

Tanks (Condenser)

PETROLEUM IRON WORKS CO., Pittsburg, Pa. (See adv. on page 1173)

Tanks (Cyanide)

(See also Tanks, Wood.)

Allis-Chalmers Co., Office Home Ins. bldg, Chicago. Works, Chicago, Milwaukee & Scranton, Pa.
CALDWELL, W. E. CO., Louisville, Ky. (See adv. next page)
CYELOPEAN IRON WORKS (Jones & Harold), 402-404 Claremont av, Jersey City, N. J. (See adv. index, end of book)
Fleming Tank Co., 3 115 Liberty, Pittsburg, Pa.
Mine & Smelter Supply Co., Denver, Colo.; 139 Liberty, N. Y.; El Paso, Tex., & Salt Lake City
MINNEAPOLIS STEEL & MACHIN-ery Co., Minneapolis, Minn. (See adv. index, end of book)
Pacific Tank Co., San Francisco, Cal., & Los Angeles, Cal.
PETROLEUM IRON WORKS CO., Washington, Pa., & Marmers' Bank bldg, Pittsburg, Pa. (See adv. on page 1173)
Power & Mining Machinery Co. (Steel), 52 William, New York. Works, Cudahy, Wis.
Reeves Bros. Co., Alliance, O.
SCAIFE. WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)
Silver Bros. Iron Works Co., Salt Lake City, Utah
Thomson & Boyle Co., Los Angeles, Cal.
WATSON WOODEN TANK CO., 418 3d av, Pittsburg, Pa.
Weigele Riveted Steel Pipe Works, 2949 Larimer, Denver, Col.

Tanks (Elevator)

PETROLEUM IRON WORKS CO., Washington, Pa., & Farmers' Bank bldg, Pittsburg, Pa. (See adv. on page 1173)

Tanks (Expansion)

American Radiator Co. ("Ideal," Automatic, etc.), General Office 282 Michigan av, Chicago, Ill.; 44 E 20th, New York; Detroit, Mich.; Denver, Col.; Boston, Mass.; Phila., Pa.; Buffalo, N. Y.; St. Louis, Mo.; Minneapolis, Minn.; Cincinnati, O.; Pittsburg, Pa., & 143 Queen Victoria, London, Eng.
Cody, Jos. & Sons, Peoria, Ill.
Detroit Range Boiler Co., 619 24th, Detroit, Mich.
Drake, Wm., Springfield, Ill.
Frost Mfg. Co., Galesburg, Ill.
Grote Mfg. Co., Evansville, Ind.
Hibbs, E. A., 212 Quarry, Philadelphia, Pa.
Hoey, Thos. Supply & Mfg. Co. (Automatic). 399 Atlantic av, Boston, Mass.
Hopson & Chapin Mfg. Co. (Cast Iron Automatic Feed), New London, Conn.
Ideal Mfg. Co., 546 Franklin, Detroit, Mich.
Iron Clad Mfg. Co., 2 Cliff, New York
Kewanee Boiler Co., Kewanee, Ill.
Koven, L. O. & Bro., 50 Cli.ff New Yotrk
Lawler Water, Feed & Damper Regulator Co. ("Lawler's" Automatic), 181 Mercer, New York
McAleenen Boiler Co., Peoria, Ill.
Michelman Boiler Co., Quincy, Ill.
Mott, J. L. Iron Works, 88 Beekman, New York
Niagara Radiator Co., Buffalo, N. Y., & N Tonawanda, N. Y.
Murray Iron Works Co., Burlington, Ia.
Page, W. H. Boiler Co., Norwich, Conn.
Penna. Range Boiler Co., 2010 N 10th & Norris, Phila., Pa.
PRESSED STEEL TANK CO., Mil-waukee, Wis. (See adv. index, end of book)
Price, Butler & Pierce Mfg. Co., Syracuse, N. Y.; 254 4th av, New York; 24 S 7th, Phila., Pa., & 50 Oliver, Boston, Mass.
Ronalds & Johnson Co., 51 Boerum pl, Brooklyn, N. Y.; 54 Cliff, New York, & 139 N 7th, Phila., Pa.
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)
Sheppard, Isaac A. & Co., 1801 N 4th, Phila., Pa.; Baltimore, Md., & 312 Pearl. N. Y.
Springfield Boiler & Mfg. Co., Springfield, Ill.
Star Boiler Works (Inc.). Clinton, Ia.
Thompson Iron Works, 1825 Callowhill, Phila., Pa.
Trageser, John, 477 W 26th, New York
United States Heater Co., 251 Campbell av, Detroit, Mich.
Wolff, L. Mfg. Co., 117 W. Lake, Chicago, Ill.
Wood, John Mfg. Co. (Electric Welded Seamless), Conshohocken, Pa.

Tanks (Filter)

PETROLEUM IRON WORKS CO., Washington, Pa., & Farmers' Bank bldg. Pittsburg, Pa. (See adv. on page 1173)

Tanks (Fire Extinguisher)

SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)

Tanks (Fuel Oil)

PETROLEUM IRON WORKS CO., Washington, Pa., & Farmers' Bank bldg, Pittsburg, Pa. (See adv. on page 1173)

Tanks (Galvanized Steel)

Butler Co., Butler, Ind.
CALDWELL, W. E. CO., Brandeis av & Brook, Louisville, Ky. (See adv. next page)
Chicago Steel Tank Co., 194 Mather, Chicago
Clarendon Boiler Works. Clarendon, Pa.
Dickelman Mfg. Co., Forest, O.

FAIRBANKS, MORSE & CO., Frank-lin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Ore.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Freeland, B. F. Sons Co., Sturgis, Mich.
Harry Bros. Co. (Corrugated), Dallas, Tex.
Hunt & Dorman Mfg. Co. (Iron Storage), 21 Bright, Cleveland, O.
Kelly Foundry & Machine Co., Goshen, Ind.
Koven, L. O. & Bro., 50 Cliff, New York
Littleford Bros., 453 E Pearl, Cincinnati, O.
MILWAUKEE CORRUGATING CO., Milwaukee, Wis. (See adv. index, end of book)
Muenzermayer, J. J. & W. F. (Iron Stock), Junction City, Kans.
Ohio Galvanizing & Mfg. Co. (Steel), Niles, O.
PETROLEUM IRON WORKS CO., Washington, Pa., & Farmers' Bank bldg, Pittsburg, Pa. (See adv. on page 1173)
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
SCAIFE. WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)
Tallerday Steel Pipe & Tank Co. (Stock, Storage, Creamery, etc.), Waterloo, Iowa
Waterloo Mfg. Co. (Stock, Storage, Creamery, etc.), Waterloo, Iowa.
Wilson, F. Cortez & Co., 239 Lake, Chicago, Ill.

Tanks (Gas Engine)

Koven, L. O. & Bro., 50 Cliff, New York
PRESSED STEEL TANK CO., Mil-waukee, Wis. (See adv. on page 1174)
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)

Tanks (Gasoline)

SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)

Tanks (Grain Elevator)

PETROLEUM IRON WORKS CO., Washington, Pa., & Farmers' Bank bldg, Pittsburg, Pa. (See adv. on page 1173)
Reeves Bros. Co., Alliance, O.
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)

Tanks (High Pressure)

PRESSED STEEL TANK CO., Mil-waukee, Wis. (See adv. on page 1174)
PETROLEUM IRON WORKS CO., Washington, Pa., & Farmers' Bank bldg, Pittsburg, Pa. (See adv. on page 1173)
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)

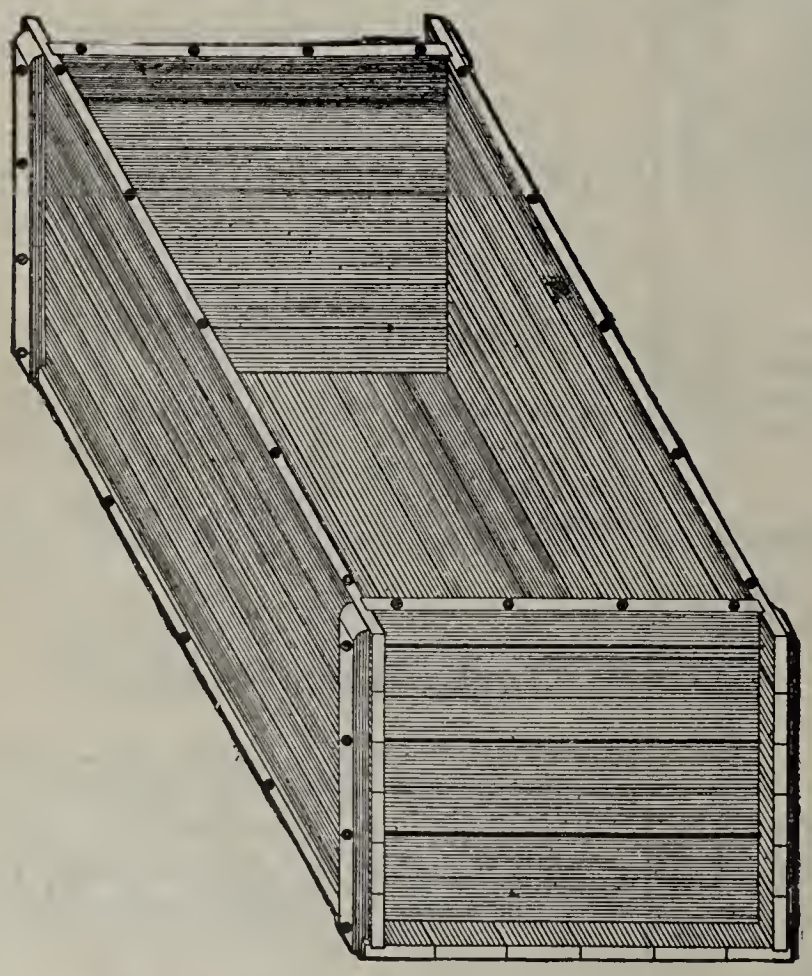
Tanks (Hydrogen & Oxygen)

PRESSED STEEL TANK CO., Mil-waukee, Wis. (See adv. on page 1174)
SCAIFE. WM. B. & SONS CO., 221 1st av, Pitsburg, Pa. (See adv. index, end of book)

Tanks (Iron & Steel)

Abendroth & Root Mfg. Co., 99 John, New York, & Newburgh, N. Y.
Aermotor Co. (Steel only), W 12th & Rockwell, Chicago
Allentown Boiler Works (Collum & Knouse, Props.), Allentown, Pa.
Atlantic Works, 70 Border, E. B., Boston, Mass.
Aultman & Taylor Machinery Co. (Iron), Mansfield, O.
Aurora Boiler Works (Steel), Aurora, Ill.
Baker Mfg. Co., Evansville, Wis.
Bartlett, Hayward & Co., 100 B'way, New York, & Baltimore, Md.
Bridgeport Boiler Works, Bridgeport, Conn.
Bryan, E. A. Co. (Steel Storage), 1st Nat'l Bank bldg, Chicago, Ill. Works, Harvey, Ill.
Burns Boiler & Mfg. Co., West DePere, Wis.
CALDWELL, W. E. CO., Brandeis av & Brook, Louisville, Ky. (See adv. below)
Carroll-Porter Boiler & Tank Co., Empire bldg, Pittsburg Pa., & Wellsville, O.
CHICAGO BRIDGE & IRON WORKS (Horace E. Horton, Prop.), W 105th & Throop, Chicago, Ill. (See adv. index, end of book)
Coatesville Boiler Works, Coatesville, Pa.
Cole, R. D. Mfg. Co., Newman, Ga.
Columbiana Boiler Co., Columbiana, O.
CYELOPEAN IRON WORKS (Jones & Harold), 402-404 Claremont av, Jersey City, N. J. (See adv. index, end of book)
Du Bois Iron Works, Du Bois, Pa.
East Jersey Pipe Co., 71 B'way, New York
Edge Moor Iron Co., Wilmington, Del.; 1123 B'way, New York; Boston, Mass., & Chicago, Ill.
Etnyre, E. L. & Co., Oregon, Ill.
Enterprise Boiler Co., Youngstown, O.
Fitzgibbons Boiler Co., Oswego, N. Y.
Flint & Walling Mfg. Co. (Steel), Keendallville, Ind.
Folsom, C. G., South Bend, Ind.
Freeland Mfg. Co. (Inc.) (Steel), Niles, Mich.
Freeman, S. & Sons Mfg. Co. (also Tanks. Wood), Racine, Wis.
Gem City Boiler Co., Dayton, O.
Girard Boiler & Mfg. Co., Girard, O.
Graver, Wm. Tank Works (Storage), 303 Dearborn, Chicago, Ill.
Harrisburg Foundry & Machine Works, Harrisburg, Pa.
Hartley's Boiler Works, Montgomery, Ala.
Hamler Boiler & Tank Co., 3906 S Halstead, Chicago, Ill.
Hammond Iron Works, Warren, Pa.
Harlan & Hollingsworth Co., Wilmington, Del.
Heilman Boiler Works, Allentown, Pa.
Hibbs, E. A. (Oil, Drip, Blow-off, Storage, etc.), 213 Quarry, Phila., Pa.
Hodge Boiler Wks., Sumner nr N Ferry, E. Boston, Mass.
Honhorst, Jos. & Co., 525 E Pearl, Cincinnati, O.
Hughes & Stewart (and Smelting Work), Continental bldg, Denver, Col.
Jarvis Engine & Machine Works, Lansing, Mich.
Keeler, E. Co., Williamsport, Pa.
Kehoe, Wm. & Sons, Savannah, Ga.
Kendall, Edw. & Sons, Cambridgeport, Mass.
Kensington Engine Works (Ltd.), 245 N Broad, Philadelphia, Pa.
Kerr-Murray Mfg. Co., Ft. Wayne, Ind.
Kewanee Boiler Co., Kewanee, Ill., & 167 Lake, Chicago, Ill.
Koven, L. O. & Bro., 50 Cliff, New York
Kroeschell Bros. Co., 55 Erie, Chicago, Ill.
Lacy Mfg. Co. (Oil, etc.), 4 Baker blk. Los Angeles, Cal.
Lappan, Jas. Mfg. Co., 20th & Pike, Pittsburg, Pa
Littleford Bros. (Oil & Water), 455 E Pearl, Cincinnati, O.
Lookout Boiler & Mfg. Co., Chattanooga, Tenn.
Lyon Metallic Mfg. Co., 18 S Ann, Chicago, Ill.
McDermott Bros., Allentown, Pa.
McNeil, Jas. & Bro. Co., 29th & A. V. Ry., Pittsburg, Pa.
Maynard, C. F. & Co., Fairhaven, Vt.
Means & Fulton Iron Works, Birmingham, Ala.
Meehan Boiler & Construction Co., Lowellville, O.
Michelman Boiler Co., Quincy, Ill.
Milwaukee Boiler Co., 220 Ogden, Milwaukee, Wis.
MILWAUKEE CORRUGATING CO., Milwaukee, Wis. (See adv. index, end of book)
MINNEAPOLIS STEEL & MACHINEry Co., Minneapolis, Minn. (See adv. index, end of book)
Munroe, R. & Sons Corporation Co., 23d & Smallman, Pittsburg, Pa.
Nebraska-Iowa Steel Tank Co., Omaha, Neb.
Newbold, R. S. & Son Co., Norristown, Pa.
North Penn Iron Co., North Penn Junction, Philadelphia, Pa.
Novelty Steam Boiler Works, 102 E York, Baltimore, Md.
Oakes, Wm. L., Decatur, Ill.
Oil City Boiler Works (Inc.), Oil City, Pa., & 39 Cortlandt, N. Y.
Pacific Tank Co., San Francisco, Cal., & Los Angeles, Cal.
Penman Steel & Iron Works, Beaumont, Tex.

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RED GULF CYPRESS YIELDS ITS MYSTERY SLOWLY.

WE KNOW IT OUTLASTS ALL OTHER TIMBER FOR TANK USE; BUT WE DON'T KNOW EXACTLY WHY.

THE REGULAR ARRANGEMENT OF THE RESIN CELLS IS PART OF THE SECRET.

OUR CATALOGUE GIVES MORE INFORMATION.

W. E. CALDWELL CO.,

LOUISVILLE, KENTUCKY.

Penna. Boiler Works, Erie, Pa.
Penna. Steel Co. (Steel), Steelton, Pa.; Girard bldg. Phila., Pa., & 71 B'way, New York
Pennsylvania Iron Works, Erie, Pa.
PETROLEUM IRON WORKS CO. (Gas, Oil & Water), Washington, Pa.; Farmers' Bang bldg, Pittsburg, Pa. (See adv. below)
Pfeiffer, Chris. Boiler Co., 70 Michigan, Chicago
Phillips & Worthington, 136 Liberty, New York
Phoenix Iron Works, Portland, Ore.
Phoenix Iron Works Co., Meadville, Pa.; 15 Cortlandt, New York, & The Rookery. Chicago, Ill.
Porter Foundry & Machine Co., Allegheny, Pa.
Portland Co., 58 Forc, Portland, Me.
Pollock, Wm. B. Co., Youngstown, O.
Port Huron Engine & Thresher Co. (Steel. Water), Port Huron, Mich.
Power & Mining Machinery Co. (For Mining Purposes, etc.), 52 William, New York. Works, Cudahy, Wis.
Pusey & Jones Co., Wilmington, Del.
Reeves Bros. Co., Alliance, O.
Riter-Conley Mfg. Co., 56 Water, Pittsburg. Pa., & 39 Cortlandt, New York
Ricard Boiler & Engine Co., 700 Water, Toledo, O.
Roberts Iron Works Co., Cambridgeport, Mass.
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)
Sharkey & Peck, 1175 W 18th, Chicago, Ill.
Sotter Bros., Pottstown, Pa.
Springfield Boiler & Mfg. Co., Springfield, Ill.
Stacey Mfg. Co., 235 Mill, Cincinnati, O.
Star Boiler Works, c 8th av & 1st, Clinton, Ia.
Stewart Jail Works Co., 716 E 3d, Cincinnati, O.
Struthers-Wells Co. (of all Descriptions), 26 Cortlandt, New York, Pittsburg, Pa. Works, Warren, Pa.
Tate, Jones & Co. (Inc.) (Storage & Supply) Empire bldg, Pittsburg, Pa
Thompson Iron Works, 1825 Callowhill, Philadelphia, Pa
Thompson & Boyle Co., 314 Requena, Los Angeles, Cal
Tippett & Wood, Phillipsburg, N. J.
Turl's, Jno. Sons (Inc.), 534 W 28th, New York
Turner & Brownlie, Des Moines, Ia.
Union Boiler & Mfg. Co., Lebanon, Pa.
Union Iron Works, San Francisco, Cal.
Union Iron Works, Erie, Pa.
Union Machine & Boiler Co., 108 River, Cleveland, O.
United States Wind Engine & Pump Co., Batavia, Ill.
Vance Iron Works, Geneva, N. Y.
Variety Iron Works Co., Cleveland, O.
Vogt, Henry Machine Co., Louisville, Ky.
Walsh Boiler & Iron Works, Springfield, Mass.
Walsh's Holyoke Steam Boiler Works, Holyoke, Mass.
Wanger, Jos. F. Boiler & Sheet Iron Co., 1547 N 9th, St. Louis, Mo.
Warren City Boiler Works, Warren, Ohio
Waterloo Mfg. Co., Waterloo, Ia.
Weigele, Wm. A. Steel Pipe Works, Larimer & 30th, Denver, Colo.
White, Robt. Engineering Works (Inc.), 93 Hamilton, Brooklyn, N. Y.
Whitehead & Kales, Beecher av & M. S. R. R., Detroit, Mich.
WORDEN-ALLEN CO., P. O. Box 528 Milwaukee, Wis. (See adv. index, end of book)
York Mfg. Co., York, Pa.; North American bldg. Philadelphia, Pa., & 11 B'way, New York

Tanks (Lighting System)

PRESSED STEEL TANK CO., 720 Hanover, Milwaukee, Wis. (See adv. next page)

Tanks (Metal)

American Can Co., 11 B'way, New York

Tanks (Mixing)

Koven, L. O. & Bro., 50 Cliff, New York

Tanks (Molasses)

CHICAGO BRIDGE & IRON WORKS, Throop & 105th, Chicago, Ill. (See adv. index, end of book)
PETROLEUM IRON WORKS CO., Washington, Pa., & Farmers' Bank bldg, Pittsburg, Pa. (See adv. below)

Tanks (Muffle)

Power & Mining Machinery Co., 52 William. New York. Works, Cudahy, Wis.
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)

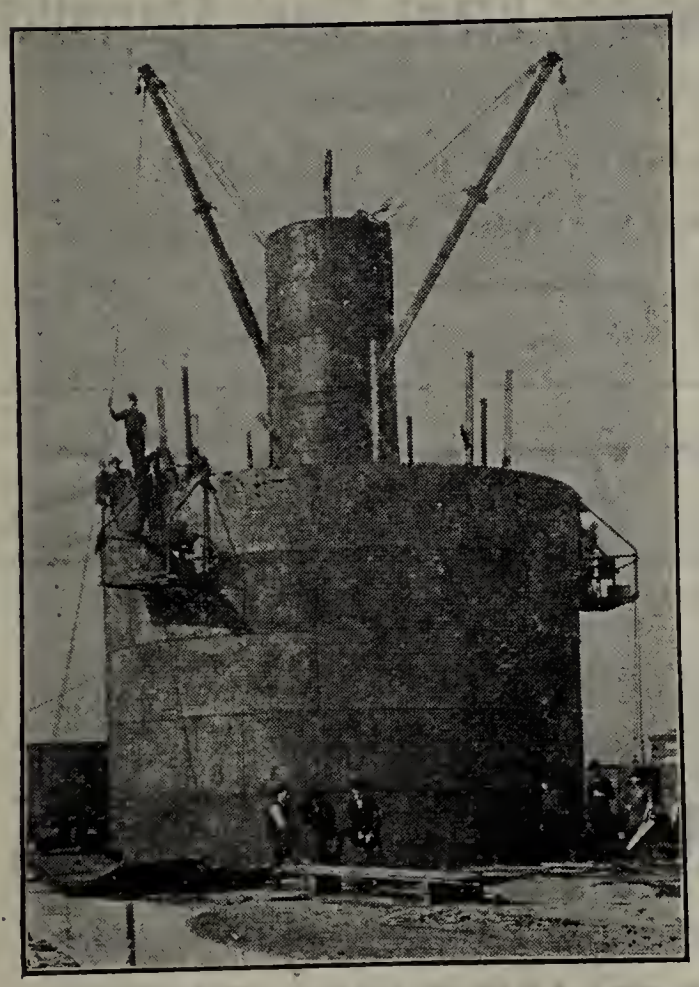
Tanks (Oil)

CHICAGO BRIDGE & IRON WORKS, Throop & 105th, Chicago, Ill. (See adv. index, end of book)
CYELOPEAN IRON WORKS (Jones & Harold), 402-404 Claremont av, Jersey City, N. J. (See adv. index, end of book)
Lacy Mfg. Co., Los Angeles, Cal.
PETROLEUM IRON WORKS CO., Washington, Pa., & Farmers' Bank bldg, Pittsburg, Pa. (See adv. below)
Reeves Bros. Co., Alliance, O.
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)

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Tanks (Pressure)

Allis-Chalmers Co., Office, Home Ins. bldg, Chicago. Works, Chicago, Milwaukee & Scranton, Pa.
Bliss, E. W. Co., 17 Adams, Brooklyn, N. Y.
Fleming Tank Co., 3115 Liberty, Pittsburg, Pa.
Koven, L. O. & Bro., 50 Cliff, New York
PRESSED STEEL TANK CO., 720 Hanover, Milwaukee, Wis. (See adv. below)
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)
Smith, Theo. & Sons Co., ft of Essex, Jersey City, N. J.
Underwood, H. B. & Co., 1025 Hamilton, Philadelphia, Pa.

Tanks (Railroad Water)

FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul; 220 Nicollet av, Minneapolis; 1102 Parnam, Omaha: 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Ore.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Lookout Boiler & Mfg. Co., Chattanooga, Tenn.
PETROLEUM IRON WORKS CO., Washington, Pa., & Farmers' Bank bldg, Pittsburg, Pa. (See adv. preceding page)
Vicksburg Mfg. Co., Vicksburg, Mich.

Tanks (Rendering)

Smith's, Jno. E. Sons Co. (Drop Bottom Steam for Lard, Tallow, Grease, etc.), Buffalo, N. Y.

Tanks (Seamless Steel)

Janney, Steinmetz & Co. (Cold Drawn), Drexel bldg, Philadelphia, Pa.
PRESSED STEEL TANK CO. (Also Seamless Cqlinders), 718 Hanover, Milwaukee, Wis. (See adv. below)

Tanks (Seamless Steel Fire Extinguisher)

PRESSED STEEL TANK CO., 720 Hanover, Milwaukee, Wis. (See adv. below)

Tanks (Slurry)

United Iron Works Co. (For Cement Plants for Mixing Shale, etc.), Springfield, Mo.

Tanks (Soda Fountain)

PRESSED STEEL TANK CO., 720 Hanover, Milwaukee, Wis. (See adv. below)

Tanks (Steel, Hot Water Storage)

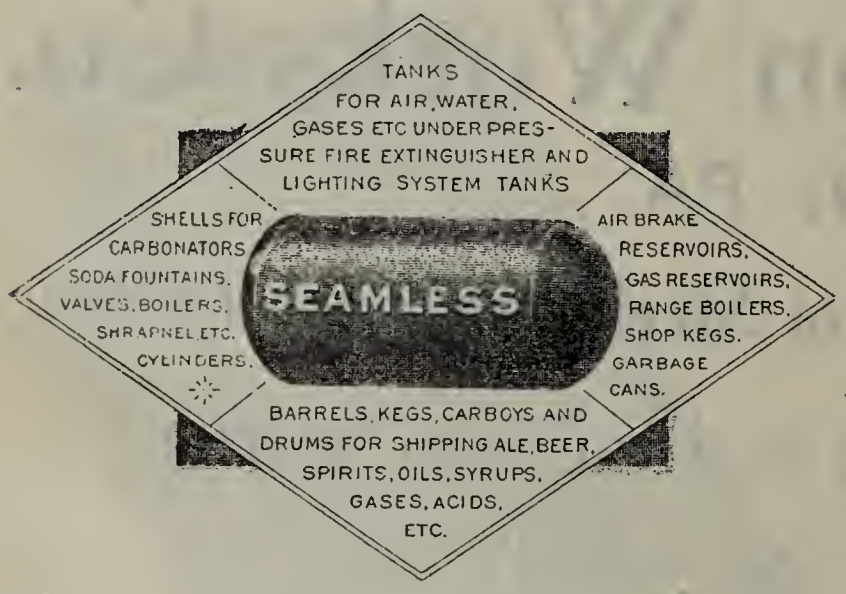
American Radiator Co. (Black & Galvanized). General Office. 282 Michigan av, Chicago; Boston, Mass.; Philadelphia, Pa.; Buffalo, N. Y.; St. Louis, Mo.; Minneapolis. Minn.; Denver, Col.; 44 E 20th, New York; Detroit, Mich.; Milwaukee, Wis.; Cincinnati, O.; Pittsburg, Pa.; Washington, D. C.; Seattle, Wash.; Omaha, Neb., & 89 Shoe Lane, London, Eng.
PETROLEUM IRON WORKS CO., Washington, Pa., & Farmers' Bank bldg, Pittsburg, Pa. (See adv. preceding page)

Tanks (Water, Mounted on Wheels)

Acme Road Machinery Co. (For Steam Rollermen & Others), Frankfort, N. Y.
Case, J. I. Threshing Machine Co. (Steel), Racine, Wis.
Huber Mfg. Co., Marion, O.
Marion Mfg. Co., Marion, O.
Nichols & Shepard Co. (Wood), Battle Creek, Mich.
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
Sallersday Steel Pipe & Tank Co., Waterloo, Ia.

Tanks (Wood)

Aermotor Co., c W 12th & Rockwell, Chicago, Ill.
American Mfg. Co., 2121 Louisiana av, New Orleans, La.
American Stave & Cooperage Co., 205 Chelsea, Boston, Mass.
Baltimore Cooperage Co., Baltimore, Md.
Burkhardt's, Geo. J. Sons, 2831 N Broad, Philadelphia, Pa.
Butler Co., Butler, Ind.
CALDWELL, W. E. CO., Brandeis av & Brook, Louisville, Ky. (See adv. on page 1172)
Corcoran, Andrew J., 11 John, N. Y.
CYPRESS LUMBER CO. (Cypress), 153 Milk, Boston, Mass., & Apalachicola, Fla. (See adv. below)



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Davis, G. M. & Son (Cypress Tanks, Tubs & Vats), Palatka, Fla.
Dunck, Hy., 1012 Sherman, Milwaukee, Wis.
Excelsior Redwood Co., Channel & 4th, San Francisco, Cal.
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 3d, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Ore.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Fernholz Lumber Co., Jefferson, Wis.
Fleming Tank Co., 3115 Liberty, Pittsburg, Pa.
Flint & Walling Mfg. Co., Kendallville, Ind.
Freeman, S. & Sons Mfg. Co. (Also Tanks, Steel), Racine, Wis.
Gray's Harbor Commercial Co. (Fir), Cosmopolis, Wash., & 237 Calif., San Francisco, Cal.
Hall, Amos H., Son & Co. (Cedar, etc.), 2915 N 2d, Philadelphia, Pa.
Hauser, Brenner & Fath Co., McLean av & Bank, Cincinnati, O.
Hayes Pump & Planter Co., Galva, Ill.
Headen, Frank Tank Works, 120 Indiana, Chicago, Ill.
Hooper, C. A. Co., 4th & Channel, San Francisco, Cal.
Huber, Arnold, 233 Central av, Los Angeles, Cal.
Johnson & Carlson, 256 N Halsted, Chicago
Ketter, Fred, 584 4th. Milwaukee, Wis.
Korbel, F. & Bros., 723 Bryant, San Francisco, Cal.
Lewis, H. F. & Co., Ltd. (Cypress), 316 Baronne, New Orleans, La.
Los Angeles Cooperage Co., Lazard & Santa Fe tracks, Los Angeles, Cal.
Markham Mfg. Co., Plymouth, Mich.
Marseilles Mfg. Co., Marseilles, Ill.
Michel Bros. Cooperage Co., Sandusky, O.
Minnesota Tank Co., 805 15th av, S E, Minneapolis, Minn.
National Engineering Co., Saginaw, Mich.
Northwestern Wind Engine Co., 110 3d av, Minneapolis, Minn.
Pacific Mfg. Co. (Redwood), Santa Clara, Cal.
Pacific Tank Co. (Cedar & Pine for Water, Oil, Mining, Cyanide, etc.), San Francisco, & 348 E 2d, Los Angeles, Cal.
Phillips & Worthington, 136 Liberty, New York
Pierce, W. E. & Co., Milford, N. H.
Puffer-Hubbard Mfg. Co., 26th & 32d av, S. Minneapolis, Minn.
Reed & Sherwood, Anoka, Mich.
Roberts, T. W., Bradford, Pa.
Rose, F. M. & Son, Oakland, Cal.
Schwarzwalder, J. & Sons, 629 W 51st, N. Y.
Selden Cypress Door Co. (Cypress), Palatka, Fla.
Smith, John M. & Sons, 1429 Spring Garden, Philadelphia, Pa.
Standard Mfg. Co., Galesburg, Mich.
STEARNS, A. T. LUMBER CO., Neponset, & 166 Devonshire, Boston, Mass. (See adv. index, end of book)
Stecher Cooperage Works, 2907 S 7th, St. Louis.
Stover Mfg. Co., Freeport, Ill. Mo.
Tranor's, O. J. Son, New Iberia, La.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Vorhees & Fisk, Burlington, Wis.
Wandelt, Samuel, 61 N 3d, Brooklyn, N. Y.
Watson Wooden Tank Co., 418 3d av, Pittsburg, Pa.
Wendnagel & Co., W 22d & S Jefferson, Chicago, Ill.
Williams Mfg. Co., Kalamazoo, Mich.
Wilson, F. Cortez & Co., 241 Lake, Chicago, Ill.
Woodmanse Mfg. Co., Freeport, Ill.
Woolford, Geo. Wood Tank Mfg. Co. (Cedar & Cypress), Real Est. Trust bldg, Phila., Pa.

Tanks & Cylinders (Cement)

PETROLEUM IRON WORKS CO., Washington, Pa., & Farmers' Bank bldg. Pittsburg, Pa. (See adv. on page 1173)

Tanks & Cylinders (Creosoting)

PETROLEUM IRON WORKS CO., Washington, Pa., & Farmers' Bank bldg, Pittsburg, Pa. (See adv. on page 1173)

Tanks & Seats

(See Water Closet Seats & Tanks.)

Tanks & Towers (Water Supply)

(See Towers, Steel, also Towers & Tanks, Water & Supply.)

Tap & Drill Cases

Corbin Screw Corporation, New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, Ill., & 925 Market, Phila., Pa.

Tape (Electrical Friction)

Boston Belting Co., 256 Devonshire, Boston. Mass., & 100 Reade, New York
Continental Rubber Works, Erie, Pa.
Diamond Rubber Co., Akron, O.
Goodrich, B. F. Co., Akron, O.
Hartford Rubber Works Co., Hartford, Conn., & 136 Lake, Chicago, Ill.

Tape (Insulating)

Brixey, Rich. DeW. ("Kerite"), 203 B'way, New York
Continental Rubber Works, Erie, Pa.
Diamond Rubber Co., Akron, O.
Electric Appliance Co., 94 W Van Buren, Chicago, Ill
Goodrich, B. F. Co., Akron, O.; 66 Reade, New York, & 141 Lake, Chicago, Ill.
Hope Webbing Co., Providence, R. I.
Johns, H. W.-Manville Co., 100 William, New York; 171 Randolph, Chicago, Ill.; 171 Randolph, Chicago, Ill.; 77 Pearl, Boston. Mass.; 23 N 2d, Phila., Pa.; 217 Clybourn. Milwaukee, Wis.; 14 S Water, Cleveland. O.; 220 1st av, Pittsburg, Pa.; 217 Magazine, New Orleans, La.; 91f N B'way, St. Louis. Mo.; Billister bldgs, London, Eng.
Mechanical Rubber Co., 253 B'way, New York: 230 Randolph, Chicago, Ill., & Cleveland, O.
Mica Insulator Co. ("Tinolape" Oiled Tape). 218 Water, New York
Morgan & Wright (Inc.), 19 N May, Chicago
National India Rubber Co., Bristol, R. I.
New York Insulated Wire Co., 114 Liberty. New York
OKONITE CO., LTD., 253 B'way, New York. (See adv. index, end of book)
Standard Paint Co., 100 William, New York
Sills-Eddy Mica Co. (Imperial Varnish Cloth). Broad St. Exchange, New York, & 34 Newark, N. J.

*Tape (Manson Protecting)

OKONITE CO., LTD., 253 B'way, New York. (See adv. index, end of book)

*Tape (Water-Proof)

New York Insulated Wire Co., 15 Cortlandt, New York. Works, Wallingford, Conn.
OKONITE CO., LTD., 253 B'way, New York. (See adv. index, end of book)

Tapes (Braids & Cords)

Hoffman-Corr Mfg. Co., 107 Duane & 16 Thomas, New York

Tapes (Car Wheel Measuring)

Thorpe Mfg. Co., 50 Woodward av, Detroit, Mich.

Tapes (Insulating)

Boston Woven Hose & Rubber Co. Executive Office & Factory, Cambridgeport, Mass. Stores: 116 Duane, New York; 185 Lake, Chicago, Ill.; 26 S Water, Cleveland, O.; San Fracisco, Cal., & Boston, Mass.

Tapes (Measuring)

Aloe, A. S. Co., 513 Olive, St. Louis, Mo.
Chicago Steel Tape Co. (Steel), Temple Court bldg, Chicago, Ill.

DIETZGEN, EUGENE CO. (Steel, etc.), 181 Monroe, Chicago; 119 W 23d, New York, & 14 1st, San Francisco, Cal. (See adv. index, end of book)
Eddy, Geo. M. & Co., 345 Classen av, Brooklyn, N. Y.
Gurley, W. & L. E., Troy, N. Y.
INDIANAPOLIS BLUE PRINT CO., 142 N Illinois, Indianapolis, Ind. (See adv. index, end of book)
Johnston, Robt. (Tape & Reel), Wilkesbarre, Pa.
KEUFFEL & ESSER CO. (Steel, Metallic & Linen), 127 Fulton, New York; 111 Madison, Chicago, Ill.; 708 Locust, St. Louis, Mo., & 303 Montgomery, San Francisco, Cal.
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QUEEN & CO. (Inc.), 1010 Chestnut, Philadelphia, Pa., & 59 5th av, New York. (See adv. index, end of book)
Roe, Justus & Sons (Steel), Patchogue, N. Y.
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Tapes & Webbing for Dynamos, Etc.

Hope Webbing Co., Providence, R. I.

Tapping Attachments, Drill Press

Gould & Eberhardt (Automatic), Newark, N. J.
Modern Tool Co. ("Star"), Erie, Pa.

Tapping Machines

(See Machines, Tapping; also Machines, Tapping, Gas & Water Mains.)

Taps (Bit Brace)

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Card, S. W. Mfg. Co., Mansfield, Mass.
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Standard Tool Co., Cleveland, O.
Wells Bros. Co., Greenfield, Mass.
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Wiley & Russell Mfg. Co., Greenfield, Mass.

Taps (Blacksmiths')

Besly, Chas. H. & Co. ("Taper"), 15 Clinton, Chicago, Ill.
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Holroyd & Co., Waterford. N. Y.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Pawtucket Mfg. Co., Pawtucket, R. I.
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St. Louis Screw Co., St. Louis, Mo.
Wells Bros. Co., Greenfield. Mass.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)
Wiley & Russell Mfg. Co., Greenfield, Mass.
Winter Bros. Co. (Tapor), Wrentham, Mass.

Taps (Boiler)

Besly, Chas. H. & Co., 15 Clinton, Chicago, Ill.
Carpenter, J. M. Tap & Die Co., Pawtucket, R. I.
Cincinnati Screw & Tap Co., 2442 Beekman, Cincinnati, O.
Cleveland Twist Drill Co., Lake & Kirtland, Cleveland. O.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Pratt & Whitney Co., Hartford, Conn.
St. Louis Screw Co., St. Louis, Mo.
Standard Tool Co., Cleveland. O.
Wells Bros. Co., Greenfield. Mass.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)
Wiley & Russell Mfg. Co., Greenfield, Mass.

Taps (Champagne)

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Taps (Collapsing)

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Morse Twist Drill & Machine Co., New Bedford, Mass.
Mueller, H. Mfg. Co., Decatur, Ill.
Polk, A. J. & Son, Millersburg, Pa.

Taps (Die)

Carpenter, J. M. Tap & Die Co., Pawtucket, R. I.
Cincinnati Screw & Tap Co., 2442 Beekman, Cincinnati, O.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Pratt & Whitney Co., Hartford, Conn.
Reece, E. F. & Co., Greenfield, Mass.
St. Louis Screw Co., St. Louis, Mo.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)

Taps (Hob)

Bay State Tap & Die Co., Mansfield, Mass.
Besly, Chas. H. & Co., 15 Clinton, Chicago, Ill.
Holroyd & Co., Waterford, N. Y.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Polk, A. J. & Son (Sellers), Millersburg, Pa.
Standard Tool Co., Cleveland, O.
Superior Tap Co., Springfield, Vt.
Winter Bros. Co., Wrentham, Mass.

Taps (Machine or Nut)

American Iron & Steel Co., Lebanon, Pa.
American Screw Co., Providence, R. I.
Bay State Tap & Die Co., Mansfield, Mass.
Besly, Chas. H. & Co., 15 Clinton, Chicago, Ill.
Brown, H. B. & Co. (Nut Threading), East Hampton, Mass.
Butterfield & Co., Derby Line, Vt.
Card, S. W. & Co., Mansfield, Mass.
Carpenter, J. M. Tap & Die Co., Pawtucket, R. I.
Chicago Screw Co., 98 W Washington, Chicago
Cincinnati Screw & Tap Co., 2442 Beekman, Cincinnati, O.
Cleveland Twist Drill Co., Lake cor Kirtland, Cleveland, O.
Corbin Screw Corporation, New Britain, Conn.; 15 Murray, New York; 925 Market, Phila., Pa., & 104 Lake, Chicago
Haskell, W. H. Mfg. Co., Pawtucket, R. I.
Holroyd & Co., Waterford, N. Y.
Hoopes & Townsend Co., 1330 Buttonwood, Philadelphia, Pa.
King, J. M. & Co., Waterford, N. Y.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Pawtucket Mfg. Co., Pawtucket, R. I.
Polk, A. J. & Son, Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Reynolds & Co., 321 East, New Haven, Conn.
St. Louis Screw Co., St. Louis, Mo.
Standard Screw Co., 2 N Canal, Chicago, Ill., & Worcester, Mass.
Standard Tool Co., Cleveland, O.
Superior Tap Co., Springfield, Vt.
Wells Bros. Co., Greenfield. Mass.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)
Wiley & Russell Mfg. Co., Greenfield, Mass.
Winter Bros. Co., Wrentham, Mass.

Taps (Machine Screw)

American Screw Co., Providence, R. I., & 19 Lake, Chicago, Ill.
Bay State Tap & Die Co., Mansfield, Mass.
Besly, Chas. H. & Co., 15 Clinton, Chicago
Butterfield & Co., Derby Line, Vt.
Carpenter, J. M. Tap & Die Co., Pawtucket, R. I.
Chicago Screw Co., 98 W Wash'n, Chicago
Cincinnati Screw & Tap Co., 2442 Beekman, Cincinnati, O.
Corbin Screw Corporation, New Britain, Conn.; 15 Murray, New York; 104 Lake, Chicago, & 925 Market, Phila., Pa.
Holroyd & Co., Waterford, N. Y.
King, J. M. & Co., Waterford, N. Y.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Mount Carmel Bolt Co., Mt. Carmel, Conn.
Pawtucket Mfg. Co., Pawtucket, R. I.
Polk, A. J. & Son, Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Reece, E. F. Co., Greenfield, Mass.
Reynolds & Co., New Haven, Conn.
St. Louis Screw Co., St. Louis, Mo.
Standard Screw Co., 2 N Canal, Chicago, Ill.; Standard Tool Co., Cleveland, O.
Superior Tap Co., Springfield, Vt.
Wells Bros. Co., Greenfield, Mass.
Western Tool Co., Lansing, Mich.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)
Wiley & Russell Mfg. Co., Greenfield, Mass.
Winter Bros. Co. ("Thistle"), Wrentham, Mass.

Taps (Machinists' Hand)

Bay State Tap & Die Co., Mansfield, Mass.
Billings & Spencer Co., Hartford, Conn.
Butterfield & Co., Derby Line, Vt.
Carpenter, J. M. Tap & Die Co., Pawtucket, R. I.
Chicago Screw Co., 98 W Washington, Chicago
Cincinnati Screw & Tap Co., 2442 Beekman, Cincinnati, O.
Cleveland, Twist Drill Co., Lake cor Kirtland, Cleveland, O.
Corbin Screw Corporation, New Britain, Conn.; 15 Murray, New York; 925 Market, Phila., Pa., & 104 Lake, Chicago
Hart Mfg. Co., Wood & St. Clair, Cleveland, O.
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
Holroyd & Co., Waterford, N. Y.
Hoopes & Townsend, 1330 Buttonwood, Philadelphia, Pa.
King, J. M. & Co., Waterford, N. Y.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Pawtucket Mfg. Co., Pawtucket, R. I.
Polk, A. J. & Son, Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Reece, E. F. Co., Greenfield, Mass.
Reynolds & Co., New Haven, Conn.
St. Louis Screw Co., St. Louis, Mo.
Standard Screw Co., 2 N Canal, Chicago, Ill.;
Standard Tool Co., Cleveland, O.
Superior Tap Co., Springfield, Vt.
Wells Bros. & Co., Greenfield, Mass.
Western Tool Co., Lansing, Mich.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)
Winter Bros. Co. (Thistle), Wrentham, Mass.

Taps (Patch Bolt)

Bay State Tap & Die Co., Mansfield, Mass.
Besly, Chas. H. & Co., 15 Clinton, Chicago, Ill.
Carpenter, J. M. Tap & Die Co., Pawtucket, R. I.
Cincinnati Screw & Tap Co., 2442 Beekman, Cincinnati, O.
Holroyd & Co., Waterford, N. Y.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Oswego Tool Co., Oswego, N. Y.
Pawtucket Mfg. Co., Pawtucket, R. I.
Polk, A. J. & Son, Millersburg, Pa.
Reece, E. F. Co., Greenfield, Mass.
St. Louis Screw Co., 600 E Clarence av, St. Louis, Mo.
Superior Tap Co., Springfield, Vt.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)
Winter Bros. Co., Wrentham, Mass.

Taps (Pulley)

Bay State Tap & Die Co., Mansfield, Mass.
Besly, Chas. H. & Co., 15 Clinton, Chicago, Ill.
Butterfield & Co., Derby Line, Vt.
Card, S. W. Mfg. Co., Mansfield. Mass.
Carpenter, J. M. Tap & Die Co., Pawtucket, R. I.
Chicago Screw Co., 98 W Wash'n, Chicago, Ill.
Cincinnati Screw & Tap Co., 2442 Beekman, Cincinnati, O.
Cleveland Twist Drill Co., Lake cor Kirtland, Cleveland, O.
Corbin Screw Corporation, New Britain, Conn.; 15 Murray, N. Y.; 104 Lake, Chicago, Ill., 925 Market, Phila., Pa.
Holroyd Co., Waterford, N. Y.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Pawtucket, Mfg. Co., Pawtucket, R. I.
Polk, A. J. & Son, Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Reece, E. F. Co., Greenfield, Mass.

St. Louis Screw Co., 600 E Clarence av, St. Louis, Mo.
Standard Screw Co., 2 N Canal, Chicago, Ill.;
Standard Tool Co., Cleveland, O.
Superior Tap Co., Springfield, Vt.
Wells Bros. Co., Greenfield, Mass.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)
Wiley & Russell Mfg. Co., Greenfield, Mass.
Winter Bros. Co., Wrentham, Mass.

Taps (Stay Bolt)

Bay State Tap & Die Co., Mansfield, Mass.
Besly, Chas. H. & Co., 15 Clinton, Chicago, Ill.
Butterfield & Co., Derby Line, Vt.
Carpenter, J. M. Tap & Die Co., Pawtucket, R. I.
Cincinnati Screw & Tap Co., 2442 Beekman, Cincinnati, O.
Cleveland Twist Drill Co., Lake cor Kirtland, Cleveland, O.
Holroyd & Co., Waterford, N. Y.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Oswego Tool Co., Oswego, N. Y.
Pawtucket Mfg. Co., Pawtucket, R. I.
Polk, A. J. & Son, Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
St. Louis Screw Co., St. Louis, Mo.
Superior Tap Co., Springfield, Vt.
Wells Bros. Co., Greenfield, Mass.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)
Wiley & Russell Mfg. Co., Greenfield, Mass.
Winter Bros. Co., Wrentham, Mass.

Taps (Stove Bolt)

American Tap & Die Co., Greenfield, Mass.
Bay State Tap & Die Co., Mansfield, Mass.
Carpenter, J. M. Tap & Die Co., Pawtucket, R. I.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Mount Carmel Bolt Co., Mt. Carmel, Conn.
Pawtucket Mfg. Co., Pawtucket, R. I.
Polk, A. J. & Son, Millersburg, Pa.
St. Louis Screw Co., 600 E Clarence av, St. Louis, Mo.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)
Winter Bros. Co., Wrentham, Mass.

Taps (Tapper)

Bay State Tap & Die Co., Mansfield, Mass.
Besly, Chas. H. & Co. (Hand), 15 Clinton, Chicago, Ill.
Butterfield & Co. (Bicycle, etc.), Derby Lane, Conn.
Carpenter, J. M. Tap & Die Co., Pawtucket, R. I.
Holroyd & Co., Waterford, N. Y.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Polk, A. J. & Son, Millersburg, Pa.
Superior Tap Co., Springfield, Vt.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)
Winter Bros. Co., Wrentham, Mass.

Taps & Drills (Pipe)

Besly, Chas. H. & Co., 15 Clinton, Chicago, Ill.
Carpenter, J. M. Tap & Die Co., Pawtucket, R. I.
Chicago Screw Co., Chicago, Ill.
Cincinnati Screw & Tap Co., 2442 Beekman, Cincinnati, O.
Cleveland Twist Drill Co., Cleveland, O.
Morse Twist Drill & Machine Co., New Bedford, Mass.
National Twist Drill & Tool Co. ("National"), Detroit, Mich.
Pawtucket Mfg. Co., Pawtucket, R. I.
Pratt & Whitney Co., Hartford, Conn.
St. Louis Screw Co., 600 E Clarence av, St. Louis, Mo.
Standard Screw Co., 2 N Canal, Chicago, Ill.;
Standard Tool Co., Cleveland, O.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)

Taps & Reamers (Pipe)

ASHCROFT MFG. CO., 85, 87, 89 Liberty, New York; 22, 24, 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.
Bay State Tap & Die Co., Mansfield, Mass.
Besly, Chas. H. & Co., 15 Clinton, Chicago, Ill.
Billings & Spencer Co. (Taps Only), Hartford, Conn.
Butterfield & Co., Derby Line, Vt.
Card, S. W. Mfg. Co., Mansfield, Mass.
Carpenter, J. M. Tap & Die Co., Pawtucket, R. I.
Cincinnati Screw & Tap Co., 2442 Beekman, Cincinnati, O.
Cleveland Twist Drill Co., Cleveland, O.
Etna Mfg. Co., 253 B'way, New York
Federal Mfg. Co. (The "O'Brien"), Elyria, O.
Grabler Mfg. Co., Cleveland, O.
Hart Mfg. Co., 22 Wood, Cleveland, O.
Holroyd & Co., Waterford, N. Y.
King, J. M. & Co., Waterford, N. Y.
Lord, L. L. Co., Meadville, Pa.
Mergenthaler, Ott & Co. (Reamers Only), Baltimore, Md.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Mueller, H. Mfg. Co. (Hand), Decatur, Ill.
Oswego Tool Co., Oswego, N. Y.
Pawtucket Mfg. Co., Pawtucket, R. I.
Polk, A. J. & Son, Millersburg, Pa.
Pratt & Whitney Co., Hartford, Conn.
Reed Mfg Co., Erie, Pa.
Saunders', D. Sons, Yonkers, N. Y.
St. Louis Screw Co., 600 E Clarence av, St. Louis Mo.
Standard Tool Co., 1260 Central, Cleveland, O.
Superior Tap Co. (Taps), Springfield, Vt.
Walworth Mfg. Co., 132 Federal, Boston, Mass.
Wells Bros. Co., Greenfield, Mass.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)
Wiley & Russell Mfg. Co., Greenfield, Mass.
Winter Bros. Co., Wrentham, Mass.

Tar Mfrs.

(See Coal Tar Products.)

Tedders (Hay)

Ames Plow Co., Quincy Hall, Boston, Mass.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Hocking Valley Mfg. Co., Lancaster, O.
Howell, R. R. & Co., Minneapolis, Minn.
Johnston Harvester Co., Batavia, N. Y.
Messinger Mfg. Co., Tatamy, Pa.
Ohio Rake Co., Dayton, O.
Osborne, D. M. & Co. (Steel Frame), Auburn, N. Y.
Richardson Mfg. Co., Worcester, Mass.
Silberzahn Mfg. Co., West Bend, Wis.
Sterling Mfg. Co., Sterling, Ill.
Stoddard Mfg. Co., Dayton, O.
Thomas Mfg. Co., Springfield, O.
Wood, Walter A. Mowing & Reaping Machine Co., Hoosick Falls, N. Y.

Teeth (Bundle Carrier)

Harrow Spring Co., Kalamazoo, Mich.

Teeth (Cultivator)

Allen, S. L. & Co., 1017 Market, Phila., Pa.
Bateman Mfg. Co., Grenloch, N. J.
Cambria Steel Co. (Gautier Dept.), Johnstown, Pa., & Arcade bldg, Phila., Pa.
Farquhar, A. B. Co. (Ltd.), York, Pa.
Harrow Spring Co. (Spring), Kalamazoo, Mich.
Hench & Dromgold Co., York, Pa.
Parlin & Orendorff Co., Canton, Ill.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O. ,& 111 Chambers, N. Y. (See adv. index, end of book)

Teeth for Crusher Rolls

Keystone Drop Forge Works, Chester, Pa.
Scranton Forging Co. (For Boal or Salt), Scranton, Pa.

Teeth (Harrow)

WHITMAN & BARNES MFG. CO., (Spring & Spike), West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, N. Y. See adv. index, end of book)

Teeth (Hay Loader)

Harrow Spring Co., Kalamazoo, Mich.
Morgan Spring Co., Worcester, Mass.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)

Teeth (Hay Rake)

WHITMAN & BARNES MFG. CO. (For Sulky Rake), West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)

Teeth (Thresher)

Rhode Island Tool Co. (Steel), Providence, R. I.

Teeth (Weeder)

Harrow Spring Co., Kalamazoo, Mich.

Telegraph Apparatus

Bunnell, J. H. & Co., 20 Park pl, N. Y.
Wotton Electric & Mfg. Co., 52 Greenwood av, Atlanta, Ga.

Telegraph Systems (Wireless)

AMERICAN DEFOREST WIRELESS Telegraphic Co., 42 B'way, New York, N. Y. (See adv. index, end of book)

Telephone Booths

(See Telephone Cabinet Work.)

Telephone Boxes

(See Telephone Cabinet Work.)

Telephone Cabinet Work

American Hardwood Mfg. Co. (Boxes, etc.), Grottoes, Va.
American Veneer Co. (Boxes, etc.), Jersey City, N. J.
Ayers, J. W. Co. (Boxes, etc.), 792 W Madison, Chicago, Ill.
Bauerle & Stark Co. (Boxes, etc.), 224 W Ohio, Chicago, Ill.
Brownell, Chas. H. (Booths, etc.), Peru, Ind.
Hastings Woodworking Co. (Booths, etc.), Hastings, Neb.
Household Sewing Machine Co. (Boxes, Booths, Back Boards, etc.), Providence, R. I.
Huey, M. S. Co. (Boxes, etc.), Indianapolis, Ind.

Jordan, Edw. B. J. (Boxes, etc.), 129 Degraw, Brooklyn, N. Y.
Nelson, Wm. B. & Co. (Cases, etc.), Mattapoisett, Mass.
Noblett, E. J. & Co. (Boxes, etc.), 898 35th, Chicago, Ill.
Sewing Machine Cabinet Co. (On Order), Bridgeport, Conn.
Thies, Wm. & Son (Boxes, etc.), Huntingburg, Ind.
Union Hardware Co. (Boxes, etc.), Torrington, Conn.
Wabash Cabinet Co. (Boxes, etc.), Wabash, Ind.
Wilhelm Telephone Co. (Boxes, etc.), Buffalo, N. Y.
Yesbera Mfg. Co. (Booths, etc.), Toledo, O.

Telephone Hand Microphone

Haines & Hoyes Co., 153 S Jefferson, Chicago, Ill.

Telephone Holders

(See Brackets, Desk Telephone.)

Telephone Magnet Cores

Federal Mfg. Co., American Trust bldg, Cleveland, O.

Telephone Mouthpieces

American Hard Rubber Co.. 9 Mercer, N. Y.
Dickinson Hard Rubber Co., Springfield, Mass.
ELECTROSE MFG. CO. (Transmitters, etc.), 127 N 10th, Brooklyn, N. Y.
Rauscher, John. 98 W 3d, St. Paul, Minn.
Thomas, R. & Sons Co., East Liverpool, O.
Vulcanized Rubber Co., 568 B'way, N. Y.

Telephone Parts

Buescher Mfg. Co., Elkhart, Ind.

Telephone Pins

Gnrthie Tuck Mfg. Co., Homer City, Pa.

Telephone Pole Changer

Warner Electric Co. (For Ringing Telephones), Muncie, Ind.

Telephone Protectors

American Electric Fuse Co., 50 W Jackson boul, Chicago, Ill.
Central Telephone & Electric Co., 909 Market, St. Louis, Mo.
Cook, F. B., 244 W Lake, Chicago, Ill.
D. & W. Fuse Co.. Providence, R. I.
Fuse, D. & W. Co., 47 Pine, Providence, R. I.
Harvard Electric Co., 224 S Clinton, Chicago, Ill.

Telephone Receivers & Shells

American Enamel Co., Providence, R. I.
American Hard Rubber Co., 9 Mercer, N. Y.
Dickinson Hard Rubber Co., Springfield, Mass.
ELECTROSE MFG. CO. (Cases, Handles, etc.), 127 N 10th, Brooklyn, N. Y.
Murdock, W. J. & Co., Chelsea, Mass.
Vulcanized Rubber Co., 568 B'way, N. Y.
Williams Telephone & Supply Co., Cleveland, O.

Telephone Relay Shells

Federal Mfg. Co., Elyria, O.

Telephone Ringing Apparatus

Roth Bros. & Co., 29 S Clinton, Chicago, Ill.
Warner Electric Co., Muncie, Ind.

Telephone Trade Publications

American Telephone Jonrnal, 116 Nassau, N. Y.

Telephone Transmitters

Andrae, Julius & Sons Co., 225 W Water, Milwaukee, Wis.
Haines & Noyes Co. (Non-Packing), 153 S Jefferson, Chicago
Kellogg Switchboard & Supply Co., 231 S Green, Chicago
Moore Telephone Mfg. Co., Caro, Mich.
Williams Telephone & Supply Co., Cleveland, O.

Telephone Woodwork

(See Telephone Cabinet Work.)
(Also Woodwork, Electrical.)

Telephone & Telegraph Poles (Steel)

(See Poles, Iron & Steel Trolley.)

Telephone & Telegraph Poles (Wood)

(See Ties, Poles & Posts.)
(Also Lumber Mfrs. & Wholesalers.)

Telephones (Ericsson System)

Ericsson Telephone Co., 296 B'way, N. Y.

Telephones (Interior)

Acme Electric Co., 194 S Clinton, Chicago, Ill.
Allen-Hussey Co., 66 W Jackson boul, Chicago,
Altman & Co., 69 Dearborn, Chicago
Amer. Watchman's Time Detector Co., 234 B'way, N. Y.
Clark Automatic Telephone Switchboard Co. (Automatic), Providence, R. I.
Ericsson Telephone Co., 296 B'way, N. Y.
Garl Electric Co., Akron, O.
Manhattan Electrical Supply Co., 32 Cortlandt, N. Y., & 188 5th av, Chicago
New York Telephone Co., 18 Cortlandt, New York
Thwaites & Horner ("Thwaites" Intercommunicating), 1215 Filbert, Phila., Pa.
Vonght-Berger Co., La Crosse, Wis.

Telephones & Apparatus

(See also Switchboards, Telephone.)

Ackerman, Chas. N. & Co. (Inter-Communicating), 287 Elm, Chicago, Ill.
Allen-Hnssey Co. (Interior), 66 W Jackson boul, Chicago
Altman & Co. (Automatic Inter-Commnnicating), 69 Dearborn, Chicago
American Constrnction & Trading Co., Elyria, O
American Electric Telephone Co., 36 W Jackson bonl, Chicago
American Machine Telephone Co., Piqua, O.
American Push Button Telephone Co., 136 Liberty, New York
Andrae, Julius & Sons Co., 225 W Water, Milwaukee, Wis.
Atwater-Kent Mfg. Works ("Monoplex"), 119 N 6th, Phila., Pa.
Automatic Electric Co. Morgan & Van Buren, Chicago, Ill.
Automatic Telephone Switch Co., 529 N 9th, Phila., Pa.
Bradley, E. C. & Co., Rochester, N. Y.
Central Construction Co., Wauseon, O.
Central Telephone & Electric Co., 909 Market, St. Lonis, Mo.
Century Telephone Construction Co., Ellicott bldg, Buffalo, N. Y.
Chicago Telephone Snpply Co., Elkhart, Ind.
Clark Automatic Telephone Switchboard Co., Providence, R. I.
Country Home Telephone Mfg. Co., 215 S Clinton, Chicago
Commercial Electrical Supply Co., 1007 Market, St. Louis, Mo.
Connecticut Telephone & Electric Co., Meriden, Conn.
Cook, Frank B., Chicago, Ill.
Couch, S. H. Co., 156 Pearl, Boston, Mass.
Couch & Seeley Co., 26 Binford, Boston. Mass.
De Veau Telephone Mfg. Co. ("Automatic Switchless"), 27 Rose, New York
Dunham Telephone Mfg. Co., Dunham, N. C.
Eastern Telephone Mfg. Co., West Chester, Pa.
Electric Appliance Co., 92 Van Buren, Chicago, Ill.
Electric Gas Lighting Co., 195 Devonshire, Boston, Mass.
Electric Supply Co., Sioux City, Iowa
Electrical Appliance Co., 132 Opera pl, Cincinnati, O.
Elliott, Larkin V., 520 Mass av, Indianapolis, Ind.
Elliott Telephone Co., 520 Mass. av, Indianapolis, Ind.
Ericsson Telephone Co., 296 B'way, N. Y.
Eureka Electric Co., 143 S Clinton, Chicago
Fahnstock Transmitter Co., 74 Cortlandt, N. Y.
Farr Telephone & Construction Supply Co., 118 W Jackson boul, Chicago
Fisk & Newhall, 172 S Clinton, Chicago, Ill.
Fitzsimmons Telephone Mfg. Co., 5th & Sycamore, Cincinnati, O.
Garl Electric Co. (Intercommunicating Long Distance Desk, Hotel, Factory & Store, Portable Street Railway, etc.), Akron, O.
Garrett, Miller & Co., 4th & Orange, Wilmington, Del.
Gemmill Telephone & Mfg. Co., Crawford rd, Cleveland, O.
Gilleland Electric Co., Adrian, Mich.
Globe Automatic Telephone Co., 153 W Jackson boul, Chicago
Green Telephone & Elec. Mfg. Co., 204 Grand av, Milwaukee, Wis.
Haines & Noyes Co., 153 S Jefferson, Chicago, Ill.
Hipwell Mfg. Co., 831 North av, Allegheny, Pa.
Hodge-Walsh Elec. Engineering Co., 701 Del av, Kansas City, Mo.
Holtzer-Cabot Electric Co.. Brookline, Mass.
Home Telephone & Electric Co., Pittsburg, Pa. Works, New Kensington, Pa.
International Telephone Mfg. Co.. Harrison & Clinton, Chicago
Jenkins Electric Co., York, Pa.
Kellogg Switchboard & Supply Co., Green & Congress, Chicago
Keystone Electric Telephone Co., 822 5th av, Pittsburg, Pa.
Kinsman Electric & Railway Supply Co., 91 Liberty, N. Y.
Kokomo Telephone & Electric Mfg. Co., Kokomo, Ind.
Kusel, David A., 1119 Pine, St. Louis, Mo.
McOuat, Robt. L., Indianapolis, Ind.
Manhattan Electrical Supply Co., 32 Cortlandt, N. Y., & 188 5th av, Chicago
Minnesota Electric Co., 309 2d av, S. Minneapolis, Minn.
Modern Electric Co., Burlington, Iowa
Monarch Telephone Mfg. Co., 14 S Clinton, Chicago, Ill.
Moore Telephone Mfg. Co., Caro, Mich.
North Electric Co., 157 St. Clair, Cleveland, O.
Novelty Electric Co., 52 N 4th. Phila., Pa.
Pattengell, C. E. Son & Co., 116 John, N. Y.
PETTES & RANDALL CO. (Interior), 150 Nassau, New York. (See adv. index, end of book)
Pullen, Leon H. Elec. Co., 618 Chestnut, Phila., Pa.
Randall-Loudon Electrical Co., Memphis, Tenn.
Rawson Electric Co., Elyria, O.
Rhode Island Telephone & Electric Co., Providence, R. I.
Schmidt-Lambert, Telephone Mfg. Co. (Exterior & Long Distance), Weehawken, N. J.
Signalphone Co., Milwaukee, Wis.
Simplex Interior Telephone Co., 19 E 3d, Cincinnati, O.
Spencer Electrical Co., 163 Greenwich, N. Y.
Standard Electric Co., 113 W 3d, Cincinnati, O.
Standard Telephone & Electric Co., Madison, Wis.
Stanley & Patterson (Inc.), 40 Cortlandt, New York
Sterling Electric Co., Lafayette, Ind.
Stoddard Telephone Construction Co., Monroe, Mich.
Stromberg-Carlson Telephone Mfg. Co. (& Construction Material), Rochester, N. Y., & 72 W Jackson boul, Chicago

Sumpter Telephone Mfg. Co., Sumpter, N. C.
Swedish-American Telephone Co., 76 W Jackson boul, Chicago
Telephone Mfg. Co., Sumpter, S. C.
Tucker, Frank S. & Co., 1 Hartford, Boston, Mass.
Utica Fire Alarm Telegraph Co., Utica, N. Y.
Varney Electrical Supply Co., 235 S Meridan, Indianapolis, Ind.
Viaduct Mfg. Co., 10 S Howard, Baltimore, Md.
Victor Telephone Works, 207 S Canal, Chicago, Ill.
Vought-Berger Co., La Crosse, Wis.
Wentworth & Blake, 19 High, Boston, Mass.
West Electric Co., Mt. Vernon, N. Y.
Western Telephone Mfg. Co., 75 W Jackson boul, Chicago. Works, Winthrop Harbor, Ill.
Wilhelm Telephone Mfg. Co., 45 N Division, Buffalo, N. Y.
Williams-Abbott Electric Co. (H. S. B.), Cleveland, O.
Williams, E. G. Electric Works, 145 Quincy, Cleveland, O.
Williams Telephone & Supply Co., Cleveland, O.
Wotton Electric & Mfg. Co., 52 Greenwood av, Atlanta, Ga.

Telpherage Telphers

United Telpherage Co., 20 Broad, N. Y.

Templates for Drilling Flanges

Western Tube Co., Kewanee, Ill.

Ten Pins

Hellenberg, J. B. & Son, Coldwater, Mich.

Tents (Camping, Lumberman's, Etc.)

CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)

Tents for Railroad Contractors

ILLINOIS.

CHICAGO—**CARPENTER, GEO. B. &** Co., 202 S Water. (See adv. index, end of book)
Channon, H. Co., Market & Randolph
Cook, E. C. & Bro., 49 E Kinzie
Carpenter, Geo. B. & Co., 202 S Water
Delta Mfg. Co., 30 S Canal
Lieb, P. & Co., 19 W Randolph
ELGIN—Zeigler Bros.
PEORIA—Peoria Tent & Awning Co., 119 Main

IOWA

SIOUX CITY—McNeil, H. C. & Son

MISSOURI.

KANSAS CITY—Baker & Lockwood, 415 Delaware
Kansas City Tent & Awning Co.
ST. LOUIS—American Tent & Awning Co., Chestnut & 2d
Babtiste Tent & Awning Co., 612 N 3d
Doughery Bros. Tent & Awning Co., 218 Market
Globe Tent & Awning Co., 19 S 10th
Missouri Tent & Awning Co., Chestnut & 2d
Morrison Tent & Awning Co., 115 Olive
Mound City Duck & Rubber Co., 616 N 3d
Sanders Duck & Rubber Co., 805 Wash'n av
United States Tent & Awning Co., 115 Market
Wenzel, Herman, Main cor Elm
Zittlosen Mfg. Co., 310 Elm

NEW YORK

NEW YORK—Bauman, Chas. R., 86 South
Harrison, John (Est. of), 170 South
Harwood & Son (Also Export), 175 W Bway
Hopkins, Jno. C. & Co., 119 Chambers
McHugh, John F., 106 W 37th
Magee, M. & Son, 147 Fulton
Martin, Thomas, 326 Canal
Rehm & Co., 141 Fulton
Skelton, Frederick, 681 6th av

OREGON.

PORTLAND—Ames & Harris
Portland Tent & Awning Co.

TENNESSEE.

MEMPHIS—Bluff City Tent & Awning Co., 315 2d
Lee Bros., 292 Front
Memphis Tent & Awning Co., 200 Main
Owens Tent Co., 276 Front

Terazzo Flooring

BATTERSON & EISELE, 431 11th av, New York. (See adv. index, end of book)
Empire City Marble Co., 250 11th av, N. Y.
Italian Marble Mosaic Co., 431 Spruce, Phila., Pa.
Schoone Mosaic Co., 234 E 6th, Cincinnati, O.
Murdock Corporation, 156 Boyleston, Boston
National Building Supply Co. (Venetian Mosaics), Baltimore, Md.
Sherman & Flavin, 2513 State, Chicago, Ill.
Shipway, John H. & Bro., ft E 136th, N. Y.
Toscani, J. A. & Co., 215 E 36th, New York

Terazzo (Wholesale)

Roussel, Chas. J., 524 W 50th, New York

Terminals (Fuse)

Central Telephone & Electric Co., 909 Market, St. Louis, Mo.
McIntire, C. Co., 13 Franklin, Newark, N. J.
Moon Mfg. Co., 49 S Canal, Chicago, Ill.
Sterling Electric Co., Lafayette, Ind.

Terminals (Telephone Cable)

American Electric Telephone Co., 38 W Jackson boul, Chicago, Ill.
Bissell, F. Co., Toledo, O.
Eureka Electric Co., 143 S Clinton, Chicago, Ill.
Harvard Electric Co., 224 S Clinton, Chicago, Ill.
Moon Mfg. Co., 49 S Canal, Chicago, Ill.
Mountain State Electrical Co., Wheeling, W. Va.
Sterling Electric Co., Lafayette, Ind.

Terne Plates (Charcoal Iron)

AMERICAN SHEET & TIN PLATE Co. (Genuine Charcoal Iron Base), Frick bldg, Pittsburg, Pa. District Sales Offices: Battery Park bldg, New York; Rookery bldg, Chicago, Ill.; Union Trust bldg, Cincinnati, O.; Chemical bldg, St. Louis, Mo.; Ainsworth blk, Portland, Ore.; Hennen bldg, New Orleans, La.; Equitable bldg, Denver, Col.; Union Trust bldg, Detroit, Mich., & Mills bldg, San Francisco, Cal. (See adv. index, end of book)
Griffith, W. H. Co., Waynesburg, Pa.

Terra-Alba

KEYSTONE PLASTER CO. (For Paint Mfrs.), Chester, Pa., 26th & E. N W Washington, D. C.; 16 S Broad, Phila., Pa., & Williamsport, Pa.
King, J. B. & Co., 1 B'way, N. Y., & Buffalo, N. Y.
Nevins, Sam'l Co., 109 S 2d, Phila., Pa.
Salmon, L. A. & Bro., 216 Pearl, N. Y.

Terra Cotta (Architectural)

American Clay Product Co., Wilkesbarre, Pa.
American Terra Cotta & Ceramic Co., Chicago, Ill., & Terra Cotta, Ill.
Atlanta Terra Cotta Co., Austell bldg, Atlanta, Ga.
Atlantic Terra Cotta Co., 287 4th av, New York. Works, Tottenville, S. I., N. Y.
BOSTON FIRE BRICK CO. (Geo. M. Fiske, Mgr.), 161 Devonshire, Boston, Mass. (See adv. index, end of book)
Bradford Terra Cotta Co. (Glazed or Unglazed), Bradford, Pa. Works, Lewis Run, Pa.
Brick Terra Cotta & Tile Co., Corning, N. Y.
CARTER, BLACK & AYERS (Mfrs.' AGTS.), 1 Madison av, N. Y. (See adv. index, end of book)
CINCINNATI WALL TIE CO., 228 W 4th, Cincinnati, O. (See adv. index, end of book)
Clark, N. & Sons, 17 Spear, San Francisco, Cal.

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Excelsior Terra Cotta Co., 1170 B'way, N. Y.
Gladding, McBean & Co., Rialto bldg, San Francisco, Cal. Works, Lincoln, Cal.
Indianapolis Terra Cotta Co., Brightwood, Indianapolis, Ind
Ketcham, O. W. (Mfrs. Agent), 24 S 7th, Phila., Pa.
Lage, Bernhard H., 491 G'wich, New York. Factory, Menlopark, N. J.
LAWES, GEO. H. & CO. (Mfrs.' Agent), Gilfillan bldg, St. Paul, Minn. (See adv. index, end of book)
NEW JERSEY TERRA COTTA CO., 108 Fulton, New York
New York Arch'l Terra Cotta Co., 1 Madison av, N. Y.; Long Island City, New York, & Real Estate Trust bldg, Phila., Pa.
NORTHWESTERN TERRA COTTA Co., Main Office & Works, 1000 Clybourn av. Branch Office, 1415 Railway Exchange Chicago, Ill. (See adv. below)
Penn Bluff Brick & Tile Co., Prudential bldg, Newark, N. J.
South Amboy Terra Cotta Co., 150 Nassau. New York Works, Perth Amboy, N. J.
Rogers Terra Cotta Co., Moorestown, N. J.
St. Louis Terra Cotta Co., 5815 Manchester av, St. Louis, Mo.
South Amboy Terra Cotta Co., 150 Nassau, N. Y.
Southern Terra Cotta Works, Atlanta, Ga.
STANDARD TERRA COTTA CO., 287 4th av, N. Y.; Perth Amboy, N. J., & Equitable bldg, Boston, Mass.
Steiger, A., Sons, San Jose, Cal.
THOMAS, E. H. (Mfrs.' Agent), 1123 B'way, N. Y.
Tyler, Owen (Mfrs.' Agent), Tyler bldg, Louisville bldg
Washington Brick, Lime & Mfg. Co., Spokane, Wash.
White, Scott A. (Mfrs.' Agent, Norwestern), 811 Lewis blk, Pittsburg, Pa.
WINKLE TERRA COTTA CO., Chel-tenham, Mo., & 502 Century bldg, St. Louis, Mo. (See adv. preceding page)

Terra Cotta (Architectural Enameled)

Gladding, McBean & Co., San Francisco, Cal. Works, Lincoln, Cal.
NORTHWESTERN TERRA COTTA Co., Main Office & Works, 1000 Clybourn av. Branch Office, 1415 Railway Exchange, Chicago, Ill. (See adv. below)

Terra Cotta (Glazed)

Atlanta Terra Cotta Co., 6 Austell bldg, Atlanta, Ga.
Atlantic Terra Cotta Co., 287 4th av, N. Y. Works, Tottenville, S. I., N. Y.
BOSTON FIRE BRICK CO. (Geo. M. Fiske, Mgr.), 161 Devonshire, Boston, Mass. (See adv. index, end of book)
Hartford Faience Co., Hartford, Conn.
Grueby Faience Co., E 1st & K, Boston, Mass.
Lage, Bernhard H., 491 G'wich, New York
NORTHWESTERN TERRA COTTA Co., Main Office & Works, 1000 Clybourn av. Branch Office, 1415 Railway Exchange, cago, Ill. (See adv. below)
Perth Amboy Terra Cotta Co., 160 5th av, N. Y. Works, Perth Amboy, N. J
THOMAS, E. H. (Mfrs.' Agt), 1123 B'way, N. Y.

Terra Cotta Hip Rolls

(See Roofing Tile, Terra Cotta.)

Terra Cotta Lumber

(See Fire Proofing, Hollow Tile; Also Fire Proofing, Porous Brick & Tile.)

Testers (Creamery)

Burrell, D. H. & Co. ("Facile & Babcock"), Little Falls, N. Y.
Creamery Package Mfg. Co. ("Ideal"), Chicago, Ill.
Dairy Specialty Co. ("Babcock"), Westchester, Pa.
Edson, Wyman L., Union Center, N. Y.
Fargo, F. B. & Co. ("Victor & Ideal Babcock"), Lake Mills, Wis.
Jones, Frank L., Utica, N. Y.
Polar Creamery Co. ("Fowlers" Improved), Lafayette, Ind.
Sharples Co. (Russian Standard & "No-tin" "Babcock"), Chicago, Ill.
Vermont Farm Machine Co. (Agos, "Babcock"), Bellows Falls, Vt.
Zero Creamery Co., Peru, Ind.

Testers (Paper)

Perkins, B. F. & Son ("The Mullans"), Holyoke, Mass.

Testing Apparatus (Ventilator)

QUEEN & CO. (Inc.), 1010 Chestnut, Phila., Pa., & 59 5th av, New York. (See adv. index, end of book)

Testing Instruments & Meters (Electrical)

QUEEN & CO. (INC.), 1010 Chestnut, Philadelphia, Pa., & 59 5th av, New York. (See adv. index, end of book)

THE NORTHWESTERN TERRA-COTTA COMPANY

MANUFACTURERS OF

HIGH GRADE

Architectural Terra-Cotta

ENAMELED WORK A SPECIALTY.

MAIN OFFICE AND WORKS:
1000 Clybourn Ave.,

BRANCH OFFICE:
1415 Railway Exchange Building,

CHICAGO.

Testing Laboratories

Booth, Garrett & Blair. 404 Locust, Phila., Pa.
Conrad, W. R., Burlington, N. J.
Pittsburg Testing Laboratory, Pittsburg, Pa.; New York, Chicago & Philadelphia
St. Louis Sampling & Testing Works (Ores, Fuels, etc.), St. Louis, Mo.
Spackman, Henry S. Engineering Co., 1619 Filbert, Phila., Pa.

Testing Machine Mfrs.

(For All Testing Machines See Index of Contents.)

Textile Machinery, Supplies, etc.

NOTE.—For various kinds of Textile Machinery, Textile Mill Supplies, etc., see sub-classifications of this head, following in regular alphabetical order. If you fail to find any particular article you are looking for classified here, consult the Index of Contents. If not then successful in locating it, drop us a line, describing article required, and we will, free of charge, use our best efforts to look it up for you.

ALPHABETICAL LIST OF MACHINERY MFRS.

(See sub-headings for the specific article.)
(See also Sewing Machine Mfrs., page 1064)

Abbott, J. V. Mfg. Co. (Cotton), Dedham, Mass.
Adams, Geo. H. & Co. (Knitting), Hill, N. H.
Adams, J. & M. J. (Cylinders, Rolls, etc.), 46 Leverett, Lowell, Mass.
Adams Laundry Machinery Co. (Dyeing), Troy, N. Y.
Altemus, Jacob K. (Spoolers, Warpers, Quillers, Reels, etc.), 2824 N 4th, Phila., Pa.
American Blower Co. (Dryers), Detroit, Mich.
American Card Clothing Co. (Carding, Spinning, etc.), Worcester, Mass.
American Dyeing Machine Co., Camden, N. J.
American Knitting Machine Co. (Hosiery), 56 N 6th, Phila., Pa.
American Loom Co. (Looms), Readville, Mass.
American Machine Works, 420 Samson, Phila., Pa.
American Moistening Co. (Humidifying Apparatus), Equitable bldg, Boston, Mass.
American Napping Machine Co., Williamstown, Mass.
American Raveler Co. (Ravelers), Philmont, N. Y.
American Supply Co. (Testing), Providence, R. I.
AMERICAN TOOL & MACHINE CO. (Hydro-Extractors), 199 Beach, Boston, Mass.
Amidon, S. B. (Weaving), Staffordville, Conn.
ANDREWS & JOHNSON CO. (Drying), 256 W Washington boul, Chicago, Ill. (See adv. index, end of book)
Ardrey, S. B. & Sons (Brushing), Bristol, Pa.
Arguta Oilless Bearing Co., 149 W Berkley, Phila., Pa.
Arlington Machine Works (Dyeing), Arlington Heights, Mass.
Arthur Co., 188 Front, New York
Ashworth, Elijah (Carding), 89 Globe Mills av, Fall River, Mass.
Atherton, A. T. Machine Co. (Cotton), Pawtucket, R. I.
Atherton Machine Co. (Silk Machinery), Paterson, N. J.
Atlas Foundry & Machine Co. (Carding), Belleville, N. J.
Atwood-Crawford Co. (Spooling), Pawtucket, R. I.
Atwood-Morrison Co. (Silk Looms), Stonington, Conn.
Austin, M. E. & Co. (Specialties), Lawrence, Mass.
Automatic Twisting-In Machine Co., 31 Cotton Exch., New York
BADGER, E. B. & SONS CO., 63 Pitts, Boston, Mass. (See adv. index, end of book)
Bagshaw, W. H. (Est. of), Lowell, Mass.
Barker, Jas. (Card Grinding), Phila., Pa.
Barlow, Jno. W. Co., Lawrence, Mass.
Beattie, Wm. & Son (Knitting), Cohoes, N. Y.
Berlin Machine Works, 149 B'way, N. Y.
Billington, Jas. H. Co. (Cotton Carding), 113 Chestnut, Phila., Pa.
Birch Bros. (Bleaching, Dyeing, Finishing, etc.), Somerville, Mass.
Birmingham Iron Foundry (Cloth Brushing), Derby, Conn.
Blanding, C. L. Mfg. Co., Providence, R. I.
Borchers, Richard C. & Co. (Napping), Womrath & Tackawanna, Fkd., Phila., Pa.
Boss Knitting Machine Works (Hosiery), Reading, Pa.
Boston Blower Co. (Dryers), Hyde Park, Mass.
Branson Machine Co. (Knitting), 500 N American, Phila., Pa.
Breedon's, Wm. Sons (Burring), Amsterdam, N. Y.
Brigham, Arthur A., 186 Devonshire, Boston, Mass.
Brinton, H. & Co. (Knitting), 213 Race, Phila.,
Brown, Jas. (Est. of), (Cotton), Pawtucket, R. I.
Brownell, G. L. (Spinning), 49 Union, Worcester, Mass.
Bucyrus Knitting Machine Co. (Knitting), Bucyrus, Ohio
Burgess, A. & Son (Specialties), Providence, R. I.
Butterworth, H. W. & Sons Co. (Bleaching, Printing, Dyeing, Finishing, etc.), 3415 E York, Phila., Pa.
CALDWELL, W. E. CO., Brandies av & Brook, Louisville, Ky. (See adv. index, end of book)
Campbell & Clute Machine Co. (Knitting), Cohoes, N. Y.
Carroll, Wm. T. (Spinning), 25 Hermon, Worcester, Mass.
Champion Buttonhole Machine Co., 368 Congress, Boston, Mass.
Clark, Geo. P. Co. (Dyeing), Windsor Locks, Conn.
Clark Machine & Fdry. Co. (Pickers, Cards, etc.), Franklin, Mass.
Clark, W. J., Salem, O.
Cleveland Machine Works (Cloth Rolling), Worcester, Mass.
Cohoes Iron Foundry & Machine Co. (Cotton & Woolen Mill), Cohoes, N. Y.
Cole Bros. (Banding), Pawtucket, R. I.
Collyer Machine Co. (Blacking), Pawtucket, R. I.
Cook, Stephen S., 624 Race, Phila., Pa.
Covel & Osborne, Fall River, Mass.
Crabb, Wm. & Co. (Flax), Newark, N. J.
Crane Mfg. Co. (Knitting), Lakeport, N. H.
Crompton & Knowles Loom Works (Weaving), Worcester, Mass.
Curtin-Herbert Mfg. Co. (Glove), 75 S Main, Gloversville, N. Y.
Curtis & Marble Machine Co. (Cloth Finishing, Wool Picking, etc.), Worcester, Mass.
Cutler, Aaron T., 194 Front, Worcester, Mass.
Davis-Furber Machine Co., No. Andover, Mass.
Defiance Button Machine Co., 266 Greene, New York
Defiance Machine Works (Bobbins), Defiance, O.
Delahunty Dyeing Machine Co. (Dyeing), Pittston, Pa.
Dennis, John & Co. (Plush Cutting, etc.), Lowell, Mass.
Douglas Mfg. Co., Fall River, Mass.
Draper Co. (Cotton Looms, Twisters, Warpers, Spooiers, etc.), Hopedale, Mass
Eastman Machine Co. (Cloth), 45 N Division, Buffalo, N. Y.
Easton & Burnham Machine Co. (Cotton), Pawtucket, R. I
Eastwood, Benj. Co. (Looms), Paterson, N. J
Eckersley, Richard (Knitting), 214 W Dauphin, Phila., Pa
Eddy, W. Plow Co. (Flax), Greenwich, N. Y.
Elliott & Hall (Cloth), 54 Hermon, Worcester, Mass
English, C. R. Co., 204 Summer, Boston, Mass.
Entwistle, T. C. Co. (Card Grinding, Warping, Beaming, etc.), c Market & Worthen, Lowell, Mass
Excelsior Knitting Machine Mfg. Co., c Meadow & Wash'n, Allentown, Pa
Fabric Measuring & Packaging Co., 82 Centre, N. Y.
Fales, L. F. (Sewing), Walpole, Mass.
Fales & Jenks Machine Co., Pawtucket, R. I
Fall River Foundry & Machine Co. (Cotton Carding), Fall River, Mass.
Farrell Foundry & Machine Co., Ansonia, Conn
Firth, Wm. Co. (Spinning, Self-Acting Mules), 150 Devonshire, Boston, Mass
Fisher Knitting Machine Co., 2 N Genesee, Utica, N. Y.
Flexible Machine Works (Inc.), (Knitting), Reading, Pa.
Foley & Williams Mfg. Co., 46 E Jackson, Chicago, Ill.
Foster Machine Co. (Winding), Westfield, Mass.
Franklin Machine Co. (Carding, Spinning, Twisting, etc.), Providence, R. I.
Garland Mfg. Co., Saco, Me.
Gearhart, Jos. E. (Knitting), Clearfield, Pa.
Gessner, David (Cloth), Worcester, Mass.
Globe Machine Works (Denn & Cocker, Props.), 209 Oxford, Fdk, Phila., Pa.
Goodwin, J. C. (Knitting), 2d & Diamond, Phila., Pa.
Greene & Wood, New Bedford, Mass.
Gutta Percha & Rubber Mfg. Co., 126 Duane, New York; 96 Lake, Chicago, Ill.; 11 Pearl, Boston, Mass., & 26 Fremont, San Francisco, Cal.
Halton's, Thos. Sons (Jacquard), E Allegheny av cor C, Phila., Pa.
Hartson, L. M. Co. (Silk), No Windham, Conn.
Harwood, Geo. S. & Son, 53 State, Boston, Mass.
Haskell-Dawes Machine Co. (Jute Machinery, etc.), 176 Federal, Boston, Mass.
Heathcote, John & Son (Drying), Providence,
Hemmingway Machine Co., Lynn, Mass. R. I.
Hemphill Machine Co. (Knitting), Pawtucket, R. I.
Hepworth, J. W. & Co. (Knitting), Lehigh & Mascher, Phila., Pa.
Holyoke Machine Co. (Blacking, Bleaching & Cloth, etc.), Holyoke, Mass.
Hope Jno. & Sons, Engraving & Manufacturing Co., Providence, R. I.
Hopkins Machine Works (Cloth Washing, Piece Dyeing, etc.), Bridgeton, R. I.
How & Bassett (Testing, Reeling, etc.), Norfolk Downs, Mass.
Howard Fdy. & Machine Works (Finishing), Landsdowne, Pa.
Howard & Bullough American Machine Co. Ltd. (Cotton Spinning & Twisting, frames, Cards, Warpers, etc.), Pawtucket, R. I.
Hudson Fibre Co. (Carbonizers), Hudson, N. Y.
Hughes & Russum (Looms), Fkd, Phila., Pa.
Hunt, Rodney Machine Co. (Cloth Washing, etc.), Orange, Mass.
Hunter, Jas. Machine Co. (Cloth Washing, Wool Scouring, etc.), North Adams, Mass.
Huse, Warren D. & Son (Knitting), Laconia, N. H.
Industrial Mfg. Co. (Overseaming), Camden, N.J.
Insinger Co., Stenton av & Luray, Phila., Pa.
Ives, Loyal T. (Knitting), New Brunswick, N.J.
Jackson, James & Son, Inc. (Looms), Paterson, N. J.
Jefferson, Edw. & Bros., 127 S 2d, Phila., Pa.
Jenckes, E. Mfg. Co. (Knitting), Pawtucket, R. I., & Bourse bldg, Phila., Pa.
Johnson, C. A. & Co. (Cloth Cutting), Providence, R. I.
Johnson & Bassett (Spinning), Worcester, Mass.
Jones, Lewis, 60½ Media, Phila., Pa.
Kavanaugh, Geo. W. (Tapes, Braids & Cards), Cohoes, N. Y.
Kennedy, Thos. (Cutting, Winding, etc.), 37 Courtland, Cohoes, N. Y.
Kenyon, D. R. & Son (Woolen Drying, Finishing, etc.), Raritan, N. J.
Keystone Knitting Machine Mfg. Co., 2600 N 6th, Phila., Pa.
Kilburn, Lincoln & Co. Ltd. (Cloth Calendering), Fall River, Mass.
Kimball, L. S. (Specialties), Lowell, Mass.
Kitson Machine Co. (Winding, etc.), Lowell, Mass.
Klauder-Weldon Dyeing Machine Co., Amsterdam, N. Y.
Klein, Chas. C. (Sizing), 2850 N Marshall, Phila., Pa.
Knapp, C. H. (Web Calendering), Wait & Rye, Paterson, N. J.
Lamb, J. K. Textile Machinery Co., Phila., Pa.
Lamb Knitting Mach. Co., Chicopee Falls, Mass.
Lebanon Textile Co. (Underwear), Lebanon, Pa.
Lees, Jas. & Sons Co. (Carding), Bridgeport, Pa.
Leigh, Evan A. (Cotton, Woolen & Worsted), 232 Summer, Boston, Mass.
Leighton Machine Co. (Hosiery), Manchester, N. H.
Lever, Oswald, Lehigh av & Mascher, Philadelphia, Pa.
Lewiston Machine Co., Lewiston, Me.
Liddell Co. (Inc.) (Cotton, Daisy Yarn & Warp Presses), Charlotte, N. C.
Lindley, Geo. W. (Knitting), Germantown, Pa.
Lombard, E. K. (Woolen & Worsted), 64 School, Worcester, Mass.
Lowe, Stephen C., 166 Devonshire, Boston, Mass.

Lowell Machine Shop (Cotton & Worsted), Carding, Spinning, Twisting, Weaving, etc.), Lowell, Mass.
Lufkin, Jno. W. (Buttonhole), 38 Chardon, Boston, Mass.
Luther, C. A. & Co. (Cloth), Pawtucket, R. I.
Lyall, J. & W. (Looms), Passaic, N. J.
McGregor & Sons (Speciaities), Fali River, Mass.
McKerrow, H. G. & Co. (Roving Frames, Cards, Mules, etc.)) 31 State, Boston
McMichael & Wildman Mfg. Co. (Knitting), Norristown, Pa.
Mason Machine Works (Cotton Carding, Frames, Mules, Looms, etc.), Taunton, Mass.
Mayo Knitting Machine & Needie Co., Frankiin Fails, N. H.
Merrow Machine Co. (Knitting), 28 Laurel, Hartford, Conn.
Mueiler, Arthur (Knitting), 780 Madison, Brooklyn, N. Y.
National Automatic Knitter Co. (Knitting, Trimming, Crocheting, etc.), American & Diamond, Phiia., Pa.
National Machine Co. (Button Hoie), Hartford, Conn.
New England Butt Co. (Braiding), 304 Pearl, Providence, R. I.
Nye & Tredick Co. (Knitting), 606 Arch, Phiia., Pa.
Palmer, I. E. (Cloth), Middletown, Conn.
Parker, J. B. Machine Co. (Finishing), Clinton, Mass.
Parks & Woolson Machine Co. (Napping), Springfieid, Vt.
Parsons, Hy. & Son (Specialties), Marlboro, Mass.
Pawtucket Spinning Ring Co., Pawtucket, R. I.
Payne, Geo. W. & Co. (Hosiery Winding), Pawtucket, R. I.
Paxton & O'Neil (Knitting), 127 Bread, Phiia., Pa.
Pearson, W. H. & Sons (Knitting), Lowell, Mass.
Pepper Mfg. Co. (Knitting), Lakeport, N. H.
Pevey Bros. (Carding), Lowell, Mass.
Phila. Drying Machinery Co., 6721 Gtn av, Phila., Pa.
Phila. Textile Machinery Co. (Drying, etc.), c Hancock & Somerset. Phiia.. Pa.
Piqua Handie & Mfg. Co., Piqua, O.
Piace, M. & Co. (Specialties), Worcester, Mass.
Pooie Engineering & Machine Co. (Calendering), Woodberry Station, Baltimore, Md.
Providence Machine Co. (Slubbing), Providence,
Reece Buttonhole Machine Co. (Buttonhole), Boston, Mass.
Rhode Island Braiding Machine Co., 228 Aborn, Providence, R. I.
Riiey, C. E. & Co. (Cotton & Wooien), 65 Franklin, Boston, Mass.
Rochester Textile Works (Skirt Bindings, etc.), Rochester, N. Y.
Ross, E. & Co. (Rug Machinery), Toledo, O.
Rothe, O. & P. Mfg. & Suppiy Co. (Dyeing & Bieaching), Norristown, Pa.
Roy, B. S. & Son (Card Grinders), Worcester, Mass.
Royle, John & Sons (Card Repeaters, Dobbies, etc.), Paterson, N. J.
Rushton-Carroli Co., Providence, R. I.
Ruth Automatic Knitting Machine Co., York, Pa.
Saco & Pettee Machine Shops (Cotton Cards, Frames, etc.), Newton Upper Faiis, Mass.
Sargent's, Chas. G. Sons, Westford, Mass.
Schaum & Uhlinger (Looms), North Penn. Junction, Phiia., Pa.
Schnitzler, Chas. H. (Conveying), 215 N 2d, Phila., Pa.
Schofield, Wm. Co. (Pickers), Manayunk, Phiia., Pa.
Scott & Williams (Knitting), 2079 Cumberiand, Phila.. Pa.
Seifert, C. H. (Spindie & Muie Specialties, etc.), 306 Master, Phiia., Pa.
Shultz Belting Co. (Picker Leather), 402 Barton, St. Louis, Mo.
Smith, Drum & Co. (Singeing), 2503 Coral, Phiia., Pa.
Smith, I. H. (Card Setting), Providence, R. I.
Smith, Jas. Wooien Machinery Co., Phila., Pa.
Snyder, Homer P. Mfg. Co. (Knitting), Littie Fails, N. Y.
Spence & Rideout (Cioth Presses), Nashua, N. H.
Stafford, Geo. W. Co. (Looms), Readville, Mass.
Stafford & Hoit (Knitting), Little Falis, N. Y.
STEARNS, A. T. LUMBER CO., Neponset & 166 Devonshire, Boston, Mass. (See adv. index, end of book)
Steele, A. H. & Bro. (Looms), 54 Herm n, Worcester, Mass.
Stoddard, Haserick & Richards Co. (Carpet), 152 Congress, Boston, Mass.
Sweet & Doyie (Knitting), Cohoes, N. Y.
Taylor, James (Knitting), 835 Arch, Phila., Pa.
Terwilliger, W. H. & Co. (Knitting Machinery), Amsterdam, N. Y.
Textile Finishing Machinery Co. (Bleaching, Dyeing, Finishing, etc.), Warren, R. I.
Textiie Machine Works (Braiding, etc.), Reading, Pa.
Tiffany Bros. (Knitting), Bennington, Vt.
Todd, Jos. C. (Jute), Paterson, N. J.
Tolhurst, W. H. & Son (Hydro-Extractors), Troy, N. Y.
Tompkins Bros. (Knitting), ft. of Cypress, Ida Hill, Troy, N. Y.
Torrance Mfg. Co. (Balling), 18 Davis, Harrison, N. J.
Townsend, Thos. (Specialties), 157 Orange, Providence, R. I.
Trump Bros. Machine Co. (Hosiery & Underwear), Wiimington, Dei.
Union Raveler Co. (Specialties), 519 River, Troy, N. Y.
Universal Winding Co., 95 South, Boston, Mass.
Vacuum Dyeing Machine Co., Chattanooga, Tenn.
Warth, A. (Est. of), (Cloth Cutting), Stapleton, Staten Isiand, N. Y.
Watson Machine Co. (Dyeing), Paterson, N. J.
Webenderfer & Waiiing, Paterson, N. J.
Whitin Machine Works (Cotton Cards, Looms, Reels, Twisters, Spinning Frames, etc.), Whitinsviile, Mass.
Whitinsville Spinning Ring Co., Whitinsviile, Mass.
Widmer Bros. (Ribbon Looms), 108 N 7th, Patcrson, N. J.
Wiiiimantic Machine Co. (Silk), Willimantic, Conn.
Williams, White & Co. (Banding Machines), Moline, Ill.
Windle, J. E. (Cloth Measuring), 44 Vine, Worcester, Mass.
Windsor Locks Machine Co. (Carpet), Windsor Locks, Conn.
Wolf Electrical Promoting Co. (Cloth Cutting), 810 Main, Cincinnati, O.
Woonsocket Machine & Press Co. (Pressing), Woonsocket, R. I.
Woonsocket Napping Machinery Co., Woonsocket, R. I.
Worcester Warp Compressing Machine Co., Worcester, Mass.
Wright, G. L. (Carding), Tuscumbia, Mo.
Wrigley, Thos. (Winding), Paterson, N. J.
Yaryan Co. (Bleaching), 41 Park Row, N. Y.

APRON LEATHER (RAW HIDE)

Coupe, Wm. & Co. (Excelsior), S Attleboro, Mass.

APRON LEATHER (WORSTED)

Brown Bros. Co., Providence, R. I.
Coupe, Wm. & Co. (Excelsior), S Attleboro, Mass.

APRONS (ENDLESS)

Barlow, Jno. W. Co., Lawrence, Mass.
Boston Belting Co., 256 Devonshire, Boston, Mass.
Gutta Percha & Rubber Mfg. Co., 126 Duane, N. Y.
N. J. Car Spring & Rubber Co., Jersey City, N. J.

APRONS (LEATHER)

Helvetia Leather Co., Lancaster, Pa.

APRONS (WORSTED COMBING)

American Muitiple Fabric Co., Olneyville, R. I.
Barlow, Jno. W. Co., Lawrence, Mass.
Coupe, Wm. & Co. (Excelsior), South Attleboro, Mass.
Parr, Wm., Lowell, Mass.

BALE BREAKERS

Firth, Wm. Co., 150 Devonshire, Boston, Mass.
Howard & Bullough Am. Machine Co., Ltd., Pawtucket, R. I.

BALING PRESSES.

(See Presses.)

BALLING MACHINES

Atlas Fdy. & Machine Co., Beiieville, N. J.
Brown, Jas. (Est. of), Pawtucket, R. I.
Draper Co., Hopedale, Mass.
Entwistle, T. C. Co., Lowell, Mass.
Philadelphia Textile Machinery Co. ("Furbush"), Phila., Pa.
Riiey, C. E. & Co., 65 Franklin, Boston, Mass.
Smith, Jas. Woolen Machinery Co., Philadelphia, Pa.
Torrance Mfg. Co., 18 Davis, E Newark, N. J.

BALL WINDING MACHINES

Frankiin Machine Co., Providence, R. I.

BAND FOLDING & CUTTING MACHINES

Kennedy, Thos., Cohoes, N. Y.

BANDING

(See Braided Banding.)

BANDING MACHINES.

Cleveland Machine Works, Worcester, Mass.
Cole Bros., Pawtucket, R. I.
Williams, White & Co., Moline, Ill.

BASKETS (MILL)

(See Index of Contents.)

BEAMERS

Aitemus, Jacob K., 2824 N 4th, Philadelphia.
Atwood-Morrison Co., Stonington, Conn.
Butterworth, H. W. & Sons Co., 2415 E York, Phila., Pa.
Coie Bros., Pawtucket, R. I.
Entwistle, T. C. Co., Loweil, Mass.
Giobe Machine Works, Fkd, Phila., Pa.
How & Bassett, Norfolk Downs, Mass.
Hughes & Russum, Frankford. Philadelphia, Pa.
Lever, Oswald, Lehigh av & Mascher, Phila., Pa.
Paterson Machine Works, Paterson, N. J.
Philadelphia Textile Machinery Co. ("Furbush"), Phila., Pa.
Smith, Jas. Woolen Mach. Co., 411 Race, Phila., Pa.

BEAMING RATHES

Allen, A. W., 2427 Mascher, Phila., Pa.

BELT DRESSING

(See Page 53)

BELT HOLE GUARDS

Draper Co., Hopedale, Mass.

BELTING

(See Page 54)

BLACKING MACHINERY

Butterworth, H. W. & Sons Co., 2415 E York, Phila., Pa.
Collyer Mach. Co., Pawtucket, R. I.
Holyoke Machine Co., Holyoke, Mass.
Kitson Machine Co., Loweii, Mass.
Textile Finishing Machinery Co., 17 Exch pl, Providence, R. I.

BLEACHERS (KNIT GOODS)

Rowland, Sam'l, Schuylkill Haven, Pa.

BLEACHING MACHINERY

Arlington Machine Works, Arlington Heights, Mass.
Birch Bros., Somerviiie, Mass.
Butterworth, H. W. & Sons Co., 2415 E York, Philadelphia, Pa.
Empire Laundry Machinery Co., Boston, Mass.
Holyoke Machine Co., Holyoke, Mass.
Phoenix Iron Works Corporation, Hartford, Conn.
Rothe, O. & P. Mfg. & Supply Co., Norristown, Pa.
Textile Finishing Machinery Co., 17 Exchange pi, Providence, R. I.
Watson Machine Co., Paterson, N. J.
Worcester Steam Boiier Works (Kiers), Worcester, Mass.
Yaryan Co., 41 Park Row, N. Y.

BLOWERS

(See Page 63)

BLUEING MACHINES

Butterworth, H. W. & Sons Co., 2415 E York, Phiia., Pa.
Textile Finishing Machinery Co., 17 Exch pl, Providence, R. I.

BOBBIN HOLDERS

Draper Co., Hopedale, Mass.
Roney & Rae Co., 159 Greene, Woonsocket, R. I.

BOBBIN RINGS

Morgan Spring Co., Worcester, Mass.

BOBBIN WINDERS

Altemus, Jacob K., 2816 N 4th, Phila., Pa.
Cleveland Mach. Works, Worcester, Mass.
Diamond Textile Machine Works, 2d & Diamond, Phila., Pa.
Lever, Oswald, Lehigh av & Mascher, Phila., Pa.
Philadelphia Textile Machinery Co. ("Furbush"), Phila., Pa.
Rhode Island Braiding Machine Co., Providence,
Smith, James Woolen Machinery Co., 411 Race, Phila., Pa.
Tompkins Bros., Troy, N. Y.

BOBBINS

Adams Bobbin & Spool Co., Adams, Mass.
Allentown Bobbin Works, Allentown, Pa.
American Supply Co., Providence, R. I.
Arnold, O. S., Dayville, Conn.
Baker, Michael & Sons, Johnsville, N. Y.
Baldwin, Jas. Co., Manchester, N. H.
Billington, Jos. H. & Co., 113 Chestnut, Phila., Pa.
Blaiser's Novelty Works, Rome, N. Y.
Bobbin & Spindle Works, Charleston, S. C.
Bradford Woodworking Co., 2154 N 3d, Phila., Pa.
Brown Bros. Co., Providence, R. I.
Chandler, Chester, Landoff, N. H.
Clover Leaf Mfg. Co., Carbondale, Pa.
Coburn, Fred. S., 243 Main, Woonsocket, R. I.
Courtney, D. S., Chicopee, Mass.
Daggers, Jno. R., Paterson, N. J.
Eaton, Hy. A., Littleton, N. H.
Eaton, Isaac Co., Nashua, N. H.
Excelsior Bobbin & Spool Co., Newtown, Pa.
Fall River Bobbin & Shuttle Co., Fall River Mass.
Fall River Foundry & Machine Co., Fall River, Mass.
Fletcher Mfg. Co., Providence, R. I.
Georgia Spool & Bobbin Mfg. Co., Macon, Ga.
Greene & Wood, New Bedford, Mass.
Griggs Mfg. Co., Lincolnton, N. C.
Hall, I. A. & Co., Paterson, N. J.
Hartson, L. M. Co., North Windham, Conn.
Jacobs, E. H. Mfg. Co., Danielsonville, Conn.
Lisbon Bobbin Works, Lisbon, N. H.
Lyndon Mfg. Co., Athens, Ga.
McGuire, Jno. A., Claremont, N. H.
Macrodi Fiber Co., Providence, R. I.
Mawson Bros., Newtown, Pa.
Murray, Chas. O., Nashua, N. H.
Nelson & Ross, Groveton, N. H.
New England Shuttle Co., 64 Leverett, Lowell, Mass.
Ohio Valley Pulley Works, Maysville, Ky.
Parker & Young Co., Lisbon, N. H.
Parkinson, E. Co., Wrentham, Mass.
Porter Shuttle & Bobbin Co., Watertown, Mass.
Potter Bros., South Scituate, R. I.
Providence Enamel Co., Providence, R. I.
Sherwood Bobbin & Mfg. Co., Greensboro, N. C.
Southern Bobbin Co., Greensboro, N. C.
Southern Shuttle & Bobbin Co., Westminster, S. C.
Spool & Bobbin Mfg. Co., Greenwood, S. C.
Sprague, L. Co., Lawrence, Mass.
Taft & Clark, Winchendon, Mass.
U. S. Bobbin & Shuttle Co., Providence, R. I.
Van Riper Mfg. Co., Paterson, N. J.
Vermont Spool & Bobbin Co., Essex Junction, Vt.
Weld Bobbin & Spool Co., 42 Island, Lawrence, Mass.
Wilbur, Benj., South Scituate, R. I.
Wisconsin Mfg. Co., Two Rivers, Wis.
Woodstock Hardwood & Spool Mfg. Co (Heavy for Rope & Cordage, etc.), Charleston, S. C.
Woodward, Russell M., Colebrook, N. H.

BOBBINS (HOSIERY WINDER)

Payne, Geo. W. & Co., Pawtucket, R. I.

BOBBINS (SILK)

Mack, H. A., Wood Working Co., Weatherly, Pa.
Mawson Bros., Newtown, Pa.

BOX SHOOKS

(See Lumber Mfrs.)

BOXES (DRAWING & ROVING)

Riley, C. E. & Co., 65 Franklin, Boston, Mass.

BOXES (MILL)

American Vulcanized Fibre Co. (Laminar Dept.), 1017 Market, Wilmington, Del.
Diamond State Fibre Co., Elsmere, Del.
Spaulding-Perkins Co., Rochester, N. H.
Walrus Fibre Mfg. Co., Medford, Mass.

BOXES (STEAM)

Textile Finishing Machinery Co., 17 Exch pl, Providence, R. I.
Watson Machine Co., Paterson, N. J.
Worcester Steam Boiler Works, Worcester, Mass.

BRAID ROLLING MACHINES

Rhode Island Braiding Machine Co., Providence,

BRAIDED BANDING

(See also Cotton Bandings.)

Buffalo Weaving & Belting Co., Buffalo, N. Y.
Covel & Osborn Co., 139 Pleasant, Fall River, Mass.
Frost, Geo. T. & Sons, Paterson, N. J.
Hoffman-Corr Mfg. Co., 107 Duane, New York
Holden, Jas., Fall River, Mass.
Kensington Machine Works, 2423 Mascher, Phila., Pa.
Moore, O. & Co., 14 S 5th, Phila., Pa.
Small Bros., Fall River, Mass.
Toohey, M. J. & Co., Fall River, Mass.
Whittier Mills, Springfield, Mass.

BRAIDING MACHINERY

Lyall, J. & W., Paterson, N. J.
New England Butt Co., Providence, R. I.
Rhode Island Braiding Machine Co., Providence,
Textile Machine Works, Reading, Pa.

BREAKING MACHINES (HARD WASTE)

Curtis & Marble Machine Co., Worcester, Mass.
Riley, C. E. & Co., 65 Franklin, Boston, Mass.

BREASTS (METALLIC)

Philadelphia Textile Machinery Co., Phila., Pa.
Smith, James Woolen Machinery Co., Philadelphia, Pa.

BRUSHES (MILL)

Bradley & Smith, 251 Pearl, New York
Cincinnati Mfg. Co., 211 Walnut, Cincinnati, O.
Columbia Napper Clothing Co., Lawrence, Mass.
Curtis & Marble Machine Co., Worcester, Mass.
Edwards, Henry & Co., 146 Fletcher, Lowell, Mass.
Felton, S. A. & Son Co., Manchester, N. H.
Jacobus, A. G., Verona, N. J.
Lahne, M. M. & Co., Lowell, Mass.
Leavens, Murphy & Co., 28 Exchange, Boston,
Mason Brush Works, 553 Main, Worcester, Mass.
Nebes, David, 256 Lawrence, Lowell, Mass.
Parks & Woolson Machine Co., Springfield, Vt.
Rhode Island Brush Co., Providence, R. I.
Voelker, Philip L., 921 Westminster, Providence, R. I.
Wild, Joseph, Fall River, Mass.

BRUSHING MACHINES

(See Cloth Brushing Machines.)

BUCKRAM MACHINERY

Howard Foundry & Machine Works, Landsdowne, Pa.

BURR BLADES

Breedon's, Wm. Son, Amsterdam, N. Y.
Cooper, Chas., Bennington, Vt.

BURRING MACHINES

Arthur Co., 188 Front, New York
Atlas Foundry & Machine Co., Belleville, N. J.
Curtis & Marble Machine Co., Worcester, Mass.
Hemmingway Machine Co., Lynn, Mass.
Gaubert Mfg. Co., 85 Liberty, N. Y.
Lombard, E. K. (Steel Ring), Worcester, Mass.
Philadelphia Textile Machinery Co. ("Proctor"), Phila., Pa.
Sargent's, C. G. Sons, Westford, Mass.
Smith, James Woolen Machinery Co., 411 Race, Phila., Pa.

BUTTONHOLE MACHINES

Champion Buttonhole Machine Co., 368 Congress, Boston, Mass.
Lufkin, John W., 38 Chardon, Boston, Mass.
National Machine Co., Hartford, Conn.
Reece Buttonhole Machine Co., Boston, Mass.
Singer Mfg. Co., 149 Broadway, New York
Standard Sewing Machine Co., Cleveland, O.
Wheeler & Wilson Mfg. Co., Bridgeport, Conn.

CALENDERING MACHINES

(See Cloth Calendering Machines.)

CALICO PRINTERS' MACHINERY

Butterworth, H. W. & Sons Co., Phila., Pa.
Frankford Machine Works, Frankford, Phila., Pa.
Taunton-New Bedford Copper Co., New Bedford, Mass.
Textile Finishing Machinery Co., 17 Exch pl, Providence, R. I.
Waldren, Jnn. Co., New Brunswick, N. J.
Watson Machine Co., Paterson, N. J.

CANS (DYE HOUSE)

Hill, James Mfg. Co., Providence, R. I.
Walrus Fibre Mfg. Co., Medford, Mass.

CANS (MILL)

Clark, W. J. Co., Salem, O.
Iron Clad Mfg. Co., 22 Cliff, New York
N. E. Ventilating & Heating Co., Manton av, Providence, R. I.

CANS (OIL)

(See Page 115)

CANS (ROVING)

(See Roving Cans.)

CARBONIZERS

American Drying Machinery Co., Westmoreland, & P. & R. Ry., Phila., Pa.
Blanding, C. L. Mfg. Co., Providence, R. I.
Hudson Fibre Co., Hudson, N. Y.
Hunt, Rodney Machine Co., Rodney, Mass.
Hunter, Jas. Machine Co., N. Adams, Mass.
Philadelphia Drying Machinery Co. ("Cyclone"), Phila., Pa.
Philadelphia Textile Machinery, Phila., Pa.
Sargent's, C. G. Sons, Westford, Mass.
Textile Finishing Machinery Co., 17 Exchange pl, Providence, R. I.

CARD ATTACHMENTS

Philadelphia Textile Machinery Co. ("Furbush"), Phila., Pa.

CARD CLOTHING

American Card Clothing Co., Worcester, Mass.
Ashworth, Elijah, Fall River, Mass.
Bagshaw, W. H. (Est. of), Lowell, Mass.
Beckwith Card Co., Stafford Springs, Conn.
Booth, Benj. & Co., Ltd., 1715 Eodine, Philadelphia, Pa.
Crabb, Wm. & Co., Newark, N. J.
Cutler, Aaron T., 194 Front, Worcester, Mass.
Edma Card Clothing Co., Camden, N. J.
English, C. R. Co., 204 Summer, Boston, Mass.
Hammer, C. H., Jr., & Co., 423 Belgrade, Phila., Pa.
Howard Bros. Mfg. Co., 42 Vine, Worcester, Mass.
Jefferson, Edw. & Bro., 127 S 2d, Phila., Pa.
Kent, Charles F. Co., 199 Chandler, Worcester, Mass.
Leigh, Evan Arthur (Joseph Sykes Bros.' & Critchley's), 232 Summer, Boston, Mass.
Lombard, E. K., Worcester, Mass.
McKerrow, H. G. & Co., 31 State, Boston, Mass.
Riley, C. E. & Co., 65 Franklin, Boston, Mass.
Stoddard, Haserick, Richards & Co., 152 Congress, Boston, Mass.
Stott, S. E. & T., Lowell, Mass.
Street, R. R. & Co., 186 Washington, Chicago,
Walpole Card Clothing Co., Walpole, Mass.
Watson, L. S. Mfg. Co., Leicester, Mass.

CARD CUTTING MACHINES

Cleveland Machine Works, Worcester, Mass.
Lowell Machine Shop, Lowell, Mass.
Mason Machine Works, Taunton, Mass.
Royle, John & Sons (Jacquard), Paterson, N. J.

CARD GRINDER WHEELS

Stillman-Randal Machine Co., Westerly. R. I.

CARD GRINDING MACHINES

Barker, James, Philadelphia, Pa.
Entwistle, T. C. Co., Lowell, Mass.
Lombard, E. K., Worcester, Mass.
Lowell Machine Shop, Lowell, Mass.
Mason Machine Works, Taunton, Mass.
Philadelphia Textile Machinery Co. ("Furbush"), Phila., Pa.
Roy, B. S., Worcester, Mass.
Smith, James Woolen Machinery Co., 411 Race, Phila., Pa.

CARD REPEATERS (JACQUARD)

Royle, John & Sons (French Index & Fine Scale Repeaters), Paterson, N. J.
Schaum & Uhlinger, Phila., Pa.

CARD STITCHING MACHINES (JACQUARD)

Singer Mfg. Co., 18th & 3d av, New York

CARD SETTING MACHINERY

Smith, Israel H., Providence, R. I.

CARD STRETCHERS

Philadelphia Textile Machinery Co. ("Furbush"), Phila., Pa.

CARDERS' TOOLS

Brown, W. H., Worcester, Mass.
Roy, B. S., Worcester, Mass.

CARDS (COTTON)

Billington, Jas. & Co., 113 Chestnut, Phila., Pa.
Fall River Foundry & Machine Co., Fall River, Mass.
Franklin Machine Co., Providence, R. I.
Lowell Machine Shop, Lowell, Mass.
Mason Machine Works, Taunton, Mass.
Pevey Bros., Lowell, Mass.
Saco & Pettee Machine Shops, Newton Upper Falls, Mass.
Whitin Mach. Works, Whitinsville, Mass.

CARDS (FELT)

Cleveland Machine Works, Worcester, Mass.

CARDS, FOSS & PEVEY

Fall River Foundry & Machine Co., Fall River, Mass.
Lowell Machine Shop, Lowell, Mass.
Pevey Bros., Lowell, Mass.
Saco & Pettee Machine Shops, Newton Upper Falls, Mass.

CARDS, HAND

Beckwith Card Co., Stafford Springs, Conn.
Columbia Napper Clothing Co., Lawrence, Mass.
Edma Card Clothing Co., Camden, N. J.
Howard Bros. Mfg. Co., 42 Vine, Worcester, Mass.
Smith, Jas. Woolen Machinery Co., Phila., Pa.
Watson, L. S. Mfg., Leicester, Mass.

CARDS (JACQUARD)

Case Bros., Highland Park, Conn.
Rogers Paper Mfg. Co., Inc., South Manchester, Conn.

CARDS (REVOLVING FLAT)

Howard & Bullough's Am. Mach. Co., Ltd., Pawtucket, R. I.
Firth, Wm. Co., 150 Devonshire, Boston, Mass.
Lowe, Stephen C., 186 Devonshire, Boston, Mass.
Lowell Machine Shop, Lowell, Mass.
McKerrow, H. G. & Co., 31 State, Boston, Mass.
Riley, C. E. & Co., 65 Franklin, Boston, Mass.
Saco & Pettee Machine Shops, Newton Upper Falls, Mass.
Whitin Machine Works, Whitinsville, Mass.

CARDS (SIMPLEX)

Stoddard, Haserick, Richards & Co., 152 Congress, Boston, Mass.

CARDS (STEEL WIRE STRIPPER)

Watson, L. S. Mfg. Co., Leicester, Mass.

CARDS (WOOLEN)

American Card Clothing Co., Worcester, Mass.
Cleveland Machine Works, Worcester, Mass.
Jefferson, Edw. & Bro., 127 S 2d, Phila., Pa.
Lees, Jas. & Sons Co, Bridgeport, Pa.
Lombard, E. K., Worcester, Mass.
Philadelphia Textile Machinery Co. ("Furbush"), Phila., Pa.
Riley, C. E. & Co., 65 Franklin, Boston, Mass.
Smith, Jas. Woolen Machinery Co., Philadelphia, Pa.
Watson, L. S. Mfg. Co., Leicester, Mass.

CARDS (WORSTED)

Cleveland Machine Works, Worcester, Mass.
Lees, Jas. & Sons Co., Bridgeport, Pa.
Philadelphia Textile Machinery Co. ("Furbush"), Phila., Pa.
Riley, C. E. & Co., 65 Franklin, Boston, Mass.
Smith, Jas. Woolen Machinery Co., 411 Race, Phila., Pa.
Stoddard, Haserick, Richards & Co., 152 Congress, Boston, Mass.

CARPET MACHINERY

Altemus, Jacob K., 2816 N 4th, Phila., Pa.
Alvord, Clinton, 5 Summer, Worcester, Mass.
Butterworth, H. W. & Sons Co., 2415 E York, Phila., Pa.
Crompton & Knowles Loom Works, Worcester, Mass.
Curtis & Marble Machine Co., Worcester, Mass.
Diamond Textile Machine Works, 2d & Diamond, Phila., Pa.
Howard Fdy. & Machine Works, Phila., Pa.
Jefferson, Edw. & Bro., 127 S 2d, Phila., Pa.
Stoddard, Haserick, Richards & Co., 152 Congress, Boston, Mass.
Windsor Locks Machine Co., Windsor Locks, Conn.

CARPET PRINTING MACHINES

Waldren, Jno. Co., New Brunswick, N. J.

CARPET ROLLING MACHINES

Altemus, Jacob K., 2816 N 4th, Phila., Pa.
Curtis & Marble Machine Co., Worcester, Mass.

CARPET RUG MACHINERY

Ross, E. & Co. ("Novelty"), Toledo, O.

CHINCHILLA MACHINES

Cleveland Machine Works, Worcester, Mass.
Kenyon, D. R. & Son, Raritan, N. J.

CLOTH BRUSHING MACHINES

Ardey, S. B. & Sons, Bristol, Pa.
Birmingham Iron Fdy., Derby, Conn.
Butterworth, H. W. & Sons Co., Philadelphia, Pa.
Cleveland Machine Works, Worcester, Mass.
Curtis & Marble Machine Co., Worcester, Mass.
Davis Sewing Mach. Co., Dayton, O.
Jones, Lewis, 60½ Media, Pa.
Parks & Woolson Machine Co., Springfield, Vt.
Textile Finishing Machinery Co., 17 Exchange pl, Providence, R. I.
Thayers, Ellis Son, Pawtucket, R. I.

CLOTH CALENDERING MACHINES

(See also Calendering Machines.)

Arthur Co., 188 Front, New York
Butterworth, H. W. & Sons Co., Phila., Pa.
Curtis & Marble Machine Co., Worcester, Mass.
Holyoke Machine Co., Holyoke, Mass.
Kilburn, Lincoln & Co. (Inc.), Fall River, Mass.
Lowell Machine Shop, Lowell, Mass.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Rhode Island Braiding Machine Co., Providence R. I
Terhune, J. I., 164 Ward, Paterson, N. J.
Textile Finishing Machinery Co., 17 Exch pl, Providence, R. I.

CLOTH EXPANDERS (MYCOCK'S)

Leyland, Thos. & Co., 53 India, Boston, Mass.

CLOTH FOLDING MACHINES

(See Folding Machines, Cloth.)

CLOTH INSPECTING MACHINES

Curtis & Marble Machine Co., Worcester, Mass.
Eddy, Geo. B., 398 Madison, N. Y.
Woonsocket Machine & Press Co., Woonsocket, R. I.

CLOTH MEASURING MACHINES

Butterworth, H. W. & Sons Co., Phila., Pa.
Curtis & Marble Machine Co., Worcester, Mass.
Eastwood, Benjamin, Paterson, N. J.
Elliott & Hall, Worcester, Mass.
Fabric Measuring & Packaging Co., 82 Centre, N. Y.
Gerry, Geo. & Son, Athol, Mass.
Parks & Woolson Machine Co., Springfield, Vt.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Textile Finishing Machinery Co., 17 Exchange pl, Providence, R. I.
Windle, J. E., 44 Vine, Worcester, Mass.

CLOTH ROLLING MACHINES

Berlin Machine Works, 149 B'way, N. Y.
Butterworth, H. W. & Sons Co., Phila., Pa.
Cleveland Mach. Works, Worcester, Mass.
Curtis & Marble Mach. Co., Worcester, Mass.
Textile Finishing Machinery Co., 17 Exchange pl, Providence, R. I.

CLOTH ROOM SEWING MACHINES

Singer Mfg. Co., 149 Broadway, N. Y.
Wheeler & Wilson Mfg. Co., Bridgeport, Conn.

CLOTH STAMPING MACHINES

Lowell Machine Shop, Lowell, Mass.

CLOTH STRETCHERS

Butterworth, W. H. & Sons Co., Phila., Pa.
Cleveland Machine Works, Worcester, Mass.
Curtis & Marble Machine Co., Worcester, Mass.
Holyoke Machine Co., Holyoke, Mass.
Luther, C. A. & Co., Pawtucket, R. I.
Textile Finishing Machinery Co., 17 Exch pl, Providence, R. I.

COMBS, CIRCLES & FALLERS

Bagshaw, W. H. (Est. of), Lowell, Mass.
Bradford Wool Comb Co., 2630 Mascher, Phila., Pa.
Crabb, Wm. & Co., Newark, N. J.
Hood, R. H., 1424 Callowhill, Phila., Pa.
Leigh, Evan Arthur, 232 Summer, Boston, Mass.
Stoddard, Haserick, Richards & Co., 152 Congress, Boston, Mass.
Stott, Sam'l E. & T., Lowell, Mass.
Townsend, Thomas, 157 Orange, Providence, R. I.

COMBS (COTTON)

Leigh, Evan Arthur, 232 Summer, Boston, Mass.
Lowe, Stephen C., 186 Devonshire, Boston, Mass.
Mason Machine Works, Taunton, Mass.
Providence Machine Co., Providence, R. I.
Stoddard, Haserick, Richards & Co., 152 Congress, Boston, Mass.
Whitin Machine Works, Whitinsville, Mass.

COMBS (DOFFER)

Barker, James, Philadelphia, Pa.
Cleveland Machine Works, Worcester, Mass.
Philadelphia Textile Machinery Co. ("Furbush"), Phila., Pa.
Providence Machine Co., Providence, R. I.
Smith, James, Woolen Machinery Co., Philadelphia, Pa.

COMBS (SLASHER)

American Supply Co., Providence, R. I.
Fitzgerald Loom Reed Co., N 2d & Diamond, Phila., Pa.
Gowdey, J. A. Reed & Harness Mfg. Co., Providence, R. I.
Larkin & Wood, Danielson, Conn.
Loom Reed & Harness Co., Charlotte, N. C.
McGregor & Sons, Fall River, Mass.
Place, M. & Co., Worcester, Mass.
Southern Card Clothing & Reed Co., Charlotte, N. C.
Textile Finishing Machinery Co., 17 Exchange pl, Providence, R. I.

COMBS (WOOL)

Austin, M. E. & Co., Lawrence, Mass.
Bagshaw, W. H. (Est. of), Lowell, Mass.
Bradford Wool Comb Co., 2630 Mascher, Phila., Pa.

Crompton & Knowles Loom Works, Worcester, Mass.
Hood, R. H., 1424 Callowhill, Phila., Pa.
Jefferson, Ed. & Bro., Phila.. Pa.
Leigh, Evan Arthur, 232 Summer, Boston, Mass.
Miller, Wm., Providence, R. I.
Riley, C. E. & Co., 67 Franklin, Boston, Mass.
Stoddard, Haserick, Richards & Co., 152 Congress, Boston, Mass.
Townsend, Thomas, 157 Orange, Providence, R. I.

COMPASS BOARDS

Crompton & Knowles Loom Works, Worcester, Mass.
Royle, John & Sons, Paterson, N. J.

CONDENSERS

(See Index of Contents.)

CONE TUBES

(See Cop Tubes.)

CONVEYORS (PNEUMATIC)

Schnitzler, Chas. H., 215 N 2d, Phila., Pa.

COP SKEWERS

(See Skewers.)

COP TUBES (PAPER)

Amraytoon Paper Tube Co., Lowell, Mass.
Brown, Jas., Jr., Manayunk, Phila., Pa.
Brown, J. E. & H. L., 101 Sabin, Providence, R. I.
Douglas Mfg. Co., Fall River, Mass.
Fraprie-Douglas Co., Fall River, Mass.
Haworth & Watson, Lowell, Mass.
New Bedford Paper Co., New Bedford, Mass.
Pairpoint Corporation, New Bedford, Mass.
Sayford Paper Specialty Co., Camden, N. J.
Taylor, Chas. F., 15 Custom, Providence, R. I.

COP TUBES (TIN)

Getchell, S. S. & Son, Woonsocket, R. I.

COP WINDERS

(Sce Winders, Cop.)

COPPER WORK (DYERS')

Badger, E. B. & Sons Co. (Inc.), 63 Pitts, Boston, Mass.
Taunton-New Bedford Copper Co.

COTTON BANDINGS

(See also Braided Banding.)

Am. Supply Co., 10 Exchange pl., Providence, R. I.
Briggs, H. A. & Co., Pawtucket, R. I.
Chase, F. A. & Co.. Providence. R. I.
Covel & Osborne, Fall River, Mass.
Elder, Jas., 4711 Baird, Germantown, Phila., Pa.
Hodson, John M., Manayunk, Phila., Pa.
Hoffman-Corr Mfg. Co., 107 Duane, New York
Hooper, Wm. E. & Sons, Baltimore, Md.
Lees Mfg. Co., Westport, Conn.
Russell Mfg. Co., Middletown, Conn.
Small Bros., Fall River, Mass.

COTTON BATTING MACHINERY

Franklin Machinery Co., Providence, R. I.
Philadelphia Textile Machinery Co. ("Furbush"), Phila., Pa.
Smith, James, Woolen Machinery Co., 411 Race, Phila., Pa.
Whitin Machine Works, Whitinsville, Mass.

COTTON MACHINERY

(Sce also the particular article required.).

Abbott, J. V. Mfg. Co., Dedham, Mass.
Altemus, Jacob K., 2816 N 4th, Philadelphia.
Atherton, A. T., Machine Co., Pawtucket. R. I
Brigham, Arthur A., 186 Devonshire, Boston. Mass.
Brockway & Meckenstrum Mach. Co., Moodus, Conn.
Brown, James (Est. of), Pawtucket, R. I.
Brownell. G. L.. 49 Union. Worcester, Mass.
Butterworth, H. W. & Sons Co., Phila., Pa.
Cohoes Iron Fdy. & Mach. Co., Cohoes, N. Y.
Crompton-Knowles Loom Works, Worcester. Mass.
Curtis & Marble Machine C., Worcester, Mass.
Diamond Textile Machine Works, 2d & Diamond, Phila., Pa.
Draper Co., Hopedale, Mass.
Easton & Burnham Machine Co., Pawtucket.
Entwistle, T. C. Co., Lowell, Mass. R. I.
Gales & Jenks Machine Co., Pawtucket, R. I.
Fall River Foundry & Machine Co., Fall River. Mass.
Franklin Machine Co., Providence, R. I.
Granger Fdy. & Mach. Co., Providence, R. I.
Howard & Bullough Am. Machine Co., Ltd., Pawtucket, R. I
Jefferson, Edw. & Bro., 127 S 2d, Phila., Pa.
Hughes & Russum, Fkd., Phila., Pa.
Kilburn, Lincoln & Co., Fall River, Mass.
Kitson Machine Co., Lowell, Mass.
Leigh, Evan Arthur, 232 Summer, Boston, Mass.
Lewiston Machine Co., Lewiston, Me.
Lowe, Stephen C., 186 Devonshire, Boston,
Lowell Machine Shop, Lowell, Mass. Mass.
McKerrow, H. G. & Co., 31 State, Boston. Mass.
Mason Machine Works, Taunton, Mass.
Payne, Geo. W. & Co., Pawtucket, R. I.
Providence Belting Co., Providence, R. I.
Providence Mach. Co., Providence, R. I.
Riley, C. E. & Co., 67 Franklin, Boston, Mass.
Saco & Pettee Machine Works, Newton Upper Falls, Mass.
Schofield, Geo. L., 123 N Front, Phila., Pa.
Smith, Jas., Woolen Machinery Co., 411 Race, Phila., Pa.
Stoddard, Haserick, Richards & Co., 152 Congress, Boston, Mass.
Textile Finishing Machinery Co., 17 Exchange pl, Providence, R. I.
Whitin Machine Works, Whitinsville, Mass.
Whitinsville Spinning Ring Co., Whitinsville, Mass.
Woonsocket Mach. & Press Co., Woonsocket, R. I.

COTTON SOFTENERS

Arabol Mfg. Co., 155 William, N. Y.
Bosson & Lane (Atlantic), Boston, Mass.
Holbrook Mfg. Co., 470 Wash'n, N. Y.
Loos & Dilworth, 44 N Delaware av, Phila., Pa.
Thayer, E. M. & Co., 112 Broad, Boston, Mass.

COTTON WASTE

(See Index of Contents.)

CRABBING MACHINES

Birch Bros., Somerville, Mass.
Butterworth, H. W. & Sons Co., Phila., Pa.
Hunter, Jas. Machine Co., N Adams, Mass.
Textile Finishing Machinery Co., 17 Exchange pl, Providence, R. I.

CREELS

Diamond Textile Machine Works, 2d & Diamond, Phila., Pa.
Philadelphia Textile Machinery Co. ("Furbush"), Phila., Pa.
Smith, Jas., Woolen Machinery Co., 411 Race. Phila., Pa.

CROCHET MACHINES (RED BLANKET)

Merrow Machine Co., Hartford, Conn.

CROCHETING MACHINERY

Berlin Machine Works, 149 B'way, N. Y.
National Automatic Knitter Co., American & Diamond, Phila., Pa.
Merrow Machine Co., Hartford, Conn.

CUFF MACHINES (FLAT RIBBED)

Pepper Mfg. Co., Lakeport, N. H.

CUT MARKERS

Butterworth, H. W. & Sons Co., Phila., Pa.
Draper Co., Hopedale, Mass.
Textile Finishing Machinery Co., 17 Exch pl Providence, R. I

CUTTERS (AUTOMATIC PEG & LACE HOLE)

Royle, John & Sons, Paterson, N. J.

CUTTERS (CHENILLE)

Altemus, Jacob K., 2816 N 4th, Phila., Pa.
Lever, Oswald, Lehigh av & Mascher, Phila. Pa

CUTTERS (CLOTH)

Eastman Machine Co., 45 N Division, Buffalo N. Y
Johnson, C. A. & Co., Providence, R. I.
Warth, A. (Est. of), Stapleton, S. I., New York

CUTTERS (FLOCK)

Curtis & Marble Machine Co., Worcester, Mass.

CUTTERS (KNIT FABRIC)

Kennedy, Thos., Cohoes, N. Y.
McMichael & Wildman Mfg. Co., Norristown, Pa.
Parsons, Henry & Son, Marlboro, Mass.
Universal Cutter Co., 4565 Scott av, St. Louis, Mo.

CUTTERS (PLUSH)

Dennis, Jno. & Co., Lowell, Mass.

CUTTERS (RAY)

Curtis & Marble Machine Co., Worcester, Mass.

CUTTERS (RIB)

Beattie, Wm. & Son, Cohoes, N. Y.
Cooper, Charles, Bennington, Vt.
McMichael & Wildman Mfg. Co., Norristown, Pa.

CYLINDERS (KNITTING MACHINE)

Branson Machine Co., 506 N. American, Phila., Pa.
Cook, Stephen S., 624 Race, Phila., Pa.
Paxton & O'Neil, 127 Bread, Phila., Pa.
Stafford & Holt, Little Falls, N. Y.

CYLINDERS (SPINNING)

Hill, Jas. Mfg. Co., Providence, R. I.

CYLINDERS & DIALS (FORGED STEEL)

Cook, Stephen S., 624 Race, Philadelphia, Pa.

DAMPENING MACHINES

American Moistening Co., Equitable bldg, Boston, Mass.
Birch Bros., Somerville, Mass.
Textile Finishing Machinery Co., 17 Exch pl, Providence, R. I.

DIPPING TANKS

Textile Finishing Machinery Co., 17 Exch pl, Providence, R. I.

DOBBIES

Atwood-Morrison Co., Stonington, Conn.
Crompton-Thayer Loom Co., Worcester, Mass.
Mason Machine Works, Taunton, Mass.
Paterson Machine Works, Paterson, N. J.
Royle, John & Sons, Paterson, N. J.
Stafford, Geo. W. Co., Readville, Mass.

DOFFER RINGS

Kent, Chas. F. Co., 199 Chandler, Worcester, Mass.

DOUBLERS

Atherton Machine Co. (For Silk Mills), Paterson, N. J.
Atwood-Morrison Co., Stonington, Conn.
Curtis & Marble Machine Co., Worcester, Mass.
Eastwood, Benj. Co., Paterson, N. J.
Paterson Machine Works, Paterson, N. J.
Royle, John & Sons, Paterson, N. J.
Textile Finishing Machinery Co., 17 Exchange pl, Providence, R. I.

DRESSERS (COTTON)

Cleveland Machine Works, Worcester, Mass.
Whitin Machine Works, Whitinsville, Mass.

DRESSERS (THREAD)

Luther, C. A. & Co., Pawtucket, R. I.

DRESSERS (WARP)

Philadelphia Textile Machinery Co. ("Furbush"), Phila., Pa.
Smith, Jas., Woolen Machinery, 411 Race, Phila., Pa.
Textile Finishing Machinery Co.. 17 Exchange pl, Providence, R. I.

DRESSERS (WOOL)

Butterworth, H. W. & Sons Co., Phila., Pa.

DRESSERS (YARN)

Cleveland Machine Works, Worcester, Mass.
Franklin Machine Co., Providence, R. I.
Luther, C. A. & Co., Pawtucket, R. I.

DROP WIRES

Blackstone Reed & Harness Co., Pawtucket, R. I.
Hall, F. A. & P., Lawrence, Mass.
Brooks, M. S. & Sons, Chester, Conn.
Hartson, L. M. Co., N. Windham, Conn.

DRY POLES (ENAMELED) FOR SILK DYERS

American Enamel Co., Providence, R. I.

DRYERS

American Blower Co., Detroit, Mich.
American Drying Machinery Co., Westmoreland & P. & R. Ry., Phila., Pa.
ANDREWS & JOHNSON CO., 256 W Wash'n blvd, Chicago, Ill. (See adv. index, end of book)
Bayley, Wm. & Sons Co., 732 Greenbush, Detroit, Mich.
Birch Bros., Somerville, Mass.
Boston Blower Co., Hyde Park, Mass.
Buffalo Forge Co., Buffalo, N. Y.
Butterworth, H. W. & Sons Co., Phila., Pa.
Curtis & Marble Machine Co., Worcester, Mass.
Heathcote, John & Son, Providence, R. I.
Johnson Novelty & Mill Specialty Co., Utica, N. Y.
Kenyon, D. R. & Son, Raritan, N. J.
NATIONAL BLOWER WORKS, 17th & St. Paul av, Milwaukee, Wis. (See adv. index, end of book)
Phila. Drying Machinery Co., 6721 Germantown, Phila., Pa.
Philadelphia Textile Machinery Co. ("Cyclone" & "Furbush"), Phila., Pa.
Phoenix Iron Works Corporation, Hartford, Conn.
Riley, C. E. & Co., 65 Franklin, Boston, Mass.
Sargent's, C. G. Sons, Westford, Mass.
Stoddard, Haserick, Richards & Co., 152 Congress, Boston, Mass.
STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria St, London, England. (See adv. index, end of book)
Textile Finishing Machinery Co., 17 Exchange pl, Providence, R. I.
Watson Machine Co., Paterson, N. J.

DRYERS (CARPET)

Butterworth, W. H. & Sons Co., 2415 E York, Philadelphia, Pa.
Curtis & Marble Machine Co., Worcester, Mass.

DRYERS (CLOTH)

Birmingham Iron Foundry, Derby, Conn.
Butterworth, H. W. & Sons Co., 2405 E York, Philadelphia, Pa.
Cleveland Machine Works, Worcester, Mass.
Kenyon, D. R. & Son, Raritan, N. J.
Philadelphia Textile Machinery Co. ("Furbush"), Phila., Pa.
STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria St, London, England. (See adv. index, end of book)
Textile Finishing Machinery Co., 17 Exchange pl, Providence, R. I.

DRYERS (COTTON)

American Drying Machinery Co., Westmoreland, & P. & R. Ry., Phila., Pa.
Philadelphia Textile Machinery Co. ("Furbush"), Phila., Pa.
Sargent's, C. G. Sons, Westford, Mass.

DRYERS (HOT AIR APRON)

Smith, James Woolen Machinery Co.. 411 Race, Philadelphia, Pa.

DRYERS (UNDERWEAR)

American Drying Machinery Co., Westmoreland, & P. & R. Ry., Phila.. Pa.
Philadelphia Textile Machinery Co. ("Cyclone" & "Furbush"), Phila., Pa.
STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria St, London, England. (See adv. index, end of book)

DRYERS (WARP)

Butterworth, H. W. & Sons Co., 2415 E York, Philadelphia, Pa.
Clark, George P., Windsor Locks, Conn.
Textile Finishing Machinery Co., 17 Exch pl, Providence, R. I.

DRYERS (WIRE TOP)

Smith. James Woolen Machinery Co., 411 Race, Philadelphia. Pa.

DRYERS (WOOL)

American Blower Co., Detroit, Mich.
American Drying Machinery Co., Westmoreland, & P. & R. Ry., Phila., Pa.
Hunter, James, Machine Co. ("Stone"), N. Adams, Mass.
Kitson Machine Co., Lowell, Mass.
NATIONAL BLOWER WORKS, 17th & St. Paul av, Milwaukee, Wis. (See adv. index, end of book)
Philadelphia Drying Machine Co., 6721 Germantown, Philadelphia, Pa.
Philadelphia Textile Machinery Co. ("Furbush"), Phila., Pa.
Riley, C. E. & Co., 65 Franklin, Boston, Mass.
Sargent's, C. G. Sons, Westford, Mass.
Smith, James Woolen Machinery Co., Phila., Pa.
STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria St, London, England. (See adv. index, end of book)

DRYERS (YARN)

American Drying Machinery Co., Westmoreland, & P. & R. Ry., Phila., Pa.
Bailey, Frank (Hot & Cold Air), Cedar Brook, N. J.
Butterworth, H. W. & Sons Co., Philadelphia, Pa.
Philadelphia Drying Machinery Co., 6721 Germantown, Philadelphia, Pa.
Philadelphia Textile Machinery Co. ("Furbush"), Phila., Pa.
STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria St, London, England. (See adv. index, end of book)
Textile Finishing Machinery Co., 17 Exchange pl, Providence, R. I.

DRYING MACHINERY

(See Dryers, Various Kinds.)

DRYING MACHINES (PRINT WORK)

Butterworth, H. W. & Sons Co., 2415 E York, Philadelphia, Pa.
Textile Finishing Machinery Co., 17 Exch pl, Providence, R. I.

DUST COLLECTORS

(See Page 387)

DUSTERS (RAG)

Bagshaw, W. H. (Est. of), Lowell, Mass.
Gerry, Geo. & Son, Athol, Mass.
Lowell Machine Shops, Lowell, Mass.
Kitson Machine Co., Lowell. Mass.
Sargent's, C. G. Sons, Westford, Mass.
Smith, James Woolen Machinery Co., Phila., Pa.

DUSTERS (WOOL & WASTE)

Atlas Foundry & Machine Co., Belleville, N. J.
Cleveland Machine Works, Worcester, Mass.
Curtis & Marble Machine Co., Worcester, Mass.
Gerry, Geo. & Son, Athol, Mass.
Hunter, Jas. Machine Co., North Adams, Mass.
Lombard, E. K., Worcester, Mass.
Sargent's, C. G. Sons, Westford, Mass.

DYE BECKS

Butterworth, H. W. & Sons Co., 2415 E York. Philadelphia, Pa.
Watson Machine Co., Paterson, N. J.
Woonsocket Machine & Press Co., Woonsocket, R. I.

DYE STICKS

Bailey, Frank. Cedar Brook, N. J.

DYE TUBS

American Stave & Cooperage Co., 205 Charles, Boston, Mass.
CALDWELL, W. E. CO., Louisville, Ky. (See adv. index, end of book)
Hopkins Machine Works, Bridgeton, R. I.
Hunt, Rodney Machine Co., Orange, Mass.
STEARNS, A. T. LUMBER CO., Neponset & 166 Devonshire, Boston, Mass. (See adv. index, end of book)
Terhune, J. I. (Fletcher's), 164 Ward, Paterson, N. J.
Woolford, G. Wood & Tank Mfg. Co., Real Estate Trust bldg, Phila., Pa.

DYEING MACHINERY

Adams Laundry Machinery Co., Troy, N. Y.
American Dyeing Machine Co., Camden, N. J.
Birch Bros., Somerville, Mass.
Bird, F. J., 132 Arch, Phila., Pa.
Butterworth, H. W. & Sons Co., 2415 E York, Philadelphia, Pa.
Church, Henry W., Lowell, Mass.
Clark, George P. Co., Windsor Locks, Conn.
Delahunty Dyeing Machine Co., Pittston, Pa.
Dubois, A. N., 2170 Sedgeley av, Phila., Pa.
Entwistle, T. C., Lowell, Mass.
Frank's Wagon Works, 2731 N 6th, Phila., Pa.
Holyoke Machine Co., Holyoke, Mass.
Howard Fdy. & Mach. Works, Lansdowne, Pa.
Kenyon, D. R., & Son, Raritan, N. J.
Klauder-Weldon Dyeing Maching Co., Amsterdam. N. Y.
Klein, Chas. C., 2850 N Marshall, Phila., Pa.
Leigh, E. A., 232 Summer, Boston, Mass.
Phoenix Iron Works Corporation, Hartford, Conn.
Rothe, O. & P. Mfg. & Supply Co., Norristown, Pa.
Stoddard, Haserick, Richards & Co., 152 Congress, Boston, Mass.
Terhune, J. I., 164 Ward, Paterson, N. J.
Textile Finishing Machinery Co., 17 Exchange pl, Providence, R. I.
Vacuum Dyeing Machine Co., Chattanooga, Tenn.
Watson Machine Co., Paterson, N. J.

DYEING MACHINES (SKEIN)

Riley, C. E. & Co., 65 Franklin, Boston, Mass.

ELEVATORS (COTTON)

American Blower Co., Detroit, Mich.
Buffalo Forge Co., Buffalo, N. Y.
Hersey Mfg. Co., 314 W 2d, S. Boston, Mass.
MORSE, WILLIAMS & CO., Phila., Pa. (See adv. index, end of book)
STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria St, London, England. (See adv. index, end of book)
Thomas-Fordyce Mfg. Co., Little Rock, Ark.

ELEVATORS (SPOOL)

Schnitzler, Charles H., 215 N 2d, Phila., Pa.

ENGRAVERS' (TEXTILE PRINT ROLL)

Dunn Textile Engraving & Mfg. Co., Frankford, Phila., Pa.

ENGRAVING MACHINES (PRINT WORKS)

Dunn Textile Engraving & Mfg. Co., Frankford, Phila., Pa.
Hope, John & Sons, Engraving & Manufacturing Co., Providence, R. I.

FABRIC PIN TICKET MACHINES

Saranac Electrical Mfg. Co., St. Joseph, Mich.

FANS (EXHAUST)

(See Page 477.)

FEEDER CLUTCH ATTACHMENTS

Harwood, Geo. S. & Son, 53 State, Boston, Mass.

FEEDERS (AUTOMATIC SELF-WEIGHING SCALE)

Smith, Jas. Woolen Machinery Co., 411 Race, Phila., Pa.

FEEDS OR FEEDERS

American Drying Machinery Co., Westmoreland & P. & R. R., Phila., Pa.
Atlas Foundry & Machine Co., Belleville, N. J.
Clark Machine & Fdy. Co., Franklin, Mass.
Harwood, Geo. S. & Son, 53 State, Boston, Mass.
Hunter, James, Machine Co., N. Adams, Mass.
Phila. Drying Machinery Co., Phila., Pa.
Phila. Textile Machinery Co., Hancock & Somerset, Phila., Pa.
Sargent's, C. G. Sons, Westford, Mass.
Schofield, Wm. Co., Manayunk, Phila., Pa.
Smith, Jas., Woolen Machinery Co., 41 Race, Phila., Pa.
Whittles, J. C., 86 Johnson av, Kearney, N. J.
Woonsocket Machine & Press Co., Woonsocket, R. I.

FELT-HARDENERS

Farrel Foundry & Machine Co., Ansonia, Conn.

FINISHING MACHINES (CARPET)

Butterworth, H. W. & Sons Co., 2415 E York, Phila., Pa.
Crompton & Knowles Loom Works, Worcester, Mass.
Curtis & Marble Machine Co., Worcester, Mass.
Parks & Wollson Mach. Co., Springfield, Vt.

FINISHING MACHINES (CLOTH)

Birch Bros., Somerville, Mass.
Butterworth, H. W. & Sons Co., 2415 E York, Phila., Pa.
Cleveland Machine Works, Worcester, Mass.
Curtis & Marble Machine Co., Worcester, Mass.
Gessner, David, Worcester, Mass.
Holyoke Machine Co., Holyoke Mass.
Palmer, I. E., Middletown, Conn.
Parks & Wollson Machine Co., Springfield, Vt.
Terhune, J. I., 164 Ward, Paterson, N. J.
Textile Finishing Machinery Co., 17 Exch. pl, Providence, R. I.
Windle, J. E., Worcester, Mass.

FINISHING MACHINES (KNIT GOODS)

Arnold Sewing Machine Co., 216 High, Newark, N. J.
Excelsior Sewing Machine Co., 1216 Columbia av, Phila., Pa.
Merrow Machine Co. (For all Kinds of Fabrics), Hartford, Conn.
National Automatic Knitter Co., American & Diamond, Phila., Pa.
Scott & Williams, 2079 E Cumberland, Phila., Pa.
Union Special Sewing Machine Co., 47 Leonard, N. Y.
Wilcox & Gibbs Sewing Machine Co., 658 B'way, N. Y.

FINISHING MACHINES (TAPE)

Textile Finishing Machinery Co., 17 Exchange pl, Providence, R. I.

FINISHING MACHINES WOOL & WORSTED)

Butterworth, H. W., & Sons Co., 2415 E York, Phila., Pa.
Cleveland Machine Works, Worcester, Mass.
Curtis & Marble Machine Co., Worcester, Mass.
Holyoke Machine Co., Holyoke, Mass.
Leigh, E. A., 232 Summer, Worcester, Mass.
Stoddard, Haserick, Richardson & Co., 152 Congress, Boston, Mass.
Textile Finishing Machinery Co., 17 Exchange pl, Providence, R. I.
Watson Machine Co., Paterson, N. J.

FLAX MACHINERY

Crabb, Wm. & Co., Newark, N. J.
Haskell-Dawes Machine Co., 176 Federal, Boston, Mass.
Eddy, W., Plow Co., Greenwich, N. Y.
Leigh, Evan Arthur, 232 Summer, Boston, Mass.

FLEECING MACHINES

(See Napping Machines)

FLOCK CUTTERS

(See Cutters, Flock)

FLYERS

(See also Frames, Cotton, Fly.)

Baker Machine Co., New Bedford, Mass.
Buckley's, B. Son, Paterson, N. J.
Hall, F. A. & P., Lawrence, Mass.
Hartson, L. M., Co., North Windham, Conn.
Hopkins, A. & Co., Bridgeton, R. I.
Merriman Flyer Works, 30 Island, Lawrence, Mass.
Providence Machine Co., Providence, R. I.
Riley, C. E. & Co., 65 Franklin, Boston, Mass.
Smith, J. A. V., Manchester, N. H.
Thurston, A. G. & Son, Fall River, Mass.
Ward & Vandergrift, Elmer, N. J.
Westcott, A. W., Hopedale, Mass.

FOLDING MACHINES (CLOTH)

Elliot & Hall, 50 Hermon, Worcester, Mass.
Johnson, C. A., & Co., Providence, R. I.
Lowell Machine Shop, Lowell, Mass.
McCreary, Edw. M., Cohoes, N. Y.
Textile Finishing Machinery Co., 17 Exchange pl, Providence, R. I.
Windle, J. E., Worcester, Mass.
Woonsocket Machine & Press Co., Woonsocket, R. I.

FOLDING & CUTTING MACHINES (UNDERWEAR)

Goodwin, J. C., 2d & Diamond, Phila., Pa.

FOLDING & MEASURING MACHINES

Curtis & Marble Machine Co., Worcester, Mass.
Elliot & Hall, 54 Hermon, Worcester, Mass.
Fabric Measuring & Packaging Co., 82 Centre, N. Y.
Textile Finishing Machinery Co., 17 Exchange pl, Providence, R. I.

FRAMES (COTTON DRAWING)

Altemus, Jacob K., Phila., Pa.
Fall River Foundry & Machine Co., Fall River, Mass.
Firth, Wm., Co., 150 Devonshire, Baston, Mass.
Franklin Machine Co., Providence, R. I.
H. & B. Am. Machine Co., Ltd., Pawtucket, R. I.
Lowell Machine Shop, Lowell, Mass.
McKerrow, H. G. & Co., 31 State, Boston, Mass.
Mason Machine Works, Taunton, Mass.
Providence Machine Co., Providence, R. I.
Saco & Pettee Machine Shops, Newton Upper Falls, Mass.
Whitin Machine Works, Whitinsville, Mass.

FRAMES (COTTON FLY)

Altemus, Jacob K., Phila., Pa.
Brown Bros. Co., Providence, R. I.
Fall River Foundry & Machine Co., Fall River, Mass.
Lowell Machine Shops, Lowell, Mass.
Providence Mach. Co., Providence, R. I.
Saco & Pettee Machine Shops, Newton Upper Falls, Mass.
Stoddard, Haserick, Richards & Co., 152 Congress, Boston, Mass.
Watson, L. S. Mfg. Co., Paterson, N. J.
Whitin Machine Co., Whitinsville, Mass.
Woonsocket Machine & Press Co., Woonsocket, R. I.

FRAMES (GASSING)

Stoddard, Haserick, Richards & Co., 152 Congress, Boston, Mass.

FRAMES (HAND LACING)

Royle, John, & Sons, Paterson, N. J.

FRAMES (HARNESS)

Crompton & Knowles Loom Works, Worcester, Mass.
Brown Bros. Co., Providence, R. I.
Jacobs, E. H. Mfg. Co., Daniellsonville, Conn.
Watson, L. S. Mfg. Co., Paterson, N. J.
Williams, J. H. Co., Utica, N. Y.

FRAMES (HEDDLE)

Watson, L. S. Mfg. Co., Leicester, Mass.

FRAMES (INTERMEDIATE)

H. & B. Am. Mach. Co., Ltd., Pawtucket, R. I.
Saco & Pettee Machine Shops, Newton Upper Falls, Mass.

FRAMES (JACK)

H. & B. Am. Mach. Co., Ltd., Pawtucket, R. I.
Riley, C. E. & Co., 65 Franklin, Boston, Mass.

FRAMES (REDRAWING)

Atwood-Morrison Co., Stonington, Conn.

FRAMES (RING SPINNING)

Brown, Jas. (Est. of), Pawtucket, R. I.
Diamond Textile Machine Works, 2d & Diamond, Phila., Pa.
Fales & Jenks Machine Co., Pawtucket, R. I.
Fall River Foundry & Machine Co., Fall River, Mass.
Franklin Machine Co., Providence, R. I.
Lowell Machine Shop, Lowell, Mass.
Mason Machine Works, Taunton, Mass.
Providence Machine Co., Providence, R. I.
Saco & Pettee Machine Works, Newton Upper Falls, Mass.
Whitin Machine Works, Whitinsville, Mass.
Woonsocket Machine & Press Co., Woonsocket, R. I.

FRAMES (ROVING)

Diamond Textile Machine Works, 2d & Diamond, Phila., Pa.
Fall River Foundry & Machine Co., Fall River, Mass.
Firth, Wm., Co., 150 Devonshire, Boston, Mass.
H. & B. Am. Mach. Co., Ltd., Pawtucket, R. I.
Lowell Machine Shop, Lowell, Mass.
McKerrow, H. G. & Co., 31 State, Boston, Mass.
Providence Machine Co., Providence, R. I.
Riley, C. E., & Co., 65 Franklin, Boston, Mass.
Saco & Pettee Machine Works, Newton Upper Falls, Mass.

FRAMES (SLUBBING)

Diamond Textile Machine Works, 2d & Diamond, Phila., Pa.
Firth, Wm., Co., 150 Devonshire, Boston, Mass.
Howard & Bullough Am. Mach. Co., Ltd., Pawtucket, R. I.
Lowell Machine Shop, Lowell, Mass.
Providence Machine Co., Providence, R. I.
Saco & Pettee Machine Works, Newton Upper Falls, Mass.

FRAMES (SPINNING)

(See also Frames, Ring Spinning; also Frames, Wool Spinning; also Mules.)

Diamond Textile Machine Works, 2d & Diamond, Phila., Pa.
Fall River Foundry & Machine Co., Fall River, Mass.
Flaccus, C. L., 224 N 3d, Phila., Pa.
Howard & Bullough Am. Mach. Co., Ltd., Pawtucket, R. I.
Jefferson, Edw. & Bro., 127 S 2d, Phila., Pa.
Mason Machine Works, Taunton, Mass.
Riley, C. E., & Co., 65 Franklin, Boston, Mass.
Saco & Pettee Machine Shops, Newton Upper Falls, Mass.
Whitin Machine Works, Whitinsville, Mass.

FRAMES (TWISTING)

(See Twisters.)

FRAMES (WOOL SPINNING)

(See also Mules.)

Diamond Textile Machine Works, 2d & Diamond, Phila., Pa.
Fall River Foundry & Machine Co., Fall River, Mass.
Flaccus, C. L., 224 N 3d, Phila., Pa.
Johnson & Bassett, Worcester, Mass.
Smith, Jas., Woolen Machinery Co., 411 Race, Phila., Pa.

FULLING MILLS

Hopkins Machine Works, Bridgeton, R. I.
Hunt, Rodney Machine Co., Orange, Mass.
Hunter, James Machine Co., N Adams, Mass.
Kenyon, D. R. & Son, Raritan, N. Y.

GARNETT MACHINES

Philadelphia Textile Machinery Co. ("Proctor"), Hancock & Somerset, Phila., Pa.
Smith, James Woolen Machinery Co., 411 Race, Philadelphia, Pa.

GARNETT & CARD MACHINES (COMBINED)

Smith, James Woolen Machinery Co., 411 Race, Philadelphia, Pa.

GAS SINGEING MACHINES

(See Singeing Machines.)

GIGS (TEASEL)

Cleveland Machine Works, Worcester, Mass.
Curtis & Marble Machine Co. (Gessner Patent), Worcester, Mass.
Parks & Woolson Machine Co., Springfield, Vt.
Stoddard, Haserick, Richards & Co., 152 Congress, Boston, Mass.

GILL & COMBING PINS

Stoddard, Haserick, Richards & Co., 152 Congress, Boston, Mass.

GILLS (PREPARING & FINISHING)

Atherton, A. T. Machine Co., Pawtucket, R. I.
Lowell Machine Shop, Lowell, Mass.
Riley, C. E., & Co., 65 Franklin, Boston, Mass.

GLASS RODS & BARS

Dempwolf, Chas., Jr., Paterson, N. J.
Mitchell-Bissell Co. (Rods for Looms), 38 Murray, New York.

GUIDE WIRES

Blackstone Reed & Harness Co., Pawtucket, R. I.
Brooks, M. S., & Sons, Chester, Conn.
Jencks, E., Mfg. Co., Pawtucket, R. I.
Wire Goods Co., 20 Union, Worcester, Mass.

GUIDES (PORCELAIN & ENAMELED)

Mitchell-Bissell Co., 38 Murray, New York

HACKLE PINS

Crabb, Wm. & Co., Newark, N. J.
Lydell, H. & Foulds, Manchester, Conn.

HACKLES

(See Combs, Circles & Fallers.)

HARNESS STRAPS

Burgess, A. & Son, Providence, R. I.
Chicago Raw Hide Mfg. Co., 75 Ohio, Chicago, Ill.
Coupe, Wm. & Co., South Attleboro, Mass.
Jacobs, E. H. Mfg. Co., Danielsville, Conn.

HARNESS TWINE

Allen, J. & S., Walpole, Mass.
Ballou Yarn Co., Providence, R. I.
Cranston Worsted Mills, Bristol, R. I.
Eichmann & Sternberg, 530 B'way, New York.
Fawcett, Hughes, 115 Franklin, New York.
Hoffman-Corr Mfg. Co., 107 Duane, N. Y.
Marshall & Co., Kearney, N. J.
Moore, C. & Co., 14 S 5th, Phila., Pa.
Morgan, E. A., 54 Franklin, N. Y.
Whittier Mills, Springfield, Mass.
Williams, J. H. Co., Utica, N. Y.

HARNESSES (LOOM)

American Supply Co., 11 & 13 Eddy, Providence.
Andrews Loom Reed & Harness Co., Spartenburg, S. C.
Blackstone Reed & Harness Co., Pawtucket, R. I.
Carruthers, Robt., Lowell, Mass.
Crabb, Wm. & Co., Newark, N. J.
Emmons Loom & Harness Co., Lawrence, Mass.
Excelsior Loom Reed Works Pawtucket, R. I.
Fowler, Henry C., New Bedford, Mass.
Gibbons Loom, Harness & Reed Co., Clinton, Mass.
Hall, I. A. & Co., 30 Hamilton ave., Paterson, N. J.
Harris, Geo. W., 199 Perkins, Lowell, Mass.
Jeffrey, Henry, Loom Harness Co., Woonsocket, R. I.
Loom Picker Co., Biddeford, Me.
Paterson Reed & Harness Co., Paterson, N. J.
Schaum & Uhlinger, N 2d & Glenwood av, Phila., Pa.
Street, R. R. & Co., 184 Washington, Chicago, Ill.
Ulrich & Co., Paterson, N. J.
Walder, J., Paterson, N J.
Webster Loom Harness Co., Fall River, Mass.
Wilkins, F. B. & Co., Woonsocket, R. I.
Williams, J. H. Co., Fall River, Mass.

HECK STANDS

Philadelphia Textile Machinery Co. ("Furbush"), Phila., Pa.

HEDDLES

Benazet Meddle Co., Ltd., Darby, Pa.
Carruthers, Robt., Lowell, Mass.
Hall, I. A. & Co., 30 Hamilton av, Paterson, N. J.
Harris, Geo. W., 199 Perkins, Lowell, Mass.
Howard Bros. Mfg. Co., 42 Vine, Worcester, Mass.
Schaum & Uhlinger, N 2d st & Glenwood av, Phila., Pa.
Steel Heddle Mfg. Co., 1840 Gtn, Phila., Pa.
Walder, J., Paterson, N. J.
Watson, L. S. Mfg. Co., Leicester, Mass.
Williams, J. H. Co., Utica, N. Y.

HEDDLES (BRAIDED)

Hall, I. A. & Co., 30 Hamilton av, Paterson, N. J.

HEDDLES (JACQUARD)

American Supply Co., Providence, R. I.

HEDDLES (STEEL)

Steel Heddle Mfg. Co., 1840 Gtn, Phila., Pa.

HEDDLES (WIRE)

Billington, Jos. H. Co., 113 Chestnut, Phila., Pa
Cutler, Aaron T., 194 Front, Worcester, Mass.
Howard Bros. Mfg. Co., 42 Vine, Worcester, Mass.
Watson, L. S. Mfg. Co., Leicester, Mass.

HOSIERY BOARDS

Clarke, Geo. H. & Co., Meredith, N. H.
Pearson, Jos. T., 1147 Beach, Phila., Pa.
Wisconsin Mfg. Co., Two Rivers, Wis.

HOSIERY MACHINES

(See Knitting Machines, Hosiery.)

HOSIERY STRIPING ATTACHMENTS

Am. Knitting Machine Co., 56 N 6th, Phila., Pa.

HUMIDIFYING APPARATUS

(See also Moistening Apparatus, Air.)
American Moistening Co., Equitable bldg, Boston, Mass.
Coburn, Fred S., Woonsocket, R. I.
STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria St, London, England. (See adv. index, end of book)

HYDRO-EXTRACTORS

AMERICAN TOOL & MACHINE CO. 109 Beach, Boston, Mass.
Bird, F. J. ("Little Giant"), 132 Arch, Phila., Pa.
Curtis & Marble Machine Co., Worcester, Mass.
Empire Laundry Machinery Co., Boston, Mass.
Hagen, A. T. Co., Rochester, N. Y., & 26 S Clinton, Chicago, Ill.
Riley, C. E. & Co., 65 Franklin (Sole agts. for Thos. Broadhursts & Sons' Patent Suspended Steam Driven), Boston, Mass.
Textile Finishing Machinery Co., 17 Exchange pl, Providence, R. I.
Tolhurst, W. H. & Son, Troy, N. Y.
Troy Laundry Machinery Co., Troy, N. Y.

INDIGO MILLS

Humphrey Machine Co., Keene, N. H.
Lowell Machine Shop, Lowell, Mass.
Textile Finishing Machinery Co., 17 Exch. pl, Providence, R. I.
Townsend Furnace & Machine Shop, Albany, N. Y.

JACK HOOKS

Brooks, M. S., & Sons, Chester, Conn.

JIGGERS

Butterworth, H. W. & Sons Co., 2415 E York, Phila., Pa.
Kenyon, D. R. & Son, Raritan, N. J.
Mackenzie, Duncan & Sons, Trenton, N. J.
Terhune, J. I., 164 Ward, Paterson, N. J.
Textile Finishing Machinery Co., 17 Exch. pl, Providence, R. I.
Watson Machine Co., Paterson, N. J.

JUTE MACHINERY

(See also Spinning Machinery, Jute.)
Haskell-Dawes Machine Co., 176 Federal, Boston, Mass.
Todd, Jos. C., 203 B'way, N. Y. Works, Paterson, N. J.

KNITTING MACHINE ATTACHMENTS

Babcock Machine Works, Ft. Plain, N. Y.
Branson Machine Co., 504 N. American, Phila., Pa.
Cooper, Chas., Bennington, Vt.
Sweet & Doyle, Cohoes, N. Y.

KNITTING MACHINERY

Adams, Geo. H. & Co., Hill, N. H.
American Knitting Machine Co., 56 N 6th, Phila., Pa.
American Machine Works, 420 Samson, Phila., Pa.
American Twist Drill Co., Laconia, N. H.
Ardrey, S. B. & Sons, Bristol, Pa.
Beattie, Wm. & Son, Cohoes, N. Y.
Boss Knitting Machine Works, Reading, Pa.
Branson Machine Co., 506 N American, Phila., Pa.
Brenner, Jos., Phila., Pa.
Brinton, H. & Co. (Seamless Ribbed Machines for all kinds of Hosiery and Underwear), 213 Race, Phila., Pa.
Bucyrus Knitting Machine Co., Bucyrus, O.
Burson Mfg. Co., Rockford, Ill.
Campbell & Clute, Cohoes, N. Y.
Cook, Stephen S., 624 Race, Phila., Pa.
Cooper, Chas., Bennington, Vt., & Amsterdam, N. Y.
Crane Bros., Westfield, Mass.
Crane Mfg. Co., Lakeport, N. H.
Crawford Mfg. Co., New Brunswick, N. J.
Eckersley & Kershaw, 214 W Dauphin, Phila., Pa.
Excelsior Knitting Mach. Mfg. Co., Allentown, Pa.
Fisher Knitting Machine Co., Utica, N. Y.
Flexible Machine Works (Inc.), Reading, Pa.
Gearhart, Jos. E., Clearfield, Pa.
Hemphill Machine Co., Pawtucket, R. I.
Hepworth, Jno. W. & Co., Lehigh av & Memphis, Phila., Pa.
Hodgson, E. A., Laconia, N. H.
Household Sewing Machine Co., 9 E 14th, N. Y.
Huse, Warren D. & Son, Laconia, N. H.
Ives, Loyal T., New Brunswick, N. J.
Jenckes, E. Mfg. Co., Pawtucket, R. I.
Jones, Lewis, 60½ Media, Phila., Pa.
Kennedy, Thos., Cohoes, N. Y.
Keystone Knitting Machine Mfg. Co., 2600 N 6th, Phila., Pa.
Kilbourn Knitting Machine Co., New Brunswick, N. J.
Lamb Knitting Machine Co., Chicopee Falls, Mass.
Leighton Machine Co., Manchester, N. H.
Lindley, Geo. W., Germantown, Pa.
Ludwig, E. H. (importer of), Hawley, Pa.
McMichael & Wildman Mfg. Co., Norristown, Pa.
Mayo, Geo. D. Machine Co., Laconia, N. H.
Mayo Knitting Machine & Needle Co., Franklin Falls, N. H.
Merrow Machine Co., 28 Laurel, Hartford, Conn.
Mueller, Arthur, 780 Madison, Brooklyn, N. Y.
National Automatic Knitter Co., American & Diamond, Phila., Pa.
Nye & Tredick Co., 606 Arch, Phila., Pa.
Payne, G. W. & Co., Pawtucket, R. I.
Pearson, W. H. & Sons, Lowell, Mass.
Pepper Mfg. Co., Lakeport, N. H.
Ruth Automatic Knitting Machine Co., York, Pa.
Scott & Williams, 2079 E Cumberland, Phila, Pa.
Snyder, Homer P. Mfg. Co., Little Falls, N. Y.
Stafford & Holt, Little Falls, N. Y.
Standard Machine Co., 917 Arch, Phila., Pa.
Steber, B. T., 9 Charlotte, Utica, N. Y.
Taylor, James, 835 Arch, Phila., Pa.
Terwilliger, W. H. & Co., Amsterdam, N. Y.
Textile Machine Works (Inc.), Reading, Pa.
Tiffany Bros., Bennington, Vt.
Tompkins Bros., Troy, N. Y.
Trump Bros., Machine Co. (Beech), Wilmington, Del.

KNITTING MACHINES (CARDIGAN JACKET)

Lamb Knitting Machine Co., Chicopee Falls, Mass.

KNITTING MACHINES (CIRCULAR)

Crane Bros., Westfield, Mass.
Crane Mfg. Co., Lakeport, N. H.
Leighton Machine Co., Manchester, N. H.
Nye & Tredick Co., 606 Arch, Phila., Pa.

KNITTING MACHINES (FAMILY)

Gearhart, Jos. E., Clearfield, Pa.

KNITTING MACHINES (HAND)

Branson Machine Co., 506 American, Phila., Pa.

KNITTING MACHINES (HOSIERY)

Brinton, H. & Co. (Ribbed & Seamless), 213 Race, Phila., Pa.
Jenckes, E. Mfg. Co., Pawtucket, R. I.
Lamb Knitting Machine Co., Chicopee Falls, Mass.
Leighton Machine Co., Manchester, N. H.
Mayo Knitting Machine & Needle Co., Franklin, N. H.
Nye & Tredick, 606 Arch, Phila., Pa.
Taylor, James, 835 Arch, Philadelphia, Pa.

KNITTING MACHINES (RIB)

Brinton, H. & Co. (For Hosiery & Underwear), 213 Race, Phila., Pa.
Champion Machine Co., Philadelphia, Pa.
McMichael & Wildman Mfg. Co., Norristown, Pa.
Ruth & Co., Norristown, Pa.
Scott & Williams (For Underwear, Hosiery, etc.), 2079 E Cumberland, Phila., Pa.
Snyder, Homer P. Mfg. Co., Little Falls, N. Y.
Stafford & Holt, Little Falls, N. Y.

KNITTING MACHINES (SEAMLESS)

American Knitting Machine Co., 56 N 6th, Phila., Pa.
Boss Knitting Machine Works, Reading, Pa.
Brinton, H. & Co. (For Hosiery & Underwear), 213 Race, Phila., Pa.
Scott & Williams (Automatic Hosiery), 2079 E Cumberland, Phila., Pa.

KNITTING MILL SUPPLIES

Sweet & Doyle, Cohoes, N. Y.

KNIVES (TEXTILE)

(See Page 621)

KNOTTERS (SPOOLER)

Barber & Colman, 11 Pemberton Sq., Boston, Mass.

LABELING MACHINES

F. & G. Novelty Co., 467 B'way, N. Y.
Saranac Electrical Mfg. Co., St. Joseph, Mich.

LACE MACHINERY

Textile Finishing Machinery Co., 17 Exchange pl, Providence, R. I.

LACERS (AUTOMATIC LOCK & LOOP STITCH)

Royle, John, & Sons, Paterson, N. J.

LAPPERS

(See Openers & Lappers, Cotton.)

LAUNDRY MACHINERY

(See Index of Contents.)

LEASE RODS

American Enamel Co. (Enameled), Neville, Providence, R. I.
Berry & Johnston, 209 Bedford, Fall River, Mass.
Southern Bobbin Co. (Enameled), Greensboro, N. C.

LOOM ATTACHMENTS

Asala Co., 415 B'way, N. Y.
Atwood-Morrison Co., Stonington, Conn.
Beamen & Smith, Providence, R. I.
Brown Bros. Co., Providence, R. I.
Crompton & Knowles Loom Works, Worcester, Mass.
Eastwood, Benjamin, Co., Paterson, N. J.
Lahue, M. M. & Co., 107 Cushing, Lowell, Mass.
Stafford, Geo. W. Co., Readville, Mass.
Steele, A. H., & Bro., Worcester, Mass.

LOOM CRANK SHAFTS

Bahhitt Bros., Fairhaven, Mass.
Fall River Foundry & Machine Co., Fall River, Mass.

LOOM FORKS

American Enamel Co., Providence, R. I.
Brown Bros. Co., Providence, R. I.
Clegg Weft-Fork Co., 83 Main, Fall River, Mass.
English, C. R. Co., 204 Summer, Boston, Mass.
Non-Rebounding Loom Fork Co., Fall River, Mass.

LOOM HARNESSES

(See Harnesses, Loom.)

LOOM KNIVES

COES, LORING & CO. (Inc.), Worcester, Mass. (See adv. index, end of book)

LOOM LINGOES

Hall, I. A. & Co., Paterson, N. J.

LOOM PICKERS

(See Pickers, Loom.)

LOOM STRAPPING

Ahhott, J. V. Mfg. Co., Dedham, Mass.
American Supply Co., Providence, R. I.
Barlow, John W. Co., Lawrence, Mass.
Brown Bros. Co., Providence, R. I.
Burgess, A. & Son, Providence, R. I.
Chicago Rawhide Mfg. Co., 75 E Ohio, Chicago, Ill., & 139 Congress, Boston, Mass.
Coupe, Wm., & Co., So. Attlehoro, Mass.
Graton & Knight Mfg. Co., Worcester, Mass.
Jacobs, E. H. Mfg. Co., Danielsville, Mass.
Keystone Leather Belting Works, 245 Lafayette, Norristown, Pa.
Loom Picker Co., Biddeford, Me.
Millliken, W. & Son, Franklin, Mass.
Page Belting Co., Concord, N. H.
Providence Belting Co., Providence, R. I.
Weatherhead, Thompson & Co., Pawtucket, R. I.

LOOM TEMPLES

Crompton & Knowles Loom Works, Worcester, Mass.
Draper, J. O. & Co., Pawtucket, R. I.
Stoddard, Haserick, Richards & Co., 152 Congress, Boston, Mass.

LOOM WEBS

(See also Webbing, Elastic.)

Ansonia, O. & C. Co., Ansonia, Conn.
Connecticut Web Co., Bridgeport, Conn.

LOOMS

Alvord, Clinton, 5 Summer, Worcester, Mass.
Amidon, S. B., Staffordsville, Conn.
American Loom Co., Readville, Mass.
Crompton-Thayer Loom Co., Worcester, Mass.
Crompton & Knowles Loom Works, Worcester, Mass.
Draper Co., Hopedale, Mass.
Eastwood, Benj. Co., Paterson, N. J.
Hughes & Russum (all kinds), Fkd., Phila., Pa.
Insinger Co., Stenton av & Luray, Phila., Pa.
Jackson, James & Son (Inc.), Paterson, N. J.
Jefferson, Edw. & Bro., 127 S 2d, Phila., Pa.
Kilburn, Lincoln & Co., Fall River, Mass.
Klein, Charles C., 2850 N Marshall, Phila., Pa.
Leigh, Evan Arthur, 232 Summer, Boston, Mass.
Lowell Machine Shop, Lowell, Mass.
Lyall, J. & W., Passaic, N. J.
Mason Machine Works, Taunton, Mass.
Mutual Machine Works, Frankford, Phila., Pa.
Philadelphia, Pa.
Schaum & Uhlinger, No. Penn Junction, Phila., Pa.
Smith, H. B. Machine Co., Smithville, N. J.
Stafford, Geo. W. Co., Readville, Mass.
Steele, A. H. & Bro., 54 Hermon, Worcester, Mass.
Stoddard, Haserick, Richards & Co., 152 Congress, Boston, Mass.
Voelmy Bros., 507 W 30th, N. Y.
Whitin Machine Works, Whitinsville, Mass.
Widmer Bros., 108 N 7th, Paterson, N. J.

LOOMS (AXMINSTER)

Crompton-Thayer Loom Co., Worcester, Mass.
Crompton & Knowles Loom Works, Worcester, Mass.
Whitin Machine Works, Whitinsville, Mass.

LOOMS (BAG)

Crompton & Knowles Loom Works, Worcester, Mass.

LOOMS (BROAD)

Eastwood, Benj., Co., Paterson, N. J.
Lees, James & Sons Co., Bridgeport, Pa.
Mutual Machine Works, Frankford, Phila., Pa.
Paterson Machine Works, 46 Warren, Paterson, N. J.

LOOMS (CARPET)

Crompton & Knowles Loom Works, Worcester, Mass.
Leigh, Evan Arthur, 232 Summer, Boston, Mass.
Lyall, J. & W., 83 Leonard, New York
Smith, H. B. Machine Co., Smithville, N. J.
Stoddard, Haserick, Richards & Co., 152 Congress, Boston, Mass.

LOOMS (CASSIMERE)

Crompton & Knowles Loom Works, Worcester, Mass.
Woonsocket Machine & Press Co., Woonsocket, R. I.

LOOMS (COTTON)

Crompton-Thayer Loom Co., Worcester, Mass.
Crompton & Knowles Loom Works, Worcester, Mass.
Draper Co., Hopedale, Mass.
Fall River Foundry & Machine Co., Fall River, Mass.
Hughes & Russum, Frankford, Phila., Pa.
Kilburn, Lincoln & Co., Inc., Fall River, Mass.
Leigh, Evan Arthur, 232 Summer, Boston, Mass.
Lowell Machine Shops, Lowell, Mass.
Mason Machine Works Taunton, Mass.
Mutual Machine Works, Frankford, Phila., Pa.
Schaum & Uhlinger, N 2d & Glenwood av, Philadelphia, Pa.
Smith, H. B. Machine Co., Smithville, N. J.
Stafford, Geo. W. Co., Readville, Mass.
Whitin Machine Works, Whitinsville, Mass.
Woonsocket Machine & Press Co., Woonsocket, R. I.

LOOMS (COTTON DUCK)

Lowell Machine Shop, Lowell, Mass.
Mutual Machine Works, Frankford, Phila., Pa.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.

LOOMS (DRESS GOODS)

Crompton & Knowles Loom Works, Worcester, Mass.

LOOMS (EMBROIDERY)

Walther, Otto (Mfrs.' Agent), Bourse bldg, Phila., Pa.

LOOMS (FANCY)

Crompton-Thayer Loom Co., Worcester, Mass.
Crompton & Knowles Loom Works, Worcester, Mass.
Hughes & Russum, Fkd., Phila., Pa.
Kilburn, Lincoln & Co., Inc., Fall River, Mass.
Mason Machine Works, Taunton, Mass.
Stafford, Geo. W. Co., Readville, Mass.
Stoddard, Haserick, Richards & Co., 152 Congress, Boston, Mass.

LOOMS (GINGHAM)

Crompton & Knowles Loom Works, Worcester, Mass.
Draper Co., Hopedale, Mass.

LOOMS (JACQUARD)

Crompton & Knowles Loom Works, Worcester, Mass.
Eastwood, Benj. Co., Paterson, N. J.
Halton's, Thos. Sons, Phila., Pa.
Jackson, James & Sons, Inc., Paterson, N. J.
Mutual Machine Works, Frankford, Phila., Pa.

LOOMS (JEAN)

Crompton & Knowles Loom Works, Worcester, Mass.

LOOMS (JUTE CARPET)

Crompton & Knowles Loom Works, Worcester, Mass.

LOOMS (PLUSH)

Crompton & Knowles Loom Works, Worcester, Mass.
Mutual Machine Works, Frankford, Phila., Pa.

LOOMS (RIBBON)

Crompton & Knowles Loom Works, Worcester, Mass.
Schaum & Uhlinger, N 2d & Glenwood av, Phila., Pa.
Widmer Bros., Paterson, N. J.

LOOMS (RUG)

Crompton & Knowles Loom Works, Worcester, Mass.

LOOMS (SILK)

Atwood-Morrison Co., Stonington, Conn.
Crompton-Thayer Loom Co., Worcester, Mass.
Crompton & Knowles Loom Works, Worcester, Mass.
Eastwood, Benj., Co., Paterson, N. J.
Hughes & Russum, Fkd., Phila., Pa.
Kilburn, Lincoln & Co., Inc., Fall River, Mass.
Mason Machine Works, Taunton, Mass.
Paterson Machine Works, Paterson, N. J.
Stafford, Geo. W. Co., Readville, Mass.

LOOMS (SUSPENDER)

Atherton Machine Co., Paterson, N. J.
Crompton & Knowles Loom Works, Worcester, Mass.
Schaum & Uhlinger, N 2d & Glenwood av, Phila., Pa.
Widmer Bros., Paterson, N. J.

LOOMS (UPHOLSTERY)

Crompton & Knowles Loom Works, Worcester, Mass.

LOOMS (VELVET)

Crompton & Knowles Loom Works, Worcester, Mass.

LOOMS (WEBBING)

Atherton Machine Co., Paterson, N. J.
Crompton & Knowles Loom Works, Worcester, Mass.

LOOMS (WOOLEN)

Crompton-Thayer Loom Co., Worcester, Mass.
Crompton & Knowles Loom Works, Worcester, Mass.
Hughes & Russum, Fkd., Phila., Pa.
Leigh, Evan Arthur, 232 Summer, Boston, Mass.
Mutual Machine Works, Frankford, Phila., Pa.
Smith, James Woolen Machinery Co., 411 Race, Phila., Pa.

LOOMS (WORSTED)

Crompton & Knowles Loom Works, Worcester, Mass.
Hughes & Russum, Fkd., Phila., Pa.
Leigh, Evan Arthur, 232 Summer, Boston, Mass.
Woonsocket Machine & Press Co., Woonsocket, R. I.

LOOPERS

Beattie, Wm. & Son, Cohoes, N. Y.
Hepworth & Co., Phila., Pa.
Scott & Williams, 2079 E Cumberland, Phila., Pa.
Ward & McLean, Lockport, N. Y.

LUG STRAPS

Black Diamond Lug Strap Co., Reading, Pa.
Chicago Rawhide Mfg. Co. (Rawhide), 75 E Ohio, Chicago, Ill., & 139 Congress, Boston, Mass.
Loom Picker Co., Biddeford, Me.
Milliken, W. & Son, Franklin, Mass.

LUMPERS

Gerry, Geo., & Son, Athol, Mass.
Smith, Jas. Woolen Machinery Co., 411 Race, Phila., Pa.

MAILS (BRASS & STEEL)

Ulrich & Co., Paterson, N. J.
Walder, Jacob, Paterson, N. J.

MECHANICAL DRAFT

(See Page 849)

MERCERIZING MACHINES

Birch Bros., Somerville, Mass.
Klauder-Weldon Dyeing Machine Co., Amsterdam, N. Y.
Textile Finishing Machinery Co. (Cloth or Yarn), 17 Exchange pl, Providence, R. I.

MILL CRAYONS

Lowell Crayon Co., Lowell, Mass.

MILL SOAPS

American Soap & Washoline Co., Cohoes, N. Y.
Draper, J. O. & Co., Pawtucket, R. I.
Eavenson, J. & Sons, 313 N 30th, Phila., Pa.
Farrington, W. U., East Greenwich, R. I.
Fox, Chas. J., 313 S Philip, Phila., Pa.
Hersom, Thos., & Co., New Bedford, Mass.
Holbrook Mfg. Co., 470 Washington, New York
Marseilles Castile Soap Wks., 34 Front, N. Y.
O. K. Soap Co., 968 Franklin, Phila., Pa.
Providence Sizing Co., Providence, R. I.
Rome Soap Mfg. Co., Rome, N. Y.
Starace, A. (importer), 76 Pearl, New York.
Warren Soap Mfg. Co., 77 Summer, Boston, Mass.
Woodley Soap Mfg. Co., 37 Norfolk av, Rox, Boston, Mass.

MILL SUPPLIES (TEXTILE)

(See also Mill & Factory Supplies.)

Allentown Bobbin Works, Allentown, Pa.
Allentown Reed, Harness & Supply Co., Allentown, Pa.
Altemus, Jacob K., 2824 N 4th, Phila., Pa.
American Shuttle Co., 53 State, Boston, Mass.
American Supply Co., Providence, R. I.
Atlanta Supply Co., Atlanta, Ga.
Barlow, John W. Co., Lawrence, Mass.
Bartlett & Dow, Lowell, Mass.
Billington, Jas. H. Co., 113 Chestnut, Phila.,
Buckley's, Benj. Son, Gun Mill, Paterson, N. C.
Charlotte Supply Co., Charlotte, N. C.
Clark, Jeremiah Machinery Co., Lowell, Mass.
Cleaver & Leather, Paterson, N. J.
Clover Leaf Mfg. Co., Carbondale, Pa.
Coburn, Fred. S., 243 Main, Woonsocket, R. I.
Columbia Mill Co., Columbia, S. C.
Covel & Osborn Co., 139 Pleasant, Fall River,
Crabb, William & Co., Newark, N. J. Mass.
Cramer, Stewart W., Charlotte, N. C.
Crawford & Co., 15 Mechanic, Worcester, Mass.
Diamond Textile Machine Works, 2d & Diamond, Phila., Pa.
Dodge Mfg. Co., Mishawaka, Ind.
Duckrow, R. A., Boardman blk, Troy, N. Y.
Easton & Burnham Machine Co., Pawtucket, R. I.
Elliott & Hall, 54 Hermon, Worcester, Mass.
English, C. R. Co., 204 Summer, Boston, Mass.
Fawcett, Hughes, 115 Franklin, N. Y.
Frost, Geo. T. & Sons, Paterson, N. J.
Hall, I. A. & Co., Paterson, N. J.
Hartson, L. M., Co. (Silk), N. Windham, Conn.
Haws, Geo. A., 25 Bridge, N. Y.
Hill, Jas. Mfg. Co., Providence, R. I.
Hill & Luther, Fall River, Mass..
Hoffman-Corr Mfg. Co., 107 Duane, N. Y.
Houghton, E. F. & Co., 240 W Somerset, Phila., Pa.
Jefferson, Edward & Bro., 127 S 2d, Phila., Pa.
Kavanaugh, Geo. W., Cohoes, N. Y.
Loom Picker Co., Biddeford, Me.
Lowell Machine Shop, Lowell, Mass.
McKerrow, H. G. & Co., 31 State, Boston. Mass.
Mack, H. A. Woodworking Co., Weatherby, Pa.
Manufacturers Supplies Co., 66 N 4th, Phila., Pa.
Merriman Flyer Works, 30 Island, Lawrence.
Milliken, W. & Son, Franklin, Mass. Mass.
Murphy, E. W. & Co., Hudson, N. Y.
Muzzy Bros., Paterson, N. J.
National Mill Supply Co., Paterson, N. J.
Odell Hardware Co., Greensboro, N. C.
Parks & Woolson Machine Co., Springfield, Vt.
Paterson Mill Supply Co., Paterson, N. J.
Philadelphia Textile Machinery Co., Phila., Pa.
Renkel Reed & Harness Co., Paterson, N. J.
Riley, C. E., & Co., 65 Franklin, Boston, Mass.
Robbing, O. A., Charlotte, N. C.
Rodgers, David G. Co., Paterson, N. J.
Ruhle & Willaredt, 341 W 37th, N. Y.
Saginaw Mfg. Co., Saginaw, Mich., & 44 Dey, Saner, Nicholas, 534 W 58th, N. Y. go, Ill.
Smith, Jas., Woolen Machinery Co., 411 Race, Phila., Pa.
Standard Mill Supply Co., 77 Exchange, Providence, R. I.
Steel Heddle Mfg Co., Phila., Pa.
Steele, A. H. & Bro., Worcester, Mass.
Stoddard, Haserick, Richards & Co., Boston. Mass.
Street, R. R. & Co., 184-186 Washington. Chica-
Sweet & Doyle (Knitting Mill Supplies), Cohoes, N. Y.
Taylor, James, 835 Arch, Phila., Pa.
Textile Mill Supply Co., Charlotte, N. C.
Thurston, A. G. & Son, Fall River, Mass.
Tompkins, D. A. Co., Charlotte, N. C.
Ulrich & Co., Paterson, N. J.
Van Riper Mfg. Co., Paterson, N. J.
Walder, Jacob, Paterson, N. J.
Washburn, A. H., Charlotte, N. C.
Watson, L. S. Mfg. Co., Leicester, Mass.
Wilkins Mfg. Co., 14 S Main, Woonsocket, R. I.
Woonsocket Machine & Press Co., Woonsocket, R. I.

MOISTENING APPARATUS (AIR)

American Moistening Co., Equitable bldg, Boston, Mass.
Garland Mfg. Co., Saco, Me.
Globe Moistening Co., Fall River, Mass.
Phila. Textile Machinery Co., Phila., Pa.
Regenerated Cold Air Co., 147 Milk, Boston, Mass.
TURTEVANT, B. F. CO. Hyde Park, Mass; 34 Oliver, Boston, Mass.; 281 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria st, London, Eng. (See adv. index, end of book)

MOTIONS (DOFFER COMB)

Barker, Jas., Phila., Pa.
Cleveland Machine Works, Worcester, Mass.

MOTIONS (DRAWING FRAME STOP)

Howard & Bullough, American Machine Co., Ltd., Pawtucket, R. I.
Riley, C. E. & Co., 65 Franklin, Boston, Mass.

MOTIONS (EVENER)

Lowell Machine Shop, Lowell, Mass.
Mason Machine Works, Taunton, Mass.
Saco & Pettee Machine Works, Newton Upper Falls, Mass.

MOTIONS (KNITTING MACHINE STOP)

Nye & Fredick, 606 Arch, Phila., Pa.
White, A., 8 Western av., Lowell, Mass.

MOTIONS (LOOM STOP)

Draper Co., Hopedale, Mass.
Tucker Stop Motion Co., Winsted, Conn.

MOTIONS (SELVAGE)

Crompton & Knowles Loom Works, Worcester, Mass.

MOTIONS (SPOOLER STOP)

Curry, Albert & Co., 102 Friendship, Providence, R. I.
Fall River Foundry & Machine Co., Fall River, Mass.
Lowell, Machine Shop, Lowell, Mass.

MOTIONS (WARP STOP)

Draper Co., Hopedale, Mass.
Stafford, Geo. W. Co., Readville, Mass.

MULE ATTACHMENTS

Ames Plow Co., Quincy Hall, Boston, Mass
Bagshaw, W. H. (Est. of), Lowell, Mass.
Diamond Textile Machine Works, 2d & Diamond, Phila., Pa.
Seifert, C. H., 306 Master, Phila., Pa.

MULES (COTTON)

Brown, Jas. (Est. of), Pawtucket, R. I.
Diamond Textile Machine Works, 2d & Diamond, Phila., Pa.
Firth, Wm., Co., 150 Devonshire, Boston, Mass.
Lowe, Stephen C., 186 Devonshire, Boston, Mass.
Lowell Machine Shop, Lowell, Mass.
McKerrow, H. G., & Co., 31 State, Boston, Mass.
Mason Machine Works, Taunton, Mass.
Riley, C. E., & Co., (Threlfall" self-acting), 65 Franklin, Boston, Mass.
Saco & Pettee Machine Shops, Newton Upper Falls, Mass.

MULES (SELF-ACTING)

Brown, Jas. (Est. of), Pawtucket, R. I.
Firth, Wm. Co., 150 Devonshire, Boston, Mass.
Lowe, Stephen C. (Hetherington & Curtis patterns), 186 Devonshire, Boston, Mass.
McKerrow, H. G. & Co., 31 State, Boston, Mass.
Mason Machine Works, Taunton, Mass.
Philadelphia Textile Machinery Co. ("Furbush"), Phila., Pa.
Riley, C. E. & Co., 65 Franklin, Boston, Mass.
Smith, Jas., Woolen Machinery Co. (English & Moulton Styles), 411 Race, Phila., Pa.
Stoddard, Haserick, Richards & Co., 152 Congress, Boston, Mass.

MULES (WOOLEN)

Johnson & Bassett, Worcester, Mass.
Lowe, Stephen C., 186 Devonshire, Boston, Mass.

Lowell Machine Shop, Lowell, Mass.
Riley, C. E. & Co. ("Self-acting"), 65 Franklin, Boston, Mass.
Smith, Jas., Woolen Machinery Co., 411 Race, Phila., Pa.
Stoddard, Haeserick, Richards & Co., 152 Congress, Boston, Mass.

MULES (WORSTED)

Diamond Textile Machine Works, 2d & Diamond, Phila., Pa.
Firth, Wm., Co., 150 Devonshire, Boston, Mass.
Riley, C. E., & Co., ("Self-acting"), 65 Franklin, Boston, Mass.
Borchers, Rich'd C. & Co., Womrath & Lackawanna, Fkd., Phila., Pa.

NAPPING MACHINES

American Napping Machine Co., Williamstown, Mass.
Ardrey, S. B. & Sons, Bristol, Pa.
Birch Bros., Somerville, Mass.
Borchers, Richd. C., & Co., 1708 G'tn av, Phila., Pa.
Cleveland Machine Co., Worcester, Mass.
Curtis & Marble Machine Co., Worcester, Mass.
Davis & Furber Machine Co., North Andover, Mass.
Gerry, Geo., & Son, Athol, Mass.
Gessner, David, 172 Union, Worcester, Mass.
Jones, Lewis, 60½ Media, Phila., Pa.
McCreary, Edw. M., Cohoes, N. Y.
Parks & Woolson Machine Co., Springfield, Vt.
Smith, James Woolen Machinery Co., 411 Race, Phila., Pa.
Woonsocket Napping Machinery Co., Woonsocket, R. I.

NECK MARKING MACHINES

Kennedy, Thos., Cohoes, N. Y.

NEEDLES (COMBER)

Crabb, Wm. & Co., Newark, N. J.
Tompkins Bros., Troy, N. Y.
Townsend, Thos., 157 Orange, Providence, R. I.

NEEDLES (CROCHET MACHINE)

Merrow Machine Co., Hartford, Conn.

NEEDLES (KNITTING MACHINE)

Adams, G. H. & Co., Hill, N. H.
Ames, D. J., Philmont, N. Y.
Branson Machine Co., 506 N American, Phila.,
Breedon's Wm. Son, Amsterdam, N. Y.
Cooper, Chas., Bennington, Vt.
Corey, Wm. Co., Manchester, N. H.
Dodge Needle Co., Manchester, N. H.
Excelsior Needle Co., Torrington, Conn.
Ivis Loyal T., New Brunswick, N. J.
Lydall, H. & Foulds, Manchester, Conn.
Manufacturers Supplies Co., 66 N 4th, Phila., Pa.
Mayo Knitting Machine & Needle Co., Franklin, N. H.
Page Needle Co., Chicopee Falls, Mass.
Shaw, J. E. & Son, Phila., Pa.
Treat, Orion C., Green, Conn.
Wardwell Needle Co., Lakeport, N. H.

NEEDLES (LATCH)

Corey, Wm. Co., Manchester, N. H.
Dodge Needle Co., Manchester, N. H.
Franklin Needle Co., Franklin, N. H.
Lamb Knitting Mfg. Co., Chicopee Falls, Mass.
Mayo Knitting Machine & Needle Co., Franklin, N. H.
Page Needle Co., Chicopee Falls, Mass.
Shaw, J. E. & Son, Phila., Pa.

NEEDLES (SEWING MACHINE)

Brown, Eben, Milford, Mass.
Eastham, Henry W., Lynn, Mass.
Excelsior Needle Co., Torrington, Conn.
Lilley & Co., Milford, Mass.
National Needle Co., Springfield, Mass.
Singer Mfg. Co., 18th & 3d av, N. Y.
Smith, A. H. & Co., New Haven, Conn.
Wheeler & Wilson Mfg. Co., Bridgeport, Conn.

NEEDLES (SPRING KNITTING)

Ames, David J., Philmont, N. Y.
Breedon's, Wm. Son, Amsterdam, N. Y.
Crane Bros., Westfield, Mass.
Crane Mfg. Co., Lakeport, N. H.
Ives, Loyal T., New Brunswick, N. J.
Lennox, Dunz & Co., Cohoes, N. Y.

NUMBERING MACHINES (REPEATER)

Royle, John & Sons, Paterson, N. J.

OPENERS & FEEDERS (WOOL WASHER)

Harwood, Geo. S. & Son, 53 State, Boston, Mass.

OPENERS & LAPPERS (COTTON)

Atherton, A. T. Machine Co., Pawtucket, R. I.
Howard & Bullough American Machine Co., Ltd., Pawtucket, R. I.
Kitson Machine Co., Lowell, Mass.
Leigh, Evan Arthur, 232 Summer, Boston, Mass.
Mason Machine Works, Taunton, Mass.
Phila. Textile Machinery Co., Hancock & Somerset, Philadelphia, Pa.
Whitin Machine Works, Whitinsville, Mass.

OVERSEAMING MACHINES

Industrial Mfg. Co., Camden, N. J.
Merrow Mach. Co., Hartford, Conn.
National Automatic Knitter Co., American & Diamond, Phila., Pa.
Singer Mfg. Co., 561 B'way, N. Y.
Standard Sewing Mach. Co., Cleveland, O.
Wheeler & Wilson Mfg. Co., Bridgeport, Conn.
Wilcox & Gibbs Sewing Mach. Co., 658 B'way, N. Y

PADDING MACHINES

Butterworth, H. W. & Sons Co., Philadelphia, Pa.
Textile Finishing Machinery Co., 17 Exch. pl, Providence, R. I.
Watson Machine Co., Paterson, N. J.

PIANO MACHINES

Royle, John & Sons, Paterson, N. J.
Schaum & Uhlinger, Phila., Pa.

PICKER LEATHER

Booth & Co., 88 Gold, New York
Burgess, A. & Son, Providence, R. I.
Chicago Rawhide Mfg. Co. (Rawhide), 75 E Ohio, Chicago, Ill., & 139 Congress, Boston, Mass.
Coupe, Wm., & Co. ("Excelsior" Raw Hide), S. Attleboro, Mass.
Helvetia Leather Co., Lancaster, Pa.
Holbrook, A. & C. W., Providence, R. I.
Houghton, E. F. & Co. (Vim), 240 W Somerset, Phila., Pa.
Jacobs, E. H. Mfg. Co., Danielsonville, Conn.
Loom Picker Co., Biddeford, Me.
Norwich Belt Mfg. Co., Norwich, Conn.
Page Belting Co., Concord, N. H.
Popham, Henry, & Son ("Black English"), Newark, N. J.
Shultz Belting Co., 402 Barton, St. Louis, Mo.
Stoddard, Haserick, Richards & Co., 152 Congress, Boston, Mass.

PICKER LOOPS (TAPE)

Loom Picker Co., Biddeford, Me.

PICKER PARTS

Crabb, Wm. & Co., Newark, N. J.
Dodge, Chas. C., Lowell, Mass.
Jacobs, E. H. Mfg. Co., Danielsonville, Conn.
Loom Picker Co., Biddeford, Me.

PICKER PINS

Bagshaw, W. H. (Est. of), Lowell, Mass.
Dodge, C. S. (Hot Forged), Lowell, Mass.
Stott, Sam'l E. & T., Lowell, Mass.

PICKER ROD SPRINGS

Loom Picker Co., Biddeford, Me.

PICKER STICKS

Coburn, Fred. S., 243 Main, Providence, R. I.
Horn, Jas., Horn's Mills, N. H.
Houghton, E. F. & Co., 240 W Somerset, Phila., Pa.
Loom Picker Co., Biddeford, Me.
Loveland, L. H., Jr., Rumney, N. H.
Montgomery Lumber & Mfg. Co. (In Quantities), Montgomery, Ala.
New England Shuttle Co., 64 Leverett, Lowell, Mass.
Southern Bobbin Co. (Hickory), Greensboro, N. C.
Tatem, J. B. & Son, West Thompson, Conn.

PICKER TEETH

Crabb, Wm. & Co., Newark, N. J.
Holman, Issac T., Millville, Mass.
Keystone Drop Forge Works, Chester, Pa.

PICKERS

Atherton, A. T., Machine Co., Pawtucket, R. I.
Atlas Foundry & Machine Co., Belleville, N. J.
Clark Machine & Fdy. Co., Franklin, Mass.
Cleveland Mach. Works, Worcester, Mass.
Curtis & Marble Mach. Works, Worcester, Mass.
Garland Mfg. Co., Saco, Me.
Holbrook, A. & C. W., Providence, R. I.
Jacobs, E. H. Mfg. Co., Danielsonville, Conn.
Philadelphia Textile Machinery Co. ("Furbush"), Phila., Pa.
Saco & Pettee Machine Shops, Newton Upper Falls, Mass.
Schofield, Wm. Co., Manayunk, Phila., Pa.
Whitin Mach. Co., Whitinsville, Mass.

PICKERS (BURR)

Atlas Foundry & Mach. Co., Belleville, N. J.
Curtis & Marble Machine Co. ("Goddard"), Worcester, Mass.
Sargent's, C. G. Sons, Westford, Mass.
Smith, James, Woolen Machinery Co., 411 Race, Phila., Pa.

PICKERS (COTTON FILLED)

Houchin & Huber, 35 53d, Brooklyn, N. Y.
Wilkins Mfg. Co., Woonsocket, R. I.

PICKERS (HAIR)

Atlas Foundry & Mach. Co., Belleville, N. J.
Houchin & Huber, 35 53d, Brooklyn, N. Y.

PICKERS (LOOM)

Abbott, J. V. Mfg. Co., Dedham, Mass.
Akron Belting Co. (Leather), Akron, O.
Barlow, John W. Co., Lawrence, Mass.
Brown Bros. Co., Providence, R. I.
Burgess, A. & Sons, Providence, R. I.
Coburn, Fred S., 243 Main, Woonsocket, R. I.
Coupe, Wm., & Co., So. Attleboro, Mass.
Crane Bros., Westfield, Mass.
Crompton & Knowles Loom Works, Worcester, Mass.
Holbrook, A. & C. W., Providence, R. I.
Houghton, E. F. & Co., 240 W Somerset, Phila., Pa.
Jacobs, E. H. Mfg. Co., Danielsonville, Conn.
Kimball, L. S., Lowell, Mass.
Loom Picker Co., Biddeford, Me.
Milliken, W. & Son, Franklin, Mass.
Pickles, Joseph, New Bedford, Mass.
Smith, Jas., & Co., 411 Race, Phila., Pa.
Union Belt Co., Fall River, Mass.
Wilkins Mfg. Co., 14 S Main, Woonsocket, R. I.
Williams, J. H. Co., Utica, N. Y.

PICKERS (RAG OR SHODDY)

Clark Machine & Fdy. Co., Franklin, Mass.
Dodge, C. S., Lowell, Mass.
Houchin & Huber, 35 53d, Brooklyn, N. Y.
Kitson Machine Co., Lowell, Mass.
Philadelphia Textile Machinery Co. ("Proctor"), Phila., Pa.
Schofield, Wm. Co., Manayunk, Phila., Pa.
Smith, Jas., Woolen Machinery Co., 411 Race, Phila., Pa.
Stott, S. E. & T., Lowell, Mass.

PICKERS & CLEANERS (STOCK)

Smith, Jas. Woolen Mach. Co., 411 Race, Phila., Pa.

POWER TRANSMITTING MACHINERY

(See Page 707)

PRESS PLATES

Cleveland Machine Works, Worcester, Mass.

PRESSES (CLOTH)

Spence & Rideout (Power Presses with Hollow Seam Press Plates & Connections), Nashua, N. H.

PRESSES CLOTH (ROTARY STEAM)

Curtis & Marble Machine Co., Worcester, Mass.
Holyoke Machine Co., Holyoke, Mass.
Wilbur Press & Machine Co., Woonsocket, R. I.
Woonsocket Machine & Press Co., Woonsocket, R. I.

PRESSES (COTTON)

(See Page 977)

PRESSES (WARP)

Liddell Co., Charlotte, N. C.

QUILLERS

Altemus, Jacob K., 2824 N 4th, Phila., Pa.
Atherton Machine Co. (For Silk Mills), Paterson, N. J.
Atwood, Morrison Co., Stonington, Conn.
Crompton & Knowles Loom Works, Worcester, Mass.
Eastwood, Benj., Co., Paterson, N. J.
Franklin Machine Co., Providence, R. I.
Paterson Machine Works, 46 Warren, Paterson, N. J.
Payne, G. W. & Co., Pawtucket, R. I.
Rhode Island Braiding Machine Co., Providence, R. I.
Royle, Jno. & Sons, Paterson, N. J.
Steele, A. H. & Bro., 54 Hermon, Worcester, Mass.
Whitin Machine Works, Whitinsville, Mass.

QUILLS

Dempwolf, Chas., Jr., Paterson, N. J.
Hall, I. A. & Co., Paterson, N. J.
Ulrich & Co., Paterson, N. J.

RAG MACHINERY

Riley, C. E., & Co., 65 Franklin, Boston, Mass.

RAILWAY HEADS

Fall River Mach. Co., Fall River, Mass.
Draper Co., Hopedale, Mass.
Fall River Foundry & Machine Co., Fall River, Mass.
Lowell Machine Shop, Lowell, Mass.
Mason Machine Works, Taunton, Mass.
Saco & Pettee Machine Shops, Newton Upper Falls, Mass.
Whitin Machine Works, Whitinsville, Mass.

RAVELERS

American Raveler Co., Philmont, N. Y.
Union Raveler Co., 519 River, Troy, N. Y.

RAVELING MACHINES (YARN)

Taylor, Jas., 835 Arch, Phila., Pa.

REEDS

American Supply Co., Providence, R. I.
Andrews' Loom Reed & Harness Works, Spartenberg, S. C.
Baldwin, Jas. Co., Manchester, N. H.
Berry & Johnston, Fall River, Mass.
Blackstone Reed & Harness Co., Pawtucket, R. I.
Carruthers, Robt., Lowell, Mass.
Cleworth, John (Steel & Brass), Manchester, N. H.
Cowles, C. Co. (Inc.), New Haven, Conn.
Crabb, William & Co., Newark, N. J.
Craig & Scott, Lewiston, Me.
Draper Co., Hopedale, Mass.
Emmons Loom Harness Co., Lawrence, Mass.
Excelsior Loom Reed Works, Pawtucket, R. I.
Fitzgerald Loom Reed Co., N 2d & Diamond, Phila., Pa.
Gibbons Loom, Harness & Reed Co., Clinton Mass.
Gowdey, J. A. Reed & Harness Mfg. Co., Providence, R. I.
Hall, I. A., 30 Hamilton, ave., Patterson, Pa.
Heywood Bros. & Wakefield Co., Gardner, Mass.
Jeffrey, H. & Co., Woonsocket, R. I.
Littlefield & Sawyer, Saco, Me.
Loom Picker Co., Biddeford, Me.
Luther Reed Mfg. Co., Fall River, Mass.
McGregor & Sons, Fall River, Mass.
New Bedford Reed Co., New Bedford, Mass.
Paterson Reed & Harness Co., Paterson, N. J.
Shepard, Geo. A. & Sons Co., Bethel, Conn.
Stewart & Sons, 312 Master, Phila., Pa.
Street, R. R. & Co., 184-186 Washington, Chicago, Ill.
Tilley, Norris, 49 Taylor, Springfield, Mass.
Ulrich & Co., Paterson, N. J.
Walder, J., Paterson, N. J.
Weston, S. N., Fitchburg, Mass.
Whittaker, John Reed Co., Worcester, Mass.
Wilkins Mfg. Co., 14 S Main, Woonsocket, R. I.
Williams, J. H. Co., Utica, N. Y.
Woonsocket Reed & Shuttle Wks., Woonsocket, R. I.

REELS

Altemus, Jacob K., 2824 N 4th, Phila., Pa.
Atherton Machine Co. (Power for Silk Mills), Paterson, N. J.
Carpenter, Orville, Pawtucket, R. I.
Draper Co., Hopedale, Mass.
Hopedale Machine Co., Hopedale, Mass.
How & Bassett, Norfolk Downs, Mass.
Lowell Machine Shop, Lowell, Mass.
Luther, Chas. A. & Co., Pawtucket, R. I.
Saco & Pettee Machine Shops, Newton Upper Falls, Mass.
Sipp Electric & Machine Co., 1 Mill, Paterson, N. J.
Smith, Jas. Woolen Machine Co., 411 Race, Phila., Pa.
Whitin Machine Works, Whitinsville, Mass.

REELS, SKEINING & MEASURING

Rhode Island Braiding Machine Co., Providence, R. I.

REELS, YARN

Brown & Sharpe Mfg. Co., Providence, R. I.
Cleveland Machine Works, Worcester, Mass.
Diamond Textile Machine Works, 2d & Diamond, Phila., Pa.
Draper Co., Hopedale, Mass.
Firth, Wm., Co., 150 Devonshire, Boston, Mass.
How & Bassett, Norfolk Downs, Mass.
Lowell Machine Shop, Lowell, Mass.
Luther, Chas. A., & Co., Pawtucket, R. I.
Saco & Pettee Mach. Shops, Newton, Upper Falls, Mass.
Smith, Jas., Woolen Machinery Co., 411 Race, Phila., Pa.
Whitin Machine Works, Whitinsville, Mass.

ROLL COVERERS

Barlow, Jno. W. Co., Lawrence, Mass.
Bowen, Lewis C., Phenix, R. I.
Cummings, Geo. & Son, 29 Bowers, Fall River, Mass.
Dickey, H. H. & Son, Lewiston, Me.
Goldthwait, M. B., Millbury, Mass.
Hart, Elmer E., Fitchburg, Mass.
Hathaway, O. H., Jr., Central Falls, R. I.
Holyoke Machine Co., Holyoke, Mass.
Houghton, E. F. & Co. (Vici Leather), 240 Somerset, Phila., Pa.
Jacobs, E. H. Mfg. Co., Danielsonville, Conn.
Lakey, C. T. Georgiaville, R. I.
Prentice, Chas. W., Taftville, Conn.
Skinner, C. E. & J. F., Valley Falls, R. I.
Taylor & Co., Spartanburg, S. C.
Tripp, Jno. & Co., Lowell, Mass.
Union Belt Co., Fall River, Mass.
Wainwright, R., Westpoint, Ga.
Wethereil, Orrrin B. & Son, Fall River, Mass

ROLL COVERERS' TOOLS

Am. Supply Co., Providence, R. I.
Dennis, Jno. & Co., Lowell, Mass.

ROLLER LEATHER

English, C. R. Co., 204 Summer, Boston, Mass.
Houghton, E. F. & Co. ("Vim"), 240 W Somerset, Phila., Pa.

ROLLER SKINS

Kimball & Brown, Manchester, N. H.
Merrill, J. E. & Co., 24 Pleasant, Manchester, N. H.
Stone, C. Moulton Co., 456 Benefit, Providence, R. I.

ROLLERS (COPPER PRINTING)

Taunton-New Bedford Copper Co., New Bedford, Mass

ROLLS (CARD FEED)

(See also Feeds.)

Adams, J. J. & M. J., 46 Leverett, Lowell, Mass.
Curtis & Marble Machine Co., Worcester, Mass
Fall River Foundry & Machine Co., Fall River, Mass.
Harwood, Geo. S. & Son, 53 State, Boston, Mass
Kenyon, D. R. & Son, Raritan, N. J.
Philadelphia Textile Machinery Co. (Metallic), Phila., Pa
Textile Finishing Machinery Co., 17 Exch. pl Providence, R. I

ROLLS (FLUTED)

Cohoes Foundry & Machine Co., Cohoes, N. Y.
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Providence Machine Co., Providence, R. I.
Riley, C. E., & Co., 65 Franklin, Boston, Mass.
Thurston, A. G. & Son, Fall River, Mass.

ROLLS (HAND BANDING)

Whitcomb Mfg. Co., Worcester, Mass.

ROLLS (METALLIC DRAWING)

Metallic Drawing Roll Co., Indian Orchard, Mass.

ROPE TRANSMISSION

(See Page 702.)

ROVING CANS

American Vulcanized Fibre Co. (Laminar Department), 1017 Market, Wilmington, Del.
Diamond State Fibre Co., Elsmere, Del.
Fibre Mfg. Co., 303 Canal, N. Y.
Hill, Jas. Mfg. Co., Providence, R. I.
N. E. Ventilating & Heating Co., Providence, R. I.
Spaulding-Perkins Co., Rochester, N. H.
Wairus Fibre Mfg. Co., Medford, Mass.

SADDLES

Arguto Oilless Bearing Co., 149 Berkley, Phila., Pa.
Dixon Lubricating Saddle Co., Bristol, R. I.

SAMPLE CARD MACHINES

Cummings-Angelum Machine Co., 320 B'way, N. Y.

SANDING MACHINES

Curtis & Marble Machine Co., Worcester, Mass
Parks & Woolson Machine Co., Springfield, Vt.

SCALES (YARN)

Brown & Sharpe Mfg. Co., Providence, R. I.
How & Bassett, Norfolk Downs, Mass.
Sweet & Doyle, Cohoes, N. Y.

SCOURING MACHINES (WOOL)

Butterworth, H. W. & Sons Co., 2415 E York, Phila., Pa.
Curtis & Marble Machine Co., Worcester, Mass.
Gilliland's, Francis Sons, 39 Bridge, Amsterdam, N. Y.
Hunter, James Machine Co., North Adams, Mass.
Riley, C. E., & Co., 65 Franklin, Boston, Mass.
Smith, Jas., Woolen Machinery Co., Phila., Pa.

SCOURING MACHINES (YARN)

American Drying Machinery Co., Westmoreland & P. & R. Ry., Phila., Pa.
Phila. Drying Machinery Co., 6721 Germantown av, Phila., Pa.
Phila. Textile Machinery Co., Hancock & Somerset, Phila., Pa.

SEWING MACHINES

(See Page 1064.)

SHAFTING

(See Page 1106)

SHEARING MACHINES (TEXTILE)

Butterworth, H. W. & Sons Co., Phila., Pa.
Curtis & Marble Machine Co., Worcester, Mass.
Parks & Woolson Machine Co., Springfield, Vt.

SHEARING & BRUSHING MACHINE (COMBINED)

Curtis & Marble Machine Co., Worcester, Mass.

SHODDY MACHINERY

Kitson Machine Co., Lowell, Mass.
Riley, C. E. & Co., 65 Franklin, Boston, Mass.

SHUTTLE BLOCKS

Hardwood Specialty Co., end of Main, Memphis, Tenn.
Shuttle Blocks (In Quantities), Montgomery, Ala.
Sterling Mfg. Co., Littleton, N. C.
Tucker, E. F., & Son, Chestnut Hill, Conn.
Wood, A. C. & Co., Advance, N. C.

SHUTTLE CHECKS

Livermore, H. F., 85 Pearl, Boston, Mass.
Victor Shuttle Check Co., Auburn, N. Y.

SHUTTLE EYES

Mitchell-Bissell Co., 38 Murray, New York.

SHUTTLE GUARDS

Crompton & Knowles Loom Works, Worcester, Mass.
Draper Co., Hopedale, Mass.

SHUTTLE IRONS

Marble, E. W., Wilkinsonville, Mass.
New England Shuttle Co., 64 Leverett, Lowell, Mass.
Richardson & Bottomley, West Mansfield, Mass.

SHUTTLE THREADERS

Lahue, M. M. & Co., 107 Cushing, Lowell, Mass.

SHUTTLES

Billington, Jas. H. & Co., Phila., Pa.
Coburn, Fred S., 243 Main, Woonsocket, R. I.
Dudley, D. T. & Son, Wilkinsonville, Mass.
Griggs Mfg. Co., Lincolnton, N. C.
Hall, I. A. & Co., Paterson, N. J.
Litchfield Shuttle Co., Southbridge, Mass.
Lowell Shuttle Co., Lowell, Mass.
Murray, Chas. O., Nashua, N. H.
New England Shuttle Co., 64 Leverett, Lowell, Mass.
New Bedford Shuttle Co., New Bedford, Mass.
Parkinson, E. Co., Wrentham, Mass.
Porter Shuttle & Bobbin Co., Watertown Mass.
Sergeson, R. & Co., Phila., Pa.
Southern Shuttle & Bobbin Co., Westminster, S. C.
Ulrich & Co., Paterson, N. J.
Union Shuttle Co., Lawrence, Mass.
U. S. Bobbin & Shuttle Co., Providence, R. I.
Vermont Spool & Bobbin Co., Providence, R. I.
Williams, J. H. & Co., Utica, N. Y.
Woonsocket Reed & Shuttle Wks., Woonsocket, R. I.
Woonsocket Shuttle Co., Woonsocket, R. I.

SILK MACHINE WIPERS

Wilkinson, Seth, Pawtucket, R. I.

SILK MACHINERY

Atherton Machine Co., Paterson, N. J.
Atwood-Morrison Co. Stonington, Conn.
Butterworth, H. W. & Sons Co., 2415 E York, Phila., Pa.
Brigham, Arthur A., 186 Devonshire, Boston, Mass.
Crompton & Knowles Loom Works, Worcester, Mass.
Eastwood, Benj., Co., Paterson, N. J.
Hartson, L. M. Co., No. Windham, Mass.
Kilburn, Lincoln & Co., Fall River, Mass.
Knapp, C. H., Waite & Rye, Paterson, N. J.
Mason Machine Works, Taunton, Mass.
National Mill Supply Co., Paterson, N. J.
Paterson Machine Works, 46 Warren, Paterson, N. J.
Royle, Jno. & Son, Paterson, N. J.
Schaum & Uhlinger, N. Penn Junc., Phila., Pa.
Sipp Electric & Machine Co., Paterson, N. J.
Stafford, Geo. W. Co., Readville, Mass.
Textile Finishing Machinery Co. (Finishing), 17 Exchange pl, Providence, R. I.
Webendorfer & Walling, Paterson, N. J.
Willimantic Machine Co., Willimantic, Conn.

SINGE PLATES

Birch Bros., Somerville, Mass.
Butterworth, H. W. & Sons Co., 2415 E York, Phila., Pa.
Taunton-New Bedford Copper Co., New Bedford, Mass.
Textile Finishing Machinery Co., 17 Exchange pl, Providence, R. I.

SINGEING MACHINES

Butterworth, H. W. & Sons Co., 2415 E York, Phila., Pa.
Curtis & Marble Machine Co., Worcester, Mass.
Knapp, C. H., c Waite & Rye, Paterson, N. J.
New England Butt Co., Providence, R. I.
Rhode Island Braiding Machine Co., Providence, R. I.
Rockwell Engineering Co. (Fine Plate Cloth for Oil, Coal or Gas), 26 Cortlandt, New York
Smith, Drum & Co., 2503 Canal, Phila., Pa.
Textile Finishing Machinery Co., 17 Exch. pl, Providence, R. I.
Watson Machine Co., Paterson, N. J.

SIZING MACHINES

American Clay Working Machine Co., Bucyrus, O.
Butterworth, H. W. & Sons Co., 2415 E York, Phila., Pa.
Clark, Geo. R. Co., Windsor Locks, Conn.
Klein, Chas. C., 2850 N Marshall, Phila., Pa.
Textile Finishing Machinery Co., 17 Exch. pl, Providence, R. I.

SKEWERS

Arnold, O. S., Dayville, Conn.
Fall River Bobbin & Shuttle Co., 821 Cambridge, Fall River, Mass.
Fall River Foundry & Machine Co., Fall River, Mass.
Hale, T. J., Lawrence, Mass.
Murray, Chas. O., Nashua, N. H.
Payne, Geo. W. & Co., Pawtucket, R. I.
Sherwood Bobbin & Mfg. Co., Greensboro, N. C.
Southern Robbin Co., Greensboro. N. C.
Woodstock Hardwood & Spool Mfg. Co., Charleston, S. C.

SLASHERS

Cohoes Foundry & Machine Co., Cohoes, N. Y.
Entwistle, T. C. Co., Lowell, Mass.
H. & B. American Machine Co., Ltd., Pawtucket, R. I.
Lowell Machine Shop, Lowell, Mass.
Riley, C. E. & Co., 65 Franklin, Boston, Mass.
Textile Finishing Machinery Co., 17 Exch. pl, Providence, R. I.

SLUBBING MACHINES

(See also Frames, Slubbing)

H. & B. American Machine Co., Ltd., Pawtucket, R. I.
Klauder-Weldon Dyeing Machine Co., Amsterdam, N. Y.
Lowell Machine Shops, Lowell, Mass.
Providence Machine Co., Providence, R. I.
Saco & Pettee Machine Shops, Newton, Upper Falls, Mass.
Whitin Machine Works, Whitinsville, Mass.
Woonsocket Machine & Press Co., Wooncocket, R. I.

SOAPING MACHINES

Birch Bros., Somerville, Mass.
Hunt, Rodney Machine Co., Orange, Mass.
Kenyon, D R. & Son, Raritan, N. J.
Textile Finishing Machinery Co., 17 Exchange pl, Providence, R. I.
Watson Machine Co., Paterson, N. J.

SOAPS (TEXTILE)

(See Mill Soaps)

SPINDLE BANDING

(See Braided Banding; also Spindle Hook Bands.)

SPINDLE BOLSTERS

Bloom & Godley, Trenton, N. J.
Hopkins Machine Works, Bridgeton, R. I.
Payne, Geo. W. & Co., Pawtucket, R. I.
Piqua Handle & Mfg. Co., Piqua, O.
Westcott, A. A. & Sons, Hopedale, Mass.

SPINDLE HOOK BANDS

Bins Patent Band Co., 5th & Berks, Phila., Pa.
Frost, Geo. T. & Sons, Paterson, N. J.

SPINDLE TUBES (SELF-LUBRICATING)

Bamford & Smith, Pascoag, R. I.

SPINDLES

Bamford & Smith, Pascoag, R. I.
Buckley's, B. Son, Paterson, N. J.
Chase, F. A. & Co., Providence, R. I.
Dann Bros. & Co., New Haven, Conn.
Draper Co., Hopedale, Mass.
Easton & Burnham Machine Co., Pawtucket, R. I.
Ellsworth Hardwood Co. (Wood of all varieties), Ellsworth, Me.
Hall, F. A. & P., Lawrence. Mass.
Hartson, L. M., Co. (Wood), N. Windham, Conn.
Hopkins Machine Works, Bridgeton, R. I.
Marston & True, Hampton, N. H.
Nelson, C. T. & Co., Columbus, O.
Payne, Geo. W. & Co., Pawtucket, R. I.
Providence Mach. Co., Providence, R. I.
Ward & Vandegrift, Elmer, N. J.
Westcott, A. W.. Hopedale, Mass.
Wisconsin Mfg. Co., Two Rivers, Wis.

SPINDLES (DRESSER)

Payne, Geo. W. & Co., Pawtucket, R. I.

SPINDLES (REEL)

Payne, Geo. W. & Co., Pawtucket, R. I.

SPINDLES (RING)

Payne, Geo. W. & Co., Pawtucket, R. I.

SPINDLES (SPOOOLER)

Diamond Textile Machine Works, 2d & Diamond, Phila., Pa.
Payne, Geo. W. & Co., Pawtucket, R. I.

SPINNING MACHINERY

(See Frames; also Mules.)

SPINNING MACHINERY (JUTE)

Brownell, G. L., 49 Union, Worcester, Mass.
Stoddard, Haserick, Richards & Co., 152 Congress, Boston, Mass.
Watson Machine Co., Paterson, N. J.

SPINNING RINGS

American Supply Co., Providence, R. I.
Brown Bros. Co., Providence, R. I.
Buckley's, Benj. Son, Paterson, N. J.
Draper Co., Hopedale, Mass.
Jenckes, E. Mfg. Co., Pawtucket, R. I.
Pawtucket Spinning Ring Co., Pawtucket, R. I.
Stoddard, Haserick, Richards & Co., 152 Congress, Boston, Mass.
Westcott, A. W., Hopedale, Mass.
Whitinsville Spinning Ring Co., Whitinsville, Mass.

SPINNING TUBES

Bamford & Smith, Pascoag, R. I.
Buckley's, Benj. Son, Paterson, N. J.

SPINNING WHEELS

Meinecke, A. & Son, Milwaukee, Wis.

SPOOLER GUIDES

Payne, Geo. W. & Co., Pawtucket, R. I.

SPOOLERS (COTTON)

Altemus, Jacob K., 2816 N 4th, Phila., Pa.
Diamond Textile Machine Works, 2d & Diamond, Phila., Pa.
Draper Co., Hopedale, Mass.
Easton & Burnham Machine Co., Pawtucket, R. I.
Foster Machine Co., Westfield, Mass.
Klein, Chas. C., 2850 N Marshall, Phila., Pa.
Lowell Machine Shop, Lowell, Mass.
Saco & Pettee Machine Shops, Newton Upper Falls, Mass.
Schaum & Uhlinger, Philadelphia, Pa.
Smith, Jas., Woolen Machinery Co., 411 Race, Philadelpnia, Pa.
Stoddard, Haserick, Richards & Co., 152 Congress, Boston. Mass.
Whitin Machine Works, Whitinsville, Mass.
Wrigley, Thomas, Paterson, Mass.

SPOOLERS (DOUBLING)

Payne, Geo. W. & Co., Pawtucket, R. I

SPOOLERS (DRESSER)

Altemus, Jacob K., 2816 N 4th, Phila., Pa.
Diamond Textile Machine Works, 2d & Diamond. Phila., Pa.
Foster Machine Co., Westfield, Mass.
Lever, Oswald, Lehigh av c Mascher, Phila., Pa.
Philadelphia Textile Machinery Co. ("Furbush"), Phila., Pa.

SPOOLERS (WOOL)

Altemus, Jacob K., 2816 N 4th, Phila., Pa.
Cleveland Machine Works, Worcester, Mass.
Diamond Textile Machine Works, 2d & Diamond, Phila., Pa.
Easton & Burnham Machine Co., Pawtucket, R. I.
Foster Machine Co., Westfield, Mass.
Smith, Jas., Woolen Mach. Co., 411 Race, Philadelphia, Pa.

SPOOLERS (WORSTED)

Cleveland Machine Works, Worcester, Mass
Diamond Textile Machine Works, 2d & Diamond, Phila., Pa.
Smith, Jas., Woolen Machinery Co., 411 Race, Philadelphia, Pa.

SPOOLERS (YARN)

Altemus, Jacob K., 2816 N 4th, Phila., Pa.
Diamond Textile Machine Works, 2d & Diamond, Phila., Pa.
Foster Machine Co., Westfield, Mass.
Lever, Oswald, Lehigh av & Mascher, Phila., Pa.

SPOOLING MACHINES

(See Spoolers.)

SPOOLS

Adams Bobbin & Spool Co., Adams, Mass.
Allen Spool Printing Co., Mystic, Conn.
Arnold, O. S., Dayville, Conn.
Atwood-Crawford Co., Pawtucket, R. I.
American Supply Co., Providence, R. I.
Baldwin, Jas. Co., Manchester, N. H.
Bradford Woodworking Co., 2154 N. 3d, Phila., Pa.
Brown Bros. Co., Providence, R. I.
Coburn, Fred S., 243 Main, Woonsocket, R. I.
Elliott & Bartlet, Albany, Me.
Excelsior Bobbin & Spool Co., Newtown, Pa.
Fall River Bobbin & Shuttle Co., 821 Cambridge, Fall River, Mass.
Fall River Foundry & Machine Co., Fall River, Mass.
Frary, H. H., Berlin, N. Y.
Georgia Spool & Bobbin Mfg. Co., Macon, Ga.
Greene & Wood, New Bedford, Mass.
Hale, T. J., Lawrence, Mass.
Hall, F. A. & P., Lawrence, Mass.
Kline, Lewis T. (Thread), Alpena, Mich.
Marodi Fibre Co., Woonsocket, R. I.
Mawson Bros., Newtown, Pa.
Murray, Chas. O., Nashua, N. H.
New England Shuttle Co., 64 Leverett, Lowell, Mass.
Ohio Valley Pulley Works, Maysville, Ky.
Payne, Geo. W., & Co., Pawtucket, R. I.
Sherwood Bobbin & Mfg. Co., Greensboro, N. C.
Spool & Bobbin Mfg. Co., Greenwood, S. C.
Tebbets, E. L. & Co., Locke's Mills, Me.
Union Shuttle Co., Lawrence, Mass.
U. S. Bobbin & Shuttle Co., Providence, R. I.
Van Riper Mfg. Co., Paterson, N. J.
Vermont Spool & Bobbin Co., Essex Junction, Vt.
Weatherhead, Thompson & Co., Pawtucket, R. I.
Weld Bobbin & Spool Co., 42 Island, Lawrence, Mass.
Wisconsin Mfg. Co., Two Rivers, Wis.
Woodstock Hardwood & Spool Mfg. Co., Charleston, S. C.

SPOOLS (SILK THREAD)

Atwood-Crawford Co., Pawtucket, R. I.
Payne, Geo. W & Co., Locke's Mills, Me.
Stowell, N. S. & Co., Dixfield, Me.

SPOOLS (WARP)

Payne, Geo. W. & Co., Pawtucket, R. I.

SPRINKLING MACHINES

Textile Finishing Machinery Co., 17 Exchange pl, Providence, R. I.

SQUEEZERS

Birch Bros., Somerville, Mass.
Textile Finishing Machinery Co., 17 Exch. pl, Providence, R. I.
Watson Machine Co., Paterson, N. J.

STEAMING MACHINES

Birch Bros., Somerville, Mass.
Curtis & Marble Machine Co., Worcester, Mass.
Hunter, James, Machine Co., N. Adams, Mass.
Textile Finishing Machinery Co. (Continuous), 17 Exchange pl, Providence, R. I.

STIRRUPS & LEVERS, COTTON MACHINERY

Dixon Lubricating Saddle Co., Bristol, R. I.
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.

STOCK CLEANERS (FOUR CYLINDER)

Smith, Jas., Woolen Machinery Co., 411 Race, Philadelphia, Pa

STOCK OILERS ("SPENCER")

Hardwood, Geo. S. & Son, 53 State, Boston, Mass.

STRAPPING MACHINES

(See also Sewing Machines.)

Union Button Sewing Machine Co., 164 High, Boston, Mass.

SWEEP STICKS

Montgomery Lumber & Mfg. Co., Montgomery, Ala.

TAPES, BRAIDS & CORDS

Barber, Wm. (Spinning Tapes), 256 Lawrence, Lowell, Mass
Barton, F. C., 54 Franklin, N. Y.
Cathcart, John & Co., 115 Franklin, N. Y.
Chapin, Geo. W., 229 Church, Phila., Pa.
Eddy & Street, Providence, R. I.
Friedberger Mfg. Co., Germantown, Pa.
Hamilton, J. H. & Co., 84 Franklin, N. Y.
Hoffman-Corr Mfg. Co., 107 Duane, N. Y.
Kavanaugh, Geo. W., Cohoes, N. Y.
Kenyon, Jno. J. Mfg. Co., Pawtucket, R. I. Duane, N. Y. (See adv. below)
Krout & Fite Mfg. Co., Allegheny av & Emerald, Philadelphia, Pa.
Pawtucket Tape Co., Pawtucket, R. I.
Weimar Bros., 2046 Amber, Phila., Pa.

TEMPLES

(See Loom Temples.)

TENTER CLIPS

Textile Finishing Machinery Co., 17 Exchange pl, Providence, R. I.
Winsor & Jerauld Mfg. Co., Providence, R. I.

TENTERING MACHINES

Birch Bros., Somerville, Mass.
Butterworth, H. W. & Sons Co., 2415 E York, Phila., Pa.
Cleveland Machine Works, Worcester, Mass.
Heathcote, John & Son, Providence, R. I.
Kenyon, D. R. & Son, Raritan, N. J.
Stoddard, Haserick, Richards & Co., 152 Congress, Boston, Mass.
Textile Finishing Machinery Co., 17 Exch. pl, Providence, R. I.
Winsor & Jerauld Mfg. Co., Providence, R. I.

TESTING MACHINES (CLOTH)

How & Bassett, Norfolk Downs, Mass.
Sipp Electric & Machine Co., 1 Mill, Paterson, N. J.

TESTING MACHINES (YARN)

American Supply Co., Providence, R. I.
Firth, Wm. Co., 150 Devonshire, Boston, Mass.

THREAD BOARD (STEEL)

Houghton, L. T., Worcester, Mass.

THREAD MACHINERY

Atwood-Morrison Co., Stonington, Conn.
Willimantic Machine Co., Willimantic, Conn.

THROWING & SILK FINISHING MACHINERY

Atherton Machine Co. (A Specialty), Paterson, N. J.

TRAVELER CLEANERS

Whitinsville Spinning Ring Co., Whitinsville, Mass.

TRAVELER CUPS

Whitinsville Spinning Ring Co., Whitinsville, Mass.

TRAVELERS (RING)

Brown Bros. Co., Providence, R. I.
Chase, F. A. & Co., Providence, R. I.
DE HAVEN MFG. CO., 50 Columbia Heights, Brooklyn, N. Y. (See adv. index, end of book)
Hartson, L. M., Co., N. Windham, Conn.
Jenckes, E. Mfg. Co., Pawtucket, R. I.
National Ring Traveler Co., 257 W Exchange, Providence, R. I.
Prauty Wire Co., Charlton City, Mass.
Shaw, Victor Ring Traveler Co., Providence, R. I.
Standard Ring Traveler Co., New Bedford, Mass.

TRAVELERS (SPINNING & TWISTING)

(See Travelers, Ring.)

TRUCKS (MILL)

American Vulvanized Fibre Co. (Laminar Dept.) 1017 Market, Wilmington, Del.
Diamond State Fibre Co., Elsmere, Del.
Spaulding-Perkins Co., Rochester, N. H.
Walrus Fibre Mfg. Co., Medford, Mass.

TURBINES

(See Index of Contents.)

TWISTERS (CORDAGE)

Brownell, Geo. L., Worcester, Mass.
Lyall, J. & W., Passaic, N. J.

TWISTERS (COTTON)

Brownell, G. L., 49 Union, Worcester, Mass.
Collins Bros., Central Falls, R. I.
Diamond Textile Machine Works, 2d & Diamond, Phila., Pa.
Draper Co., Hopedale, Mass.
Franklin Machine Co., Providence, R. I.
H. & B. American Machine Co., Ltd., Pawtucket, R. I.
Lowell Machine Shop, Lowell, Mass.
Pawtucket Spinning Ring Co., Pawtucket, R. I.
Providence Machine Co., Providence, R. I.
Riley, C. E., & Co., 65 Franklin, Boston, Mass.
Saco & Pettee Machine Shops, Newton Upper Falls, Mass.
Stoddard, Haserick, Richards & Co., 152 Congress, Boston, Mass.
Whitin Machine Works, Whitinsville, Mass.
Whitinsville Spinning Ring Co., Whitinsville, Mass.

TWISTERS (SILK)

Atwood-Morrison Co., Stonington, Conn.
Brownell, G. L., 49 Union, Worcester, Mass.
Royle, John & Sons, Paterson, N. J.

TWISTERS (WOOL)

Brownell, G. L., 49 Union, Worcester, Mass.
Cleveland Machine Works, Worcester, Mass.
Collins Bros., Central Falls, R. I.
Fales & Jencks Machine Co., Pawtucket, R. I.
Lowell Machine Shop, Lowell, Mass.
Riley, C. E., & Co., 65 Franklin, Boston, Mass.
Sargent's, C. G. Sons, Westford, Mass.
Smith, James, Woolen Machinery Co., 411 Race, Philadelphia, Pa.

TWISTERS (YARN)

Collins Bros., Central Falls, R. I.
Philadelphia Textile Machinery Co. ("Furbush"), Phila., Pa.
Riley, C. E., & Co., 65 Franklin, Boston, Mass.

WARP MILLS (SECTIONAL)

Philadelphia Textile Machinery Co., Phila., Pa.

WARPERS

Altemus, Jacob K., 2824 N 4th, Phila., Pa.
Atherton Machine Co., Paterson, N. J.
Atwood-Morrison Co., Stonington, Conn.
Butterworth, H. W. & Sons Co., 2415 E York, Philadelphia, Pa.
Cohoes Iron Foundry & Machine Co., Cohoes, N. Y.
Crompton & Knowles Loom Works, Worcester, Mass.
Draper Co., Hopedale, Mass.
Eastwood, Benj., Co. (Horizontal & Swiss), Paterson, N. J.
Entwistle, T. Co., Lowell, Mass.
Globe Machine Works, 2009 Oxford, Fkd., Phila., Pa.
H. & B. Am. Machine Co., Ltd., Pawtucket, R. I.
Lowell Machine Shop, Lowell, Mass.
Paterson Machine Works (Horizontal & Swiss), 46 Warren, Paterson, N. J.
Riley, C. E., & Co., 65 Franklin, Boston, Mass.
Royle, John & Sons, Paterson, N. J.
Whitin Machine Works, Whitinsville, Mass.

WARPERS (BALL)

Globe Machine Works, 2009 Oxford, Fkd., Phila., Pa.

WARPERS (LEESE)

Lowell Machine Shop, Lowell, Mass.

WARPERS (RIBBON)

Atherton Machine Co. (Power for Broad & Ribbon Looms), Paterson, N. J.
Royle, John & Sons, Paterson, N. J.

WARPERS (SLASHER)

Lowell Machine Shop, Lowell, Mass.

WARPERS & LINKERS (CHAIN)

Globe Machine Works, 2009 Oxford, Fkd., Phila., Pa.

WARPS

Dana Warp Mills, Westbrook, Me.
Grant Yarn Co., Fitchburg, Mass.
Greene & Daniels Mfg. Co., Pawtucket, R. I.
Hoffman-Corr Mfg. Co., 107 Duane, N. Y.
Indian Orchard Co., Indian Orchard, Mass.
Jenckes Spinning Co., Pawtucket, R. I.
Montgomery, J. R. Co., Windsor Locks, Conn.
Monument Mills, Housatonic, Mass.
Sternberg, F. & Co., 530 B'way, New York
Whittier Mills, Springfield, Mass.

WASHER & FULLER COMBINED

Hunt, Rodney Machine Co., Orange, Mass.
Hunter, James Machine Co., North Adams, Mass.

WASHERS (CLOTH)

Birch Bros., Somerville, Mass.
Birmingham Iron Foundry, Derby, Conn.
Hopkins Machine Works, Bridgeton, R. I.
Hunt, Rodney Machine Co., Orange, Mass.
Hunter, James Machine Co., North Adams, Mass.
Kenyon, D. R. & Son, Raritan, N. J.
Textile Finishing Machinery Co., 17 Exch. pl, Providence, R. I.
Watson Machine Co., Paterson, N. J.

WASHERS (WARP)

Textile Finishing Machinery Co., 17 Exch. pl, Providence, R. I.

WASHERS (WOOL)

Hunter, James Machine Co., North Adams, Mass.
Kenyon, D. R. & Son, Raritan, N. J.
Sargent's, C. G. Sons, Westford, Mass.
Smith, James Woolen Machinery Co., 411 Race, Philadelphia, Pa.
Stoddard, Haserick, Richards & Co., 152 Congress, Boston, Mass.
Watson Machine Co., Paterson, N. J.

WASHERS (YARN)

Textile Finishing Machinery Co., 17 Exchange pl, Providence, R. I.

WASHING MACHINES

Hagen, A. T. Co., Rochester, N. Y., & 26 S Clinton, Chicago, Ill.

WASTE BOXES (IRON)

Clark, W. J. Co., Salem, O.

WASTE MACHINES (COTTON)

Riley, C. E. & Co., 65 Franklin, Boston, Mass.

WASTE MACHINES (ENGINE CLEANING)

Riley, C. E., & Co., 65 Franklin, Boston, Mass.

WEAVING MACHINERY

(See Looms.)

WEBBING (COTTON)

Hoffman-Corr Mfg. Co., 107 Duane, N. Y.
United States Cotton Duck Corp'n (Back Band, etc.), Continental Trust bldg, Baltimore, Md.

WEBBING (ELASTIC)

American Mills Co., Waterbury, Conn.
Ansonia O. & C. Co., Ansonia, Conn.
Connecticut Web Co., Bridgeport, Conn.
Buffalo Weaving & Belting Co., Buffalo, N. Y.
Harriman, Josiah, 175 Hale, Lowell, Mass.
Martin, T. & Bro. Mfg. Co., Chelsea, Mass.
Russell Mfg. Co., Middletown, Conn.

WILLOWING MACHINES (WOOL)

Butterworth, H. W., & Sons' Co., Phila., Pa.
Cleveland Machine Co., Worcester, Mass.
Kenyon, D. R. & Son, Raritan, N. J.
Lombard, E. K., Worcester, Mass.
Philadelphia Textile Machinery Co. ("Proctor"), Phila., Pa.
Riley, C. E., & Co., 65 Franklin, Boston, Mass.
Smith, James Woolen Machinery Co., 411 Race, Philadelphia, Pa.

WINDERS

(See also sub-divisions of this head.)

Allen, A. W. (Yarn), 2427 Mascher, Phila., Pa.
Atherton Machine Co. (For Silk Mills), Paterson, N. J.
Atwood-Morrison Co., Stonington, Conn.
Campbell & Clute, Cohoes, N. Y.
Diamond Textile Machine Works, 2d & Diamond, Phila., Pa.
Cleveland Machine Works, Worcester, Mass.
Eastwood, Benj., Co., Paterson, N. J.
Foster Machine Co., Westfield, Mass.
Kennedy, Thomas, Cohoes, N. Y.
Lowell Machine Shop, Lowell, Mass.
Lyall. J. & W., 83 Leonard, New York
Meridan Machine Tool Co., Meridan, Conn.
Paterson Machine Works, 46 Warrent, Paterson, N. J.
Payne, George W. & Co., Pawtucket, R. I.
Providence Machine Co.. Providence, R. I.
Royle, John & Sons, Paterson, N. J.
Sipp Electric & Machine Co., 1 Mill, Paterson, N. J.
Textile Finishing Machinery Co., 17 Exchange pl, Providence, R. I.
Universal Winding Co., 95 South, Boston, Mass., & Charlotte, N. C.
Watson Machine Co., Paterson, N. J.
Whitin Machine Works. Whitinsville, Mass.
Wrigley. Thomas. Paterson. N. J.

WINDERS (BALL)

Franklin Machine Co., Providence, R. I.
No. Chelmsford Machine Co., N Chelmsford, Mass.

WINDERS (BOBBIN)

(See Bobbin Winders.)

WINDERS (CONE)

Diamond Textile Machine Works, 2d & Diamond, Phila., Pa.
Foster Machine Co., Westfield, Mass.
Howard & Bullough American Machine Co., Ltd., Pawtucket, R. I.
Stoddard, Haserick, Richards & Co., 152 Congress, Boston, Mass.
Universal Winding Co., 95 South, Boston, Mass.

WINDERS (COP)

Lever & Oswald, Lehigh av & Mascher, Philadelphia, Pa.
Lyall, J. & W., 83 Leonard, N. Y.
Royle, John, & Sons, Paterson, N. J.
Schaum & Uhlinger, N 2d & Glenwood av. Philadelphia, Pa.

WINDERS (FILLET)

Smith, Jas. Woolen Machinery Co., 411 Race. Phila., Pa.

WINDERS (HAND)

Branson Machine Co., 506 American, Phila., Pa.

WINDERS (HOSIERY)

Lindley, Geo. W., Germantown, Phila., Pa.
Payne, G. W. & Co., Pawtucket, R. I.
Universal Winding Co., 95 South, Boston, Mass.

WINDERS (QUILL)

Mack, H. A. Working Co., Weatherly
Schaum & Uhlirger, N 2d & Glenwood av, Phila., Pa

WINDERS (SKEIN)

Collins Bros., Central Falls, R. I.
Easton & Burnham Machine Co., Pawtucket, R. I.
Foster Machine Co., Westfield, Mass.

WINDING MACHINES (CLOTH)

Cleveland Machine Works, Worcester, Mass.
Curtis & Marble Machine Co., Worcester, Mass.
Parks & Woolson Machine Co., Springfield, Vt.
Textile Finishing Machinery Co., 17 Exchange pl, Providence, R. I.

WINDING MACHINES (HANK)

Smith, Jas. Woolen Machinery Co., 411 Race, Phila., Pa.

WOOL COMBS

(See Combs, Wool.)

WOOLEN & WORSTED MACHINERY

(See also the specific article required.)

Altemus, Jacob K., 2824 N 4th, Phila., Pa.
Butterworth, H. W., & Sons' Co., Phila., Pa.
Crompton & Knowles Loom Works, Worcester Mass.
Curtis & Marble Machine Co., Worcester, Mass.
Diamond Textile Machine Works, 2d & Diamond, Phila., Pa.
Firth, Wm., Co., 150 Devonshire, Boston, Mass.
Harwood, Geo. S. & Son, 53 State, Boston, Mass.
Hunt, Rodney Machine Co., Orange, Mass.
Hunter, Jas. Machine Co., N. Adams, Mass.
Jefferson. Edw., & Bro., 127 S. 2d, Phila., Pa.
Kenyon, D. R. & Son, Raritan, N. J.
Leigh, Evan Arthur, 232 Summer, Boston, Mass.
Lombard, E. K., Worcester, Mass.
Lowe, Stephen C., 186 Devonshire, Boston, Mass.
Lowell Machine Shop, Lowell, Mass.
Parks & Woolson Machine Co., Springfield, Vt.
Payne, G. W. & Co., Pawtucket, R. I.
Phila. Drying Machinery Co., 6721 Germantown av, Phila., Pa.
Phila. Textile Machinery Co., Phila., Pa.
Riley, C. E., & Co., 65 Franklin, Boston, Mass.
Sargent's, C. G. Son, Westford, Mass.
Smith, James Woolen Machinery Co., 411 Race, Phila., Pa.
Speed & Stephenson, 170 Summer, Boston, Mass.
Stoddard, Haserick, Richards & Co., Boston, Mass.
Street, R. R. & Co., 184-186 Washington, Chicago, Ill.
Textile Finishing Machinery Co., 17 Exchange pl, Providence, R. I.
Woonsocket Machine & Press Co., Woonsocket, R. I.

WRINGING MACHINES

Clark, Geo. P. Co. (Textile), Windsor Locks, Conn.

YARN CHAINING MACHINES

Cole Bros., Pawtucket, R. I.

(END OF TEXTILE MACHINERY)

Theatre Curtains

Lomas, Robt. D. (Fire-Proof Rolling), Nat'l Bank bldg, Chicago, Ill.

Theatre Curtains (Asbestos)

ASBESTOS & MAGNESIA MFG. CO., Land Title bldg, Phila., Pa. (See adv. index, end of book)
Johns, H. W., Manville Co., 100 William, N. Y.; 171 Randolph, Chicago, Ill.; 77 Pearl, Boston, Mass.; 23 N. 2d, Phila., Pa.; 217 Clybourn av, Milwaukee, Wis.; 14 S. Water, Cleveland, O.; 220 1st av, Pittsburg, Pa.; 217 Magazine, New Orleans, La.; 916 N. B'way, St. Louis, Mo.; Billister bldgs., London, Eng.
Keasbey & Mattison Co., Main Office & Works, Ambler, Pa. Branches: 84 John, New York; 1111 14th, N W Washington, D. C.; 117 Water, Cleveland, O.; 208 Lake, Chicago, Ill.; 154 Pearl, Boston, Mass, 10 N Forsyth, Atlanta, Ga.; 214 S Peters, New Orleans, La.; Granite blk, St. Louis, Mo.; 528 Main, Cincinnati, O.; 187 Liberty av, Pittsburg, Pa.; 350 E Water, Milwaukee, Wis.; 307 S 26th, Minneapolis, Minn; Duluth, Minn., & St. Paul, Minn.
New Jersey Asbestos Co., Camden, N. J.
Trainer, C. W. Mfg. Co., 89 Pearl, Boston, Mass.
UNION ELEVATOR & MACHINE CO., 144 Ontario, Chicago, Ill. (See adv. index, end of book)
WATSON, H. F. CO., Erie, Pa. 12 S Clinton, Chicago, & 233 Congress, Boston, Mass. (See adv. index, end of book)

Theatre Curtains (Steel)

UNION ELEVATOR & MACHINE CO., 144 Ontario ,Chicago, Ill. (See adv. index, end of book)
VARIETY MFG. CO., Chicago, Ill. (See adv. index, end of book)

Theatre Decoraticns

(See Decorations, Theatre.)

Theatre Dimmers

(See Dimmers, Theatre.)

Theatre Seating

(See Opera Chairs & Theatre Seating.)

Thermometers

American Steam Gauge Valve Mfg. Co., 208 Camden, Boston, Mass.; 26 Cortlandt, N. Y., & 16 N Canal, Chicago, Ill.
ASHCROFT, MFG. CO., THE (Steam Pipe, Hot Well, etc.), 85, 87, 89 Liberty, New York, & 22, 24, 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.
Beckman L. Co. (Chemical), 318 Adams, Toledo, O.
Bristol Co. (Recording, etc.), Waterbury, Conn., & 114 Liberty, N. Y.
Buffalo Specialty Mfg. Co. ("Buffalo" Distance Reading), 375 Ellicott, Buffalo, N. Y.
Bussey Bros., Phelps, N. Y.
Electrical Appliance Co., Waterbury, Conn.
Helios Mfg. Co., Boston, Mass.; Kennedy bldg, Phila., Pa.; Peabody, Mass., & 222 Fullerton av, Chicago, Ill.
Hoehn, R., Co. (I. Mayer & Co., Propts.), 80 Chambers, N. Y.
Hohman & Maurer Mfg. Co., Rochester, N. Y., & 85 Chambers, New York
Johnson Service Co. (Hot Water & High Pressure of Air, etc.), Milwaukee, Wis.; for Branch Offices, see "Regulators" (Heat)
National Brass & Iron Works (Metal Plated), Reading, Pa.
Norwall Mfg. Co. ("Allen"), 40 Dearborn, Chicago, Ill.
QUEEN & CO., INC. (Technical), 1010 Chestnut, Phila., Pa., & 59 5th av, New York. (See adv. index, end of book)
Standard Steam Specialty Co. ("Boston"), 542 W B'way, New York
Tagliabue, Chas. J., 53 Fulton, N. Y.
Wagner Glass Works, 965 E 132d, New York
Weinhagen, Henry (For Laboratory, Factory, etc.), 22 N William, New York
Wilder, Chas. (Est. of), Peterboro, N. H.

Thermometers (Heating)

Ashton Valve Co., 271 Franklin, Boston, Mass.
CONTRACTORS' TOOL CO., 704 Arch, Phila., Pa. (See adv. index, end of book)
Crosby Steam Gage & Valve Co., 97 Oliver, Boston, Mass; 21 W Lake, Chicago & 78 John, N. Y.
Gurney Heater Mfg. Co., 74 Franklin, Boston, Mass.
Helios-Upton Co., 1231 Callowhill, Phila., Pa.; Peabody, Mass., & 222 Fullerton av, Chicago
Hohmann & Maurer Mfg. Co., Rochester, N. Y., & 85 Chambers, N. Y.
QUEEN & CO. (Hot Water), 1010 Chestnut, Phila., & 59 5th av, New York. (See adv. index, end of book)
Schaffer & Budenberg, Brooklyn, N. Y.; 66 John, New York, & 22 W Lake, Chicago, Ill.
Taylor Bros. Co., 29 Elizabeth, Rochester, N. Y.

Thermometers (Oven)

Cooper, D. G., Pequabuck, Conn.
Electrical Appliance Mfg. Co., Waterbury, Conn

Thermometers (Steam & Hot Water)

(See also Thermometers, Heating.)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.; 16 N Canal, Chicago, & 26 Cortlandt, N. Y.
Crosby Steam Gage & Valve Co., 97 Oliver, Boston, Mass.; 21 W Lake, Chicago, & 78 John, N. Y.

Thermostats

(See also Regulators, Heat.)

Acton, Jno., 118 John, Brooklyn, N. Y.
Beers Bros., Rochester, N. Y.
Butz, A. M., & Co., 40 Dearborn, Chicago, Ill.
Davis & Roesch Temperature Controlling Co. (House or Car), Newark, N. J., & 136 Liberty, N. Y.
Edwards & Co., 144th & 4th av, New York
Helios Mfg. Co., Boston, Mass.; Kennedy bldg, Phila., Pa.; Peabody, Mass., & 222 Fullerton, Chicago, Ill.
Howard Thermostat Co., Oswego, N. Y.
Kieley & Mueller (For Hot Water Tanks, Etc.), 34 W 13th, New York
Standard Steam Specialty Co. ("Boston" Boiler), 542 W B'way, N. Y.

Thimbles (Fire-Place)

Gendron, L. A. & Co., "Gendron's," Warren, Mass.

Thimbles (Wire Rope)

BRODERICK & BASCOM, ROPE CO., (Steel), 809 N Main, St. Louis, Mo. (See adv. index, end of book)
Contractors' Plant Mfg. Co., 129 Erie, Buffalo, N. Y.
HAZARD MFG. CO., Wilkesbarre, Pa., 50 Dey, New York; Conestoga bldg, Pittsburg, Pa., & 71 W Adams, Chicago, Ill. (See adv. index, end of book)
Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Jackson Mfg. Co., Harrisburg, Pa.
Lanz, Mathew & Sons, 101 S 29th, Pittsburg, Pa.
Laughlin, Thos. & Sons, Portland, Me.
LESCHEN, A. & SONS, Rope Co., 920 N 1st, St. Louis, Mo.; 163 Wash'n, New York; 137 E Lake, Chicago, Ill., & 1717 Arapahoe, Denver, Colo. (See adv. index, end of book)
Macomber-Whyte-Moon Co., 131 Worth, N. Y.
MACOMBER & WHYTE ROPE CO., 21 S Canal, Chicago, Ill., & 131 Worth, New York. (See adv. index, end of book)
Standard Steam Specialty Co. (The Boston), 111 5th av, N. Y.
TERRY & TENCH CO. (Inc.), Lexington av & 131st, New York. (See adv. index, end of book)
Trenton Iron Co., Trenton, N. J., & 11 Burling slip, N. Y.
Western Block Co. (Steel), Lockport, N. Y.
Wilcox, Crittenden & Co., Middletown, Conn.
WRIGHT WIRE CO., Worcester, Mass. (See adv. index, end of book)

Third Rail Block System

WESTINGHOUSE ELECTRIC & MFG. Co., Westinghouse bldg, Pittsburg, Pa. (See adv. index, end of book)

Third Rail System (Electric)

(See also Insulators, Third Rail.)

GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, N. Y. (See adv. index, end of book)
WESTINGHOUSE ELECTRIC & MFG. Co., Pittsburg, Pa. District Offices: New York, Atlanta, Dallas, Baltimore, Boston, Buffalo, Chicago, Cincinnati, Cleveland, Detroit, Los Angeles, Minneapolis, New Orleans, Philadelphia, Pittsburg, St. Louis, Salt Lake City, San Francisco, Syracuse, Seattle, Denver, Mountain Electric Co., Canada; Canadian Westinghouse Co., Limited, Hamilton, Ontario; Mexico, G. & O. Braniff & Co.; City of Mexico. (See adv. index, end of book)

Thresher Teeth

Akron Machine Co., Akron, O.
Avery Mfg. Co., Peoria, Ill.
Christian, Jno., San Jose, Cal.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Transue & Williams Co. (Drop Forged), Alliance, O.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)

Threshers

Advance Thresher Co., Battle Creek, Mich.
Aultman & Taylor Machinery Co., Mansfield, O.
Avery Mfg. Co., Peoria, Ill.
Belle City Mfg. Co. (Small), Racine, Wis.
Bidwell, Chas. H. (Bean, etc.), Batavia, N. Y.
Bowen & Quick, Auburn, N. Y.
Buffalo, Pitts Co., Buffalo, N. Y.
Cardwell Machine Co. (Rice, etc.), Richmond,
Case, J. I., Threshing Machine Co., Racine, Wis.
Chalfant's, Jno. N. Sons, Lenover, Pa.
Champion Thresher Co., Orrville, O.
Deats, Hiram, Jr. (Little Wonder), Pittston, N. J.
Farquhar, A. B. Co. (Also Rice), York, Pa.
Frick Co., Waynesboro, Pa.
Gaar, Scott & Co. (Also Rice), Richmond, Ind.
Geiser Mfg. Co., Waynesboro, Pa.
Gill, W. E. (Corn & Oats Separators), Lake Geneva, Wis.
Grant-Ferris Co. (Combined Oats & Straw, etc.), Troy, N. Y.
Gray's, A. W. Sons, Middletown, Vt.
Harder Mfg. Co., Cobleskill, N. Y.
Harrison Machine Works, Belleville, Ill.
Heebner & Sons, Lansdale, Pa.
Heilman Machine Works, Evansville, Ind.
Huber Mfg. Co., Marion, O.
Hunt, Gilbert Co., Walla Walla, Wash.
Keck-Gonnermann, Mt. Vernon, Ind.
Keller Mfg. Co., Sauk Center, Minn.
Kelly, O. S. Mfg. Co., Iowa City, Ia.
Kingsland Mfg. Co., St. Louis, Mo.
Kitten, F. Foundry & Machine Works, Ferdinand, Ind.
Marion Mfg. Co. ("Leader"), Marion, O.
Massillon Engine & Thresher Co., Massillon, O.
Messinger Mfg. Co. (Thresher, Separator & Cleaner), Tatamy, Pa.
Minneapolis Threshing Machine Co., Minneapolis, Minn.
Morningstar Mfg. Co., Napoleon, O.
New Birdsall Co., Auburn, N. Y.
New Jersey Agricultural Works (Butterworth Bros.), Trenton, N. J.
Nichols & Shepard Co., Battle Creek, Mich.
Northwest Thresher Co., Stillwater, Minn.
Orangeville Agricultural Works, Orangeville, Fla.
Parlin & Orendorff Co., Canton, Ill.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Reeves & Co., Columbus, O.
Robinson & Co., Richmond, Ind.
Rumley, M. Co., Laporte, Ind.
Russell & Co., Massillon, O.
St. Albans Foundry & Implement Co., St. Albans, Vt.
St. Johnsville Agricultural Works, St. Johnsville, N. Y.
Star Mfg. Co. (Corn), Carpentersville, Ill.
Stevens, A. W. Co., Marinette, Wis.
Waterloo Threshing Machine Co., Waterloo, Ia.
Westinghouse Co. (Combined Grain & Clover, etc.), Schenectady, N. Y.

Threshers (Bean & Pea)

Buffalo Pitts Co. (Threashers & Cleaners), Buffalo, N. Y.

Threshers (Corn)

Appleton Mfg. Co., Batavia, Ill.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Star Mfg. Co., Carpentersville, Ill.
Whitman Agricultural Co., St. Louis, Mo.

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.

Threshers (Straw Preserving & Rye)

Case, J. I., Threshing Machine Co., Racine, Wis.
Eddy, W. Plow Co., Greenwich, N. Y.
Grant-Ferris Co. (Combined Oats & Straight Straw Rye), Troy, N. Y.
Harder Mfg. Co. (Rye Thresher, Cleaner & Binder Combined), Cobleskill, N. Y.
New Jersey Agricultural Works (Butterworth Bros.), Trenton, N. J.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Reeves & Co. (Rye), Columbus, Ind.
Westinghouse Co., Schenectady, N. Y.

Ties (Bale)

AMERICAN STEEL & WIRE CO., The Rookery, Chicago; Battery Park bldg, New York; Cleveland, O., & San Francisco, Cal. (See adv. index, end of book)
Atlanta Steel Hoop Co., Atlanta, Ga.
Carnegie Steel Co. (Steel), Carnegie bldg, Pittsburg, Pa.; Penna. bldg, Phila., Pa.; The Rookery, Chicago, Ill., & 71 B'way, New
Dederick's, P. K. Sons, Albany, N. Y. - York
DE HAVEN MFG. CO., 50 Columbia Heights, Brooklyn, N. Y. (See adv. index, end of book)
Des Moines Bale Tie Co., Des Moines, Ia.
Dillon-Griswold Wire Co. (Steel), Sterling, Ill.
Downey, W. C. & Co. (Hay), Springfield, Ohio
Griswold Wire Co., Braddock, Pa.
Harry, Owen K., 2335 Papin, St. Louis, Mo.
Illinois Wire Co., Monadnock blk, Chicago
Indiana Steel Wire Co., Muncie, Ind.
Joliet Bale Tie Co., Joliet, Ill.
Kilmer, M. D., Bale Tie Co. (Steel Wire), 1062 Hamilton, Cleveland, O.
Malin & Co., 34 Long, Cleveland, O.
National Wire Corporation, 114 Liberty, New York. (See adv. index, end of book)
New Process Steel & Wire Co. (Wire), East St. Louis, Ill.
Shields, Wm. H., Troy, N. Y.
Wilson, H. P. & H. F., 577 10th av, New York

Ties (Cotton)

AMERICAN STEEL & WIRE CO., The Rookery, Chicago; Battery Park bldg, New York; Cleveland, O., & San Francisco, Cal. (See adv. index, end of book)
Atlanta Steel Hoop Co., Atlanta, Ga.
Bierce, Wm. W. (Ltd.) (Jobber), Hennen bldg. New Orleans, La.
Carnegie Steel Co. (Steel), Carnegie bldg, Pittsburg, Pa.; Penna. bldg, Phila., Pa.; The Rookery, Chicago, Ill., & 71 B'way, New York
Consolidated Iron & Steel Co., Bristol, Pa., & 133 S 4th, Philadelphia, Pa.
Pittsburg Steel Co., 307 4th av, Pittsburg, Pa., & Glassport, Pa.
Riverside Mills, Augusta, Ga.
Sharon Steel Hoop Co., Sharon, Pa.
Sheffield Rolling Mill Co., Sheffield, Ala.

Ties, Poles & Posts

(See also Poles, Iron & Steel Trolley, also Lumber Mfrs.)

ALABAMA.

CARNEY—Carney Lumber Co. (Ties)
COFFEE SPRINGS—Harris & Scandrett (Ties)

ARKANSAS.

PARAGOULD—Bertig Bros. (Ties)
TEXARKANA—Red Water Lbr. Co.

CALIFORNIA.

SAN FRANCISCO—Albion Lumber Co. (Ties), Crocker bldg
Bender Mill & Lumber Co. (Ties & Posts), 5 Market
Byxbee & Clark (Ties), 48 Market
Carter, Geo. E. & Co., Crocker bldg
Caspar Lumber Co. (Ties), Hayward bldg
Gray, Geo. D. & Co., 421 Market
Hanify, J. R. & Co. (Ties), 16 California
Hooper, C. A., & Co. (Ties), Calif & Front
Nelson, Chas., Co., 6 Calif.
Pacific Lumber Co. (Inc.) (Ties, etc.), Rialto bldg
Pacific Pine Co. (Ties), 237 California
Richardson Co., 6 Calif.
Union Lumber Co. (Poles & Ties), Crocker bldg
Union Wood & Timber Co., 3d St. Wharf
White, L. E., Lumber Co. (Ties, Etc.), 303 California
Wood, E. K., Lumber Co., 6 California

COLORADO

DENVER—Teller, J. C. (Ties), Equitable bldg
Western Lumber & Pole Co., 1025 17th

CONNECTICUT.

STAMFORD—Wyckoff Pipe & Creosoting Co. (Creosoted Ties & Poles)

FLORIDA.

JACKSONVILLE—Baxter, G. S., & Co. (Ties)
Hunter, Dexter (Ties)

GEORGIA.

BINGHAM—Kirkland & Co.
BRUNSWICK—Aiken, Frank D. (Mfrs. Agent, Ties)
Broadnax, Jas. E. (Ties, etc.)
Cooney, Eckstein & Co. (Ties)
Emanuel, N. & Co. (Ties)
Everett, R. H. (Ties)
Hilton & Dodge Lbr. Co.
FACEVILLE—Rogers, J. T. (Cross Ties)
SAVANNAH—Cooney, Eckstein & Co. (Ties, etc.), 4 Bay W
Dixon Lumber Co., 737 Wheaton
Georgia Lbr. Co. (Ties, etc.), 2 Bay E
Granger-Stubbs Lumber Co. (Cross Ties)
Hirsch, C. S. & Co. (R. R. Ties, etc.), 128 Bay, W. (See also N. Y. City)
Southern Pine Co. (Ties, etc.), Provident bldg
THOMASVILLE—Watt, Jas., Bro. & Co. (Ties)

ILLINOIS.

BENTON—Hamilton, F. O. & Co. (Ties, Poles, etc.)
CHICAGO—Ayer & Lord Tie Co., 9 Jackson boul
Beidler, Francis & Co. (Idaho Cedar & Michigan White Cedar Poles, 40 ft. & up), W 22d & Loomis
Continental Lumber Co. (Ties, Poles & Posts), Monadnock bldg
Fowler, Jno. H. & Co. (Cedar Ties, Poles, etc.), 279 Dearborn
Gillis & Moulton (Ties, Poles & Posts), 204 Dearborn
Holcomb-Lobb Co. (Ties, Poles & Posts (Cedar), 204 Dearborn
Hutchins, E. R. & R. G. (Ties & Lumber), The Rookery
Kellogg Switchboard & Supply Co. (White Cedar Poles, etc.), W. Congress cor Green
Lake Superior Piling Co. (Poles & Posts), 254 W. 22d
Lindsley Bros. Co. (Idaho Cedar & Michigan White Cedar Poles), 143 Dearborn
Marsh & Bingham (Ties), Old Colony bldg
Naugle, E. E., Tie Co. (Ties, Poles & Posts), 159 Lasalle
Palmer, W. C. B. (Poles & Posts), Robey nr Blue Island av
Raber & Watson (Cedar Ties, Poles & Posts), Old Colony bldg
Ripley, Wm., & Son (Ties), 36 Lasalle
Schultz Bros. (Ties, Poles & Posts), Old Colony bldg
Stone, Frank B. (Ties, Poles & Posts), 9 Jackson boul
Townsend Cedar & Supply Co. (Idaho Cedar & Michigan White Cedar Poles), Monadnock blk
Valentine-Clark Co. (Cedar Poles, Telegraph Poles, Railroad Ties, etc.), 234 LaSalle
Wallace Supply Co. (Cedar Poles & Posts), 56 5th
Whitcomb, Rodney S. (Poles & Posts), 324 Dearborn
M'LEANSBORO—Wilson, Jno. H (Ties).

INDIANA

ELKHART—Mann Cedar Co. (Ties, etc.)
EVANSVILLE—Gray Tie Co. (Cross Ties & Timber), B. M. A. bldg
MEDORA—Medora Milling Co. (Chestnut Poles 40 ft. & up)
RICHMOND—Johnson, B., & Son (R. R. Ties, Piles, etc.)

KENTUCKY

BURNSIDE—Wheeler, Holden Co. (R. R. Ties)
JACKSON—Day, Floyd (Ties)
LOUISVILLE—Dean Tie Co., Columbia bldg

LOUISIANA

DONNER—Dibert, Stark & Brown Cypress Co. (Hewn & Sawn Ties)
FRANKLIN—Hanson, Albert Lumber Co.
New Orleans Wood Preserving Works (Creosoted & Burnettized). Bordeaux cor Lyon
NEW ORLEANS—American Creosoting Works (Creosoted Ties & Poles)
SHREVEPORT—Singor, Burton & Co. (Ties)

MARYLAND

BALTIMORE—Hoskins, J. S. Lumber Co. (Ties, Poles & Posts), Light & Lee
Hunting, E. B. & Co. (Ties, etc.), 213 Courtland
BRANDYWINE—Robinson, A. T. (Ties)

MICHIGAN

AU SABLE—Loud's, H. M. Sons Co. (Ties)
BAY CITY—Maltby Lumber Co. (Ties, Poles & Posts)
Michigan Pipe Co. (Ties, Poles & Posts, Creosoted)
BOVEE—Robinson & Freeman (R. R. Ties, Poles & Posts)
†BOYNE CITY—White, Wm. H., & Co. (Cedar Ties & Posts)
DAGGETT—Perrizo & Sons (Poles & Posts)
DETROIT—Brownlee & Co. (Poles & Posts), Telegraph bldg
Detroit Cedar & Lumber Co., Cham. of Com bldg
Grace Harbor Lumber Co. (Ties, Poles and Posts)
Standard Tie Co., Cham. of Com. bldg
ESCANABA—Erickson & Bissell (Cedar Ties, Poles, Posts & Tiling)
Mueller, Wm., Co. (Ties, Posts, etc.)
Pittsburg & Lake Superior Iron Co. (Cedar Ties, Poles, Posts & Piling)
GRAND RAPIDS—Union City Lumber Co.
Union City Lumber Co.
HARDWOOD—Spies, Augustus, Lbr. & Cedar Co.
HERMANSVILLE—Wisconsin Land & Lumber Co. (Cedar Ties, Poles & Posts)
HONOR—Guelph Patent Cask Co. (Ties)
INGALLS—Carley, Ira
MENOMINEE—Girard Lumber Co. (Poles & Posts)
Huebel, C. J., Co. (Idaho Cedar & Michigan White Cedar Poles 40 ft. & up)
Raber & Watson (Cedar Ties, Poles & Posts), (See Chicago)
MONROE—Sterling, W. C. & Son (Ties, Electric Light Poles, etc.)
MULLET LAKE—Lombard & Rittenhouse (Ties, Poles & Posts)
NEWHALL—Pittsburg & Lake Superior Iron Co. (Cedar Ties, Poles & Posts)
OMER—Sterling, W. C. & Son (Ties, Poles & Posts)
OSCODA—Loud's, H. M. Sons Co. (Poles & Posts)
RAPID RIVER—Madden, Jerry Shingle Co.

SAGINAW—Morse Cedar Co. (Cross Ties. Telephone & Telegraph Poles & Cedar Posts)
Porter Cedar Co. (Poles & Posts, Cedar)
ST. IGNACE—Connor & Bissell (Cedar Ties, Telegraph Poles, etc.)
Wing & Brown (Ties)
SPALDING—Mueller, Wm., & Co.
UNION CITY—Union City Lbr. Co. (Ties, Posts, etc.)
VANDERBILT—Sterling, W. C. & Son

MINNESOTA.

CLOQUET—Poupore, Adam (Ties)
DULUTH—Duluth Log Co.
Lake Superior Piling Co. (Poles & Posts), Torrey bldg
Martin Bros.
Martin, L. R. (Ties, Poles & Posts)
MINNEAPOLIS—Bradley-Watkins Co. (Ties, White Cedar), Lumber Ex.
Everts & Fall, 400 Lumber Ex.
Coolidge, M. H., Co. (Ties, Telegraph & Telephone Poles), Guaranty bldg
Minneapolis Cedar & Lumber Co., Lumber Exch.
Pillsbury-Walkins Co., Lumber Ex

MISSISSIPPI.

MERIDIAN—Brownlee Lumber Co. (Cross Ties)
WEST PASCAGOULA—West Pascagoula Creosoting Works (E. H. Bowser) (Creosoted Ties & Poles)

MISSOURI.

CABOOL—Grant, S. W. (Posts, etc.)
DONIPHAN—Rouse & Booth (Ties)
ELDON—Harvey & Phillips (Ties)
KANSAS CITY—Sedgwick Tie Co. (Ties), Beals bldg
Sedgwick Tie Co. (Ties), Beals bldg
MONTGOMERY CITY—Ferguson, Jas. (R. R. Ties)
POPLAR BLUFF—Greason, A. H. & Co.
Jacobs, E.
ST. LOUIS—Abeles & Taussig (Ties), Commercial bldg
Bagnell Timber Co. (Ties), 706 Chestnut
Berthold & Jennings (Piling Telegraph Poles, etc.), Chemical bldg
Chicago Lumber & Coal Co. (Poles, Posts & Piling), 122 N 7th
Moss, T. J. Tie Co., 319 N 4th
Smith, C. H. Tie & Timber Co.
Western Tie & Timber Co. (Ties), 313 N 9th

NEW HAMPSHIRE

MILFORD—Pierce, W. E. & Co. (Ties, Poles & Posts)

NEW JERSEY.

CAMDEN—Baird, David & Co. (Poles & Posts, Trolley, etc.)

NEW YORK.

BUFFALO—Curtiss, W. L. (Ties), White bldg
Elias, G. & Bro., 965 Elk
Wheeler-Holden Co., Erie Co., Bank bldg
ELLENVILLE—Cox Bros. (Ties, Poles, Posts, etc.)
NEW YORK—Baxter, G. S. & Co. (Ties), 17 William
Chesebro, Whitman & Co., 1167 1st av
Cooney, Eckstein & Co. (R. R. Ties), 66 Broad
Corbett & Co., 429 E 109th
Eccleston Lumber Co. (Ties, Poles & Posts), 29 B'way
Hirsch, C. S. & Co. (Ties, etc.), 29 B'way
Hunter, Dexter (Ties), 18 B'way
Phelan, Dan'l W., 277 B'way
Richardson, G. E., 123 Liberty
Roper, John L. Lumber Co. (Ties), 18 B'way
Standard Pole & Tie Co. (Ties & Poles), 58 William
Vanderbilt & Hopkins Co. (Ties), 126 Liberty
Wallace Supply Co. (Cedar Poles & Posts), 26 Cortlandt
WAVERLY—Baldwin, H. J. & Son (Ties)

OHIO.

CINCINNATI—Chaney, W. G., Swift bldg
Doran & Co., 406 W Court
Farrin, M. B. Lumber Co. (Oak R. R. Ties, Posts, etc.), Winton pl
CLEVELAND—Cleveland Cedar Co. (Ties, Poles & Posts), Soc. for Sav. bldg
Colonial Lumber Co., "Railroad Ties," Williamson bldg
IRONTON—Ironton Cross Tie Co. (Ties)

OREGON.

HILGARD—King, Frank L. & Co.
PORTLAND—Broughton & Wiggins Co., 92 1st
Columbia River Tie & Lumber Ass'n, Abington bldg
Lindsley Bros. Co. (Ties, Poles & Posts), Sherlock bldg

PENNSYLVANIA.

LIVERPOOL—Grubb, M. H. (Ties only)
PHILADELPHIA—Everett's Lumber Co., 416 Walnut
Hallowell, E. B. & Co. (Ties, Poles & Posts) Harrison bldg
Howard Supply Co. (Ties), Witherspoon bldg
Kirby & Hawkins (Ties), Arcade bldg
McNaughton, J. C. (Ties), 2034 Race
Massy Railway Supply Co. (Ties, Poles & Posts), Phila. Bourse
§Maus, H. H. & Co. (R. R. Ties, Poles, etc.), 416 Walnut, Phila., Pa.
Roper, Jno. L. Lumber Co. (Ties), Girard bldg
Union Railway Supply Co. (Electric Railway Ties & Poles), Real Estate Trust bldg
PITTSBURG—Furnace Run Saw Mill & Lumber Co. (Street Telegraph Poles, etc.), 246 3d av
Gillespie, D. L. & Co. (Ties), 541 Wood
Glenn-Kline Lumber Co. (Ties, Posts & Piling), 5941 Baum
Howard Supply Co. (Ties), Frick bldg
Mead & Speer (Ties), Park bldg
Thompson, Dwight (Cross Ties), Westinghouse bldg
ROCKWOOD—Wolf, Penrose (Ties)
THOMPSONTOWN—Thompson, Theo. S. (Estate of) (Ties)
TIONESTA—Foreman, H. M. (Ties)

RHODE ISLAND

CUMBERLAND HILL—McLaughlin, J. (Telephone Poles & R. R. Ties)

SOUTH CAROLINA.

ALCOLU—Alderman, D. W. & Sons Co. (Octagonal or Square Poles)
CHARLESTON—Anderson Lumber Co. (Ties)
Solomon's, S. S. (Cross Ties)
MAYESVILLE—Bland, Jas. F. (Cross Ties)

TENNESSEE.

MEMPHIS—Meridith, J. P. Cedar Co., Equitable bldg

TEXAS.

BEAUMONT—Keith Lumber Co. (Ties)
GALVESTON—Heiskell, Jas. M. (R. R. Ties). 2702 Mechanic
Wilson, D. M. & Co. (Ties)
HOUSTON—Emporia Lumber Co. (Ties)
Kirby Lumber Co. (Ties, etc.)

VIRGINIA.

NORFOLK—Roper, Jno. L. Lumber Co. (Ties), 3 Nivision
PORTSMOUTH—Wyckoff Pipe & Creosoting Co. (Creosoted Ties & Poles)
RICHMOND—Conquest, Pleasanton L. (Ties), 4N 11th
Johnson & Briggs (Ties), 819 E Main
Watkins, Benj. T. (Ties), 4 N 10th
TALLEYSVILLE—Richardson, R. E. (Ties)

WASHINGTON.

PORT BLAKELY—Port Blakely Mill Co. (Ties)
SEATTLE—Folsom, F. H. (Ties), 809 Railroad av
Pacific Fir Co. (Ties), D. Horton Bank bldg
Puget Sound Timber Preserving Co., Globe blk

WEST VIRGINIA.

HUNTINGTON—Howard Supply Co. (Ties)
TERRA ALTA—Rinard Bros. (Poles, etc.)

WISCONSIN.

CLINTONVILLE—Torrey Cedar Co. (Poles & Posts)
FLORENCE—McGovern, Peter
JANESVILLE—Pendleton & Gilkey (Poles & Posts)
MARINETTE—Davis & Stitt Co. (Ties, Poles & Posts)
Worcester, C. H. Co. (Cedar Poles)
Wright Bros.
MARSHFIELD—CONNOR, R. CO. (Cedar Poles & Posts)
WASHBURN—Fowler-Jacobs Co.
WITTENBERG—Glaubitz, R. B. (Posts & Poles)

WYOMING.

ROCK SPRING—Green River Lumber & Tie Co. (Ties)

Ties (Steel Railroad)

DAVIES, FRANK, Hennen bldg, New Orleans, La. (See adv. index, end of book)
KOPPEL, ARTHUR, 68 Broad, New York. (See adv. index, end of book)
LEAVITT, C. W. & CO., 15 Cortlandt, New York. (See adv. index, end of book)

When writing to firms whose names appear in this book please mention
HENDRICKS' COMMERCIAL REGISTER.

Tile (Art & Decorative)

(See also Tile, Encaustic Floor.)

Alhambria Tile Co., Keyport, Ky.
AMERICAN ENCAUSTIC TILING CO., Zanesville, O., & 1123 B'way, New York
BEAVER FALLS ART TILE CO., Beaver Falls, Pa. (See adv. below)
Cambridge Tile Mfg. Co., Covington, Ky.
Imperial Porcelain Works, Trenton, N. J.
JACKSON, WM. H. CO. (Dealers in al kinds of Art & Decorative Tiles), 29 E 17th (Union Square), N. Y. (See adv. index, end of book)
Lage, Berhard H., 491 G'wich, New York
Mosaic Tile Co., Zanesville, Ohio
National Tile Co. Main Office, Trenton, N. J. Branches, Morrisville, Pa., & Anderson, Ind.
New Jersey Mosaic Tile Co., Matawan, N. J.
New Jersey Tile Co., Trenton, N. J.
Ohio Tile Co., Hamilton, O.
Pardee, C. Works, Perth Amboy, N. J.
Providential Tile Works, Enterprise av, Trenton, N. J.
Star Encaustic Tile Co., Pittsburg, Pa.
Trent Tile Co., Trenton, N. J.
U. S. Encaustic Tile Co., Indianapolis, Ind.

Tile (Bake Oven)

La Clede Fire Brick Mfg. Co., St. Louis, Mo.
MAURER, HENRY & SON, 420 E. 23d, N. Y.; Penna. bldg, Phila., Pa. Works, Maurer, N. J. (See adv. front inside cover)
PIONEER FIRE-PROOFING CO., 204 Dearborn, Chicago, Ill. (See adv. index, end of book)
Presbrey Stove Lining Co., Taunton, Mass.

Tile (Clay Roofing)

MAURER, HENRY & SON, 420 E 23d, New York, & Penna. bldg, Phila., Pa. Works, Maurer, N. J. (See adv. index, end of book)

Tile (Cork)

Nonpareil Cork Works, 80 Hudson, New York

Tile Dealers (Floor & Wall)

(See Mantel, Grate & Tile Dealers.)

Tile (Drain)

Aiken Fire & Ornamental Brick Co., Aiken, S. C.
Allen, Geo., Jeffersonville, O.
American Brick & Tile Co., Mason City, Ia.
American Clay Mfg. Co., Akron, O.
Argillo Works, Carbon Cliff, Ill.
Baltimore Terra Cotta Works, cor Covington & Clement, Baltimore, Md.
Bennett, M., Sidney, O.
Bennett, W. F. & Co., Galena, O.
BOSTON FIRE BRICK CO. (Geo. M. Fiske, Mgr.), (Mfrs'. Agts.), 161 Devonshire, Boston, Mass. (See adv. index, end of book)
Boynton, C. W., Sewaren, N. J.
Brandt Clay Product Co., Binghamton, N. Y. Works, Brandt, Pa.
Butte Sewer Pipe & Tile Co., Butte, Mont.
Clarke, N. & Sons, 17 Spear, San Francisco, Cal., & Alameda, Cal.
Clarke & Leacock, Keota, Ia.
Clearfield Clay Working Co., Clearfield, Pa.
Cooper, Jno., 496 Oakland, Brooklyn, N. Y.
Dale Brick Co., Des Moines, Ia.
Dawson Brick & Tile Co., Springfield, Ill.
Denny Clay Co., Seattle, Wash.
Dickey, W. S. Clay Mfg. Co., Kansas City, Mo.
Diefefthaler Co., Millbury, O.
Dorney & Harris, Findlay, O.
Duffy, J. P. & Co., 440 E 138th, New York
Evens & Howard Fire Brick Co., 920 Market, St. Louis, Mo.
Everal, J. W., Westerville, O.
First Av Brick & Tile Co., Evansville, Ind.
Fox, E. P., Sheffield, Ia.
Gerhard, Frank J., 236 18th av, Newark, N. J.
Goodell, Adison Tile Works, Loda, Ill.
Goodwin Tile & Brick Co., Grand Junction, Ia.
Hickory Run Brick Co., Allentown, Pa.
Hillsboro Brick & Tile Co., Hillsboro, Ill.
Hutchins, Jno. A. & Co., Wyoming, Pa.
Iowa Pipe & Tile Co., Des Moines, Ia.
Jackson, Jno. H., 142 3d av, Albany, N. Y.
Joliet Mound Drain Tile Co., Joliet, Ill.
Lancaster Brick & Tile Co., Builders' Exchange, Buffalo, N. Y.
Lincoln Coal Co., Lincoln, Ill.
Little Falls Fire Clay Co., Tacoma, Wash. Works, Little Falls, Wash.
McCord, Seely, Benton Harbor, Mich.
Mason City Brick & Tile Co., Mason City, Ia.
Mason City Clay Works, Mason City, Ia.
Mason, F. H. & Son, Monroeville, O.
Mecca Clay Works (Wm. E. Dee, Prop.), 114 Quincy, Chicago, Ill. Works, Mecca, Ind.
Michigan Sewer Pipe Co., Jackson, Mich.
Mishler Bros., Ravenna, O.
Mitchell & Moore, Newberg, Ore.
Monmouth Mining & Mfg. Co., Monmouth, Ill.
National Terra Cotta Works, 316 13th, N. W., Washington, D. C.
New York Pottery Co., 630 W 36th, New York
Onondaga Vitrified Brick Co., Syracuse, N. Y.
Pacific Clay Mfg. Co., 651 S B'way, Los Angeles, Cal.
Peck, Richard, East Bethany, N. Y.
Pierson, Arthur & Co. (Mfrs. Agents), 1 Park Row, New York
Pittsburg Sewer Pipe & Conduit Co., Pittsburg, Kans.
Pittsburg & Buffalo Co., Frick bldg, Pittsburg, Pa.
Pomona Terra Cotta Co., Pomona, N. C.
Prane, F. J., Shiloh, O.
Purcell, Geo. W., Union, O.
Richeson & Nelson, Greenville, O.
Robinson Clay Product Co., Akron, O.
Rochester Brick & Tile Mfg. Co., Powers blk, Rochester, N. Y.
Rochester Sewer Pipe Co., Powers blk, Rochester, N. Y.
Rocketts Brick & Tile Co., 905 E Cary, Richmond, Va.
St. Clair Tile Co., Eaton, O.
San Antonio Sewer & Pipe Mfg. Co.
Shaw, C. E., Iowa Falls, Ia.

SANITARY WALL TILE.

HIGHEST AWARD WORLD'S FAIR, ST. LOUIS, TO

BEAVER FALLS ART TILE CO., LIMITED,

BEAVER FALLS, PA.,

MANUFACTURERS OF

WALL TILE, CAPS, BASE AND TRIMMERS

FOR

Hospitals, Bath Rooms, Toilets, Etc.

ALSO

ENAMELS AND EMBOSSED TILES

FOR

Hearths and Mantel Facings.

Standard Sewer Pipe Co., Rochester, N. Y.
Stevens', H. Sons Co., Macon, Ga.
Straight & Campbell Brick & Tile Co., Ft. Dodge, Ia.
Streator Clay Mfg. Co., Streator, Ill.
Syracuse Stoneware Co. (Branch of Robinson Clay Product Co. of Akron, O.) 401 Fulton, Syracuse, N. Y.
Terrell & Son, Newberg, Ore.
Utica Brick & Tile Co., ft Schuyler, Utica, N. Y.
Vigo Brick & Tile Co., Vigo, O.
Warsaw Brick & Tile Works, Warsaw, O.
Whipple & Hull, Leonardsbury, O.
White, S. C., Lapel, Ind.
Williams, N. A. Co., Chamber of Commerce bldg, Chicago, Ill.

Tile (Enameled)

AMERICAN ENCAUSTIC TILING CO., 1123 B'way, New York, & Zanesville, O
BEAVER FALLS ART TILE CO., Beaver Falls, Pa. (See adv. preceding page)
Cambridge Tile & Mfg. Co., Covington, Ky.
Metile Construction Co., 22 E 22d, New York
Tiffany Enameled Brick Co., Momence, Ill., & 138 Wash'n, Chicago, Ill.

Tile (Enameled Metal)

Boston Metile Co., 181 Summer, Boston, Mass.
Pittsburg Metile Co., 432 4th av, Pittsburg, Pa.

Tile (Encaustic Floor)

American Art Tile Co., Columbus, O.
AMERICAN ENCAUSTIC TILING CO., Zanesville, O., & 1123 B'way, New York
Cambridge Tile Mfg. Co., Covington, Ky.
Lage, Bernhard H., 491 G'wich, New York
Mosaic Tile Co., Zanesville, O.
National Tile Co. Main Office, Trenton, N. J. Branches, Morrisville, Pa.; Anderson, Ind., & Old Bridge, N. J.
New York Vitrified Tile Co., 79 4th, Brooklyn, N. Y.
Star Encaustic Tile Co., Bluff nr Grist, Pittsburg, Pa.
U. S. Encaustic Tile Works, Indanapolis, Ind.

Tile (Green House)

MAURER, HENRY & SON, 420 E. 23d, N. Y., & Penna. bldg, Phila., Pa. Works, Maurer, N. J. (See adv. front inside cover)

Tile (Illuminating, Wholesale Mfrs.)

Rodefer, T. A., Bellaire, O.

Tile Importers

Hahn, Phil. (German Flint & Viterous), 207 Centre, New York
Schroeder, Rudolph (French Flint), 444 Greenwich, New York

Tile ("Moravian")

Moravian Pottery & Tile Works ("Glazed & Unglazed" in various Colors), Doylestown, Pa.

Tile (Mosaic Ceramic Floor)

AMERICAN ENCAUSTIC TILING CO., 1123 B'way, New York, & Zanesville, O.
Cambridge Tile Mfg. Co., Covington, Ky.
Lage, Bernhard H., 491 Greenwich, New York
Mosaic Tile Co., Zanesville, O.
New Jersey Mosaic Tile Co., Matawan, N. J.
United States Encaustic Tile Co., Indianapolis, Ind.

Tile (Promenade)

CELADON ROOFING TILE CO., 156 5th av, New York; 204 Dearborn, Chicago, Ill. Works, Alfred, N. Y., & Ottawa, Ill. (See adv. index, end of book)

Tile (Roofing)

(See Roofing Tile, Various Kinds.)

Tile (Rubber)

(See also Mats & Matting Rubber.)

Baltimore Rubber Co. (Interlocking), Baltimore, Md.
Continental Rubber Works, Erie, Pa.
Diamond Rubber Co., Akron, O.
Goodrich, B. F. Co., Akron, O.; 66 Reade, N. Y., & 141 Lake, Chicago, Ill.
Gutta Percha & Rubber Mfg. Co., 126 Duane, N. Y.; 71 Pearl, Boston; 96 Lake, Chicago, & 26 Fremont, San Francisco, Cal.
Manhattan Rubber Mfg. Co., 18 Vesey, N. Y., & Passaic, N. J.
New York Belting & Packing Co. (Ltd.) (Interlocking), 91 Chambers, N. Y.; St. Louis, Mo.; 150 Lake, Chicago, Ill., & San Francisco, Cal.
Penna. Rubber Co. (Interlocking), Jeannette, Pa.
Republic Rubber Co., Youngstown, O.

Tile (Sidewalk)

Hocking Clay Mfg. Co. (Encaustic), Logan, O.
Logan Brick Mfg. Co. (Glazed), Logan, O.
Mason City Brick & Tile Co. (Vitrified), Mason City, Ia.
Nelsonville Sewer Pipe Co., Nelsonville, O.
PIONEER FIRE PROOFING CO., 204 Dearborn, Chicago, Ill. (See adv. index, end of book)
Soisson, Jos. Fire Brick Co., Connellsville, Pa.

Tile (Slate)

(See Slate Floor Tile.)

Tile (Terra Vitrae)

Hartford Faience Co., Hartford, Conn.

Tile (Vitreous Floor)

Alhambra Tile Co., Newport, Ky.
AMERICAN ENCAUSTIC TILING CO., 1123 B'way, N. Y., & Zanesville, O.
Cambridge Tile Mfg. Co., Covington, Ky.
Davis, Reed & Alexander, 127 E 23d, N. Y.
FLEMING & CO. (Red, Buff & Black Quarries), 123 Liberty, New York. (See adv. index, end of book)
Hahn, Phil. (Imported German), 207 Centre, New York
Lage, Bernhard H., 491 G'wich, New York
Mosaic Tile Co., Zanesville, O.
Rossman, Robert, 149 W 24th, N. Y.
Trent Tile Co. (White & Colored), Trenton, N. J.
United States Encaustic Tile Co., Indianapolis, Ind.

Tiling (Acid Proof)

(For Chemical Works.)

La Clede Fire Brick Mfg. Co., St. Louis, Mo.
Reconstructed Granite Co., 14 Dey, N. Y. Works, Norristown, Pa.

Tills (Alarm)

Chicago Scale Co., 292 Jackson boul, Chicago, Ill.
Miles Alarm Till Mfg. Co., Providence, R. I.
Tucker & Dorsey Mfg. Co. ("Tucker"), Indianapolis, Ind.

*Timber Clips

HURD & CO., 316 Hudson, N. Y. (See adv. index, end of book)

Time Checks (Factory)

American Railway Supply Co., 24 Park pl. New York

Time Detectors

(See Clocks, Watchman's.)

Time Recorders

Altman & Co., 69 Dearborn, Chicago, Ill.
American Watchman's Clock, 234 B'way, N. Y. City. Telephone, 600 Cortlandt
American Watchman's Time Detector Co., J. E. Morse, Treas., 234 B'way, New York
AMERICAN WATCHMAN'S TIME DETECTOR, 150 Nassau, N. Y. (See adv. index, end of book)
American Watchman's Time Detector Co. ("The Original"), 45 Sheriff, Cleveland, O.
Buerk, J. E., 230 Wash'n, Boston, Mass.
Dey Time Register Co., 433 S West, N. Y.
General Watchmen's Time Detector Co., 49 Dey, New York
HERZOG TELESEME CO., 51 W 24th, N. Y. (See adv. below)

Herzog Teleseme Co.,
51 WEST 24th STREET,
MANUFACTURE EXCLUSIVELY
Electric Signaling Specialties

Heywood Bros. & Co., Gardiner, Mass.
Holtzer-Cabot Electric Co., Brookline, Mass.
IMHAUSER, E. & CO. (Watchman's), 202 B'way, N. Y.
International Time Recording Co., Binghamton, N. Y.
Marshall-Sanders Co., 301 Congress, Boston, Mass.
Morse Time Recorder, 234 B'way, N. Y. City
Nanz & Co., 127 Duane, N. Y.
National Time Recorder Co., 240 W Lake, Chicago, Ill.
PETTES & RANDALL CO., 150 Nassau, N. Y. (See adv. index, end of book)
Pneumatic Watchmen's Check Co., Columbus, O.
Sanford, C. E., 64 Broad, New York
Simplex Time Recorder Co., Gardner, Mass., & Chicago, Ill.
Swan Electric Mfg. Co., 21 State, N. Y.
Syracuse Time Recorder Co., Syracuse, N. Y.
U. S. Electric Time Company, 234 B'way, N. Y. City

Time Stamps

International Time Recording Co., Binghamton, N. Y.

Tin Ash Cans

(See also Cans, Ash, Etc.)

American Can Co., 11 B'way, New York

Tin (Bar & Pig)

American Metal Co., 52 B'way, New York
Davol, Jno. & Sons, 100 John, New York
Hayman, Mich'l & Co., Buffalo, N. Y.
Hendricks Bros., 49 Cliff, New York
Hungerford, U. T. Brass & Copper Co., 497 Pearl, New York
Lisberger, B. & Co., 738 E 14th, N. Y.
Lissberger, Marks & Son, 397 W 12th, N. Y., & 375 Driggs av, Brooklyn, N. Y.
Selby Smelting & Lead Co., San Francisco, Cal.
Woodfall Bros., 1105 Fairmount av, Phila., Pa.

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Tin Cans

AMERICAN CAN CO., 11 B'way, New York

Tin Ears

Horan Stay Hanger Co. (for Tin Buckets), Louisville, Ky.

Tin Foil

Budde & Westerman, 50 Vesey, N. Y.
Cohn, Hugo & Co., 67 Murray, N. Y.
Conley Foil Co., 539 W 25th, N. Y.
Crooke, Jno. J. Co., 186 Grand, N. Y., & 149 Fulton, Chicago, Ill.
Hutchinson, W. H. & Son, 196 Desplaines, Chicago, Ill.
Johnston Tin Foil & Metal Co., 6016 S B'way, St. Louis, Mo.
Lehmaier, Schwartz & Co., 207 E 22d, N. Y.
Wittemann Bros., Wolcott & Ferris, Brooklyn, N. Y.

Tin Plate Dipperies

(See also Tin & Terne Plate Mfrs.)

American Tin & Terne Plate Co. (Brands, Puritan & Keystone), 22 Wildey, Phila., Pa.
BERGER MFG. CO., Main Office & Works, Canton, O. Branches: 210 E 23d, N. Y.; 23 Lake, Chicago, Ill.; 623 N Main, St. Louis, Mo.; 1215 Filbert, Phila., Pa., & 176 Federal, Boston, Mass. (See adv. index, end of book)
Ferguson Tin Plate Co., Ltd. (Terne Plates). Pittsburg, Pa.
Follansbee Bros. & Co., 3d & LiLberty avs, Pittsburg, Pa. Works, Allegheny, Pa.
Hamilton, John, B. & O. R. R. & Tecumseh, Pittsburg, Pa.
Jackson Iron & Tin Plate Co., Clarksburg, W. Va.
Juniata Steel & Iron Co., Greencastle, Pa.
McDonald, Jas. & Sons Co., 654 Main, Cincinnati, O.
Merchant & Co., Inc., 517 Arch, Phila., Pa.; 247 Water, New York; 14 Michigan, Chicago, Ill., & 584 Flushing av, Brooklyn, N. Y.
Meurer Bros. Co., 575 Flushing av, Brooklyn, N. Y.
Marshall Iron Co., Newport, Del.
Marshallton Iron & Steel Co., Marshallton, Del.
Muskingum Valley Steel Co., Zanesville, O.
National Enameling & Stamping Co., Baltimore, Md.
Norton Tin Plate & Can Co. (Am. Can Co.), Boston cor Hudson, Baltimore, Md.
Old Dominion Iron & Nail Works Co., Richmond, Va.
Parkersburg Iron & Steel Co., Parkersburg, W. Va., & Pittsburg, Pa.
Waukesha Sheet Steel Co., Waukesha, Wis.

Tin Plate Mfrs

(See Tin & Terne Plate Mfrs.)

Tin Plate, Metals, etc.

(See also Roofing Materials; also Roofing & Siding, Iron & Steel; also Tin and Terne Plate Mfrs.)

ALABAMA.

MOBILE—Barney-Cavanaugh Hdw. Co.

ARKANSAS.

LITTLE ROCK—Fones Bros. Hdw. Co.

CALIFORNIA.

LOS ANGELES—Harper & Reynolds Co., 152 N Main
Holbrook, Merrill & Stetson, 675 San Fernanda
Hooker, J. D. Co. (Inc.)
Montague, W. W. & Co., 124 N Los Angeles
SACRAMENTO—Schaw-Batcher Co., 219 J
SAN FRANCISCO—Arnold Hardware Co., 23 Davis
Burnstine Bros., 534 Brannan
Dalziel-Moller Co., 549 Mission
De la Montanya, J. Co., 606 Battery
Dunham, Carrigan & Hayden Co., 17 Beale
Garratt, W. T. & Co., 140 Fremont
Harley, Chas. Co., 844 Harrison
Holbrook, Merrill & Stetson, 237 Market
Montague, W. W. & Co., 317 Market
Pacific Hardware & Steel Co., Mission & Fremont
Pacific Metal Works, 153 1st
Speddy, T. H., 49 2d
Tay, Geo. H. Co., 49 1st

COLORADO.

DENVER—Colorado Fuel & Iron Co., Boston bldg
Eaton, C. B. & W. R., 901 Wazee
Rowntree, Jno. T., Continental bldg

CONNECTICUT.

BRIDGEPORT—Hunter & Havens
HARTFORD—Blodgett & Clapp Co., 51 Market
Clapp, Jos. B., 26 Kinsley
Ensworth, L. L. & Son, 104 Front
NEW HAVEN—Mersick, C. S. & Co., 286 State

DISTRICT OF COLUMBIA.

WASHINGTON—Adler, M. J., 3148 M, N W
Baum & Bernheimer, 1725 7th, N W
Hartig, Gustav, 509 H, N E
Kendall, J. B., 485 Mo av, N W
Lamble, Jas. B. Co., 1415 N. Y. av, N W
Rudolph, West & Co., 1332 N Y av, N W

GEORGIA.

ATLANTA—Conklin Tin Plate & Metal Co., Empire bldg
SAVANNAH—Conklin Tin Plate & Metal Co.
Gilbert, C. M. & Co.
Weed, J. D. & Co.

ILLINOIS.

ALTON—Degenhardt, A. J.
CHICAGO—Allerton-Clarke Co., 118 Lake
Follansbee Bros. Co., 204 Dearborn
Hibbard, Spencer, Bartlett & Co., State St. Bridge
Hunt's, Edwin Sons, 180 Lake
Illinois Roofing & Supply Co., 23 Lake
Johnston, Jno. & Co., 233 Lake
Merchant & Co., 14 Michigan
Perkins, J. L. & Co., 235 Lake
Scully Steel & Iron Co., 136 Fulton
Shepard, C. Sidney & Co., 23 Randolph
Trench, Dan'l G. & Co., 42 River
Turner, W. W. & Co., 36 La Salle
Wells & Nellegar Co., 72 Lake
OTTAWA—Jordan, R. C.
Poundstone-Refior Hardware Co.
PEORIA—Clark, Quien & Morse
Walker, Isaac Hdw. Co.
QUINCY—Best, E. Plumbing & Steam Heating Co.
Cottrell Hdw. Co., 124 N 5th
Tenk Hdw. Co.

INDIANA.

EVANSVILLE—Thiele, I. A., 108 U 3d
FT. WAYNE—Ash, H. J.
Seavey Hdw. Co., 19 W Main
INDIANAPOLIS—Indianapolis Steel Roofing & Corrugating Co., 25 E South
Indianapolis Stove Co., Roosevelt & Columbia avs
Tanner Co., 216 S Meridian
Van Camp Hdw. & Iron Co., 130 S Illinois
RICHMOND—Jones Hardware Co.
TERRE HAUTE—Smith, C. C. Sons Co.
Townley Stove Co.

IOWA.

BURLINGTON—Donahue, Robt. Iron & Hardware Co.
DUBUQUE—Schreiber, Conchar & Westphal Co.
Tredway, A. & Sons Hdw. Co.
SIOUX CITY—Baker Hdw. Co.

KANSAS.

ATCHISON—Blish, Mize & Silliman Hdw. Co.
Harwi, A. J. Hardware Co.
FORT SCOTT—Warbasse, E.
LEAVENWORTH—Crancer, J. W. & Co.

KENTUCKY.

LOUISVILLE—Bridgeford & Co., 501 W Main
Stratton & Terstegge, 728 W Main
Todd-Donigan Iron Co., 817 W Main

LOUISIANA.

NEW ORLEANS—Stauffer, Eshleman & Co., 513 Canal

MAINE.

EASTPORT—Milliken, B. F. & Son (Canners' Supplies)
LEWISTON—Stetson, J. H. & Co.

MARYLAND.

BALTIMORE—Ammidon & Co., 2215 Boston
Central Metal & Supply Co., Holliday & Centre
Clendenin Bros., ft of Caroline
Fuller, Wm. & Co., 111 S Charles
Lyon, Conklin & Co., 513 W German
Nimmo, W. C. & Co., 327 N Calvert
Parker, E. L. & Co., 203 S Charles

MASSACHUSETTS.

BOSTON—Austin & Doten, 102 North
Boston Galvanizing Works, 121 W 1st
Brown-Wales Co., 83 Purchase
Fitz, Dana & Co., 110 North
Foster, W. T. & Co., 9 Bowker
Gallagher, D. F. & Co., 277 Commercial
Harvey, Arthur C. Co., 374 Congress
Herrick Co., 47 Broad
Lloyd, Geo. H., 131 State
Richards & Co., 60 Union
Studley & Simpson, 137 North
Waite, Ranlet & Co., 82 Broad
Wheeling Corrugating Co., 132 Pearl
SPRINGFIELD—Hitchcock Supply Co., 74 Dwight
Lewis, Chas. C. Co., 30 Lyman
New England Plumbing Supply Co.
WORCESTER—McGuinness, J. F.

MICHIGAN.

BATTLE CREEK—Bock, C. F. & Son
Brockett, L. B. & Son
DETROIT—Buhl, Sons Co., 115 Woodbridge
Burton, W. J. & Co., 160 Larned, W
Fletcher Hdw. Co., 61 W Woodbridge
Sales & Broad Co., 76 Jefferson av
Standart Bros., 155 W Woodbridge
GRAND RAPIDS—Foster, Stevens & Co.
KALAMAZOO—Edwards & Chamberlin Hdw. Co.

MINNESOTA.

DULUTH—Duluth Corrugating & Roofing Co.
MINNEAPOLIS—Janney, Semple, Hill & Co., 24 S 2d
ST. PAUL—Decker, Adam (Est. of), 347 Jackson
Farwell, Ozmun, Kirk & Co.
Hackett-Walther-Gates Hdw. Co., 270 E 4th
WINONA—Cone, R. D. Co.

MISSOURI.

KANSAS CITY—Gille Mfg. Co.
Mercantile Lumber & Supply Co., Dwight bldg
Richards & Conover Hdw. Co., 5th c Wyandotte

ST. JOSEPH—Wyeth Hdw. & Mfg. Co.
ST. LOUIS—Bannantine Galvanized Iron Mfg. Co., 113 Soulard
Berger Mfg. Co., 623 N Main
Geisel A. Mfg. Co., 225 S 2d
Paddock-Hawley Iron Co., Spruce & 10th
Ripley, L. B., 105 N 7th
Rumsey, L. M. Mfg. Co., 806 N 2d
St. Louis Corrugating Co., 113 Soulard
Simmons Hdw. Co., Spruce & 9th

NEBRASKA.

OMAHA—Lee-Glass-Andreesen Hdw. Co., 9th & Harney
Lehmer, Jos. R., 1212 Farnam

NEW HAMPSHIRE.

MANCHESTER—Pike & Heald Co., 972 Elm

NEW JERSEY.

ELIZABETH—Elizabeth Hdw. Co., 202 Broad
JERSEY CITY—Jersey City Galvanizing Co., 80 Morgan
Letcher & Norton, 193 Morgan
N. Y. Iron Roofing & Corrugating Co., 1st & Wash'n
NEWARK—Coe, Jas. A. & Co., 106 Mulberry
Demars, Wm., 57 Mechanic
Egbert, W. V. & Co., 37 Mechanic
Macknet & Doremus, 796 Broad

NEW MEXICO.

ALBUQUERQUE—Post, E. J. & Co.

NEW YORK.

ALBANY—Hoy & Co., 27 Green
AUBURN—Smith & Pearson
BINGHAMTON—Babcock, Hinds & Underward, 174 Wash'n
BUFFALO—Beals & Co., 44 Terrace
Buffalo Wholesale Hdw. Co., Wash'n & S Division
Hofeller, Theo. & Co., 108 Terrace
Newman, W. H. H. & Co., 70 Main
Pratt & Letchworth Co., 189 Tonawanda
Schmahl, Jacob 26 Lloyd
Shepard, Sidney & Co., 60 Tecumseh
Walbridge & Co., 392 Main
Weed & Co., 298 Main
Wurtz, George P., 23 Lloyd
ELMIRA—Booth, Irving D.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Knight, Thos. G., 259 Pearl
Merchant & Co., 584 Flushing av
Meurer, Geo. C., 575 Flushing av
Ring, Chas. E., 38 S 8th

Boroughs of Manhattan & Bronx

NEW YORK—Bruce & Cook, 190 Water
De Milt, H. R. & Co., 238 Water
Dickerson, Van Dusen & Co., 32 Cliff
Dunham, Carrigan & Hayden Co., 127 Duane
Feld, Geo. A. Co., 162 E 129th
Fox Bros. & Co., 24 Vesey
Fuller Bros. & Co., 139 Greenwich
Hoffman & Scofield, 100 Beekman
HUNGERFORD, U. T. BRASS & COPPER CO., 497 Pearl
Jersey City Galvanizing Co., 112 John
Lawler Water Feed & Damper Regulator Co., 20 W Houston
Leavitt, C. W. J. R. Co., 15 Cortlandt
Merchant & Co. (Inc.), 247 Water
Ogden & Wallace, 577 Greenwich
Phelps, Dodge & Co., 99 John
Rogers, Jos. C., 143 Varick
Sel, Benj. & Co., 59 Orchard
Shepard, Sidney & Co., 21 Cliff
Taylor, N. & G. Co., 1123 B'way
Trench, C. S. & Co., 81 Fulton
Trench, Stewart & Co., 99 Nassau

Borough of Queens.

LONG ISLAND CITY—Hawkins, F. B. Co., 66 Fulton

(END OF NEW YORK CITY).

PORT JERVIS—Gordon & Malven Co.
ROCHESTER—Mathews & Boucher, 26 Exchange
SCHENECTADY—Case, Levi & Co.
SYRACUSE—Burhans & Black Co., 136 N Salina
De Land, J. S., 1700 E Fayette
Syracuse Hdw. & Iron Co., 210 S Clinton
TROY—Warren, J. M. & Co., 245 River
UTICA—Millar, Chas. & Son Co.
WATERTOWN—Hunting Co.
Spratt & Corcoran

OHIO.

CINCINNATI—American Galvanizing Co., 816 E Pearl
Cincinnati Stamping Co., 24 W McMicken av
Cincinnaai Tin & Japan Co., Sycamore & Canal
Evans, C. W. Steel & Iron Co., 12 E Front
Graham, Frank C., Traction bldg
Huenefeld, E. H., 227 E 9th
Lawson, F. H. Co., 437 Main
McDonald, J. & Sons Co., 654 Main
Robertson, W. F. Steel & Iron Co. (Sheet Iron & Steel, Tin & Terne Plates, etc.), Front & Elm
Talbott, C. R. Co., Wiggins blk
CLEVELAND—American Tin Plate Co., Bessemer av nr Tod
Bassett-Presley Co., Cleveland, O.
Bingham, W. Co., 146 Water
Lockwood-Taylor Hdw. Co., 110 Water
Luetkemeyer, H. W. & Sons, 190 Superior
McIntosh Hardware Corp'n, 116 Superior
Osborn, J. M. & L. A. Co., 36 Viaduct
Worthington, Geo. Co., 99 St. Clair
COLUMBUS—Janeway, W. F., 161 N Lazelle
Mithoff, H. & Co., 284 S High
Schoedinger, F. O., 61 E Long
DAYTON—Ach, Abraham & Son, 33 W 2d
Hartman, Franz Co.
FOREST—Dickelman Mfg. Co.
LISBON—Armstrong, P. M. & Co.
TOLEDO—Bostwick-Braun Co., 319 Monroe
Stolberg Hardware Co., 605 Cherry

OREGON.

PORTLAND—Corbett, Failing & Robertson (Inc.), 80 Front
Pacific Metal Works, 73 2d, N

PENNSYLVANIA.

ALLENTOWN—Schelley, C. Y. & Bro.
HAZELTON—Bright, J. C. & Co.
LANCASTER—Reilly Bros. & Raub
Steinman Hdw. Co.
McKEESPORT—Nat'l Galvanizing Works
NEW CASTLE—Smith, Hutton & Kirk Co.
Welch Hardware Co.
PHILADELPHIA—American Tin & Terne Plate Co., 142 N 9th
Bailey, R. M. & Co., Arcade bldg
Berger Bros. Co. (also Tinners' Tools & Supplies), 237 Arch
Calvert & Holloway, 68 N 2d
Carter, Donlevy & Co., 44 N 10th
Gummey, McFarland & Co., 147 N 10th
Hall & Carpenter, 518 Race
Jolley, J. H. & Co., 42 N 5th
McClure Co., 301 Filbert
Marshall Bros. & Co., Girard av & Front
Merchant & Co. (Inc.), 517 Arch
Phillips, F. R. & Sons Co., Penna bldg
Potts, W. F. Sons & Co., 1224 Cherry
Riter Bros., 2623 N 17th
Taylor, N. & G. Co., 410 Mariner
Trotter, Nathan & Co., 36 N Front
Wilson, E. H. & Co., Arcade bldg, Phila., Pa.
PITTSBURG—Bindley Hdw. Co., 429 7th av
Follansbee Bros. Co., 3d & Liberty avs
McClure Co., 211 2d av
POTTSVILLE—Bright & Co.
READING—Bard Hardware Co., 800 Penn
Schnader-Nagle Co., 414 Penn
Stichter Hdw. Co. (Ltd.), 505 Penn
SCRANTON—Foote & Shear Co., 19 N Wash'n av
Hunt, Alex. E.
Scranton Supply & Machinery Co.
WILKESBARRE—Bertels, W. B. Son & Co.
Penna. Supply Co.
Phelps, Straw & Co.
WILLIAMSPORT—Kline & Co.
YORK—Thomas, Jno. F. & Sons

RHODE ISLAND.

PROVIDENCE—Congdon & Carpenter Co., 102 N Main
Hill, Jas. Mfg. Co., 56 Westfield

SOUTH CAROLINA.

CHARLESTON—Shepherd Supply Co., 232 Meeting

TENNESSEE.

CHATTANOOGA—Chattanooga Roofing & Foundry Co.
Magill Hdw. Co.
MEMPHIS—Livermore Foundry & Mach. Co.
Manogue & Pidgeon Iron Co.

TEXAS.

AUSTIN—Tips, Walter
Webb, Jno. H. & Bro.
DALLAS—Huey & Philip Hdw. Co.
FT. WORTH—Nash Hdw. Co.
GALVESTON—Parr, Wm. & Co.
HOUSTON—Heitmann, F. W. & Co.
Peden Iron & Steel Co.
LAREDO—Deutz, A. & Bro.
WACO—Strauss, Edw.

UTAH.

SALT LAKE CITY—Strevell-Paterson Hdw. Co

VERMONT.

BARRE—Phelps Bros.
MONTPELIER—Blanchard, Fred

VIRGINIA.

NORFOLK—Howard, Paul R. Hdw. Co.
LYNCHBURG—Barker-Jennings Hdw. Co.
Handy, N. B. Co.
RICHMOND—Gordon Metal Co. (Jobbers), 1426 E Carey

WASHINGTON.

SEATTLE—Hofius, W. D. & Co., Dexter Horton Bank bldg

WEST VIRGINIA.

WHEELING—Johnson, Geo. W. Sons
Nesbitt & Bro.

WISCONSIN.

GREEN BAY—Biersach & Niedermeyer, 220 5th
Gotfredson Bros. Hdw. Co.
MILWAUKEE—Frankfurth, Wm. Hdw. Co., 119 W Water

MILWAUKEE CORRUGATING CO. (See adv. index, end of book)
Pritzloff, Jno., Hardware Co., 33 W Water
Shadbolt & Boyd Iron Co., 129 W Water
SHEBOYGAN—Geele, F. Hdw. Co.

Tin Scrap (Buyers of)

AMERICAN CAN CO., 11 B'way, New York

Tin & Terne Plate Mfrs.

(See also Tin Plate Dipperies.)

Alcania Co., Murtland bldg, Pittsburg, Pa. Works, Avonmore, Pa.
AMERICAN SHEET & TIN PLATE Co., Frick bldg, Pittsburg, Pa. District Sales Offices: Battery Park bldg, New York; Rookery bldg, Chicago, Ill.; Union Trust bldg, Cincinnati, O.; Chemical bldg, St. Louis, Mo.; Ainsworth blk, Portland, Ore; Hennen bldg, New Orleans, La.; Denver, Col.; Union Trust bldg, Detroit, Mich., & Mills bldg, San Francisco, Cal. (See adv. below)
Atlanta Rolling Mill & Tin Plate Co., Atlanta, Ind.
Carnahan Tin Plate & Sheet Co. (& Black Sheets for Tin Plate), Canton, O.
Colorado Fuel & Iron Co., Denver, Col., & 71 B'way, N. Y.
Follansbee Bros. Co., Pittsburg, Pa.
Griffiths Charcoal Iron Mills, Washington, Pa.
Griffiths, W. H. Co., Waynesburg, Pa.
Licking Rolling Mill Co. (Also Black Plate), Covington, Ky.
McClure & Co., 301 Floest, Phila., Pa., & 211 2d av, Pittsburg, Pa. Works, Washington, Pa.
McKeesport Tin Plate Co. (Also Black Plates), McKeesport, Pa.
Pope Tin Plate Co., 421 Wood, Pittsburg, Pa.
Standard Tin Plate Co., Canonsburg, Pa.
Taylor, N. & G. Co., 410 Mariner, Phila., Pa., & 1123 B'way, N. Y. Black Plate Mills, Cumberland, Md.
Washington Charcoal Iron Tin Mills, Washington, Pa.
Waynesburg Forge Sheet & Tin Mill, Waynesburg, Pa.
Wheeling Corrugating Co., Wheeling, W. Va.; 47 Cliff, N. Y.; 45 Lake, Chicago, Ill.; 132 Pearl, Boston, Mass.; 402 Race, Phila., Pa.; 12th & Poplar, St. Louis, Mo., & Chattanooga, Tenn.

Tinners' Furnaces

(See Furnaces, Plumbers & Tinners'.)

Tinners' Supplies, Etc.

(See Tin Plate Metals, etc.; also Tin & Terne Plate Mfrs.; also Tin Plate Dipperies; also Solder Mfrs.; also Conductor Pipe Mfrs.; also Copper Mfrs., Sheet.)

Tinners' Wire Loops

WRIGHT WIRE CO., Worcester, Mass. (See adv. index, end of book)

Tinning & Japanning

Buffalo Galvanizing & Tinning Works, 79 Jackson, Buffalo, N. Y.
Buffalo Galvanizing & Tinning Works (Tinning Only), 79 Jackson, Buffalo, N. Y.
Canton Malleable Iron Co. (Tinning Only), Canton, O.
Cincinnati Stamping Co., 24 W McMicken av, Cincinnati, O.
Clark, Jno. W. (Japanning & Bronzing), Albany, N. Y.
Devlin, Thos. Mfg. Co., 3d & Lehigh av, Phila., Pa.
Dover Stamping & Mfg. Co., Cambridge, Mass.
Frazer & Jones Co., Syracuse, N. Y.
Illinois Malleable Iron Co. (Tinning Only), 30 W Monroe, Chicago, Ill.
Laughlin, Thos. Co. (Tinning Only), Portland, Me.
Lefferts Galvanizing & Tinning Works (Tinning Only), 508 E 20th, N. Y.
Ohio Foundry Co. (Japanning Only), Cleveland, O.
Racine Malleable & Wrought Iron Co., Racine, Wis.
STOWELL MFG. & FOUNDRY CO., S Milwaukee, Wis. (See adv. index, end of book)
Western Malleable & Grey Iron Mfg. Co. (Tinning Only), Milwaukee, Wis.
White Mountain Freezer Co. (Tinning & Galvanizing), Nashua, N. H.

Tinware Mfrs.

AMERICAN CAN CO., 11 B'way, New York
Central Stamping Co., 24 Cliff, New York
Geuber & Paeschke Mfg. Co. (Anti-Rust, also Enameled Galvanized & Japanned Hollow Ware), Milwaukee, Wis.
Lalance & Grosgean Mfg. Co., 19 Cliff, New York
National Enameling & Stamping Co., B'way & White, New York
Wallace, Jno. W. Co., 396 S 2nd, Brooklyn, N. Y.

Tipples (Mine)

Allis-Chalmers Co., New York Life bldg, Chicago, Ill., & 71 B'way, New York. Works: Chicago, Ill.; Milwaukee, Wis., & Scranton, Pa.
Brady Construction Co., Inc. (Coal Tipples), Fairmount, W. Va.
Helmick Foundry Machine Co., Fairmont, W. Va.
Heyl & Patterson (Coal, Steel), 51 Water, Pittsburg, Pa.
MINNEAPOLIS STEEL & MACHINERY Co. (Steel), Minneapolis, Minn. (See adv. index, end of book)

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PITTSBURGH, PA.

Monongahela Mfg. Co. ("Steel & Wood"), Monongahela, Pa.
Mullen, John & Son (Coal), Shamokin, Pa.
Nelsonville Foundry & Machine Co. ("Steel"), Nelsonville, O.
Niles Mine & Mill Supply Co. (Coal), Cleveland, O., & Niles, O.
Parker, Thrasher, A., Terre Haute, Ind.
Phillips Mine & Mill Supply Co., Pittsburg, Pa.
Power & Mining Machinery Co. (Steel, also Ore Trestles), 52 William, New York. Works, Cudahy, Wis.
SCAIFE, WM. B. & SONS CO. (Steel), 221 1st av, Pittsburg, Pa. (See adv. index, end of book)
SULLIVAN MACHINERY CO. ("Wilson & Mitchell"), 7 Jackson boul), Chicago, Ill. (See adv. index, end of book)
Wellman-Seaver-Morgan Co. (Steel), Cleveland, O., & Akron, O.
Williamsport Clutch & Pulley Co. (Coal Mine), Williamsport, Pa.

Tips (Acorn)

Gaynor & Mitchell Mfg. Co., Bridgeport, Conn.

Tips (Gas Burner)

Clough, Thos. (Steel), Dobb's Ferry, N. Y.
Kirchberger, M. & Co. (Importers, Lava), 50 Warren, New York
State Line Mfg. Co. (Lava), Chattanooga, Tenn.
Steward, D. M. Mfg. Co. (Lava), Chattanooga, Tenn.
Sunlight Lava Mfg. Co. (Lava), Chattanooga, Tenn.
Thurnauer, G. M. & Bro. (Importers, Lava), 35 Park pl, New York

Tips (Mine Car)

Grant Iron Works ("Wren's"), Mahanoy City, Pa.

Tips (Rubber)

Morgan & Wright (Inc.), (For Chairs, Canes, Crutch, etc.), 19 N May, Chicago, Ill.

Tips (Shaft)

Automatic Yoke Co., 81 E St. Clair, Indianapolis, Ind.
Buescher Mfg. Co., Elkhart, Ind.
Cleveland Hardware Co., Cleveland, O.
Covert's Saddlery Works, Farmers, N. Y.
Cowles, C. & Co., New Haven, Conn.
Racine Malleable & Wrought Iron Co., Racine, Wis.

Tire Fluid

Buffalo Specialty Mfg. Co. (The "Neverleak" & "Glines" Liquid Rubber & "Holdfast" Liquid Shellac Cement for Automobiles & Bicycles), 375 Ellicott, Buffalo, N. Y.

Tires (Rubber)

American Rubber Works Co. (Whalebone), New Brunswick, N. J.
Batavia Rubber Tire Co., Batavia, N. Y.
Boston Woven Hose & Rubber Co. (Bicycle) Executive Office & Factory, Cambridgeport, Mass. Stores: 116 Duane, New York; 185 Lake, Chicago, Ill.; Cleveland, O.; San Francisco, Cal., & Boston, Mass.
Calumet Tire Rubber Co., Chicago, Ill.
Consolidated Rubber Tire Co. ("Kelly-Springfield"), Akron, O., & 40 Wall, N. Y.
Consumers' New York Rubber Tire Co. (Solid), 144 W 39th, N. Y.
Continental Rubber Works, Erie, Pa.
Empire Rubber Mfg. Co. (Bicycle, etc.), Trenton, N. J., & 60 Reade, New York
Fisk Rubber Co. (Detachable), Chicopee Falls, Mass.
G. & J. Tire Co., Indianapolis, Ind.
Goodrich, B. F. Co. (Automobile, etc.), Akron, O.
Goodyear Tire & Rubber Co. (Carriage, Automobile & Bicycle), Akron, O.
Hamilton Rubber Co., Trenton, N. J.
Hartford Rubber Works Co. (Pneumatic & Solid Vehicle), Hartford, Conn., & 136 Lake, Chicago, Ill.
India Rubber Co., Akron, O.
International Automobile & Vehicle Tire Co. (Automobile, Bicycle & Carriage), Milltown, N. J.; 346 B'way, N. Y., & 435 Wabash av, Chicago, Ill.
International Rubber Mfg. Co. (Solid Carriage), Jersey City, N. J.
Kokomo Rubber Co., Kokomo, Ind.
Lake Shore Rubber Co. (Bicycle), Erie, Pa.
Manhattan Rubber Mfg. Co., 18 Vesey, N. Y., & Passaic, N. J.
Meeker Mfg. Co., Dayton, O.
Metallic Rubber Tire Co., 210 Centre, N. Y.
Morgan & Wright (Inc.), (Baby Carriage, etc.), 19 N May, Chicago, Ill.
Munger Automobile Tire Co., Trenton, N. J.
N. Y. Belting & Packing Co., Ltd. (Carriage & Automobile), 91 Chambers, New York
Oneida Rubber Tire Works (Automobile, etc.), Oneida, N. Y.
Penna. Rubber Co. (Automobile, Vehicle, etc.), Jeannette, Pa., & 127 Duane, N. Y.
Penna. Rubber Tire Co., Reading, Pa.
Republic Rubber Co., Youngstown, O.
Rubber Tire Wheel Co., Springfield, O.
Standard Anti-Friction Equipment Co. ("Be-No-La"), 144 W 39th, N. Y.
Stein Double Cushion Tire Co. (Double Cushioned), Akron, O.
Stokes, Jos. Rubber Co. (Bicycle, etc.), Trenton, N. J.
Strohecker, J. A. & Co., Reading, Pa.
Sweet Tire & Rubber Co., Batavia, N. Y.
Victor Rubber Tire Co., Springfield, O.
WHITMAN & BARNES MFG. CO. ("W & B" & "Norka" Bicycle, Baby Carriage & Velocipede), West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)

Tires (Steel)

American Steel Hoop Co., Carnegie bldg, Pittsburg, Pa.
Chester Steel Castings Co., Chester, Pa.; 407 Sansom, Phila., Pa.
Cambria Steel Co., Johnstown, Pa., Arcade bldg, Phila., Pa., & 71 B'way, New York
Carnegie Steel Co., Pittsburg, Pa.
Crucible Steel Co. of America, Frick bldg, Pittsburg, Pa.; 71 B'way, N. Y., & 64 S Clinton, Chicago
Illinois Steel Co., The Rookery, Chicago, & 71 B'way, N. Y.
Latrobe Steel Co., Girard bldg, Phila., Pa.
Lorain Steel Co. (Car & Locomotive), Lorain, O., & Johnstown, Pa.
Midvale Steel Co. (Car & Locomotive), Nicetown, Phila., Pa.; 100 B'way, N. Y.; Old Colony bldg, Chicago, & San Francisco, Cal.
Mowry Car Wheel Works Co., 2401 Eastern av, Cincinnati, O.
Old Dominion Iron & Nail Works Co. (Round Edge), Richmond, Va.
Prosser, Thos. & Co. (The Krupp), 15 Gold, N. Y.
Republic Iron & Steel Co. (Half Oval, etc.), General Offices: 1st Nat'l Bank bldg, Chicago; District Sales offices: Buffalo, Cleveland, O.; Birmingham, Ala.; 64 B'way, N. Y.; St. Louis; St. Paul; Pittsburg, Pa., & Cincinnati, O.
Sheffield Car Co., Three Rivers, Mich.
Standard Steel Works (Car & Locomotive), 1502 Market, Phila., & Burnham, Pa.
Sweet's Steel Co., Williamsport, Pa.

Toboggan Slides

Ingersoll Construction Co., 307 4th av, Pittsburg, Pa.

Toboggans

Champlain Mfg. Co., Burlington, Vt.

Toe-Calks (Steel)

Burke, P. F., Dorr & Dorcester av, S. B., Boston, Mass.
Franklin Steel Works (The Standard), 447 Dorchester av, Boston, & Joliet, Ill.
Sweet's Steel Co., Williamsport, Pa.
Western Automatic Machine Screw Co., Elyria, O.

Tongs (Blacksmiths')

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of end)
Evansville Tool Works, Evansville, Ind.
Solid Steel Tool & Forge Co. ("S. T. S."), Farmers' Bank bldg, Pittsburg, Pa.
Vaughan & Bushnell Mfg. Co., 875 Carroll av, Chicago

Tongs (Bull)

Harrow Spring Co., Kalamazoo, Mich.

Tongs (Carbon)

Billings & Spencer Co., Hartford, Conn.

Tongs (Chain)

ASHCROFT MFG. CO., THE ("Robins" Vulcan), 85, 87, 89 Liberty, New York & 22, 24, 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.
Dunne, Geo. W. & Co. ("Robbins"), 689 Carroll av, Chicago, Ill.

Tongs (Charging)

Brass Founders Supply Co. (For Brass Fdrs.), Newark, N. J

Tongs (Cross Tie)

Pittsburg Tool & Drop Forge Co. ("Cheswick"), Arrott bldg, Pittsburg, Pa. Works, Cheswick, Pa.

Tongs (Crucible)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Brass Founders Supply Co., Newark, N. J.
Byram & Co., 435 Guion, Detroit, Mich.
Dicke Tool Co., Downers Grove, Ill.
NORTHERN ENGINEERING WORKS, Detroit, Mich. (See adv. index, end of book)
OBERMAYER, S. CO., 647 Evans, Cincinnati, O.; 18th & Rockwell, Chicago; Pittsburg; St. Louis; Detroit; Denver; Phila., Pa., & San Francisco, Cal. (See adv. index, end of book)
Power & Mining Machinery Co., 52 William, New York. Works, Cudahy, Wis.
SMITH, J. D. FOUNDRY SUPPLY CO., 40 S Water, Cleveland, O., & 2143 Central av, Cincinnati, O. (See adv. index, end of book)

Tongs (Girder)

Solid Steel Tool & Forge Co. ("S. T. S."), Farmers' Bank bldg, Pittsburg, Pa.

Tongs (Hog)

Pratt, Wm. E. Mfg. Co. (The Hill), 91 Lake, Chicago

Tongs (Ice)

Federal Mfg. Co., Elyria, O.
London Machinery Co. (Self Opening), Fairfield, Ia.
Morton, D. B., Groton, N. Y.
Parks & Parks ("Little Giant" for Domestic Use), Troy, N. Y.
Stevens, Benj. A., Toledo, O.
Stortz, Jno. & Son, 210 Vine, Phila., Pa.
Vaughan & Bushnell Mfg. Co., 875 Carroll av, Chicago
Wood, Wm. T. & Co., Arlington, Mass.

Tongs (Joist or Timber)

CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
Oshkosh Tool Mfg. Co. (For Hoisting Timbers, etc., Into High Buildings), Oshkosh, Wis.

Tongs (Machinsts')

Barnes Tool Co., New Haven, Conn.

Tongs (Pipe)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
ASHCROFT MFG. CO., THE ("Brown's, Adjustable, etc.), 85, 87, 89 Liberty, New York, & 22, 24, 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.
Barnes Tool Co., New Haven, Conn.
Billings & Spencer Co., Hartford, Conn.
Case, W. A. & Son, 31 Main, Buffalo, N. Y.
CRANE CO., Est. 1855, 10 N Jefferson, Chicago; New York, Philadelphia, St. Louis, Kansas City, Mo.; Sioux City, Omaha, Los Angeles, San Francisco, Portland, Ore. Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Harvey, H. H., 608 Atlantic av, Boston, Mass.
Hollands Mfg. Co., Erie, Pa.
Illinois Malleable Iron Co., 30 W Monroe, Chicago
Jarecki Mfg. Co., Erie & Pittsburg, Pa.
Knapp, Jas. M., 12 Bowker, Boston, Mass.
Osborne, C. S. & Co., 96 Mechanic, Newark, N. J.
Power Specialty Co. ("Diamond"), Detroit, Mich.
Rumsey & Co., Ltd. (Inc.) ("Brown"), Seneca Falls, N. Y.
Saunders', D. Sons, Yonkers, N. Y.
Stortz, Jno. & Son, 210 Vine, Phila., Pa.
Union Drop Forge Co. (Parts Only), 66 E Ohio, Chicago, Ill.
Urquhart's, Jno. S. Son & Co. (Dealers), 46 Cortlandt, New York

Tongs (Rail)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Atha Tool Co., Newark, N. J.
Byram & Co., 435 Guoin, Detroit, Mich.
Doble-Abner Co., 200 Fremont, San Francisco, Cal.
Evansville Tool Works, Evansville, Ind.
Harvey, H. H., 608 Atlantic av, Boston, Mass.
Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Iron City Tool Works (Ltd.), Pittsburg, Pa.
Oliver Iron & Steel Co., Pittsburg, Pa.
Pittsburg Tool & Drop Forge Co. ("Cheswick"), Arrott bldg, Pittsburg, Pa. Works, Cheswick, Pa.
Solid Steel Tool & Forge Co. ("S. T. S."), Farmers' Bank bldg, Pittsburg, Pa.
Union Drop Forge Co., 66 E Ohio, Chicago, Ill.
Verona Tool Works, Verona, Pa., & Pittsburg, Pa.

Tongs (Rivet)

Solid Steel Tool & Forge Co. ("S. T. S."), Farmers' Bank bldg, Pittsburg, Pa.

Tongs (Roofing)

Keene, Geo. C. & Co., 2327 Florence, Cincinnati, O.
MILWAUKEE CORRUGATING CO. (Jobbers), Milwaukee, Wis. (See adv. index, end of book)
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Peck, Stow & Wilcox Co., Southington, Conn., & 27 Murray, N. Y.
Stortz, Jno. & Son, 210 Vine, Phila., Pa.
West Mfg. Co., 374 7th, Buffalo, N. Y.

Tongs (Skidding)

(See Tools, Logging & Lumbermen's.)

Tongs (Stone Handling)

Lincoln Iron Works (For Handling Finished Work), Rutland, Vt.

Tongs (Tanners')

Horn, Wm. H. & Bro., 451 N 3d, Phila., Pa.

Tongs (Tie)

Solid Steel Tool & Forge Co. ("S. T. S."), Farmers' Bank bldg, Pittsburg, Pa.

Tool Bags (Linemen's)

Aschenbach, Henry A., 71 Warren, N. Y.
Dicke Tool Co., Downers Grove, Ill.
Galewski, Adolph, 90 Chambers, N. Y.
Humphrey's, R. A. Sons, 1022 Ridge av, Phila., Pa.
Klein, Mathias & Son, 87 W Van Buren, Chicago
Peddie, T. P. & Co., 77 St Francis, Newark, N. J.

Tool Bags (Plumbers')

Bernz, Otto, S. 13th cor S Orange av, Newark, N. J.
Galewski, A., 90 Chambers, N. Y.

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Keystone Drop Forge Works (Drop Forged), Chester, Pa.
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Tools (Artesian Well & Drilling)

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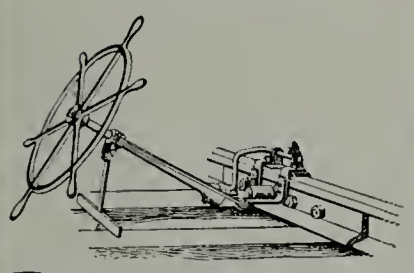
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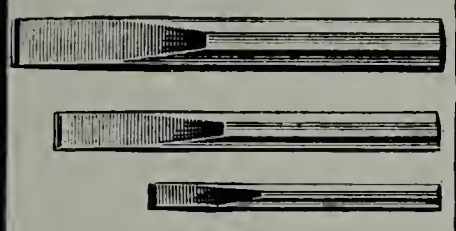
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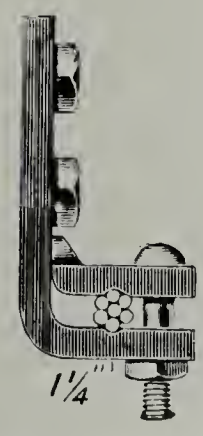
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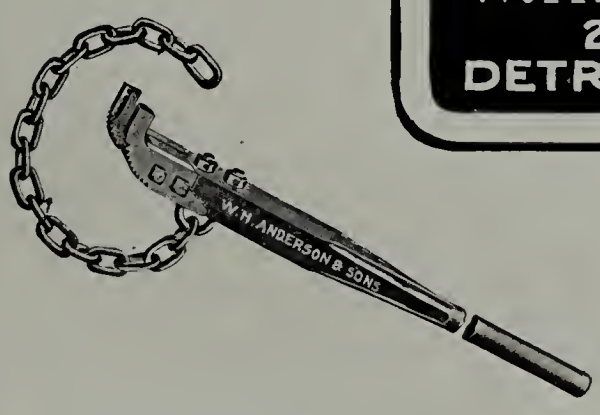
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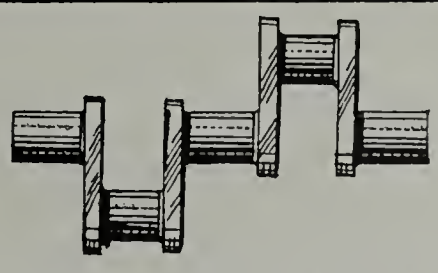
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Handlan-Buck Mfg. Co., 212 N 3d, St. Louis, Mo.

Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Iron City Tool Works, Pittsburg, Pa.
Isle, A. W. & Son, Boston, Mass.
Jones & Laughlin Steel Co. (Ltd.), Pittsburg, Pa.; 220 B'way, N. Y., & 30 W Lake, Chicago
Kinsey, E. A. Co., 331 W 4th, Cincinnati, O.
Klein, Logan Co., S 13th & Breed, Pittsburg, Pa.
MacPherson Switch & Frog Co., Niagara Falls, N. Y.
Motley, Green & Co. (Inc.), 68 Broad, N. Y.
Oliver Iron & Steel Co., Pittsburg, Pa.
Plumb, Fayette (Inc.), Frankford, Phila., Pa.
Sheffield Car Co., Three Rivers, Mich.
Solid Steel Tool & Forge Co. ("S. T. S."), Farmers' Bank bldg, Pittsburg, Pa.
Union Drop Forge Co., 66 E Ohio, Chicago, Ill.
Verona Tool Co., Verona, Pa., & Pittsburg, Pa.
Williams, J. H. & Co., 9 Richards, Brooklyn, N. Y.
Zelnicker, Walter A. Supply Co., St. Louis, Mo.

Tools (Riveting)

TERRY & TENCH CO. (Inc.), Lexington av & 131st, New York. (See adv. index, end of book)

Tools (Rock Drill Sharpening)

Evansville Tool Works, Evansville, Ind.

Tools (Roll Turning)

Trethewey, Sam'l & Co. (Ltd.), 47th nr Butler, Pittsburg, Pa.

Tools (Saddlery)

Horn, Wm. H. & Bro., 451 N 3d, Phila., Pa.

Tools (Scraping)

Strong Machine & Supply Co. (For Scraping Valves, Journals, Bearings, etc.), 2 Murray, New York

Tools (Screw Machine)

Brown & Sharpe Mfg. Co., Providence, R. I.
Pratt & Whiting Co., Hartford, Conn.

Tools (Sewer Contractors')

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)

Tools (Ship Carpenters')

(See also Adze Mfrs.; also Mallets; also Tools Calking.)

Bradley's G. W. Sons ("Horton"), Westport, Conn.

Tools (Shoemakers')

Horn, Wm. H. & Bro., 451 N 3d, Phila., Pa.

Tools (Slaters')

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Belden Machine Co., New Haven, Conn.
Flory, S. Mfg. Co., Bangor, Pa.
Galt, Jno. & Sons, 253 B'way, N. Y., & 95 Wash'n, Chicago, Ill.
Hower, J. K. (Also Slaters' Supplies), Danielsville, Pa., & Slatington, Pa.
Isele, A. W. & Son (Hammers, Cutters, Stakes, Scratching Bars, etc.), 51 Pitts, Boston
NIAGARA MACHINE & TOOL WKS., Buffalo, N. Y. (See adv. index, end of book)
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 27 Murray, N. Y.
Stortz, Jno. & Son (Hammers, Rippers, Stalkes, etc.), 210 Vine, Phila., Pa.

Tools (Tanners' & Curriers')

Baker, G. W. & Co., Wilmington, Del.
Horn, Wm. H. & Bro., 451 N 3d, Phila., Pa.

Tools (Telephone Construction)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)

Tools (Thread Cutting)

Armstrong Bros. Tool Co., 617 Austin av, Chicago
Armstrong Mfg. Co., Bridgeport, Conn.
Billings & Spencer Co., Hartford, Conn.
Faneuil Watch Tool Co., 1 Brooks Br., Boston, Mass.
Gould & Eberhardt, Newark, N. J.
Hart Mfg. Co., 22 Wood, Clevcland, O.
Kirkpatrick Saddle Co., Springfield, O.
Modern Tool Co., Erie, Pa.
Morse Twist Drill & Machine Co., New Bedford, Mass.
Pratt & Whitncy Co., Hartford, Conn.
Rivett-Dock Co., Boston, Mass.
Rogers, John M. Boat Gauge & Drill Works, Glouccster City, N. J
Stevens, J. Arms & Tool Co., Chicopee Falls Mass
Tucker, W. W. & C. F., 302 Asylum, Hartford Conn.
Walworth Mfg. Co., 132 Federal, Boston, Mass
Western Tool & Mfg. Co. ("Champion"), Springfield, O.

Tools (Toy)

Wrightsville Hardware Co., Wrightsville, Pa.

Tools (Turpentine)

Barney-Cavanagh Hdw. Co., Mobile, Ala.
Bradley's, C. W. Sons, Westport, Conn.
Evansville Tool Works, Evansville, Ind.
Warren Axe & Tool Co., Warren, Pa.

Tools (Valve Facing)

Draper Mfg. Co. ("Globe" & "Jenkins"), Port Huron, Mich.

Tools (Walk Cleaning)

Continental Tool Co., Frankfort, N. Y.
Iowa Farming Tool Co., Ft. Madison, Ia.

Tools (Watchmakers' & Jewelers')

Fanueil Watch Tool Co., Brighton, Boston, Mass.
Gesswein, F. W. Co., 39 John, N. Y.
Hardinge Bros., 1036 Lincoln av, Chicago, Ill.
Job, F., Wilkesbarre, Pa.
Koch, Alfred S., Lancaster, Pa.
McWilliams Mfg. Co., Providence, R. I.
Mann, Chas. A., Providence, R. I.
Oliver, W. W. Mfg. Co., 1483 Niagara, Buffalo, N. Y.
Standard Machinery Co., Providence, R. I.
Stehman & Coho Mfg. Co., Lancaster, Pa.
Thurston Mfg. Co., Providence, R. I.
Waltham Watch Tool Co., Springfield, Mass.

Tops (Pole)

Adams & Westlake Co., Ontario & N Franklin, Chicago; 2042 N 10th, Phila., Pa., & 26 Cortlandt, N. Y.
Anderson, Albert & J. M. Mfg. Co., 287 A, Boston
ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Cutter, Geo. Co., 129 Fulton, Chicago, Ill.
Electric Ry. Equipment Co., 431 D Front, Cincinnati, O.
Therien Tool Works, 116 1st av, N., Minneapolis, Minn.

Torches (Alcohol)

A. D. Mfg. Co. (Romeyn), Detroit, Mich.
Clayton & Lambert Mfg. Co., Detroit, Mich.
Climax Mfg. Co., Waltham, Mass.
Holland, Wm., 54 S Clinton, Chicago, Ill.
Knapp Mfg. Co., 22 Frankfort, N. Y.
Osborne, C. S. & Co., Newark, N. J.
Turner Brass Works ("Wilson"), 69 N Franklin, Chicago, Ill.
Vallee Bros. Electrical Co., 625 Arch, Philadelphia, Pa.
White Mfg. Co., 192 Michigan, Chicago, Ill.

Torches (Electric)

Bogart, A. L., 123 Liberty, N. Y.
Electric Contract Co. (Portable, for Plumbers), 202 Centre, New York

Torches (Factory) Acetylene

MacLeod, Walter & Co. (Oil or Gasoline), 463 E Front, Cincinnati, O.
Wilson, F. Cortez & Co., 239 Lake, Chicago

Torches (Factory & Mine)

Clayton & Lambert Mfg. Co. (Oil & Gasoline), Detroit, Mich.
Deverall Perfection Mfg. Co., Coney Island av Johnson pl, Brooklyn, N. Y.
Gem Mfg. Co. ("Gem"), Pittsburg, Pa.
Wall, P. Mfg. Co. (Brazed Steel), Alelgheny, Pa.

Torches, (Gasoline, Etc.)

Akron Mfg. Co., Akron, O.
Bernz, Otto ("Vulcan Galloway"), S 13th cor S Orangc av, Newark, N. J.
Best Steel Light Co., Canton, O.
Bridgeport Brass Co., Bridgeport, Conn., & 19 Murray, N. Y.
Clayton & Lambert Mfg. Co., Detroit, Mich.
Dangler Stove & Mfg. Co., 365 Perkine av, Cleveland, O.
Globe Gas Light Co., 77 Union, Boston, Mass.
Hydro-Carbon Burner Co. ("Khotal"), 197 Fulton, N. Y.
Mac Leod, Walter & Co., 463 E Front, Cincinnati, O.
Phillips & Harmon, Northville, Mich.
Schneider & Trenkamp Co., Cleveland, O., & 62 S Canal, Chicago
Smith, Chas. G. (Gasoline, etc.), 352 Pearl, New York
Standard Lighting Co., Cleveland, O.
Turner Brass Works (Hand), 62 N Franklin, Chicago, Ill.
White Mfg. Co. ("Hot Blast," Wall), 192 Michigan, Chicago, Ill.

Torches (Gasoline Blow)

A. D. Mfg. Co. ("Romeyn"), Detroit, Mich.
Acorn Brass Mfg. Co., 51 N Peoria, Chicago, Ill., & St. Louis, Mo.
American Stove Co., St. Louis, Mo.
Best Street Light Co., Canton, O.
Bernz, Otto, S 13th cor S Orange av, Newark, N. J.
Boekel, Wm. & Co., 518 Vine, Philadelphia, Pa.
Bridgeport Brass Co. ("Vulcan," "Queen"), Bridgeport, Conn.
Clayton & Lambert Mfg. Co., Detroit, Mich.
Climax Specialty Co., Seneca Falls, N. Y.
Gefrorer, C. & Son, 248 N 8th, Philadelphia, Pa.
Gleason, E. P. Mfg. Co., 20 W Houston, N. Y.
Globe Brass Works, 13 Macomb, Detroit, Mich.
Globe Light & Heat Co., ft Orlcans, Chicago, Ill.
Holland, Wm., 54 S Clinton, Chicago, Ill.
Hull, J. S. Mfg. Co., 125 E Falls, Baltimore, Md.
Hydrocarbon Burner Co., 197 Fulton, N. Y.
Knapp Mfg. Co., 22 Frankfort, N. Y.
MacLeod, Walter & Co. ("Buckeye"), 463 Front, Cincinnati, O.
Reserve Foundry & Mfg. Co., 1302 Euclid av, Cleveland, O.

Roberts, H. C. Electric Supply Co., 831 Arch, Philadelphia, Pa.
Schneider & Trenkamp Co., 479 Cass av, Cleveland, O.
Smith, Chas. G. (Plumbers), 352 Pearl, New York
Sun Vapor Street Light Co., Canton, O.
Turner Brass Works ("Mogul," "Laboratory," "Jewell," "Pocket," "King" and "Old Reliable"), Franklin & Michigan, Chicago, Ill.
Union Heater Supply Co., Detroit, Mich.
Wellington Mfg. Co., 470 Cherry, N. Y.
White Mfg. Co. ("King," "Handy Andy," "Imperial," "Electric"), 192 Michigan, Chicago, Ill.

Torches (Gasoline Wall)

Knapp Mfg. Co. (Or Kerosene), 24 Frankfort, New York

Torches (Railroad Hand)

Akron Mfg. Co., Akron, O.
Gem Mfg. Co. ("Gem"), Pittsburg, Pa.
Knapp Mfg. Co. (Locomotive, etc.), 24 Frankfort, New York

Torches (Shop & Engine)

Dayton Malleable Iron Co. (Made Entirely of Malleable Iron), Dayton, O.
Deverell Perfection Mfg. Co., 36 Bridge, Brooklyn, N. Y.
Gem Mfg. Co. ("Gem"), Pittsburg, Pa.
Sands Mfg. Co. ("Sands," Steel Brazed), Market & Bayard, Allegheny, Pa.

Torpedoes

Acme Railway Signal & Mfg. Co., Peoria, Ill.
Backes, Michael Sons, Wallingford, Conn.
Bradford Torpedo Co., Bradford, Pa.
Clarendon Torpedo Co., Titusville, Pa.
Co-operative Torpedo Co., Montpelier, Ind.
Gibbons Torpedo Co., Bradford, Pa.
Granite Railway Signal Co., Bouquet & Granite av, Allegheny, Pa.
Hall, Ellis & Son, Oil City, Pa.
Harper, Mrs. Ann, Oil City, Pa.
Hume's Torpedo Co., Butler, Pa.
Hunt, Edmund S. & Sons, Weymouth, Mass.
Kuhn, J. R. Torpedo Co., Parkersburg, W. Va.
Marietta Torpedo Co., Marietta, O.
Milliken & French, Sistersville, W. Va.
Penna. Torpedo Co., Butler, Pa.
Producers Torpedo Co., Marietta, O.
Rock Glycerine Co. (Smokeless), Bradford, Pa., & Kent, Pa.
Western Railway Signal Co. (Railroad), Fostoria, O.
Wood Railway Signal Co., Fostoria, O.

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Backes, Michael Sons, Wallingford, Conn.
Hunt, Edmund S. & Sons, Weymouth, Mass.

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Acme Railway Signal & Mfg. Co., Peoria, Ill.
Backes, Michael Sons, Wallingford, Conn.
Columbia Fire Cracker Co., Bucyrus, O.
Crescent Appliance Co., Berea, O.
Granite Railway Signal Co., Allegheny, Pa.
Jackson's, Sam'l Sons, 1129 S 15th, Phila., Pa.
Ohio Fog Signal Co., Fostoria, O.
United States Railway Signal Co., Fostoria, O.
Western Railway Signal Co. (Red Fire), Fostoria, O.
Wood Railway Signal Co., Fostoria, O.

Towers (Cement Cooling)

United Iron Works Co., Springfield, Mo.

Towers (Chemical)

Bethlehem Foundry Co. (Grover & Gay Lussac & Broome Exhaust), South Bethlehem, Pa.

Towers (Steel)

(See Towers & Tanks, Water.)

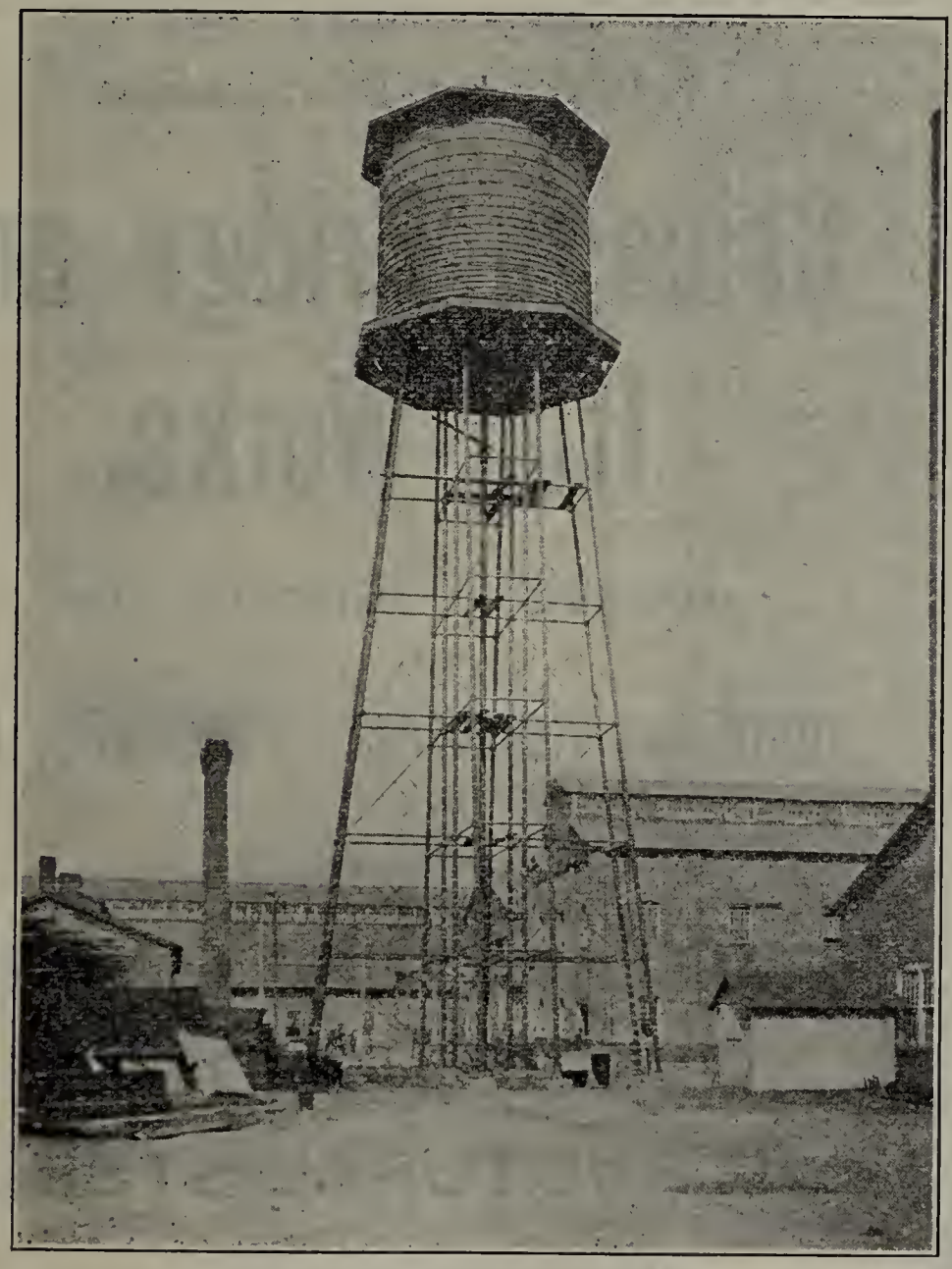
Towers (Water Cooling)

Alberger Condenser Co., 95 Liberty, N. Y.
International Steam Engineering Co. ("Jennison"), Atlanta, Ga., & 141 B'way, New York
Ruemmeli-Dawley Mfg. Co. ("Graders"), 3900 Choteau av, St. Louis, Mo.
Stocker, Geo. J. (Fanless), 2836 Victor, St. Louis, Mo.
United Water Works Co. (For Ice Plants), Springfield, Mo.
Wheeler Condenser & Engineering Co. ("Barnard"), 42 B'way, New York

Towers & Tanks (Water)

(See also Water Columns or Stations, Railroad, also Stand Pipes.)

American Bridge Co., 100 B'way, N. Y. Branch Offices & Works, Boston, Mass.; Buffalo, N. Y.; Baltimore, Md.; Columbus, O.; Chicago, Ill.; Canton, O.; Cleveland, O.; Denver, Col.; East Berlin, Conn.; Elmira, N. Y.; Milwaukee, Wis.; Minneapolis, Minn.; Philadelphia, Pa.; Pittsburg, Pa., & Rochester, N. Y.
Belmont Iron Works, 22d & Wash'n av, Phila., Pa.
Bogert & Carlough Co., Paterson, N. J.
Burhardt's, Geo. J. Sons, 2831 N Broad, Phila., Pa.
Butler Co., Butler, Ind.
CALDWELL, W. E. CO., Brandeis av & Brook, Louisville, Ky. (See adv. below)
Carroll-Porter Boiler & Tank Co., Pittsburg, Pa.



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Clinton Bridge & Iron Works, Clinton, Iowa
Cole, R. D. Mfg. Co., Newnan, Ga.
CYCLOPEAN IRON WORKS (Jones & Harold), 402-404 Claremont av, Jersey City, N. J. (See adv. index, end of book)
CYPRESS LUMBER TANK CO., Boston, Mass., & Apalachicola, Fla. (See adv. index, end of book)
Dempster Mfg. Co., Des Moines, Ia.
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louland; 103 Jefferson, Detroit; 519 Main, Louisville; 140 S Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Fleming Tank Co., 3115 Liberty, Pittsburg, Pa.
Flint & Walling Mfg. Co., Kendallville, Ind.
Freeman, S. & Sons Mfg. Co., Racine. Wis.
Jacobs, Chas. C. Bridge & Iron Works, Amboy, Ill.
Koven, L. O. & Bro., 50 Cliff, N. Y.
Lookout Boiler & Mfg. Co., Chattanooga, Tenn.
McClintic-Marshall Construction Co., Pittsburg, Pa., & Pottstown, Pa.
McNeil, Jas. & Bro. Co., Pittsburg, Pa.
Marcy, R. G. Mfg. Co., Bluffton, Ind.
Marseilles Mfg. Co.. Marseilles, Ill.
Maud's Windmill & Pump Co., Lansing, Mich.
MINNEAPOLIS STEEL & MACHINEry Co., Minneapolis, Minn. (See adv. index, end of book)
New England Tank & Tower Co., 8 Olive, Boston, Mass.
PETROLEUM IRON WORKS CO., Washington, Pa., & Farmers' Bank bldg, Pittsburg, Pa. (See adv. index, end of book)
Reeves Bros Co., Alliance, O.
Riter-Conley Mfg. Co., Pittsburg, Pa., & 39 Cortlandt, N. Y.
Rusling Co., 26 Cortlandt, N. Y.
ST. PAUL FOUNDRY CO., Como av & Topping, St. Paul, Minn. (See adv. index, end of book)
SCAIFE, WM. B. & SONS Co., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)
Schreiber, L. & Sons Co., Cincinnati, O.
Snow Mfg. Co., Batavia, Ill.
Standard Mfg. Co., Galesburg, Ill.
STEARNS, A. T. LUMBER CO., Neponset & 166 Devonshire, Boston, Mass. (See adv. index, end of book)
Tippett & Wood, Phillipsburg, N. J.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Variety Iron Works Co., Cleveland, O.
Warren City Boiler Works, Warren, O.
Woodmanse Mfg. Co., Freeport, Ill.

Toys (Iron)

Blacklock Foundry Co., So. Pittsburg, Tenn.
Columbia Grey Iron Co., Columbia, Pa.

Toys & Novelties

Austin & Craw, So. Norwalk, Conn.
Elitsac Mfg. Co., Castile, N. Y.
Gibbs Mfg. Co., Canton, O.
Harris Toy Co., Toledo, O.
Hawes, Jos. Mfg. Co., Towanda, Pa.
Hubley Mfg. Co. (Cast Iron), Lancaster, Pa.
Ideal Mfg. Co. (Cast Iron), 546 Franklin, Detroit, Mich.
National Novelty Co., Kalamazoo, Mich.
National Novelty Corporation (Iron), 826 B'way, New York

Tracing Cloth (Koh-i-noor)

Favor, Irving P., 49 Barclay, N. Y.

Tracing Cloth Powder

SOLTMANN, E. G. (Also everything for the Architect, Engineer & Draughting Room). (See adv. index, end of book)

Tracing Cloth & Paper

SOLTMANN, E. G. (Also everything for the Architect, Engineer & Draughting Room), 125 E 42d, N. L. (See adv. index, end of book)
Noll, E. P. & Co., 9 N 6th, Phila., Pa.
SPAULDING PRINT PAPER CO., 44 Federal, Boston, Mass. (See adv. index, end of book)
Vellum Paper Co. (Paper), San Francisco, Cal.

Track Cleaners (Street Railway)

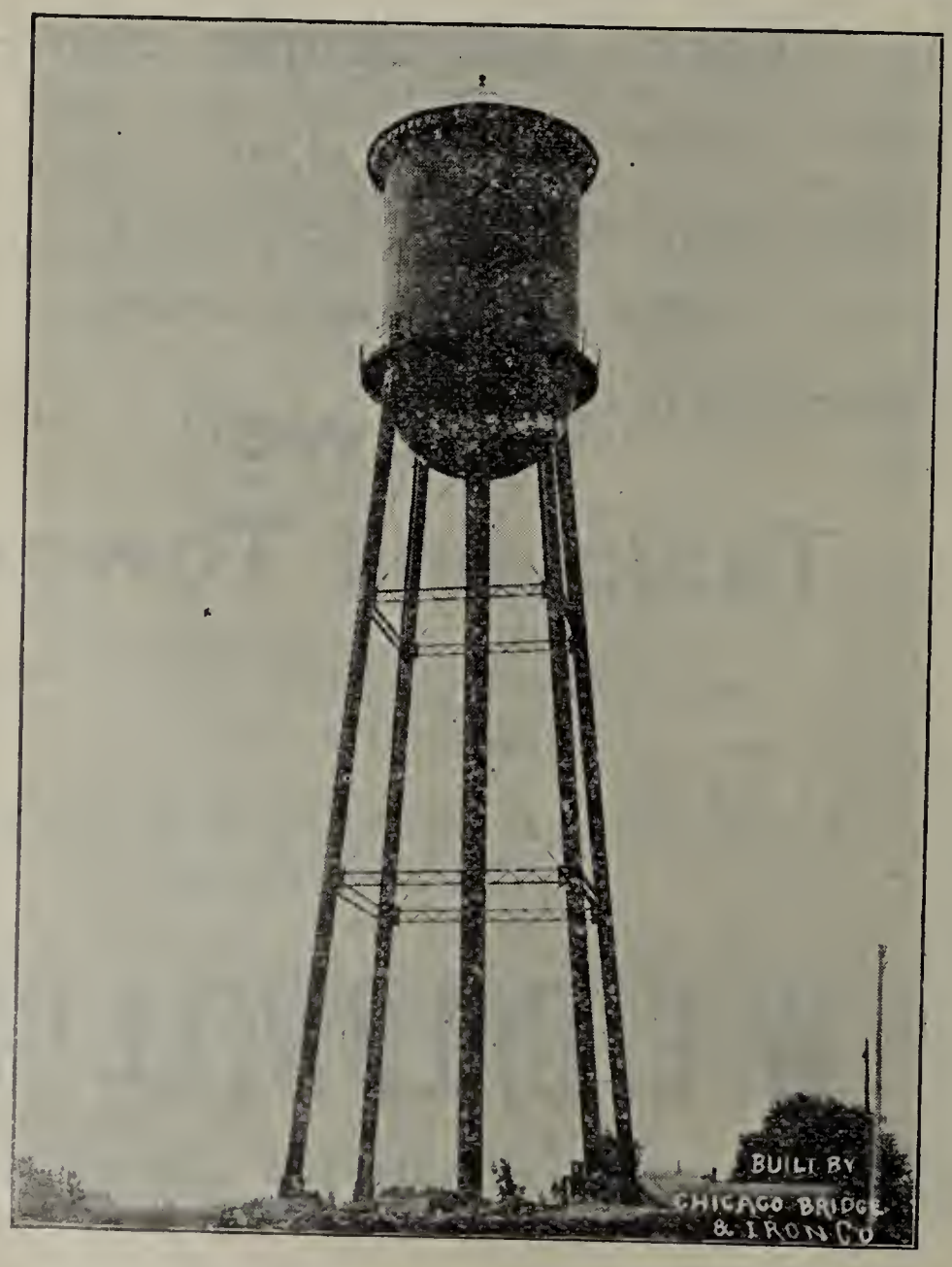
Van Dorn & Dutton Co., 1796 E Madison av, Cleveland, O.

Track Drills

(See Drills, Railway Track.)

Track Gauges

(See Gauges, Track.)



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(See Cars, Track Laying.)

Track Sanders

(See Locomotive Sanders.)

Track Scales

(See Scales, Track.)

Track Scrapers

(See Scrapers, Track.)

Track Sprinklers

(See Cars, Sprinkling, Street Railway.)

Track Tools

(See Tools, Railroad Track.)

*Tracking (Slaughter House)

Brecht, Gus. V. Butchers' Supply Co. (Overhead), 1201 Cass av, St. Louis, Mo.

Tracks (Hay Carrier)

Cambridge Rolling Mill Co. (Bessemer Steel), Cambridge, O.
Mason, F. C. & Co. (Steel), St. Johns, Mich.

Tracks (Portable)

(See Railways, Industrial & Portable.)

Tracks (Steel Highway)

Steel Highway Track Construction Co., Drexel bldg, Phila., Pa.

Train Rolls

Hogg, Geo. A. Iron & Steel Foundry Co., 24th & R. R. av, Pittsburg, Pa.
United Engineering & Foundry Co., Farmers' Bank bldg, Pittsburg, Pa.
Vulcan Foundry & Machine Co., New Castle, Pa.

Trammels

Athol Machine Co. (Extension Beam, etc.), Athol, Mass.
Sawyer Tool Co., Fitchburg, Mass.
Starrett, L. S. Co. (Extension Beam, etc.), Athol, Mass.

Tramways (Aerial)

(See Wire Rope Tramways.)

Tramways & Pulley Blocks for Cotton Mills

Cohoes Iron Foundry & Machine Co., Cohoes, N. Y.

Tramways & Trolleys

(See Trolleys & Trolley Tracks, Overhead.)

Transfer Ornaments (Car Ceiling)

MEYECORD CO. (Decalcomania"), Cham. of Com. bldg, Chicago, Ill. (See adv. below)
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Palm Bros. & Co., Cincinnati, O.
Palm-Fechteler & Co., 80 5th av, New York

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Transfer Tables (Electric, for Railroads)

NORTHERN ENGINEERING WORKS, Chene & Atwater, Detroit, Mich. (See adv. index, end of book)

Transformers

Aaron Electric Co., 141 S Clinton, Chicago, Ill.
Adams & Westlake Mfg. Co., Ontario & N Franklin, Chicago, Ill.; 2042 N 10th, Phila., Pa., & 26 Cortlandt, N. Y.
Brown & McLain, 143 Federal, Boston, Mass.
Bullock Electric Mfg. Co., E. Norwood, Cincinnati, O.
Central Electric Co., 266 5th av, Chicago, Ill.
Diamond Meter Co., Peoria, Ill.
Electric Appliance Co., 92 W Van Buren, Chicago, Ill.
Fort Wayne Electric Works, Ft. Wayne, Ind.
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, New York. (See adv. index, end of book)
Kuhlman Electric Co., Elkhart, Ind.
Lakon Co. (High Potential Testing & for Long Distance Transmission), Elkhart, Ind.
La Roche, F. A. Co., 658 Hudson, N. Y.
Louisville Electric Supply Co., 412 2d, Louisville, Ky.
MEYERCORD CO., Cham. of Com. bldg, Chicago, Ill. (See adv. index, end of book)
Moloney Electric Co., 425 N 2d, St. Louis, Mo.
NATIONAL ELECTRIC CO. (The "Ceco"), 1158 Milwaukee, Wis.
New York & Ohio Co. (The Packard), Warren, O.
Peerless Electric Co., Warren, O.
PHOENIX ELECTRIC MFG. CO., Mansfield, O. (See adv. index, end of book)
Pittsburg Transformer Co., Barker pl nr Penn av, Pittsburg, Pa.
Royal Electric Co., Peoria, Ill.
St. Louis Electrical Supply Co. (The Peerless). 1118 Pine, St. Louis, Mo.
Stanley Electric Mfg. Co., Pittsfield, Mass.
Van Dorn-Elliott Electric Co., Cleveland, O.
Vindex Co., Aurora, Ill.
Wagner Electric Mfg. Co., 2015 Locust, St. Louis, Mo
Warren Electric & Specialty Co. ("The Peerless"), Warren, O.
Western Electric Co., 259 S Clinton, Chicago, & 57 Bethune, N. Y.
WESTINGHOUSE ELECTRIC & MFG. Co., Pittsburg, Pa. District Offices: New York, Atlanta, Dallas, Baltimore, Boston, Buffalo, Chicago, Cincinnati, Cleveland, Detroit, Los Angeles, Minceapolis, New Orleans, Philadelphia, Pittsburg, St. Louis, Salt Lake City, San Francisco, Syracuse, Seattle, Denver, Mountain Electric Co., Canada; Canadian Westinghouse Co., Limited, Hamilton, Ontario; Mexico, G. & O. Braniff & Co.; City of Mexico. (See adv. index, end of book)
Wotten Electric & Mfg. Co. (Surgical Alternating Current), 52 Greenwood av, Atlanta, Ga.

Transformers (Static)

PHOENIX ELECTRIC MFG. CO., Mansfield, O. (See adv. index, end of book)

Translucent Fabrics

Translucent Fabric Co., Quincy, Mass.

Transom Lifts

Hine-Watt Mfg. Co., 60 Wabash av. Chicago, Ill.
Payson Mfg. Co., 1319 W Jackson boul, Chicago, Ill.
Reading Hardware Co., Reading, Pa.; 96 Reade, N. Y.; Phila., Pa., & Chicago, Ill.
Reading Screw Co. (Colton Self-Locking Push Button), Norristown, Pa.
Supplee Hardware Co., 503 Market, Phila., Pa.
YALE & TOWNE MFG. CO., 9 Murray, N. Y.; Phila., Pa.; Chicago, Ill.; Boston, Mass.; Stamford, Conn., & San Francisco, Cal. (See adv. index, end of book)

Transplanters (Tobacco)

Fuller & Johnson Mfg. Co., Madison, Wis.
McSherry Mfg. Co., Middletown, O.
Nagley Mfg. Co. (Onondaga Automatic for all kinds of Plants), Lyons, N. Y.
Stoddard Mfg. Co., Dayton, O.

Trap Rock

Bouker Contracting Co., 21 State, New York
Bound Brook Crushed Stone Co., Bound Brook, N. J.
Brown & Fleming Contracting Co., 129 Broad, New York
Conklin & Foss, Rockland Lake, N. Y., & 135 Front, New York
Connecticut Trap Rock Quarries, New Haven, Conn.
Cooke Stone & Ice Co., Plainville, Conn.
Dyer, Jno. T. Quarry Co., Norristown, Pa., & 15th & Market, Philadelphia, Pa.
Flynt, W. N. Granite Co., Monson, Mass.
Glen Mills Crushed Stone Co., 27 Chestnut, Phila., Pa., & Glen Mills, Pa.
Gray Bros. (Crushed), Hayward bldg, San Francisco, Cal.
Lane Construction Co., Meriden, Conn.
McKiernan & Bergin, Paterson, N. J.
Manhattan Trap Rock Co., 114 Liberty, New York
Middle Valley Trap Rock & Mining Co., Middle Valley, N. J.
Pierce, B. D., Jr., 122 Bank, Bridgeport, Conn.
Rockland Lake Trap Rock Co. (Crushed or Broken), 135 Front, New York, & Rockland Lake, N. Y.
Rocky Hill Stone Co., Hartford, Conn.
Rocky Hill Stone Storage Co., 44 Broad, N. Y.
Shanley, B. M. & J. F. Co., 14 S Broad, Philadelphia, Pa.; 26 Exch pl, Jersey City, N. J., & 867 Broad, Newark, N. J.
Spence Bros., 2923 Euclid av, Cleveland, O.
Tidewater Trap Rock Co., East Haven, Conn.
West Roxbury Trap Rock Co., Grove cor Centre, W. R., Boston, Mass.

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The only serviceable Name Plate to use. Requires no skill or appliances to put them on.

Traps (Back Water)

Miller Specialty Co. (and Cellar Drains), North Tonawanda, N. Y.

Traps (Bath & Basin)

A. D. Mfg. Co. (Nickel Plated), Detroit, Mich.
Crescent Mfg. Co. (Brass), Connellsville, Pa.
Ideal Mfg. Co. (Laboratory), 546 Franklin, Detroit, Mich.
Ireland & Matthews Mfg. Co. ("Boss"), Detroit, Mich.
Ohio Brass & Iron Mfg. Co., Cleveland, O.
Scully, W. J. Mfg. Co. (Scully Self-Cleaning), Detroit, Mich.
Sieben, Henry, 109 W 8th, Kansas City, Mo.
Sure Seal Trap Co. , "Nickel Plated Brass," 95 Pine, Providence, R. I.
Wolverine Brass Works, Grand Rapids, Mich.

Traps (Bell)

Barber Mfg. Co., Ashtabula, O.
Edwardsville Brass Co. (Brass), Edwardsville, Ill.

Traps (Bi-Metallic Plated)

American Shot & Lead Co., 319 N 4th, St. Louis, Mo.
LeRoy Shot & Lead Works, 261 Water, N Y.
United Lead Co., 71 B'way, New York

Traps (Gopher)

Falls Mfg. Co. ("Nox-All"), Dead Shot & Double Grip), San Francisco, Cal.

Traps (Grease)

Estabrook's, R. Sons, "Estabrook," "Boston," 204 1st, S. B. Boston, Mass.

Traps (Mole)

Chandler, D. G. & Co., Sylvania, O.

Traps (Railway, Steam)

Houghton, E. F. & Co. (Marck), 240 W Somerset, Phila., Pa.

Traps (Rat & Mouse)

Smith & Egge Mfg. Co., Bridgeport, Conn.
Sun Mfg. Co., Columbus, O.

Traps (Sewer Gas)

Albany Brass & Iron Co., Albany, N. Y.
Bailey-Farrell Mfg. Co., 3d av & Ross, Pittsburg, Pa.
Barrett, Jas. Mfg. Co., 215 Franklin, Boston, Mass.
Barry Mfg. Co., Muscatine, Ia.
Boston Brass Co., 36 Oliver, Boston, Mass.
Clarke, Robert, 98 Schermerhorn, Brooklyn, N.Y.
Climax Specialty Co., Seneca Falls, N. Y.
Connelly Specialty Works (The "Globe"), Non-Syphoning), 1071 Atlantic av, Brooklyn, N. Y.
Cudell, F. E., Cleveland, O.
Dececo Co., 146 High, Boston, Mass.
Detroit Sanitary Supply Co., 27 Jefferson av, Detroit, Mich.
Dubois, F. N. & Co. (Anti-Syphon Trap Vent), 245 9th av, New York
Goulds Mfg. Co., 16 Murray, New York, & Seneca Falls, N. Y.
Humphreys Mfg. Co., Mansfield, O.
Hydraulic Specialty Co., 427 Walnut, Phila., Pa.
Ideal Mfg. Co., 546 Franklin, Detroit, Mich.
Illinois Malleable Iron Co., 30 W Monroe, Chicago, Ill.
Iron Sanitary Mfg. Co., 52 Dearborn, Chicago
Jenkins Mfg. Co. ("Sanos"), Bloomfield, N. J.
King Mfg. Co., Watervliet, N. Y.
McCambridge & Co. (Ltd.), 527 Cherry, Philadelphia, Pa.
McShane, H. Mfg. Co., 41 North, Baltimore, Md.
Mott, J. L. Iron Works, 88 Beekman, New York;
Northwestern Foundry & Supply Co. (Cast Iron), Orleans nr Grand boul, Detroit, Mich.
Ohio Brass & Iron Mfg. Co., 1199 Franklin av, Cleveland, O.
Park & McKay Co., 55 Bagley, Detroit, Mich.
Providence Steam Trap Co. (Lead & Brass), 16 Diamond, Providence, R. I.
Ronalds & Johnson Co., 51 Boerum pl, Brooklyn, N. Y.; 54 Cliff, New York, & 139 N 7th, Phila., Pa.
Rumsey & Co., Ltd. (Inc.), Seneca Falls, N. Y.
Sanitas Mfg. Co., 48 Union, Boston, Mass.
Sproul & McGurrin, 37 S Division, Grand Rapids, Mich.
Standard Sanitary Mfg. Co., Arrott bldg, Pittsburg, Pa.
Sure Seal Trap Co. (Basin, Urinal, Bath, etc.), Providence, R. I.
Victor Excelsior Brass Works, 128 White, N. Y.
Wolff, L. Mfg. Co., 117 W Lake, Chicago, Ill.

Traps (Steam)

Acton, Jno. ("Old Reliable"), 118 John, Brooklyn, N. Y.
Albany Steam Trap Co., 60 Church, Albany, N. Y.
Aller, A., 47 Dey, N. Y.
American Blower Co., 1400 Russell, Detroit, Mich.
American District Steam Co. ("Holly," "Niagara" & "Empire"), Lockport, N. Y.
Anderson, V. D. Co. ("Anderson"), Cleveland, O.
ASHCROFT MFG. CO., THE ("McCracken Royle"), 85, 87, 89 Liberty, New York, & 22, 24, 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.
Bayley, Wm. & Sons Co., 732 Greenbush, Mil-
Belfield, H. & Co,, 435 N Broad, Phila., Pa.
Berry Engineering Co., 610 Crosby, Chester, Pa.
Bickel, Fred L. ("Bickel," Float & Thermostatic), 1348 Palmer, Phila., Pa.
Bonar, Jas. & Co., Frick bldg, Pittsburg, Pa.
Bond, Chas., 520 Arch, Phila., Pa.
Boston Steam Specialty Co. (Ketchum), 168 Congress, Boston, Mass.
Bourdon Co. ("Rex"), 7 Pearl, Boston, Mass.
Brainerd Steam Trap Co. ("Brainerd"), Cham. of Com. bldg., Boston, Mass.
Bushnell Jno. S. Co., 126 Liberty, N. Y.
CRANE CO. Est. 1855. Chicago, New York, Philadelphia, St. Louis, Kansas City, Mo.; Sioux City, Omaha, Los Angeles, San Francisco, Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Davis, Geo. M. Regulator Co., 145 Milwaukee av, Chicago, Ill.
Davis, Jno. Co. ("Eclipse"), 22d & Halsted, Chicago, Ill.
D'Este, Julian Co. ("Curtis"), 24 Canal, Boston, Mass.
Direct Seperator Co. ("Powers"), Syracuse, N. Y.
Dunham, C. A. Co. ("Dunham," Drain Valve & Steam Trap), Marshalltown, Ia.
Eureka Iron Co., 16 N Canal, Chicago, Ill.
Exeter Machine Works, Exeter, N. H., & 32 Oliver, Boston, Mass.
Eynon-Evans Mfg. Co., 1519 Clearfield, Philadelphia, Pa., & 107 Liberty, New York
Flinn, R. J., W Roxbury, Mass.
Ford, Thos. P. Co. (Compound), 81 Centre, N. Y.
Foskett & Bishop Co., New Haven, Conn.
Funke, F. Steam Trap Co., 526 Commerce, Milwaukee, Wis.
Glenn Mfg. Co. ("Nason & Standard"), St. Charles, Ill.
Griffing, A. A. Iron Co., 449 Communipaw av, Jersey City, N. J.
Glover Bros. (Jno. Glover), Paul & Vandike, Frankford, Philadelphia, Pa.
Haines, Wm. S. Co., ("Heintz"), 136 S 4th, Philadelphia, Pa.
Handy Trap Co. ("Handy"), 639 Arch, Phila., Pa.
Harrison Safety Boiler Works (The Flinn), Philadelphia, Pa.
Hawes, Geo. & Sons. 23 Dyer, Providence, R. I.
Hellos Mfg. Co. (The "Upton"), Peabody, Mass.; Kennedy bldg, Philadelphia, Pa., & 222 Fullerton av, Chicago, Ill.
Houghton, E.F. & Co. ("Marck", also Railway Traps), 240 W Somerset, Phila., Pa.
Hussey, McCann Co., 37 Dey, New York
Kelly & Jones ("Nason" Pattern), 135 Water, Pittsburg, Pa.; 15 Park Row, N. Y., & 59 Clark, Chicago, Ill. Works, Greensburg, Pa.
Kieley & Mueller ("Standard" and "Champion"), 7 W 13th, New York
Kitts Mfg. Co., Oswego, N. Y.
Klipfel & Thomas ("K. & T."), 74 W Lake, Chicago, Ill.
Lawlor Water Feed & Damper Regulator Co. ("Lawler's Empire & Monitor," "Lawler's Duplex & Return Trap), 181 Mercer, New York
Libby Mfg. Co. ("Century"), 147 Varick, N. Y.
Lindstrom, Jno. T., Allentown, Pa.
Locke Regulator Co., Salem, Mass.
Lonergan, J. E. & Co. ("Reliable"), 211 Race, Phila., Pa.
LUNKENHEIMFR CO., General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, N. Y., & 35 Great Dover st., S. E. London, England. (See adv. index, end of book)
McAuley Automatic Trap Co. ("McAuley" Automatic), Pittsburg, Pa.
McCrea, Jas & Co. ("H. H."), 67 W Wash'n, Chicago
McNab & Harlin Mfg. Co., 56 John, N. Y.
MONASH-YOUNKER CO. ("Mo-Yo- Co." & "Fidelity"), 203 S Canal, Chicago, Ill., & 43 Centre, New York. (See adv. index, end of book)
Nason Mfg. Co. ("Nason" & "Sidelug"), 71 Beekman, N. Y.
NATIONAL BLOWER WORKS, Mil- waukee, Wis. (See adv. index, end of book)
National Dry Kiln Co. ("National"), Indianapolis, Ind.
National Oil Burner & Equipment Co. (Inc.) ("Branch," Double Lever), Holland bldg, St. Louis, Mo.
Pearce Construction Co. (The Crescent), 269 Dearborn, Chicago, Ill.
Pratt & Cady Co., Hartford, Conn.
Providence Steam Trap Co., 16 Diamond, Providence, R. I.
Reliable Engineering Co., Duluth, Minn.
Reliance Gauge Column Co. ("Reliance"), 74 E Prospect, Cleveland, O.
Roberts, Geo. I. & Bro., 471 4th av, New York
Rutzler, E. (Automatic), 178 Centre, New York
Schaffer & Budenberg Mfg. Co., Main Office & Works, 10 Division, Brooklyn, N. Y.; 15 W Lake, Chicago, Ill., & 66 John, New York
Schutte, L. & Co. ("Watson-Mueller"), 1251 N 12th, Philadelphia, Pa.
Scranton Steam Pump Co. ("Lippincott"), Scranton, Pa.
Standard Steam Specialty Co. ("Sirius"), 542 W. B'way, New York
STURTEVANT, B. F. C., Hyde Park, 34 Oliver, Boston, Mass.; 131 Liberty, New York; 281 S Clinton, Chicago, Ill.; 135 N 3d, Philadelphia, Pa., & 147 Queen Victoria st, London, England. (See adv. index. end of book)
Thorpe, Platt & Co. (Geipel's), 97 Cedar, N. Y.
Tompkins, D. A. Co. (Mfrs.), Charlotte, N. C.
Van Auken-Chlvauc Co. ("Clevauc"), Yonkers, N. Y.
Walworth Mfg. Co., 132 Federal, Boston
Watson & McDaniel Co. ("McDaniel," "Reliable," "Chapman," "Columbia"), 146 N 7th, Philadelphia, Pa.
Watts Regulator Co., Lawrence, Mass.
Western Tube Co., Kewanee, Ill.
Western Valve Co., 43 W Randolph, Chicago
Williams Gauge Co. ("Williams"), Pittsburg, Pa.
Wolf, Fred. W. Co. ("Acme"), 141 Rees, Chicago, Ill.
Wright Mfg. Co. ("Wright Emergency" & "Victor" Low Pressure), 99 W Woodbridge, Detroit, Mich.

Traps (Waste)

Sure Seal Trap Co. (Inc.) "Non-Syphon," 95 Pine, Providence, R. I.

Trays (Brass)

Knapp Mfg. Co. (Bar, Candy, etc.), 24 Frankfort, New York

Treadles (Foot Power)

Slotkin & Praglin (for Light Machinery, etc.). 210 Canal, N. Y.

Treads (Car Step)

Universal Safety Tread Co., 45 B'way, N. Y.

Treads (Power)

Gonwanda Agricultural Works Co. (Dog or Sheep), Gowanda, N. Y.

Tree Guards

(See Wire Workers)
(Also Wire Fence & Gates)
(Also Iron Railings & Fences)

Trench Machines

(See Sewer Excavating Machines.)

Trestles (Steel Frame)

SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. index, end of book)

Triangles

Brown & Sharpe Mfg. Co. (Steel), Providence, R. I.
Disston, Henry & Sons (Inc.) (Steel), Tacony, Phila., Pa., & 75 Wash'n, Chicago, Ill.
Humason & Beckley Mfg. Co., New Britain, Conn
Kalamazoo Railway Supply Co. (Safety), Kalamazoo, Mich.
Smith, E. G. (German Silver), Columbia, Pa.
SOLTMANN, E. G. (Wood with Transparent Edges; also everything for the Architect, Engineer & Draughting Room). 125 E 42d, New York. (See adv. index, end of book)

Trimmers (Hedge)

American Axe & Tool Co., Glassport, Pa., & 253 B'way, New York

Trimmers (Lumber)

Allis-Chambers Co. Office, New York Life bldg, Chicago. Works, Chicago, Milwaukee & Scranton, Pa.
Clark Bros., Belmont, N. Y.
Cook, R. A., Stevens Point, Wis.
Curtis & Co. Mfg. Co., 2201 Wash'n av, St. Louis, Mo., & 42 S Canal, Chicago, Ill.
De Loach Mill & Mfg. Co., Atlanta, Ga.
Diamond Iron Works ("Wilkinson," "Diamond" & "Harmon"), Minneapolis, Minn.
FILER & STOWELL CO., Becher & Ziemer ,Milwaukee, Wis. (See adv. index, end of book)
Garland, M. Co. (Two Saw), Bay City, Mich.
Gordon Hollow Blast Grate Co. (The "Tower"), Greenville, Mich.
Henderson, W. K. Iron Works & Supply Co., Shreveport, La.
Howell, R. R. & Co., Minneapolis, Minn.
Lane Mfg. Co., Montpelier, Vt.
Link Belt Machinery Co., 39th & Stuart av, Chicago
Moltz, Jacob J., Williamsport, Pa.
Murray, D. J. Mfg. Co., Wausau, Wis.
Oliver Machinery Co. (the "Oliver"), Grand Rapids, Mich.
Phoenix Mfg. Co., Eau Claire, Wis.
Smith, Myers & Schnier Co., 621 W Front, Cincinnati, O.
Southern Engine & Boiler Works, Jackson, Tenn.
Standard Saw Mill Machinery Co., Erie, Pa.
Stearns Mfg. Co., Erie, Pa.
Tyler, J. L., Lynn, Mass.
Union Iron Works, Bangor, Me.
United States Machine Co., Williamsport, Pa.
Wheland Machine Works, Chattanooga, Tenn.
Wickes Bros., Saginaw, Mich.

Trimmers (Slate)

Ruggles Machine Co., Poultney, Vt.

Trimmers (Spoke)

Bonney Vise & Tool Works (Inc.), 3015 Chestnut, Phila., Pa.

Trimmers (Tree)

Klein, Mathias & Son, 87 W Van Buren, Chicago
Oshkosh Tool Mfg. Co., Oshkosh, Wis.

Trimmings (Furniture)

American Ring Co. (Metal Bedsteads), Waterbury, Conn.
Novelty Mfg. Co. (Metal), Waterbury, Conn.

Tripods (Drill)

INGERSOLL-SERGEANT DRILL CO., The, 26 Cortlandt, New York. Offices: Old Colony bldg, Chicago, Ill.; Williamson bldg, Cleveland, O.; Arcade bldg, Phila., Pa.; Park bldg, Pittsburg, Pa.; 77 Oliver, Boston, Mass.; Fullerton bldg, St. Louis, Mo.; 1718 California, Denver, Colo.; 21 Fremont, San Francisco, Cal.; 1918 Morris av, Birmingham, Ala.; 224 S. W. Temple, Salt Lake City, Utah; 300 Main, Butte, Mont.; 4th & Wacouta, St. Paul, Minn.; 310 First av, Seattle, Wash.; Corestine bldg, Montreal, Canada; Mexico City, Calle 2a de Dolores No. 20, Mexico D. F.; London, Eng., 114a Queen Victoria St; Paris, France, 51 Due de la Chausee D'Antin; Berlin, Germany, Kaiser Wilhelm Strasse 2; Sidney, N. S. W., 187 Clarence St,; Kal-Johannesburg, South Africa, P. O. Box 1809; Valparaiso, Chili, W. R. Grace & Co.; Lime, Peru; W. R. Grace & Co.; St. Petersburg, Russia, Troitzkaya 19. (See adv. index, end of book)

Tripoli

Cohutta Talc Co. (Miners & Refiners), Spring Place, Ga.
Doggett, Stanley (Mfrs'. Agt.), 101 Beekman, New York

Triturators

Coldwell-Wilcox Co., Newburgh, N. Y.

Trolley Brooms

(See Brooms, Trolley or Track.)

Trolley Ears

Columbia Machine Works & Malleable Iron Co., 169 Chestnut, Brooklyn, N. Y.
Creaghead Engineering Co., 313 Walnut, Cincinnati, O.
Hutchins, A. E., 1383 12th, Detroit, Mich.
Mayer & Englund, 1024 Filbert, Phila., Pa.
Ohio Brass Co., Mansfield, O.
Ohio Electric Specialty Mfg. (The Faulkner), Troy, Ohio

Trolley Harps or Forks

(See Trolley Line Materials.)

Trolley Line Materials

(See also Railway Supplies, Electric.)

American Bolt Co., Lowell, Mass.
American Union Electric Co., 15 Cortlandt, N. Y.
Anderson, Albert & J. M. Mfg. Co., 289 A, S Boston, Mass.
Billings & Spencer Co. (Drop Forged, etc.), Hartford, Conn.
Boston Electric Co., 29 Harrison av, Boston, Mass.
Brown & McLean, 141 Federal, Boston, Mass.
Central Electric Co. (Overhead), 264 5th av, Chicago
Central Union Brass Co. 11th & Mallanphy, St. Louis, Mo.
Columbia Machine Works & Malleable Iron Co., 167 Chestnut, Brooklyn, N. Y.
Creaghead Engineering Co., 313 Walnut, Cincinnati, O.
Detroit Shipbuilding Co. (Brass Dept.), Detroit, Mich.
Diamond State Steel Co., Wilmington, Del.
Economic Mfg. Co., "Trolley Harps, etc.," Springfield, O.
Electric Railway Equipment Co., 431 E Front, Cincinnati, O.
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, New York. (See adv. index, end of book)
International Specialty Co. (Harps or Forks, etc.), 218 Abbott, Detroit, Mich.
Keystone Drop Forge Works (Harps, etc.), Chester, Pa.
Kinsman Electric & Railway Supply Co., 91 Liberty, N. Y.
Johns, H. W. Manville Co., 100 William, N. Y.
Lang, J. Electric Co., 176 E Indiana, Chicago, Ill.
Macallen, W. T. Co., 338 Congress, Boston, Mass.
Mayer & Englund, 1024 FiFlbert, Phila., Pa.
Ohio Brass Co. (Overhead), Mansfield, O.
Post-Grover Electric Co., 314 W 4th, Cincinnati, Ohio
Star Brass Works, Kalamazoo, Mich.
Sterling-Meaker Co., 420 Ogden, Newark, N. J.
Stuart-Howland Co., 279 Devonshire, Boston, Mass.
Wallace Supply Co., 56 5th av, Chicago, & 26 Cortlandt, N. Y.
Western Electrical Supply Co., 7th & Clark av, St. Louis, Mo.

Trolley Pole Brackets

(See Brackets, Trolley Poles.)

Trolley Pole Catchers

(See Catchers, Trolley Pole.)

Trolley Poles

(See Poles, Iron & Steel Trolley.)
(Also Ties, Poles & Posts.)

Trolley Wheels

(See Wheels, Trolley.)

Trolleys & Trolley Tracks (Overhead)

Atlas Bolt Screw Co., Cleveland, O.
Bethlehem Foundry & Machine Co., S. Bethlehem, Pa.
Box, Alfred & Co., 813 N Front, Phila., Pa.
BROWN HOISTING MACHINERY CO., 1345 St. Clair, Cleveland, O., & 26 Cortlandt, N. Y. (See adv. index, end of book) (Geared & Plain Yoke Trolleys), Lake & Kirtland, Cleveland, O. (See adv. index, end of book)
Case Mfg. Co. (I Beam), Columbus, Ohio
CHISHOLM & MOORE MFG. CO. (Geared & Plain Yoke Trolleys), Lake & Kirtland, Cleveland, O. (See adv. index, end of book)
Coburn Trolley Track Mfg. Co., Holyoke, Mass.
Cohoes Iron Foundry & Machine Co., Cohoes, N. Y.

Curtis & Co., Mfg. Co. (Air Motor, Beam Trolleys, & Tunnison Beam Trolley Hoists, etc.), 2201 Wash'n av, St. Louis, Mo., & 42 S Canal, Chicago, Ill.
Dake Engine Co. (Pneumatic & Steam), Grand Haven, Mich.
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, New York. (See adv. index, end of book)
General Pneumatic Tool Co. (Electric & Pneumatic, Plain & Geared, I-Beam), Montour Falls, N. Y.
Harrington, Edw. Son & Co., 1515 Penn av, index, end of book)
M'CABE HANGER MFG. CO. (Eye Beam), 425 W 25th, New York. (See adv. index, end of book)
North Alabama Engineering Co., New Decatur, Ala.
N. J. FOUNDRY & MACHINE CO., 9 Murray, New York. (See adv. index, end of book)
NORTHERN ENGINEERING WORKS, Chene & Atwater, Detroit, Mich. (See adv. index, end of book)
Putnam & Co., 244 Water, N. Y.
Reading Crane & Hoist Co., Reading, Pa.
RICHARDS MFG. CO. ("Richards" Trolley Overhead Carriers), Aurora, Ill. (See adv. index, end of book)
SPEIDEL, J. G., cor. Buttonwood & Gordon, Reading, Pa. (See adv. index, end of book)
Stuebner, G. L., Long Island City, N. Y.
Whitehead & Kales Iron Works, Randolph & Franklin, Detroit, Mich.
WHITING FOUNDRY EQUIPMENT Co., Harvey, Ill. (See adv. index, end of book)
Wilcox Mfg. Co., Aurora, Ill.

Trowels

Arcade Mfg. Co. (Steel Garden, etc.), Freeport, Ill.
Atkins, E. C. & Co. (Plastering, etc.), Indianapolis, Ind.
Avery Stamping Co. (The Never Brake), Cleveland, O.
Clark, W. J. Co., (Garden, Brick, Plastering, etc.), Salem, O.
Disston, Henry & Sons (Inc.) (Garden, Brick, Plastering, etc.), Tacony, Phila., Pa., & 75 W. Wash'n, Chicago, Ill.
Humphrey, H. W. (Garden, etc.), Unionville, Conn.
Jackson Shovel & Tool Co. ("Gem," Garden, etc.), Montpelier, Ind., & Market & Randolph, Chicago, Ill.
Johnson, Wm. (Masons' & Garden), 249 Plane, Newark, N. J.
Knapp & Cowles Mfg. Co., Bridgeport, Conn.
Kohler, F. E. & Co. (Garden, etc.), Canton, O.
Landers, Frary & Clark, New Britain, Conn.
Lothrop, H. H. & Co., Sharon, Mass.
National Novelty Corp'n, 826 B'way, New York
National Saw Co. (Brick & Plastering), 15 River, Newark, N. J.
New York Stamping Co. ("Garden Primrose"), N 11th & Berry, Brooklyn, N. Y.
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 27 Murray, New York
Rose, Wm. & Bros., Sharon Hill, Pa.
Ross, A. M. & Co., Ilion, N. Y.
Stortz, Jno. & Son (Brick, Plastering, Pointing, Putty, etc.), 210 Vine, Phila., Pa.
Union Furnace Mfg. Co., "Mason & Garden," Morrell, Pa.

Trowels (Butter)

Landers, Frary & Clark (Inc.) (Also Butter Spades, etc.), New Britain, Conn.

Trowels (Molders)

(See Tools, Molders.)

Truck Bands (Rubber)

Boston Belting Co., Boston, Mass., & 100 Reade, N. Y.
Consolidated Rubber Co., Trenton, N. J.
Continental Rubber Works, Erie, Pa.
Empire Rubber Mfg. Co., Trenton, N. J.
Hamilton Rubber Co., Trenton, N. J,. & 60 Reade, N. Y.
Home Rubber Co., Trenton, N. J.; 17 La Salle, Chicago, & 80 Reade, N. Y.
Manhattan Rubber Co., 126 Duane, N. Y., & 96 Lake, Chicago, Ill.
Mechanical Rubber Co., 253 B'way, New York; 230 Randolph, Chicago, Ill., & Cleveland, O.
Morgan & Wright (Inc.), 19 N May, Chicago
N. J. Car Spring & Rubber Co., Jersey City, N. J.
New York Belting & Packing Co. (Ltd.), 25 Park pl, N. Y.; Kansas City, Mo.; St. Louis, Mo.; 150 Lake, Chicago, & San Francisco, Cal.
Republic Rubber Co., Youngstown, O.
United & Globe Rubber Mfg. Co., Trenton, N. J.
Whitehead Bros. Rubber Co., Trenton, N. J.
WHITMAN & BARNES MFG. CO., Akron, O.; 111 Chambers, N. Y., & West Pullman, Chicago, Ill. (See adv. index, end of book)

Trucks (Adjustable Clamp)

Miller Mfg. Co. ("Bryan" for Canners, Packers & Mfrs., etc.), Riverside, Cal.

Trucks (Automobile)

WHITING FOUNDRY & EQUIPMENT Co. (Gasoline Freight Motor Trucks, etc.), Harvey, Ill. (See adv. index, end of book)

Tracks (Bag Holder)

New Winona Mfg. Co. ("Gilbert"), Winona, Minn.

Trucks (Bag & Barrel)

Adams Co. (Iron), Dubuque, Ia.
Belcher & Taylor Agricultural Tool Co., Chicopee Falls, Mass.
Boston & Lockport Block Co., 160 Commercial, Boston, Mass.; 33 South, N. Y., & Lockport, N. Y.
Buffalo Scales Co., Buffalo, N. Y.
Clark, Geo. P. Co., Windsor Locks, Conn.
Comstock, Geo. S. (Bag), Mechanicsburg, Pa.
Fairbanks Co., 186 Elm, N. Y.; 701 Arch, Phila., Pa.; 44 Pearl, Boston; 19 Light, Baltimore; 64 B'way, Albany, N. Y.; 610 Canal, New Orleans; 210 Main, Buffalo, N. Y.; 238 3d av, Pittsburg, Pa.
Farquhar, A. B. Co. (Ltd.), York, Pa.
Foos Mfg. Co., Springfield, O.
Howe Scale Co., Rutland, Vt.; 341 B'way, N Y.; 433 Market, Phila., Pa., & 145 Franklin, Boston, Mass.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Wheelbarrow Co., Lansing, Mich.
Lehr Agricultural Co., Fremont, O.
McKinney, Marmon Co., Indianapolis, Ind.
Messinger Mfg. Co., Tatamy, Pa.
National Truck Co., 89 Beaver, N. Y.
Nordyke & Marmon Co., Indianapolis, Ind.
Nutting Truck Co. (2, 3, 4 & 6 Wheeled), Faribault, Minn.
Ohio Wringer Co., Springfield, O.
Phoenix Hardware Mfg. Co. ("Barrel only"), Homer, N. Y.
Richmond City Mill Works, Richmond. Ind.
Riehle Bros. Testing Machine Co., Phila., Pa.
Sprout, Waldron & Co. (Bag), Muncy, Pa.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Tatum, Samuel C. Co., Cincinnati, O.
Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
WARSAW ELEVATOR CO., Warsaw, N. Y., & Erie Co. Bank bldg., Buffalo, N. Y. (See adv. index, end of book)
Whitehurst, R. W. Co., Norfolk, Va.
Wrightsville Hardware Co., (Bag), Wrightsville, Pa.

Trucks (Baggage)

Ames Plow Co., Boston, Mass.
Boston & Lockport Block Co., 160 Commercial, Boston, Mass.; 33 South, New York, & Lockport, N. Y.
BUDA FOUNDRY & MFG. CO., Harvey, Ill. ,& Railway Exchange bldg, Chicago, Ill. (See adv. index, end of book)
BROWNING ENGINEERING CO., Cleveland,O. (See adv. index, end of book)
Buffalo Scale Co., Buffalo, N. Y.
Chicago Scale Co., 151 S Jefferson, Chicago
Clark, Geo. P. Co., Windsor Locks, Conn.
Fairbanks Co., 186 Elm, New York; 701 Arch, Phila., Pa.; 44 Pearl, Boston; 19 Light, Baltimore; 364 B'way, Albany, N. Y.; 610 Canal, New Orleans; 210 Main, Buffalo, N. Y.; 238 3d av, Pittsburg, Pa.
Farquhar, A. B. Co., York, Pa.
Howe Scale Co., Rutland, Vt.; 341 B'way, New York; 433 Market, Philadelphia, Pa., & 145 Franklin, Boston, Mass.
Kalamazoo Railway Supply Co. (Also Railroad Warehouse), Kalamazoo, Mich.
Lansing Wheelbarrow Co., Lansing, Mich.
Mersick, C. S. & Co., 286 State, New Haven, Conn.
National Truck Co., 89 Beaver, N. Y.
Nutting Truck Co., Fairbault, Minn.
Syracuse Chilled Plow Co., Syracuse, N. Y.
Phillips, Doup & Co., 56 Pearl, Brooklyn, N. Y.
Vicksburg Mfg. Co., Vicksburg, Mich.
WARSAW ELEVATOR CO., Warsaw, N. Y., & Erie Co. Bk. bldg, Buffalo, N. Y. (See adv. index, end of book)
Whitman Agricultural Co., 69 S. B'way, St. Louis, Mo.

Trucks (Basket)

Laminar Fibre Co., North Cambridge, Mass.
Nutting Truck Co., Faribault, Minn.
WARSAW ELEVATOR CO., Warsaw, N. Y., & Erie Co. Bank bldg., Buffalo, N. Y. (See adv. index, end of book)

Trucks (Binder & Header)

Adriance, Platt & Co. (Binder), Poughkeepsie, N. Y.
Burg Wagon Co. (Header), Burlington, Ia.
Fish Bros. Mfg. Co. (Header), Clinton, Ia.
Johnson Harvester Co. (Binder), Batavia, N. Y.
Moline Wagon Co. (Header), Moline, Ill.
Warder, Bushnell & Glessner Co. (Binder), Springfield, O.
Winona Wagon Co. (Header), Winona, Minn.

Trucks (Box)

Boston & Lockport Block Co., 160 Commercial, Boston, Mass.; 33 South, N. Y., & Lockport, N. Y.
City Forge & Iron Works ("Gem" made of Steel & Cast Iron Rubber Tires with or without Roller Bearings), Dayton, O.
Fairbanks Co., 186 Elm, N. Y.; 701 Arch, Phila., Pa.; 44 Pearl, Boston; 19 Light, Baltimore; 64 B'way, Albany, N. Y.; 610 Canal, New Orleans; 210 Main, Buffalo, N. Y.; 238 3d av, Pittsburg, Pa.
Farquhar, A. B. Co. (Ltd.), York, Pa.
Howe Scale Co., Rutland, Vt.; 341 B'way, N. Y.; 433 Market, Phila., Pa., & 145 Franklin, Boston, Mass.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Wheelbarrow Co., Lansing, Mich.
National Truck Co., 89 Beaver, N. Y.
Nutting Truck Co., Faribault, Minn.
WARSAW ELEVATOR CO., Warsaw, N. Y., & Erie Co. Bank bldg., Buffalo, N. Y. (See adv. index, end of book)

Trucks (Brick)

American Clay Working Machinery Co., Bucyrus, O., & Willoughby, O.
Arnold-Creager Co., New London, O.
Atlas Bolt & Screw Co., Cleveland, O.
Bayley, Wm. & Sons Co., 732 Greenbush, Milwaukee, Wis.
Davis-Price Foundry & Machine Co., New Cumberland, W. Va.
Fernholtz Brick Machinery Co., Boyle & Old Manchester avs, St. Louis
GREGG CO. (Ltd.), Newburg, N. Y. (See adv. index, end of book)
Horton Mfg. Co., Painesville, O.
Martin, Henry Brick Machine Mfg. Co., Lancaster, Pa.
Michigan Brick & Tile Machine Co., Morenci, Mich.
Potts, C. & A. & Co., Indianapolis, Ind.
Raymond, C. W. Co., Dayton, O.

Scott & Oliver Mfg. Co., Knoxville, Tenn.
Steele, J. C. & Son, Statesville, N. C.
Wellington Machine Co., Wellington, O.
Whitman Agricultural Co., 6900 S B'way, St. Louis, Mo.

Trucks(Car, Steam & Electric)

American Car Co. (Steam & Electric.), St. Louis, Mo.
American Car & Foundry Co., 706 Chestnut, St. Louis, Mo., & 71 B'way, N. Y.
American Steel Foundries, Main Office, 74 B'way, New York; Fisher bldg, Chicago, Ill.; St. Louis, Mo., & Frick bldg, Pittsburg, Pa.
American Steel Foundry Co. (Steel), 509 Olive, St. Louis, Mo.; 71 B'way, N. Y. Works, Granite City, Ill.
Baldwin Locomotive Works (Steam & Electric), 500 N Broad, Phila., Pa.
Baltimore Car Wheel Co. (Electric Only), Patterson av & Payson, Baltimore, Md.
Barney & Smith Car Co. (Steam & Electric), Dayton, O.
Bemis Car Truck Co. (Electric, etc.), Springfield, Mass., & 120 Liberty, N. Y.
Brill, J. G. Co. (Steam & Electric), 62d & Woodland av, Phila., Pa.
Brownell Car Co., 219 N B'way, St. Louis, Mo.
H. & 131 State, Boston, Mass.
Commonwealth Steel Co. (Cast Steel), Bank of Commerce bldg., St. Louis, Mo.
Dorner Truck & Foundry Co. (Electric Motor), Logansport, Ind.
Hammond, J. & Co. (Car, Electric Railway), San Francisco, Cal.
Kindl Car Truck Co. (Steam Car Trucks Only), 135 Adams, Chicago, Ill.
Laclede Car Co. (Steam & Street), 4500 N 2d, St. Louis, Mo.
Laconia Car Co. Works (Electric), Laconia, N. H. & 131 State, Boston, Mass.
Lorain Steel Co. (Electric Only), Lorain, O., & Johnstown, Pa.
McGuire-Cummings Mfg. Co. (Electric, etc.), 122 N Sangamon, Chicago, Ill.
Morris Electric Co. (Electric Car), 15 Cortlandt, N. Y.
Peckham Mfg. Co. (Steam & Electric), 26 Cortlandt, N. Y
Pressed Steel Car Co. (Pressed Steel, Freight & Engine Tender, etc.). Pittsburg, Pa.
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
St. Louis Car Co. (Steam & Electric), 8000 N B'way, St. Louis, Mo.
Sheffield Car Co. (Electric Motor), Three Rivers, Mich.
Standard Car Truck Co. (The Barber Roller Bearing Passenger Electric & Freight Car Locomotive Tender, etc.), Old Colony bldg., Chicago, Ill.
Standard Steel Car Co. (Steel Frames & Steel Underframes for Wooden Cars), Frick bldg., Pittsburg, Pa.; 170 B'way, N. Y. Works, Butler, Pa.
Stephenson, Jno. Co. (Electric & Street), Elizabeth, N. J.
Sterlingworth Railway Supply Co. (Rolled Steel for Steam Cars), North American bldg, Phila., Pa. Works, Easton, Pa.
Taylor Electric Truck Co. (Electric), Troy, N. Y.
Van Dorn & Dutton Co. (Electric), 1796 E. Madison av, Cleveland, O.
Wason Mfg. Co. (Steam & Electric), Springfield, Mass.

Trucks (Dry Kiln)

American Blower Co. 1400 Russell, Detroit, Mich.
GREGG CO. (Ltd.), Newburgh, N. Y. (See adv. index, end of book)
Peacock's Iron Works, Selma, Ala.
STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria St, London, Eng. (See adv. index, end of book)
Union Iron Works Co., Selma, Ala.

Trucks (Foundry)

Boston & Lockport Block Co., 160 Commercial, Boston, Mass.; 33 South, N. Y., & Lockport, N. Y.
BUDA FOUNDRY & MFG. CO., Har- vey, Ill., & Railway Exchange bldg, Chicago, Ill. (See adv. index, end of book)
GREGG CO. (Ltd.), Newburgh, N. Y. (See adv. index, end of book)
Jones & Laughlin Steel Co., Pittsburg, Pa.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
KOPPEL, ARTHUR, 68 Broad, New York, N. Y. (See adv. index, end of book)
Lansing Wheelbarrow Co., Lansing, Mich.
NORTHERN ENGINEERING WORKS, Detroit, Mich. (See adv. index, end of book)
PAXSON, J. W. CO., 1021 N Del av, Phila., Pa. (See adv. index, end of book)
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston, Mass; 281 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria St, London, Eng. (See adv. index, end of book)
WARSAW ELEVATOR CO., War- saw, N. Y., & Erie Co. Bank bldg., Buffalo, N. Y. (See adv. index, end of book)
Weiner Machine Works Co., Lebanon, Pa.
WHITING FOUNDRY EQUIPMENT Co., Harvey, Ill. (See adv. index, end of book)

Trucks (Hook & Ladder)

American-La France Fire Engine Co., 20 Warren, New York
Cooney, P. J. Mfg. Co., 900 Cass av, St. Louis, Mo.
Fire Extinguisher Mfg. Co., 325 S Desplaines, Chicago, Ill.
Perkins, C. U. Co., Lawrence, Mass.
Portland Ladder Co., 132 Orange, N. J.
Segrave Co., Columbus, O.
Stewart, A. F. & S. C., Rochester, N. Y.

Trucks (Ingot)

GREGG CO .(Ltd.), Newburgh, N. Y. (See adv. index, end of book)
Jones & Laughlin Steel Co., Pittsburg, Pa.
NORTHERN ENGINEERING WORKS, Detroit, Mich. (See adv. index, end of book)
Weimer Machine Works Co., Lebanon, Pa.
WHITING FOUNDRY EQUIPMENT Co., Harvey, Ill. (See adv. index, end of book)

Trucks (Logging & Lumber)

Atlas Bolt & Screw Co., Cleveland, O.
Bain Wagon Co., Kenosha, Wis.
Bayley, Wm. & Sons Co., 732 Greenbush, Detroit, Mich.
Boston & Lockport Block Co., 166 Commercial, Boston, Mass.; 33 South, N. Y., & Lockport, N. Y.
Chickasaw Iron Works, 98 2d, Memphis, Tenn.
Cole, T. C., Jr. & Co. (Stave Trucks & Lumber Buggies), Jonesboro, Ark.
Diamond Iron Works, Minneapolis, Minn.
Farmers' Handy Wagon Co., Saginaw, Mich.
Fish Bros. Wagon Co., Racine, Wis.
Georgia Car & Mfg. Co., Savannah, Ga.
GREGG CO. (Ltd.), Newburgh, N. Y. (See adv. index, end of book)
Knight Mfg. Co., Canton, Pa.
KOPPEL, ARTHUR, 68 Broad, New York. (See adv. index, end of book)
Kramer Wagon Co., Oil City, Pa.
Luedinghaus-Espenschied Wagon Co., 1713 N B'way, St. Louis, Mo
Michigan Wheelbarrow & Truck Co., Saginaw, Mich.
Mt. Vernon Car Mfg. Co., Mt. Vernon, Ill.
National Dry Kiln Co. (Steel Rolling Bearing Stave Bolt, Heading & Stave Trucks), Indianapolis, Ind.
North Alabama Engineering Co., New Decatur, Ala.
Peacock's Iron Works, Selma, Ala.
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
Sheffield Car Co., Three Rivers, Mich.
Southern Engine & Boiler Works (Inc.), Jackson, Tenn.
Standard Saw Mill Machinery Co., Erie, Pa.
Strait, H. N., Kansas City, Mo.
Towsley, John T. Mfg. Co., Evans n of Gest, Cincinnati, O.

Trucks (Pipe)

Fairbanks Co., 186 Elm, New York; 701 Arch, Phila., Pa.; 44 Pearl, Boston; 19 Light, Baltimore; 364 B'way, Albany, N. Y.; 610 Canal, New Orleans; 210 Main, Buffalo, N. Y.; 238 3d av, Pittsburg, Pa.
Y. (See adv. index, end of book)
KOPPEL, ARTHUR, 68 Broad, New York, N. Y. (See adv. index, end of book)
WARSAW ELEVATOR CO., Warsaw, N. Y., & Erie Co. Bank bldg., Buffalo, N. Y. (See adv. index, end of book)

Trucks (Rolling Mill)

(See also Trucks, Foundry.)

Atlas Bolt & Screw Co., Cleveland, O., & 29 B'way, New York
Boston & Lockport Block Co., 160 Commercial, Boston, Mass.; 33 South, New Lork, & Lockport, N. Y.
Fairbanks Co., 186 Elm, New York; 701 Arch, Phila., Pa.; 44 Pearl, Boston; 19 Light, Baltimore; 364 B'way, Albany, N. Y.; 610 Canal, New Orleans; 210 Main, Buffalo, N. Y.; 238 3d av, Pittsburg, Pa.
GREGG CO. (Ltd.), Newburgh, N. Y. (See adv. index, end of book)
Jones & Laughlin Steel Co. (Ltd.), Pittsburg, Pa.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Wheelbarrow Co., Lansing, Mich.
National Truck Co., 89 Beaver, N. Y.
NORTHERN ENGINEERING WORKS, Detroit, Mich. (See adv. index, end of book)
Co., Harvey, Ill. (See adv. index, end of book)
Spicer Mfg. Co., New Philadelphia, O.
Weimer Machine Works Co., Lebanon, Pa.
WHITING FOUNDRY EQUIPMENT Co., Harvey, Ill. (See adv. index, end of book)

Trucks (Sack Holder)

Ohio Wringer Co., Springfield, O.

Trucks (Slag)

Power & Mining Machinery Co. (Cast or Steel plate Bowl), 52 William, New York. Works, Cudahy, Minn.

Trucks (Store, Warehouse & Factory)

Arcade Mfg. Co., Freeport, Ill.
Armstrong Truck Co., 411 Cherry, Phila., Pa.
Atlas Bolt & Screw Co., Cleveland, O., & 29 B'way, New York
Belcher & Taylor Agl. Tool Co., Chicopee Falls, Mass.
Bogert & Carlough Co. (Steel), Paterson, N. J.
Boston & Lockport Block Co., 160 Commercial, Boston; 33 South, New York, & Lockport, N. Y.
Buffalo Scale Co., Scott, Miss., & Illinois, Buffalo, N. Y.
Chicago Scale Co., 292 Jackson, Chicago, Ill.
Clark, Geo. P. Co., Windsor Locks, Conn.
Day, J. H. & Co., Cincinnati, O.
Defiance Box Co., Defiance, Ohio
Dietz, Fred Co., 1102 Madison av, Indianapolis, Ind.

Fairbanks Co., 186 Elm, New York; 701 Arch, Phila., Pa.;44 Pearl, Boston; 19 Light, Baltimore; 364 B'way, Albany, N. Y.; 610 Canal, New Orleans; 210 Main, Buffalo, N. Y.; 238 3d av, Pittsburg, Pa.
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indianapolis; 8th & Clark av., St. Louis; 1217 Union av., Kansas City, Mo.; 234 E. 3rd, St. Paul; 220 Nicollet av., Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Oreg.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Farquhar, A. B. Co. (Ltd.), York, Pa.
Grand Rapids Hand & Screw Co., Grand Rapids, Mich.
Howe Scale Co., Rutland, Vt.; 341 B'way, New York; 433 Market, Philadelphia, Pa., & 145 Franklin, Boston, Mass.
Kilbourne & Jacobs Mfg. Co., Columbus, O.
Lansing Wheelbarrow Co., Lansing, Mich.
Leatheroid Mfg. Co. (Leatheroid), Kennebunk, Me., & 108 Lincoln, Boston, Mass.
McKinney Mfg. Co., Allegheny, Pa.
Messinger Mfg. Co., Tatamy, Pa.
Michigan Mfg. & Lumber Co., Holly, Mich.
Michigan Wheelbarrow & Truck Co., Saginaw, Mich.
Murray, D. J. Mfg. Co., Wausau, Wis.
National Truck Co., 89 Beaver, N. Y.
Nutting Truck Co., Faribault, Minn.
Puffer-Hubbard Mfg. Co., Minneapolis, Minn.
Putnam & Co., 244 Water, N. Y.
Schriver, O. P. & Co. ("I. X. L."), 208 Elm, Cincinnati, O.
Sidney Steel Scraper Co., Sidney, O.
Smith, I. L., Evansville, Ind.
Spicer Mfg. Co., New Philadelphia, O.
Syracuse Chilled Plow Co., Syracuse, N.Y.
Towsley, John T. Mfg. Co., Evans n of Gest, Cincinnati, O.
Tucker & Dorsey Mfg. Co., Indianapolis, Ind.
WARSAW ELEVATOR CO., Warsaw, N. Y., & Erie Co. Bank bldg., Buffalo, N. Y. (See adv. index, end of book)
Westbrooks, J. B. Foundry & Machine Co., Danville, Va.
Whitehurst, R. W. Co., Norfolk, Va.
Whitman Agricultural Co., 6900 S B'way, St. Louis, Mo.
Zering, H. Mfg. Co., 218 Charles, Cincinnati, O.

Trucks (Stove)

Arcade Mfg. Co., Freeport, Ill.
Mersick, C. S. & Co., 286 State, New Haven, Conn.
Schriver, O. P. & Co. (I. X. L.), 208 Elm, Cinciunati, O.
Tucker & Dorsey Mfg. Co. ("Daisy"), Indianapolis, Ind.

Trucks (Triangular)

Osborn Mfg. Co., 1331 Hamilton, Cleveland, O.

Trucks (Wire Mill)

Atlas Bolt & Screw Co., Cleveland, O.
Bates Machine Co., Joliet, Ill.
Fairbanks Co., 186 Elm, New York; 701 Arch. Phila., Pa.; 44 Pearl, Boston; 19 Light, Baltimore; 364 B'way, Albany, N. Y.; 610 Canal, New Orleans; 210 Main, Buffalo, N. Y.; 238 3d av, Pittsburg, Pa.
Turner, Vaughn & Taylor Co., Cuyahoga Falls, O.

Tryers (Butter & Cheese)

Humason & Beckley Mfg. Co. (Cast Steel), New Britain, Conn.

Tube Expanders

(See also Expanders, Tube.)

Ajax Mfg. Co., 848 Jackson, Allegheny, Pa.
Hayes Tool Co., 41 Cross, Portland, Me.
Kenney & Co. (Boiler), Scotdale, Pa.
Oswego Tool Co. (Dudgeon, McGraw's, Giles' & Tonkin), Oswego, N. Y.
Prosser, Thos. & Son, 15 Gold, New York

Tubes (Gas Engine)

Alliance Asbestos Mfg. Co. (Asbestos), Alliance, Ohio

Tubes (Grain-Drill)

Akron Machine Co., Akron, O.
Boston Belting Co., 256 Devonshire, Boston, Mass., & 100 Reade, N. Y.
Morgan Spring Co. (Wire), Worcester, Mass.
WHITMAN & BARNES MFG. CO. (Rubber), West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, N. Y. (See adv. index, end of book)

Tubes (Insulating)

(See Insulators. Also Conduits.)

Tubes (Mailing, etc.)

American Paper Tube Co., Woonsocket, R. I.
Brown, Jas. Jr. (Paper & Worsted Tubes & Cones), Main st., Manayunk, Pa.
Chicago Paper Tube & Can Co. (Paper for Mailing, Electrical Purposes, etc.), 20 N May, Chicago, Ill.
Detroit Paper Tube & Can Co. (Mailing, Tin End Cans, etc.), Detroit, Mich.
Elliott, A. G. & Co., 30 S 6th, Phila., Pa.
Pairpoint Corporation, New Bedford, Mass.
SOLTMANN, E. G. (For Mailing, Drawing, Pasteboard; also everything for the Architect, Engineer & Draughting Room), 125 E 42d, N. Y. (See adv. index, end of book)
Thompson & Norris Co., Prince & Concord. Brooklyn, N. Y.
Union Paper Co. ("Also Cans, Boxes, etc.), 844 Washington, N. Y.
United State Mailing Tube Co., 137 Wooster, N. Y.
Ware, R. F., 108 Park Row, N. Y.
Wilson, Wyle T., 1151 N 3d, Phila., Pa.

Tubes (Pneumatic)

(See Pneumatic Tubes.)

Tubes (Porcelain)

Brunt, G. F. Porcelain Works (Glazed or Unglazed), East Liverpool, O.
Pass & Seymour, Solvay, Syracuse, N. Y.

Tubes (Wiring)

(See Insulators.)
(Also Conduits.)

Tubing (Aluminum)

Ivins, Elwood (Seamless), Oak Lane, Philadelphia, Pa., & 487 B'way, New York
Pittsburg Reduction Co. (Seamless), New Kensington, Pa., & 90 John, N. Y.
Rudolph & Summerville Tubing Co., 302 N Broad, Philadelphia, Pa.
Scoville Mfg. Co., Waterbury, Conn.; 423 Broome, N. Y., & 210 Lake, Chicago, Ill.
United Wire & Supply Co. (Seamless), Providence, R. I.

Tubing (Bedstead, Iron or Steel)

Phenix Tube Co. (Inc.) (Brass & Bronze Iron Lined), 458 Driggs av, Brooklyn, N. Y.
Shelby Steel Tube Co., Frick bldg., Pittsburg, Pa.
Youngstown Iron, Sheet & Tube Co., Youngstown, O.

Tubing (Bicycle)

American Tube & Stamping Co., Bridgeport, Conn.
Leng's, Jno. S. Son & Co. (Jobbers & Importers, 93 Reade, New York
National Tube Co., Pittsburg, Pa., & 24 State, New York
Shelby Steel Tube Co., Frick bldg., Pittsburg, Pa., & 24 State, N. Y.
Standard Steel Tube Co. (Brazed, etc.), Toledo, O.

Tubing (Brass Lined)

American Tube & Stamping Co. (Clincher), Bridgeport, Conn.

Tubing (Brass & Copper)

American Tube Works, 95 Broad, Boston, Mass.; Bourse bldg, Phila., & 20 Gold, N. Y.
Ansonia Brass & Copper Co., Ansonia, Conn., & 99 John, New York
BENEDICT & BURNHAM MFG. CO., Waterbury, Conn.; 253 B'way, New York; 172 High, Boston, Mass., & 167 Lake, Chicago. (See adv. index, end of book)
Birmingham Brass Co. Birmingham, Conn.
Bridgeport Brass Co., Bridgeport, Conn., & 19 Murray, N. Y.
Bristol Brass Co. (Brass Brazed Only), Bristol, Conn., & 46 W B'way, N. Y.
Chicago Brass Co. (Brazed Brass), Kenosha, Wis.
Coe Brass Mfg. Co., Torrington, Conn.
Croton Mfg. Co. (Brass), Croton-on-Hudson, N. Y
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Ellwood Brass & Copper Tube Co. (Seamless, etc.), Ellwood City, Pa.
Holmes, Booth & Haydens Co., Waterbury, Conn., & 37 Park Place, N. Y.
HUNGERFORD, U. T. BRASS & COPPER CO (Seamless), 497 Pearl, N. Y.
Ivins, Elwood (Seamless), Oak Lane Station, Phila., Pa., & 487 B'way, New York
Manhattan Brass Co., 338 E 28th, New York
Merchant & Co. (Inc.), 517 Arch, Philadelphia, Pa.; 247 Water, New York; 14 Michigan, index, end of book)
New Jersey Tube Co., Harrison, N. J.
Phenix Tube Co. (Iron Lined, also Bronze), 182 N. 11th, Brooklyn, N. Y.
Plume & Atwood Mfg. Co., Waterbury, Conn.; 29 Murray, N. Y., & 199 Lake, Chicago
Randolph-Clowes Co., Waterbury, Conn.
Rome Brass & Copper Co., Rome, N. Y.
Rome Tube Co. (Seamless & Brazed), Rome, N. Y.
Scovill Mfg. Co., Waterbury, Conn.
Seymour Mfg. Co., Seymour, Conn.
Spofford, Wm. S. & Son (Small Brass & Copper), 5 Culver, Providence, R. I.
STRONG, CARLISLE & HAMMOND Co., 61 Frankfort, Cleveland, O. (See adv. index, end of book)
United Wire & Supply Co. (Seamless; also Brazed Brass Tubing), Providence, R. I.
Waterbury Brass Co., Waterbury, Conn., & 123 Centre, N. Y.
Wells, A. H. & Co., Waterbury, Conn.

Tubing (Bronze)

Ansonia Brass & Copper Co., Ansonia, Conn., & 99 John, N. Y.
Coe Brass Mfg. Co., Torrington, Conn.
Manhattan Brass Co., 334 E 28th, N. Y.
Randolph-Clowes Co., Waterbury, Conn.
Scovill Mfg. Co., Waterbury, Conn.

Tubing (Celluloid)

Arlington Co. (the Pyralin), 475 B'way, N. Y.

Tubing (Condenser)

BENEDICT & BURNHAM MFG. CO. ("Benedict Nickel," Brass & Copper), Waterbury, Conn.; 253 B'way, N. Y.; 172 High, Boston, Mass.; 167 Lake, Chicago. (See adv. index, end of book)
HUNGERFORD, U. T. BRASS & COPper Co. (Brass, Plain & Tinned), 497 Pearl, N. Y.

Tubing (Cotton)

Buffalo Weaving & Belting Co. (for Carrying Electric Wires Under Heat), Buffalo, N. Y.
Edgerton, M. D. (Cotton Knit), Bristol, Conn.
Empire Mfg. Co., Lockport, Conn.
Niedner, Chas. (Electric), Malden, Mass.

Tubing (Flexible)

American Electric Works, Providence, R. I.
American Tubing & Webbing Co. (Gas), Providence, R. I.
Atlantic Mfg. Co., Providence, R. I.
Atlantic Tubing Co. (Gas), Providence, R. I.
Flower, Walter L. & Co., 721 Olive, St. Louis, Mo.
National Tubing Co., Providence, R. I.

Tubing (Flexible Metallic)

Almond, T. R. (For Electric Light Brackets, Portables, etc.), 83 Wash'n, Brooklyn, N. Y.
Flower, Walter L. & Co., 5111 Vernon av, St. Louis, Mo.
Sharp & Klumph, Monadnock blk, Chicago, Ill.
Smith, Albanus & Co., 1305 Arch, Phila., Pa.

Tubing (German Silver)

Ansonia Brass & Copper Co., Ansonia, Conn., & 99 John, N. Y.
BENEDICT & BURNHAM MFG. CO., Waterbury, Conn.; 172 High, Boston; 167 Lake, Chicago, Ill., & 253 B'way, New York. (See adv. index, end of book)
Bridgeport Brass Co., Bridgeport, Conn., & 19 Murray, N. Y.
Bristol Brass & Clock Co., Bristol, Conn.
Coe Brass Mfg. Co., Torrington, Conn.
Holmes, Booth & Haydens Co., Watertown, Conn., & 37 Park pl, New York
Scovill Mfg. Co., Waterbury, Conn.
Seymour Mfg. Co., Seymour, Conn.
Spofford, Wm. S. & Son, 5 Culver, Providence, R. I.
United Wire & Supply Co., Providence, R. I.
Waterbury Brass Co., Waterbury, Conn., & 122 Centre, N. Y.

Tubing (Glass)

Appert Glass Co., Port Allegheny, Pa., & 135 B'way, N. Y.
Fostoria Bulb & Bottle Co., Fostoria Co.
Millville Crystal Glass Co., Millville, N. J.
Pairpoint Corp. (for Electrical Use), New Bedford, Mass.
Wagner Glass Works, 965 E 132d, New York

Tubing (Hard Fibre)

American Vulcanized Fibre Co., Wilmington, Del.
Delaware Hard Fibre Co., Wilmington, Del.
Diamond State Fibre Co., Elsmere, Del.
Kartavert Mfg. Co., Wilmington, Del.
Laminar Fibre Co., North Cambridge, Mass.
Millville Crystal Glass Co., Wilmington, Del.

Tubing (Iron Lined)

Ansonia Brass & Copper Co., Ansonia, Conn., & 99 John, N. Y.
Bridgeport Tubing Co., Bridgeport, Conn., & 19 Murray, N. Y.
Coe Brass Mfg. Co., Torrington, Conn.
Manhattan Brass Co., 334 E 28th, N. Y.
Phenix Tube Co. (Brass & Bronze), 458 Driggs av, Brooklyn, N. Y.

Tubing (Nickel Brass & Copper)

BENEDICT & BURNHAM MFG. CO., Waterbury, Conn.; 253 B'way, N. Y.; 172 High, Boston, Mass., & 167 Lake, Chicago. (See adv. index, end of book)

Tubing (Paper)

(See Tubes, Mailing, etc.)

Tubing (Platinum)

Ivins, Ellwood, Oak Lane, Phila., Pa., & 487 B'way, New York

Tubing (Rubber)

American Hard Rubber Co., 111 Mercer, N. Y.
Boston Belting Co., Boston, Mass., & 100 Reade, N. Y.
Boston Woven Hose & Rubber Co., Executive Office & Factory, Cambridgeport, Mass. Stores: 116 Duane, New York; 185 Lake, Chicago, Ill.; Cleveland, O.; San Francisco, Cal., & Boston, Mass.
Canfield, H. O., Bridgeport, Conn.
Consolidated Rubber Co., Trenton, N. J., & Broad st Bk bldg, N. Y.
Continental Rubber Works, Erie, Pa.
Crescent Belting & Packing Co. (Corrugated & Plain), Trenton, N. J.
Davol Rubber Co., 69 Paint, Providence, R. I.
Empire Rubber Mfg. Co. Trenton, N. J., & 88 Reade, N. Y.
Goodrich, B. F. Co., Akron, O.
Hamilton Rubber Co., Trenton, N. J.
Hartford Rubber Works Co., Hartford, Conn., & 136 Lake, Chicago, Ill.
Home Rubber Co., Trenton, N. J.; 17 La Salle, Chicago, & 60 Reade, N. Y.
International Automobile & Vehicle Tire Co., Newton, N. J.; 346 B'way, N. Y., & Chicago, Ill.
Manhattan Rubber Mfg. Co., 18 Vesey, N. Y., & Passaic, N. J.
Mechanical Rubber Co., 253 B'way, New York; 230 Randolph, Chicago, & Cleveland, O.
Morgan & Wright (Inc.), (Hard Rubber), 19 N May, Chicago, Ill.
N. J. Car Spring & Rubber Co., Jersey City, N. J.
New York Belting & Packing Co. (Ltd.), 91 Chambers, N. Y.; St. Louis, Mo.; 150 Lake, Chicago, & San Francisco, Cal.
New York Rubber Co., 84 Reade, N. Y.
Peerless Rubber Mfg. Co., 16 Warren, N. Y.
Penna. Rubber Co., Jeannette, Pa., & 127 Duane, New York
Revere Rubber Co., 77 Bedford, Boston, Mass.; Phila., Pa.; 59 Reade, New York; Chicago, Ill., & San Francisco, Cal.
Republic Rubber Co., Youngstown, O.
Seamless Rubber Mfg. Co., 356 Congress av, New Haven, Conn.
Stokes Jos. Rubber Co., Trenton, N. J.
Trenton Rubber Mfg. Co., Trenton, N. J.
Tyer Rubber Co., Andover, Mass.
United & Globe Rubber Mfg. Co., Trenton, N. J.
Voorhees Rubber Mfg. Co., 18 Bostwick av., Jersey City, N. J.
Vulcanized Rubber Co. (Hard Rubber), 568 B'way, N. Y.
Whitehead Bros. Rubber Co. Trenton, N. J.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, N. Y. (See adv. index, end of book)

Tubing (Seamless Steel)

American Tube & Stamping Co., Bridgeport Conn
Delaware Seamless Tube Co., Auburn, Pa.
Ivins, Elwood (Tool & Low Carbon Steel), Oak Lane, Phila., Pa., & 487 B'way, N. Y.
Justice, Philip S. & Co. (Imported), 14 N 5th, Phila., Pa
Leng's, Jno. S. Son & Co. (Importers, Cold Drawn), 93 Reade, N. Y.
National Tube Co., McKeesport, Pa., & Pittsburg, Pa., & 24 State, N. Y.
Pittsburg Seamless Tube Co., Beaver Falls, Pa.
Rudolph-Summerville Tubing Co. (Copper), 30? N Broad, Phila., Pa
Seamless Steel Tube Co., Union Trust bldg, Detroit, Mich
Seamless Tube Co. of America, Pittsburg, P'a Works, Monessen, Pa
Shelby Steel Tube Co., Frick bldg., Pittsburg Pa., & 24 State, N. Y
Standard Seamless Tube Co., Ellwood City, Pa.
Youngstown Iron Sheet & Tube Co., Youngstown, O.

Tubing (Silver)

Ivins, Elwood (Seamless), Oak Lane, Phila., Pa., & 487 B'way, New York
United Wire & Supply Co. (Seamless), Providence, R. I.

Tubing (Square)

Western Tube Co. (Also Rectangular), Kewanee, Ill.

*Tubing (Square, Seamless Steel)

BRAUN, J. G., 322 S Paulina, Chicago, Ill., & 554 W 36th, New York. (See adv. index, end of book)

Tubing (Steel)

(See also Tubing, Seamless Steel; also Pipe & Tube Mills.)

American Tube & Stamping Co., Bridgeport, Conn.
Eagle Tube Co., 41 Dey, New York. Works, Jersey City, N. J.
Federal Mfg. Co., Elyria, O.
Ivins, Ellwood Tube Works, Oak Lane, Phila., Pa., & 487 B'way, N. Y.
Janney, Steinmetz & Co. (Cold Drawn), Drexel bldg, Phila., Pa.
New Jersey Tube Co., Harrison, N. J.
Ott, Earnest F., Norristown, Pa.
Standard Steel Tube Co. (Bicycle, Brazed, etc.), Toledo, O.
Toledo Stamping Co. (Brazed), Toledo, O.

Tubing (Structural)

Danville Structural Tubing Co., Danville, Pa.

Tubing (Wood)

Morse Cedar Co., Saginaw, Mich.

Tubing (Zinc)

BENEDICT & BURNHAM MFG. CO., Waterbury, Conn.; 172 High, Boston, Mass.; 253 B'way, N. Y., & 167 Lake, Chicago, Ill. (See adv. index, end of book)
Bridgeport Brass Co. Bridgeport, Conn., & 19 Murray, N. Y.
HUNGERFORD, U. T. BRASS & COPPER CO., 497 Pearl, N. Y.
Manhattan Brass Co., 338 E 28th, N. Y.
Scovill Mfg. Co., Waterbury, Conn.
Waterbury Brass Co., Waterbury, Conn., & 122 Centre, N. Y.

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Tubs (Hoisting & Dumping)

Allis-Chalmers Co., New York Life bldg, Chicago, & 71 B'way, New York. Works: Chicago, Milwaukee & Scranton, Pa.
AMERICAN HOIST & DERRICK CO., St. Paul, Minn. Branches: 60 S Canal. Chicago, Ill.; 39 Cortlandt, New York; Tremont bldg, Boston, Mass.; Hennen bldg, New Orleans, La., & Builders' Exchange, Baltimore, Md. (See adv. index, end of book)
BROWN HOISTING MACHINERY CO., 1345 St. Clair, Cleveland, O., & 26 Cortlandt, N. Y. (See adv. index, end of book)
Carlin Machinery & Supply Co., 103 Lacock, Allegheny, Pa.
Clark, W. J. Co., Salem, O.
Coatesville Boiler Works, Coatesville, Pa., & Phila., Pa.
CYCLOPEAN IRON WORKS (Jones & Harold), 402-404 Claremont av, Jersey City, N. J. (See adv. index, end of book)
Dedrick's, P. K. Sons, Albany, N. Y.
DOBBIE FOUNDRY & MACHINE CO., Niagara Falls, N. Y., & 42 Dey, N. Y. (See adv. index, end of book)
Evans, F. H. Co., 596 Kent av, Brooklyn, N. Y. (See adv. index, end of book)
Flory, S. Mfg. Co., Bangor, Pa.
FOCHT, GEORGE SONS, 119 Adams, Hoboken, N. J. (See adv. index, end of book)
GREGG CO. (Ltd.), Newburgh, N. Y. (See adv. index, end of book)
HOISTING & CONVEYING MACHINEry Co. (Automatic Coal Tubs), 44 E Elizabeth, Chicago, Ill. (See adv. index, end of book)
Hunt, C. W. Co., 45 B'way, N. Y. Works: West New Brighton, S. I., N. Y. City
JEFFREY MFG. CO., Columbus, O.; 41 Dey, N. Y., & Equitable bldg, Denver, Col. (See adv. index, end of book)
KOPPEL, ARTHUR, 68 Broad, N. Y. (See adv. index, end of book)
LEAVITT, C. W. & CO., 15 Cortlandt, N. Y. (See adv. index, end of book)
Littleford Bros., 453 E Pearl, Cincinnati, O.
Mead-Morrison Mfg. Co., 11 B'way, New York; Boston, Mass., & Chicago, Ill.
Middleton, Edw. H., 1664 Harrison Fkd., Phila., Pa.
N. J. Foundry & Machine Co., 13 Murray, N. Y.
Phillips, Doup & Co., 56 Pearl, Brooklyn, N. Y.
Pollock, Alex., 203 West, N. Y.
Sharon Boiler Works, Sharon, Pa.
South Baltimore Steel Car & Foundry Co., Baltimore, Md., & 11 B'way, N. Y.
Steubner, G. L. Iron Works, Long Island City, N. Y.
Turl's, John Sons (Inc.), 534 W 28th, N. Y.
Union Iron Works, Hoboken, N. J.
WONHAM - MAGOR ENGINEERING Works, 29 B'way, New York. (See adv. index, end of book)

Tubs (Plant)

American Woodenware Mfg. Co. (Wooden), Toledo, O.

Turbine Water Wheels

(See also Water Wheels.)

Allis-Chalmers Co., N. Y. Life bldg, Chicago, Ill., & 71 B'way, N. Y.
Allentown Foundry & Machine Works (Inc.), Allentown, Pa.
Bartley, Wm. & Son (The Watertight), Bartley, N. J.
Baugher, Kurtz & Co. (Ltd.), York, Pa.
Blake, H. & Son, East Pepperell, Mass.
Blickendefer, Richard, Lancaster, Pa.
Bradway, C. P., West Stafford, Conn.
Chase Turbine Mfg. Co., Orange, Mass.
Christiana Machine Co., Christiana, Pa.
Clark Machine Co., Turner's Falls, Mass.
Davis Foundry & Machine Works, Rome, Ga.
Dayton Globe Iron Works Co. ("New American, Vertical & Horizontal), Dayton, O.
De Loach Mill Mfg. Co., Atlanta, Ga.
Dowling, Wm. & Co., Logansport, Ind.
Dubuque Turbine & Roller Mill Co., Dubuque, Ia.
Dunning, W. D., 329 W Water, Syracuse, N. Y.
Fales & Jenks Machine Co., Pawtucket, R. I.
Glascock, G. T. & Sons, Greensboro, N. C.
Hendy, Joshua Machine Works, San Francisco, Cal.
Holyoke Machine Co. ("Hercules"), Holyoke, Mass.
Humphrey Machine Co., Keene, N. H.
Hunt, Rodney Machine Co., Orange, Mass.
I. & L. Steel Overshoot Water Wheel Co., Hanover, Pa.
Jolly, J. & W., Holyoke, Mass.
Jones, E. D. & Sons Co., Pittsfield, Mass.
Kingsford Foundry & Machine Works, Oswego, N. Y.
Lane Mfg. Co., Montpelier, Vt.
Lancaster Turbine Wheel Co., Lancaster, Pa.
Leffel, James & Co. ("Samson"), Springfield, O., & 120 Liberty, N. Y.
Mine & Smelter Supply Co. ("De Remer"), Denver, Colo.
Morris, I. P. Co. ("Francis" & "Girard" Type), Beach & Ball, Phila., Pa.
Nichols, Albert F., 157 Willie, Lowell, Mass.
Norrish, Burnham & Co., Glen Rock, Pa.
Platt Iron Works Co. (The "Victor"), Dayton, O., & 93 Liberty, New York
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Putnam Machine Co., Fitchburg, Mass.
Reading Foundry Co., Reading, Pa.
Risdon-Alcott Turbine Co. ("Risdon," "Alcott," High Duty & "Taylor" Eleeve Gate), Mt. Holly, N. J.
Robinson, A. J., Brentwood, N. H.
Salem Iron Works, Salem, N. C.
Sergeant Mfg. Co., Greensboro, N. C.
Smith, S. Morgan Co. ("McCormick" 4000 h. p.), York, Pa.
Sullivan Machinery Co., 135 Adams, Chicago, Ill.
Trump Mfg. Co., Springfield, O.
Valley Iron Works Co., Appleton, Wis.
Variety Iron Works, York, Pa.
Wellman-Seaver-Morgan Co., Cleveland, O., & Akron, O.
Wood, R. D. & Co., 400 Chestnut, Phila.

Turbines (Steam)

Allis-Chalmers Co., New York Life bldg, Chicago., & 71 B'way, New York
De Laval Steam Turbine Co., 76 Cortlandt, New York. Works, Trenton, N. J.
FILER & STOWELL CO., Becher & Ziemer, Milwaukee, Wis. (See adv. index, end of book)
GENERAL ELECTRIC CO. ("Curtus"), Schenectady, N. Y., & 44 B'way, N. Y. (See adv. below)
Harrisburg Fdry. & Machine Works ("Flem,-ing"), Harrisburg, Pa.
Hooven, Owens, Rentschler Co. ("Hamilton-Holzwarth"), Hamilton, O.
Warren Electric Mfg. Co. ("Warren"), Sandusky, O.
WESTINGHOUSE MACHINE CO., THE ("Parsons" Type), Westinghouse bldg, Pittsburg, Pa.

Turf Edgers

Continental Tool Co. (Solid Steel Bronze Finish), Frankfort, N. Y.
Jackson Shovel & Tool Co., Montpelier, Ind., & Market & Randolph, Chicago, Ill.

Turn & Transfer Tables

Allentown Rolling Mills, Allentown, Pa.
American Bridge Co., 100 B'way, N. Y.; 261 S 4th, Phila., Pa.; Chicago, Boston, Minneapolis, Pittsburg, Buffalo, Baltimore, Milwaukee, New Orleans, & Detroit, Mich.
Atlas Bolt & Screw Co. (Transfer, etc.), Cleveland, O.
Barbour-Stockwell Co. (Transfer, etc.), Cambridgeport, Mass.
Bonnot Co. (Industrial), Canton, O.
Boston Bridge Works (Railroad Turntables, etc.), 47 Winter, Boston, Mass.

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Direct Connected Alternating Current Sets, 500 Kw to 5,000 Kw output. Direct Connected Continuous Current Sets, 1½ Kw to 800 Kw output.

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Brill, J. G. Co. (Transfer, etc.), Woodland av & 62d, Phila., Pa.
BUDA FOUNDRY & MFG. CO. (Turn Tables Only), Harvey, Ill., & Railway Exchange bldg, Chicago, Ill. (See adv. index, end of book)
Chicago Bridge & Iron Co., 105th & Throop, Chicago, Ill.
Cleveland Car Co. (Transfer, etc.), Cleveland, O.
Clinton Bridge Co., Clinton, Ia.
Columbia Bridge Co., Pittsburg, Pa.
DAVIES, FRANK, Hennen bldg, New Orleans. (See adv. index, end of book)
Dorner Truck & Foundry Co., Logansport, Ind.
Fulton Foundry Co., Marquette at L. S. & M. S. Ry., Cleveland, O.
Greenleaf, Clement A., 2302 Boyd av, Indianapolis
GREGG CO., Ltd. (For Industrial Railways), Newburgh, N. Y. (See adv. index, end of book)
Harrington, Edw. Son & Co., 1515 Penn av,
Hunt, C. W. Co. (Transfer, etc.), 45 B'way, N. Y. Works, West New Brighton, S. I.; New York City
Industrial Works (Transfer for Industrial Purposes), Bay City, Mich.
Illinois Steel Co., The Rookery, Chicago, Ill., 71 B'way, N. Y.
Johnston, R. R. Frog & Switch Co. (Turn & Transfer), Chester, Pa.
Kilbourne & Jacobs Mfg. Co. (Transfer, etc.), Columbus, O.
King Bridge Co., Cleveland, O., & 120 Liberty, N. Y.
KOPPEL, ARTHUR (Transfer, etc.), 68 Broad, N. Y. (See adv. index, end of book)
Link Belt Machinery Co. (Transfer, etc.), 39th & Stewart av, Chicago
Lobdell Car Wheel Co. (Industrial & Shop), Wilmington, Del.
Louisville Bridge & Iron Co., 11th & Oldham, Louisville, Ky.
McClintic-Marshall Construction Co., Pottstown, Pa., & Pittsburg, Pa.
Mt. Vernon Bridge Co., Mt. Vernon, O.
Massillon Bridge Co., Massillon, O.
Missouri Valley Bridge & Iron Works (A. J. Tullock, Prop.), Leavenworth, Kan.
N. Y. Switch & Crossing Co., Hoboken, N. J.
NORTHERN ENGINEERING WORKS (Turntables for Railroads, etc.), Detroit, Mich. (See adv. index, end of book)
Passaic Steel Co. (Railway Turntables), Paterson, N. J.; 5 Nassau, New York, & 31 State, Boston, Mass.
Peacock's Iron Works, Selma, Ala.
Penna. Bridge Co., Beaver Falls, Pa.
Penna. Steel Co., Steelton, Pa.; Girard bldg, Phila., Pa., & 71 B'way, N. Y.
Phoenix Bridge Co., Phoenixville, Pa., & 410 Walnut, Phila., Pa.
Republic Iron & Steel Co. General Offices: 1st Nat'l Bank bldg, Chicago. District Sales Offices: Endicott sq., Buffalo, N. Y.; Citizens Bank bldg., Cleveland, O.; Birmingham, Ala.; 64 B'way, N. Y.; Mermod-Jaccard bldg, St. Louis, Mo.; Endicott Arcade, St. Paul, Minn., Pittsburg, Pa., & Cinn., O.
Sellers, Wm. & Co. (Inc.), 1600 Hamilton, Phila., Pa.
STROBEL, C. L., Monadnock blk., Chicago, Ill.
Tippett & Wood, Phillipsburg, N. J.
Van Dorn & Dutton Co., 1796 E Madison av, Cleveland, O.
Virginia Bridge & Iron Co., Roanoke, Va.
Wharton, Wm., Jr., & Co. (Inc.), (Transfer, etc.), 25th & Wash'n av, Phila., Pa.
Wisconsin Bridge & Iron Co., Pabst bldg, Milwaukee, Wis.

Turnbuckles (Wrought Iron)

American Bolt Co., Lowell, Mass.
American Iron & Steel Mfg. Co., Lebanon, Pa.
Buckeye Forging & Specialty Co. ("Renner"), Sebring, Wis.
Central City Bolt Co., Syracuse, N. Y.
Cincinnati Railway Supply Co., 13 E 2d
Cleveland City Forge & Iron Co., 67 Case av, Cleveland, O., & 11 B'way, N. Y.
Columbus Bolt Works Columbus, O.
Continental Bolt & Iron Works, 22d & Union. Chicago, Ill.
Diamond State Steel Co., Wilmington, Del.; 29 B'way, N. Y., & Phila., Pa.
Hall's, Samuel Sons, 229 W 10th, N. Y.
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., 1330 Buttonwood, Phila., Pa.
Hubbard & Co. (With Welded Eye Bolts), 62d & Butler, Pittsburg, Pa.
Jones & Laughlin Steel Co. (Ltd.), Pittsburg, Pa.; 220 B'way, N. Y., & 30 W Lake, Chicago, Ill.
Kansas Bolt & Nut Co., Kansas City, Mo.
Kropp, A. & Co., 52 Law, Chicago, Ill.
Lanz, M. & Sons, 101 S 29th, Pittsburg, Pa.
LESCHEN, A. & SONS ROPE CO., 920 N 1st, St. Louis, Mo.; 163 Wash'n, N. Y.; 137 E Lake, Chicago, Ill., & 1717-23 Arapahoe, Denver, Colo. (See adv. index, end of book)
Merrill Bros., 465 Kent av, Brooklyn, N. Y.
Michigan Bolt & Nut Works, Detroit, Mich.
Moran Bolt & Nut Mfg. Co., St. Louis, Mo.
NATIONAL SUPPLY CO., 7 W Lombard, Baltimore, Md. (See adv. index, end of book)
New England Bolt & Nut Co., 253 Atlantic av, Boston, Mass.
NEWHALL CHAIN FORGE & IRON Co., 15 Murray, N. Y. (See adv. index, end of book)
Pawtucket Mfg. Co. (Drop Forged), Pawtucket, R. I.
Payne's Bolt Works, 121 Howard, San Francisco, Cal.
Pittsburg Mfg. Co., 28th & R. R., Pittsburg, Pa.
Republic Iron & Steel Co., General Offices: 1st Nat'l Bank bldg, Chicago, Ill.; Mermod-Jaccard bldg, St. Louis, Mo.; Endicott Arcade, St. Paul, Minn.; Cleveland, O.; Birmingham, Ala.; 66 Buffalo, N. Y.; Pittsburg, Pa., & Cincinnati, O.
Rhode Island Tool Co. (Dropw Forged Plain & Eye & Hook & Eye), Providence, R. I.
Rockford Bolt Works, Rockford, Ill.
Russell, Burdsall & Ward Bolt & Nut Co., Portchester, N. Y.
Standard Bolt & Mfg. Co., Ft. Worth, Tex.
UNION ELEVATOR & MACHINE CO., 144 Ontario, Chicago, Ill. (See adv. index, end of book)
Upson Nut Co., Unionville, Conn., & Cleveland, O.

Turnstiles

American Passimeter Co., 85 Worth, N. Y.
Bright, H. V., 66 Clarkwood av, Cleveland, O.
Fiske, J. W., 39 Park pl, N. Y.
VAN KANNEL REVOLVING DOOR Co., Home Office, 524 E 134th. (See adv. index, end of book)

Turntable Equipments

Nichols, Geo. P. & Bros. (Electric, Gasoline & Air), Monadnock blk, Chicago, Ill.

Turntables for Industrial Railways

Apex Equipment Co. (Mfrs'. Agts), 11 B'way, New York
Atlas Bolt & Screw Co., Cleveland, O.
Cleveland Car Co., 148 Scranton av, Cleveland, O.
Dodge Mfg. Co., Mishawaka, Ind.
GREGG CO. (Ltd.), Newburgh, N. Y. (See adv. index, end of book)
Hunt, C. W. Co., 45 B'way, N. Y. Works: West New Brighton, S. I., N. Y. City
KOPPEL, ARTHUR, 68 Broad, N. Y. (See adv. index, end of book)
LEAVITT, C. W. & CO., 15 Cortlandt, N. Y. (See adv. index, end of book)
Link Belt Engineering Co. (Ball Bearing), Nicetown, Phila., Pa.; 47 Dey, New York, & Park bldg, Pittsburg, Pa.
Lobdell Car Wheel Co., Wilmington, Del.
MINNEAPOLIS STEEL & MACHINE ry Co., Minneapolis, Minn. (See adv. index, end of book)
NORTHERN ENGINEERING WORKS, Detroit, Mich. (See adv. index, end of book)
Peteler Portable Railway Mfg. Co., Minneapolis, Minn.
Power & Mining Machinery Co. (For Mines, etc.), 52 William, New York. Works. Cudahy, Wis.
RUSSEL WHEEL FOUNDRY CO., Detroit, Mich. (See adv. Index, end of book) N. Y.
Stuebner, G. L. Iron Works, Long Island City,
STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria St, London, Eng. (See adv. Index, end of book)
Turl's, John Sons (Inc.), 534 W 28th, N. Y.
WHITING FOUNDRY EQUIPMENT Co., Harvey, Ill. (See adv. index, end of book)
WONHAM-MAGOR ENGINEERING Works, 29 B'way, New York. (See adv. index, end of book)

Turntables (Overhead)

Atlas Bolt & Screw Co., Cleveland, O.
Harrington, Edw. Son & Co., 1511 Penna. av, Phila., Pa.
Reading Crane & Hoist Works, Reading, Pa.

Turpentine

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COFFEE SPRINGS—Brigman, Sellers & Co.
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ELBA—Rozier, J. S.
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McLean, Wm.
HARTFORD—Hall, G. L.
SELLERSVILLE—Sellers, Bullard & Co.
WAGER—Lewis, D. R. & W. P.

FLORIDA.

ABBOTT—Phifer, W. B.
ALTOONA—Musselwhite & Farrell
ARMSTRONG—Padgett, P. M.
BARBERVILLE—Tatum, J. H.
BELLEVIEW—Hall & Thaggard
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BRISTOL—Covington, A. D. & Co.
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Carter W. J.
CARYVILLE—Godwin, E. M. & Co.
CENTER PARK—Douglas, R. V. & Co.
CLEVELAND—Hickman, Greer & Co.
DADE CITY—Bragdon, McWhite & Co.
DAISY—Hodges & O'Hara
DE LEON SPRINGS—Jolley, C. P.
DUNNELLON—Wiggs, W. H. & Co.
DUVAL—Broward & McGeachy
FAIRFIELD—Wade & McNair
GARBRIELLE—Petteway, L. S. & Co.
GRETNA—Humphrey & Co.
Riley, W. G. & Co.
MAYO—Handley, T. B.
MONTBROOK—Flynn, D. M. & Co.
MONTICELLO—Bryan, D. H. & Son
OLUSTEE—Olustee Turpentine Co.
ORANGE MILLS—Millican, J. H. & Co.
OTTER CREEK—Fisher, J. S. & Co.
Page, Jenkins & Co.
PANASOFFKEE—Molloy, A. P.
PERRY—Blair & Hinely Co.
PINE CASTLE—Edge, Howard & Co.
PORT RICHEY—Sessoms, Johnson & Co.
RAIFORD—Raiford, H. W.
ROCK BLUFF—Daisy Co.
STARKE—Powell-Smith Co.
STEINHATCHEE—Clark & Overstreet
TALLAHASSEE—Lutterloh, R. B.
TAMPA—Morrison Bros.
WOODVILLE—Williams & Co.
YORK—Horne, Lewis & Co.

GEORGIA.

ADEL—Booth Bros. Co.
Vickers & Booth
AILEY—Riddle, J. A.
ALBANY—Cook, J. & Co.
ALLAPAHA—Baker, J. H.
ALAMA—McLaughlin, Deen & Co.
ALTAMAHA—Tippins, Jno. U.
ANSLEY—Crum & Parker
ARABI—Patterson & Co.
ARLINGTON—Callahan & Newberry
AUTRYVILLE—Autry, D. A.

BAINBRIDGE—Callahan, J. W.
BAXLEY—Sapp & Miles
BICKLEY—Hinson & Co.
BINGHAM—Kirkland & Co.
BLADEN—Ward, J. A.
BROXTON—Byrd, Thos.
CLAXTON—White, R. K.
EDEN—Fetzger, G. W.
EGYPT—Foy, E. E. Mfg. Co.
EVERGREEN—Dorminey, Warren & Co.
FALES—Tanner, B. H.
FARGO—Baxter, Geo. S. & Co.
Georgia Pine Turpentine Co.
Hanby & Toomer
GOMEZ—Moody, Daniel & Co.
GROVELAND—Klicklighter & Boatright
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McLauren, J. A. & Co.
HOMERVILLE—Peagler, H. J. & Son
Peagler, H. M. & Co.
IRWINVILLE—Barber Bros. & Co.
JOHNSTON STATION—Hughes, J. W.
Jones, W. F. & Bro.
LAFF—Gray, Geo. T. & Co.
LEARY—Williams & Sheppard
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LEXSY—Youmans, J. C. & Co.
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LOTHAIR—Pritchett, W.
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M'RAE—Holland, G. T.
MALDEN BRANCH—Spier, W. L. & Co.
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Brown. W. D.
NELLWOOD—Robertson & Jones
NICHOLLS—Hall & Britt
NIELLY—Smith, T. J.
OAKY—Haralson, E. D.
OCHLOCHNEE—Patterson & Son
OCILLA—Powell-Bullard & Co.
ODUM—Burnett & Duke
OLIVER—Huggins, W. E. & Son
OLYMPIA—*West Yellow Pine Co.
West & Kelly
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PHILIPS MILL—Talum & Holland
REYNOLDS—Barber & Rawl
ROCHELLE—Walker, Jonathan
ROCKY FORD—Finch, D. C. (Saw Mill)
ROTHERSAY—Watson, A. M. & Co.
SHEPHERD—Lott, J. S.
STATESBORO—McDougald, J. A. & Co.
Williams, Outland & Co.
THOMASVILLE—Floyd, Howell & Co.
TIFTON—Timmons, W. W.
VIENNA—Peacock & Kelley
WHIGHAM—Herrin, W. H. & Co.
Lane & Johnson
Sofkee Naval Stores Co.
WHITE OAK—McKinnon, L. T. & G. S.
WILLACOOCHEE—O'Berry, J. E. Sons & Co.
WILLINGHAM—Alford, C. A.

LOUISIANA.

COVINGTON—Jones & Pickett
CROWLEY—Arcadia Iron Works
HOLTON—Holliday, Ray & Co.
INDEPENDENCE—Holliday & Co.

NORTH CAROLINA

ANGIER—Williams, J. C. & B. F.
CLINTON—McPhoil, J. R.
LUMBERDALE—Blue, L. A.
MANLEY—Buchan, J. E.
NEWBERN—Ellis, Mrs. E. B.

SOUTH CAROLINA.

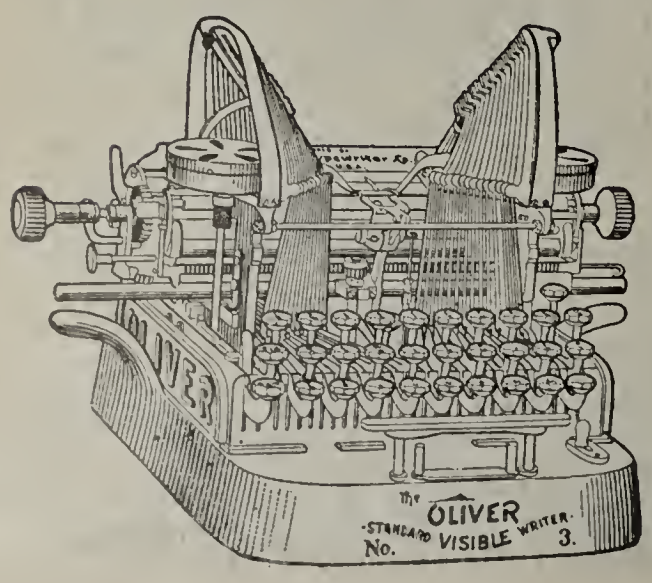
ADVANCE—Gresset, J. T.
BRIGHTON—Mawer, J. K. & Co.
COLUMBIA—Larick & Lawrence
CONWAY—Burroughs & Collins Co.
GALIVANTS FERRY—Holliday, J. W.

Tuyeres & Coolers

Ajax Metal Co., 46 Richmond, Phila., Pa., & Birmingham, Ala.
Best Mfg. Co. (Bronze), 25th & R. R., Pittsburg, Pa.
Eastwood Wire Mfg. Co., Belleville, N. J.
Falcon Bronze Co., Youngstown, O.
Lawrenceville Bronze Co., 31st & Penn av, Pittsburg, Pa.
STURTEVANT, B. F. CO., Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 281 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa.; 131 Liberty, New York, & 147 Queen Victoria St, London, Eng. (See adv. index, end of book)
United Engineering & FoundryF Co., Pittsburg, Pa.

Twine (Binder)

American Grass Twine Co., St. Paul, Minn.
American Mfg. Co. (Sisal & Manila & Jute), 63 Wall, N. Y.
Bailey, Christopher, 810 S Swanson, Phila., Pa.
Bailey, Jno. T. & Co. (Sisal & Manila), c Water & Morris, Phila., Pa.
Bay State Cordage Co. (Manila & Sisal), Newburyport, Mass.
Chelsea Cordage Co., Chelsea, Mass.
Columbian Rope Co. (Sisal & Manila), Auburn, N. Y.
Fitler, Edwin H. Co., 23 N Delaware av, Phila., Pa.

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Jackson, Thos. & Son (Manila & Sisal), Reading, Pa.
Kentucky River Mills (Hemp & Flax), Frankfort, Ky.
Lawrence Cordage Works, 46 South, N. Y.
Ludlow Mfg. Co. (Manila & Sissal), 133 Essex, Boston, Mass., & Ludlow, Mass.
Miamisburg Twine & Cordage Co. (Manila & Sisal), Miamisburg, O.
Nebraska Binder Twine Co., Fremont, Neb.
New Bedford Cordage Co. (Jute), New Bedford, Mass.
Osborne, D. M. & Co. (Sisal & Manilla), Auburn, N. Y.
Penn Cordage Co., 44 Broadway, N. Y.
Peoria Cordage Co. (Sisal & Manila), Peoria, Ill.
Plymouth Cordage Co. (Jute), Plymouth, Mass.
Portland Cordage Co. (Flat), Portland, O.
Rink's, J. Sons, Easton, Pa.
St. Louis Cordage Co. (Jute), St. Louis, Mo.
Sewell & Day Cordage Co. (Jute & Flax), 110 State, Boston, Mass.
Standard Rope & Twine Co., 17 State, N. Y.
State Penitentiary, Bismarck, N. Dak.
Traverse Bros. (Sisal & Manila), 41 Worth, N.Y.
Tubbs Cordage Co., 607 Front, San Francisco, Cal.
Union Selling Co., 17 State, N. Y.
Waterbury & Co. (Sisal & Manila), 69 South, New York

Type (Rubber)

Crescent Seal & Stamp Co., Cambridge, O.
Smith, R. H. Mfg. Co., 293 Main, Springfield, Mass.

Typewriter Carbon Papers

Bullard Co. (Bullard), Wheeling, W. Va.
SOLTMANN, E. G. (Papers & Carbons), 125 E 42d, New York. (See adv. index, end of book)

Typewriter Ribbons

Bullard Co. ("Bullard"), Wheeling, W. Va.
Donovan & Straus, 58 Frankfort, Cleveland, O.
Little, A. P., Rochester, N. Y.
Webster, F. S. Co., Boston, Mass.

Typewriter Stands

Tatum, Sam'l C. Co., 414 W Water, Cincinnati, O.

Typewriters

American Typewriter Co., 265 B'way, New York
American Writing Machine Co., 343 B'way, Portland, Ore. (See adv. below)
Blickensderfer Mfg. Co., Stamford, Conn.
Chicago Writing Machine Co., 164 La Salle, Chicago, Ill.
Columbia Typewriter Mfg. Co., 56 Reade, New York
Crandall Typewriter Co., Groton, N. Y.
Densmore Typewriter Co., 309 B'way, New York
Elliott-Fisher Co., Cleveland, O.
Elliott & Hatch Book Typewriter Co., 329 B'way, New York
Fay-Sholes Co., Chicago, Ill.
Fox Machine Co., Grand RFapids, Mich.
Franklin Typewriter Co., 812 Greenwich, New York
Hammond Typewriter Co., 167 B'way, N. Y.
Hartford Typewriter Co., Hartford, Conn.
Ithaca Gun Co., Ithaca, N. Y.
Jewett Typewriter Co., Des Moines, Ia.
Meiselbach, A. D. Co., Kenosha, Wis.
OLIVER TYPEWRITER CO., 166 Wabash av, Chicago, Ill., & 310 B'way, N. Y. Works, Woodstock, Ill. (See adv. opp. page)
Pittsburg Writing Machine Co., 208 Wood, Pittsburg, Pa. Works, Kittaning, Pa.
R. &. G. Typewriter Co., 229 B'way, New York
Remington Typewriter Co., 327 B'way, New York
Simplex Typewriter Co., 644 1st av, New York
Smith Premier Typewriter Co., Syracuse, N. Y.
Sun Typewriter Co., 239 B'way, New York
Toledo Typewriting Machine Co., Toledo, O.
Underwood Typewriter Co., Hartford, Conn.
Union Typewriter Co., Jersey City, N. J. Works, Bridgeport, Conn.
Williams Typewriter Co., Derby, Conn.
Writing Machine Co., Bridgeport, Conn.
Yost Writing Machine Co., 245 B'way, N. Y.

Unions

Belfield, H. & Co. (Flanged Malleable Iron), 453 N Broad, Phila., Pa.
Darling Pump & Mfg. Co., Williamsport, Pa.
Dart, E. M. Mfg. Co., 136 Clifford, Providence R. I.
Eastwood Wire Mfg. Co. (Bronze, End Flanged, etc.), Belleville, N. J.
Flagg, Stanley G. & Co. (Soft Metal Seat), 19th & Penna. av, Phila., Pa.
Hamlin & Emery Brass Co. (Brass), 26 Island, Boston, Mass.
Jefferson Mfg. Co. (For High & Lok Pressure), Lexington, Mass.
LUNKENHEIMER CO. General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, N. Y., & 35 Great Dover st., London, England. (See adv. index, end of book)
Mullaney's, Jas. Son., 25th c Lex av, N. Y.
Newbury Mfg. Co. (Gray Iron), Monroe, N. Y.
Nolte Brass Co. (Brass & Soldering), Springfield, O.
Ohio Brass Co., Mansfield, O.
Pancoast, Henry B. & Co. ("American"), 243 S 3d, Philadelphia, Pa.
Pleuger & Henger Mfg. Co., 11th & Hebert, St. Louis, Mo.
Powell, Wm. Co. (Brass), Cincinnati, O.
Queen City Brass & Iron Works (Brass, Soldering, etc.), Cincinnati, O.
Western Tube Co. (Brass & Malleable Iron), Kewanee, Ill.

Unions & Nipples (Soldering)

Blatchford, E. W. & Co., 70 N Clinton, Chicago, Ill.
Campbell, J. B. Brass Works, Erie, Pa.
Cleveland Bronze & Brass Works ("Lyons," Brass), Cleveland, O.
Clum & Atkinson, 575 Lyell, Rochester, N. Y.
Columbus Brass Co., Columbus, O.
Edwardsville Brass Co., Edwardsville, Ill.
Glauber Brass Mfg. Co., 88 River, Cleveland, O.
Haines, Jones & Cadbury, 1136 Ridge av., Phila., Pa.
Jefferson Mfg. Co., Lexington, Mass.
Mueller, H. Mfg. Co., Decatur, Ill.
Nolte Brass Co., Springfield, O.
Queen City Brass & Iron Works, Cincinnati, O.
Sanitary Co., 306 Prospect, Cleveland, O.
Savill, Thos., 11th & Wood, Phila., Pa.
Springfield Brass Co., Springfield, O.
Warren Brass Co., Warren, O.
Western Tube Co., Kewanee, Ill.
Wolverine Brass Works, Grand Rapids, Mich.

Unloaders (Ballast)

(See Ballast Unloaders.)

Unloaders (Sugar Cane Car)

GREGG CO. (Ltd.), Newburgh, N. Y. (See adv. index, end of book)

Upsetters (Tire)

Buffalo Forge Co., Buffalo, N. Y., & 39 Cortlandt, New York
Comstock, Geo. S. ("Comstock" Fire & Axle Shrinker), Mechanicsburg, Pa.
Fulton Iron Works (Stoddard's"), Detroit, Mich.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Wiley & Russel Mfg. Co. (Green River Stile), Greenfield, Mass.

Valve Balls (Rubber)

Boston Belting Co., Boston, Mass., & 100 Reade, N. Y.
Continental Rubber Works, Erie, Pa.
Manhattan Rubber Mfg. Co., 126 Duane, N. Y., & 96 Lake, Chicago, Ill.
Mechanical Rubber Co., 253 B'way, New York; 230 Randolph, Chicago, & Cleveland, O.
New York Belting & Packing Co. (Ltd.), 25 Park pl, N. Y.; Kansas City, Mo.; St. Louis, Mo.; 150 Lake, Chicago, & San Francisco, Cal.
New York Rubber Co., 84 Reade, N. Y.
Republic Rubber Co., Youngstown, O.
Revere Rubber Co., 63 Franklin, Boston, Mass.; Pittsburg, Pa.; Phila., Pa.; New Orleans, La.; 38 S Canal, Chicago, 59 Reade, N. Y., & San Francisco, Cal.
Whitman & Barnes Mfg. Co., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York

Valve Bodies

Bethlehem Foundry & Machine Co. (Large Cast Iron Rough or Finished), South Bethlehem, Pa.

Valve Cups (Leather)

Whittelsey, H. E. & Sons, Corry, Pa.

Valve Discs

Libby Mfg. Co. ("Libby's" Amalgamated), 147 Varick, N. Y.

Valve Mfrs. for Steam, Gas & Water

(For Jobbers of these Goods See Plumbers Supplies, Jobbers.)

(Also Steam Fitters Supplies and Specialties, Jobbers.)

For Various Kinds of Valves See Sub-Classifications Following This List.)

Acton, John, 118 John, Brooklyn, N. Y.
Albany Steam Trap Co., 60 Church, Albany, N. Y.
Alpena Industrial Works (Lewis T. Cline), Prop.), Alpena, Mich.
American Balance Valve Co., 124 New Montgomery, San Francisco, Cal.; Eastern Office & Works, Jersey Shore, Pa.
American District Steam Co., Lockport, N. Y.
American Pneumatic Valve Co., Buffalo, N. Y.
American Radiator Co., c Lake & Dearborn, Chicago, Ill.
American Steam Gauge & Valve Co., 208 Camden, Boston, Mass.
American Valve Co., Coxackie, N. Y.
American Valve & Meter Co., 1119 Gest, Cincinnati, O.
Argon Mfg. Co., 1730 Wazee, Denver, Col.
Ashton Valve Co., 271 Franklin, Boston, Mass.
Automatic Frost Valve Co., Montgomery, Ala.
Bardo, L. J. Co. (Inc.), 12th & Thompson, Phila., Pa.
Bashlin Co., Warren, Pa.
Beaumont, Richard, Kankakee, Ill.
Belfield, H. & Co., 435 N. Broad, Phila., Pa.
Belknap Mfg. Co., Bridgeport, Conn.
Best Mfg. Co., 25th & A. V. Ry., Pittsburg, Pa.
Boston Brass Co., 36 Oliver, Boston, Mass.
Bourbon Copper & Brass Works, 618 E. Front, Cincinnati, O.
Buckeye Iron & Brass Works, Dayton, O.
Burlington Brass Works ("Kant"), Burlington, Wis.
Burrows Mfg. Co., York, Pa.
Burton & Johnson, 107 W Center, Cleveland, O.
Cadman, A. W. Mfg. Co., 2814 Smallman, Pittsburg, Pa.

Caldwell, W. E. Co., Louisville, Ky.
Cayreta Wheel & Foundry Co., Sayre, Pa.
Central Brass Works, 322 W Pearl, Cincinnati, O.; 21 W Lake, Chicago, Ill., & 78 John, N. Y.
Chapman Valve Mfg. Co., Indian Orchard, Mass.
Chicago Air & Water Valve Co., (Automatic Air), 33 S. Canal, Chicago, Ill.
Coale Muffler & Safety Valve Co., Calvert bldg, Baltimore, Md.
Coffin Valve Co., Neponset, Boston, Mass.
Coldwell-Wilcox Co., Newburgh, N. Y.
Columbus Brass Co., Columbus, O.
CONSOLIDATED SAFETY VALVE Co., The, 85, 87, 89 Liberty, New York, & 22, 24, 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.
CRANE CO., Est. 1855, 10 N Jefferson, Chicago, Ill. (See adv. next page)
Crosby Steam Gage & Valve Co., 95 Oliver, Boston, Mass.
Darling Pump & Mfg. Co., Williamsport, Pa.
Davis, Geo. M. Regulator Co., 145 Milwaukee av, Chicago, Ill.
Davis, John Co., 69 Michigan, Chicago, Ill.
Davis & Roesch Temperature Controlling Co., Newark, N. J., & 136 Liberty, New York, N. Y.
D'Este, Julian Co., 24 Canal, Boston, Mass.
Detroit Heating & Lighting Co., 335 Wight, Detroit, Mich.
Detroit Lubricator Co. ("Detroit"), Detroit, Mich.
Detroit Machine Valve Co., Detroit, Mich.
Dimmick Pipe Co., Birmingham, Ala.
Dorn & Marcellus Co., York & Mascher, Philadelphia, Pa.
Draper Mfg. Co., Port Huron, Mich.
Eastwood Wire Mfg. Co., Belleville, N. J.
Eaton, Cole & Burnham Co., 253 B'way, N. Y.
Eddy Valve Co., Waterford, N. Y.
Evans Mfg. Co., Butler, Pa.
Exeter Machine Works, Exeter, N. H.
Eynon-Evans Mfg. Co., 1519 Clearfield, Philadelphia, Pa.
Fairbanks Co., 186 Elm, N. Y.; 701 Arch, Phila., Pa.; 44 Pearl, Boston, Mass.; 19 Light, Baltimore, Md.; 364 B'way, Albany, N. Y.; 610 Canal, New Orleans, La.; 210 Main, Buffalo, N. Y.; 238 3d av, Pittsburg, Pa.; 78 City rd, London, England, & 749 Craig, Montreal, Canada
Farnan Brass Works, 25 Center, Cleveland, O.
Fewlass Brass & Iron Co., 456 E 2d, Cincinnati, O.
Fisher Governor Co., Marshalltown, Ia.
Ford, Thos. P. Co., 81 Centre, N. Y.
Forest City Brass Works, 90 Merwin, Cleveland, O.
Fort Wayne Safety Valve Works, 817 Barr, Ft. Wayne, Ind.
Foss Valve & Specialty Co. ("Foss" No Packing), Taunton, Mass.
Foster Engineering Co., 107 Monroe, Newark, N. J.
Foster, F. W. Mfg. Co., 6 Portland, Boston, Mass.
Gardner Governor Co., Quincy, Ill.
Glenn, C. C., 115 Fremont, Chicago, Ill.
Globe Brass Co., 15 Macomb, Detroit, Mich.
Gold Car Heating & Lighting Co., 17 Battery pl, New York
Goulds Mfg. Co., Seneca Falls, N. Y., & 16 Murray, New York
Griffing, A. A. Iron Co., Jersey City, N. J.
Gustafson Bros. Mfg. Co., Chattanooga, Tenn.
Hammett, H. G., 476-480 8th, Troy, N. Y.
HANCOCK INSPIRATOR CO., THE, 85, 87, 89 Liberty, New York, N. Y., & 22, 24, 26 S Canal, Chicago, Ill. Works, 1 Watson, Boston, Mass.
Harde-Tynes Foundry & Machine Co., Birmingham, Ala.
Harvey's, A. Sons Mfg. Co., 22 1st, Detroit, Mich.
Hauck Mfg. Co., 322 W Pearl, Cincinnati, O.
Hayden, N. L. Mfg. Co. (Tippett Compact), Columbus, O.
HAYDEN & DERBY MFG. CO., THE, 85, 87, 89 Liberty, New York, N. Y., & 22, 24, 26 S Canal, Chicago, Ill.
Haydenville Co., Haydenville, Mass., & 150 Nassau, N. Y.
Hays Mfg. Co., Erie, Pa.
Hermance Valve Co., Syracuse, N. Y.
Hills, Robt. E. & Co., 57 N Wells, Chicago, Ill.
Hoffman, B. Mfg. Co., 257 6th av, Milwaukee, Wis.
Hoffman & Billings Mfg. Co., 96 2d, Milwaukee, Wis.
Homer Brass Works (Inc.), 231 Race, Philadelphia, Pa.
Homestead Valve Mfg. Co., 107 Wood, Pittsburg, Pa.
Howe Mfg. Co. ("Huxley"), Louisville, Ky.
Hussey, McCann & Co., 37 Dey, N. Y.
Ideal Mfg. Co., 546 Franklin, Detroit, Mich.
Illinois Malleable Iron Co., 30 W Monroe, Chicago, Ill.
Jarecki Mfg. Co., Erie, Pa., & Pittsburg, Pa.
Jenkins Bros., 71 John, N. Y.; 35 High, Boston, Mass.; 31 N Canal, Chicago, Ill., & 133 N 7th, Phila., Pa.
Johnson Service Co., Milwaukee, Wis. (For Branch Offices see Regulators, Heat)
Kelly & Jones Co., 135 Water, Pittsburg, Pa. Works, Greensburg, Pa.
Kendrick Valve & Washer Co., Syracuse, N. Y.
Kennedy Valve Mfg. Co., 57 Beekman, N. Y., & Coxsackie, N. Y.
Keystone Brass Co., Erie, Pa.
Kieley & Mueller, 34 W 13th, N. Y.
Kinsey & Mahler Co. ("K. & M."), Peoria, Ill.
Kirkup, Robt. & Co., 620 Lodge, Cincinnati, O.
Kitts Mfg. Co., Oswego, N. Y.
Klipfel & Thomas Co. ("K. & T."), 74 W Lake, Chicago, Ill.
Kunkle, E. B. & Co., Fort Wayne, Ind.
Lang, J. Electric Co., 176 E Indiana, Chicago, Ill.
Lee Inector Mfg. Co., Detroit, Mich.
Libby Mfg. Co., 147 Varick, N. Y.
Liberty Mfg. Co., 6907 Susquehanna, Pittsburg, Pa.
Locke Regulator Co., Salem, Mass.
Loetzer Valve & Mfg. Co., Towanda, Pa.
Lonergan, J. E. & Co., 211 Race, Philadelphia, Pa.
Ludlow Valve Mfg. Co., Troy, N. Y., & 62 Gold, N. Y.
LUNKENHEIMER CO. General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, New York, & 35 Great Dover St, S. E. London, Eng. (See adv. index, end of book)
McCambridge & Co., 527 Cherry, Philadelphia, Pa.
McGowan, Jno. H. Co., 54 Central av, Cincinnati, O.
McLean, John, 440 Water, N. Y.
McNab & Harlin Mfg. Co., 56 John, N. Y.
McRae & Roberts Co., Detroit, Mich.
McShane, Henry Mfg. Co., 441 North, Baltimore, Md.
Mackey Mfg. Co., Newark, N. J.
Marsh, Jas. P. & Co., 224 Washington, Chicago, Ill.
Mason Regulator Co., 158 Summer, Boston, Mass.
Mays Mfg. Co., Erie, Pa.
Milwaukee Valve Co., 871 Robinson av, Milwaukee, Wis.
MONASH-YOUNKER CO., 203 S Canal, Chicago, Ill., 43 Centre, New York. (See adv. next page)
Morgan & Co., 38 Dearborn, Chicago, Ill.
Morrison Automatic Safety Valve Co., Toledo, O.
Mueller, H. Mfg. Co., Decatur, Ill.
Nason Mfg. Co., 71 Beekman, N. Y.
NATIONAL VALVE CO., Sandusky, O. (See adv. index, end of book)
Nelson, Chas., 439 E 10th, N. Y.
Nelson, N. O. Mfg. Co., 8th & St. Charles, St. Louis, Mo.
Nelson Valve Co., Wyndmoor, Pa., & 136 Liberty, New York
New Bedford Boiler & Machine Co., New Bedford, Mass.
Newman Mfg. Co., 26 Cortlandt, N. Y.
Niagara Radiator Co., Buffalo, N. Y., & N. Tonawanda, N. Y.
Nolte Brass Co. (A. B. Nolte, Prop.), Springfield, O.
Norwall Mfg. Co. ("Allen," Automatic Air), 40 Dearborn, Chicago, Ill.
Ohio Brass Co., Mansfield, O.
Ohio Pump & Brass Co., 18th & Oak, Columbus, O.
Perkes, Chas., 623 Arch, Philadelphia, Pa.
Philadelphia Roll & Machine Co., S 23d & Wash'n av, Phila., Pa.
Pierce, Butler & Pierce Mfg. Co., Syracuse, N. Y.; 254 4th av, New York, N. Y.; 50 Oliver, Boston, Mass., & 24 S 7th, Phila., Pa.
Pioneer Brass Works, Indianapolis, Ind.
Pittsburg Valve, Foundry & Construction Co., 5th & Duquesne Way, Pittsburg, Pa.
Powell, Wm. Co., 2525 Spring Grove av, Cincinnati, O.
Powhatan Brass & Iron Works, Charlestown, W. Va.
Pratt & Cady Co., Hartford, Conn.
Queen City Brass & Iron Works, Spring Grove & Garrard av, Cincinnati, O.
Redding Engineering Co., Pittsburg, Pa.
Regester's, J. Sons Co., 49 W Holliday, Baltimore, Md.
Reliance Engineering Co., Duluth, Minn.
Rensselaer Mfg. Co., Cohoes, N. Y.
Ross Valve Co., Troy, N. Y.
Rundle, Spence Mfg. Co., Milwaukee, Wis.
Safety Cylinder Valve Co., Mansfield, O.
Schaffer & Budenberg Mfg. Co. Main Office & Works, 10 Division, Brooklyn, N. Y.; 66 John, N. Y., & 15 W Lake, Chicago, Ill.
Schutte & Koerting Co., 1251 N 12th, Philadelphia, Pa.
Scott Valve Co., 32 W Randolph, Chicago, Ill.
Smith, A. P. Mfg. Co., Newark, N. J.
Smith, H. B. Co., 133 Centre, N. Y., & Westfield, Mass.
South Park Foundry & Machine Co., St. Paul, Minn.
Springfield Brass Co., Springfield, O.
Standard Steam Specialty Co., 111 5th av, N. Y.
Star Brass Mfg. Co., 103 Dedham, Boston, Mass.
Stephens, Roe Mfg. Co., 27th & Grand Trunk, Detroit, Mich.
Swift Lubricator Co., Elmira, N. Y.
Syracuse Faucet & Valve Co. ("No Packing"), Syracuse, N. Y.
Thomas Brass & Iron Co., Waukegan, Ill.
Thomas, C. W., M. C. R. R. Junction. Works, Detroit, Mich.
Thompson, J. & Co., cor Van Horn & Sophia, Philadelphia, Pa.
Union Water Meter Co., Worcester, Mass.
Utica Steam Gauge Co., Frankfort, N. Y.
Van Auken-Clevaue Co., Yonkers, N. Y.
Walworth Mfg. Co., 132 Federal, Boston, Mass.
Waters Governor Co., 34 Oliver, Boston, Mass.
Watson & McDaniels Co., 146 N 7th, Philadelphia, Pa.
Western Tube Co. (Brass & Iron), Kewanee, Ill.
Western Valve Co., 41 W Randolph, Chicago, Ill.
Wickes Bros., Saginaw, Mich.
Williams Gauge Co., Pittsburg, Pa.
Williamsport Valve & Hydrant Co., Williamsport, Pa.
Wood, R. D. & Co., 400 Chestnut, Philadelphia, Pa.
York Mfg. Co., York, Pa.
Zero Valve & Brass Mfg. Co., 296 Seneca, Buffalo, N. Y.

Valve Re-Seating Machines

(See Machines, Valve Re-seating.)

Valve Seat-Milling Machines

(See Machinery, Valve Re-Seating.)

Valve Seats (Ball)

Federal Mfg. Co., Elyria, O.

Valve & Plug Testing

SIMMONS, JNO. CO. ("L. & K." Valves & Pumps), 106 Centre, New York

Valve & Service Boxes

(See Boxes, Valve & Service.)

Vaives (Acid)

Chapman Valve Mfg. Co., Indian Orchard, Mass.
Eastwood Wire Mfg. Co., Belleville, N. J.
Graham, Chas. (Stoneware), 986 Metropolitan av, Brooklyn, N. Y.
NATIONAL VALVE CO., Sandusky, O. (See adv. index, end of book)
Robertson, Jas. Mfg. Co., 30 Hanover, Baltimore, Md.

Valves (Air)

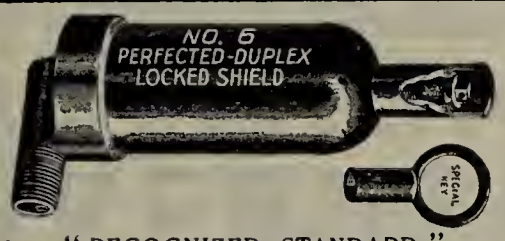
American Radiator Co. (Automatic, etc.). General Office, 282 Michigan av, Chicago, Ill.; Branch Offices, Boston, Mass.; Phila., Pa.; Buffalo, N. Y.; St. Louis, Mo.; Minneapolis, Minn.; 44 E 20th, N. Y.; Denver, Col., & 143 Queen Victoria, London, England
American Steam Gauge & Valve Co., 208 Camden, Boston, Mass.; 26 Cortlandt, N. Y., & 16 N Canal, Chicago, Ill.
Argon Mfg. Co., Denver, Col.
Belfield, H. & Co., 435 N Broad, Phila., Pa.
Belknap Mfg. Co., Bridgeport, Conn.
Buckeye Iron & Brass Works, Dayton, O.
Chapman Valve Mfg. Co., Indian Orchard, Mass.
Chicago Air & Water Valve Co. (The Stager), 31 S Canal, Chicago
Coffin Valve Co., Neponset, Boston, Mass.
CRANE CO., Est. 1855, Chicago, New York, Philadelphia, St. Louis, Kansas City, Mo.; Sioux City, Omaha, Los Angeles, San Francisco, Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. below)
Davis, Geo. M. Regulator Co. (Radiator), 145 Milwaukee av, Chicago, Ill.
Davis & Roesch Temperature Controlling Co. Automatic, etc.), Newark, N. J., & 136 Liberty, New York
Detroit Heating & Lighting Co., 335 Wight, Detroit, Mich.
Dunham, C. G. Co. ("Norwall"), Marshalltown, Pa.
Eddy Valve Co., Waterford, N. Y.
Erwin & Welch, 35 S Canal, Chicago, Ill.
Exeter Machine Works, 32 Oliver, Boston, Mass. & Exeter, N. H
Foster Engineering Co. (Automatic, etc.), 107 Monroe, Newark, N. J.
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
Gold Car Heating & Lighting Co., 17 Battery pl, New York
Goodrich, Judson A. Co. (Mfrs.' Agts.), 105 Beekman, N. Y.
Griffing, A. A. Iron Co. (Automatic, etc.), Jersey City, N. J.
Harlem Mfg. Co. (Automatic, etc.), 42 W 67th, N. Y.
Hoffmann, B. Mfg. Co., 257 6th, Milwaukee, Wis.
Hoffmann & Billings Mfg. Co., 96 2d, Milwaukee, Wis.
Illinois Malleable Iron Co. (Automatic, etc.), 30 W Monroe, Chicago, Ill.
Jarecki Mfg. Co., Erie & Pittsburg, Pa.
Jenkins Bros. (Automatic, etc.), 71 John, N. Y.; 35 High, Boston, Mass.; 133 N 7th, Phila., Pa., & 31 N Canal, Chicago, Ill.
Kelly & Jones Co. (Compression & Lock Shield), 135 Water, Pittsburg, Pa.; 15 Park Row, New York, & 59 Clark, Chicago, Ill. Works, Greensburg, Pa.
Lawler Water Feed & Damper Regulator Co. ("Lawler" Automatic Floatless for Hot Water Radiators), 181 Mercer, New York
Ludlow Valve Mfg. Co., Troy, N. Y., & 60 Gold, N. Y.
LUNKENHEIMER CO. General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, New York, & 35 Great Dover, London, S. E., England. (See adv. opp. next page)
McRae & Roberts Co., Detroit, Mich.
McShane, Henry Mfg. Co., 441 North, Baltimore, Md
Marsh, James P. & Co. (The Marsh Paul), 224 Washington, Chicago, Ill
MONASH-YOUNKER CO., Steam & Hot Water, "Perfection Duplex Monash"), 203 S Canal, Chicago, Ill., & 43 Centre, N. Y. (See adv. below)
Morgan & Co. ("Morgan's Twentieth Century Vacuum), 40 Dearborn, Chicago, Ill.
Niagara Radiator Co., Buffalo, N. Y.. & N. Tonawanda, N. Y.
Norwall Mfg. Co. ("Allen" Automatic Non-Adjustable), 40 Dearborn, Chicago, Ill.
Pierce, Butler & Pierce Mfg. Co., Syracuse, N. Y.; 254 4th av, N. Y.; 24 S 7th, Phila., Pa., & 50 Oliver, Boston, Mass.
Powell, Wm. Co., 2529 Spring Garden av, Cincinnati, O.
Scott Valve Co. (Automatic, etc.), 32 W Randolph, Chicago, Ill.
Smith, H. B. Co., 137 Centre, New York, 510 Arch, Phila., Pa., & Westfield, Mass.
Thompson, J. & Co. (Poppet), c Van Horn & Sophia, Phila., Pa.
Van Auken-Clevauc (Syphon Automatic), Yonkers, N. Y.
Walworth Mfg. Co., 132 Federal, Boston, Mass., & 15 Park Row, New York
Western Tube Co., Kewanee, Ill.

Valves (Air Discharge, Pressed Steel)

PRESSED STEEL TANK CO. (For Blowing Engines & Compressors), 720 Hanover, Milwaukee, Wis. (See adv. index, end of book)

Valves Air, for Coal Mines

Kelly & Jones Co., 135 Water, Pittsburg, Pa.; 15 Park Row, N. Y., & 59 Clark, Chicago, Ill. Works, Greensburg, Pa.



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Valves (Ammonia)

Amerivan Valve Co., Coxsackie, N. Y.
Arctic Machine Co., Canton, O.
Belfield, H. & Co., 435 N Broad, Phila., Pa.
Chapman Valve Mfg. Co., Indian Orchard, Mass.
Dimmick Pipe Co., Birmingham, Ala.
Darling Pump Mfg. Co., Williamsport, Pa.
Kcunedy Valve Mfg. Co., 57 Beekman, New York, & Coxsackie, N. Y.
Ludlow Valve Mfg. Co., Troy, N. Y., & 60 Gold, N. Y.
Triumph Ice Machinc Co., 610 Baymiller, Cincinnati, O.
Vogt, Henry Machine Co., Louisville, Ky.
Wolf, Fred W. Co. (Angle, Check, Globe, Plug, Expansion Gate & Steep Tank), 139 Rees, Chicago, Ill.

Valves (Angle)

(See Valves, Globe & Angle.)

Valves (Asbestos Packed)

CRANE CO., Est. 1855, Chicago, New York, Philadelphia, St. Louis, Kansas City, Mo.; Sloux City, Omaha, Los Angeles, San Francisco, Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. preceding page)
Fairbanks Co., 186 Elm c Broome, New York. (For Branches See Valve Mfrs.)
Pratt & Cady Co., Hartford, Conn.
Western Valve Co., 43 W Randolph, Chicago, Ill.

Valves (Automatic Air)

(See Valves, Air.)

Valves (Back Pressure)

Acton, John, 118 John, Brooklyn, N. J.
Aller, A. (Mfrs.' Agt.) (Noiseless), 109 Liberty, N. Y.
American District Steam Co., Lockport, N. Y.
Belfield, H. & Co., 435 N Broad, Phila., Pa.
Belknap Mfg. Co., Bridgeport, Conn.
Best Mig. Co., 25th & A. V. Ry., Pittsburg. Pa.; 39 Cortlandt, N. Y.; Betz bldg, Phila. Pa.
Buckeye Iron & Brass Works, Dayton, O.
Burrows Mfg. Co., York, Pa.
Coldwell Wilcox Co., Newburgh, N. Y.
CRANE CO., Est. 1855, 10 N Jeffer-son, Chicago, Ill.; New York, Phila., St. LoLuis, Kansas City, Mo.; Sioux City, Los Angeles, San Francisco, Omaha, Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. preceding page)
DAVIS, GEO M. REGULATOR CO., 145 Milwaukee av, Chicago, Ill.
Davis, Jno. Co. (Eclipse), 22d & Halstead, Chicago. Ill.
Eastwood Wire Mfg. Co., Belleville, N. J.
Eaton, Cole & Burnham Co., 253 B'way, N. Y.
Edwardsville Brass Co., Edwardsville, Ill.
Erwin & Welch (Air & Water), 35 S Canal, Chicago. Ill.
Fairbanks Co., 186 Elm c Broome, New York. (For Branches See Valve Mfrs.)
Ford, Thomas P. Co., 81 Centre, N. Y.
Foster Engineering Co., 107 Monroe, Newark, N. J.
Goodrich, Judson A. Co. (Mfrs.' Agts.), 105 Beekman, N. Y.
Hoffman, B. Mfg. Co., 257 6th, Milwaukee, Wis.
Hoffman & Billings Mfg. Co., 96 2d Mllwaukee, Wis.
Hussey, McCann & Co., 37 Dey, N. Y.
Illinois Malleable Iron Co., 30 W Monroe, Chicago. Ill.
Jenkins Bros., 71 John, New York; 35 High, Bostou, Mass.; 31 N Canal, Chicago, Ill., & 133 N 7th, Philadelphia, Pa.
Kelly & Jones Co., 135 Water, Pittsburg, Pa.; 15 Park row, New York, 59 Clark, Chicago, Ill. Works. Greensburg, Pa.
Kieley & Mueller, 34 W 13th, N. Y.
Klipfel & Thomas Co. ("K. & T."), 74 W Lake, Chicago, Ill.
McCann, Andrew (Water), 738 E 47th, Chicago. Ill.
McShane, Henry, Mfg. Co., 441 North, Baltl more, Md.
Pratt & Cady Co., 556 Capitol av, Hartford. Conn.
Queen City Brass & Iron Works, Cincinnati, O.
Reliance Engineering Co., Duluth, Minn.
Schutte, L. & Co., 1251 N 12th, Phila., Pa.
Scott Valve Co., 32 W Randolph, Chicago, Ill.
Standard Steam Specialty Co. (Utility), 542 W B'way, New York
Stephens, Roe Mfg. Co., 1072 McKinley av, Detroit, Mich.
Thomas Brass & Iron Co., Waukegon, Ill.
Van Auken-Clevauc Co. ("Clevauc"), Yonkers, N. Y.
Western Tube Co., Kewankee, Ill.
Western Valve Co., 43 W Randolph, Chicago, Ill.

Valves (Balance)

Acton, John, 118 John, Brooklyn, N. Y.
American Balance Slide Valve Co. (High Pressure), 124 New Montgomery, San Francisco, Cal., & Jersey Shore, Pa.
Belfield, H. & Co., 435 N Broad, Phila., Pa.
Central Brass Works, 322 W Pearl, Cincinnati, O.
CRANE CO., Est. 1855, 10 N Jeffer-son, Chicago, Ill.; 496 Cherry, N. Y.; Phila., Pa.; St. Louis, Mo.; Kansas City, Mo.; Sioux City, Ia.; Omaha, Neb.; Los Angeles & San Francisco, Cal.; Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. preceding page)
Creamer Steam Specialties Co. (Perfection), 123 Liberty, N. Y.
Davis, G. M. Regulator Co. (Steam, Air & Water), 145 Milwaukee av, Chicago, Ill.
Dow, Geo. E. Pumping Engine Co., 179 1st. San Francisco, Cal.
Ford, Thos. P. Co. (Tank), 81 Centre, New York
Foster Engiueering Co., Newark, N. J.
Gardner Governor Co., Quincy, Ill.
Glenn, C. C., 115 Fremont, Chicago, Ill.
Hammett, H. G., 476 8th, Troy, N. Y.
Klipfel & Thomas Co. ("K. & T."), 74 W
Locke Regulator Co., Salem, Mass.
McShane, Henry Mfg. Co., 441 North Baltimore, Md.
Mason Regulator Co., 158 Summer, Boston, Mass.
Schutte, L. & Co., 1251 N 12th, Phila., Pa.
Scott Valve Co., 32 W Randolph, Chicago, Ill.
Stephens, Roe Mfg. Co., 1072 McKinley av, Detroit, Mich.

Valves, Balls (Rubber)

Revere Rubber Co., 77 Bedford, Bostou, Mass.; 59 Reade, New York; Phila., Pa.; Chicago, Ill., & San Francisco, Cal.
Mass.

Valves (Blast & Gas)

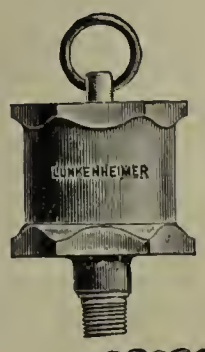
Chapman Valve Mfg. Co., Indian Orchard, Mass.
Connersville Blower Co., Connersville, Ind.
CRANE CO., Est. 1855, Chicago, New York, Philadelphia, St. Louis, Kausas City, Mo.; Sioux City, Omoha, Los Angeles, Sau Francisco, Portland, Orc.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. preceding page)
Roots, P. H. & F. M. Co., Connersville, Ind., & 109 Liberty, N. Y.
Weimer Machine Works Co., Lebanon, Pa.

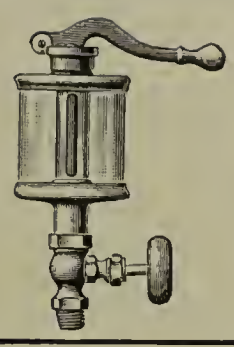
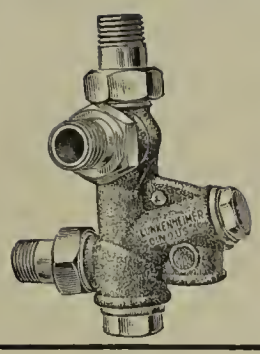
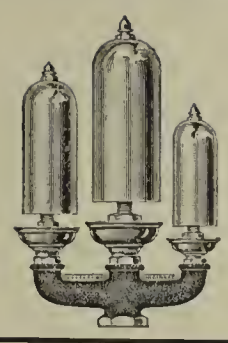
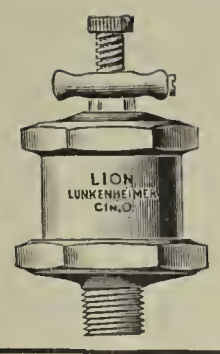
Valves (Blow-off)

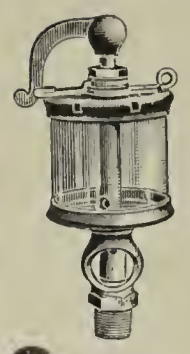
Bardo, L. J. Co. (Inc.) (For Locomotives), 12th & Thompson, Phila., Pa.
Belfield, H. & Co., 435 N Broad, Phila., Pa.
Best Mfg. Co., 25th & A. V. Ry., Pittsburg, Pa.; 39 Cortlandt, N. Y.; Betz bldg, Phila., Pa.
Cadman, A. W. Mfg. Co. (High Pressure), etc.), 2814 Smallman, Pittsburg, Pa.
Chapman Valve Mfg. Co., Indian Orchard. Mass.
Crosby Steam Gage & Valve Co., 95 Oliver, Boston, Mass.; 21 W Lake, Chicago, & 78 John, New York
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
Davis, John Co. (Eclipse), 22d & Halstead, Chicago, Ill.
Eastwood Wire Mfg. Co. (For Digesters, etc.), Belleville, N. J.
Eynon-Evans Mfg. Co., 1519 Clearfield, Phila., Pa., & 107 Liberty, N. Y.
Hoffmann, B., Mfg. Co., 257 6th, Milwaukee, Wis.
Hoffmann & Billings Mfg. Co., 96 2d, Milwaukee, Wis.
Homestead Valve Mfg. Co., Homestead, Pa.
Jenkins Bros., 71 John, N. Y.; 31 N Canal, Chicago, Ill.; 35 High, Boston, Mass.; 133 N 7th, Philadelphia, Pa.
Kelly & Jones Co., 135 Water, Pittsburg, Pa.; 15 Park row, New York, & 59 Clark, Chica- Ill. Works, Greensburg, Pa.
Liberty Mfg. Co. ("Faber," Self-Cleaning), 6907 Susquehanna, Pittsburg, Pa.
LUNKENHEIMER CO. General Of-fices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, New York, & 35 Great Dover, London, S. E., England. (See adv. opp this page)
Powell, Wm. Co., 2525 Spring Grove av, Cincinnati, O.
Queen City Brass & Iron Works, Spring Grove & Girard avs, Cincnnati, O.
Watson & McDaniel Co., 146 N 7th, Philadelphia, Pa.
Western Valve Co., 43 W Randolph, Chicago,
Wickes Bros., Saginaw, Mich. Ill.
Willams Gauge Co., Pittsburg, Pa.

Valves (Check)

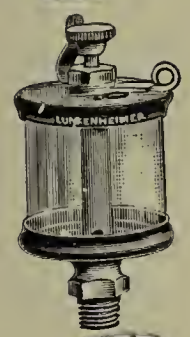
Albany Steam Trap Co., Albany, N. Y.
American Valve Co., Coxsackie, N. Y.
American Valve & Meter Co., 1119 Gest, Cincinnati, O.
Belfield, H. & Co., 435 N Broad, Phila., Pa.
Belknap Mfg. Co., Bridgeport, Conn.
Best Mfg. Co., 25th & A. V. Ry., Pittsburg, Pa.; 39 Cortlandt, N. Y.; Betz bldg, Phila., Pa.
Buckeye Iron & Brass Works, Dayton, O.
Central Brass Works, 322 W Pearl, Cincinnati, O.
Chapman Valve Mfg. Co., Indian Orchard, Mass.
Coffin Valve Co., Neponset, Boston, Mass.
Coldwell-Wilcox Co., Newburg, N. Y.
CRANE CO. (Est. 1855), 10 N Jef-ferson, Chicago. Ill.; New York, Philadelphia, St. Louis, Kansas City, Mo.; Sioux City, Los Angeles, San Francisco, Omana, Portlaud, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
Davis, G. M. Regulator Co. (Auto), 145 Milwaukee av, Chicago, Ill.
Draper Mfg. Co. (Ball Check), Port Huron, Mich.
Eastwood Wire Mfg. Co. (Regrindng), Belleville, N. J.
Eaton, Cole & Burnham Co., 253 B'way, N. Y.
Eddy Valve Co., Waterford, N. Y.
Evans Mfg. Co., Butler, Pa.
Eynon-Evans Mfg. Co. (Extra Heavy), Clearfield, Pa., & 107 Liberty, N. Y.
Fairbanks Co., 186 Elm c Broome, New York. (For Branches, See Valve Mfrs.)
Forest City Brass Works, Cleveland, O.
Foster Engineering Co., 107 Monroe, Newark, N. J.
Glenn, C. C., 115 Fremont, Chicago, Ill.
HANCOCK INSPIRATOR CO., THE, 85, 87, 89 Liberty, New York, & 22, 24, 26 S Canal, Chicago, Ill.
HAYDEN & DERBY MFG. CO., THE (Swing), 85, 87, 89 Liberty, New York, N. Y., & 22, 24, 26 S Canal, Chicago, Ill. Works, 1 Watson, Boston, Mass.
Hennebohle, Frank (Automatic), Chicago & Erie avs, So. Chicago, Ill.
Hoffmann, B. Mfg. Co., 257 6th, Milwaukee, Wis.
Hoffmann & Billings Mfg. Co., 96 2d, Milwaukee, Wis.
Homer Brass Works (Inc.), 231 Race, Phila., Pa.
Ideal Mfg. Co., 546 Franklin, Detroit, Mich.
Illinois Malleable Iron Co., 30 W Monroe, Chicago, Ill.
Jarecki Mfg. Co., Erie & Pittsburg, Pa.
Jenkius Bros., 71 John, N. Y.; 35 High, Boston, Mass.; 133 N 7th, Philadelphia, Pa., & 31 N Canal, Chicago, Ill.
Kelly & Jones Co., 135 Water, Pittsburg, Pa.; 15 Park Row, New York. & 59 Clark, Chicago, Ill. Works, Galesburg, Pa.

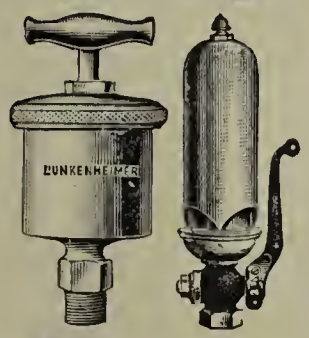




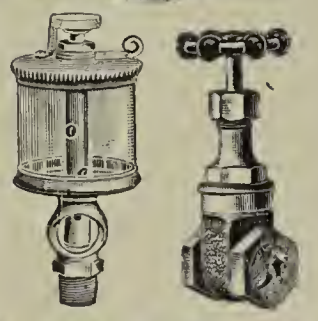










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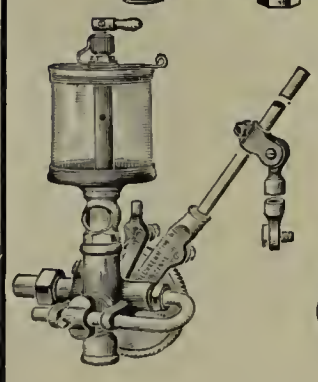
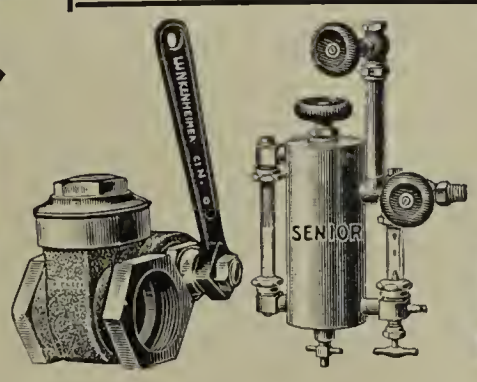
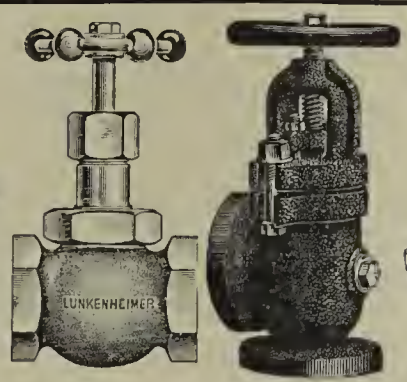
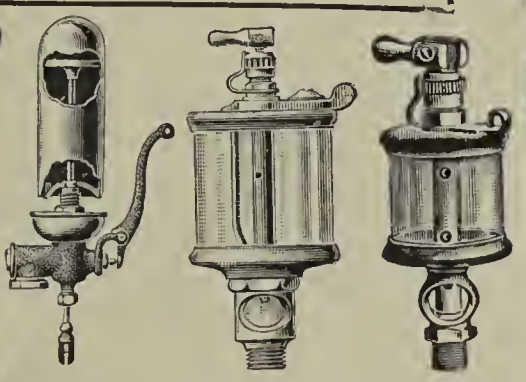
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Kinsey & Mahler Co., Peoria, Ill.
Lee Injector Mfg. Co., So. Park, Port Huron, Mich.
Locke Regulator Co., Salem, Mass.
Loetzer Valve & Mfg. Co. ("Loetzer-Dual"), Towanda, Pa.
Lonergan, J. E. & Co., 211 Race, Phila., Pa.
Ludlow Valve Mfg. Co., Troy, N. Y., & 62 Gold, N. Y.
LUNKENHEIMER CO. (Ball & Swing), General Offices: Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, New York, 35 Great Dover, London, S. E., England. (See adv. opp. this page)
McDonald, A. Y., & Morrison Mfg. Co., Dubuque, Ia.
McNab & Harlin Mfg. Co., 56 John, N. Y.
McShane, Henry Mfg. Co., 441 North Baltimore, Md.
Morgan Engineering Co., Alliance, O.
Nelson, Chas., 439 E 10th, N. Y.
Nelson, N. O., Mfg. Co., 8th & St. Charles, St. Louis, Mo.
Ohio Brass Co., Mansfield, O.
Powell, Wm. Co., 2529 Spring Grove av, Cincinnati, O.
Queen City Brass & Iron Works, Spring Grove & Garrard avs, Cincinnati, O.
Regester's, J. Sons Co., 49 W Holliday, Baltimore, Md.
Schutte, L. & Co., 1251 N 12th, Phila., Pa.
Scott Valve Co., 32 W Randolph, Chicago, Ill.
Springfield Brass Co., Springfield, O.
Stephens, Roe Mfg. Co., 1072 McKinley av, Detroit, Mich.
Thomas, C. W., Detroit, Mich.
Thomas Brass & Iron Co., Waukegan, Ill.
Thompson, J. & Co., cor Van Horn & Sophia, Philadelphia, Pa.
Western Tube Co., Kewanee, Ill.
Western Valve Co., 43 W Randolph, Chicago, Ill.

Valves (Chronometer)

Kelly & Jones Co., 135 Water, Pittsburg, Pa.; 15 Park Row, New York, & 59 Clark, Chicago, Ill. Works, Greensburg, Pa.
Scott Valve Co., 32 W Randolph, Chicago
Union Water Meter Co., 31 Herman, Worcester, Mass.

Valves (Closet Flushing)

Cooper, Wm. S. Brass Works (Atavic), 437 N 12th, Phila., Pa.
Dalton Ingersoll Co., 169 High, Boston, Mass.
Dececo Co. ("Carson N. B." "D. C."), 146 Boston, Mass.
Elger Co., 81 Fulton, New York
Federal Co., Old Colony bldg, Chicago, Ill.
Gillin Valve Co., 128 W 33d, New York
Ideal Mfg. Co., 546 Franklin, Detroit, Mich.
Kenney Mfg. Co. ("Flushometer"), 36 E 22d, New York
McDonald & Morrison Mfg. Co., A. Y., Dubuque, Ia.
Mott, J. L. Iron Works, 88 Beekman, New York
Nethery Hydraulic Valve Co., Indianapolis, Ind.

Valves (Critchlow)

Morgan Engineering Co., Alliance, O.
Pittsburg Valve, Foundry & Construction Co., 5th & Duquesne Way, Pittsburg, Pa.

Valves (Fibre)

American Vulcanized Fibre Co., Wilmington, Del.
Delaware Hard Fibre Co., Wilmington, Del.
Diamond State Fibre Co., Elsmere, Del.

Valves (Filter Press)

LUNKENHEIMER CO., General Offices: Beckman & Waverly, Cincinnati, O.; 26 Cortlandt, New York, & 35 Great Dover St, London, S. E., England. (See adv. index, end of book)

Valves (Fire Extinguisher)

Chapman Valve Mfg. Co., Indian Orchard, Mass.
Walworth Mfg. Co., 132 Federal, Boston

Valves (Float)

American Valve & Meter Co. ("Poage's"), 1119 Gest, Cincinnati, O.
Butler Co., Butler, Ind.
CALDWELL, W. E. CO., Brandeis av & Brook, Louisville, Ky. (See adv. index, end of book)
Clow, Jas. B. & Sons (the Dececo), Chicago
Eddy Valve Co. (Automatic Balance), Waterford, N. Y.
Foster Engineering Co., Newark, N. J.
Foster, F. W. Mfg. Co., Boston, Mass.
Hayes Pump & Planter Co. (the Enterprise), Galva, Ill.
New Bedford Boiler & Machine Co., New Bedford, Mass.

Valves (Flushing)

Albany Brass & Iron Co., Albany, N. Y.
American Pin Co. (Syphon), Waterbury, Conn.
Boston Brass Co., 36 Oliver, Boston, Mass.
Central Brass Works, 322 W Pearl, Cincinnati, O.
Columbus Brass Co., Columbus, O.
Cooper, Wm. S. Brass Works (Atavic), 437 N 12th, Philadelphia, Pa.
Dalton-Ingersoll Co., 169 High, Boston, Mass.
Dececo Co. ("Carson N-B, "D-C"), 146 High, Boston, Mass.
Edwardsville Brass Co., Edwardsville, Ill.
Federal Co., 63 Market, Chicago, Ill.
Foster, F. W. Mfg. Co. ("Nev-R-Lek"), 6 Portland. Boston, Mass.
Haines, Jones & Cadbury Co., 1136 Ridge av, Philadelphia, Pa.
Haydenville Co., Haydenville, Mass., & 150 Nassau, New York
Heap, Wm. (Syphon), Muskegon, Mich.
Homer Brass Works (Inc.), 231 Race, Philadelphia, Pa.
Humphreys Mfg. Co., Mansfield, O.
Ideal Mfg. Co., 546 Franklin, Detroit, Mich.
Keystone Sanitary Supply Co. ("Dr. Isago's"), Pittsburg, Pa.
Knott-Van Arnam Mfg. Co., Ft. Wayne, Ind.
Lipp, Louis Co., Mitchell av & B. &. O. S. R. R. Tracks, Cincinnati, O., & 104 High, Boston, Mass.
McCambridge & Co. (Ltd.), 527 Cherry, Philadelphia, Pa.
McDonald & Morrison Mfg. Co., A. Y., Dubuque, Ia.
Mott, J. L. Iron Works, 88 Beekman, New York
Nelson, N. O. Mfg. Co., 6th & St. Charles, St. Louis, Mo.
Park & McKay Co., 55 Bagley av, Detroit, Mich.
Pfau Mfg. Co., 532 Hunt, Cincinnati, O.
Springfield Brass Co., Springfield, Mass.
Standard Sanitary Mfg. Co., Arrott bldg, Pittsburg, Pa.
Street & Kent Mfg. Co., 109 S Jefferson, Chicago, Ill.

Valves (Foot)

Belfield, H. & Co., 435 N Broad, Phila., Pa.
Best Mfg. Co., 25th & A. V. Ry., Pittsburg, Pa.; 39 Cortlandt, N. Y.; Betz bldg, Phila., Pa.
Billings, B. Mfg. Co., Milwaukee, Wis.
Billings & Hoffman Mfg. Co., Milwaukee, Wis.
Bourbon Copper & Brass Works, 618 E Front, Cincinnati, O.
Coffin Valve Co., Neponset, Boston, Mass.
CRANE CO., Est. 1855, Chicago, New York, Philadelphia, St. Louis, Kansas City, Mo.; Sioux City, Omaha, Los Angeles, San Francisco, Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Darling Pump Mfg. Co., Williamsport, Pa.
Eastwood Wire Mfg. Co., Belleville, N. J.
Eddy Valve Co., Waterford, N. Y.
Hoffman, B. Mfg. Co., 257 6th, Milwaukee, Wis.
Ill. Malleable Iron Co., 30 W Monroe, Chicago, Ill.
Kelly & Jones Co. (Iron), 135 Water, Pittsburg, Pa.; 15 Park Row, N. Y., & 59 Clark, Chicago, Ill. Works, Greensburg, Pa.
Lee Injector Mfg. Co., So. Park, Port Huron, Mich.
LUNKENHEIMER CO., Cincinnati, O.; 26 Cortlandt, New York, & 35 Great Dover, London, S. E., England. (See insert opp. preceding page)
New Bedford Boiler & Machine Co., New Bedford, Mass.
Newman Mfg. Co. (Continuous Service), 26 Cortlandt, N. Y.
Pancoast, H. B. & Co., 243 S 13th, Phila., Pa.
Thomas, C. W., Detroit, Mich.
Thompson, J. & Co., cor Van Horn & Sophia, Philadelphia, Pa.
Western Tube Co., Kewanee, Ill.

Valves (Garbage)

Kennedy Valve Mfg. Co., 57 Beekman, New York, & Coxsackie, N. Y.

Valves (Gas Main)

Bate, Wm. T. & Son, Conshohocken, Pa.
Beaumont, Richard, Kankakee, Ill.
Bowler Foundry Co., Cleveland, O.
Chapman Valve Mfg. Co., Indian Orchard, Mass.
CRANE CO., Est. 1855, Chicago, New York, Philadelphia, St. Louis, Kansas City, Mo.; Sioux City, Omaha, Los Angeles, San Francisco, Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
Eaton, Cole & Burnham Co., 253 B'way, N. Y.
Eddy Valve Co., Waterford, N. Y.
Hoffmann, B. Mfg. Co., 257 6th, Milwaukee, Wis.
Hoffmann & Billings Mfg. Co., 96 2d, Milwaukee, Wis.
Kerr, Murray Mfg. Co., Fort Wayne, Ind.
Loetzer Valve & Mfg. Co. ("Loetzer Dual"), Towanda, Pa.
Ludlow Valve Mfg. Co., Troy, N. Y., & 62 Gold, N. Y.
McNab & Harlin Mfg. Co., 56 John, N. Y.
NATIONAL VALVE CO., Sandusky, O. (See adv. index, end of book)
Pittsburg Valve Foundry & Construction Co., Pittsburg, Pa.
Rensselaer Mfg. Co., Troy, N. Y.
Stephens, Roe Mfg. Co., 1072 McKinley av, Detroit, Mich.
Scott Valve Co., 32 W Randolph, Chicago
Thomas, C. W., Detroit, Mich.
Thompson, J. & Co., Van Horn & Sophia, Phila., Pa.
Walworth Mfg. Co., 132 Federal, Boston, Mass., & 17 Park row, New York
Williamsport Valve & Hydrant Co., Williamsport, Pa.

Valves (Gas & Blast)

Roots, P. H. & F. M. Co., Connersville, Ind., & 120 Liberty, New York

Valves (Gas or Coke Oven)

Kennedy Valve Mfg. Co. (Light All Iron Gate with Steel Stem), 57 Beekman, New York, & Coxsackie, N. Y.

Valves (Gas, Siemen)

Velte Foundry & Machine Co., Home & A. V. R. R., Pittsburg, Pa.

Valves (Gate)

Albany Steam Trap Co., Albany, N. Y.
American District Steam Co. (Packless Iron & Brass Body), Lockport, N. Y.

American Valve & Meter Co. (Brass), 1119 Gest, Cincinnati, O.
Belfield, H. & Co. (Brass or Iron), 435 N Broad, Phila., Pa.
Best Mfg. Co., 25th & A. V. Ry., Pittsburg, Pa.; 39 Cortlandt, N. Y.; Betz bldg, Phila., Pa.
Bourbon Copper & Brass Co., 618 E Front, Cincinnati, O.
Cayuta Wheel & Foundry Co. (for Steam, Gas & Oil), Sayre, Pa.
Central Brass Works, 322 W Pearl, Cincinnati, O.
Chapman Valve Mfg. Co., Indian Orchard. Mass.
Coldwell-Wilcox Co., Newburg, N. Y.
CRANE CO., Est. 1855, 10 N Jefferson, Chicago, Ill.; New York, Philadelphia, St. Louis, Kansas City, Sioux City, Los Angeles, San Francisco, Omaha, Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Darling Pump & Mfg. Co., Williamsport, Pa.
Eastwood Wire Mfg. Co., Belleville, N. J.
Eaton, Cole & Burnham Co., 253 B'way, N. Y.
Eddy Valve Co. (Eddy Parallel & Taper Seat), Waterford, N. Y.
Exeter Machine Works, 32 Oliver, Boston, Mass., & Exeter, N. Y.
Fairbanks Co., 186 Elm c Broome, New York. Branches, See Valve Mfrs.)
Fales & Jenks Machine Co., Pawtucket, R. I.
Forest City Brass Works (Straight Way, etc.), Cleveland, O.
Harvey's, A. Sons Mfg. Co., 22 1st, Detroit, Mich.
Hoffmann, B. Mfg. Co., 257 6th, Milwaukee, Wis.
Hoffmann & Billings Mfg. Co., 96 2d, Milwaukee, Wis.
Homestead Valve Mfg. Co. (Straightway), Homestead, Pa.
Illinois Malleable Iron Co., 30 W Monroe, Chicago
Jarecki Mfg. Co., Erie & Pittsburg, Pa.
Jenkins Bros., 71 John, N. Y.; 35 High, Boston, Mass.; 133 N 7th, Phila., Pa., & 31 N Canal, Chicago, Ill.
Kelly & Jones Co. (Brass & Iron), 135 Water, Pittsburg, Pa.; 15 Park row, New York, & 59 Clark, Chicago. Works, Greensburg, Pa.
Kennedy Valve Mfg. Co. (Iron, Brass & Bronze), 57 Beekman, New York, & Coxsackie, N. Y.
Libby Mfg. Co. ("Vincent"), 147 Varick, N. Y.
Ludlow Valve Mfg. Co., Troy, N. Y., & 62 Gold, N. Y.
LUNKENHEIMER CO. General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, New York, & 35 Great Dover, London, S. E., England. (See insert opp. preceding page)
McLean, John, 440 Water, N. Y.
McNab & Harlin Mfg. Co., 56 John, N. Y.
McShane, Henry Mfg. Co., 441 North, Baltimore. Md.
NATIONAL VALVE CO. ("Vincent"), Sandusky, O. (See adv. below)
Nelson Valve Co., Wyndmoor, Pa., & 136 Liberty, New York
Pittsburg Valve Foundry & Construction Co., 5th & Duquesne, Pittsburg, Pa.
Powell, Wm. Co., 2629 Spring Grove av, Cincinnati, O.
Pratt & Cady Co., 556 Capitol av, Hartford, Conn.
Queen City Brass & Iron Works (Brass & Iron Body), Spring Grove & Garrard avs, Cincinnati, O.
Reading Foundry Co., Reading, Pa.
Rensselaer Mfg. Co., Troy, N. Y.
Scott Valve Co., 32 W Randolph, Chicago, Ill.
South Park Fonudry & Machine Co. (For Water Mains), St. Paul, Minn.
STEIN, HENRY, 48 Cliff, New York. (See adv. index, end of book)
Stephens, Roe Mfg. Co. (Scott's High Pressure, etc.), 1072 McKinley av, Detroit, Mich.
STRONG, CARLISLE & HAMMOND CO., 61 Frankfort, Cleveland, O. (See adv. index, end of book)
Thomas, C. W., Detroit, Mich.
Thompson, J. & Co., Van Horn & Sophia, Phila., Pa.
Walworth Mfg. Co., 132 Federal, Boston, Mass., & 17 Park Row, New York
Western Tube Co. (Brass & Iron), Kewanee, Ill.
Western Valve Co., 43 W Randolph, Chicago, Ill.
Wood, R. D. & Co., 400 Chestnut, Phila., Pa., & 42 Scott, Chicago, Ill.

Valves (Gate, for Water Mains)

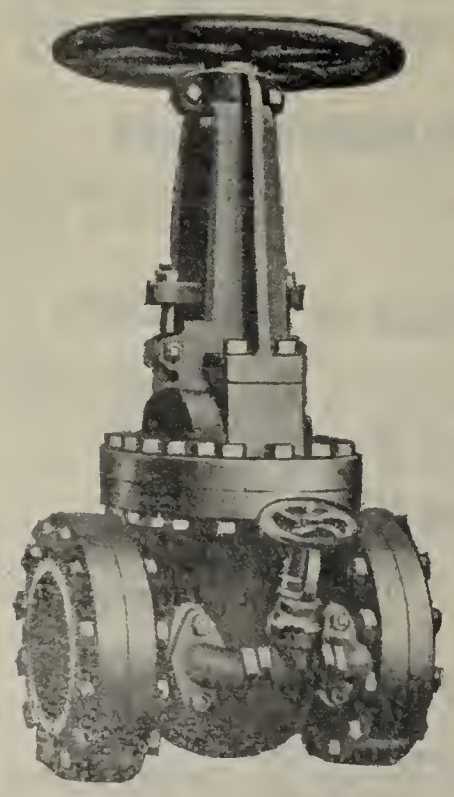
Beaumont, Richard, Kankakee, Ill.
Bourbon Copper & Brass Wks, 618 E Front, Cincinnati, O.
Cayuta Wheel & Foundry Co., Sayre, Pa
Chapman Valve Mfg. Co., Indian Orchard, Mass.
Coldwell-Wilcox Co., Newburgh, N. Y.
CRANE CO., Est. 1855, Chicago, New York, Philadelphia, St. Louis, Kansas City, Mo.; Sioux City, Los Angeles, Omaha, San Francisco, Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Darling Pump & Mfg. Co., Williamsport, Pa.
Dimmick Pipe Co., Birmingham, Ala.
Drummond, M. J. & Co., 182 B'way, New York
Eddy Valve Co., Waterford, N. Y.
Kennedy Valve Mfg. Co., 57 Beekman, New York, & Coxsackie, N. Y.
Ludlow Valve Mfg. Co., Troy, N. Y., & 62 Gold, N. Y.
McLean, Jno., 440 Water, New York
National Car Wheel Co., Sayre, Pa.
Reading Foundry Co., Reading, Pa.
Rensselaer Mfg. Co., Troy, N. Y.
Ross Valve Co., 6 Oakwood av, Troy, N. Y.
Smith, A. P. Mfg. Co., Newark, N. J.
Thomas, C. W., Detroit, Mich.
Thompson, J. & Co., c Van Horn & Sophia Phila., Pa
Walworth Mfg. Co., 132 Federal, Boston
Wood, R. D. & Co., 400 Chestnut, Phila., Pa.

Valves (Generator)

American Lubricator Co. (For Gasoline Engines), Detroit, Mich.
LUNKENHEIMER CO., General Offices: Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, New York, & 35 Great Dover St, London S. E., England. (See adv. index, end of book)

Valves (Globe & Angle)

American Valve Co., Coxsackie, N. Y.
American Valve & Meter Co. (Brass), 1119 Gest, Cincinnati, O.
Bashlin Co., Warren, Pa.
Belfield, H. & Co., 435 N Broad, Phila., Pa.
Belknap Mfg. Co., Bridgeport, Conn.
Best Mfg. Co., Pittsburg, Pa.; 39 Cortlandt, N. Y.; Betz bldg, Phila., Pa.
Buckeye Iron & Brass Works, Dayton, O.
Central Brass Works, 322 W Pearl, Cinn., O.
Chapman Valve Mfg. Co., Indian Orchard, Mass.
Coldwell-Wilcox Co., Newburgh, N. Y.
CRANE CO., Est. 1855, 10 N Jefferson St, Chicago; New York, Philadelphia, St. Louis, Kansas City, Mo.; Siou xCity, Los Angeles, San Francisco, Omaha, Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Crosby Steam Gage & Valve Co., 95 Olive, Boston, Mass.; 21 W Lake, Chicago, Ill., & 78 John, N. Y.
Detroit Lubricator Co. ("Detroit"), Hodges bldg, Detroit, Mich.
Eastwood Wire Mfg. Co., Belleville, N. J.
Eynon-Evans Mfg. Co. (Extra Heavy), 1519 Clearfield, Phila., Pa., & 107 Liberty, N. Y.
Fairbanks Co., 186 Elm c Broome, New York. (For Branches, See Valve Mfrs.)
Gardner Governor Co., Quincy, Ill.
Glenn, C. C., 115 Fremont, Chicago, Ill.
Gustafson Bros. Mfg. Co., Chattanooga, Tenn.
HANCOCK INSPIRATOR CO., THE, 85, 87, 89 Liberty, New York, N. Y., & 22, 24, 26 S Canal, Chicago, Ill.
Hauck Mfg. Co., 322 W Pearl, Cincinnati, O.
HAYDEN & DERBY MFG. CO., THE (Extra Heavy), 85, 87, 89 Liberty, New York, N. Y., & 22, 24, 26 S Canal, Chicago, Ill. Works, 1 Watson, Boston, Mass.
Homer Brass Works, Inc., 231 Race, Phila., Pa.
Howe Mfg. Co. ("Huxley"), Louisville, Ky.
Illinois Malleable Iron Co., 30 W Monroe, Chicago
Jarecki Mfg. Co., Erie & Pittsburg, Pa.
Jenkins Bros. (Brass & Iron Body), 71 John N. Y.; 31 N Canal, Chicago, Ill.; 35 High, Boston, Mass.; 133 N 7th, Philadelphia, Pa
Kelly & Jones Co. (Brass & Iron), 135 Water, Pittsburg, Pa.; 15 Park Row, New York, & 59 Clark, Chicago, Ill. Works, Greensburg, Pa.



THE NATIONAL VALVE CO.,

IMPROVED VINCENT

MANUFACTURERS OF

HIGHEST GRADE GATE, GLOBE AND CHECK VALVES

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NO COMMON COMPETITION GOODS.

WATER WORKS EQUIPMENT.

High-Pressure Valves for Steam Power Plants; Composition Valves according to specifications of U. S. Navy and Merchant Marine.

MAIN OFFICE AND WORKS,

SANDUSKY, OHIO, U. S. A.

Kennedy Valve Mfg. Co., 57 Beekman, New York, & Coxsackie, N. Y.
Keystone Brass Co., Erie, Pa.
Kinsey & Mahler Co. (K. & M.), Peoria, Ill.
Libby Mfg. Co. ("Big 4"), 147 Varick, N. Y.
Locke Regulator Co., Salem, Mass.
Loetzer Valve & Mfg. Co. ("Loetzer Dual"), Towanda, Pa.
LUNKENHEIMER CO. General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, New York, & 35 Great Dover, London, S. E., England. (See insert opp. preceding page)
McDonald, A. Y. & Morrison Mfg. Co., Dupuque, Ia.
McNab & Harlin Mfg. Co., 56 John. N. Y.
McShane, Henry Mfg. Co., 441 North, Baltimore, Md., & 81 Fulton, N. Y.
Morgan Engineering Co., Alliance, O.
NATIONAL VALVE CO. ("Big 4"), Sandusky, O. (See adv. on page opposite)
Nelson Valve Co., Wyndmoor, Pa., & 136 Liberty, New York
New Bedford Boiler & Machine Co., New Bedford, Mass.
Ohio Brass Co., Mansfield, O.
Ohio Pump & Brass Co. (Gas), 18th & Oak, Columbus, O.
Perkes, Chas., 627 Arch, Phila., Pa.
Pioneer Brass Works, 212 S Penn, Indianapolis, Ind.
Pittsburgh Valve, Foundry & Construction Co. (Iron & Brass), 5th & Duquesne Way, Pittsburg, Pa.
Pleuger & Henger Mfg. Co., 11th & Hebert, St. Louis, Mo.
Powell, Wm. Co., 2529 Spring Grove av, Cincinnati, O.
Queen City Brass & Iron Works (Brass), Spring Grove & Garrard avs, Cincinnati, O.
Regester's, J. Sons Co., 49 W Holladay, Baltimore, Md.
Schutte, L. & Co., 1251 N 12th, Phila., Pa.
Scott Valve Co., 32 W Randolph, Chicago
Springfield Brass Co., Springfield, O.
STEIN, HENRY, 48 Cliff, New York. (See adv. index, end of book)
Stephens, Roe Mfg. Co., 1072 McKinley av, Detroit, Mich.
STRONG, CARLISLE & HAMMOND CO., 61 Frankfort, Cleveland, O. (See adv. index, end of book)
Thomas Brass & Iron Co., Waukegan, Ill.
Walworth Mfg. Co., 132 Federal, Boston, & 15 Park Row, New York
Western Tube Co., Kewanee, Ill.
Western Valve Co., 43 W Randolph, Chicago, Ill.

Valves (Greenhouse)

Coldwell-Wilcox Co., Newburgh, N. Y.
CRANE CO., Est. 1855, Chicago, New York, Philadelphia, St. Louis, Kansas City, Mo.; Sioux City, Omaha, Los Angeles, San Francisco, Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Glenn Mfg. Co. (Globe), St. Charles, Ill.

Valves (Gulland Tank)

Best Mfg. Co., Pittsburg, Pa.

Valves (High Pressure)

Eddy Valve Co., Waterford, N. Y.
Ford, Thos. P. Co. (Balance Ball Cock), 81 Centre, N. Y.
NATIONAL VALVE CO., Sandusky, O. (See adv. on page opposite)

Valves (Hopper)

Crampton-Farley Brass Co. ("Star"), Kansas City, Mo.
Edwardsville Brass Co., Edwardsville, Ill.
Savill, Thos., 11th & Wood, Phila., Pa.

Valves (Hose)

Milwaukee Brass Mfg. Co. (For Fire Escape Stand Pipes), Milwaukee, Wis.

Valves (Hydraulic)

American Steam Gauge & Valve Co., 208 Camden, Boston; 35 Dey, N. Y., & 16 N Canal, Chicago
Belfield, H. & Co., 435 N Broad, Phila., Pa.
Burroughs, Chas. Co., 141 Commerce, Newark, N. J.
Chapman Valve Mfg. Co., Indian Orchard, Mass.
CONSOLIDATED SAFETY VALVE Co., The, 85, 87, 89 Liberty, New York, N. Y., & 22, 24, 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.
CRANE CO., Est. 1855, 10 N Jefferson, Chicago, Ill.; New York, Philadelphia, St. Louis, Los Angeles, San Francisco, Omaha, Portland, Ore.; Kansas City, Mo.; Sioux City, Ia.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Darling Pump & Mfg. Co., Williamsport, Pa.
Eastwood Wire Mfg. Co. ("Eastwood"), Belleville, N. J.
Eddy Valve Co., Waterford, N. Y.
Falkenau-Sinclair Co. (Rotary), 109 N 22d, Phila., Pa.
Homestead Valve Mfg. Co., Homestead, Pa.
Morgan Engineering Co., Alliance, O.
NATIONAL VALVE CO., Sandusky, O. (See adv. on page opposite)
Pittsburg Valve Foundry & Construction Co., Pittsburg, Pa.
Powell, Wm. Co., 2529 Spring Grove av, Cincbinnati, O.
Schutte, L. & Co., 1251 N 12th, Philadelphia, Pa.
Sheffield Car Co. (Automatic Relief), Three Rivers, Mich.
Vulcan Works, Chester, Pa.
Watson-Stillman Co., 46 Dey, New York
Watson & McDaniel Co. ("Riggins" Balance Rotating), 146 N 7th, Philadelphia, Pa.

Valves (Indicator)

American Lubricator Co. (For Gas Engines), Detroit, Mich.
CRANE CO., Est. 1855, Chicago, New York, Philadelphia, St. Louis, Kansas City, Mo.; Sioux City, Los Angeles, Omaha, San Francisco, Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Kennedy Valve Mfg. Co. (or Fire, Gate & Indicator Post Valves), 57 Beekman, N. Y., &

Valves (Leather)

Houghton, E. F. & Co. ("Vim" Pump, etc.), 240 W Somerset, Phila., Pa.

Valves (Lock)

Emory, P. P. Mfg. Co. (For Rag Engines), Springfield, Mass.

Valves (Locomotive)

Ashton Valve Co., 271 Franklin, Boston
American Steam Gauge & Valve Mfg. Co. (Pop, Plain & Muffled), 208 Camden, Boston; 26 Cortlandt, N. Y., & 16 N Canal, Chicago
Bardo, L. J. Co. (Inc. ("B. O. Plug Blow-off"), 12th & Thompson, Phila., Pa.
Belfield, H. & Co. (Cylinder), 435 N Broad, Phila., Pa.
Cadman, A. W. Mfg. Co. (Blow-Off), Pittsburg, Pa.
Coale Muffler & Safety Valve Co., Fidelity bldg, Baltimore, Md.
CONSOLIDATED SAFETY VALVE Co., The ("Consolidated" Pop Safety; also with Muffler Attached), 85, 87, 89 Liberty, New York, & 22, 24, 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.
CRANE CO., Est. 1855, Chicago, New York, Philadelphia, St. Louis, Kansas City, Mo.; Sioux City, Omaha, Los Angeles, San Francisco, Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Crosby Steam Gage & Valve Co., 95 Oliver, Boston; 21 W Lake, Chicago, & 78 John, N. Y.
Hammett, M. C. (Balanced Slide), Troy, N. Y.
Homestead Valve Mfg. Co. (Blow-Off), Homestead, Pa.
Kunkle, E. B. & Co. Fort Wayne, Ind.
Lonergan, J. E. & Co. ("Glace" Triplex Seal Check; also Safety Valve, etc.), 211 Race, Phila., Pa.
LUNKENHEIMER CO., Cincinnati, O.; 26 Cortlandt, New York, & 35 Great Dover St, London, England. (See adv. index, end of book)
Schutte, L. & Co., 1251 N 12th, Phila., Pa.

Valves (Muffler)

Coale Muffler & Safety Valve Co., Calvert bldg, Baltimore, Md.
CONSOLIDATED SAFETY VALVE Co., The (Portable Muffler Pop Safety), 85, 87, 89 Liberty, New York, N. Y., & 22, 24, 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.
Lonergan, J. E. & Co., 211 Race, Phila., Pa.

Valves (Needle)

LUNKENHEIMER CO., General Offices: Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, New York, & 35 Great Dover St, London, S. E. England. (See adv. index, end of book)

Valves (Organ)

Homer Brass Works, 231 Race, Phila., Pa.

Valves (Piston)

American Balance Valve Co., San Francisco, Cal., & Jersey Shore, Pa.
Trethewey, Sam'l & Co. (Ltd.), 47th nr Butler Pittsburg, Pa.

Valves (Plug)

Cadman, A. W. Mfg. Co. (Split), Pittsburg, Pa.
Loetzer Valve & Mfg. Co. (Steam, Gas, Air, Oil & Ammonia), Towanda, Pa.

Valves (Pop Safety)

Acton, Jno., 118 John, Brooklyn, N. Y.
American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.; 16 N Canal, Chicago, Ill., & 26 Cortlandt, N. Y.
Ashton Valve Co., 271 Franklin, Boston, Mass.
Bonar, Jas. & Co., Frick bldg, Pittsburg, Pa.
Buckeye Iron & Brass Works, Dayton, O.
Coale, Muffler & Safety Valve Co., Calvert bldg, Baltimore, Md.
CONSOLIDATED SAFETY VALVE Co., The (Consolidated), 85, 87, 89 Liberty, New York, N. Y., & 22, 24, 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.
CRANE CO., Est. 1855, 10 N Jefferson, Chicago, Ill.; New York, Philadelphia, St. Louis, Kansas City, Mo.; Sioux City, Los Angeles, San Francisco, Portland, Ore.; Salt Lake City, Utah; Seattle, Wash.; Omaha, Neb., & Spokane, Wash. (See adv. index, end of book)
Crosby Steam Gage & Valve Co., 95 Oliver, Boston, Mass.; 21 W Lake, Chicago, & 78 John, N. Y.
Fort Wayne Safety Valve Works, 817 Barr, Ft. Wayne, Ind.
Hayden, N. L. Mfg. Co. (Tippett), Columbus, O.
Kunkle, E. B. & Co., Fort Wayne, Ind.
Lonergan, J. E. & Co. ("Linde's" & U. S. Government, Marine & Stationery Boilers), 211 Race, Phila., Pa.
LUNKENHEIMER CO. General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, N. Y., & 35 Great Dover, London, S. E., England. (See adv. index, end of book)
Powell, Wm. Co., 2529 Spring Grove av, Cincinnati, O.
Queen City Brass Works, Cincinnati, O.

Scott Valve Co., 32 W Randolph, Chicago, Ill.
Sherwood Mfg. Co., 34 Washington, Buffalo, N. Y.
Stephens-Roe Mfg. Co., 1072 McKinley av, Detroit, Mich.
Swift Lubricators Co., Elmira, N. Y.
Thomas Brass & Iron Co., Waukegan, Ill.
Walworth Mfg. Co., 132 Federal, Boston, Mass., & 17 Park Row, N. Y.

Valves (Pressure Reducing)

Acton, John, 118 John, Brooklyn, N. Y.
Automatic Reducing Valve Co. (Automatic), 123 La Salle, Chicago
Best Mfg. Co., 25th & A. V. Ry., Pittsburg, Pa.; 39 Cortlandt, N. Y.; Betz bldg., Phila., Pa.
Burton, C. H., 107 W Centre, Cleveland, O.
Bushnell, Jno. S., 120 Liberty, N. Y.
Croslen Mfg. Co. (Automatic), 119 La Salle, Chicago.
DAVIS, GEO. M. REGULATOR CO. (Reducing, Steam, Air & Water), 22d & Halsted, Chicago, Ill.
Davis, Jno. Co. (Eclipse), 69 Michigan, Chicago
D'Este, Julian Co., 24 Canal, Boston, Mass.
Eastwood Wire Mfg. Co., Belleville, N. J.
Eynon-Evans Mfg. Co., 1519 Clearfield, Phila., Pa., & 107 Liberty, New York
Fisher Governor Co., Marshalltown, Ia.
Ford, Thos. P. Co. (Steam & Water), 81 Centre, N. Y.
Harlem Mfg. Co., 42 W 67th, N. Y.
Johnson Electric Service Co. (Steam, Water, Air & Gas), Milwaukee, Wis. For branch offices see "Regulators" (Heat).
Kieley & Mueller, 34 W 13th, N. Y.
Kitts Mfg. Co. (Water). Oswego. N. Y.
Kunkle, E. B. & Co. (Reducing), Ft. Wayne, Ind.
Locke Regulator Co., Salem, Mass.
Lonergan, J. E. & Co. (Pressure), 211 Race, Phila., Pa.
LUNKENHEIMER CO., Cincinnati, O.; 26 Cortlandt, New York, & 35 Great Dover St, LLondon, England. (See adv. index, end of book)
Mason Regulator Co., 158 Summer, Boston, Mass.
MONASH-YOUNKER CO. (Steam), 203 S Canal, Chicago, Ill., & 43 Centre, N. Y. (See adv. index, end of book)
Morgan Engineering Co. (High & Low), Alliance, O.
Nason Mfg. Co. (Reducing), 71 Beekman, N. Y.
New Bedford Boiler & Machine Co., New Bedford, Mass
Ross Valve Co., 6 Oakwood av, Troy, N. Y.
Scott Valve Co., 32 W Randolph, Chicago, Ill.
Standard Steam Specialty Co. (Utility), 542 W B'way, New York
Stephens-Roe Mfg. Co., Detroit, Mich.
Waters Governor Co. (Reducing), 34 Oliver, Boston, Mass.
Watson & McDaniel Co. ("Watson" for Steam, Water & Air), 146 N 7th, Phila., Pa.

Valves (Pump)

(See Valves, Rubber.)

Valves (Radiator)

Albany Steam Trap Co., 60 Church, Albany, N. Y.
American Valve Co., Coxsackie, N. Y.
American Radiator Co., 282 Michigan av, Chicago, Ill.; 44 E 20th, New York; 44 Oliver, Boston, Mass.; 622 Arch, Phila., Pa.; Prudential bldg, Buffalo, N. Y.; 207 N 10th, St .Louis, Mo.; Guaranty Loan bldg, Minneapolis, Minn., & 831 15th, Denver, Col., & Queen Victoria, London, Eng.
American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.; 16 N Canal, Chicago, & 26 Cortlandt, N. Y.
Argon Mfg. Co., Denver, Col., & 105 Beekman, N. Y.
Belfield, H. & Co. (Iron & Brass), 435 N Broad. Phila., Pa.
Buckeye Iron & Brass Works, Dayton, O.
Chapman Valve Mfg. Co., Indian Orchard. Mass
Central Brass Works, 322 W Pearl, Cincinnati. O.
CRANE CO., Est. 1855, 10 N Jefferson, Chicago, Ill.; New York, Philadelphia, St. Louis, Kansas City, Mo.; Sioux City, Los Angeles, San Francisco, Omaha, Portland, Ore.; Salt Lake City, Utah; Seattle, Wash.. & Spokane, Wash. (See adv. index, end of book)
Crosby Steam Gage & Valve Co., 95 Oliver, Boston, Mass.; 21 W Lake, Chicago, & 78 John, N. Y.
Darling Pump & Mfg. Co., Williamsport, Pa.
DAVIS, GEO. M. REGULATOR CO. 145 Milwaukee av, Chicago, Ill.
Detroit Heating & Lighting Co., 335 Wight, Detroit, Mich.
Detroit Lubricator Co. (Quick Opening & Interlocking Steam "Detroit"), Hodges bldg, Detroit, Mich.
Eaton, Cole & Burnham Co., 253 B'way, New York
Eastwood Wire Mfg. Co. ("Belleville"), Belleville, N. J.
Excelsior Steel Furnace Co., 40 W Monroe, Chicago, Ill.
Exeter Machine Works, 32 Oliver, Boston, Mass., & Exeter, N. H.
Fairbanks Co., 186 Elm c Broome, New York. (For Branches, Sce Valve Mfrs.)
Forest City Brass Works, Cleveland, O.
Gold Car Heating & LiLghting Co., 17 Battery pl, New York
Griffing, A. A. Iron Co., Jersey City, N. J.
Gurney Heater Mfg. Co., 74 Franklin, Boston, Mass.
Haydenville Co., Haydenville, Mass., & 150 Nassau, N. Y.
Howe Mfg. Co. (Huxley), Louisville, Ky
Jarecki Mfg. Co., Erie & Pittsburg, Pa.
Jenkins Bros., 71 John, N. Y.; 35 High, Boston, Mass.; 31 N Canal, Chicago, & 133 N 7th, Phila., Pa.
Kelly & Jones Co. ("Universal"), 135 Water, Pittsburg, Pa.; 15 Park Row, N. Y., & 59 Clark, Chicago, Ill. Works, Greensburg, Pa.
Kennedy Valve Co. (With Wood Wheels, etc.), 57 Beekman, New York, & Coxsackie, N. Y.
Locke Regulator Co., Salem, Mass.
LUNKENHEIMER CO. General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, New York; 35 Great Dover, London, S. E., England. (See adv. index, end of book)
McLean, John, 440 Water, New York
McNab & Harlin Mfg. Co., 56 John, New York
MONASH-YOUNKER CO. (Murphy's Packless), 203 S Canal, Chicago, Ill., & 43 Centre, N. Y. (See adv. index, end of book)
NATIONAL VALVE CO., Sandusky, O. (See adv. index, end of book)
New Bedford Boiler & Machine Co., New Bedford, Mass.
Penn Engineering Co., 312 Cherry, Phila., Pa.
Pierce, Butler & Pierce Mfg. Co., Syracuse, N. Y.; 254 4th av, N. Y.; 24 S 7th, Phila., Pa., & 50 Oliver, Boston, Mass.
Powell, Wm. Co., 2529 Spring Grove av, Cincinnati, O.
Queen City Brass & Iron Works, Cincinnati, O.
Regester's, J. Sons Co., 49 W Holliday, Baltimore, Md.
Rensselaer Mfg. Co., Troy, N. Y.
Schutte, L. & Co., 1251 N 12th, Phila., Pa.
Smith, H. B. Co., 133 Centre, New York; 510 Arch, Phila., Pa., & Westfield, Mass.
STEIN, HENRY, 46 Cliff, New York. (See adv. index, end of book)
Stephens, Roe Mfg. Co., 1072 McKinley av, Detroit, Mich.
Syracuse Faucet & Valve Co., Syracuse, N. Y.
Thomas, C. W., Detroit, Mich.
United States Heater Co., Detroit, Mich.
Utica Steam Gauge Co., Frankfort, N. Y.
Van Auken-Clevauc Co., Yonkers, N. Y.
Walworth Mfg. Co., 132 Federal, Boston, Mass., & 15 Park Row, New York
Western Tube Co., Kewanee, Ill.

Valves (Radiator, Automatic Air)

(See Valves, Air.)

Valves (Radiator, Corner)

Chapman Valve Mfg. Co., Indian Orchard, Mass.
CRANE CO., Est. 1855, 10 N Jefferson, Chicago, Ill.; 496 Cherry, N. Y.; Phila., Pa.; St. Louis & Kansas City, Mo.; Sioux City, Ia.; Omaha, Neb.; Los Angeles & San Francisco, Cal.; Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Eastwood Wire Mgf. Co. ("Belleville"), Belleville, N. J.
Forest City Brass Works, Cleveland, O.
LUNKENHEIMER CO., Cincinnati, O.; 26 Cortlandt, New York, & 35 Great Dover St, London, England. (See adv. index, end of book)
Powell, Wm. Co., 2529 Spring Grove av, Cincinnati, O.
Queen City Brass & Iron Works, Cincinnati, O.
Stephens-Roe Mfg. Co., 1072 McKinley av, Detroit, Mich.

*Valves (Radiator, Hot Water)

American Radiator Co., General Office: 282 Michigan av, Chicago, Ill.; 44 E 20th, N. Y.; Boston, Mass.; Phila., Pa.; Buffalo, N. Y.; St. Louis, Mo.; Minneapolis, Minn.; Denver, Col.; 143 Queen Victoria, London, England
Blake & Andros ("The B. & A."), 28 Portland, Boston, Mass.
Buckeye Iron & Brass Works, Dayton, O.
CRANE CO., Est. 1855, Chicago, New York, Philadelphia, St. Louis, Kansas City, Mo.; Sioux City, Omaha, Los Angeles, San Francisco, Portland, Ore; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Chapman Valve Mfg. Co., Indian Orchard, Mass.
Detroit Lubricator Co., Hodges bldg, Detroit, Mich.
Eastwood Wire Mfg. Co. ("Belleville"), Belleville, N. J.
Exeter Machine Co., Exeter, N. H., & 32 Oliver, Boston, Mass.
Forest City Brass Works ("Kennedy"), Cleveland, O.
Hoey, Thos. Supply & Mfg. Co., 399 Atlantic av, Boston, Mass.
Kelly & Jones Co., 135 Water, Pittsburg, Pa.; 15 Park Row, N. Y., & 59 Clark, Chicago, Ill. Works, Galesburg, Pa.
LUNKENHEIMER CO. General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, New York; 35 Great Dover, London, S. E., England. (See adv. index, end of book)
NATIONAL VALVE CO., Sandusky, O. (See adv. index, end of book)
Penn Engineering Co., 312 Cherry, Phila., Pa.
Queen City Brass & Iron Works, Cincinnati, O.
Stephens-Roe Mfg. Co., 1072 McKinley av, Detroit, Mich.
Syracuse Faucet & Valve Co., Syracuse, N. Y.
Western Tube Co. ("Waterloo"), Kewanee, Ill.

Valves (Register)

Judson Governor Co. (For Saw Mills, Mines, Hoisting Engines, etc.), Rochester, N. Y.

Valves (Regrinding)

LUNKENHEIMER CO. General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, New York; 35 Great Dover, London, S. E., England. (See adv. index, end of book)

Valves (Regulating)

(See Regulators, Pump.)

Valves (Relief)

Acton, Jno. (Atmospheric), 118 John, Brooklyn, N. Y.
American Steam Gaugc & Valve Co., 208 Camden, Boston; 35 Dey, N. Y., & 16 N Canal, Chicago
American Valve & Meter Co., Cincinnati, O.

CONSOLIDATED SAFETY VALVE Co., The ("Blackall" for Locomotives), 85, 87, 89 Liberty, New York, N. Y., & 22, 24, 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.
CRANE CO., Est. 1855, 10 N Jefferson, Chicago; New York, Philadelphia, St. Louis, Kansas City, Mo.; Sioux City, Omaha, Los Angeles, San Francisco, Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Davis, Geo. M. Regulator Co. (Open Air), 145 Milwaukee av, Chicago, Ill.
Klipfel & Thomas Co. ("K. & T."), 74 W Lake, Chicago, Ill.
Locke Regulator Co. (Or Vacuum Breaker), Salem, Mass.
Ludlow Valve Mfg. Co., Troy, N. Y., & 92 Liberty, N. Y.
LUNKENHEIMER CO., Cincinnati, O.; 26 Cortlandt, New York, & 35 Great Dover St, London, England. (See adv. index, end of book)
Ross Valve Co. (For Water Mains), Troy, N. Y.
Schutte, L. & Co., 1251 N 12th, Phila., Pa.
Thomas, C. W., Detroit, Mich.

Valves (Renewable Seat)

Albany Steam Trap Co., Albany, N. Y.
Chapman Valve Mfg. Co., Indian Orchard, Mass.
CRANE CO., Est. 1855, 10 N Jefferson, Chicago; New York, Philadelphia, St. Louis, Kansas City, Mo.; Sioux City, Omaha, Los Angeles, San Francisco, Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Eastwood Wire Mfg. Co. (Also Disc), Belleville, N. J.
LLibby Mfg. Co., 147 Varick, New York
LUNKENHEIMER CO. General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, New York; 35 Great Dover, London, S. E., England. (See adv. index, end of book)
NATIONAL VALVE CO., Sandusky, O. (See adv. index, end of book)
Scott Valve Co., 32 W Randolph, Chicago, Ill.

Valves (Reversing)

Grove, Jno. W. Co. ("Knox," Water Sealed), Farmers' Bank bldg, Pittsburg, Pa.
Wellman-Seaver-Morgan Co. (Forter, Water Sealed), Cleveland, O., & Akron, O.

Valves (Rubber)

Boston Belting Co., 256 Devonshire, Boston, Mass., & 100 Reade, N. Y.
Boston Woven Hose & Rubber Co., Executive Office & Factory, Cambridgeport, Mass. Stores: 116 Duane, New York; 185 Lake, Chicago, Ill.; Cleveland, O.; San Francisco, Cal., Boston, Mass.
Buckeye Iron & Brass Works, Dayton, O.
Burton & Johnson, 107 W Center, Cleveland, O.
Canfield, H. O., Bridgeport, Conn.
Consolidated Rubber Co., Trenton, N. J.
Continental Rubber Works, Erie, Pa.
Crescent Belting & Packing Co., Trenton, N. J.
Darling Pump & Mfg. Co. (Ltd.), Williamsport, Pa.
Diamond Rubber Co., Akron, O.
Empire Rubber Mfg. Co., Trenton, N. J., & 60 Reade, N. Y.
Goodrich, B. F. Co., Akron, O.
Gutta Percha & Rubber Mfg. Co., 126 Duane, N. Y.; 96 Lake Chicago, 71 Pearl, Boston, Mass., & 26 Fremont, San Francisco, Cal.
Hamilton Rubber Co., Trenton, N. J.
Home Rubber Co., Trenton, N. J.; 17 La Salle, Chicago, & 80 Reade, N. Y.
Jenkins Bros., 71 John, N. Y.; 35 High, Boston, Mass.; 31 N Canal, Chicago, & 133 N 7th, Phila., Pa.
Johns-Pratt Co., Hartford, Conn.
Lake Shore Rubber Co., Erie, Pa.
Manhattan Rubber Mfg. Co., 18 Vesey, N. Y., & Passaic, N. J.
Mechanical Rubber Co., 253 B'way, New York; 230 Randolph, Chicago, & Cleveland, O.
Morgan & Wright (Inc.), (Marine, Pump, etc.), 19 N May, Chicago
N. J. Car Spring & Rubber Co., Jersey City, N. J.
New York Belting & Packing Co., 91 Chambers, New York; Kansas City, Mo.; St. Louis, Mo.; 150 Lake, Chicago, & San Francisco, Cal.
New York Rubber Co., 84 Reade, New York
Peerless Rubber Mfg. Co., 16 Warren, N. Y.
Penna. Rubber Co., Jeannette, Pa., & 127 Duane, N. Y.
Power Specialty Co., 126 Liberty, N. Y.
Revere Rubber Co., 77 Bedford, Boston, Mass.; Phila., Pa.; 59 Reade, N. Y.; Chicago, Ill., & San Francisco, Cal.
Sayen & Schultz "Johnson" Vulcanite), 21 N 13th, Phila., Pa.
Stokes, Jos. Rubber Co., Trenton, N. J.
Trenton Rubber Mfg. Co., Trenton, N. J.
United & Globe Rubber Mfg. Co., Trenton, N. J.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
Waterbury Rubber Mfg. Co., 49 Warren, N. Y.
Whitehead Bros. Rubber Co., Trenton, N. J.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, N. Y. (See adv. index, end of book)

Valves (Safety)

Am. Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.; 16 N Canal, Chicago, Ill., & 35 Dey, New York
Andrews Heating Co. ("Andrews" "Regurgitating"), 203 Hennepin av, Minneapolis, Minn.
Ashton Valve Co., 271 Franklin, Boston, Mass.
Belfield, H. & Co. (Brass or Iron), 435 N Broad, Phila., Pa.
Buckeye Iron & Brass Works, Dayton, O.
Coale Muffler & Safety Valve Co., Baltimore, Md.
CRANE CO., Est. 1855, Chicago, Ill.; New York, Philadelphia, St. Louis, Kansas City, Mo.; Sioux City, Los Angeles, San Francisco, Omaha, Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash., (See adv. index, end of book)
Crosby Steam Gage & Valve Co., 95 Oliver, Boston, Mass.; 21 W Lake, Chicago, & 78 John, New York
Cutler Mfg. Co., Scranton, Pa.
Davis, Jno. Co. ("Eclipse"), 22d & Halstead, Chicago, Ill.
Eastwood Wire Mfg. Co. (Cross Safety), Belleville, N. J.
Eaton, Cole & Burnham Co., 253 Broadway, New York
Hayden, N. L. Mfg. Co. (Tippett Compact), Columbus, O.
Hoffmann, B. Mfg. Co., 257 6th, Milwaukee, Wis.
Hoffmann & Billings Mfg. Co., 96 2d, Milwaukee, Wis.
Illinois Malleable Iron Co., 30 W Monroe, Chicago, Ill.
Jarecki Mfg. Co., Erie & Pittsburg, Pa.
Jenkins Bros., 71 John, New York; 35 High, Boston, Mass.; 133 N 7th, Phila., Pa., & 31 N Canal, Chicago, Ill.
Kelly & Jones Co., 135 Water, Pittsburg, Pa.; 15 Park Row, New York, & 59 Clark, Chicago. Works, Galesburg, Pa.
King Iron Works, 226 Ohio, Buffalo, N. Y.
Kunkle, E. B. & Co., 87 Barr, Fort Wayne, Ind.
Locke Regulator Co., Salem, Mass.
Lonergan, J. E. & Co. (Spring Loaded), 211 Race, Philadelphia, Pa.
LUNKENHEIMER CO. General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, New York; 35 Great Dover, London, S. E., England. (See adv. index, end of book)
McNab & Harlin Mfg. Co., 56 John, New York
McShane, Henry Mfg. Co., 441 North, Baltimore, Md.
Morrison Automatic Safety Valve Co., Toledo, O.
Powell, Wm. Co., 2529 Spring Grove av, Cincinnati, O.
Queen City Brass & Iron Works, Spring Grove & Garrard avs, Cincinnati, O.
Safety Cylinder Valve Co., Mansfield, O.
Scott Valve Co., 32 W Randolph, Chicago, Ill.
Sherwood Mfg. Co., 34 Wash'n, Buffalo, N. Y.
Springfield Brass Co., Springfield, O.
Stephens-Roe Mfg. Co., 1072 McKinley av, Detroit, Mich.
Thomas Brass & Iron Co., Waukegan, Ill.
Walworth Mfg. Co., 132 Federal, Boston, Mass., & 15 Park row, New York
Western Tube Co., Kewanee, Ill.
Western Valve Co., 43 W Randolph, Chicago, Ill.

Valves (Snifting)

CONSOLIDATED SAFETY VALVE Co., The ("Consolidated" for the ends of Cylinders on Steam Engines & Locomotives), 85, 87, 89 Liberty, New York, & 22, 24, 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.

Valves (Steam Air)

Chapman Valve Mfg. Co., Indian Orchard, Mass.
CRANE CO., Est. 1855, Chicago, Ill.; New York, Philadelphia, St. Louis, Kansas City, Mo.; Sioux City, Omaha, Los Angeles, San Francisco, Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Kelly & Jones Co., 135 Water, Pittsburg, Pa.; 15 Park row, New York, & 59 Clark, Chicago, Ill. Works, Galesburg, Pa.
LUNKENHEIMER CO., Cincinnati, O.; 26 Cortlandt, New York, & 35 Great Dover St, London, England. (See adv. index, end of book)
Marsh, James P. & Co., 224 Washington, Chicago, Ill.
Stephens-Roe Mfg. Co., 1072 McKinley av, Detroit, Mich.
Van Auken-Clevaue Co., Yonkers, N. Y.

Valves (Stop)

Acton, John (Safety), 118 John, Brooklyn, N. Y.
Albany Steam Trap Co., Albany, N. Y.
Belfield, H. & Co., 435 N Broad, Phila., Pa.
Bourbon Copper & Brass Works, 618 E Front, Cincinnati, O.
Chapman Valve Mfg. Co., Indian Orchard, Mass.
Coldwell-Wilcox Co., Newburgh, N. Y.
Coffin Valve Co., Neponset, Boston, Mass.
CRANE CO., Est. 1855, Chicago, Ill.; New York, Philadelphia, St. Louis, Kansas City, Mo.; Sioux City, Omaha, Los Angeles, San Francisco, Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Davis, G. M. Regulator Co. (Also Semi-Balanced Seated), 145 Milwaukee av, Chicago, Ill.
Eddy Valve Co., Waterford, N. Y.
Fairbanks Co., 186 Elm c Broome, New York. (For Branches, See Valve Mfrs.)
Foster Engineering Co. ("Non-Return & Emergency"), 107 Monroe, Newark, N. J.
Gardner Governor Co., Quincy, Ill.
Hoffmann, B. Mfg. Co., 257 6th, Milwaukee, Wis.
Hoffmann & Billings Mfg. Co., 96 2d, Milwaukee, Wis
Ludlow Valve Mfg. Co., Troy, N. Y., & 62 Gold, N. Y.
LUNKENHEIMER CO. General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, New York; 35 Great Dover, London, S. E., England. (See adv. index, end of book)
McShane, Henry Mfg Co., 441 North, Baltimore, Md.
Morgan Engineering Co., Alliance, O.
NATIONAL VALVE CO., Sandusky, O. (See adv. index, end of book)
New Bedford Boiler & Machine Co. (also Automatic Stop), New Bedford, Mass.
Pratt & Cady Co., Hartford, Conn.
Ready Foundry Co., Reading, Pa.
Rensselaer Mfg. Co., Troy, N. Y.
Scott Valve Co., 32 W Randolph, Chicago, Ill.
Schutte, L. & Co., 1251 N 12th, Phila., Pa.
Stephens-Roe Mfg. Co., 1072 McKinley av, Detroit, Mich.
Thompson, J. & Co., c Van Horn & Sophia, Philadelphia, Pa.
Western Valve Co., 43 W Randolph, Chicago, Ill.
Williamsport Valve & Hydrant Co., Williamsport, Pa.

Valves (Straightway)

(See Valves, Gate.)

Valves (Syphon)

Lipp, Louis Co. ("Boss" Double), Mitchell av, & B. & O., S. W. R. R., Cincinnati, O., & 104 High, Boston, Mass.

Valves (Tank)

American Valve & Meter Co., Cincinnati, O.
Boston Brass Co., 36 Oliver, Boston, Mass.
CRANE CO., Est. 1855, Chicago, Ill.; New York, Philadelphia, St. Louis, Kansas City, Mo.; Sioux City, Omaha, Los Angeles, San Francisco, Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Edwardsville Brass Co., Edwardsville, Ill.
Exeter Brass Works, Exeter, N. H.
FAIRBANKS, MORSE & CO. (Railroad, Flush & Float), Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Ore.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Ford, Thomas P. Co. ("Ford" Balanced), 81 Centre, New York
Forest City Brass Works (Syphon), Cleveland, O.
Springfield Brass Co. (All Kinds), Springfield, Mass.

Valves (Thermostat)

Pittsburg Brass Mfg. Co. Penn av & 32d, Pittsburg, Pa.

Valves (Throttle)

Belfield, H. & Co., 435 N Broad, Phila., Pa.
Buckeye Iron & Brass Works, Dayton, O.
Chapman Valve Mfg. Co., Indian Orchard, Mass.
CRANE CO., Est. 1855, Chicago, Ill.; New York, Philadelphia, St .Louis, Kansas City, Mo.; Sioux City, Los Angeles, San Francisco, Omaha, Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Detroit Lubricator Co. ("Detroit"), Hodges bldg, Detroit, Mich.
Dickson Mfg. Co., Scranton, Pa.
Eastwood Wire Mfg. Co., Belleville, N. J.
Glenn, C. C., Fremont, Chicago, Ill.
Hoffmann, B. Mfg. Co., 257 6th, Milwaukee, Wis.
Hoffmann & Billings Mfg. Co., 96 2d, Milwaukee, Wis.
LUNKENHEIMER CO. General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, New York, & 35 Great Dover, London, S. E. England. (See adv. index, end of book)
Jarecki Mfg. Co., Erie & Pittsburg, Pa.
McNab & Harlin Mfg. Co., 56 John, New York
McShane, Henry Mfg. Co., 441 North, Baltimore, Md.
Michigan Lubricator Co. ("Michigan" Quick Opening, Detroit, Mich.
New Bedford Boiler & Machine Co., New Bedford, Mass.
Powell, Wm. Co., 2529 Spring Grove av, Cincinnati, O.
Reliance Engineering Co. (For Hoisting Engines, etc.), Duluth, Minn.
Schutte, L. & Co., 1251 N 12th, Phila., Pa.
Scott Valve Co., 32 W Randolph, Chicago, Ill.
Stephens-Roe Mfg. Co., 1072 McKinley av, Detroit, Mich.

Valves (Tubular Well)

CRANE CO., Est. 1855, Chicago, New York, Philadelphia, St. Louis, Kansas City, Mo.; Sioux City, Omaha, Los Angeles, San Francisco, Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Mark Mfg. Co., Chicago, Ill., & Evanston, Ill

Valves (Tuyere)

LUNKENHEIMER CO., General Offices: Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, New York, & 35 Great Dover St, London, England. (See adv. index, end book)

Valves (Underwriters' Water Relief)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.; 26 Cortlandt, N. Y., & 16 N Canal, Chicago, Ill.
Crosby Steam Gauge & Valve Co., 95 Oliver, Boston, Mass.; 78 John, N. Y., & 21 W Lake, Chicago, Ill.

Valves (Vacuum, Automatic Air)

Belfield, H. & Co., 435 N Broad, Phila., Pa.
Davis & Roesch Temperature Controlling Co., 53 Fulton, New York, & Bridgeport, Conn.
Klipfel & Thomas Co. ("K. & T."), 74 W Lake, Chicago, Ill.
Loetzer Valve & Mfg. Co. (For Water Mains), Towanda, Pa.
MONASH-YOUNKER CO. ("Perfected Duples No. 7"), 43 Centre, N. Y., & 201 S Canal, Chicago. (See adv. index, end of book)

Valves (Vault)

Meerhoff, Herman H. (for Outdoor Closets with Sewer Connections), Richmond, Ind.

Valves (Water Relief)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.; 16 N Canal, Chicago, Ill., & 26 Cortlandt, New York
Ashton Valve Co., 271 Franklin, Boston, Mass.
Chapman Valve Mfg. Co., Indian Orchard, Mass.
CONSOLIDATED SAFETY VALVE Co., The ("Consolidated" for Fire Pumps, Pumping Stations & Hydraulic Elevators, etc.), 85, 87, 89 Liberty, New York, N. Y., & 22, 24, 26 S Canal, Chicago, Ill. Wroks, Bridgeport, Conn.
CRANE CO., Est. 1855, Chicago, Ill.; New York, Philadelphia, St. Louis, Kansas City, Mo.; Sioux City, LoLs Angeles, San Francisco, Omaha, Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Crosby Steam Gage & Valve Co., 95 Oliver, Boston, Mass.; 21 W Lake, Chicago, & 78 John, N. Y.
DAVIS, GEO. M. REGULATOR CO. (Also Semi-Balanced Seated), 145 Milwaukee av, Chicago, Ill.
Davis & Roesch Temperature Controlling Co., Newark, N. J., & 136 Liberty, N. Y.
D'Este, Julian Co., 24 Canal, Boston, Mass.
Lonergan, J. E. & Co., 211 Race, Phila., Pa.
LUNKENHEIMER CO., General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, N. Y. & Great Dover, London, S. E., England. (See adv. index, end of book)
NATIONAL VALVE CO., Sandusky, O. (See adv. index, end of book)
Powell, Wm. Co., 2529 Spring Garden av, Cincinnati, O.
Scott Valve Co., 32 W Randolph, Chicago, Ill.
Stephens, Roe Mfg. Co., 1072 McKinley av, Detroit, Mich.
Walworth Mfg. Co., 132 Federal, Boston, Mass. & 17 Park row, N. Y.
Watson & McDaniel Co., 144 N 7th, Phila., Pa.
Williamsport Valve & Hydrant Co., Williamsport, Pa.

Valves (Whistle)

Buckeye Iron & Brass Works, Dayton, O.
Central Brass Works, 322 W Pearl, Cincinnati, O.
Chapman Valve Mfg. Co., Indian Orchard, Mass.

CRANE CO., Est. 1855, Chicago, Ill.; New York, Philadelphia, St. Louis, Kansas City, Mo.; Sioux City, Los Angeles, San Francisco, Omaha, Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Crosby Steam Gage & Valve Co., 95 Oliver, Boston, Mass.; 21 W Lake, Chicago, & 78 John, N. Y.
Kelly & Jones Co., 135 Water, Pittsburg, Pa.; 15 Park Row, N. Y., & 59 Clark, Chicago, Ill. Works, Galesburg, Pa.
LUNKENHEIMER CO., General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, N. Y., & 35 Great Dover, London, S. E. England. (See adv. index, end of book)
McShane, Henry Mfg. Co., 441 North, Baltimore, Md.
Powell, Wm. Co., 2529 Spring Grove av, Cincinnati, O.
Queen City Brass & Iron Works, Cincinnati, O.
Scott Valve Co., 32 W Randolph, Chicago, Ill.
Sherwood Mfg. Co., 34 Washington, Buffalo, N. Y.
Thomas Brass & Iron Co., Waukegan, Ill.

Variators

American District Steam Co. (Single & Double Expansion), Lockport, N. Y.

Varnish Cloth

Sills-Eddy Mica Co., 25 Broad, N. Y.

Varnish Mfrs.

CALIFORNIA.

LOS ANGELES—Sherwin-Williams Co.
SAN FRANCISCO—**BERRY BROS. (Ltd.),** 809 Mission. (See adv. opp. this page)
Hoyt, Harry H., Harrison nr 19th
Murphy Varnish Co., 7 Front
Occidental Varnish Works, 176 4th
Pioneer, S. F. Varnish Works, 816 Mission
Sherwin-Williams Co., 118 2d
Tamm & Nolan Co., 115 Front
Whittier, Coburn Co., 18 Fremont
Yates & Co., 117 Market

COLORADO.

DENVER—Hallack Paint, Oil & Glass Co., 1741 Arapahoe
Hallack & Howard Lumber Co., Larimer, N W c 7th
Humphrey-Jones Mercantile Co., 1621 Arapahoe
James, B. L. Mercantile & Mfg. Co., 1517 Arapahoe
Lloyd Varnish Co., 1517 Arapahae
McFee & McGinnity, 18th c Wazes

CONNECTICUT.

BRIDGEPORT—Crockett, D. B. Co., 24 P. O. Arcade
Parrott Varnish Co., 453 N Wash av
NEW HAVEN—Booth & Law Varnish Co.

DELAWARE.

WILMINGTON—Bradford, James Co., 6 E 3d
Bryan, Jas M., 107 W 8th
Cartmell, Thos. B., 601 Madison

ILLINOIS.

CHICAGO—American Varnish Co. (Railway, Carriage & Cabinet), 309 to 315 N Branch
Armstrong, D. R. & Co., 24 E Ohio
Atlantic Drier & Varnish Co., 99 Randolph
Behlen, H. & Bro., 142 Monroe
Bereda Mfg. Co., 57 Illinois

BERRY BROS. (Ltd.), 15 Lake (See adv. below)
Calman, Emil & Co., 225 Kinzie
Chicago Varnish Co., Dearborn av & Kinzie
Chicago Wood Finishing Co., 259 Elston av
Cleveland Varnish Co., 163 S Canal
Crockett, David B. Co., 125 N Peoria
De Golyer-Watts Co. (Rock Finsh), 377 Illinois
Detroit Varnish Co., 192 Kinzie
Devoe & Raynolds Co., 176 Randolph
Egyptian Lacquer Mfg. Co., 15 N Canal
Elliott Varnish Co., 155 Fulton
Elmendorf Varnish Co., 38 Larrabee
Fulton Varnish Works, 24 Ohio
Glidden Varnish Co., 159 W Wash'n
Grace Varnish Co., 125 Larrabee
Graves, N. Z. & Co., 314 Fulton
Harrison Bros. & Co. (Inc.), 27 Lake
Illinois Varnish Co., 1509 N Lincoln
Lucas, John & Co., 53 N Desplaines
Masury, John W. & Son, 2625 Stewart av
Moller & Schumann Co., 110 5th av
Murphy Varnish Co., 22d & Dearborn
National Fire-Proof Paint Corp'n, 87 Franklin
Nikolas, G. J. & Co., 512 W Vanburen
Noake-Wheeler-Clough Co., 377 Illinois
Nubian Paint & Varnish Co., N 51st av, c Bloomingdale av
O'Brien Varnish Co., 284 Michigan
Palmer Price Co., 324 W Madison
Parrott Varnish Co., 227 5th av
Patterson-Sargent Co., 2026 Lumber
Potwin & Morgan, 35 Dearborn ave
Rogers & Pyatt, 147 Kinzie
Sherwin-Williams Co., Pullman bldg
Smith, Edward & Co., 59 Market
STANDARD VARNISH WORKS, (Railroad, Marine, House, etc.), 2620 Armour av. (See adv. on next page)
Stewart, Mowry Co., 3218 Shields av
Sullivan Varnish Co., 11 Hart
Superlative Co., 7300 Kimbark av
Thurston, F. W. & Co., 29 River
Tousey Varnish Co., 562 25th
Valentine & Co., 279 Dearborn
Vilas Bros., 227 5th av
Washburn, Thos. F., 14 Lister av
Watson, Geo. E. Co., 108 Lake
Wullweber, O. L., 254 Naslund pl

INDIANA.

INDIANAPOLIS—Indianapolis Varnish Co., Ohio, c Pine
Lilly Varnish Co., 670 Rose
SOUTH BEND—O'Brien Varnish Co.
VALPARAISO—Parker, Chas. H. Co.

KENTUCKY.

LOUISVILLE—Louisville Varnish Co., Maple c 14th
Ohio Falls Varnish Co., 14th c Magnolia

MAINE.

PORTLAND—Fuller, A. P. Co.

MARYLAND.

BALTIMORE—**BERRY BROS. (Ltd.),** 200 W Saratoga. (See adv. below)
Maeneal, Jas. B. & Co., 119 W Pratt
Murphy Varnish Co., 1516 W Mt Royal av
Popplein, G. & N., Jr., 220 North
Whitehurst & Co.

MASSACHUSETTS.

BOSTON—Atlantic Varnish Works, 206 Devonshire
Babcock, J. & Co., 112 Water
Babcock Varnish Co., 60 Pearl
BERRY BROS. (Ltd.), 520 Atlantic av. (See adv. index, end of book)
Billings, King & Co. (Inc.), 153 Congress
Burbank & Ryder, 62 Alford
Carpenter-Morton Co., 77 Sudbury
Chicago Varnish Co., 66 High
Glidden Varnish Co., 58 Pearl
Gould & Cutler Corp., 105 North
Graves, N. Z. & Co. (Inc.), 131 Pearl
Harrison Bros. & Co., 72 Broad
King, E. & F. & Co., 26 India
Lawson Varnish Co., 74 Pearl
McCaskell, Dougall & Co., 161 Summer
Magee Flexible Varnish Co., Old South bldg
Massachusetts Chemical Co., 170 Summer
Murphy Varnish Co., 80 Batterymarsh
Nash, E. W. Co., 88 Pearl
Poorman, Warren M., 161 Summer
Sherwin-Williams Co., 180 Purchase
Standard Varnish Works, 54 High
Stickney, J. W. & Co., 31 Milk
Thomson, David, 50 Sudbury
Valentine & Co., 74 Pearl
Wadsworth, Howland & Co. (Inc.), 82 Washington
Warren Bros. Co., 93 Federal
Weingartner, Jno., 705 Mass av
Wheeler, Asahel Co., 52 High
Wiley, I. H. & Co., 92 Sudbury
CHELSEA—Miller, Lyman M.
EVERETT—Boston Varnish Co.
West Varnish Co.
MIDDLEBORO—Shaw, Geo. H.
SPRINGFIELD—Hampden Paint & Chemical Co.
Wadsworth, Howland & Co.

MICHIGAN.

BATTLE CREEK—Battle Creek Oil & Varnish Co. (Ltd.)
DETROIT—Acme White Lead & Color Works, c St. Aubin av & M. C. R. R.
BERRY BROS. (Ltd.), Main Office & Factory. (See adv. below)
Boydell Bros., White Lead & Color Co., 16 Congress
Buckeye Paint & Varnish Co., 715 Gratiot av
Continental Varnish & Paint Co., c Clay & St. Aubin avs
Dempsey, S. J., 786 River
Detroit Varnish Co., 532 Milwaukee av
Detroit White Lead Works, 532 Milwaukee av
Jageman, F. J., Whiting av & M. C. R. R. Belt Line
Kaighin-Roberts Varnish Co., 1503 Woodward av
McNamara, Michael, Clark av & M. C. R. R.
Peninsular Paint & Varnish Co., St. Aubin & Clay avs
GRAND RAPIDS—Williams, W. P. (Agt. for Berry Bros.), 91 Campau

MINNESOTA.

MINNEAPOLIS—Sherwin-Williams Co.
ST. PAUL—Twin City Varnish Co.

MISSOURI.

KANSAS CITY—Cleveland Varnish Co., 1204 Walnut
Continental Varnish & Color Co., 1315 W 8th
Sherwin-Williams Co., 1400 St. Louis av
ST. LOUIS—**BERRY BROS. (Ltd.), 112** So 4th. (See adv. below)
Chicago Varnish Co., 823 Locust
Cleveland Varnish Co., 908 N 2nd
Glidden Varnish Co., 701 N 2d
Gregg Varnish Co., 813 N 6th
Hoffman Varnish Co., 2702 S Jefferson av
Murphy Varnish Co., 300 S 4th
Pratt & Lambert Chemical bldg
Robbins, A. Varnish Co., 1537 N 8th
Rowley Lac-Varnish & Blacking Co., 910 N 2nd
Wellpott, Chas. H. W., 3220 N B'way

NEBRASKA.

OMAHA—National Oil & Paint Co.

NEW JERSEY.

CAMDEN—Schrack, C. & Co.
GIBBSBORO—Lucas, John & Co.
JERSEY CITY—Empire Varnish Co., 14th & Erie
Gillespie, Chas. H. & Sons, Marion
Louderbough, Harry, Wayne & Fremont
Woolsey, C. A. Paint & Color Co.
NEWARK—Anglo-American Varnish Co., 55 Johnson
Armitage, Jno. L. & Co., Thomas & Dawson
Beckwith-Chandler Co., 193 Emmett
Bigelow Varnish Co., 136 Chestnut
Brooke, Clarence & Co., 249 Chestnut
Connaughton, Jas. M., 243 S 11th
Devoe, F. W. & C. T. Raynolds Co., 223 N. J. R. R. av
Essex Varnish Co., 84 Vesey
Fitz-Gerald Co., 365 Mulberry
Flood & Conklin Co., 136 Chestnut
Frank, Michael, 129 Livingston
Hagel, Jno. F., Jr., 35 Napoleon

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Jaenecke Bros., Wright c Av B
Murphy Varnish Co., 238 McWhorter
Newark Varnish Works, 97 Delancy
Palmer-Price Co., 270 Chestnut
Price, Bond & Co., 255 N. J. R. R. av
Rice, S. E. M., 352 Ogden
Sherwin-Williams Co., Brown & Lister av
Stiles, E. D. Co., 139 E Kinney
Wheeler & Mitchell, 317 N. J. R. R. av
VERONA—Hastings & Winslow

NEW YORK.

BINGHAMTON—Collier, H. C. & Sons
BROOKLYN—(See New York City, Borough of Brooklyn
BUFFALO—Becker Glass & Paint Co., 372 Pearl
Buffalo Enamel & Stain Co., 70 W Genesee
Buffalo Oil, Paint & Varnish Co., 1317 Elk
Century Varnish Co., 272 W Genesee
Columbia Paint & Varnish Co., 12 Sanford
Deuther & Beck, 50 Niagara
English, R. W. Refining Co., 152 Elk
Farr Mfg. Co., Marvin & Fulton
Fox & Fox, 127 Erie
Fritzsche & Kleason, 42 Eagle
McDougal Varnish Co., 1317 Elk
McLennan Paint Co. (Ltd.), 175-195 Rano.
Mets. P. A. Paint Co., 326 Wash'n
Pratt & Lambert, 79 Tonawanda
Sherwin-Williams Co., Ellicott sq
Towns & Wright, 230 Wash'n
Varnish Co., 18 Pearl
LONG ISLAND CITY—(See New York City, Borough of Queens.)

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—American Varnish Works, 429 Greenpt av
Bartels, Otto, Stewart av nr Randolph
Bohner's, Jos. Sons, 1093 Met av
Booden's, P. Son, 243 N 9th
Brooklyn Varnish Mfg. Co., 35 Nostrand av
Bungart, Peter J., 295 G'point av
Carter, Chas. W. H., 22 Commerce
Casey, Jno. A. Co., Richards c Commerce
Cooper, Chas. W., Bullion nr Debevoise av
Hatch, Jno. R., 171 N 9th
Hildreth Varnish Co., 77 N 12th
Keystone Varnish Co., 71 Otsego
Liszka, Geza C., 213 Varet
Masury, John W. & Son, 50 Jay
Minett Varnish Co., 1046 Atlantic av
Moller & Schumann Co., Marcy & Flushing avs
Pierce, F. O. Co., 30 Tiffany pl
Sorby, P. V., 295 Greenpoint av
Travers Varnish Works, 80 Richardson
Valentine & Co., 364 Mhtn av
Wood & Shepard Varnish Co., 33 Wythe av

Boroughs of Manhattan & Bronx.

NEW YORK—Alden, Geo. A. & Co., 229 Pearl
Anchor Varnish Works, 175 Front
Atlantic Drier & Varnish Co., 1123 B'way
Bang, Chas., 136 Water
Beckwith-Chandler Co., 1 W 34th
Behlen, Herman & Bro., 5 N William
BERRY BROS. (Ltd.), 262 Pearl. (See adv. on preceding page)
Billings, King & Co., 438 Pearl
Calman, Emil & Co., 299 Pearl
Carter, Chas. W. H., 12 Vandewater
Celluloid Zapon Co., 12 E 18th
Chicago Varnish Co., 22 Vesey
Congress Varnish Works, 132 Front
Crescent Varnish Co., 262 Pearl
DeGolyer Watts Co. (Rock Finish), 302 Amsterdam av
De Ronde, Frank S. Co., 46 Cliff
Devoe, F. W. & C. T. Raynolds Co., 101 Fulton
Dunham, Thos. C., 68 Murray
Edmonds, J. W. & Son, 216 Franklin
Egyptian Lacquer Mfg. Co., 152 Front
Elliott Varnish Co., 273 Pearl
Excelsior Varnish Works, 381 Pearl
Federal Varnish Co., 150 Nassau
Gillespie, L. C. & Sons, 6 Fletcher
Glidden Varnish Co., 47 Fulton
Graves, N. Z. & Co., 286 Pearl
Harland, Wm. & Son, 4 Gold
Hildreth Varnish Co., 32 B'way
Hoople & Androvette, 250 Front
Kasebier, E. & Co., 175 Pearl
Longman & Martinez, 207 Pearl
Louderback, A. E. (Agt.), 118 Hudson
Lucas, John & Co., 89 Maiden Lane
McLennan Paint Co., 163 William
Mayer & Lowenstein, 164 Water
Maynz & Co. (Brewers' Varnish), 13 Water
Metal Lacker Co., 83 Pine
Minett Varnish Co., 60 Pearl
Patterson-Sargent Co., 42 Hudson
Perrin, Payson & Co., Walnut av c E 141st
Pierce, F. O. Co., 170 Fulton
Pioneer Varnish Works, 136 Water
Pomeroy & Fischer (Agents), 30 Frankfort
Pratt & Lambert, 176 Fulton
Reade Mfg. Co., 546 W 22d
Reynolds, Francis C., 4 Gold
Rogers & Pratt, 78 Maiden la
Rosenberger, Julius, 175 Front
Schlegel, Oscar Mfg. Co., 182 Grand
Sherwin-Williams Co., 66 B'way
Slee, J. Noah H., 141 B'way
Smith, Edw. & Co., 45 B'way
STANDARD VARNISH WORKS (Railroad, Marine, House, etc.), 29 B'way N. Y. (See adv. below)
Stoeckel, Rudolph E., 2443 3d av
Thuebel, S. H., 130 Pearl
Valentine & Co., 257 B'way
Victorson Varnish Co., 299 Pearl
Winn. Wm. R. (Oil), 143 Maiden Lane
Zinsser, Wm. & Co., 197 Fulton

Borough of Queens.

LONG ISLAND CITY—Pratt & Lambert, 9 4th
Calman, Emil & Co., 4th & West av
Chase, Roberts & Co., c West av & 5th
Fenner, Geo. L., 8th & West
Mayer & Lowenstein, 164 Water
Smith, Edw. & Co. (Inc.), ft 5th

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23 Billiter Street, LONDON.

Thibaut, E. A. & Co., 72 9th
Victorsen Varnish Co., West End av c 4th

(END OF NEW YORK CITY.)

SYRACUSE—Best, I. M., 808 Townsend
TROY—Curtis, Mont. G. & Co., 407 B'way
Dauchy, Chas. H. Co., 279 River
DeGolyer Varnish Co., 1529 6th av
UTICA—Central New York Varnish Co., 55 N Genesee

OHIO.

AKRON—Akron Varnish Co.
Vulcan Varnish Works
CINCINNATI—Farrett Mfg. Co., 639 W Front
Becker, R. A. & Co., 1837 Harrison av
BERRY BROS. (Ltd.), 420 Main (See adv. index, end of book)
Bird Varnish Co., 3d c Main
Blackburn-Nolan Varnish Co., Langdon & Floral avs
Cincinnati Color Co., w s Depot nr Dutton
Cincinnati Varnish Co., 218 E Court
Chicago Varnish Co., Perin bldg
Harrison Bros. & Co., 308 Main
Pfaff, Jno., Varnish & Stain Co., 1660 Central av
Queen City Varnish Co., Langdon av & Montg'y rd
Sherwin-Williams Co., St. Paul bldg
United States Varnish Co., St. Paul bldg
Wolf, Herman & Co., 214 W Liberty
CLEVELAND—Barrett Mfg. Co., Williamson bldg
Billings-Chapin Co., 37 Case av
Cleveland Varnish Co., 14 Rockland av
Colonial Varnish Co., Marquette nr St. Clair
Day's Varnish & Dryer Co., 468 Canal
Empire Varnish Co., 24 Guard
Excelsior Varnish Works, 1 Pembroke
Forest City Paint & Varnish Co.
Glidden Varnish Co., Williamson bldg
Kingsley Paint Drier Co., 172 St. Clair
Murphy Varnish Co., 96 St. Clair
Nat'l Paint & Varnish Co., 57 St. Clair
Newark Varnish Works, Bldrs Exchange
Ohio Varnish Co., 10 Rockland av
Patterson-Sargent Co., Wason c Hamilton
Sherwin-Williams Co., 100 Canal
Star Varnish Co., 47 Gordon av
Venderink, B. T. Co., Bldrs'. Exchange
Western Reserve Varnish Co., Marquette c Lake
COLUMBUS—Columbus Varnish Co., 257 Cozzens
Onyx Paint Co., 73 E Long
DAYTON—Thresher & Co.
Tower Varnish & Dryer Co.
FINDLAY—Ohio Paint & Varnish Co.
TOLEDO—Buckeye Paint & Varnish Co.

PENNSYLVANIA.

ALLEGHENY—Connolly, Thos. A., 18 Parkway
Globe Varnish Mfg. Co., 1035 S Canal
National Lead & Oil Co. of Penna., 2d National Bk Bldg
Nevin, T. H. Co., Island & Preble avs
JAMESTOWN—Jamestown Paint & Varnish Co.
PHILADELPHIA—Adams, Thos. J. & Co., 3605 N 4th
Atlantic Drier & Varnish Co., S Swanson c McKean
Barrett-Lindeman Co., 1402 Fkd av
BERRY BROS. (Ltd.), 26 N 4th. (See adv. index, end of book)
Boyce, Jno. D. & Co., 2036 N Front
Cincinnati Varnish Co., 142 N 4th
Conner, Jas. G. & Co., Real Estate Trust bldg
Coyne Bros., Varnish Co., N 2d c Pike
Davis, P. A. Jr., 136 N Water
Evans, Wm. & Son, 56 N Front
Felton, Sibley & Co., 136 N 4th
FRENCH, SAMUEL H. & CO., 4th & Callowhill. (See adv. index, end of book)
Graves, N. Z. & Co., 3200 S Broad
Gillingham, Chas. A., 1301 S 21st
Grogan, H. F., 2113 E Sergeant
Harrison Bros. & Co., 35th c Gray's Ferry rd
Howell, C. H. & Co., 212 Race
Lawrence, McFadden & Elliott (Ltd.), 324 N American
Lucas, John & Co., 322 Race
McCloskey, L. J. & Co., S 30th c Locust
Nassau, Jas., Ktn av c Erie av
Nice, Eugene E., 272 S 2d
Parrott Varnish Co., Arcade bldg
Phoenix Paint & Varnish Co., 124 Market
Rau, Conrad F., 4th & Bristol
Schrack, C. & Co., 152 N 4th
Standard Varnish Works, Phila Bourse
THOMSON WOOD FINISHING CO., 115 N 4th. (See adv. index, end of book)
Vici Paint & Varnish Co., 22d & Penrose av
WATERALL, WM. & CO., 200 N 4th
Wocher, H. M. & Son, 1218 W College av
Woodhouse, Samuel F. ("Dull Eine"), Fkd
PITTSBURG—Atlas Paint Co. (Ltd.), 2640 Liberty av
Iron City Oil & Varnish Co., Inwood & Frankstown av
Lawrence, W. W. & Co., W Carson nr Point Bridge
McClintock & Irvine Co., Neville & P R R
Pittsburg Varnish Co., 2640 Liberty av
Sterling Varnish Co., 307 4th av
READING—Ruth, B. F. & Co.
Wilhelm, A. Co.
TULLYTOWN—Tulley Paint & Varnish Co.
WYOMING—Baldwin Filler & Varnish Co.

RHODE ISLAND.

PROVIDENCE—**U. S. GUTTA PERCHA** Paint Co., 18 Mathewson. (See adv. index, end of book)

VIRGINIA.

RICHMOND—Armitage Mfg. Co.
Atlantic Varnish Works, 2829 Lester
Tanner Paint & Oil Co., 1419 E Main

WASHINGTON.

SEATTLE—Seattle Paint & Varnish Co., 1119 1st av
Western Paint Co., 2500 3d av

WISCONSIN.

MILWAUKEE—Milwaukee Varnish Co., 225 Wash'n
Smith Paint & Varnish Co., 329 Chestnut

Varnish Removers

Eureka Solvent Co., Monadnock blk, Chicago
Wilson Co. (Liquinoid), 18 B'way, New York. Works, Long Island City, N. Y.

Varnish Renovator

Aquart, A. D. (Cleaning & Polishing), Chemical bldg, St. Louis, Mo.

Varnishes (Asphaltum)

American Supply Co., 3200 2d av, Pittsburg, Pa.
Atlantic Drier & Varnish Co., Drexel bldg. Phila., Pa.
ATLAS PAINT CO. (Ltd.), 2638 Liberty av, Pittsburg, Pa. (See adv. index, end of book)
Armitage Mfg. Co., Richmond, Va.
Chicago Varnish Co. (Black), Dearborn & Kinzie, Chicago; 66 High, Boston, & 22 Vesey, N. Y.
Forest City Paint & Varnish Co., Cleveland, O.
Fort Pitt Oil & Paint Co., 3208 Penn bldg, Pittsburg, Pa.
Harrison Bros. & Co. (Inc.), 35th c Gray's Ferry rd, Phila., Pa.; 72 Broad, Boston, Mass.; 117 Fulton, N. Y., & 27 Lake, Chicago
Hommel, O. Co., 110 Market, Pittsburg, Pa.
INDIAN ASPHALT CO. (Black), Railway Exchange bldg, Chicago, Ill. (See adv. index, end of book)
Lucas, Jno. & Co., 322 Race, Phila., Pa.; 59 N Jefferson, Chicago; 89 Maiden lane, N. Y., & Gibbsboro, N. J.
McLennan Paint Co. (Ltd.), 175-195 Reno, Buffalo, N. Y.
Macneal, Jas. B. & Co., 34 S Calvert, Baltimore, Md.
O'Brien Varnish Co., South Bend, Ind.
Parker, Chas. H. Co. (Baking & Air Drying), Valparaiso, Ind.
Sherwin-Williams Co., 104 Canal, Cleveland, O.
Smith, Edw. & Co., 45 B'way, N. Y.
STANDARD VARNISH WORKS, 29 B'way, N. Y.; 2620 Armour av, Chicago, Ill. & 23 Billeter St, London England. (See adv. on preceding page)
THOMSON WOOD FINISHING CO., 115 N 4th, Phila., Pa. (See adv. index, end of book)
Walker-Cromwell Co., Kearney, N. J.
Warren Bros. Co., 93 Federal, Boston, Mass., & 253 B'way, New York
Wilhelm, A. Co., Reading, Pa.

Varnishes (Baking)

THOMSON WOOD FINISHING CO., 115 N 4th, Phila., Pa. (See adv. index, end of book)

Varnishes Marine

Cole & Kuhls ("Elastic" Deck Varnish), 23d & 3d av, Brooklyn, N. Y.
Lucas, John & Co., 322 Race, Phila., Pa.; 89 Maiden Lane, New York, & 59 N Jeff'n, Chicago, Ill.
Sherwin-Williams Co., 104 Canal, Cleveland, O.
STANDARD VARNISH WORKS, 29 B'way, N. Y. (See adv. on preceding page)
THOMSON WOOD FINISHING CO., 115 N 4th, Phila., Pa. (See adv. index, end of book)
Winn, Wm. R. (Spar, etc.), 143 Maiden Lane, New York

Varnishers (Railway & Carriage)

American Varnish Co., 309 N Branch, Chicago, Ill.
Lucas, John & Co., 322 Race, Phila., Pa.; 89 Maiden Lane, New York, & 59 N Jeff'n, Chicago, Ill.
Sherwin-Williams Co., 104 Canal, Cleveland, O.
STANDARD VARNISH WORKS, 29 B'way, N. Y. (See adv. on preceding page)
THOMSON WOOD FINISHING CO., 115 N4th, Phila., Pa. (See adv. index, end of book)

Varnishes & Japans (Asphalt)

Barrett Mfg. Co., Land Title bldg, Phila., Pa.; 17 Battery pl, New York, & Chicago, Ill.
Chattanooga Roof & Paving Co., Chattanooga, Tenn.
Chicago Wood Fnishing Co., 259 Elston av, Chicago, Ill.
Densmore-Stabler Refining Co., Los Angelos, Cal.
Ford Mfg. Co., 226 LaSalle, Chicago, Ill.
FRENCH, SAMUEL H. & CO., 4th & Callowhill, Phila., Pa. (See adv. index, end of book)
Globe Asphalt Co., Bakewell bldg, Pittsburg,
INDIAN ASPHALT CO., Railway Exchange bldg. (See adv. index, end of book)
Jewett-Blodget Oil Co., Bakersfield, Cal.
Smith, Edw. & Co., 45 B'way, N. Y.
Southern Roofing Co., Atlanta, Ga.
Southern Refining Co., Los Angeles, Cal.
Suydam, M. B. Co., 61st & Butler, Pittsburg, Pa.
THOMSON WOOD FINISHING CO., 115 N 4th, Phila., Pa. (See adv. index, end of book)
Trinidad Asphalt Mfg. Co. ("The Epure"), 320 S 21st, St. Louis, Mo.
Union Oil Co. (of California), Mills bldg, San Francisco, Cal.

Vats, Cypress

CYPRESS LUMBER CO., 153 Milk, Boston, Mass., & Apalachicola, Fla. (See adv. index, end of book)

Vault Doors

(See also Bank Vaults.)

Vault & Floor Lights (Bar-Lock)

AMERICAN BAR LOCK CO. (3-Point Prisms), Land Title bldg, Phila., Pa. (See adv. below)

Taylor, E. R. & Co. (Bar Lock System), 164 Federal, Boston, Mass., & 1123 B'way, New York

Vault & Sidewalk Lights (Plain & Prismatic)

AMERICAN BAR LOCK CO. ("Bar Lock System"), Land Title bldg, Phila., Pa. (See adv. below)

AMERICAN LUXFER PRISM CO. Prismatic Only), 346-48 Wabash av, Chicago, Ill.; 160 Fifth av, New York, 15 Federal, Boston, Mass.; Garfield bldg, Cleveland, O.; 326 Fourth av, Pittsburg, Pa.; Odd Fellows bldg, St. Louis, Mo.; 121 New Montgomery, San Francisco, Cal.; Kasota bldg, Minneapolis, Minn.; 69 E Long, Columbus, O.; 424 Main, Cincinnati, O.; N. Y. Life bldg, Kansas City, Mo.; Drake blk, St. Paul, Minn.; Herman bldg, Milwaukee, Wis.; Stafford Hotel, Baltimore, Md.; Widdicomb bldg, Grand Rapids, Mich.; Colorado bldg, Denver, Colo.; New York blk, Seattle, Wash.; 218 Front, Portland, Ore.; 33 W 1st S, Salt Lake City, Utah; 520 13th, Washington, D. C.; Hennen bldg, New Orleans, La.; Pembroke Arcade, Indianapolis, Ind.; 603 South Spring, Los Angeles, Cal. (See adv. index, end of book)

American Mason Safety Tread Co., 40 Water, Boston, Mass.

American Prismatic Light Co. (3-Way Prisms), Land Title bldg, Phila., Pa., & 2 Sudbury, Boston, Mass.

AMOS, CHARLES & CO., 94 W Larned, Detroit, Mich. (See adv. index, end of book)

Barnum, E. T. Wire & Iron Works, Detroit, Mich.

Bartlett, Haywood & Co., Baltimore, Md., & 100 B'way, N. Y.

Bayley, Wm. & Sons Co., 732 Greenbush, Milwaukee, Wis.

Brooklyn Vault Light Co. (Plain & Prismatic), 481 Driggs av, Brooklyn, N. Y.

BROOKS, T. H. & CO., 960 Lake, Cleveland, O. (See adv. next page)

BROWN BROS. MFG. CO., W 22d & Campbell av, Chicago, Ill. (See adv. index, end of book)

Brown-Ketcham Iron Works, Indianapolis, Ind.; 116 Devonshire, Boston, Mass.; 1133 B'way, New York; Odd Fellows bldg, St. Louis, Mo.; Monadnock blk, Chicago, Ill.; 29 N Montgomery, San Francisco, Cal.; Atlanta, Ga., & Washington, D. C.

Bruner, P. M. Granitoid Co., 904 Olive, St. Louis, Mo.

CHAMPION IRON CO., Kenton, O. (See adv. index, end of book)

Chelmsford Foundry Co., 177 Devonshire, Boston, Mass.

CHESAPEAKE IRON WORKS, Severn & Bayard, Baltimore, Md. (See adv. index, end of book)

CHICAGO SIDEWALK LIGHT CO. (Mfrs.), Reaper blk, Chicago, Ill. (See adv. index, end of book)

Christopher & Simpson Arch'l Iron & Foundry Co., 811 Park av, St. Louis, Mo

Cornell, J. B. & J. M. Co. (Mfrs.), 26th & 11th av, New York

Creswell, S. J. Iron Works, 23d & Cherry, Phila., Pa.

Crown Iron Works Co., 115 2d av, Minneapolis, Minn.

DAUCHY IRON WORKS, 88 Illinois, Chicago, Ill. (See adv. below)

Fletcher & Crowell Co., Portland, Me.

Globe Iron & Foundry Co., c 9th & Victor, St. Louis, Mo.

Ham, L. M. & Co., 152 Portland, Boston, Mass.

Harrocks Iron Works, 234 N Broad, Phila, Pa.

Y.

Hetherington & Berner, 19 W South, Indianapolis, Ind.

Heughes, F. L. & Co., 190 South av, Rochester, N. Y.

Jackson, P. H. & Co., 228 1st, San Francisco, Cal.

Jacobs & Sons (Mfrs.), 510 Pearl, N. Y.

Kleinschnitz, K. & Co., 61 Noble, Brooklyn, N. Y.

Lucas, A. & Sons (Plain & Prismatic), Peoria, Ill.

Macbeth & Co., W Centre & Winslow, Cleveland, Ohio

Madison Avenue Foundry Co. (Founders), 155 E Madison av, Cleveland, O.

Mahony Mfg. Co., 5th av c Liberty, Troy, N. Y.

Mark, Jacob (Mfr.), 7 Worth, New York

Megquier & Jones Co., 33 Pearl, Portland, Me.

MERRITT & CO., 1024 Ridge av, Phila., Po. (See adv. index, end of book)

Mills, W. J., 423 Kent av, Brooklyn, N. Y.

MINNEAPOLIS STEEL & MACHIN- ery Co., Minneapolis, Minn. (See adv. index, end of book)

N. J. FOUNDRY & MACHINE CO. 9 Murray, New York. (See adv. below)

NEW YORK GLASS CO., 396 Canal, New York. (See adv. index, end of book)

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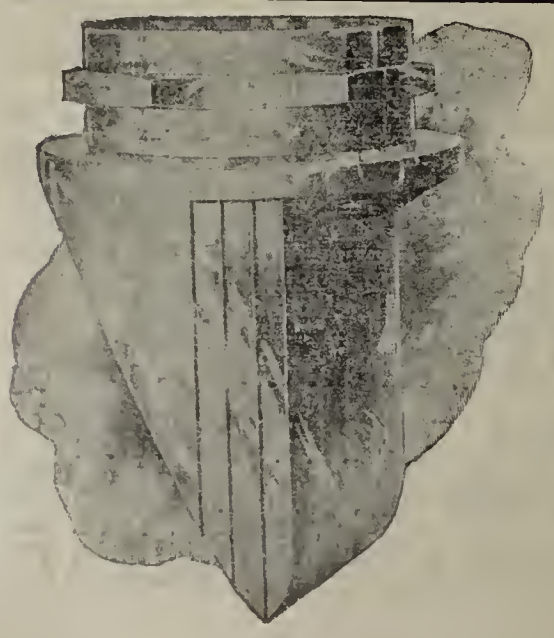
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Richards & Kelly Mfg. Co. (Mfrs.), 389 23d, Chicago, Ill.
RIESECK, P., c Allegheny av & Rebecca, Allegheny, Pa. (See adv. index, end of book)
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
ST. PAUL FOUNDRY CO., Como av & Topping, St. Paul, Minn. (See adv. index, end of book)
Schreiber, L. & Sons Co., Eggleston av & 8th, Cincinnati, O.
Smith, G. W. & F. Iron Co. (Mfrs.), 166 Devonshire, Boston, Mass.
SMITH, F. P. WIRE & IRON WORKS. 100 Lake, Chicago, Ill. (See adv. index, end of book)
Smith & Lovett Co., 125 Albany, Boston, Mass.
Snead Arch'l Iron Works, 710 14th, Louisville, Ky.
SNEAD & CO. IRON WORKS, Jersey City, N. J. (See adv. index, end of book)
Steel Vault Light Construction Co. (Maurice Davenport, Gen'l Mgr.), 212 E 37th, New York
Stewart & Stevens Iron Works, 9th c Montg'y av, Phila., Pa.
Taylor, E. R. & Co. ("Bar-Lock" System), 164 Federal, Boston, Mass., & 1123 B'way, New York
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Union Iron & Foundry Co., 1452 S 2d, St. Louis, Mo.
Van Dorn Iron Works Co., 1793 E Madison av, Cleveland, O.
VULCAN CO., Detroit, Mich. (See adv. index, end of book)
Wallace Foundry & Machine Co., Lafayette, Ind.
Ward, Wm. E. & Co., 1347 Central av, Cincinnati, O.
West Side Structural Co. (Plain & Prismatic), Watervliet, N. Y.

Vault & Office Furniture (Metallic)

(See Bank & Office Fixtures, Metallic.)

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American Veneer Co., Jersey City, N. J.
Frost Veneer Seating Co., Sheboygan, Wis., & 208 Canal, New York

Veneer Cutting Machines

(See Machines, Veneer Cutting.)

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Albroe, D. Co., 200 Lewis, New York, & Cincinnati, O.
American Veneer Co., Wells River, Vt.
Ashville Veneer Co. (Veneers & Panels), Ashville, N. Y.
Astoria Veneer Mills, Long Island City, N. Y.
Becker, R. E. (Wholesale), Pickering bldg, Cincinnati, O.
Beeson, Fred (Importer), c Kinzie & Armour, Chicago, Ill.
Beldenville Lumber Co., Waverly, Wis.
Blair & De Larm Veneer Co., West Charleston, Vt.
Bohm Mfg. Co., St. Paul, Minn.
Boyd, C. C. & Co., Glenn bldg, Cincinnati, O.
Bowers Mfg. Co. (Built-up), Harrison, N. J.
Branch, W. W. Veneer & Lumber Co., Charleston, W. Va.
Buren Veneer Co., 117 S 2d, Phila., Pa.
Burton, C. H. & Co., c John & Augusta, Cincinnati, O.
Chicago Veneer Co., Burnside, Ky.
Cincinnati Veneer Co., 128 W 6th, Cincinnati, O.
Clements, Ross Mfg. Co., Thomasville, N. C.
Crocker Chair Co., Sheboygan, Wis.
Dann Bros. & Co. (Veneers & Panels), New Haven, Conn.
Dwight Lumber Co., Detroit, Mich.
Elmwood Mfg. Co., Spring Valley, Wis.
Eggers, Fred Veneer Seating Co., Two Rivers, Wis.
Emery, George D., Chelsea, Mass.
Frost Veneer Seating Co., Sheboygan, Wis.
Gale Mfg. Co., Warren, Pa.
Glidden Veneer Co., Glidden, Wis.
Goshen Veneer Co., Goshen, Ind.
Grand Rapids Veneer Works, Grand Rapids, Mich.
Greenville Mfg. Co. (Birch, Beach & Maple), Greenville, Me.
Hall, Edw. & Son, 218 S 2d, Phila., Pa.
Hermansville Veneer Co., Hermansville, Mich.
Hoffman Bros., Fort Wayne, Ind.
Hood & Wright, Big Rapids, Mich.
Indiana Lumber & Veneer Co., 1101 E 23d, Indianapolis, Ind.
Indianapolis Sawed Veneer Co., Indianapolis, Ind.
Jasper Veneer Mills, Jasper, Ind.
Johnson, L. S. & Co., 414 Albany, Boston, Mass.
Kentucky Veneer Works (Quartered, Sawed Oak Veneer), 13th & Magnolia, Louisville, Ky.
King, C. L. & Co., Holland, Mich.
Louisville Veneer Mills, 948 Fulton, Louisville, Ky.
McLeod, H. R., Baton Rouge, La.
Maley, Thompson & Moffett, 8th & McLean av, Cincinnati, O.
Mancelona Hoop Co., Manchester, Mich.
Michigan Veneer Co., Alpena, Mich.
Morris Mfg. Co., Morris, Wis.
Muloda Veneer Mfg. Co., Edinburg, Ind.
Murdoch Veneer & Lumber Co., Washington, Ind.
National Veneer Co., Charleston, W. Va.
Palmer, Parker & Co., 103 Medford, Charleston, Mass.
Pearl City Veneer Co., Jamestown, N. Y.
Portsmouth Veneer & Panel Co., Portsmouth, O.
Puffer-Hubbard Mfg. Co., Minneapolis, Minn.
Rhinelander Veneer Co., Rhinelander, Wis.
Roddis Veneer Co., Marshfield, Wis.
Schwarz, C. & P., Green Bay, Wis.
Shiels, Chas. F. & Co., 923 Carr, Cincinnati, O.
Smith, E. T., Johnson City, Tenn.
Standard Veneer Co., Mobile Ala., & Chicago, Ill.
Sturm, Adolph Co. (Importer & Dealer), 51 W Wash, Chicago, Ill.
Stockwell, M. E. & Co., Grand Rapids, Mich.
Strong Veneer Co., Gerry, N. Y.
Tennessee Lumber Co., Cincinnati, O.
Underwood Veneer Co., Wausau, Wis.
Uptegrove, Wm. E. & Bro., 465 E 10th, New York, & Johnson City, Tenn.
Walker, J. C. & Sons, Alpena, Mich.
Welsh-Tuxford Veneer Co., Gowanda, N. Y.
Williams, Ichabod T. & Sons, 338 Wabash av, Chicago, Ill.
Williams Veneer Co., Indianapolis, Ind.
Williams, W. H., Long Island City, N. Y.
Wisconsin Timber & Land Co., Matton, Wis.
Wisconsin Veneer Co., Rhinelander, Wis.
Wisler, C. F., Hillsboro, O.
Worden, A. & Son, Ypsilanti, Mich.

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Ahnapee Veneer & Seating Co., Algoma, Wis.
American Veneer Co., Jersey City, N. J.
Eggers, Fred Veneer Seating Co., Two Rivers, Wis.
Frost Veneer Seating Co., Sheboygan, Wis., & 208 Canal, New York
McKibben, G. N. Mfg. Co. (also Panels, Etc.), So. Norwalk, Conn.
Woodman, Joel H., Hoboken, N. J.

Ventilating Apparatus

AMERICAN BLOWER CO., 1400 Russell, Detroit, Mich.
ANDREWS & JOHNSON CO., 256 W Washington Boul., Chicago, Ill. (See adv. index, end of book)
Boston Blower Co., Hyde Park, Mass.
Garden City Fan Co., 42 S Clinton, Chicago, Ill.
NATIONAL BLOWER CO., 17th & St. Paul av, Milwaukee, Wis. (See adv. index, end of book)
STURTEVANT, B. F. CO. Hyde Park, Mass.; 34 Oliver, Boston, Mass.; 131 Liberty, New York; 281 S Clinton, Chicago, Ill.; 135 N 3d, Phila., Pa., & 147 Queen Victoria St, London, England. (See adv. index, end of book)

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Chadborn Mfg. Co. (Automobile), Newburgh, N. Y.
Carmody, J. D. (Automatic), Evansville, Ind.
Devlin, Thos. Mfg. Co. (Self-Locking for Factories, Buildings, etc.), 3d & Lehigh av, Phila., Pa.
Quaker City Machine Co. (Evans' Roller Bearing), Richmond, Ind.

Ventilating Piping

WIEBER, HENRY E., Kingston, N. Y. (See adv. index, end of book)

Ventilator Mfrs.

American Steel Roofing Co. (American), Middletown, O.
Berger Bros. Co. ("Perfection"), 231 Arch, Phila., Pa.
BERGER MFG. CO. ("Buckeye & World"), Main Office & Works, Canton, O. Branches: 23 Lake, Chicago, Ill.; 210 E 23d, New York; 623 N Main, St. Louis, Mo.; 1215 Filbert, Phila., Pa., & 176 Federal, Boston, Mass. (See adv. index, end of book)
Bishop's, Wm. Sons, 205 South, N. Y.
Buffalo Forge Co., Buffalo, N. Y.
Calvert & Holloway (Nash), 68 N 2d, Phila., Pa.
Cambridge Roofing Co. (World & Eureka), Cambridge, O.
Canton Steel Roofing Co., Canton, O.
CLASON ARCHITECTURAL METAL Works (Inc.), (Revolving), 428 Kinsley av, Providence, R. I. (See adv. index, end of book)
Dowman-Dozier Mfg. Co. ("Dixie"), Atlanta, Ga.
DROUVE, G. CO., 40 Tulip, Bridgeport, Conn. (See adv. index, end of book)
Fenn, Geo. E. (Fenn's Rotary), 94 Blackstone, Boston, Mass.
Friederichs & Wolfrum (Iron), 107 Gratiot av, Detroit, Mich.
FRIEDLEY & VOSHARDT ("Crescent"), 196 Mather, Chicago, Ill. (See adv. index, end of book)

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Hall & Carpenter ("Buckeye & Moore"), 518 Race, Phila., Pa.
Hewitt, Thos. J. (Rotary Screw), 38 Cortlandt, N. Y.
Hoffman & Baur (Columbia), 279 Blake, Milwaukee, Wis.
Jersey City Galvanizing Co., 112 John, N. Y., & Jersey City, N. J.
Lee, Thos. ("Common Sense"), 132 W 2d, Cincinnati, O.
Lorraine Foundry Co. ("Hodel" for Draft), Bush & Wiscomico, Baltimore, Md.
McClure Co. (Perfection), 211 2d av, Pittsburg, Pa., & 301 Florest, Phila., Pa.
McCoy, John (The Colby), 31 Dearborn, Chicago, Ill.
McCreery, Jos., Toledo, O.
Merchant & Co. (Inc.), ("Star"), 517 Arch, Phila., Pa.; 247 Water, N. Y.; 584 Flushing av, Brooklyn, N. Y., & 16 Michigan, Chicago, Ill.
Metallic Mfg. Co. (Metallic), 110 Erie, Camden, N. J.
Meurer Bros. Co. (Anchor), 571 Flushing av, Brooklyn, N. Y.
Pan-Coast Ventilator & Mfg. Co. ("Pan-Coast"), 233 S 5th, Phila., Pa.
Riter Bros. & Co. (Earle's), 1022 Race, Phila., Pa.
Royal Ventilating Mfg. Co., 415 Locust, Phila., Pa.
Washburne, Edw. G. (Rotary Screw), 46 Cortlandt, N. Y.

Ventilator & Skylight Combined

Merchant & Co. (Inc.), 517 Arch, Phila., Pa.; 16 Michigan, Chicago, Ill.; 245 Water, N. Y. & 584 Flushing av, Brooklyn, N. Y.
MILWAUKEE CORRUGATING CO., Milwaukee, Wis. (See adv. index, end of book)

Ventilators (Brick Wall)

Tuttle & Bailey Mfg. Co., 83 Beekman, New York

Ventilators (Car)

Chadborn Mfg. Co. ("Chadborn's" Automatic Ventilator & Heat Control), Newburgh, N.
Creamer, W. G. & Co., 96 John, N. Y. Y.
Electric Motor & Generator Ventilating Co., Drexel bldg, Phila., Pa.
Globe Ventilating Co. (The Globe), Troy, N. Y.
Pullman Automatic Ventilator Co. (Also for Depots, Offices, etc.), York, Pa.
Merchant & Co. (Iinc.), ("The Star"), 517 Arch, Phila., Pa.; 247 Water, New York; 16 Michigan, Chicago, Ill., & 584 Flushing av, Brooklyn, N. Y.

Ventilators (Closet)

Miller Specialty Co., North Tonawanda, N. Y.
Scully, W. J. Mfg. Co. ("Puritus"), Detroit, Mich.

Ventilators (Window)

Bracher Ventilator Co. (Revolving, etc.), 129 Fulton, N. Y.
Field's, Chas. J. Sons, 633 Market, Phila., Pa.
Hanney Mfg. Co. ("Horsfield" Sash Light & Ventilator), 167 Dearborn, Chicago, Ill.
Horsman, F., Jr., & Co., Providence, R. I.
Pullman Automatic Ventilator Co. (For Lower Sash Rail), York, Pa.
Rochester Automatic Oil & Supply Co. ("Yawman" Sash Lift & Ventilator), Rochester, N. Y.
Tuttle & Bailey Mfg. Co. ("Perfection"), 83 Beekman, N. Y

Vestibules (Car)

Gould Coupler Co., 1 W 34th, N. Y.; Rookery bldg, Chicago, Ill.; Commercial bldg, St. Louis, Mo. Works, Depew, N. Y.
McConway & Torley Co., 48th & A. V. Ry., Pittsburg, Pa.

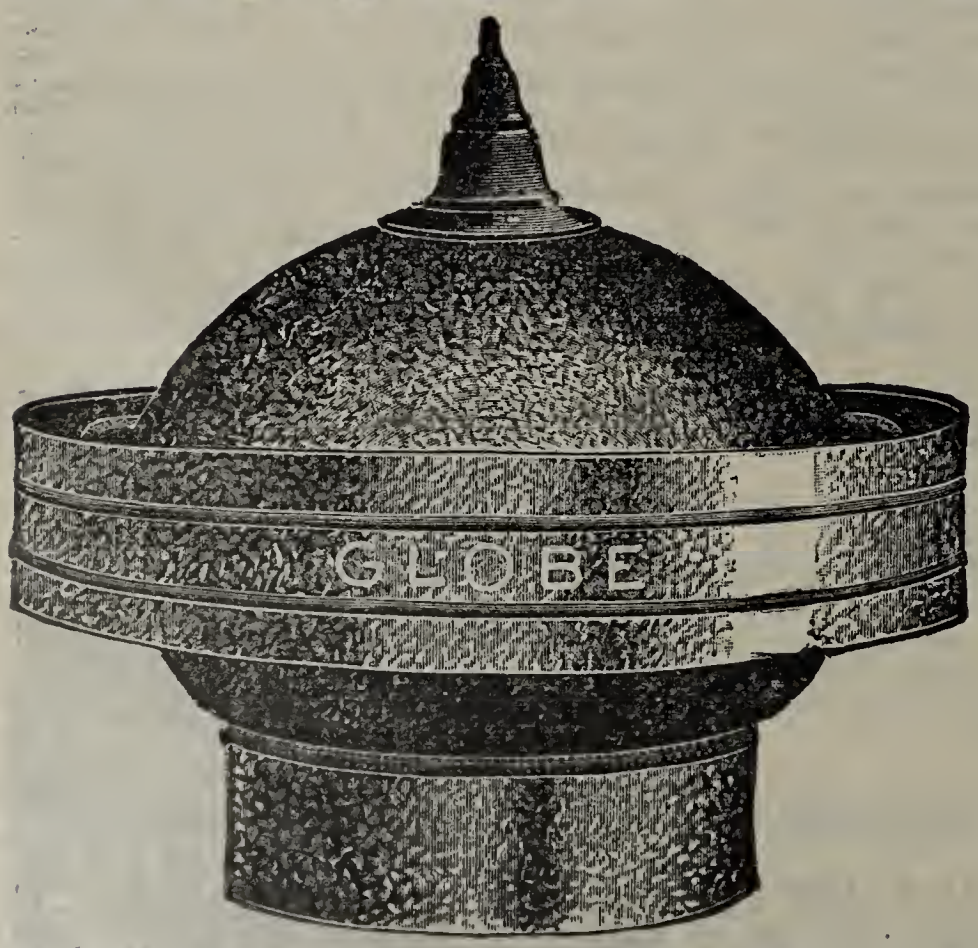
Vise Stands (Portable)

Western Tool & Mfg. Co., Springfield, O.

Vises (Bench)

Athol Machine Co. ("Simpson's"), Athol, Mass.
Bonncy Vise & Tool Works (Inc.), "Bonney" & "Champion," 3015 Chestnut, Phila., Pa.
Barbour-Stockwell Co. (Screw, the "Chandler" & "Washburn"). Cambridgeport, Mass.
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Eagle Anvil Works ("Fisher" Screw), Trenton,
Emmert Mfg. Co., Waynesboro. Pa. N. J.
Hanna Engineering Works (Automatic, Quick Acting), 820 Elston av, Chicago, Ill.
HOWARD IRON WORKS (Fixed & Swivel), Buffalo, N. Y., & 126 Liberty, N. Y. (See adv. index, end of book)
Illinois Iron & Bolt Co. (Machinists, etc.), Carpentersville, Ill.
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Jones & Laughlin Steel Co. (The Howard), Pittsburg, Pa.; 220 B'way, N. Y., & 32 W Lake, Chicago, Ill.
Lewis Tool Co., 708 Railroad av, Bridgeport, Conn.
Meadville Vise Co. (The Barrett), Meadville, Pa.
Merrill Bros. (Stecl Bar Paralled Jaws Swivel Base), Kent av & S 11th, Brooklyn, N. Y.
Midland Iron Works, Racine, Wis.
Poenix Hardware Mfg. Co., Homer, N. Y.
Prentiss Vise Co., 44 Barclay, N. Y.
Reed Mfg. Co., Erie, Pa.
Richmond Foundry & Mfg. Co. (Cast Iron), 517 Market, San Francisco, Cal.
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Williamson Mfg. Co., Bradford, Pa.

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Massey Vise Co., 110 E Indiana, Chicago, Ill.
Meadville Vise Co., Meadville, Pa.
Prentiss Vise Co., 44 Barclay, N. Y.

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Hollands Mfg. Co., Erie, Pa.
Kinsley Iron & Machine Co. (Calking), Canton, O.
Russ, A. E. Mfg. Co., 87 Wade Park, Pa., & Cleveland, O.

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Meadville Vise Co. (The Barrett), Meadville, Pa.

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Bliss, R. Mfg. Co. (Carpenters), Pawtucket, R. I.
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Jones & Laughlin Steel Co. (Ltd.), Pittsburg, Pa.; 220 B'way, N. Y., & 32 W Lake, Chicago, Ill.
Lewis Tool Co., 708 Railroad av, Bridgeport, Conn.
Massey Vise Co., 110 E Indiana, Chicago, Ill.
Meadville Vise Co. (The Barrett), Meadville, Pa.
National Novelty Corp'n, 826 B'way, New York
Parker, Chas. Co., Meriden, Conn.
Phoenix Hardware Mfg. Co., Homer, N. Y.
Prentiss Vise Co., 44 Barclay, N. Y.
Timmis & Clissold, Bound Brook, N. J.
Toles, W. C. Co., Irving Park, Chicago, Ill.
Wyman & Gordon (Quick Action), Worcester, Mass.

Vises (Drill)

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Graham Mfg. Co., Providence, R. I.
Hopkinson Machine Works, Springfield, Mass.
Jacobson Machine Mfg. Co., Warren, Pa.
Millers Falls Co. (Also Anvil), Millers Falls, Mass., & 28 Warren, N. Y.
Patterson Tool & Supply Co., Dayton, O.
Prentiss Vise Co. (Also Anvil), 44 Barclay, N. Y.

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Columbian Hardware Company, Coe & Hamilton, Cleveland, O.; 14 Warren, N. Y., & 86 Michigan, Chicago, Ill.
Phoenix Hardware Mfg. Co., Homer, N. Y.

Vises (Foot)

Boyce & Fansworth, Fayette, O.

Vises (Hand)

Athol Machine Co. ("Boss" "Standard"), Athol, Mass.
Billings & Spencer Co. (Linemen's, Machinists', etc.), Hartford, Conn.
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Braunsdorf-Muller Co., Elizabeth, N. J.
Columbian Hardware Company, Coe & Hamilton, Cleveland, O.; 14 Warren, N. Y., & 86 Michigan, Chicago, Ill.
Goodell-Pratt Co., Greenfield, Mass.
Illinois Iron & Bolt Co., Carpentersville, Ill.
Millers Falls Co., Millers Falls, Mass., & 28 Warren, New York
National Novelty Corp'n ("Brighton"), 826 B'way, New York
Phoenix Hardware Mfg. Co., Homer, N. Y.
Smith, Otis A., Rockfall, Conn.
Utica Drop Forge & Tool Co., Utica, N. Y.

Vises (Horseshoers')

Burke, P. F., Dorr & Dorchester av, Boston, Mass.
Butts & Ordway Co., 190 High, Boston, Mass.
Columbian Hardware Co., Coe & Hamilton, Cleveland, O.; 14 Warren, N. Y., & 86 Michigan, Chicago, Ill.
Wells Bros. Co., Greenfield, Mass.
Wiley & Russell Mfg. Co., Greenfield, Mass.

Vises (Linemen's)

Billings & Spencer Co. (Drop Forged), Hartford, Conn.
Dicke Tool Co., Downers Grove, Ill.
Utica Drop Forge & Tool Co., Frankfort, N. Y.

Vises (Machinists')

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Bonney Vise & Tool Works, "Box Slide Machinists & Filers, etc.," 3015 Chestnut, Phila., Pa.
Emmert Mfg. Co., Waynesboro, Pa.
Fayette Mfg. Co., Fayette, O.
Lewis Tool Co. (Self Adjustable Jaw & Quick Acting), 708 Railroad av, Bridgeport, Conn.
Prentiss Vise Co. (Self Adjusting Jaw & "Rapid Transit Bull Dog"), 44 Barcloy, N. Y.
Reed Mfg. Co., Erie, Pa.
Strellinger, Chas. A. Co. (The Crosby), 98 Bates, Detroit, Mich.

Vises (Milling Machine)

Brown & Sharpe Mfg. Co., Providence, R. I.
Carter & Hakes Machine Co., Winsted, Conn.
Clough, R. M., Tolland, Conn.
FOX MACHINE CO., Grand Rapids, Mich. (See adv. index, end of book)
Hendey Machine Co., Torrington, Conn.
Hill, Clarke & Co., 156 Oliver, Boston, Mass.
Massey Vise Co., 110 E Indiana, Chicago
Pratt & Whitney Co., Hartford, Conn.
Vanderbeck Tool Works, Hartford, Conn.
Whitney Mfg. Co., Hartford, Conn.

Vises (Parallel)

(See Vises, Bench.)

Adams Co. ("The Diamond"), Dubuque, Ia.
Athol Machine Co. ("Simpson's"), Athol, Mass.
Bignall & Keeler Mfg. Co., Edwardsville, Ill.
Bonney Vise & Tool Works, 3015 Chestnut, Philadelphia, Pa.
Columbian Hardware Co., Coe & Hamilton, Cleveland, O.; 14 Warren, N. Y., & 86 Michigan, Chicago, Ill.
Fisher & Norris (Double Screw) (Clark Fisher, Prop.) Fair & Factory, Trenton, N. J.
HAMMACHER, SCHLEMMER & CO., 133 4th av, N. Y. (See adv. index, end of book)
Hollands Mfg. Co., Erie, Pa.
HOWARD IRON WORKS, Buffalo, N. Y., & 126 Liberty, N. Y. (See adv. index, end of book)
Illinois Iron & Bolt Co. (Steel Faced), Carpentersville, Ill.
Jones & Laughlin Steel Co. (Ltd.), Pittsburg, Pa.; 220 B'way, N. Y., & 32 W Lake, Chicago, Ill.
Lewis Tool Co. (Solid Jaw), 708 Railroad av, Bridgeport, Conn.
Massey Vise Co., 110 E Indiana, Chicago
Merrill Bros., 465 Kent av, Brooklyn, N. Y.
Millers Falls Co., Millers Falls, Mass., & 28 Warren, New York
Parker, Chas. Co., Meriden, Conn.
Prentiss Vise Co. ("Rapid Transit Bull Dog"), 44 Barclay, N. Y.
Tower & Lyon Co. (Leg Quick Acting), 95 Chambers, N .Y.

Vises (Pipe)

Adams Co. (The "Diamond"), Dubuque, Ia.
Armstrong Mfg. Co., Bridgeport, Conn., & 139 Centre, New York
ASHCROFT MFG. CO., THE, 85, 87, 89 Liberty, New York ,& 22, 24, 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.
Bignall & Keeler Mfg. Co. (Combination, Bench & Pipe), Edwardsville, Ill.
Bonney Vise & Tool Works, "Indispensible, etc.," 3015 Chestnut, Phila., Pa.
Butler Co., Butler, Ind.
Butterfield & Co., Derby Line, Vt.
Clark Bros., Belmont, N. Y.
Cox & Sons Co., 215 Race, Phila., Pa.
CRANE CO., Est. 1855, Chicago, New York, Philadelphia, St. Louis, Kansas City, Mo.; Sioux City, Omaha, Los Angeles, San Francisco, Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Curtis & Curtis Co., Bridgeport, Conn.
Eagle Anvil Works ("Fisher"), Trenton, N. J.
Eaton, Cole & Burnham Co. ("Smith"), 253 B'way, N. Y.
Enterprise Windmill Co. ("Enterprise"), Sandwich, Ill.
Erie Mfg. & Supply Co. (Sectional Jaw), Erie, Pa.
Fairbanks Co., 186 Elm, New York. (For Branches, See Valve Mfrs.)
Henderer, A. L. Sons, Wilmington, Del.
Hickman-Melhorn Co., 200 Liberty av, Pittsburg, Pa.
Hollands Mfg. Co. ("Hough"), Erie, Pa.
HOWARD IRON WORKS, Buffalo, N. Y., & 126 Liberty, N. Y. (See adv. index, end of book)
Humphreys Mfg. Co., Mansfield, O.
Jarecki Mfg. Co., Erie & Pittsburg, Pa.
Kemp, C. M. Mfg. Co. ("Climax"), 401 E Oliver, Baltimore, Md.
Lewis Tool Co., 708 Railroad av, Bridgeport, Conn.
Mark Mfg. Co. ("Roller"), Chicago, Ill.
Massey Vise Co. ("Clinches," Lightning Grip), 110 E Indiana, Chicago, Ill.
Meadville Vise Co. (The Barrett Combination), Meadville, Pa.
Nason Mfg. Co., 71 Beekman, New York
National Vise & Tool Works, Camden, N. J.
Oswego Tool Co. (Walworth, Armstrong & Smith, bPatterns), Oswego, N. Y.
Parker, Chas. Co., Meriden, Conn.
Phoenix Hardware Mfg. Co., Homer, N. Y.
Prentiss Vise Co. ("New Biake," "Prentiss," Combination "Prentiss," Open Side & 20th Century "Shepard"), 44 Barclay, N. Y.
Reed Mfg. Co., Erie, Pa.
Saunders, D. Sons, Yonkers, N. Y.
SIMMONS, JOHN CO., 110 Centre New York
Spencer Regulator Co., Salem, Mass.
Vandeman, Wm. Plumbing & Heating Co. (Combination & Self-Locking), Willimantic, Conn.
Walworth Mfg. Co. ("Klingfast"), 132 Federal Boston, Mass.
Yale & Towne Mfg. Co., 9 Murray, N. Y., & Stamford, Conn

Vises (Planer)

Denison Mfg. Co. ("Denison"), Warren, O.
Fulton Machine Co., Canal Fulton, O.
Gould & Eberhardt, Newark, N. J.
Hendey Machine Co., Torrington, Conn.
Massey Vise Co., 110 E Indiana, Chicago, Ill.
Pratt & Whitney Co., Hartford, Conn.
Vanderbeck Tool Works, Hartford, Conn.

Vises (Saw)

Atkins, E. C. & Co., Indianpolis, Ind.
Atlantic Works (Inc.), 23d & Arch, Philadelphia, Pa.
Bonney Vise & Tool Works, "Saw Filers," 3015 Chestnut, Phila., Pa.
Cincinnati Tool Co., Cincinanti, O.
Disston, Henry & Sons (Inc.), Tacony, Phila., Pa., & 75 W Wash'n, Chicago, Ill.
HAMMACHER, SCHLEMMER & CO., 133 4th av, New York. (See adv. index, end of book)
Jennings, C. E. & Co., 42 Murray, New York
Kupferle, Jno. C., 2d & Mound, St. Louis, Mo.
McClure, Chas., 624 W Pice, Los Angeles, Cal.
New Britain Machine Co. (for Filing Band Saws), New Britain, Conn.
Parker, Chas. Co., Meriden, Conn.
Phoenix Hardware Mfg. Co., Homer, N. Y.
Seneca Falls Mfg. Co., Seneca Falls, N. Y.

Vises (Solid Box)

Columbian Hardware Company, Coe & Hamilton. Cleveland, O.; 14 Warren, New York, & 86 Michigan, Chicago, Ill.
Columbus Forge & Iron Co., Columbus, O.
Fisher & Norris (Fisher), (Clark Fisher, Prop.). Fair & Factory, Trenton, N. J.
HAMMACHER, SCHLEMMER & CO., 133 4th av, New York. (See adv. index, end of book)
Illinois Iron & Bolt Co. (Wrought Iron), Carpentersville, Ill.
Iron City Tool Works (Ltd.), Pittsburg, Pa.
New London Vise Works. New London, Conn.
Prentiss Vise Co., 44 Barclay, N. Y.

Wagons (Asphalt, Dump)

COLUMBIA WAGON CO., Columbia, Pa. (See adv. below)
Shadbolt Mfg. Co., 68 Flushing av, Brooklyn. N. Y.
Studebaker Bros. Mfg. Co., South Bend, Ind.; 48th & Broadway, N. Y., & 378 Wabash av. Chicago, Ill.
Watson Wagon Co., Canastota, N. Y.

Wagons (Asphalt & Pitch Melting)

CONTRACTORS' TOOL CO., 704 Arch, Phila., Pa. (See adv. index, end of book)

Wagons (Baggage & Express)

(See Barrows, Baggage & Express.)

Wagons (Builders')

Studebaker Bros. Mfg. Co., South Bend, Ind.; B'way & 48th, New York, & 378 Wabash av, Chicago, Ill.

Wagons (Dumping)

Acme Wagon Co., Emigsville, Pa.
Austin Mfg. Co. (Automatic), Harvey, Ill., & 315 Dearborn, Chicago, Ill.
BARTLETT, C. O. & SNOW CO., French St, Cleveland, O. (See adv. index, end of book)
Beckert, Wm., 1001 Ohio. Allegheny, Pa.
Bennett, H. L. & Co., Westerville, O.
Blake, J. M. & Son, 54 Indiana, Buffalo, N. Y.
Climax Road Machine Co., Marathon, N. Y.
COLUMBIA WAGON CO. ("Day's" Columbian Drop Bottom), Columbia, Pa. (See adv. below)
Duquesne Vehicle Co., 400 Duquesne Way, Pittsburg, Pa.
Hill, Thos. (Steel), 312 Henderson, Jersey City, N. J.
Mast, P. P. & Co., Springfield, O.
Milburn Wagon Co., Toledo, O.
Moulton & Evans ("Evans"), Corn Exch. bldg, Minneapolis, Minn.
National Drill & Mfg. Co., Pullman bldg, Chicago, Ill. Works, Barberton, O.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Schuttler & Hotz, 22d & Rockwell, Chicago, Ill.
Shadbolt Mfg. Co., 68 Flushing av, Brooklyn. N. Y.
SHAW, WILLIS, 171 LaSalle, Chicago. (See adv. index, end of book)
Studebaker Bros. Mfg. Co., South Bend, Ind.; 48th & B'way, New York, & 378 Wabash av,
Watson Wagon Co., Canastota, N. Y.
Western Wheeled Scraper Co., Aurora, Ill.

Wagons (Freight, Teaming, etc.)

Auburn Wagon Co., Martinsburg, W. Va.
Bain Wagon Co. (For Freight, etc.), Kenosha, Wis.
Bodley Wagon Co. (Up to 30 Tons), Memphis, Tenn.
Fish Bros. Wagon Co., Racine, Wis.
Harrison Wagon Co., Grand Rapids, Mich.
Knapheide Wagon Co., Quincy, Ill.
Studebaker Bros. Mfg. Co., South Bend, Ind.; 48th & B'way, New York, & 378 Wabash av, Chicago, Ill.
Troy Wagon Works Co., Troy, O.

Wagons (Garbage)

American Bridge & Scraper Co., Anderson, Ind.
Austin Mfg. Co., Manhattan bldg, Chicago, Ill.
COLUMBIA WAGON CO., Columbia, Pa. (See adv. below)
Shadbolt Mfg. Co. (Dumping), 68 Flushing av, Brooklyn, N. Y.
Studebaker Bros. Mfg. Co., South Bend, Ind.; 48th & B'way, New York, & 378 Wabash av, Chicago, Ill.
United States Sanitary Co. (Garbage & Night Soil Wagons & Carts), Washington, D. C.
Watson Wagon Co., Canastota, N. Y.

Wagons (Hose)

Stewart, A. F. & S. C., Rochester, N. Y.

Wagons (Ice)

Studebaker Bros. Mfg. Co., South Bend, Ind.; 48th & B'way, New York, & 378 Wabash av, Chicago, Ill.

Wagons (Larry Coke)

Niles Mine & Mill Supply Co., Cleveland, O., & Niles, O.
Phillips Mine & Mill Supply Co., Pittsburg, Pa.

Wagons (Laundry)

Armleder, O. Co., Cincinnati, O.
Koenig & Luhrs Wagon Co., Quincy, Ill.

Wagons (Logging)

Bodley Wagon Co., Memphis, Tenn.
Diamond Iron Works ("Diamond" Roll-Off), Minneapolis, Minn.
Fish Bros. Wagon Co., Racine, Wis.
Luedinghaus-Espenschied Wagon Co., 1715 N B'way, St. Louis, Mo.
Phoenix Mfg. Co., Eau Claire, Wis.
Roesch, Fred, Little Rock, Ark.
Sanford, A. Logging Tool Co., Oshkosh, Wis.
Schwartz, Jos. Co. (Ltd.), 821 Perdido, New Orleans, La.
Studebaker Bros. Mfg. Co., South Bend, Ind.; 48th & B'way, New York, & 378 Wabash av, Chicago, Ill.
Troy Wagon Works Co., Troy, O.
Weber Wagon Co., Station P, Chicago
Zelnicker, Walter A. Supply Co., 408 N 4th, St. Louis, Mo.; Mobile, Ala., & New Orleans, La.

Wagons (Lumber)

Williams Bros., Ithaca, N. Y.

Wagons (Ore, Coal & Mining)

Bettendorf Axle Co. (Steel Gear, Coal, Farm, etc.), Davenport, Ia.
Jackson Mfg. Co. (Steel), Harrisburg, Pa.
KOPPEL, ARTHUR, 68 Broad, New York, N. Y. (See adv. index, end of book)
Studebaker Bros. Mfg. Co., South Bend, Ind.; 48th & B'way, New York, & 378 Wabash av, Chicago, Ill.

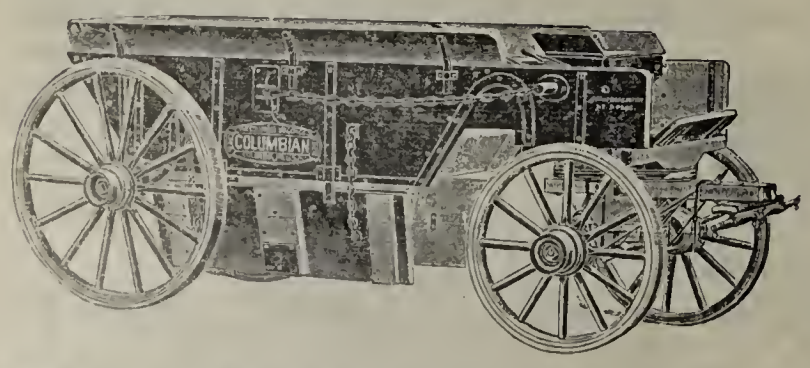
Wagons (Police & Fire Patrol)

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Wagons (Stave)

Strait, H. N., Kansas City, Mo.

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Sheffield Car Co., Three Rivers, Mich.
Turl's, John Sons (Inc.), 536 W 28th, New York

Wagons (Trolley)

ANDERSON, W. H. & SONS (Pole Rising), Detroit, Mich. (See adv. index, end of book)
Briggs Carriage Co., Amesbury, Mass.
Leonhardt Wagon Mfg. Co., 412 E Saratoga, Baltimore, Md.
McCardell, J. R. & Co., Trenton, N. J.
Milburn Wagon Co., Toledo, O.
Winona Wagon Co., Winona, Minn.

Wainscoting (Iron, Electro Bronze Plated)

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Wall Boards (Sackett's)

Sackett Wall Board Co., 17 Battery pl, New York

Wall Boxes

(See Boxes, Wall.)

Wall Coping Mfrs.

(See Sewer Pipe Mfrs. Also Terra Cotta Architectural.)

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Leatherole Co. ("Leatherole" & "Sanitas"), 142 W 23d, New York
LLOYD, W. H. S. CO., 26 E 22d, New York
RICHTER MFG. CO., Tenafly, N. J.
Standard Table Oil Cloth Co. ("Sanatas" Washable Cloth), 320 B'way, New York
Tex-Ta-Dor-Na Mfg. Co., Columbus, O.
WIGGINS, H. B. SONS CO. ("Fab-Ri-Ko-Na"), Bloomfield, N. J.

Wall Coverings (Imported)

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(The Trade Names of these Finishes are between each firm's name and address.)

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Anti-Kalsomine Co., Grand Rapids, Mich.
Cardiff Gypsum Plaster Co. (Kallolite), Ft. Dodge, Ia.
Casein Co. (Indurine) of America, 11 Pine, New York, & Bellows Falls, Vt.
Diamond Wall Finish Co., Grand Rapids, Mich.
Fox, M. Ewing & Co. (Permanite), 136 Rider av, New York
JOHNSTON, HENRY M. MFG. CO., 60 Washington av, Brooklyn, N. Y. (See adv. index, end of book)
KEYSTONE PLASTER CO. (Ada-mant), Chester, Pa.; 26th & E, N W, Washington, D. C.; 16 S Broad, Phila., Pa., & Williamsport, Pa.
Moore, Benjamin & Co. (Muresco), 256 Water, Brooklyn, N. Y.; New York, & Chicago
Muralo Company, New Brighton, Boro of Richmond, N. Y.
New Buffalo Eureka Wall Finish & Mineral Paint Co., New Buffalo, Mich.
Paragon Wall Plaster Co., Syracuse, N. Y.
Shoemaker, Robert & Co. (Encaustic Compound), 4th & Race, Philadelphia, Pa.
Standard Lime Co. ("Standard" Rock), Gibsonburg, O., & 348 6th av, Pittsburg, Pa.
Troy Cold Water Kalsomine Co., 22 Paine, Troy, N. Y.
United State Gypsum Co. (Liem & Cementus), 184 LaSalle, Chicago
Water Paint Co. (Crown & Petrol Brands), 100 William, New York
WHITTAKER, W. H. ("Continen-tal"), 245 Front, New York
Wotherspoon Plaster Mills, 1170 B'way, New York, & 725 Vernon av, Long Island City, N. Y.

Wall Paper (Fire-Proof)

ASBESTOS & MAGNESIA MFG. CO., Land Title bldg, Phila., Pa. (See adv. index, end of book)
Gilmour, R. M. Mfg. Co., 105 John, N. Y.

Wall Paper Mfrs.

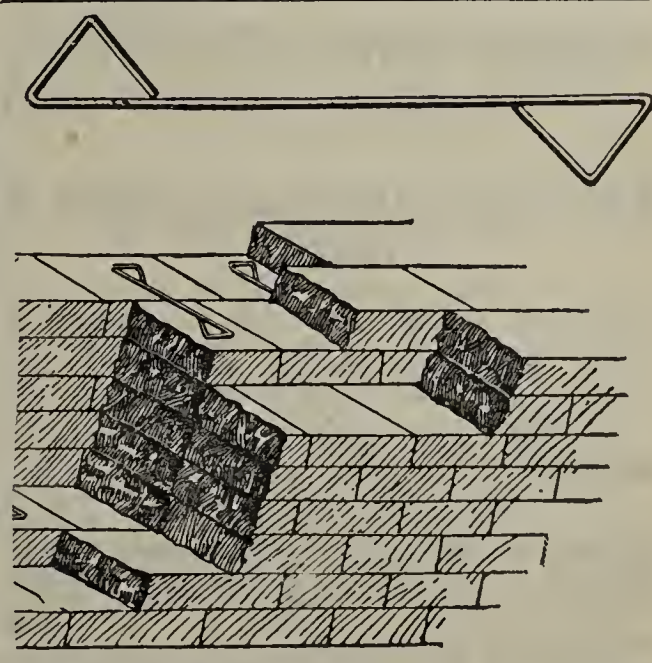
Bailey, Wm. & Son, Cleveland, O.
Beck, F. & Co., 29th & 7th av, New York
Becker, Smith & Page (Inc.), Snyder av & S Water, Phila, Pa.
Benton, Heath & Co., Hoboken, N. J.
Birge, M. H. & Sons Co., Buffalo, N. Y.
Carey Bros. Co., 2228 N 10th, Phila., Pa.
Cecil Paper Co., York, Pa.
Creswell & Washburn, Washington av & 18th, Phila., Pa.
Fairfax Bros., Geneva, N. Y.
Gledhill Wall Paper Co., 543 W 34th, New York
Gossler Wagner Co., 800 S 11th, Phila., Pa.
Graves, Robt. Co., 404 Bridge, Brooklyn, N. Y.
Imperial Wall Paper Co., Sandy Hill, N. Y.
Ithaca Wall Paper Mills, Ithaca, N. Y.
Janeway & Carpenter, New Brunswick, N. J.
Janeway & Co., New Brunswick, N. J.
Maxwell, S. A. & Co., 121 Crosby, New York
National Wall Paper Co., 225 4th av, New York
Potter Wall Paper Mills, 3 E 13th, New York
Quaker City Wall Paper Co., E Thompson & E Westmoreland, Phila., Pa.
Smeallie, P. H. & Co., Amsterdam, N. Y.
Standard Wall Paper Co., Sandy Hill, N. Y.
Stoner Wall Paper Mfg. Co., Des Moines, Ia.
Syracuse Paper & Pulp Co., Syracuse, N. Y.
Twentieth Century Wall Paper Co., 380 Bedford av, Brooklyn, N. Y.

Wall Plugs

Prescott, J. B. & Son ("Rutty" Metal), Webster, Mass.

Wall Ties

(See also Veneer & Wall Ties.)
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Church Appliance So. ("Excelsior"), LaSalle, Ill.
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DUPLEX HANGER CO., 256 Superior, Cleveland, O. (See adv. index, end of book)
Hamblin & Russell Mfg. Co., "Perforated Steel," 44 Cliff, New York, & Worcester, Mass.

WALL TIES

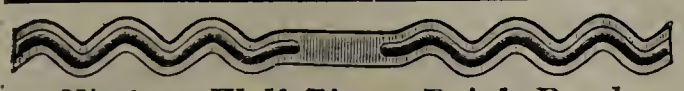
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LEVERING, O. D. ("Capitol"), 82 N 4th, Columbus, O. (See adv. on preceding page)
McDowell Mfg. Co. ("Pittsburg" Steel), 541 Wood, Pittsburg, Pa.
MERRITT & CO. (Expanded Metal), 1024 Ridge av, Phila., Pa. (See adv. index, end of book)
METAL STAMPING CO. ("Niagara"), Niagara Falls, N. Y. (See adv. on preceding page)
Peters, Jas & Son (Steel), 1934 N Front, Phila., Pa.
Prescott, J. B. & Son ("Morse" Ties & Bends), Webster, Mass.
RIESECK, P. (Wrought Steel), Al- legheny av & Rebecca, Allegheny, Pa. (See adv. index, end of book)
Taft's Eagle Claw Wall Tie Co. ("Taft's Eagle"), Topeka, Kans.
Truss & Cable Fence Co., Cleveland, O.
Tyler, Owen (Mfrs'. Agt.), Tyler bldg Louisville, Ky.
Union Brick Bond Co. ("Union"), 632 Penn av, Pittsburg, Pa.
Wagor, P. R. Mfg. Co., Springfield, Mass.
WRIGHT WIRE CO. ("Clinch"), Worcester, Mass. (See adv. index, end of book)

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SMITH, F. P. WIRE & IRON WORKS, 100 Lake, Chicago. (See adv. index, end of book)
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(See Bath Tubs, Porcelain.)

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N. J. Car Spring & Rubber Co., Jersey City, N. J.

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Tower Mfg. Co., Front & Elm, Cincinnati, O., & Madison, Ind.

Washers (Brass & Copper)

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BENEDICT & BURNHAM MFG. CO., Waterbury, Conn.; 253 B'way, N. Y.; 167 Lake, Chicago, Ill., & 172 High, Boston, Mass. (See adv. index, end of book)
Brass Goods Mfg. Co., 7 Warren, New York, & cor Nevin & Union, Brooklyn, N. Y.
Bridgeport Brass Co., Bridgeport, Corn., & 19 Murray, N. Y.
Cobb & Drew, Plymouth, Mass., & Rock Falls, Ill.
Continental Rubber Works, Erie, Pa.
Gaynor & Mitchell Mfg. Co. (Brass for Gas & Water Fittings), Bridgeport, Conn.
Haskell, Wm. H. Mfg Co., Pawtucket, R. I.
HUNGERFORD, U. T. BRASS & COP- per Co. (Mfrs'. Agts.), 497 Pearl, N. Y.
Humphrey. H. W., Unionville, Conn.
Nicetown Plate Washer Co. (Brass), 1822 Juniata, Nicetown, Phila., Pa.
Plume & Atwood Mfg. Co., Waterbury, Conn.; 199 Lake, Chicago, Ill., & 29 Murray, N. Y.
Reynolds & Co., New Haven, Conn.
Rockford Bolt Works. Rockford, Ill.
Rome Brass & Copper Co., Rome, N. Y.
Steele & Johnson Mfg. Co., Waterbury, Conn.
Upson Nut Co., Unionville, Conn., & Cleveland, O.
Waterbury Brass Co., Waterbury, Conn., & 122 Centre, N. Y.
Wilson & Smith, 40 Vine, Worcester, Mass.

Washers (Car Box)

(See Washers, Fibre, etc.)

Washers (Cast Iron)

American Iron & Steel Mfg. Co. (And Spools), Lebanon, Pa.
Cheney, S. & Son, Manlius, N. Y.
Diamond State Steel Co., Wilmington, Del.; 29 B'way, N. Y., & Phila., Pa.
Haskell, W. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., 1330 Buttonwood. Phila.. Pa.
Keagy & Lear Machine Co., Coshocton, O.
King & Andrews Co. (Cast Iron), 37 N State. Chicago Heights, Ill.
Kupferle, John C., 2d c Mound, St. Louis, Mo.
Lanz, M. & Sons, 101 S 29th, Pittsburg, Pa.
Moran Bolt & Nut Mfg. Co., St. Louis, Mo.
NATIONAL SUPPLY CO., 7 W Lom- bard, Baltimore, Md. (See adv. index, end of book)
Nicetown Plate Washer Co., 1822 Juniata, Nicetown, Phila. Pa.
Payne's Bolt Works, San Francisco, Cal.
Pleuger & Henger Mfg. Co., Hebert c 11th, St. Louis, Mo.
Rockford Bolt Works, Rockford, Ill.
South Baltimore Steel Car & Foundry Co., Baltimore, Md., & 11 B'way, New York
Stover Mfg. Co., Freeport, Ill.
Western Foundry & Sash Weight Co., 2d & Miller, St. Louis, Mo.
Wichita Mfg. Co., Wichita, Kan.
Wilson & Smith, 40 Vine, Worcester, Mass.

Washers (Fibre)

(See also Fibre Mfrs., Hard.)

American Vulcanized Fibre Co., Wilmington, Del.
Delaware Hard Fibre Co., Wilmington, Del.
Diamond State Fibre Co., Elsmere, Del.
Kartavert Mfg. Co., Beach & Md. av, Wilmington, Del.
Leatheroid Mfg. Co., Kennebunk, Me., & 108 Lincoln, Boston, Mass.

Washers (Friction)

Morgan Spring Co., Worcester, Mass.

Washers (Galvanized)

UNITED GALVANIZING CO. (Inc.), 525 N Front, Phila., Pa. (See adv. index, end of book)

Washers (Insulating)

American Vulcanized Fibre Co., Wilmington, Del.
Delaware Hard Fibre Co., Wilmington, Del.
Diamond State Fibre Co., Elsmere, Del.
GENERAL ELECTRIC CO., SCHEN- ectady, N. Y., & 44 Broad, New York. (See adv. index, end of book)
Graphite Lubricating Co., Bound Brook, N. J.
Johns, H. W. Manville Co., 100 William, N. Y.; Kartavert Mfg. Co. (Fibre), Wilmington, Del.
Leatheroid Mfg. Co., Kennebunk, Me., & 108 Lincoln, Boston, Mass.
Mica Insulator Co., 218 Water, New York
National India Rubber Co., Bristol, R. I.
Schoonmaker, Adrian O., 221 Fulton, New York
Sills, W. H. Mica Co., 64 Michigan, Chicago, Ill.
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Washers (Iron & Steel)

Aetna Nut Co., Southington, Conn.
American Bolt Co., Lowell, Mass.
American Iron & Steel Mfg. Co., Lebanon, Pa.
Avery Stamping Co. (Wrought Steel), Cleveland, Ohio
Bettcher Mfg. Co., Cleveland, O.
Bourne & Knowles Mfg. Co., 68 Main, Cleveland, O.
Cincinnati Screw & Tap Co., 2442 Beekman, Cincinnati, O.
Clark Bros. Bolt Co., Milldale, Conn.
Clark, W. J. Co., Salem, O.
Clark & Cowles, Plainville, Conn.
Cobb & Drew, Plymouth, Mass., & Rock Falls, Ill.
Columbus Bolt Works, Columbus, O.
Continental Bolt & Iron Works, 22d & Union, Chicago, Ill.
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Graham Nut Co., 755 Rebecca, Allegheny, Pa.
Greenlie, Wyatt & Co., 499 Water, N. Y.
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Hager, C. & Sons Hings Mfg. Co., 2427 De Kalb, St. Louis, Mo.
Hall's, Sam'l Sons, 229 W 10th, New York
Haskell, Wm. H. Mfg. Co., Pawtucket, R. I.
Hoopes & Townsend Co., 1330 Buttonwood, Philadelphia, Pa.
Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Humphrey, H. W., Unionville, Conn.
Judson Mfg. Co., San Francisco, Cal.
Kansas City Bolt & Nut Co., Kansas City, Mo.
Lake Erie Iron Co., 155 St. Clair, Cleveland, O.
Lamson & Sessions Co. (Plate, etc.), Cleveland, O.
Lanman, E. B. Co. (Wrought Iron), Columbus, Ohio
Lanz, Mathew & Sons (Square & Round), 101 S 29th, Pittsburg, Pa.
McKeel, Geo. A. & Co. (Steel), Jackson, Mich.
McKinney Mfg. Co. (Steel), Allegheny, Pa.
Mason Multiple Plate Washer Co. (Flat Plate), Real Est. Trust bldg, Phila., Pa.
Meyer & Co., Auburn, N. Y.
Michigan Bolt & Nut Works, Detroit, Mich.
Milton Mfg. Co., Milton, Pa.
Moore, Franklin Co., Winsted, Conn.
Moran Bolt & Nut Mfg. Co., St. Louis, Mo.
Mt. Carmel Bolt Co., Mt. Carmel, Conn.
NATIONAL SUPPLY CO., 7 W Lom- bard, Baltimore, Md. (See adv. index, end of book)
Neely Nut & Bolt Co., S 22d & P. & L. R. R., Pittsburg, Pa.
New Castle Forge & Bolt Co. ("Wrought"), New Castle, Pa.
New England Bolt & Nut Co., 253 Atlantic av, Boston, Mass.
Nicetown Plate Washer Co. (Round or Square), 1822 Juniata, Nicetown, Phila., Pa.
Old Dominion Iron & Nail Works Co., Richmond, Va.
Oliver Iron & Steel Co., Pittsburg, Pa.
Pawtucket Mfg. Co., Pawtucket, R. I.
Payne's Bolt Works (Wrought), San Francisco, Cal.
Penn Iron Co. (Car, etc.), Lancaster, Pa.
Pittsburg Mfg. Co. (Iron), 28th & Railroad, Pittsburg, Pa.
Pittsburg Screw & Bolt Co., Liberty av & 25th, Pittsburg, Pa.
Plymouth Mills (Small), Plymouth, Mass.
Reed & Prince Mfg. Co., Worcester, Mass.
Republic Iron & Steel Co., General Offices: 1st Nat'l Bank bldg, Chicago. Sales Offices: 64 B'way, New York; Buffalo, N. Y.; Cleveland, O.; St. Louis, Mo.; Cincinnati, O.; Birmingham, Ala.; Pittsburg, Pa., & St. Paul, Minn.

Reynolds & Co., New Haven, Conn.
Rhode Island Tool Co., Providence, R. I.
Richards, T. C. Hdw. Co., Winsted, Conn.
Rockford Bolt Works, Rockford, Ill.
Russell, Burdsall & Ward Bolt & Nut Co., Portchester, N. Y.
Scranton Bolt & Nut Co., Scranton, Pa., & 25 Broad, New York
Smith, Thos. & Co., Worcester, Mass.
Solid Steel Tool & Forge Co., Farmers' Bank bldg, Pittsburg, Pa.
STANLEY WORKS (Wrought Steel), New Britain, Conn., & 79 Chambers, New York. (See adv. index, end of book)
Stover Mfg. Co., Freeport, Ill.
Taunton Rivet Co. (Steel), Taunton, Mass.
Union Nut & Bolt Co. (Wrought Iron), Unionville, Conn.
Upson Nut Co., Unionville, Conn., & Cleveland, Ohio
Wheeling Hinge Co., Wheling, W. Va.
Whitman, C. B. & C. A., Detroit, Mich.
Wilcox, Crittenden & Co., Middletown, Conn.
Wilmington Malleable Iron Co. (Malleable Iron), Wilmington, Del.
Wrought Washer Mfg. Co. (Wrought & Steel Plate of all Kinds), Milwaukee, Wis.

Washers (Lead)

Littleford Bros., 453 E Pearl, Cincinnati, O.
Selby Smelting & Lead Co., San Francisco, Cal.
Tatham Bros., 224 S 5th, Phila., Pa., & 82 Beekman, N. Y.

Washers (Leather)

Bell, Andrew ("Boss"), 371 Market, Newark, N. J.
Chicago Rawhide Mfg. Co., "Rawhide," 75 E Ohio, Chicago, Ill., & 139 Congress, Boston, Mass.
Climax Specialty Co., Seneca Falls, N. Y.
Darling Pump & Mfg. Co., Williamsport, Pa.
Detroit Leather Specialty Co., 271 Beecher av, Detroit, Mich.
Glauber, M. & Co., 317 E 58th, New York
Glauber, Samueel S., 1395 3d av, New York
Goodsell Packing Co. ("New Century"), 33 S Canal, Chicago, Ill.
Houghton, E. F. & Co., "Vim," 240 W Somerset, Phila., Pa.
Jenkins Bros., 71 John, N. Y.
Judd & Leland Mfg. Co., Clifton Springs, N. Y.
Kendrick Valve & Washer Co., Syracuse, N. Y.
Leather & Brass Mfg. Co., Auburn, N. Y.
Marston, I. G. & Co., 226 Ruggles, Boston, Mass.
Mitchell, E. J. & Co., 327 Van Buren, Brooklyn, N. Y.
New Process Raw Hide Co., Syracuse, N. Y.
New York Washer Works, 78 Barrow, N. Y.
Ogden, C. S. & Co., 674 E 159th & 52 Ferry, New York
Page Belting Co., Concord, N. H.
Raymond Mfg. Co., Corry, Pa.
Sherman, H. B. Mfg. Co., Battle Creek, Mich.
Sovereign, G. E., Rockford. Ill.
United States Whip Co., Westfield, Mass.
Whittleset, H. E.. & Sons, Corry, Pa.

Washers (Lock)

National Washer Lock Co., 65 Johnson, Newark, N. J.

Washers (Name Plate)

Wolverine Brass Works, Grand Rapids, Mich.

Washers (Nickel Plated)

Springfield Machine Screw Co., Springfield, Mass.

Washers (Phosphor Bronze

Phosphor Bronze Smelting Co., 2200 Wash'n. av, Phila., Pa.

Washers (Plumbers')

Gaynor & Mitchell Mfg. Co., Bridgeport, Conn.
Hall, E. D., 42 S 16th, Phila., Pa.
Ohio Pump & Brass Co. (Nickel, Slab, Closet, etc.), 18th & Oak, Columbus, O.
Plume & Atwood Mfg. Co. (Brass, etc.), Waterbury, Conn., New York, & Chicago, Ill.
Wolverine Brass Works (Nickel Plated), Grand Rapids, Mich.

Washers (Rubber)

Boston Belting Co., 256 Devonshire, Boston, Mass.; 100 Reade, New York
Boston Woven Hose & Rubber Co., Executive Office & Factory, Cambridgeport, Mass. Stores: 116 Duane, New York; 185 Lake, Chicago, Ill.; Cleveland, O.; San Francisco, Cal., & Boston, Mass.
Canfield, H. O., Bridgeport, Conn.
Consolidated Rubber Co., Trenton, N. J.
Continental Rubber Works, Erie, Pa.
Crescent Belting & Packing Co., Trenton, N. J.
Empire Rubber Mfg. Co., Trenton, N. J., & 60 Reade, New York
Goodrich, B. F. Co., Akron, O.
Goodyear Rubber Co., 787 B'way, New York, & 107 Lake, Chicago, Ill.
Gutta Percha Rubber & Mfg. Co., 126 Duane, New York; 96 Lake, Chicago; 71 Pearl, Boston, Mass., & 26 Fremont, San Francisco, Cal.
Hamilton Rubber Co., Trenton, N. J., & 17 La Salle, Chicago, Ill., & 80 Reade, N. Y.
Hartford Rubber Works Co., Hartford, Conn., & 136 Lake, Chicago, Ill.
Home Rubber Co., Trenton, N. J.; 80 Reade, N. Y., & Chicago, Ill.
International Automobile & Vehicle Tire Co., Milltown, N. J.; 346 B'way, N. Y., & 435 Wabash av, Chicago
Manhattan Rubber Mfg. Co., 126 Duane, New York, & 96 Lake, Chicago, Ill.
Mechanical Rubber Co., 253 B'way, New York; 230 Randolph, Chicago, & Cleveland, O.
Morgan & Wright, 19 N May, Chicago, Ill.
N. J. Car Spring & Rubber Co., Jersey City, N.J.
New York Belting & Packing Co. (Ltd.), 91 Chambers, New York
Republic Rubber Co., Youngstown, O.
Revere Rubber Co., 77 Bedford, Boston, Mass.; Philadelphia, Pa.; Chicago, Ill.; 59 Reade, New York, & San Francisco, Cal.
Stokes, Jos. Rubber Co., Trenton, N. J.
Trenton Rubber Mfg. Co., Trenton, N. J.
United & Globe Rubber Mfg. Co., Trenton, N. J.
Voorhees Rubber Mfg. Co., 18 Bostwick av, Jersey City, N. J.
Whitehead Bros. Rubber Co., Trenton, N. J.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)

Washers (Street & Hydrant)

Connelly Specialty Works, 1701 Atlantic av, Brooklyn, N. Y.
Murdock, J. G. & Co., 428 Plum, Cincinnati, O.
Pleuger & Henger Mfg. Co., 11th & Hebert, St. Louis. Mo.
Rumsey & Co., Ltd. (Inc.), Seneca Falls, N. Y.

Washers (Tin)

Humphreys, H. W. (Carpet, etc.), Unionville, Conn.

Washers (Wire)

American Wire Washer Co., Hartford, Conn.
Raymond Mfg. Co., Corry, Pa.

Washers & Burrs (Brass & Copper)

(See Washers, Brass & Copper.)

Washing Machines

(See Washing Machines in Machinery.)

Washstands (Car)

Adams & Westlake Co., Ontario c N Franklin, Chicago, Ill.; 2042 N 10th, Phila., Pa., & 26 Cortlandt, N. Y.

Waste Cleaning Machines

Turner, M. A., 2777 N Lincoln, Chicago, Ill.

Waste Heat Utilizers

(See Fuel Economizers.)

Waste & Overflows (Bath)

A. D. Mfg. Co. ("Romeyn" Connected), Detroit, Mich.
Edwardsville Brass Co., Edwardsville, Ill.
Milwaukee Brass Mfg. Co., 241 Lapham, Milwaukee, Wis.
Ohio Brass & Iron Mfg. Co., Cleveland, O.
Ohio Pump & Brass Co., 18th & Oak, Columbus, O.
Wolverine Brass Works, Grand Rapids, Mich.

Watchman's Time Detectors

(See Clocks, Watchman's.)
(Also Time Recorders.)

Water Closet Clamps

(See Clamps, Water Closet.)

Water Closet Mfrs.

(See also Water Closet Trade Names.)

Adee, Fred. & Co., 44 Cliff, N. Y.
Aird-Don Co., 411 River, Troy, N. Y.
Bailey-Farrell Mfg. Co., 3d & Ross, Pittsburg, Pa.
Blessing, C. A., 515 Montgomery av, Phila, Pa.
Clow, Jas. B. & Sons, 344F ranklin, Chicago, Ill.
Columbus Brass Co., Columbus, O.
Colwell Lead Co., 63 Centre, N. Y.
Connelly Specialty Works (Non-Freezing, Outdoor), 1071 Atlantic av, Brooklyn, N. Y.
Cooper, W. S. Brass Works, Phila.. Pa.
Courtney & Johnson, 238 2d av, S Minneapolis, Minn.
Crane-Hawley Co., Court c Sycamore, Cincinnati, O.
Dalton-Ingersoll Co., 164 High, Boston, Mass.
Dececo Co., 146 High, Boston, Mass.
Dimock & Fink Co., 220 E 125th, N. Y.
Douglas, John Co., 906 Poplar, Cincinnati, O.
Du Bois, F. N. & Co., 245 9th av, N. Y.
Fisher, E. W. Co., 521 Superior, Cleveland, O.
Fleck Bros., 44 N 5th, Phila., Pa.
Fort Pitt Supply Co., 328 2d av, Pittsburg, Pa.
Froelish Bros., 142 N 7th, Phila., Pa.
Gibson, Thos. Co., 633 Walnut, Cincinnati, O.
Haas, Philp, Dayton, O.
Haines, Jones & Cadbury Co., 1136 Ridge av, Phila., Pa.
Hamilton, Jno. H., 22 Laf av, Detroit, Mich.
Heap, Wm. (Dry Earth), Muskegon, Mich.
Hercules Iron & Supply Co., 427 Commercial, Boston, Mass., & Anniston, Ala.
Hoffman, Chas., Jr., 242 Water, New York
Holbrook Merrill & Stetson (Combinations), 221 Market, San Francisco, Cal.
Huber, Henry Co., 244 5th av, N. Y.
Hussey, Wm. H. & Son, 150 W 35th, N. Y.
Hyde, Clinton, Albany, N. Y.
Illinois Malleable Iron Co., 30 W Monroe, Chicago, Ill.
Jersey City Supply Co., 12 Mercer, Jersey City, N. J.
Kelly, Thos. & Bros. (Self-Acting), W Congress & S 46th av, Chicago, Ill.
Kenney Mfg. Co. (Water Column), 36 E. 22d, N. Y.
Knott-Van Arnam Mfg. Co., Ft. Wayne, Ind.
Kohler, J. M. Sons Co. (Enameled Iron), Sheboygan, Wis.

Lipp, Louis Co., Mitchell av & B. & O. S. W. R. R., Cincinnati, O., & 120 High, Boston, Mass.
McCambridge & Co., 527 Cherry, Phila., Pa.
McDonald, A. Y. Co., 111 Lake, Chicago, Ill.
McShane, Henry Mfg. Co., 441 North, Baltimore, Md.
Mayor, Lane & Co., 128 White, N. Y.
Meyer-Sniffen Co. (Ltd.), 5 E 19th, N. Y.
Millar, Chas. & Son Co., Utica, N. Y.
Mott, J. L. Iron Works, 88 Beekman, N. Y.
Mowry & Phillips, 197 High, Boston, Mass.
Nelson, N. O. Mfg. Co., 424 N 8th, St. Louis, Mo.
Newell-Booth Co., Broad & Buttonwood, Phila., Pa.
Nunn Brass Works, 17 Wentworth, Rochester, N. Y.
O. K. Mfg. Co., Ann Arbor, Mich.
Owen & Salter, 452 N 12th, Phila., Pa.
Park & McKay Co., 55 Bagley av. Detroit, Mich.
Peck Bros. & Co. (Combinations), 127 Chestnut, New Haven, Conn.; 27 W 42d, N. Y., & 155 High, Boston, Mass.
Pfau Mfg. Co., 536 Reading rd, Cincinnati, O.
Pittsburg Brass Mfg. Co., Penn. av & 32d, Pittsburg, Pa.
Pittsburg Supply Co., 226 1st av, Pittsburg, Pa.
Reynolds, M. Plumbers' Supply Co., 25 Centre, N. Y.
Robertson, Jas. Mfg. Co., 30 Hanover, Baltimore, Md.
Ronalds & Johnson Co., 51 Boerum pl, Brooklyn, N. Y.; 54 Cliff, N. Y., & 139 N. 7th, Phila., Pa.
Rumsey, L. M. Mfg. Co., 806 N Main, St. Louis, Mo.
Rundle-Spence Mfg. Co., Milwaukee, Wis.
Sanitary Mfg. Co., Hamilton, O.
Sanitas Mfg. Co., 48 Union, Boston, Mass.
Smith & Anthony Co., 48 Union, Boston, Mass.
Smith's, Benjamin C. Son, 316 Pearl, N. Y.
Speakman Supply & Pipe Co., 113 Market, Wilmington, Del.
Standard Sanitary Mfg. Co., Arrott bldg, Pittsburg, Pa.
Standard Sanitary Mfg. Co. of Michigan, 942 Champlain, Detroit, Mich.
Sumner & Goodwin Co., 287 Congress, Boston, Mass.
Tillinghast, L. H. Supply Co., Providence, R. I.
Vannevar, Edmund B. & Co. (Yacht), 58 Fulton, Boston, Mass.
Walker, Jas. & Son, Detroit, Mich.
Walls & Pearsall, 11th & Hamilton, Phila., Pa.
Wolff, L. Mfg. Co., 117 W Lake, Chicago, Ill.; 1533 Blake, Denver, Colo.
Zero Valve & Brass Mfg. Co., 296 Seneca, Buffalo, N. Y.

Water Closet Plunger & Waste Pipe Cleaner

Anson & Pratt, Hastings, Neb.
Young, Joseph H., 80 High, Boston, Mass.

Water Closet Pulls

(See Pulls, Closet.)

Water Closet Range

(See also Water Closets, School.)

American Warming & Ventilating Co., 435 Wabash av, Chicago, Ill.
Clow, Jas. B. & Sons (Syphon Jet), 344 Franklin, Chicago
Haines, Jones & Cadbury Co. ("Syphon," "Eduction," "Brighton"), Open Range and Washout), 1136 Ridge av, Phila., Pa.
Illinois Malleable Iron Co., 30 W Monroe, Chicago, Ill.
Lewis & Kitchen, 901 B'way, Kansas City, Mo.
Mott, J. L. Iron Works, 88 Beekman, New York; 311 Wabash av, Chicago, Ill., & 332 Boylesston, Boston, Mass.
Nelson, N. O. Mfg. Co. (Pneumatic Syphon Hopper Latrines), 424 N 8th, St. Louis, Mo.
Standard Sanitary Mfg. Co. (Automatic Syphon Jet), Arrott bldg, Pittsburg, Pa.

Water Closet Seats & Tanks

(See Plumbers' Woodwork.)

Water Closet Trade Names

Under this head may be found a list of the trade names of Water Closets manufactured in the United States.

This list is arranged according to name, number and kind, and gives name and address of the manufacturer.

A

"A. D."—Embossed double trapped syphon—Fred Adee & Co., New York
"A1"—Plunger—Henry McShane Mfg. Co., Baltimore, Md.
"ACME"—Clapper cistern—J. L. Mott Iron Works, New York
"ACME"—Embossed syphon jet—Jas. Robertson Mfg. Co., Baltimore, Md.
"ACME"—Hopper valve—Standard Mfg. Co., Allegheny, Pa.
"ACME"—Embossed, hopper and trap combined—Egyptian Pottery Co., Trenton, N. J.
"ACME"—Syphon Jet—Louis Lipp Co., Cincinnati, O.
"ACME"—Syphon Jet—Western Supply Co., St. Paul, Minn.
"ACORN"—Front outlet, washout pedestal—Thomas Maddock & Sons, Trenton, N. J.
"ADAMS"—Embossed square top, front outlet washout, pedestal—Summer & Goodwin, Boston, Mass.
"ADELPHI"—Embossed front outlet washout—Meyer-Sniffin Co., New York
"ADIRONDACK"—Syphon & Washdown—Aird-Don Co., Troy, N. Y.
"ADMIRAL"—Low Tank Syphon Jet—Bailey-Farrell Mfg. Co., Pittsburg, Pa.
"ADIMIRAL"—Syphon jet—Henry Huber Co., New York
'ADONIS NO. 2"—Embossed pedestal, front outlet washout—Empire Pottery, Trenton, N. J.
ADRIATIC NO. 2"—Back outlet washout—Thomas Maddock & Sons, Trenton, N. J.
"ADVANCE"—Plunger—Columbus Brass Co., Columbus, O.
"AERIAL"—Special car with watrous aquameter—Federal Co., Chicago, Ill.
"AJAX"—Syphon jet—J. L. Mott Iron Works, New York
"AJAX"—Washdown—Henry Huber Co., New York
"ALAMEDA"—Front outlet washout offset—Holbrook, Merrill & Stetson, San Francisco, Cal.
"ALASKA"—Front outlet washout—L. M. Rumsey Mfg. Co., St. Louis, Mo.
"ALASKIAN"—Washout-Webb, F. W. Mfg. Co., Boston, Mass.
"ALBANY"—Washout—Ronalds & Johnson, New York
"ALBANY"—Plain, hopper & trap combined—Hoy & Co., Albany, N. Y.
"ALBERTA"—Combine hopper & trap plain—James Walker & Son, Detroit, Mich.
"ALBIA"—Standard Sanitary Mfg. Co., Detroit, Mich.
"ALBO"—Detachable seat & cover—Haines, Jones & Cadbury Co., Philadelphia, Pa.
"ALGER"—Standard Sanitary Mfg. Co., Detroit, Mich.
"ALGONA"—Combined hopper & trap, embossed—James Walker & Son, Detroit, Mich.
"ALLEGHENY"—Short hopper and trap combined—Pittsburg Supply Co., Pittsburg, Pa
"ALL RIGHT"—Pan closet—W. S. Cooper Brass Works, Philadelphia, Pa.
"ALLSTON"—Washdown—W. H. Gallison Co., Boston, Mass.
"ALMA"—Special house with watrous aquameter—Federal Co., Chicago, Ill.
"ALPHA"—Back outlet washout—Henry McShane Mfg. Co., Baltimore, Md
"ALPHA"—Syphon jet—Henry Huber Co., New York
"ALTON"—Syphon jet with watrous aquameter—Federal Co., Chicago, Ill.
"ALVAN"—Washdown Syphon, High or Low Tank—Hoy & Co., Albany, N. Y.
"ALVEUS"—Syphon jet, with metal connection to porcelain below water line—Wm. S Cooper Brass Works, Phila., Pa
"AMAZON"—Back outlet washout with iron trap—L. Wolff Mfg. Co., Chicago, Ill.
"AMAZON"—Embossed pedestal closet—C. A. Blessing, Phila., Pa.
"AMAZON"—Hopper—Columbus Brass Co., Columbus, Ohio
"AMAZON"—Syphon Jet—Louis Lipp Co., Cincinnati, O.
'AMAZON"—Washout with circular tank—Connolly Specialty Works, Brooklyn, N. Y.
"AMELIA"—Combination, syphon jet—Louis Lipp Co., Cincinnati, O.
'AMERICA"—Embossed, front outlet washout—Henry McShane Mfg. Co., Baltimore, Md.
"AMERICAN DEFIANCE"—Bowl—Henry Huber Co., New York
"AMITYVILLE"—Syphon jet—F. N. Du Bois & Co., New York
'AMPHITRITE"—Porcelain, square top, flushing rim hopper, porcelain trap—Haines, Jones & Cadbury Co., Philadelphia, Pa.
'ANCHOR"—Plunger—L. Wolff Mfg. Co., Chicago, Ill.
"ANGLO"—Syphon jet with watrous aquameter—Federal Co., Chicago, Ill.
'ANN ARBOR"—Low down syphon—Schneider Closet & Heater Co., Ann Arbor, Mich.
'APACHE"—Front outlet washout, pedestal, No. 23—Thomas Maddock & Sons, Trenton, N. J.
'APARTMENT"—Syphon jet washdown, washout—Federal Co., Chicago, Ill.
"APEX"—Syphon jet—F. N. Du Bois & Co., New York
'APEX"—Syphonic action, low-down—Louis Lipp Co., Cincinnati, O.
'AQUATIA"—Back outlet washout—L. Wolff Mfg. Co., Chicago, Ill.
"ARDEN"—Washdown—M. Rumesy Mfg. Co., St. Louis, Mo.
'ARGO"—Syphon jet—E. W. Fisher Co., Cleveland, O.
"ARGOS"—Syphon jet with watrous aquameter seat action—Federal Co., Chicago, Ill.
"ARGUS"—Twin jet syphon—Peck Bros. Co., New Haven, Conn.
'ARIDA"—Back outlet washout—Henry C. Weeden, Boston, Mass.
'ARIEL"—Embossed pedestal—L. M. Rumsey Mfg. Co., St. Louis, Mo.
"ARIEL NO. 3"—Front outlet pedestal plain—James Walker & Son, Detroit, Mich.
"ARION"—Embossed pedestal, front outlet washout—Willetts Mfg. Co., Trenton,
"ARION"—Syphon washdown with watrous aquameter—Federal Co., Chicago, Ill.
"ARIZONA"—Embossed pedestal—Bailey-Farrell Mfg. Co., Pittsburg, Pa.
"ARIZONA"—Thomas Maddock & Sons, Trenton, N. J.
"ARLINGTON"—Front outlet washout—Pittsburg Supply Co., Pittsburg, Pa.
"ARLINGTON"—Plain or embossed porcelain, square hopper and trap combined; also the improved pattern with seat attachment—Summer & Goodwin, Boston, Mass.
"ARMADA"—Washout—Henry Huber Co., New York
"ARNO"—Embossed syphon jet—Dixon & Ballou, Buffalo, N. Y.
'ARNO"—Embossed and plain syphon jet—Willets Mfg. Co., Trenton, N. J.
"ARROW VENTILATING"—Jet Washdown—Louis Lipp Co., Cincinnati, O.
"ASHLAND"—F. wo. with watrous aquameter—Federal Co., Chicago, Ill.
'ATHENA"—Washdown—L. M. Rumsey Mfg. Co., St. Louis, Mo.
'ATLANTA"—Back outlet washout—Henry McShane Mfg. Co., Baltimore, Md.
"ATLANTA"—Earthen w. d. ex. hy. with watrous aquameter prison—Federal Co., Chicago, Ill.
"ATLANTIC"—J. L. Mott Iron Works, New York
"ATLANTIC"—Ship closet, single valve—McCambridge & Co., Phila., Pa.
"ATLANTIS"—Square to top pedestal hopper and trap—Fleck Bros., Philadelphia, Pa.
"ATLAS"—Enamelled iron syphon jet—N. O. Nelson Mfg. Co., St. Louis, Mo.
"ATLAS"—Washdown—Crane-Hawley Co., Cincinnati, O.
"ATLAS"—Washdown—Peck Bros. & Co., New Haven, Conn.
'ATLAS"—Washdown—Webb, F. W. Mfg. Co., Boston, Mass.
"AUBURN"—Enam. iron syphon jet with watrous aquameter prison closet—Federal Co., Chicago, Ill.
"AUBURN"—Syphon Jet—Louis Lipp Co., Cincinnati, O.
"AUDITORIUM"—Back washout—J. L. Mott Iron Works, New York
'AURORA"—Washdown—L. M. Rumsey Mfg. Co., St. Louis, Mo.
"AUTO"—Syphon jet with watrous aquameter—Federal Co., Chicago, Ill.
"AUTO-MARINE"—Madden's patent, automatic washdown—J. B. Clow & Sons, Chicago, Ill.

"AUTOMATIC"—Embossed and plain, syphon jet and washdown low down—Park & McKay Co., Detroit, Mich.
"AUVEALE"—Ahrens & Ott Mfg. Co., Louisville, Ky.
"AVALANCHE"—Washout—Henry Huber Co., New York
"AVALON NO. 3"—Front outlet pedestal embossed—James Walker & Son, Detroit, Mich.
"AVON"—Short hopper—Dececo Co., Boston, Mass.
"AVON"—Back outlet washout—Jas. Robertson Mfg. Co., Baltimore, Md.
"AVON"—Lowdown combination washout—Louis Lipp Co., Cincinnati, O.

B

"B. O. & F. O."—Washout square, long hopper syphon jet, hopper & trap combined—Henry Huber Co., New York
"BADGER"—Front outlet washout—Rundel-Spence Mfg. Co., Milwaukee, Wis.
"BANNER"—Buick & Sherwood Mfg. Co., Detroit, Mich.
"BANNER"—Standard Sanitary Mfg. Co., Detroit, Mich.
"BATAVIA"—Standard Sanitary Mfg. Co., Detroit, Mich.
"BAYOU"—Syphon action hopper—Haines, Jones & Cadbury Co., Phila., Pa.
"BEAUTY"—Front outlet, washout pedestal, No. 3—Emplre Pottery, Trenton, N. J.
"BEAUTY"—Washout—G. & A. Bargamin, Richmond, Va.
"BEAVERWYCK"—Short hopper and trap—Hoy & Co., Albany, N. Y.
"BEEKMAN"—Syphon jet—J. L. Mott Iron Works, New York
"BELL"—Plain and embossed syphon jet—Newell-Booth Co., Phila., Pa.
"BELMAR"—Oval washbowl—McCambridge & Co., Phila., Pa.
"BELMAR NO. 2"—Embossed pedestal, square back, front washout—Empire Pottery, Trenton, N. J.
"BELMONT"—Syphon jet—Dececo Co., Boston,
"BENGAL"—Washdown—Dalton-Ingersoll Co., Boston, Mass.
"BENTON"—Front outlet washout—N. O. Nelson Mfg. Co., St. Louis, Mo.
"BERKLEY NO. 2"—Embossed oval, outlet washout, pedestal—Summer & Goodwin, Boston, Mass.
"BERKSHIRE" — Pedestal, washout — Louls Lipp Co., Cincinnati, O.
"BERWICK"—Washdown—J. L. Mott Iron Works, New York
"BERWYN"—Ped. f. w. o.—Federal Co., Chicago, Ill.
"BLESSING'S"—Sanitary plunger, also earth, sand being used instead of water, also washdown—Phila., Pa.
"BOB"—Square, short hopper and trap combined—Jersey City Supply Co., Jersey, City, N. J.
"BOCA"—Syphon action—Speakman Supply & Pipe Co., Wilmington, Del.
"BOLERO"—Ahrens & Ott Mfg. Co., Louisvllle, Ky.
"BONITA"—Syphon—L. M. Rumsey Mfg. Co., St. Louis, Mo.
"BOSTON"—Syphon Jet—Louis Lipp Co., Cincinnati, O.
"BOSTONIA"—Washdown—Henry Huber Co., New York
"BOUQUET"—Crescent Pottery Co., Trenton, N. J.
"BRIGHTON"—Combination, pedestal washout—Louis Lipp Co., Cincinnati, O.
"BRIGHTON"—Improved pedestal, back outlet washout—Meyer-Sniffen Co., New York
"BROADWAY"—Syphon jet—Henry Huber Co., New York
"BRONX"—Washout—J. L. Mott Iron Works, New York
"BROOKLYN"—Back outlet washout—M. Reynolds Plumbers' Supply Co., New York
"BRUNSWICK"—Back outlet washout—Henry McShane Mfg. Co., Baltimore, Md.
"BRUNSWICK"—Washout—Webb, F. W. Mfg. Co., Boston, Mass.
"BRUNSWICK"—Back outlet washout—Summer & Goodwin Co., Boston, Mass.
"BUCKEYE"—Embossed syphon jet—Columbus Brass Co., Columbus, O.
"BUENA"—Madden's patent, syphon jet, plain and embossed—J. B. Clow & Sons, Chicago, Ill.
"BUFFALO"—Embossed porcelain, front outlet, Haines, Jones & Cadbury, Phila., Pa.
"BURMAH"—Washdown—Dalton-Ingersoll Co., Boston, Mass.
"BURSLEM"—L. Wolff Mfg. Co., Chicago, Ill.

C

"CABINET"—Embossed, square top, front outlet washout—W. S. Cooper Brass Works, Phlla., Pa.
"CAIRNGORM"—Syphon jet—Speakman Supply & Pipe Co., Wilmington, Del.
"CAIRO"—Syphonic Washdown for High Tank—Webb, F. W. Mfg. Co., Boston, Mass.
"CALUMET"—Syphon jet—Henry Huber Co., New York
"CALUMET"—Front outlet washdown, without vent—Rundel-Spence Mfg. Co., Milwaukee, Wis
"CALYPSO" NO. 3—Front outlet washout, embossed—James Walker & Son, 43 Jefferson av, Detroit, Mich.
"CAMEO"—Embossed, pedestal—Bailey-Farrell Mfg. Co., Pittsburg, Pa.
"CANORA"—Standard Sanitary Mfg. Co., Detroit, Mich.
"CAPITAL"—Embossed, syphon jet—Fred. Adee & Co., New York
"CAPITAL"—Syphon jet combination—Somerville, Thos. & Sons, Washington, D. C.
"CAPITOL"—Plain, front outlet washout—Hoy & Co., Albany, N. Y.
"CAPITOL"—Syphon jet—Pittsburg Supply Co., Pittsburg, Pa.
"CAPITOL"—Washout—Columbus Brass Co., Columbus, O.
"CAPITOL CITY"—Holbrook, Merrill & Stetson, San Francisco, Cal.
"CARDWIN"—Oliphant & Co., Trenton, N. J.
"CARLISLE"—Vitreous china, pedestal, washout—Thos. Gibson Co., Cincinnati, O.
"CASCADE"—Pneumatic—Henry Huber Co., New York
"CASCO"—Syphon jet—Callahan Supply Co., Worcester, Mass.
"CATARACT"—Short hopper and trap—Robt. Rom Co., Milwaukee, Wis.
"CATARACT"—W. C. Slop hopper and urinal combined—Thomas Maddock & Sons, Trenton, N. J.
"CATARACT"—Square top hopper—W. S. Cooper Brass Works, Phila., Pa.
"CAVITE"—Syphon jet, low down tank—Federal Co., Chicago, Ill.
"CA-YU-GA"—Syphon Jet—Chas. Millar & Son Co., Utica, N. Y.
"CELIRITO"—Hopper—J. L. Iron Works, New York
"CELO"—Lowdown combination—Henry McShane Mfg. Co., Baltimore, Md
"CELO"—Syphonic Washdown for Low Tanks—Webb, F. W. Mfg. Co., Boston, Mass.
"CELTIC"—Madden's patent, automatic syphon jet—J. B. Clow & Sons, Chicago, Ill.
"CENTENNIAL"—Pan closet—Stambach & Love, Phila., Pa.
"CENTURY"—John Douglas Co., Cincinnati, O.
"CENTURY"—Combination Syphon Jet—Louis Lipp Co., Cincinnati, O.
"CENTURY"—Hopper and trap—L. M. Rumsey Mfg. Co., St. Louis, Mo.
"CENTURY XX"—Syphon jet, pedestal—Standard Mfg. Co., Allegheny, Pa.
"CEYLON"—Syphon—Dalton-Ingersoll Co., Boston, Mass.
"CHALLENGE"—Plunger valve—J. L. Mott Iron Works, New York
"CHAMPION"—Washdown syphon—F. N. Du Bois, New York
"CHAMPION"—Earth closet—Pittsburg Supply Co., Pittsburg, Pa.
"CHAMPION"—Hopper and trap—Geo. P. Jacobs & Co., Brooklyn, N. Y.
"CHAMPION" — Lowdown Washdown — Louis Lipp Co., Cincinnati, O.
"CHAMPION"—Short hopper and trap—Hoy & Co., Albany, N. Y.
"CHASWILL"—Combined syphon, hopper and trap—Wm. S. Cooper Brass Works, Phila., Pa.
"CHELSEA"—Washout—Louis Lipp Co., Cincinnati, O.
"CHEROKEE"—Embossed pedestal, front outlet washout, Fig. 148—Thomas Maddock & Sons, Trenton, N. J.
"CHESTER"—Syphon jet—Crane-Hawley Co., Cincinnati, O.
"CHETOPA"—Embossed syphon jet, with overhead tank—Western Brass Mfg. Co., St. Louis, Mo.
"CHICO"—Enameled iron lowdown washdown—Crane & Hawley Co., Cincinnati, O.
"CHIPPEWA"—Square, front outlet, pedestal washout, Fig. 145—Thomas Maddock & Sons, Trenton, N. J.
"CHOCTAW"—Embossed pedestal, front outlet, open top, Fig. 149—Thomas Maddock & Sons, Trenton, N. J.
"CINCINNATI"—Crescent Pottery Co., Trenton, N. J.
"CIRCLE"—Syphon jet—J. B. Clow & Sons, Chicago, Ill.
"CIRCLE"—Washout—J. B. Clow & Sons, Chicago, Ill.
"CLAW-FOOT"—Embossed, front outlet, washout, pedestal—Crescent Pottery Co., Trenton, N. J.
"CLIFF"—Washdown—Ronalds & Johnson Co., New York
"CLIFTON"—Combined hopper and trap—Robt. Rom Co., Milwaukee, Wis.
"CLIFTON"—Flush rim all around hopper—Rundel-Spence Mfg. Co., Milwaukee, Wis.
"CLIMAX"—Clapper cistern—J. L. Mott Iron Works, New York
"CLINTON"—Ironsides Pottery Co., Bordentown, N. J.
"CLIO"—Embossed, front outlet washout—Bailey-Farrell Mfg. Co., Pittsburg, Pa.
"CLIO NO. 2"—Embossed pedestal, front outlet washout—Newell-Booth Co., Phila., Pa.
"CLYDE"—Front outlet washout—Jas. Robertson Mfg. Co., Baltimore, Md.
"CLYDE"—Front outlet washout—Columbus Brass Co., Columbus, O.
"CLYDE"—Oval flush rim hopper—Rundel-Spence Mfg. Co., Milwaukee, Wis.
"CLYDE NO. 3"—Embossed pedestal, front washout—Empire Pottery, Trenton, N. J.
"CLYDESDALE"—John Douglas Co., Cincinnati, O.
"CLYSMIC"—Pneumatic—Henry Huber Co., New York
"COLONADE"—Ironsides Pottery Co., Bordentown, N. J.
"COLONIAL"—Syphon jet—W. H. Gallison, Boston, Mass.
"COLONIAL"—Syphon jet—L. M. Rumsey Mfg. Co., St. Louis, Mo.
"COLORADO"—Embossed, back outlet washout—Thomas Maddock & Sons, Trenton,
"COLUMBIA"—Combination pedestal washout—Louis Lipp Co., Cincinnati, O.
"COLUMBIA"—Embossed front outlet washout—Henry McShane Mfg. Co., Balto., Md.
"COLUMBIA"—Hopper and trap combined—Somerville, Thos. & Sons, Washington, D. C.
"COLUMBIA"—Ship closet, single valve, porcelain metal—McCambridge & Co., Phila., Pa.
"COLUMBIA"—Syphon jet—Standard Mfg. Co., Pittsburg, Pa.
"COLUMBIA"—Syphon jet—Ahrens & Ott Mfg. Co., Louisville, Ky.
"COLUMBIAN"—Embossed syphon jet—Egyptian Pottery Co., Trenton, N. J.
"COLUMBIAN"—Front outlet washout—Pittsburg Supply Co., Pittsburg, Pa.
"COLUMBIAN"—Lowdown syphon washdown—Louis Lipp Co., Cincinnati, O.
"COMANCHE"—Embossed, square back, front outlet, washout, pedestal. Fig. 147—Thomas Maddock & Sons, Trenton, N. J.
"COMET"—Embossed oval pedestal, hopper and trap combined, back vent—Willetts Mfg. Co., Trenton, N. J.
"COMET"—Syphon action hopper—G. & A. Bargamin, Richmond, Va.
"COMFORT"—Flushing rim hopper—G. & A. Bargamin, Richmond, Va.
"COMMONWEALTH"—Twin jet Syphon with metal legs—Webb, F. W. Mfg. Co., Boston, Mass.
"COMO"—Front outlet washout—L. M. Rumsey Mfg. Co., St. Louis, Mo.
"COMO"—Pedestal—L. M. Rumsey Mfg. Co., St. Louis, Mo.
"COMO"—Syphon jet—Henry Huber Co., New York
"COMPACT"—Pan closet—Standard Mfg. Co., Allegheny, Pa.
"COMPACTO"—Syphon washdown—J. L. Mott Iron Works, New York
"CONGO"—Back outlet washout—L. M. Rumsey Mfg. Co., St. Louis, Mo.
"CONSORT"—Round top flushing rim hopper—W. S. Cooper Brass Wks., Phila., Pa.
"CORNWELTON"—Syphon jet—Henry Huber Co., New York
"CORONA"—Combination syphon jet—Louis Lipp Co., Cincinnati, O.
"CORONA"—Front Washout—Newell, Booth Co., Phila., Pa.

"CORPORAL"—Oval short hopper and strap combined with jet attachment—Jersey City Supply Co., Jersey City, N. J.
"CORRECT"—Willetts Mfg. Co., Trenton, N. J.
"CORSAIR"—Front outlet washout—Fred. Adee & Co., New York
"COTTAGE"—Standard Sanitary Mfg. Co., Detroit, Mich.
"COZY"—Oval flushing rim hopper and trap—W. S. Cooper Brass Works, Phila., Pa.
"CRANE NO. 2"—Embossed pedestal, front outlet washout—Willetts Mfg. Co., Trenton, N. J.
"CREMORNE"—Ahrens & Ott Mfg. Co., Louisville, Ky.
"CREOLE"—Chas. Millar & Sons, Utica, N. Y.
"CRESCENT"—Plunger—Henry McShane Mfg. Co., Baltimore, Md.
"CRESCENT"—Syphon—Crescent Pottery Co., Trenton, N. J.
"CRESCENT"—Front outlet washout—Pittsburg Supply Co., Pittsburg, Pa.
"CROTAN"—Lowdown syphon hopper—Fleck Bros. & Co., Phila., Pa.
"CROWN"—Jno. Douglas Co., Cincinnati, O.
"CROWN"—Hopper and trap—W. H. Hussey & Son, New York
"CROWN"—Improved front washout—C. A. Blessing, Phila., Pa.
"CRYSTAL"—Pneumatic—Henry Huber Co., New York
"C. S. C."—Syphon jet—Callahan Supply Co., Worcester, Mass.
"CUMBERLAND"—No. 3 Front washout, open trap—C. A. Blessing, Phila., Pa.
"CUMMINSVILLE" — Combination washout — Louis Lipp Co., Cincinnati, O.
"CYCLO"—Washdown—J. L. Mott Iron Works, New York
"CYCLONE"—Syphon jet—Jos. Budde, San Francisco, Cal.
"CYGNET"—With zenith valve, overhead Cistern, low Cistern, etc.
"CYRENE"—Standard Sanitary Mfg. Co., Detroit, Mich.

D

"DAGON"—Oval top flushing rim hopper—W. S. Cooper Brass Works, Phila., Pa.
"DAISY"—Hopper long—Dimock & Fink, New York
"DAISY"—Embossed, oval top pedestal, hopper & Trap—Fleck Bros., Phila., Pa.
"DAKOTA"—Embossed, front outlet washout, pedestal, open trap—Thomas Maddock & Sons, Trenton, N. J.
"DANUBE"—Combined hopper & trap embossed—James Walker & Son, Detroit, Mich.
"DAUPHIN"—Syphon hopper—C. A. Blessing, Phila., Pa.
"DAWSON"—Embossed syphon jet—Thomas Maddock & Sons, Trenton, N. J., & 51 Cliff, New York
"DECECO"—Colonial—Dececo Co., Boston, Mass.
"DECECO"—Corinthian syphon jet—Dececo Co., Boston, Mass.
"DECECO"—Doric syphon jet—Dececo Co., Boston, Mass.
"DECECO"—Premier—Dececo Co., Boston, Mass.
"DECECO"—Roman washdown syphon—Dececo Co., Boston, Mass.
"DEEP SEAL"—Washdown—L. M. Rumsey Mfg. Co., St. Louis, Mo.
"DEFENDER"—Hughes Patent Self-insulating system jet closet—Newell-Booth Co., Philadelphia, Pa.
"DEFENDER"—Syphon jet—F. N. Du Bois & Co., New York
"DEFENDO"—Syphon jet, pedestal—Standard Sanitary Mfg. Co., Pittsburg, Pa.
"DEFIANCE"—Syphon—Adee, Fred. & Co., New York
"DELAWARE"—Hopper—C. A. Blessing, Philadelphia, Pa.
"DEL-A-WARE"—Lowdown twin Syphon jet—Chas. Millar & Son Co., Utica, N. Y.
"DELMAR"—Washdown syphon—N. O. Nelson Mfg. Co., St. Louis, Mo.
"DELPHI"—Comb hopper & trap—Rundel-Spence Mfg. Co., Milwaukee, Wis.
"DELTA"—Back outlet washout—L. Wolff Mfg. Co., Chicago, Ill.
"DELTA NO. 3"—Front outlet washout, plain—James Walker & Son, Detroit, Mich.
"DELUGE"—Hopper and lipped urinal—Thomas Maddock & Sons, Trenton, N. J.
"DEMAREST'S PRISON CLOSET"—J. L. Mott Iron Works, New York
"DESCENDO"—Washdown, pedestal—J. L. Mott Iron Works, New York
"DETE"—Front washout with seat attachment—Jas. Walker & Son, Detroit, Mich.
"DETROIT"—Sanitary, plunger—Park & McKay Co., Detroit, Mich.
"DEVOE"—Washdown, extra heavy—T. N. Du Bois & Co., New York
"DEVON"—Jet washdown—Louis Lipp Co., Cincinnati, O.
"DEWEY"—Syphon jet, emb. washdown—Federal Co., Chicago, Ill.
"DEXTER"—Lowdown washdown—Louis Lipp Co., Cincinnati, O.
"DEXTER"—Syphon jet—Columbus Brass Co., Columbus, O.
"DIAMOND"—F. N. Du Bois & Co., New York
"DIAMOND"—Hopper—L. Wolff Mfg. Co., Chicago, Ill.
"DIAMOND"—Syphon jet—E. N. Du Bois, New York
"DIAMOND"—Syphon jet for high tank—C. A. Blessing, Phila., Pa.
"DIEPPI"—Hopper & trap—Runde-Spence Mfg. Co., Milwaukee, Wis.
"DIRECTO"—Embossed syphon jet—J. L. Mott Iron Works, New York
"DIXIE"—Ahrens & Ott Mfg. Co., Louisville, Ky.
"DIXIE"—Flushing rim hopper—G. & A. Bargamin, Richmond, Va.
"DOLPHIN"—Embossed porcelain front outlet washout, flushing rim—J. L. Mott Iron Works, New York
"DOLPHIN"—Extra heavy syphon, with flushing valve—McCambridge & Co., Phila., Pa.
"DOLPHIN"—Syphon washdown—J. B. Clow & Sons, Chicago, Ill.
"DONGAN"—Embossed, hopper & trap combined—Hoy & Co., Albany, N. Y.
"DONOR"—L. Wolff Mfg. Co., Chicago, Ill.
"DOWN FLUSH"—Washdown—J. L. Mott Iron Works, New York
"DRESDEN"—Standard Sanitary Mfg. Co., Detroit, Mich.
"DRESDEN"—Sypbon jet—N. O. Nelson Mfg. Co., St. Louis, Mo.
"DRUID"—Syphon action, hopper with jet—Haines, Jones & Cadbury Co., Phila., Pa.
"DUCHESS"—Embossed, pedestal, front outlet wasbout—N. O. Nelson Mfg. Co., St. Louis, Mo.
"DUKE"—Embossed, front outlet washout—N. O. Nelson Mfg. Co., St. Louis, Mo.
"DULCIS RESTO"—Oval top, front outlet washout—W. S. Cooper Brass Works, Phila., Pa.
"DUPLEX"—Double jet syphon—Fred. Adee & Co., New York
"DURO"—L. Wolff Mfg. Co., Cbicago, Ill.

E

"EAGLE"—Ped washout—Henry Huber Co., New York
"ECONOMIC"—Washdown—J. L. Mott Iron Works, New York
"ECONOMIC"—Flush rim bowl—Dimock & Fink, New York
"ECONOMY"—Jno. Douglas Co., Cincinnati, O.
"ECONOMY"—Short hopper—L. Wolff Mfg. Co., Chicago, Ill.
"ECONOMY"—Syphon washdown — Pittsburg Supply Co., Pittsburg, Pa.
"EDEN"—Syphon jet—Louis Lipp Co., Cincinnati, O.
"EJECTOR"—Ahrens & Ott Mfg. Co., Louisville, Ky.
"EJECTOR"—Sypbon jet—Henry McShane Mfg. Co., Baltimore, Md.
"ELBA"—Wasbdown—Henry Huber Co., New York
"EL CAPITAN"—Washdown—L. M. Rumsey Mfg. Co., St. Louis, Mo.
"ELEGANT""—Wasbout—G. & A. Bargamin, Richmond, Va.
"ELGIN"—Sypbon w. d. lowdown tank—Federal Co., Chicago, Ill.
"ELITE"—Enameled iron, syphon action hopper, low tank—Haines, Jones & Cadbury Co., Phila., Pa.
"ELITE"—High Syphon jet—Louis Lipp Co., Cincinnati, O.
"ELITE"—Plain and embossed hyphon jet—Newell-Booth Co., Phila., Pa.
"ELITE"—Sypbon—Newell-Booth Co., Phila., Pa.
"ELITE"—Syphon jet—Pittsburg Supply Co., Pittsburg, Pa.
"ELKTON"—Embossed pedestal front outlet washout—Crescent Pottery Co., Trenton N. J.
"ELM CITY"—Washdown—Peck Bros. & Co., New Haven, Conn.
"EL MENTO"—Oliphant & Co., Trenton, N. J.
"EL PASO"—Embossed, front outlet washout—N. O. Nelson Mfg. Co., St. Louis, Mo.
"ELTOR"—Enameled iron syphon jet, low tank—Haines, Jones & Cadbury Co., Phila., Pa.
"ELYRIA"—Peedestal washout—N. O. Nelson Mfg. Co., St. Louis, Mo.
"EM-ESS"—Parsons' extension for schools, dormitories, etc.—Meyer-Sniffen Co., New York
"EMPEROR"—Back outlet washout—Pittsburg Supply Co., Pittsburg, Pa.
"EMPEROR"—Embossed, syphon jet—Willetts Mfg. Co., Trenton, N. J.
"EMPIRE"—Lowdown, syphon jet—Louis Lipp Co., Cincinnati, O.
"EMPIRE"—Syphon jet—N. O. Nelson Mfg. Co., St. Louis, Mo.
"EMPRESS"—Front outlet washout—Pittsburg Supply Co., Pittsburg, Pa.
"EMPRESS"—Lowdown syphon jet—Louis Lipp Co., Cincinnati, O.
"ENFANTA"—Madden's patent, syphon jet high and low tank—J. B. Clow & Sons, Chicago, Ill.
"ENFANTA"—Washdown—Crane-Hawley Co., Cincinnati, O.
ENTERPRISE"—Embossed. pedestal—Bailey-Farrell Mfg. Co., Pittsburg, Pa.
"EQUALITY"—Syphon jet—Haines, Jones & Cadbury Co., Phila., Pa.
"EQUO"—Enameled iron washout—Haines, Jones & Cadbury, Phila., Pa.
"EROS"—Syphon jet—W. S. Cooper Brass Works, Phila., Pa.
"E-SO-PUS"—Automatic down afterwash twin Syphon jet—Chas. Millar & Son Co., Utica, N. Y.
"ESSEX"—Offset washout, back outlet—Pittsburg Supply Co., Pittsburg, Pa.
"ESTUARY"—Syphon action—hopper with jet—Haines, Jones & Cadbury Co., Phila., Pa.
"ETON"—Enameled iron, washdown—Haines, Jones & Cadbury Co., Phila., Pa.
"EUREKA" — Embossed washdown—Newell-Booth Co., Phila., Pa.
"EVANSTON"—John Douglas Co., Cincinnati, O.
"EVANSTON"—Sy. w. d.—Federal Co., Chicago, Ill.
"EXCELLO"—Sypbon jet, low tank—Haines, Jones & Cadbury Co., Phila., Pa.
"EXCELSIOR"—Hopper and trap—George P. Jacobs & Co., Brooklyn, N. Y.
"EXCELSIOR NO. 2"—Embossed, pedestal, front outlet washout—Willetts Mfg. Co., Trenton, N. J.
"EXETER"—Enameled iron, syphon jet—Haines, Jones & Cadbury Co., Phila., Pa.

F

"F. N. D."—Sypbon jet—F. N. Du Bois & Co., New York
"FACTORY"—Flushing iron hopper—G. & A. Bargamin, Richmond, Va.
"FALLS CITY"—Ahrens & Ott Mfg. Co., Louisville, Ky.
"FAVORITE"—Front outlet washout—Fred. Adee & Co., New York
"FAVORITE"—Lowdown combination washout—Louis Lipp Co., Cincinnati, O.
"FAVORITE"—Washout—Columbus Brass Co., Columbus, O.
"FAVORITE NO. 2"—Embossed, oval front outlet washout—Empire Pottery, Trenton, N. J.
"FEDERAL"—Syphon jet, extra heavy—Haines, Jones & Cadbury Co., Pbila., Pa.
"FERGUSON"—Flushing rim prison closet—Standard Mfg. Co., Allegheny, Pa.
"FERN"—Embossed, back outlet washout—N. O. Nelson Mfg. Co., St. Louis, Mo.
"FERNBANK"—Front outlet pedestal—Crane-Hawley Co., Cincinnati, O.
"FINO"—High tank syphon jet—Fort Pitt Supply Co., Pittsburg, Pa.
"FLOOD"—Hopper, Fig. 81—Tbomas Maddock & Sons, Trenton, N. J.
"FLOREX"—Plain and embossed hopper and trap combined—Newell-Bootb Co., Phila., Pa.
"FLORIDA"—Embossed, pedestal, front outlet washout—Willetts Mfg. Co., Trenton, N. J.
"FLORIDA"—Embossed, open trap, front outlet washout—Willetts Mfg. Co., Trenton, N. J.

"FLORIDA"—Back outlet washout—Ronalds & Johnson Co., New York
"FLUME"—Pneumatic syphon, plain and embossed—Henry Huber Co., New York
"FOREST"—Lowdown, washdown—Louis Lipp Co., Cincinnati, O.
"FORT HILL"—Syphon jet—Peck Bros. & Co., New Haven, Conn.
"FORT ORANGE"—Embossed, back outlet washout—Hoy & Co., Albany, N. Y.
"FORT PITT"—Embossed, washout—Mansfield & Co., Pittsburg, Pa.
"FORTUNA"—Syphon jet, with seat attachment—James Walker & Son, Detroit, Mich.
"FOX"— No. 1 washout—W. T. Fox Mfg. Co., Rochester, N. Y.
"FRANKLIN"—Washdown—W. H. Gallison, Boston, Mass.
"FRISCO"—Embossed, square top hopper and trap combined—N. O. Nelson Mfg. Co., St. Louis, Mo.
"FRONTO"—Front washout—Haines, Jones & Cadbury Co., Phila., Pa.
"FUENTE"—Porcelain, hopper and trap—W. S. Cooper Brass Works, Phila., Pa.
"FULTON"—Short hopper and trap—M. Reynolds Plumbers' Supply Co., New York

G

"GALENA"—Standard Sanitary Mfg. Co., Detroit, Mich.
"GEM"—Flushing rim hopper and trap combined, iron—Henry McShane Mfg. Co., Baltimore, Md.
"GEM"—Syphon jet—Western Supply Co., St. Paul, Minn.
"GENESEE" — Automatic hoppers, washouts and syphon jet—Nunn Brass Works, Rochester, N. Y.
"GENEVA"—High tank, syphon jet—Pfau Mfg. Co., Cincinnati, Oo.
"GENEVA"—Ped. f. w. o.—Federal Co., Chicago, Ill.
"GENEVA"—Syphon jet—Rundle-Spence Mfg. Co., Milwaukee, Wis.
"GERMANTOWN"—Embossed, pedestal, front outlet washout—Willetts Mfg. Co., Trenton, N. J.
"GEYSER"—Open trap—Henry Huber Co., New York
"GEYSER"—Pneumatic syphon—Henry Huber Co., New York
"GIGANTIC"—Syphon jet—N. O. Nelson Mfg. Co., St. Louis, Mo.
"GLENCOE"—Ahrens & Ott Mfg. Co., Louisville, Ky.
"GLENCOE"—Pneumatic syphon—Federal Co., Chicago, Ill.
"GLENWAY"—Washdown syphon, high or low tanks—Merkel Bros., Cincinnati, O.
"GLENWOOD"—Hopper combination—F. N. Du Bois & Co., New York
"GLENWOOD"—Lowdown syphon jet—Louis Lipp Co., Cincinnati, O.
"GLOBE"—Washout—Western Supply Co., St. Paul, Minn.
"GOLDEN"—Hopper Combination—F. N. Du Bois & Co., New York
"GOLDEN GATE"—Jos. Budde, San Francisco, Cal:
"GOLDEN GATE"—Closet bowl, Fig. 18—Thomas Maddock & Sons, Trenton, N. J.
"GOTHAM"—Flushing rim, long hopper—Henry Huber Co., New York
"GRANADA"—Hopper Combination—F. N. Du Bois & Co., New York
"GRAND"Syphon jet—Jersey City Supply Co., Jersey City. N. J.
"GRANDE" — Embossed, washout—Columbus Brass Co., Columbus, O.
"GRATO"—Syphon jet, lowdown—Fort Pitt Supply Co., Pittsburg, Pa.
"GRECIAN"—Embossed, oval short hopper and trap combined—Empire Pottery, Trenton, N. J.
"GRECIAN VASE"—Embossed, back outlet washout, pedestal—J. L. Mott Iron Works, New York
"GRECIAN VASE"—Front washout, pedestal—J. L. Mott Iron Works, New York
"GRISWOLD"—Standard Sanitary Mfg. Co., Detroit, Mich.
"GULF"—Embossed, oval top washout—Fleck Bros., Phila., Pa.
"GULF STREAM"—Square top, back outlet washout—W. S. Cooper Brass Works, Phila., Pa.
"GUNNISON"—Hopper cimbination—F. N. Du Bois & Co., New York

H

"HAAS"—Frost proof—Dayton, O.
"HAJOCA," "SYPHON JET"—Haines, Jones & Cadbury Co., Phila., Pa.
"HALEOTIS"—Embossed, oval top, frout outlet washout—W. S. Cooper Brass Works, Phila., Pa.
"HALEOTIS" CLUE"—Embossed, front outlet washout—W. S. Cooper Brass Works, Phila., Pa.
"HAMILTON GEM"—Lowdown combination—Sanitary Mfg. Co., Hamilton, O.
"HAMILTON J. H."—Viking Syphon Closet—Jno. H. Hamilton, Detroit, Mich.
"HANDCO"—Syphon jet, high or low tank—Hoy & Co., Albany, N. Y.
"HARLEM"—Short hopper and trap—M. Reynolds Plumbers' Supply Co., New York
"HARLEM"—Rd. short hopper—Dimock & Fink, New York
'HARRIET"—High washdown—Louis Lipp Co., Cincinnati, O.
"HARTFORD"—Glass water closet—Stambach & Love, Philadelphia, Pa.
"HARVARD"—Oval top pedestal hopper and trap—Fleck Bros., Philadelphia, Pa.
"HARVARD"—Embossed, oval top pedestal hopper and trap—Fleck Bros., Phila., Pa.
"HARVEY"—Lowdown syphon jet—Louis Lipp Co., Cincinnati, O.
"HAVEN"—High Syphon jet—Louis Lipp Co., Cincinnati, O.
"HEAP'S"—Dry earth closet—Wm. Heap, Muskegon, Mich.
"HECLA"—Syphon jet—Henry Huber Co., New York
"HEILA"—Washdown syphon—Rundel Spence Mfg. Co., Milwaukee, Wis.
"HEIL QUELLE"—Square top, back outlet washout—W. S. Cooper Brass Works, Philadelphia, Pa.
"HELLYER"—Valve closet—Meyer-Sniffin Co., New York
"HELLYER"—Absolute washdown—Meyer-Sniffen Co., New York
"HELLYER OXFORD"—Back outlet—Meyer-Sniffen Co., New York
"HENLEY"—Washdown—Peck Bros. & Co., New Haven, Conn.
"HERALD"—High tank, syphon jet—Pfau Mfg. Co., Cincinnati, O.
"HERALD"—Syphon action—W. H. Gallison, Boston, Mass.
"HERCULES"—Washdown—J. L. Mott Iron Works, New York
"HERCULES"—Washdown—Henry Huber Co., New York
"HERMIT"—Embossed front outlet washout—B. & H. H. Sommer, New York
"AERMOSA"—Lowdown Syphon jet—Owen & Salter, Phila., Pa.
"HERO"—Front outlet washout—Fred Adee & Co., New York
"HERO"—Front washout—A. Y. McDonald & Co., Chicago, Ill.
"HIMYAR"—Ahrens & Ott Mfg. Co., Louisville, Ky.
"HOLLYWOOD"—Embossed, back outlet washout—Ronalds & Johnson Co., New York
"HOPOTCONG"—Syphon jet with patent sanitary floor flange—F. N. Du Bois & Co., New York
"HUB"—Embossed oval front outlet washout pedestal—Summer & Goodwin, Boston, Mass.
"HUDSON"—Embossed, pedestal front outlet washout—Hoy & Co., Albany, N. Y.
"HUDSON"—Oval, short hopper—Jersey City Supply Co., Jersey City, N. J.
"HUDSON"—Side outlet washout—C. A. Blessing, Philadelphia, Pa.
"HUDSON"—Tall hopper—M. Reynolds Plumbers' Supply Co., New York
"HUMBOLDT"—Improved syphon jet with seat attachments, oval and square, plain and embossed—Summer & Goodwin, Boston, Mass.
'HUMBOLDT"—Syphon jet, plain or embossed, oval or square—Summer & Goodwin, Boston, Mass.
"HURON"—Porcelain, embossed front washout closet and trap—Haines, Jones & Cadbury Co., Philadelphia, Pa.
"HUSTLER"—Syphon jet—E. W. Fisher Co., Cleveland, O.
"HYDROLA"—Embossed, front outlet washout—L. Wolff Mfg. Co., Chicago, Ill.
"HYGEIA"—Plunger, side outlet cistern—J. L. Mott Iron Works, New York
"HYGEIAN"—Double trap pneumatic syphon washout—Empire Pottery, Trenton, N. J.
"HYGIENE"—Syphon—E. Comfort & Co., Philadelphia, Pa.
"HY-LO"—Washdown—Detroit Lead Pipe & Sheet Lead Works, Detroit, Mich.

I

"I. X. L."—Thomas Maddock & Sons, Trenton, N. J.
"I. X. L."—Jno. C. Kupferle, St. Louis, Mo.
"IDAHO"—Embossed hopper and trap combined—N. O. Nelson Mfg. Co., St. Louis, Mo.
"IDEAL"—Syphon washdown, syphon jet, washouts—Ideal Mfg. Co., Detroit, Mich.
"IDEAL"—Square top back outlet washout—Stambach & Love, Philadelphia, Pa.
"IDEAL"—Embossed square top front outlet washout—W. S. Cooper Brass Works, Philadelphia, Pa.
"IDEAL"—Square top back outlet washout—C. A. Blessing, Philadelphia, Pa.
"IDEAL"—Recessed washbowl—McCambridge & Co., Philadelphia, Pa.
"ILLINOIS"—Jno. Douglas Co., Cincinnati, O.
"IMPERIAL"—Back outlet washout—Stambach & Love, Philadelphia, Pa.
"IMPERIAL"—Low tank syphon jet—Bailey-Farrell Mrg. Co., Pittsburg, Pa.
"IMPERIAL" — Syphon—Dalton-Ingersoll Co., Boston, Mass.
"IMPERIAL"—Syphon hopper with jet—Mayor, Lane & Co., New York
"IMPERIAL"—Siphon jet—Henry Huber Co., New York
"IMPERIAL"—System of closet, tanks, etc.—Standard Mfg. Co., Allegheny, Pa.
"INODORO"—Porcelain, back outlet washout flushing rim—J. L. Mott Iron Works, New York
"INODOROUS"—Back outlet washout—Thomas Maddock & Son, Trenton, N. J.
"INSTANTO"—Washout—J. L. Mott Iron Works, New York
"INTERNATIONAL"—Washdown—J. L. Mott Iron Works, New York
"INVISIBLE"—Henry C. Weeden, Boston, Mass.
"IROQUOIS"—Embossed back outlet washout—Thomas Maddock & Sons, Trenton, N. J.
"ITASCA"—Hopper—J. L. Mott Iron Works, New York
"ITASCA"—Syphon jet—Rundle Spence Mfg. Co., Milwaukee, Wis.
"IVY"—Jno. Douglas Co., Cincinnati, O.

J

"JAVA"—Washdown — Dalton-Ingersoll Co., Boston, Mass.
"JEFFERSON"—Syphon jet—G. & A. Bargamin Co., Richmond, Va.
"JENNINGS"—Plunger trap—Thos. Gibson Co., Cincinnati, O.
"JENNINGS"—Side outlet, bowl, Fig. 17—Thomas Maddock & Sons, Trenton, N. J.
"JERSEY"—Long oval flushing rim hopper—Holbrook, Merrill & Stetson, San Francis, Cal.
"JERSEY"—Syphon jet—N. O. Nelson Mfg. Co. St. Louis, Mo.
"JETTIES"—Syphon jet—A. Y. McDonald & Co., Chicago, Ill.
"JUNIATTA"—Embossed hopper and trap combined—Owen & Salter, Philadelphia, Pa.
"JUNIOR"—Washdown syphon with jet—F. N. Du Bois & Co., New York
"JUNO"—Syphon jet—Chas. Millar & Son, Utica, N. Y.
"JUPITER"—Embossed pedestal, front outlet washout—Willetts Mfg. Co., Trenton, N. J.
"JUVENILE"—Madden's patent, automatic washdown—J. B. Clow & Sons, Chicago, Ill.
"JUVENILE"—Madden's patent, oval deep seal with jet action—J. B. Clow & Sons, Chicago, Ill.
"JUVENILE"—Syphon jet—Federal Co., Chicago, Ill.
"JUVENIUS"—Madden's patent, washdown—J. B. Clow & Sons, Chicago, Ill.
"JUVENTIS"—Washdown—J. L. Mott Iron Works, New York
"JUVENTO"—Syphon jet, low—Peck Bros. & Co., New Haven, Conn.

K

"KAATERSKILL"—Washdown syphon with patent sanitary floor flange—F. N. Du Bois & Co., New York
"KASOTA"—Syphon jet—Federal Co., Chicago, Ill.

"KELLY"—Automatic after flush, frost proof, with underground tank, self-acting, automatic syphon jet, etc.—Thos. Kelly & Bros., Chicago, Ill.
"KENILWORTH"—Enameled iron, w. d.—Federal Co., Chicago, Ill.
"KENNEY"—Flushometer—Kenney Co., 72 Trinity pl, New York
"KENSINGTON"—Embossed pedestal front outlet washout—Willetts Mfg. Co., Trenton, N. J.
"KENWOOD"—F. w. o.—Federal Co., Chicago, Ill.
"KESOTA"—Syphon, jet seat attachment—Peck Bros. Co., Chicago, Ill.
"KEYSTONE"—Front outlet washout—Pittsburg Supply Co., Pittsburg, Pa.
"KEYSTONE"—Pan closet—Haines, Jones & Cadbury Co., Philadelphia, Pa.
"KEYSTONE"—Syphon jet square back—Standard Mfg. Co., Pittsburg, Pa.
"KING"—Syphon jet—Cowmeadow, Jno. Mfg. Co., Oswego, N. Y.
"KINGSTON NO. 3"—Embossed, front outlet washout—Egyptian Pottery Co., Trenton, N. J.
"KINGSTON"—Washdown syphon, high or low tanks—Merkel Bros., Cincinnati, O.
"KLONDIKE"—Embossed washdown syphon—Thomas Maddock & Sons, Trenton, N. J., & 51 Cliff, New York
"KNICKERBOCKER"—Embossed front outlet washout—Hoy & Co., Albany, N. Y.
"KNOXALL"—Syphon jet—Enameled iron washdown, seat action—Federal Co., Chicago, Ill.
"KOMPIRA"—Porcelain, square top, hopper and trap—W. S. Cooper Brass Works, Philadelphia, Pa.
"KOMPIRA CLUB"—Porcelain, square top, hopper and trap combined—W. S. Cooper Brass Works, Philadelphia, Pa.
"KOREA JUVENILE"—Madden's patent, syphon jet—J. B. Clow & Sons, Chicago, Ill.
"KURO SIRO"—Embossed, square top, front washout—W. S. Cooper Brass Works, Philadelphia, Pa.
"KURO SIRO CLUB"—Embossed square top, front washout—W. S. Cooper Brass Works, Philadelphia, Pa.
"KUY-A HO-RA"—Lowdown twin Syphon jet Chas. Millar & Son Co., Utica, N. Y.

L

"LA BELLE"—Front outlet washout—Bailey-Farrell Mfg. Co., Pittsburg, Pa.
"LA BELLE"—High tank, syphon jet—Pfau Mfg. Co., Cincinnati, O.
"LACLEDE"—Embossed, front outlet washout—N. O. Nelson Mfg. Co., St. Louis, Mo.
"LACOTA"—Embossed, washout—N. O. Nelson Mfg. Co., St. Louis, Mo.
"LAKE GEORGE"—Back outlet washout—M. Reynolds' Plumbers Supply Co., N. Y.
"LAKESIDE"—Jno. Douglas Co., Cincinnati, O.
"LANSING"—Syphon w. d.—Federal Co., Chicago, Ill.
"LA SALLE"—Square top, flushing rim, short hopper—Henry Huber Co., New York
"LATONIA"—Lowdown syphon jet—Louis Lipp Co., Cincinnati, O.
"LA TOSIA"—Front washout with P. trap—Rundel-Spence Mfg. Co., Milwaukee, Wis.
"LAURAL"—No. 3 plain front washout—Newell-Booth Co., Phila., Pa.
"LEADER"—Front outlet washout with offset—Fred Adee & Co., New York
"LEADER"—Syphon jet—Ahrens & Ott Mfg. Co., Louisville, Ky.
"LENOX"—High Syphon jet—Louis Lipp Co., Cincinnati. O.
"LENOX"—Washout—J. L. Mott Iron Works, New York
"LEXINGTON"—Ahrens & Ott Mfg. Co., Louisville, Ky.
"LEXO"—Enameled iron syphon jet—Crane-Hawley Co., Cincinnati, O.
"LILLY"—Syphon jet—John Douglas Co., Cincinnati, Ohio
"LINDELL"—Washdown syphon—N. O. Nelson Mfg. Co., St. Louis, Mo.
"LINDO"—Syphon jet high tank—Fort Pitt Supply Co., Pittsburg, Pa.
"LINWOOD"—Front outlet washout—Crane-Hawley Co., Cincinnati, O.
"LION"—Embossed, pedestal, front outlet washout—Thomas Maddock & Sons, Trenton, N. J.
"LION"—Embossed, pedestal, front outlet washout—Holbrook, Merrill & Stetson, San Francisco, Cal.
"LOFTUS"—Front washout—W. S. Cooper Brass Works, Phila., Pa.
"LONG BRANCH"—Back outlet washout offset—Fred Adee & Co., New York
"LONGFELLOW"—Ahrens & Ott Mfg. Co., Louisville, Ky.
"LOTUS"—Embossed front outlet washout—W. S. Cooper Brass Works, Phila., Pa.
"LOTUS CLUB"—Embossed front outlet washout—W. S. Cooper Brass Works, Phila., Pa.
"LUCANIA"—Jet Syphon high tank—Webb, F. W. Mfg. Co., Boston, Mass.
"LUPUS"—Syphon jet—L. Wolff Mfg. Co., Chicago, Ill.
"LUXUS NO. 2"—Embossed pedestal, front outlet washout—Newell-Booth Co., Phila., Pa.
"LUZON"—Syphon jet lowdown earthen tank—Federal Co., Chicago, Ill.
"LYNDHURST"—Washdown syphon—F. N. Du Bois & Co., New York

M

"M'SHANE NO. 1"—Plunger—Henry McShane Mfg. Co., Baltimore, Md.
"MADISON" NO. 1"—Embossed, pedestal, washout, back outlet—Willetts Mfg. Co., Trenton, N. J.
"MADRAS"—Back outlet washout, with Metal Trap—Dalton-Ingersoll Co., Boston, Mass.
"MAELSTROM"—Embossed syphon jet—Owen & Salter, Phila., Pa.
"MAGIC"—Twin jet syphon—Peck Bros. & Co., New Haven, Conn.
"MAJESTIC"—Syphon jet—N. O. Nelson Mfg. Co., St. Louis, Mo.
MALIBAR—Washdown—Dalton-Ingersoll Co., Boston, Mass.
"MALSTROM"—Syphon jet—Owen & Salter, Phila., Pa.
"MALTA"—Plain and embessed syphon jet—Newell-Booth Co., Phila., Pa.
"MAMMOTH"—Duo jet washdown—N. O. Nelson Mfg. Co., St. Louis, Mo.
"MANDARIN"—Square top hopper and trap combined—N. O. Nelson Mfg. Co., St. Louis, Mo.
"MANHATTAN"—Syphon jet—Peck Bros. Co., New Haven, Conn.
"MANHOFF"—Syphon jet—C. Hoffman, Jr., New York
"MANITOU"—Washdown syphon with jet—F. N. Du Bois & Co., New York
"MAPLE"—Lowdown syphon jet—Louis Lipp Co., Cincinnati, O.
"MARCELLUS"—Syphon hopper washdown—W. S. Cooper Brass Works, Phila., Pa.
"MARIGO"—L. Wolff Mfg. Co., Chicago, Ill.
"MARINA"—Madden's patent, syphon jet—J. B. Clow & Sons, Chicago, Ill.
"MARNA"—Embossed front outlet washout—L. Wolff Mfg. Co., Chicago, Ill.
"MASCARET"—Embossed porcelain, square back and front outlet washout—McCambridge & Co., Phila., Pa
"MASCOTTE"—Syphon washdown — McCambridge & Co., Phila., Pa.
"MAYFLOWER"—Syphon—F. G. Moore, Wm. R. Rohinson, New York, successor
"MAYOR"—Front outlet washout—Jersey City Supply Co., Jersey City, N. J.
"MAYWOOD"—Washdown seat attachment—Federal Co., Chicago, Ill.
"MEDIA"—Deep seal, short hopper and trap combined—Fred Adee & Co., New York
"MEDORA"—Syphon jet, high or lowdown tanks—Merkel Bros., Cincinnati, O.
"MELBOURNE"—High tank, washdown—Pfau Mfg. Co., Cincinnati, O.
"MELBOURNE"—Washdown — Dalton-Ingersoll Co., Boston, Mass.
"MELDRUM"—Standard Sanitary Mfg. Co., Detroit, Mich.
"MELMORE"—Embossed, front outlet washout—Brewer Pottery Co., Tiffin, Ohio
"MELROSE"—Embossed front washout—Dececo Co., Boston, Mass.
"MENTEBELLO"—Embossed pedestal front washout—Robt. Rom. Co., Milwaukee, Wis.
"MERIDA NO. 2"—Front outlet washout, embossed—James Walker & Son, Detroit, Mich.
"MERRIMACK"—Hopper valve closet—Standard Mfg. Co., Allegheny, Pa.
"METEOR"—Syphon washdown—N. O. Nelson Mfg. Co., St. Louis, Mo.
"METROPOLE"—Washdown—J. L. Mott Iron Works, New York
"METROPOLITAN"—Front outlet washout—Pittsburg Supply Co., Pittsburg, Pa.
"MICHIGAN"—Syphon jet—Detroit Lead Pipe & Sheet Lead Works, Detroit, Mich.
"MIDGETS"—Syphon jet—Henry Huber Co., New York
"MIDO"—Enameled iron lowdown syphon jet—Crane-Hawley Co., Cincinnati, O.
"MIDZU"—Oval top hopper and trap combined—W. S. Cooper Brass Works, Phila., Pa.
"MILLDALE"—Lowdown syphon jet—Louis Lipp Co., Cincinnati, O.
"MODEL"—Hopper—Toledo Supply Co., Toledo, Ohio
"MODELO"—Hopper and trap combined—Haines, Jones & Cadbury Co., Phila., Pa.
"MODERN"—Syphon jet—Louis Lipp Co., Cincinnati, O.
"MOGUL"—Duo jet washdown—N. O. Nelson Mfg. Co., St. Louis, Mo.
"MOHAWK"—Improved back outlet washout—Henry Huher Co., New York
"MOHAWK"—Syphon jet low down tank—Charles Millar & Son, Utica, N. Y
"MO-HAWK"—Lowdown washdown syphon deep seal—Chas. Millar & Son Co., Utica, N. Y.
"MOHICAN"—Lowdown syphon jet—Fleck Bros. Co., 50 N 5th, Phila., Pa.
"MOHOPAC"—Washdown syphon with patent sanitary floor flange—F. N. Du Bois & Co., New York
"MOLINE"—Wash cut enameled iron—N. O. Nelson Mfg. Co., St. Louis, Mo.
"MONA"—Syphon action, hopper with jet—Speakman Supply & Pipe Co., Wilmington, Del.
"MONARCH"—Embossed, square top pedestal, front outlet washout—Empire Pottery, Trenton, N. J.
"MONARCH"—Pneumatic syphon—J. L. Mott Iron Works, New York
"MONOGRAM"—Front outlet washout—L. Wolff Mfg. Co., Chicago, Ill
"MONTANA"—Embossed, back outlet washout—Thomas Maddock & Sons, Trenton, N. J
"MONTANA"—Square top, front outlet washout—N. O. Nelson Mfg. Co., St. Louis, Mo.
"MONTEREY NO. 15"—Embossed flushing rim washout—Holbrook, Merrill & Stetson San Francisco, Cal.
"MONTEZUMA"—Front outlet washout open trap—Thomas Maddock & Sons, Trenton N. J.
"MONTGOMERY"—Syphon hopper, lowdown—C. A. Blessing, Phila., Pa.
"MONTROSE"—Detroit Lead Pipe & Sheet Lead Works. Detroit, Mich
"MONUMENT"—Washdown—Henry Huber Co., New York
"MONUMENTAL"—Hopper and trap combined—Henry McShane Mfg. Co., Baltimore, Md
"MORO"—Enameled iron, washout — Crane-Hawley Co., Cincinnati, O.
"MOUNT MORRIS"—Embossed pedestal — Dimock & Fink Co., New York
"MURRAY HILL"—Embossed pedestal, wash out—Mansfield & Co., Pittsburg, Pa
"MUSKEGON"—Wash down—Federal Co., Chicago, Ill.
"MUTUS"—Syphon jet—J. L. Mott Iron Works, New York
"MYSTIC"—Hopper & Trap—Webb, F. W. Mfg. Co., Boston, Mass.

N

"NAHANT"—Metal leg syphon—Peck Bros. Co., New Haven, Conn.
"NASSAU"—Syphon jet—J. L. Mott Iron Works, New York
"NATIONAL"—Deep seal syphonic action—Thomas Somerville & Sons, Washington, D. C.
"NATIONAL"—Improved side outlet washout—C. A. Blessing, Phila., Pa.
"NATIONAL"—Syphon jet washdown, washout hopper, high & lowdown tank, also frost-proof & jail—National Supply Co., Toledo, O.
"NAUTILUS"—Back outlet washout, iron trap—L. Wolff Mfg. Co., Chicago, Ill.
"NAUTILUS"—Embossed pedestal — Bailey-Farrell Mfg. Co., Pittsburg, Pa.
"NAUTILUS"—Syphon jet, with outlet to wall for fireproof buildings—W. S. Coper Brass Works, Phila., Pa.
"NEBOCO"—Embossed square hack pedestal, front outlet—Newell-Booth Co., Phila., Pa.
"NE-HA-SU-NE"—Washdown syphon—Chas. Millar & Son Co., Utica, N. Y.
"NELSON"—Automatic syphons, closets and urinals for schools, factories, etc.—N. O. Nelson Mfg. Co., St. Louis, Mo.

"NELSON"Duo syphon jet—N. O. Nelson Mfg. Co., St. Louis, Mo.
"NELSON"—Sanitary plunger—N. O. Nelson Mfg. Co., St. Louis, Mo.
"NEMESIS"—Plaint front washout—Haines, Jones & Cadbury Co., Phila., Pa.
"NEMO"—L. Wolff Mfg. Co., Cbicago, Ill.
"NEOLA"—Standard Sanitary Mfg. Co., Detroit, Mich.
"NE PLUS ULTRA"—Pan closet—Stambach & Love, Phila., Pa.
"NEPTUNE"—Short oval flushing rim hopper—Haines, Jones & Cadbury Co., Phila., Pa.
"NEPTUNE"—Short hopper and trap—Henry McShane Mfg. Co., Baltimore, Md.
"NEPTUNE"—Syphon jet—Fleck Bros. Co., Phila., Pa.
"NEREUS"—Square top, short hopper and trap combined with syphon cistern—Fred Adee & Co., New York
"NERO"—Embossed, front outlet washout—N. O. Nelson Mfg. Co., St. Louis, Mo.
"NEVADA"—Embossed, square top, front outlet washout—N. O. Nelson Mfg. Co., St. Louis, Mo.
"NEW BOSTON"—High syphon jet—Louis Lipp Co., Cincinnati, O.
"NEW CENTURY"—Syphon jet—Louis Lipp Co., Cincinnati, O.
"NEW CLIFTON"—Front outlet pedestal—Crane-Hawley Co., Cincinnat, O.
"NEW DOMINION"—Syphon jet—N. O. Nelson Mfg. Co., St. Louis, Mo.
"NEW NO. 00 ARGO"—Syphon jet—E. W. Fisher Co., Cleveland, O.
"NEWPORT"—Sbort flush rim, square hopper—Tbos. Pbillips Co., Providence, R. I.
"NEWPORT"—Syphon jet—N. O. Nelson Mfg. Co., St. Louis, Mo.
"NEWPORT"—Tall hopper—Henry McShane Mfg. Co., Baltimore, Md.
"NEW RULE"—Washout—Benj .C. Smith & Sons, New York
"NEW SYPHONIA" — Pneumatic syphon, double trap or centrifugal flush—N. O. Nelson Mfg. Co., St. Louis, Mo.
"NEW YORK"—Embossed, pedestal, front outlet washout—Crescent Pottery Co., Trenton, N. J.
"NIAGARA"—Front outlet washout—Bailey-Farrell Mfg. Co., Pittsburg, Pa.
"NIAGARA"—Washdown—Ronalds & Johnson Co., New York
"NILE"—Plain and embossed syphon jet—Newell-Booth Co., Phila., Pa.
"NILO"—Syphon jet, seat attachment—Federal Co., Chicago, Ill.
"NILUS"—Lowdown washdown combination—James Walker & Son, Detroit, Mich.
"NILUS NO. 2"—Front outlet pedestal, embossed—James Walker & Son, Detroit, Mich.
"NOISELESS"—Embossed and plain, syphon jet and washdown low down—Park & McKay Co., Detroit, Mich.
"NOISELESS"—Hopper and trap—George P. Jacobs & Co., Brooklyn, N. Y.
"NORMANDIE"—Standard Sanitary Mfg. Co., Detroit, Mich.
"NORVAL"—Trenton Potteries Co., Trenton, N. J.
"NORWOOD"—Syphon jet—Crane-Hawley Co., Cincinnati, O.
"NOVELJET"—Syphon jet—L. Wolff Mfg. Co., Chicago, Ill.
"NYANZA"—Square top hopper and trap combined—L. H. Rumsey Mfg. Co., St. Louis, Mo.
"NYMPH"—Washdown—Peck Bros. Co., New Haven, Conn.

O

"OAKLAND"—Standard Sanitary Mfg. Co., Detroit, Mich.
"OCCIDENTAL"—Syphon washdown, seat attachment—Federal Co., Cbicago, Ill.
"OCCIDENTAL"—Back outlet washout—Meyer-Sniffen Co., New York
"OCEANIC"—Madden's patent, syphon jet—J. B. Clow & Sons, Chicago, Ill.
"OCEAN SPRAY"—Jos. Budde, San Francisco, Cal.
"ODANAH"—Front outlet, washdown—Rundel-Spence Mfg. Co., Milwaukee, Wis.
"OGDEN"—Embossed syphon, tall hopper and trap combined—N. O. Nelson Mfg. Co., St. Louis, Mo.
"OHIO NO. 1"—Columbus Brass Co., Columbus, Ohio
"OLD DOMINION"—Washout—G. & A. Bargamin Co., Richmond, Va.
"OLYMPIA"—Syphon jet, low tank washdown—Bailey-Farrell Mfg. Co., Pittsburg, Pa.
'OLYMPIA"—Syphon jet—Fleck Bros. Co., 50 5tb, Phila., Pa.
"OMAR"—Pneumatic—Henry Huber Co., New York
"OMEGA"—Syphon jet—Henry Huber Co., New York
"ONEIDA"—Syphon w. d.—Federal Co., Chicago, Ill.
'ON-EI-DA"—Lowdown twin Syphon jet—Chas. Millar & Son Co., Utica, N. Y.
"ONEITA"—Syphon jet—Cbarles Millar & Sons, Utica, N. Y.
"ONTARIO"—Syphon jet—Jno. Cow Meadow Mfg. Co., Oswego, N. Y.
"ONTARIO"—Syphon jet—L. Wolff Mfg. Co., Cbicago, Ill.
"OPTIMUS"—Square top back outlet washout—Henry McShane Mfg. Co., Baltimore, Md.
"ORIENT"—Embossed, pedestal—N. O. Nelson Mfg. Co., St. Louis, Mo.
"ORIENTAL"—High washout—Louis Lipp Co., Cincinnati, O.
"ORIENTAL"—Syphon w. d.—Federal Co., Cbicago, Ill.
"ORINDA"—Pedestal embossed front washout—Rundle-Spence Mfg. Co., Milwaukee, Wis.
"ORINOCO"—L. Wolff Mfg. Co., Chicago, Ill.
"ORION"—Front outlet washout—L. H. Rumsey Mfg. Co., St. Louis, Mo.
"ORION"—Porcelain, oval top hopper and trap—McCambridge & Co., Phila., Pa.
'OS-CE-O-LA"—Lowdown twin syphon jet—Chas. Millar & Son Co., Utica, N. Y.
"OS-WE-GATCHIE"—Syphon jet—Chas. Millar & Son Co., Utica, N. Y.
"OTE-SA-GA"—Syphon jet—Chas. Millar & Son Co., Utica, N. Y.
"OTRANTO"—L. Wolff Mfg. Co., Chicago, Ill.
"OTSEGO"—Back outlet wasbout No. 2—Chas. Millar & Sons, Utica, N. Y.
"OTSEGO NO. 1"—Back outlet washout—Rundel-Spence Mfg. Co., Milwaukee, Wis.
"OTSEGO No. 3"—Front washout, open trap—Owen & Salter
"OVAL"—Syphon jet—J. B. Clow & Sons, Chicago, Ill.
"OXFORD"—Pedestal, washout—Louis Lipp Co., Cincinnati, O.

P

"PACIFIC"—Back outlet washout—C. A. Blessing, Philadelphia, Pa.
"PALLISTER"—Standard Sanitary Mfg. Co., Detroit, Mich.
"PANCOCAS"—No. 3 front washout, open trap — C. A. Blessing, Phila., Pa.
"PARAGON"—Tall hopper—Stambach & Love, Philadelphia, Pa.
"PARAGON"—Porcelain enameled, front washout—Standard Mfg. Co., Allegheny, Pa.
"PARISIAN"—Embossed, pedestal, front outlet washout—Empire Pottery, Trenton, N. J.
"PARISIAN"—Front outlet—Pittsburg Supply Co., Pittsburg, Pa.
"PARISIAN"—Front outlet washout—Fred Adee & Co., New York
"PATERSON"—Washout—Dimock & Fink, New York
"PATMOS"—Washout—C. Hoffman, Jr., New York
'PAWNEE"—Embossed, back outlet washout, Fig. 143—Tbomas Maddock & Sons, Trenton, N. J.
"PAWNEE"—Lowdown syphon hopper—Fleck Bros. Co., Phila., Pa.
"PAYNE"—Frost proof—Pittsburg Brass Mfg. Co., Pittsburg, Pa.
'PEARL"—Jno. Douglas Co., Cincinnati, O.
"PEDESTAL"—Madden's patent, syphon jet—J. B. Clow & Sons, Chicago, Ill.
"PEDESTAL ARTISAN"—Sbort hopper washdown—Meyer-Sniffen Co., New York
'PEERLESS"—Square top back outlet washout—Stambach & Love Mfg. Co., Phila., Pa
"PEERLESS"—Oval hopper and trap combined—Empire Pottery, Trenton, N. J.
"PEERLESS"—Pedestal washout—Louis Lipp Co., Cincinnati, O.
'PEERLESS"—Columbus Brass Co., Columbus O.
"PEERLESS"—Hopper and trap combined—Jas. Robertson Mfg. Co., Baltimore, Md.
"PEERLESS"—Oval hopper and trap combined—Ronalds & Johnson Co., New York
"PEERLESS"—Square top back outlet washout—Henry McShane Mfg. Co., Baltimore, Md.
"PEERLESS"—Plunger—L. M. Rumsey Mfg. Co., St. Louis, Mo.
"PEMBROKE"—Porcelain plain and embossed, oval hopper and trap combined; also tbe improved pattern with seat attacbment—Summer & Goodwin, Boston, Mass.
"PEMBERTON IMPROVED"—Pedestal back outlet wasbout—Meyer-Sniffen Co., N. Y.
"PENDLETON"—Combination, pedestal washout—Louis Lipp Co., Cincinnati, O.
"PENELOPE"—Ahrens & Ott Mfg. Co., Louisville, Ky.
"PENINSULAR"—Standard Sanitary Mfg. Co., Detroit, Mich.
"PENINSULAR"—Lowdown syphon jet and washdown syphon—Peninsular Mfg. Co., Ann Arbor, Micb.
"PENN"—Sbort hopper—Dececo Co., Boston, Mass.
"PENNANT"—Oliphant & Co., Trenton, N. J.
"PENNANT"—Embossed front outlet washout—Park & McKay Co., Detroit, Mich
"PENSY NO. 1"—Front washout, pedestal—Newell-Booth Co., Philadelphia, Pa.
"PEOLA"—Standard Sanitary Mfg. Co., Detroit, Mich.
"PEORIA"—Standard Sanitary Mfg. Co., Detroit, Mich.
"PERFECTION"—Embossed syphon jet pedestal—Standard Mfg. Co., Allegheny, Pa.
"PERFECTION"—Porcelain square top back outlet closet and trap—Haines, Jones & Cadbury Co., Pbiladelphia, Pa.
"PERFECTION"—Square top back outlet washout—Haines, Jones & Cadbury Co., Philadelphia, Pa.
"PERFECTO"—Heavy porcelain hopper—McCambridge & Co., Phila., Pa.
"PERFECTO"—Thos. Maddock & Sons, New York, & Trenton, N. J.
"PERFECTO"—Ship closet—McCambridge & Co., Pbila., Pa.
"PERFECTO"—Syphon jet—Ronalds & Johnson Co., New York
"PHILADELPHIA"—Hopper—Henry Huber Co. New York
"PHILADELPHIA"—Syphon jet, lowdown—C. A. Blessing, Phila., Pa.
"PHILADELPHIA IMPROVED"—Pan closet—Haines, Jones & Cadbury Co., Phila., Pa.
"PHILADELPHIA IMPROVED"—Pan closet—Stambach & Love, Philadelphia, Pa.
"PHOENIX"—Wall outlet washdown—Webb, F. W. Mfg. Co., Boston, Mass.
"PILGRIM"—Embossed front outlet washout, No. 3—Mayor, Lane & Co., New York
"PILOT"—L. Wolff Mfg. Co., Chicago, Ill.
"PIONEER"—Oval top back wasbout—W. S. Cooper Brass Works, Philadelphia, Pa.
'PIONEER"—Syphon jet—Jos. Budde, San Francisco, Cal.
"PIONEER"—Back outlet washout—W. S. Cooper Brass Works, Philadelpbia, Pa.
"PIONEER"—No. 3 washout—Fleck Bros. Co., Phila., Pa.
"PITTSBURG"—Embossed pedestal front outlet washout—Crescent Pottery Co., Trenton, N. J.
"PITTSBURG"—Front outlet washout—Pittsburg Supply Co., Pittsburg, Pa.
"PITTSFIELD"—Syphon action — Dimock & Fink Co., New York
"PLACID"—Syphon jet, with patent sanitary floor flange—F. N. Du Bois & Co., New York
"PLUTO"—Plain and embossed syphon jet—Newell-Booth Co., Phila., Pa.
'PLUTON"—Jet syphon, wall outlet high tank—Webb, F. W. Mfg. Co., Boston, Mass.
"PLYMOUTH"—Back outlet washout—Mayor, Lane & Co., New York
"PLYMOUTH"—Syphon washdown—Chas. Millar & Sons, Utica, N. Y.
"PNEUMATIC"—Syphon A, B, C, D, E & F—Columbus Brass Co., Columbus, O.
"POCO"—Lowdown syphonic—Ft. Pitt Supply Co., Pittsburg, Pa.
"POINTER"—Syphon jet—Haines, Jones & Cadbury Co., Phila., Pa.
"POLO"—Syphon w. d. lowdown tank—Federal Co., Cbicago, Ill.
"PONTIAC"—Embossed open trap front outlet washout—Empire Pottery, Trenton, N. J.
"POPULAS"—Syphon jet—Haines, Jones & Cadbury Co., Phila., Pa.
"PORTLAND"—Syphon jet—N. O. Nelson Mfg. Co., St. Louis, Mo.
"PORTLAND"—Washout—Henry Huber Co., New York
"POSITIVE"—Plunger closet—Columbus Brass Co., Columbus, O.
"POSITIVE"—Plunger closet—Pittsburg Supply Co., Pittsburg, Pa.
"PREMIER"—Side outlet plunger valve, flushing rim—J. L. Mott Iron Works, N. Y.

"PREMO"—Washdown syphon—N. O. Nelson Mfg. Co., St. Louis, Mo.
"PRESTO"—Washdown—L. Wolff Mfg. Co., Chicago, Ill.
"PRETORIA"—Low tank washdown—Western Supply Co., St. Paul, Minn.
"PRIMARY"—Syphon jet, low—Peck Bros. & Co., New Haven, Conn.
"PRIMO"—Syphon jet—J. L. Mott Iron Works, New York
"PRIMROSE"—Syphon jet—Dimock & Fink Co., New York
"PRINCE"—Embossed back outlet washout—N. O. Nelson Mfg. Co., St. Louis, Mo.
"PRINCESS"—Embossed back outlet washout—N. O. Nelson Mfg. Co., St. Louis, Mo.
"PRINCESS"—Low tank, washdown — Pfau Mfg. Co., Cincinnati, O.
"PRINCETON"—Short and long hopper—F. G. Moore, Wm. R. Robinson, New York (successor)
"PRISCILLA"—Syphon jet—Mayor, Lane & Co., New York
"PROGRESS"—Back outlet washout—L. Wolff Mfg. Co., Chicago, Ill.
"PROMPTO"—Syphon jet—J. L. Mott Iron Works, New York
"PURITAN"—Back outlet washout, enameled iron trap—J. L. Mott Iron Works, New York
"PURITAN"—Low tank washdown—Bailey-Farrell Mfg. Co., Pittsburg, Pa.
"PURITAN"—Front outlet washout N. 3—Mayor, Lane & Co., New York
"PURITAN NO. 3½—Washdown—Dalton-Ingersoll Co., Boston, Mass.
"PURL"—Embossed, washdown—Owen & Salter, Phila., Pa.
"PURO"—Washdown—Dececo Co., Boston, Mass.
"PURUS"—Embossed and plain, back outlet washout—Fred. Adee & Co., New York

Q

"QUAKER CITY"—Washdown—Haines, Jones Cadbury Co., Phila., Pa.
"QUEDO"—Low down syphon action hopper & trap—Owen & Salter, Phila., Pa.
"QUEEN"—John Douglas Co., Cincinnati, O.
"QUEEN"—Low tank, washdown—Pfau Mfg. Co., Cincinnati, O.
"QUIET"—Syphon jet, low tank—Haines, Jones & Cadbury Co., Phila., Pa.
"QUIETUS"—Syphon washdown, lowdown tank —Federal Co., Chicago, Ill.

R

"RAFEL"—Embossed, pedestal, front outlet washout, No. 14—Holbrook, Merrill & Stetson, San Francisco, Cal.
"RAPID"—John Douglas Co., Cincinnati, O.
"RAPID"—All iron washdown—J. L. Mott Iron Works, New York
"RAPID"—Flushing rim, hopper and trap—Robt. Rom Co., Milwaukee, Wis.
"RAPID STREAM"—Square top, back outlet washout—C. A. Blessing, Phila, Pa.
"RAPID TRANSIT"—Syphon jet—Henry Huber Co., New York
"RAYMOND"—New Orleans Railway & Mill Supply Co., New Orleans, La.
"RECIO"—Syphon jet. lowdown—Fort Pitt Supply Co., Pittsburg, Pa.
"REGENT"—Syphon with integral vent—Peck Bros. & Co., New Haven, Conn.
"REGINA"—Syphon jet—Newell-Booth Co., Phila., Pa.
"RELIABLE"—Syphon jet—Henry Huber Co., New York
"RELIANCE"—Hopper and trap—Henry McShane Mfg. Co., Baltimore, Md.
"RENAISSANCE"—Syphon jet—J. L. Mott Iron Works, New York
"RENO"—F. O. washout—F. N. DuBois, New York
"RENO"—Syphon jet, with outlet to wall for fireproof buildings—Wm. S. Cooper Brass Works, Phila., Pa.
"RENSSELAER"—Syphon jet—Hoy & Co., Albany, N. Y.
"REYNARD"—Single syphon jet—Fox, W. T. Mfg. Co., Rochester, N. Y.
"RHONE"—L. Wolff Mfg. Co., Chicago, Ill.
"RIALTO"—Lowdown syphon — Crane-Hawley Co., Cincinnati, O.
"RICA"—Syphon jet—Louis Lipp Co. ,Cincinnati, O.
"RICHMOND"—Low tank washdown—Bailey-Farrell Mfg. Co., Pittsburg, Pa.
"RICHMOND"—Lowdown syphon jet—G. & A. Bargamin Co., Richmond, Va.
"RIDGEWAY" — Lowdown washdown — Louis Lipp Co., Cincinnati, O.
"RIFLE"—Syphon jet—Willetts Mfg. Co., Trenton, N. J.
"RIFLE"—Syphon jet, direct outlet—W. H. Hussey & Son, New York
"RIFLE"—Embossed and plain, syphon jet—Illinois Malleable Iron Co., Chicago, Ill.
"RITO"—Enameled iron washdown — Crane-Hawley Co., Cincinnati, O.
"RIVERA"—Syphon jet—Mayor, Lane & Co., New York
"RIVERSIDE"—Combination, pedestal, washout, high—Louis Lipp Co., Cincinnati, O.
"RIVULET"—Syphon hopper, with jet—Haines, Jones & Cadbury Co., Phila., Pa.
"RIVULET"—Washdown or syphon action hopper strap—Mayor, Lane & Co., New York
"ROCKRIMMON"—Syphon jet—Plumbers' Supply Co., Springfield, Mass.
"ROMAN"—Front outlet washout—Thos. Maddock & Sons, Trenton, N. J.
"ROMAN"—Embossed, front outlet washout, pedestal—J. L. Mott Iron Works, New York
"ROSEMONT"—High tank, syphon jet—Pfau Mfg. Co., Cincinnati, O.
"ROSEMONT"—Syphon jet, low tank—Haines, Jones & Cadbury Co., Phila., Pa.
"ROSSINGTON"—Ahrens & Ott Mfg Co., Louisville, Ky.
"ROSSMORE"—John Douglas Co., Cincinnati. O.
"ROXBURY"—Embossed, pedestal, front outlet washout, No. 18—Henry McShane Mfg. Co., Baltimore, Md.
"ROXBURY"—Washout—Webb, F. W. Mfg. Co., Boston, Mass.
"ROYAL"—Robert Rom Co., Milwaukee, Wis.
"ROYAL"—Front outlet washout—Henry McShane Mfg. Co., Baltimore, Md.
"ROYAL"—Mayor, Lane & Co., New York
"ROYAL"—Hopper and trap combined—Toledo Supply Co., Toledo, O.
"ROYAL"—Syphon jet lowdown system—Fred. Adee & Co., New York
"ROYAL FLUSH"—Low cistern, syphon jet—Fred. Adee & Co., New York
"ROYAL FLUSH"—Front and back washout, tank and seat combined—Cahill, Swift & Co., St. Louis, Mo.
"RUBICO"—Lowdown syphon jet—Ft. Pitt Supply Co., Pittsburg, Pa.
"RUBY"—Low tank syphon jet—Western Supply Co., St. Paul, Minn.
"RUNNYMEDE"—Ahrens & Ott Mfg. Co., Louisville, Ky.
"RUSHMERE"—F. W.—Standard Sanitary Mfg. Co., Detroit, Mich.
"RUSSIA"—Syphon jet—Brewer Pottery Co., Tiffin, O.
"RUTH COMBINATION"—Syphon jet—John Douglas Co., Cincinnati, O.
"SAC-AU-DA-GA"—Front outlet washout—Chas. Millar & Co., Utica, N. Y.

S

"SACHEM"—Front washout—Thomas Phillips Co., Providence, R. I.
"SACRAMENTO"—Embossed, pedestal, front outlet washout—Holbrook, Merrill & Stetson, San Francisco, Cal.
"SAD-A-QUOIT"—Syphon jet—Chas. Millar & Son Co., Utica, N. Y.
"SAFETY"—Plunger—Standard Sanitary Mfg. Co., Detroit, Mich
"SAINT CLAIRE"—Embossed or plain, front washout—Park & McKay Co., Detroit, Mich
"SAINT LAWRENCE"—Glass pan—Connolly Specialty Works, Brooklyn, N. Y.
"SAINT LOUIS"—Combination syphon jet high —Louis Lipp Co., Cincinnati, O.
"SALTANT"—Vacuum, with acme seat—Henry McShane Mfg. Co., Baltimore, Md.
"SALVA"—Washdown.—Wm. S. Cooper Brass Works, Phila., Pa.; Detroit, Mich.
"SALVATOR"—Embossed, pedestal, No. 2—Egyptian Pottery Co., Trenton, N. J.
"SANCLIFF"—Washdown—Federal Co., Chicago, Ill.
"SANITARY"—Embossed, front outlet washout —M. Reynolds Plumbers' Supply Co., New York
"SANITARY"—Park & McKay Co., Detroit, Mich
"SANITAS CROWN"—Syphon jet, with retarding chamber—Smith & Anthony Co., Boston, Mass.
"SANITAS EASTON"—Syphon jet—Smith & Anthony Co., Boston, Mass.
"SANITAS HUB"—Syphon jet—Smith & Anthony Co., Boston, Mass.
"SANITAS KINEO"—Syphon jet—Smith & Anthony Co., Boston, Mass.
"SANITAS REGAL"—Syphon jet, with standing column of water—Smith & Anthony Co., Boston, Mass.
"SANITAS ROYAL"—Syphon jet, with retarding chamber—Smith & Anthony Co., Boston. Mass.
"SANITAS TERMINAL"—Syphon jet—Smith & Anthony Co., Boston, Mass.
"SANITAS TROJAN"—Washdown—Smith & Anthony Co., Boston, Mass.
"SANITAS WASHDOWN"—Smith & Anthony Co., Boston, Mass.
"SAN JOSE"—Square top, back outlet washout Holbrook, Merrill & Stettson, San Francisco, Cal.
"SANTA CRUZ"—Front outlet washout—Holbrook, Merrill & Stetson. San Francisco,
"SANTIAGO"—Syphon washdown—N. O. Nelson Mfg. Co., St. Louis, Mo.
"SAPPHO"—Embossed or plain, syphon jet—Mansfield & Co., Pittsburg. Pa.
"SAPPHO"—Low tank, syphon jet—Bailey-Farrell Mfg. Co., Pittsburg, Pa.
"SAPPHO"—Syphon pneumatic—Standard Sanitary Mfg. Co., Detroit, Mich.
"SARANAC"—Oval top hopper and trap combined—Haines, Jones & Cadbury Co., Phila., Pa.
"SARANAC"—Square and round top hopper and trap combined—Ronalds & Co., New York
'SAR-A-NAC—Lowdown washdown—Chas. Millar & Son Co., Utica, N. Y.
"SARANAC"—Syphonic action, high—Louis Lipp Co., Cincinnati, O.
"SARATOGA"—Front outlet washout—Henry McShane Mfg. Co., Baltimore, Md.
"SCHUREMAN'S"—Noiseless—N. O. Nelson Mfg. Co., St. Louis, Mo.
"SEA SHELL"—Embossed, front outlet washout—Park & McKay Co., Detroit, Mich.
"SEA SHELL NO. 2"—Frank outlet, pedestal, embossed—James Walker & Son, Detroit, Mich.
"SEASIDE"—Embossed, pedestal, front outlet washout—N. O. Nelson Mfg. Co., St. Louis, Mo.
"SEATTLE"—Embossed, pedestal, front outlet washout, No. 8—Holbrook, Merril & Stetson, San Francisco, Cal.
"SECURO"—Embossed, syphon jet, pedestal—Standard Mfg. Co., Allegheny, Pa.
"SEDALIA"—Standard Sanitary Mfg. Co., Detroit, Mich.
"SEDATE"—Syphon action, hopper with jet, low tank—Haines, Jones & Cadbury Co., Phila., Pa.
"SELECTO"—Syphonia, high tank—Fort Pitt Supply Co., Pittsburg, Pa.
"SENATOR"—Mansfield & Co., Pittsburg, Pa.
'SEN-E-KA"—Automatic washdown syphon jet —Chas. Millar & Son Co., Utica, N. Y.
"SENTRY"—Flushing rim, hopper and trap—L. M. Rumsey Mfg. Co., St. Louis, Mo.
"SERVIAN"—Improved pedestal, washdown—Meyer-Sniffen Co., New York
"SHAMROCK"—Front outlet washout—Fred. Adee & Co., New York
"SHAWMUT"—Back outlet washout—Summer & Goodwin, Boston, Mass.
"SHAWSHEEN"—Hopper and trap combined—Dececo Co., Boston, Mass.
"SHELBY"—Standard Sanitary Mfg. Co., Detroit, Mich.
"SHELDON"—Porcelain oval, front outlet washout—McCambridge & Co., Phila., Pa.
"SHOP"—Flushing rim hopper—G. & A. Bargamin, Richmond, Va.
"SIBERIA"—Back outlet washout—L. H. Rumsey Mfg. Co., St. Louis, Mo.
"SIDNEY"—Syphon—Dalton-Ingersoll Co., Boston, Mass.
'SIGNET"—Back outlet washout—L. M. Rumsey Mfg. Co., St. Louis, Mo.
"SILENTIS"—Syphon jet—J. L. Mott Iron Works, New York
"SILEO"—Syphon washdown, syphon jet, washouts—Ideal Mfg. Co., Detroit, Mich.
"SILVIA"—Ahrens & Ott Mfg. Co., Louisville, Ky.
"SIMPLEX"—Hopper and trap—Western Supply Co., St. Paul, Minn.
"SIMPLEX"—Plunger cistern, side outlet—J. L. Mott Iron Works, New York
"SIOUX"—Embossed pedestal, front outlet washout, Fig. 142—Thomas Maddock & Sons, Trenton, N. J.

"SIPHO"—Washdown—E. W. Fisher Co., Cleveland, O.
"SIREN"—Square top hopper and trap combined—Dececo Co., Boston, Mass.
"SIREN"—Square top, back outlet washout—Fred Adee & Co., New York
"SKAN-AN-DOAH"—Front outlet washout—Chas. Millar & Son Co., Utica, N. Y.
"SLUICE"—Jno. Douglas Co., Cincinnati, O.
"SMITH'S"—Odorless—Thomas Maddock & Sons, Trenton, N. J.
"SMITH'S SYPHON"—Syphon—Thomas Maddock & Sons, Trenton. N. J.
"SMITH'S SYPHON"—Syphon—Standard Mfg. Co., Allegheny, Pa.
"SOLUS"—Washdown—J. L. Mott Iron Works, New York
"SOLWAY"—Embossed pedestal, front outlet washcut—Ronalds & Johnson Co., New York
"SOMMER'S"—Embossed, front outlet washout, embossed syphon jet, front or back outlet washout—B. & H. H. Sommer, New York
"SONOMA"—Square top, front outlet washout, No. 12—Holbrook, Merrill & Stetson, San Francisco, Cal.
"SONOMA"—Syphon hopper, extra heavy—Haines, Jones & Cadbury Co., Phila., Pa.
"SOUTHERN"—Syphon action, hopper low tank—Haines, Jones & Cadbury Co., Philadelphia, Pa.
"SPARTA"—Washdown — Neewell-Booth Co., Phila., Pa.
"SPARTAN" — Washdown syphon — Rundell-Spence Mfg. Co., Milwaukee, Wis.
"SPHINX"—Embossed front outlet washout—W. S. Cooper Brass Works, Phila., Pa.
"SPHINX CLUB"—Embossed, front outlet washout—W. S. Cooper Brass Works, Phila., Pa.
"SPRINGFIELD"—Crescent Pottery Co., Trenton, N. J.
"SPRITE"—Syphon jet—Fleck Bros., Phila., Pa.
"STAMFORD"—Syphon jet—Dimock & Fink Co., New York
"STANDARD"—Jno. Douglas Co., Cincinnati, O.
"STANDARD"—L. Wolff Mfg. Co., Chicago, Ill.
"STANDARD"—Pan closet—Stambach & Love, Phila., Pa.
"STANDARD"—Automatic syphon jet, extension latrine, for schools, asylums, factories, etc., direct outlet enameled hopper valve, flushing rim hopper valve, long oval flushing rim hopper, prison hopper valve, short oval, flushing rim hopper—Standard Mfg. Co., Allegheny, Pa.
"STAR"—Hopper trap—L. Wolff Mfg. Co., Chicago
"STAR"—Syphon jet—E. W. Fisher Co., Cleveland, O.
"STAR"—Jno. Douglas Co., Cincinnati, O.
"STERLING"—Lowdown syphon jet — Fleck Bros. Co., Phila., Pa.
"STOIC"—Front outlet washout—N. O. Nelson Mfg. Co., St. Louis, Mo.
"STORK"—Embossed, oval top, front washout—W. S. Cooper Brass Works, Phila., Pa.
"STORK"—Front outlet washout—Fred Adee & Co., New York
"STORK"—Front outlet washout Jas. Robertson Mfg. Co., Baltimore, Md.
"STORK"—Front washout—A. Y. McDonald Co., Chicago, Ill.
"STORK"—Equitable Co., Trenton, N. J.
"STORK"—Washout—Columbus Brass Co., Columbus, O.
"STORK"—Embossed pedestal, washout—Toledo Supply Co., Toledo, O.
"STORK NO. 2"—Embossed pedestal, front outlet washout—Empire Pottery, Trenton, N. J.
"STORM KING"—Round top, flushing rim, hopper—W. S. Cooper Brass Works, Phila., Pa.
"SUPERBA"—Syphon hopper with jet—Haines, Jones & Cadbury Co., Phila., Pa.
"SUPERIOR"—Syphon jet—Toledo Supply Co., Toledo, O.
"SUPERIOR"—Syphon jet—L. Wolff Mfg. Co., Chicago, Ill.
"SUPREME"—Syphon jet—Jos. Buddee, San Francisco, Cal.
"SUPREME NO. 2"—Embossed pedestal, front washout—Owen & Salter, Phila., Pa.
"SUTTON"—Embossed, rifle syphon jet—Willett's Mfg. Co., Trenton, N. J.
"SYPHO"—Embossed, square top, back outlet washout, front outlet washout—Crescent Pottery Co., Trenton, N. J.
"SYPHO"—Porcelain syphon jet—McCambridge & Co., Phila., Pa.
"SYPHON"—Eduction range closets—Dawes & Myler, New Brighton, Pa.
"SYPHON A"—Pneumatic syphon—Columbus Brass Co., Columbus, O.
"SYPHON C"—Pneumatic syphon—Columbus Brass Co., Columbus, O.
"SYPHONETTE"—Standard Sanitary Mfg. Co., Detroit, Mich.
"SYPHONETTE"—Syphon jet—Fleck Bros., Phila., Pa.
"SYPHONIA"—Ahrens & Ott Mfg. Co., Louisville, Ky.
"SYPHONIA"—Pneumatic syphon—N. O. Nelson Mfg. Co., St. Louis, Mo.
"SYPHON PET"—Syphon jet hopper—G. & A. Bargamin Co., Richmond, Va.

T

"TACOMA"—Square top pedestal, front outlet washout, No. 7—Thomas Maddock & Sons, Trenton, N. J.
"TACOMA"—Square top pedestal, front outlet washout, No. 7—Holbrook, Merrill & Stetson, San Francisco, Cal.
"TAMORA"—Washdown — Haines, Jones & Cadbury Co., Phila., Pa.
"TANTALUS"—Syphon jet—Speakman Supply & Pipe Co., Wilmington, Del.
"TEN BROECK"—Ahrens & Ott Mfg. Co., Louisville, Ky.
"TEN EYCK"—Low down syphonic action—Louis Lipp Co., Cincinnati, O.
"TENNY"—Back outlet, plain—Egyptian Pottery Co., Trenton, N. J.
"TEUTONIC NO. 3"—Embossed pedestal, front outlet washout—Empire Pottery, Trenton, N. J.
"THOMAIKE NO. 2"—Embossed, front outlet washout—Summer & Goodwin, Boston, Mass.
"THOR"—Washdown, extra heavy—Haines, Jones & Cadbury Co., Phila., Pa.
"THRUSH"—Low down syphon jet—Colwell Lead Co., 63 Centre, N. Y.
"TIDAL WAVE"—Pneumatic—Henry Huber Co., New York
"TIOGA"—Washout—Henry Huber Co., New York
"TITAN"—Washdown, pedestal—J. L. Mott Iron Works, New York
"TITANIC"—Ejector, syphon jet—Bailey Farrell Mfg. Co., Pittsburg, Pa.
"TOBASCO"—Front outlet washdown—Park & McKay, Detroit, Mich.
"TOBASCO"—Lowdown syphonic—Ft. Pitt Supply Co., Pittsburg, Pa.
"TOLEDO"—Embossed, front washout—Toledo Supply Co., Toledo, O.
"TOLEDO"—Front washout, plain pedestal—Rundell-Spence Mfg. Co., Milwaukee, Wis.
"TONAWANDA"—Square top, hopper and trap combined—Haines, Jones & Cadbury Co., Phila., Pa.
"TONY"—Henry C. Weeden, Boston, Mass.
"TORNADO"—Washout—J. L. Mott Iron Works, New York
"TORRENT"—Embossed, front washout, with open trap—Owen & Salter, Phila., Pa.
"TORRENT"—Empire Pottery, Trenton, N. J.
"TORRENT"—John Douglas Co., Cincinnati, O.
"TORRENT"—Front syphon jet—Dececo Co., Boston, Mass.
"TORRENTO"—Syphon washdown—J. L. Mott Iron Works, New York
"TRANQUIL"—Washdown—Henry Huber Co., New York
"TREMONT"—Hopper short—Dimock & Fink Co., New York
"TREMONT"—Square top, pedestal, front outlet washout—Empire Pottery Co., Trenton, N. J.
"TRENTO"—Hopper—J. L. Mott Iron Works, New York
"TRIDENT"—Corner closet and short hopper—Pittsburg Supply Co., Pittsburg, Pa.
"TRIPLE"—Syphon jet—Peck Bros. & Co., New Haven, Conn.
"TRIPLEX"—Side outlet washout, iron or porcelain—J. L. Mott Iron Works, New York
"TRE SEAL"—Syphon jet—L. M. Rumsey Mfg. Co., St. Louis, Mo.
"TRITON"—Embossed, front outlet washout—Fred Adee & Co., New York
"TRIUMPH"—Syphon jet, high or low down tanks—Merkel Bros. ,Cincinnati, O.
"TRIUMPH"—Washdown—Henry Huber Co., New York
"TROGEN"—Hopper, with P trap—Rundell-Spence Mfg. Co., Milwaukee, Wis.
"TROJAN"—Syphon and washdown—Aird-Don Co., Troy, N. Y.
"TROPIC"—Madden's patent, front outlet, washout—J. B. Clow & Sons, Chicago, Ill.
"TUBAL"—System, etc.—Standard Mfg. Co., Allegheny, Pa.
"TUNIS"—Embossed, open trap, front outlet washout—Willett's Mfg. Co., Trenton, N. J.
"TUSCON"—Plain and embossed syphon jet hopper and trap combined—Newell-Booth Co., Phila., Pa.
"TWIN JET"—Madden's patent, syphon washdown—J. B. Clow & Sons, Chicago, Ill.
"TYPHON"—Embossed, front outlet washout—Fred Adee & Co., New York

U

"U. B. TE"—Syphon jet—Buick & Sherwood Mfg. Co., Detroit, Mich.
"UGANDA"—L. Wolff Mfg. Co., Chicago, Ill.
"UNA"—Seal syphon—L. M. Rumsey Mfg. Co., St. Louis, Mo
"U-NA-DILLA"—Plain syphon jet—Chas. Millar & Son Co., Utica, N. Y.
"UNDINE"—Porcelain, front outlet washout, flushing rim—J. L. Mott Iron Works, New York
"UNION"—Pan closet—M. Reynolds' Plumbers' Supply Co., New York
"UNION"—Embossed and plain, syphon jet—Willett's Mfg. Co., Trenton, N. J.
"UNION SQUARE"—Front outlet washout—M. Reynolds' Plumbers' Supply Co., New York
"UNIQUE"—Syphon jet—L. M. Rumsey Mfg. Co., St. Louis, Mo.
"UNIQUE"—Washdown—Henry Huber Co., New York
"UNITAS"—Improved front outlet washout—C. A. Blessing, Phila., Pa.
"UNIVERSAL"—Front outlet washout—Geo. P. Jacobs & Co., Brooklyn N. Y.
"UNIVERSAL"—Crescent Pottery Co., Trenton, N. J.
"UNIVERSAL"—Low down syphon jet—Louis Lipp Co., Cincinnati, O.
"UPTON"—Syphon jet, low tank—Haines, Jones & Cadbury Co., Phila., Pa.
"URAL"—Washdown—J. L. Mott Iron Works, New York
"UTAH"—Embossed, back outlet washout—N. O. Nelson Mfg. Co., St. Louis, Mo.
"UTOPIA"—Embossed and plain, syphon—Park & McKay Co., Detroit, Mich.

V

"VACATO"—Ejector, syphon, jet—Bailey Farrell Mfg. Co., Pittsburg, Pa.
"VACATO"—Low tank syphon jet—Bailey-Farrell Mfg. Co., Pittsburg, Pa.
"VALCOUR"—R. R. syphon washdown, lowdown tank—National Supply Co., Toledo, O.
"VALENCIA NO. 2"—Front washout seat for tank pressure—Henry C. Weeden
"VARUNA"—Plain & embossed, syphon jet closet—James Walker & Son, Detroit, Mich.
"VEDORA"—Syphon jet—Ahrens & Ott Mfg. Co., Louisville, Ky.
"VENDOME"—Back outlet, washout—Dalton-Ingersoll Co., Boston, Mass.
"VENICE NO. 3"—Pedestal washout, front outlet—National Supply Co., Toledo, O.
"VENTO"—Low down syphon—Crane-Hawley Co., Cincinnati, O.
"VERITAS"—R. R. syphon jet—National Supply Co., Toledo, O.
"VERITUS"—Syphon jet—Robert Rom Co., Milwaukee, Wis.
"VERNON"—Twin jet syphon high or low tank—Webb, F. W. Mfg. Co., Boston, Mass.
"VERONA"—Empire Pottery, Trenton, N. J.
"VERONA NO. 3"—Washout front outlet—National Supply Co., Toledo, O.
"VESTA"—Front outlet washout, offset—Fred. Adee & Co., New York
"VESTA"—R. R. syphon washdown, also with brass flushometer—National Supply Co., Toledo, O.
"VICTOR"—Back outlet washout—Pittsburg Supply Co., Pittsburg, Pa.
"VICTOR"—Embossed, oval back outlet washout—Empire Pottery Co., Trenton, N. J.
"VICTOR"—High tank enameled iron syphon jet—N. O. Nelson Mfg. Co., St. Louis, Mo.
"VICTOR"—High tank, washout—Pfau Mfg. Co., Cincinnati, O.
"VICTOR"—R. R. syphon jet washdown, lowdown tank—National Supply Co., Toledo, O.
"VICTOR"—Short hopper & trap—Henry McShane Mfg. Co., Baltimore, Md.
"VICTOR"—Syphon hopper and trap—Fleck Bros. Co., Phila., Pa.

"VICTOR"—Syphon jet—Robert Rom Co., Milwaukee, Wis.
"VICTORIA"—Embossed, pedestal—Bailey-Farrell Mfg. Co., Pittsburg, Pa.
"VICTORY"—Embossed, front outlet washout—Ronalds & Johnson Co., New York
"VIGILANT"—R. R. syphon jet with high or lowdown tank, lowdown hardwood tank—National Supply Co., Toledo, O.
"VIGILANT"—Syphon jet—Ronalds & Johnson Co., New York
"VIKING"—J. H. Hamilton, Detroit, Mich.
"VINCENT"—F. O. F. R. hopper—E. W. Fisher Co., Cleveland, O.
"VINDEX"—Lowdown syphonic with jet—Ft. Pitt Supply Co., Pittsburg, Pa.
"VINDEX"—L. Wolff Mfg. Co., Chicago, Mich.
"VISTA"—Offset washout, back outlet—Pittsburg Supply Co., Pittsburg, Pa.
"VITRES"—Syphon jet, seat attached—National Supply Co., Toledo, O.
"VITRES"—Front washout—Robert Rom Co., Milwaukee, Wis.
"VITRIO"—Embossed R. R. syphon jet—National Supply Co., Toledo, O.
"VIXEN"—R. R. syphon jet high—National Supply Co., Toledo, O.
"VOLANTE"—L. Wolff Mfg. Co., Chicago, Ill.
"VOLERO"—Syphon jet—L. Wolff Mfg. Co., Chicago, Ill.
"VOLGA"—Low-down syphon jet combination—James Walker & Son, Detroit, Mich.
"VOLGA"—R. R. syphon jet washdown, also with brass flushometer—National Supply Co., Toledo, O.
"VOLGA NO. 2"—Front outlet, pedestal, embossed—James Walker & Son, 43 Jefferson av, Detroit, Mich.
"VOLITA"—Syphon jet—N. O. Nelson Mfg. Co., St. Louis, Mo.
"VORTEX"—Syphon jet—Meyer-Sniffen Co., New York
"VOUNTEER"—Back outlet washout—Fred. Adee & Co., New York

W

"WA-I-ON-THA—Lowdown twin syphon jet—Chas. Millar & Son Co., Utica, N. Y.
"W. B. TE"—Syphon jet—Standard Sanitary Mfg. Co., Detroit, Mich.
"WAKEFIELD"—Syphon jet—Dimock & Fink Co., New York
"WALDORF"—Syphon jet—Walls & Pearsall, Philadelphia, Pa.
"WARREN"—Square top, back outlet washout—Summer & Goodwin, Boston, Mass.
"WARSAW"—Low-down wash down—Crane-Hawley Co., Cincinnati, O.
"WARWICK"—Pneumatic syphon—J. L. Mott Iron Works, New York
"WASHITOE"—Embossed, pedestal, front outlet washout—N. O. Nelson Mfg. Co., St. Louis, Mo.
"WATER GAP"—Embossed, square top hopper & trap combined—Owen & Salter, Philadelphia, Pa.
"WATSON"—Trapless, square top hopper—W. S. Cooper Brass Works, Phila., Pa.
"WATSON'S IDEAL"—Square top, back outlet washout—W. S. Cooper Brass Works, Philadelphia, Pa.
"WAVE CREST"—Short hopper & trap—Henry Shane Mfg. Co., Baltimore, Md.
"WAVERLEY"—Front outlet washout—Dececo Co., Boston, Mass.
"WAYNE"—Washout—Detroit Lead Pipe & Sheet Lead Works, Detroit, Mich.
"WEBB"—Washdown metal legs—Webb, F. W. Mfg. Co., Boston, Mass.
"WEEDON"—Trapless, back outlet washout—L. M. Rumsey Mfg. Co., St. Louis, Mo.
"WEEDEN'S"—Henry C. Weeden, Boston, Mass.
"WELSTON"—High washdown—Louis Lipp Co., Cincinnati, O.
"WESTERN"—John Douglas Co., Cincinnati, O.
WESTMINSTER"—Front washout—N. O. Nelson Mfg. Co., St. Louis, Mo.
"WESTWOOD"—Low down syphon—Crane-Hawley Co., Cincinnati, O.
"WHIRLPOOL"—Clapper cistern and valve—J. L. Mott Iron Works, New York
"WHIRLWIND" — Washdown — Detroit Lead Pipe & Sheet Lead Works, Detroit, Mich.
"WILBUR"—Embossed, open trap, front outlet washout—Willetts Mfg. Co., Trenton, N. J.
"WILD WAVES"—Oval top, front washout—W. S. Cooper Brass Works, Phila., Pa.
"WILD WAVES CLUB"—Oval top, front washout—W. S. Cooper Brass Works, Phila., Pa.
"WINDEMERE"—Syphon action—Gallison, W. H., Boston, Mass.
"WINONA"—Low-down, wash down—Crane-Hawley, Cincinnati, O.
"WINONA"—Washout, high—Louis Lipp Co., Cincinnati, O.
"WINTON"—Lowdown syphon jet—Louis Lipp Co., Cincinnati, O.
"WIZARD"—Embossed and plain washout—Columbus Brass Co., Columbus, O.
"WIZARD"—Plain front washout—Robt. Rom Co., Milwaukee, Wis.
"WOODMERE"—Standard Sanitary Mfg. Co., Detroit, Mich.
"WOODSIDE"—Low-down syphon jet—Crane-Hawley Co., Cincinnati, O.
"WYANDOTTE"—Standard Sanitary Mfg. Co., Detroit, Mich.
"WYOMING"—Porcelain, embossed square top, front outlet closet and trap—Haines, Jones & Cadbury Co., Phila., Pa.
"WYOMING"—Embossed, front outlet washout—Thomas Maddock & Sons, Trenton, N. J.

X

"XX CENTURY"—Syphon jet low down—Standard Mfg. Co., Pittsburg, Pa.
"XX CENTURY"—Syphon jet with automatic seat attachment—Standard Sanitary Mfg. Co., Pittsburg, Pa.

Y

"YALE"—Straight hopper—Connolly Specialty Works, Brooklyn, N. Y.
"YELWAH"—Syphon jet—Crane-Hawley Co., Cincinnati, O.
"YONAWANDA"—Square top hopper & trap combined—Haines, Jones & Cadbury Co.
"YUKON"—Enameled iron f. w. o.—Federal Co., Chicago, Ill.
"YUKON"—Embossed syphon jet—Thomas Maddock & Sons, Trenton, N. J., & 51 Cliff, New York
"YUKON"—Twin jet syphon lowdown tank—Webb, F. W. Mfg. Co., Boston, Mass.
"YU NO"—Square top, hopper and trap combined—W. S. Cooper Brass Works, Phila., Pa.

Z

"ZANE"—Sanitary closet—Mowry & Phillips, Boston, Mass.
"ZANE"—Fred Adee Co., New York
"ZENITH"—Syphon jet—McCambridge Co., Phila., Pa.
"ZERO"—Fan wash hopper and flush rim hopper, etc.—Zero Valve & Brass Mfg. Co., Buffalo, N. Y.
"ZIP"—Syphon jet—Standard Sanitary Mfg. Co., Detroit, Mich.
"ZUDOR"—Syphon jet—Fox, W. F. Mfg. Co., Rochester, N. Y.

Water Closets (Anti-Freezing)

Hass, Philip, Dayton, O.
Pittsburg Brass Mfg. Co. ("Payne"), Penn av 32d, Pittsburg, Pa.
Zero Valve & Brass Mfg. Co., 296 Seneca, Buffalo, N. Y.

Water Closets (Low-down Combination)

Colwell Lead Co., 63 Centre, N. Y.
Cooper, Wm. S. Brass Works, 437 N 12th, Phila., Pa.
Dalton-Ingersoll Co., 175 High, Boston, Mass.
Fleck Bros. Co., Phila., Pa.
Fort Pitt Supply Co., 328 2d av, Pittsburg, Pa.
Ideal Mfg. Co., 546 Franklin, Detroit, Mich.
Kelly, Thos. & Bros., W Congress & S 46th av, Chicago, Ill.
Knott-Van Arnam Mfg. Co., Fort Wayne, Ind.
National Supply Co., Toledo, O.
Peninsular Mfg. Co., Ann Arbor, Mich.
Sanitary Mfg. Co., Hamilton, O.

Water Closets (Range)

Millar, Chas. & Son Co. (Washout & Syphon), Utica, N. Y.

Water Closets (School, Institution, etc.)

Adee, Fred. & Co., 90 Beekman, N. Y.
Clow, Jas. B. & Sons, 344 Franklin, Chicago, Ill.
Huber, Henry Co., 244 5th av., N. Y.
Illinois Malleable Iron Co., 30 W Monroe, Chicago
Keenney Mfg. Co., 36 E 22d, New York
Meyer-Sniffen Co., 5 E 19th, New York
Mott, J. L. Iron Works, 88 Beekman, N. Y.
Nelson, N. O. Mfg. Co., 424 N 8th, St. Louis, Mo.
Standard Sanitary Mfg. Co., Arrott bldg, Pittsburg, Pa.

Water Closets (Ship)

Keller, A. E., 136 Beekman, New York
McCambridge & Co. (Ltd.), ("Perfecto"), 523 Cherry, Phila., Pa.

Water Columns or Stations (Railroad)

(See also Towers & Tanks, Water; also Cranes, Locomotive Water.)

American Valve & Meter Co. (Poage's), 1119 Gest, Cincinnati, O.
Best Mfg. Co. (Gulland's Valve & Water Column), Pitsburg, Pa.; 39 Cortlandt, N. Y.; Betz bldg., Phila., Pa., & Sydney, Australia
FAIRBANKS, MORSE & CO., Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S Meridian, Indianapolis; 8th & Clark av, St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul; 220 Nicollet av, Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Ore.; 218 S. W. Temple, Salt Lake City; 133 Liberty, N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Flint & Walling Mfg. Co., Kendallville, Ind.
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Otto Gas Engine Wks., 360 Dearborn, Chicago, Ill.
Sheffield Car Co., Three Rivers, Mich.
Thompson, J. & Co., c Van Horn & Sophia, Phila., Pa.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Vicksburg Mfg. Co., Vicksburg, Mich.

Water Columns (Safety)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.; 35 Dey, New York, & 16 N Canal, Chicago, Ill.
ASHCROFT MFG. CO., THE, 85, 87, 89 Liberty, New York, & 22, 24, 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.
Ashton Valve Co., 271 Franklin, Boston
Belfield, H. & Co., 435 N Broad, Phila., Pa.
Berry Engineering Co., 610 Crosby, Chester, Pa.
Bonar, Jas & Co., Frick bldg, Pittsburg, Pa.
Buckeye Iron & Brass Works, Dayton, O.
Clark Bros. Co., Vicksburg, Mich.
CRANE CO., Est. 1855, Chicago, New York, Phila., St. Louis, Kansas City, Mo.; Sioux City, Los Angeles, San Francisco, Omaha, Portland, Ore.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Crosby Steam Gage & Valve Co., 97 Oliver, Boston; 21 Lake, Chicago, & 78 John, N. Y.
Davis, Jno. Co. (Eclipse), 22d & Halsted, Chicago
Griffing, A. A. Iron Co., Jersey City, N. J.
Illinois Malleable Iron Co., 30 W Monroe, Chicago
Jacobs, Chas. & Co., 41 Oliver, Boston
Jarecki Mfg. Co., Erie, Pa., & Pittsburg, Pa.
Jarvis Engine & Machine Works ("Jarvis, Our Pet"), Lansing, Mich
Kelly & Jones Co., 135 Water, Pittsburg, Pa.; 15 Park Row, N. Y., and 59 Clark, Chicago, Ill. Works, Galesburg, Pa.

Kitts Mfg. Co., Oswego, N. Y.
Lawler Water Feed & Damper Regulator Co., 20 W Houston, New York
Lonergan, J. E. & Co., 211 Race, Phila., Pa.
LUNKENHEIMER CO. General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, N. Y., & 35 Great Dover st, London, S. E., Eng. (See adv. index, end of book)
Michigan Lubricator Co., Detroit, Mich.
Pittsburg Gauge & Supply Co., 309 Water, Pittsburg, Pa.
Powell, Wm. Co., 2529 Spring Grove av, Cincinnati, O.
Queen City Brass & Iron Works, Spring Grove & Garrard avs, Cincinnati, O.
Reliable Water Gauge Co. ("Non-Breakable"), St. Louis, Mo.
Reliance Gauge Column Co. ("Reliance"), 1615 Pine, Cleveland, O.
Schaffer & Budenberg, Brooklyn, N. Y.; 66 John. N. Y., & 27 W Lake, Chicago
Sims Co., Erie, Pa.
Steigert, Leopold, Elder & Logan, Cincinnati, O.
Thomas Brass & Iron Co., Waukegan, Ill.
Thompson, J. & Co., c Van Horn & Sophia, Phila., Pa.
Van Auken-Clevane Co. (U. S. Water Indicator), Yonkers, N. Y.
Western Tube Co. (For House Heating, Boilers, etc.), Kewanee, Ill. Sales Offices, 204 Dearborn, Chicago, Ill.; 15 Park Row, N. Y.; St. Louis, Mo.; Minneapolis, Minn.; San Francisco, Cal., & New Orleans, La.
Williams Gauge Co., Pittsburg, Pa.
Wright Mfg. Co. (The "Wright" Improved), 99 W Woodbridge, Detroit, Mich.

Water Feeders

(See Boiler Feeders.)

Water Filters

(See Filters, Various Kinds.)

Water Gates

(See Valves, Gate, for Water Mains.)

Water Heaters

(See Heaters, Water.)

Water Lifts (Automatic)

(See Motors, Water; also Lifts, Water.)

Water Motors

(See Motors, Water.)

Water Proofing Materials

Viscol Co., 1st st, East Cambridge, Boston, Mass.

Water Softening & Purifying Plants

American Water Softener Co. ("Bruun-Lowener"), 10th & Chestnut, Phila., Pa.
HELWIG MFG. CO., St. Paul, Minn. (See adv. index, end of book)
Kennicott Water Softener Co., Railway Exchange, Chicago, Ill.
Maidag & Drosser Construction Co., 95 Nassau, N. Y
NEW YORK CONTINENTAL JEWELL Filtration Co., 15 Broad, N. Y., & 42 W Quincy, Chicago, Ill. (See adv. index, end of book)
Patterson, D. W. & R. P., 1502 Market, Phila., Pa.
PITTSBURG FILTER MFG. CO., Farmers' Bk bldg, Pittsburg, Pa.
Reisert, Hans, Co., Ltd. (American Branch), 17 Battery pl, N. Y.
SCAIFE, WM. B. & SONS CO., 221 1st av, Pittsburg, Pa. (See adv. below)
United States Wind Engine & Pump Co., Batavia, Ill.

Water Stations (Railroad)

(See Water Columns or Stations, Railroad.)

Water Tanks & Towers

(See Towers & Tanks, Water.)

Water Tight Sheet Piling

WHITTEKIND, H., INTERLOCKING Sheet Piling Co., 28 E Jackson boul, Chicago, Ill. (See adv. index, end of book)

Water Wheels

(See also Turbine Water Wheels.)

Blymyer Iron Works Co. (Overshot), Cinn., O.
Cassel Automatic Water Motor Co., Seattle, Wash.
Doble, Abner Co. (Taugential), 200 Fremont, San Francisco, Cal.
Knight & Co. (100 to 2500 h. p.), Sutter Creek, Cal.
Leffel, Jas. & Co., Springfield, O.
Pelton Water Wheel Co. (Also Direct Connected), 127 Main, San Francisco, Cal., & 143 Liberty, New York
Mine & Smelter Supply Co., Denver, Colo.

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Water Wheels (Over-Shot or Gravity)

Pelton Water Wheel Co., 127 Main, San Francisco, Cal., & 143 Liberty, New York Peoria, Ill.

Wattmeters

Akron Electrical Mfg. Co. (The Packard Recording), Akron, O.
Bristol Co., Waterbury, Conn., & 114 Liberty, New York
Diamond Meter Co. (Scheefer Recording), Peoria, Ill.
Duncan Electric Mfg. Co. (Direct Intergating & Alternating Induction), Lafayette, Ind.
Electric Appliance Co. ("The Guttmann, Intergating Alternating Current), 94 W Van Buren, Chicago
Empire Electrical Instrument Co., 656 Hudson, New York
Fort Wayne Electric Works (Alternating Cur- (See adv. index, end of book)
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, New York. (See adv. index, end of book)
General Inc. Arc Light Co., 529 W 34th, N. Y.
Halsey, Edw. S. (Direct Current Intergrating), 96 Chicago av, Chicago, Ill.
Keystone Electrical Instrument Co., 9th & Montgomery av, Philadelphia, Pa.
Sangamo Electric Co. (Alternating Current Only), Springfield, Ill.
Stanley Instrument Co. (Alternating Current only), Great Barrington, Mass.
Wagner Electric Mfg. Co., 2015 Locust, St. Louis, Mo.
WESTINGHOUSE ELECTRIC & MFG. Co., Pittsburg, Pa. (Direct & Alternating Current). District Offices: New York, Atlanta, Dallas, Baltimore, Boston, Buffalo, Chicago, Cincinnati, Cleveland, Detroit, Los Angeles, Minneapolis, New Orleans, Philadelphia, Pittsburg, St. Louis, Salt Lake City, San Francisco, Syracuse, Seattle, Denver, Mountain Electric Co., Canada; Canadian Westinghouse Co., Limited, Hamilton, Ontario, Mexico, G. & O. Braniff & Co.; City of Mexico. (See adv. index, end of book)
Weston Electrical Instrument Co., Waverly Park, N. J.
Whitney Electrical Instrument Co., Penacook, N. H.

Wattmeters (Prepayment, Recording)

GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, New York. (See adv. index, end of book)

Wax Mfrs. (Cabinet)

Bowdlear, W. H. & Co. (Waxes from all countries), 149 Pearl, Boston
Brown, D. P. & Co., 262 N 4th, Phila., Pa.
Stevanson Bros. & Co., 132 S 2d, Phila., Pa.
Stevenson, Oliver K., 15 N Front, Phila., Pa.
Walton, F. S. & Co., 136 S Front, Phila., Pa.

Wax (Sealing)

Sanford Mfg. Co., Chicago, Ill.

Weather Strips

American Weather Strip Co., 70 Warren, New York
Anderson, Wm. G., Sudbury bldg, Boston, Mass.
Bosley, D. W. Co., 303 Fulton, Chicago, Ill.
Bradstreet, Jay R., 1228 Fillmore, San Francisco, Cal.
Russell Mfg. Co., Middletown, Conn.
Brown, A. B. Co., 31 W 24th, New York
Chamberlin Metal Weather Strip Co. (Metallic), 37 W Congress, Detroit, Mich.
Church, E. I. & Co. (Axle, All Steel), West Hanover, Mass.
Cosper, W. H. Co., 958 N Spaulding av, Chicago, Ill.
Dunfee, J. & Co., 104 Franklin, Chicago, Ill.
Harsha, L. R. Mfg. Co., 793 Carroll av, Chicago, Ill.
Heaton & Wood, 1706 Chestnut, Philadelphia, Pa.
Introstyle Novelty Mfg. Co. ("O. K."), Marietta, O.
King Mfg. Co. ("King's" Automatic), Newton, Ia.
Mann, E., 11 Province ct, Boston, Mass.
May & Freeman (Invisible), 178 Devonshire, Boston, Mass.
Mineralized Rubber Co., 18 Cliff, New York
Motley, Peter (Rubber), 750 S Broad, Phila., Pa.
National Metal Weather Strip Co., 12 N Diamond, Allegheny, Pa.
N. Y. Weather Strip Co., 137 W 23d, New York
Novelty Iron Co., Canton, O.
Oakley, Charles, 140 Dearborn, Chicago, Ill.
Osgood, H. H. & Co., 4 Charlestown, Boston, Mass.
Patent Metallic Weather Strip Co., 133 W 23d, New York
Pfleger Mfg. Co., 958 N Spaulding av, Chicago, Ill.
Prince, W. O., 26 Edinboro, Boston, Mass.
Protective Ventilator Co. 129 Fulton, New York
Reeves Mfg. Co. (Automatic), New Haven, Conn.
Roebuck Weather Strip & Wire Screen Co., 172 Fulton, New York, & 417 Hamilton av, Brooklyn, N. Y.
Roehrig & Jacoby Wall Paper & Carpet Co., 13th & Franklin av, St. Louis, Mo.
Stanfield & Christie, 142 E 4th, Cincinnati, O.
Teackle & Golden (The Golden Metal), 15 Gelman, Detroit, Mich.
Window Swinging Co., Hale bldg, Phila., Pa.
Young Supply Co. (May's Invisible), 237 Broadway, New York

Weather Vanes

Adams, Wm. & Co., 960 N 9th, Phila., Pa.
AMOS, CHARLES CO., 94 W Larned. Detroit, Mich. (See adv. index, end of book)
Barbee Wire & Iron Works, 44 Dearborn, Chicago, Ill., & Lafayette, Ind.
Barnum, E. T. Wire & Iron Works, Detroit, Mich.
Booth, John, 14 N Canal, Chicago, O.
Canton Steel Roofing Co., Canton, O.
Fiske, J. W., 39 Park pl, New York
Gerock Bros. Mfg. Co., 1252 Manchester av, St. Louis, Mo.
Goodwin, Frederick O., 53d & Wyalusing, Philadelphia, Pa.
Henis, Wm. G., 1347 Ridge av, Phila., Pa.
Hum & Leatherman, Pittsburg, Pa.
Jackson & Cook, 318 Market, Philadelphia, Pa.
Jones, M. D. & Co., 71 Portland, Boston, Mass.
Jones, T. W., 18 Fletcher, New York
Kansas City Wire & Iron Works, Kansas City, Mo.
Mott, J. L. Iron Works, 88 Beekman, New York
Mullins, W. H., Salem, O.
SMITH, F. P. WIRE & IRON WORKS. 100 LaLke, Chicago, Ill. (See adv. index, end of book)
SNOW, W. A. & CO. (Copper), 19 Portland, Boston, Mass
TAYLOR & DEAN, 205 Market, Pittsburg, Pa. (See adv. index, end of book)
Thorn Shingle & Ornamental Co., 1227 Callowhill, Phila., Pa
Van Dorn Iron Works Co., 1793 E Madison av, Cleveland, O
Vulcan Co., Detroit, Mich. (See adv. index, end of book)
Washbourne, Edw. G. & Co., 46 Cortlandt, New York
Westervelt, A. B. & W. T., 102 Chambers, New York

Webbing (Cotton)

Buffalo Weaving & Belting Co. (Belting, Halters, Girths, Bridles, Back Bands, Trunk Straps, etc.), Buffalo, N. Y.
Empire Mfg. Co., Lockport, N. Y.
Fletcher Mfg. Co., Providence, R. I.
Hope Webbing Co. (Narrow Woven Fabrics). Providence, R. I.
Pearce, Atkins & Co., Cincinnati, O.
Vogt Mfg. & Coach Lace Co., Rochester, N. Y.

Wedges (Steel)

ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Atha Tool Co., ft Chapel, Newark, N. J.
Collins Co., Collinsville, Conn.
Evansville Tool Works (Coal, Wood Choppers, Falling Stone, etc.), Evansville, Ind.
Falls Mfg. Co. (Splitting), San Francisco, Cal.
Findlay Axe & Tool Co. (Also Iron), Findlay, O.
Fulton Tool Works, Canal Fulton, O.
Hardsocb, Martin Mfg. Co. (Ltd.), 922 South av, Allegheny, Pa.
Harvey, H. H. (Steel for Quarry Work and Woodman), 606 Atlantic av, Boston, Mass.
Hubbard & Co., 62d & Butler, Pittsburg, Pa.
Iron City Tool Works, 32d & Smallman, Pittsburg, Pa.
Klein-Logan Co., S 13th & Breed, Pittsburg, Pa.
Lanz, M. & Sons, 101 S 29th, Pittsburg, Pa.
McInnes Steel Co., Corry, Pa.
Oliver Iron & Steel Co. (Oil Finish), Pittsburg, Pa.
Pittsburg Tool & Drop Forge Co. ("Cheswick," Miners', etc.), Arrott buldg, Pittsburg, Pa.; Works, Cheswick, Pa.
Plumb, Fayette R. (Inc.), Tucker & P. R. R., Fkd., Phila., Pa.
Solid Steel Tool & Forge Co. ("S. T. S."), Farmers' Bank bldg, Pittsburg, Pa.
Standard Axe & Tool Works (Sidelink Saw), Ridgeway, Pa.
Warwood Tool Co., Wheeling, W. Va.
Woodruff, Walter W. & Sons Co. (Axe), Mt. Carmel, Conn.

Wedges (Treenail)

Buena Vista Hardwood Co., Buena Vista, Va.
CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
Palmer, Robert & Son, Ship bldg & Marine Ry. Co., Noank, Conn.
United States Bung Mfg. Co., 50 S 2d, Brooklyn, N. Y. Factory, Cincinnati, O.

Weeders

American Drill Co., Springfield, O.
Aspinwall Mfg. Co., Jackson, Mich.
Bement's, E. Sons (Steel Frame, Spring Teeth, Adjustable Handle & Shaft), Lansing, Mich.
Champion Weeder Co., Friedens, Pa.
Dunham, J. W. & Son, Berea, O.
Eureka Mower Co., Utica, N. Y.
Fanning, Edgar Weeder Co., Calverton, N. Y.
Fuller & Johnson Mfg. Co., Madison, Wis.
Greenville Implement Co., Greenville, Mich.
Hallock Weeder Co. (Anti-Clog), York, Pa.
Janesville Machine Co., Janesville, Wis.
Keystone Farm Machine Co. (Straight Bar or Adjustable, Walking or Sulky), York, Pa.
Lovejoy, H. H. & Son, Cambridge, N. Y.
Munnsville Plow Co., Munnsville, N. Y.
National Drill Co., Cambridge, Ind.
Standard Harrow Co., Utica, N. Y.
Toledo Plow Co. Toledo, O.
Wiard Plow Co. (Adjustable), Batavia, N. Y.

Weeders (Garden)

Allen, S. L. & Co. (Firefly & Farmer), 110 Market, Phila., Pa.
Bateman Mfg. Co. (Iron Age), Grenloch, N. J.
Brown, Hinman & Huntington Co. (Columbus Hand), Columbus, O.
Clark, W. J. Co. (Rapid-Easy), Salem, O.
Continental Tool Co. (Hand), Frankfort, N. Y.
Fuller Mfg. Co. (Daisy Hand), Danvers, Mass.
Jelliff, C. O. & Co. (Universal), Southport, Conn.
Keystone Farm Machine Co. (Adjustable), York, Pa.
Wallingford Mfg. Co., Wallingford, Vt.

Weighers, Loaders & Baggers (Grain)

Advance Thresher Co., Battle Creek, Mich.
American Mfg. Co., Racine, Wis.
Buffalo Pitts Co. ("Niagara" Short Elevator & Bagger & "Perfection" Weigher), Buffalo, N. Y.

Case, J. I. Threshing Machine Co. (Weighers). Racine, Wis.
Eaton, W. T. Mfg. Co. (Weighers & Loaders). 4 Sherman, Chicago, Ill.
Gaar, Scott Co. (Weighers & Baggers), Richmond, Ind.
Geiser Mfg. Co. (Weighers & Baggers), Waynesboro, Pa.
Hart Grain Weigher Co. (Weighers), Peoria, Ill
Huber Mfg. Co., Marion, O.
Hydraulic Press Mfg. Co., Mt. Gilead, O.
Marion Mfg. Co., Marion, O.
Minneapolis Threshing Machine Co. (Baggers). Minneapolis, Minn.
Nichols & Shepard Co. (Weighers, Baggers & Loaders), Battle Creek, Mich.
Northwest Thresher Co., Stillwater, Minn.
Pneumatic Elevator & Weigher Co., Indianapolis, Ind.
Port Huron Engine & Thresher Co., Port Huron, Mich.
Reeves & Co. (Weighers), Columbus, Ind.
Robinson & Co. (Weighers), Richmond, Ind.
Stevens, A. W. Co., Marinette, Wis.
Westinghouse Co. (Weighers), Schenectady, N. Y.
Willias Mfg. Co., Decatur, Ill.

Weighing Machines (Automatic)

(See Machinery.)

Weights (Counter)

King & Andrews Co. (Cast Iron), Chicago Heights, Ill.

Weights (Hitching)

Barber Mfg. Co., Ashtabula, O.
Cheney, S. & Son, Manilus, N. Y.
Koch & Fox (Hitching Blocks), 22d & Glenwood av, Phila., Pa.
Sandage Steel Skein Co., South Bend, Ind.
Weller Hardware & Foundry Co., Horesheads, N. Y.
Western Foundry & Sash Weight Co., St. Louis, Mo.

Welders (Pneumatic Flue)

Draper Mfg. Co. ("McGrath" Welder, Scraper & Swedger), Port Huron, Mich.

Welding (Electric)

Lorain Steel Co. (Street Railway Track), Lorain, O., & Johnstown, Pa.
Standard Welding Co. (Iron & Steel, Thomson Pressed), Cleveland, O.
Thomson Electric Welding Co., Lynn, Mass.
Welded Steel Barrel Corp., Leib c Franklin, Detroit, Mich.

Welding (Falk Process)

Falk Mfg. Co., Milwaukee, Wis, & 79 New Montgomery, San Francisco, Cal.

Welding (Steam Flue)

Fix's, S. Sons, Leonard c Winter, Cleveland, O.

Well Contractors (Artesian & Driven)

(See also Well Supplies, Artesian & Tubular.)

CALIFORNIA.

SAN FRANCISCO—Allingham, Wm. J., 1523 Guerrero
Haley, W. H., 324 Pine
Lowe, Julius W., 126 Kearny
Ray, Michl., 135 A, 6th
Rogers, Josiah B., 1222 Mission

CONNECTICUT.

BRIDGEPORT—Bridgeport Artesian Well Co., 1556 Park av
CROMWELL—Briggs, Hammond & Mullen
GROTON—Hempstead, G. R.
HAMDEN—Bassett, L. L.
HARTFORD—Clark, Eugene R., 49 Oak
Grant, C. L., 58 Belden
Hammond & Mullen, 120 Sargeant
King, H. B., 221 Garden
SEYMOUR—Church, Stephen B.
STAMFORD—Lynch, Albert
STRATFORD—Roberts, E. B.
WESTPORT—Sipperly, E. N.

COLORADO

DENVER—Koogle, A. C., 1455 Wazee

DISTRICT OF COLUMBIA.

WASHINGTON—Adams, C. C., 1524 Norris, n e
Conley, Jno. A., 100 N, s e
Dewitt, Wm. E., Atlantic bldg
Dorsey, Chas. M., 622 12th, n e
Stratford, R. H., 318 Wash'n, Anacostia

GEORGIA.

ATLANTA—Andrews, Perry & Bro., 15 Porter pl
Cotton States Belting & Supply Co., 9 S Broad

ILLINOIS.

AURORA—**AMERICAN WELL WORKS.** (See adv. index, end of book)
BELLEVILLE—Belleville Deep-Well Water Co.
CHICAGO—**AMERICAN WELL WORKS.** (See adv. index, end of book)
Cater & Needham, 688 W Jackson boul
Davis, Jno. R., 2488 W Kinzie
Geiger, S. B., 708 Fisher bldg
Gray, W. H. & Bro., 29 Illinois
Linde, Albert R., 2739 N Harding av
Miller, J. P. Artesian Well Co., 39 Michigan
Needham Water Works Co., 66 W Lake
Siegert, Gottlob T., 1350 W 97th pl
Stellwagen, J. B., 8654 Vincennes rd
Swalley, Frank S., 103 S Canal
Wilson, Howark K., 762 W 12th
Wilson, Levi Well Co., 225 Dearborn
ELGIN—Matters, Thos. P.
HAMPSHIRE—Calkins, Wm.
Gustafson, F. E.
HARMON—Brill & Connor
HARVARD—Roach, M. D.
JOLIET—Falker Wm.
KANKAKEE—Smith, C. W.
LAMOILLE—Risdon, O. D.
LENA—Inman, O. A.
MARENGO—Bright, Thos. (Driven Wells)
MELVIN—Phillips, Geo.
MORRIS—Van Asdlen. Wm.
PEORIA—Lockwood Tubular Well Machine Co.
ROCKFORD—Dempsey & Agnew

INDIANA.

ELKHART—Stutzman, Rinard
ELWOOD—Etchison Bros.
EVANSVILLE—Grote Mfg. Co.
FT. WAYNE—Spice, Robt., 48 W Main
INDIANAPOLIS—Bishop, L. P., 723 N New Jersey
Brant, Chas. P. (Gas), 3321 N Meridian
Butty, F. C., Capitol & Ind avs
Clark, Hy. H., 1534 Martindale av
Dolby, Jas. H., 401 E Wash
Gilchrist, Hector M. (Gas), Majestic bldg
Gilchrist, Jas T. (Gas), 604 Buchanan
Krauss, Chas., 31 S Penn
Treeter, P. H., 1109 Lex av
Zeisler, Wm., 1114 W Ray
LOGANSPORT—Hayworth, Wm. H.
Linton & Graf
VALPARAISO—Beach, M. J.

IOWA.

DES MOINES—Marsh, Peter
DUBUQUE—Gibbs, Chas.
VILLISCA—Mackley & Parker

KANSAS.

McPHERSON—Rask, P. W.

KENTUCKY.

LOUISVILLE—Anderson, Jas., 514 2d
Beechum, G. W. ,220 35th
Bridges, John, 1312 Preston
Spaulding, Louis, 2460 Bland

LOUISIANA.

JENNINGS—Lorisiana Machine & Well Co.

MAINE.

PORTLAND—Dockendorff, Walter 16 Irving
Trask, Wilbur F., 10 Hersey

MARYLAND.

BALTIMORE—Balto. Arteseian Well Co., 1519 Friendbury pl
Brack, Christian, Jr., 1820 E Eager
Della, Andw. J., 2 St. Paul
Downin Artesian Well & Construction Co., 26 E Fayette
Downing, C. W., 529 Roland av
O'Donovan, E. C., 118 W 24th, n

MASSACHUSETTS.

ARLINGTON—Johnson, Geo. H.
BOSTON—Basford, F. A., 236 Congress
Church, Stephen B., High St
Clark, Edw A., 170 Summer
Coates, H. S. & Co., 209 Wash'n
Feeley, Jas. E., 43 S Market
HEALY, P. J. & CO., 231 Wash'n, Boston, Mass. (See adv. index, end of book)
Morton & Waugh, 17 Federal
Smith, B. F. & Bro., 38 Oliver
Smith & Thayer Co., 236 Congress
EAST LONGMEADOW—Champlin, F. A.
FALL RIVER—Hopkins, Wm. I., 13 Rock
LYNN—Heath, Henry W., 418 Wash'n
Quinn, M. L. & Co., 21 State
SHERBORN—McFarland, Fred (Drilled or Driven)
WORCESTER—Allen, D. W., 518 Main
Carrick, G. W., 20 Hancock
Patterson, G. W., 79 Locust av
Tompkins, H. M. & Son, 9 Gardner

MICHIGAN.

BAY CITY—Coryell Drilling Co.
BEULAH—Snell & Denson
KALAMAZOO—Kalamazoo Tubular Well Co. (A. R. Trowbridge, Prop.)
MILFORD—Kenney, A. B.

MINNESOTA.

LEWISTON—Greer & Peters
MABEL—Onsgard, G. & T.
MAZEPPA—Bright, A F.
MINNEAPOLIS—Johnson, Chris., 2221 N Penn av
McCarthy, Jno. F., 209 Central av
Moore, J. A., 2828 18th av, S
Swenson, S., 256 Plymouth av
OWATONNA—Abernethy Bros.
Stewart, F. H.
ST. PAUL—Affolter & Salverda, 1134 Rice
Carey, A. J., 223 Concord
Hoffman, John, 1086 Hazzard av
Keys, G. W., 413 N Lexington av
St. Paul Well Co., 503 Bradley
Salverda, H. C., 1325 N St. Albans

MISSOURI.

CENTRALIA—Bowman, A. D.
KANSAS CITY—Brinton Pump & Plumbing Co., 555 Walnut
Brockett, C. A. Cement Co., 121 W 8th
Chase, O. L. Mercantile Co., 1423 W 9th
Daly, H. G., 121 W 8th
Dempster Mill Mfg. Co., 1322 N 11th
Harsha, J. D., 1404 Eastern
Newton & Adams, 3112 E 18th
Pryor, W. S., 612 E 8th
Wilson, D. & Co., 1332 Grand av
Wright, C. A., 4109 Cherry
ST. LOUIS—Active Improvement Co., 4017 Green Lea pl
Anshutz & Wise, 2544 N Grand av
Brant, C. P. & Co., Houser bldg
Carter Artesian Well Co., 211 N 7th
Cook Well Co., 15 S 4th
Creely, Geo., 3523 N 25th
National Well Drilling Co., 2856 Benton
Steinsick, H. W., 4321 Prairie av

NEW HAMPSHIRE.

PORTSMOUTH—Paul, W. E.

NEW JERSEY.

BLOOMFIELD—Hetzel, Fred
CAMDEN—Barr, W. C., 722 S 4th
FLEMINGTON—Stothoff Bros.
JERSEY CITY—Pierce Well Engineering & Supply Co., 156 Bay
NEWARK—Conlan, P. H. & J., 253 Lafayette
Connolly, A. J., 100 S 10th
Dean, Geo. D., 256 N 7th
Smith, J. J., 49 Littleton av
RED BANK—Matthews Bros.

NEW YORK.

FORKS—Stock, Jno. H. & Son
GERMANTOWN—Germantown Artesian Well Co.
MONTICELLO—Selleck, Jno.

NEW YORK CITY.

Borough of Brooklyn.

BROOKLYN—Bushman, Jos. W., E Parkway n Utica av

Borough of Manhattan & Bronx.

NEW YORK—**AMERICAN WELL** Works, 2 Stone. (See adv. index, end of book)
Bacon Air Lift Co., 92 William
Carter, Ralph B., 26 Cortlandt
Cole Bros., 102 Fulton
Ford, Isaac H., 104 Fulton
Gregory, Elisha, 123 Liberty
Heerdegen, Jno., 44 B'way
Manhattan Hydraulic Co., 25 John
Miller, F. W., 104 Centre
Phillips & Worthington, 136 Liberty
Pierce Well Engineering & Supply Co., 136 Liberty
STAR DRILLING MACHINE CO. (Isaac H. Ford, Eastern Manager), 104 Fulton. (See adv. index, page 1200)

Borough of Queens.

EVERGREEN—Zeller, Jno.
LONG ISLAND CITY—Allen, Saml. H., 513 B'way
Sweeney & Gray, 81 6th

Borough of Richmond.

STAPLETON—Lockwood & Co.

(END OF NEW YORK CITY.)

ROCHESTER—Westfall, Wm. S., 16 Third
Wright, Frank W., Campbell pl, Lyell av
SCOTTSVILLE—Jenkins, E. A.
STANLEY—Booth, F. A. Co.
STONY BROOK—Rogers, T. B.
SYRACUSE—Cadin, Martin, 210 W Division
WHITE PLAINS—Randall, J. W.

OHIO.

AKRON—Star Drilling Machine Co.
CINCINNATI—Hendrigsman, Wm., & Co., 2937 Colerain av
McGowan, Jno. H. Co., 56 Central av
CLEVELAND—Duff Bros., Williamson bldg
Turk, D. W., 43 Claasen
COLUMBUS—Douglass, G. W., 519 E. Starr av
Neuner, Chris, 873 Mohawk
Rockey, D. R. & Son, 275 E Main
Still & Baker, 891 N. High
DAYTON—Rockey, H. S.
Teeter, Jno. K. & W. G., N Salem av
Webbert, Chas., 1121 W 3d
Wheatley, H. D. Co., 32 W Franklin
SPRINGFIELD—Ballentine, H. M., 140 W Main
Evilsizor, S. A., 90 W Main
Messer, Jacob A., 52 W Main
TOLEDO—Banting Machine & Supply Co., 116 Superior
Philipps, Henry Seed & Implement Co., 115 St. Clair

OREGON

PORTLAND—Clifford, Saml., 346 Eugene
Rider, W. A., 469 E Burnside

PENNSYLVANIA.

ALLEGHENY—Allen, J. M., 28 Ellis av
BERWYN—Leamy, Frank W.
CANONSBURG—Crane, D. W.
DELTA—Sidwell, C. W.
HAMORTON—Waterman Bros.
JEANNETTE—Kappenberger, G. W.
JENKINTOWN—Harper, Thos. B.
MYERSTOWN—Myres Bros.
No. WALES—Schrawder, David N.
PHILADELPHIA—Andrews, Perry, 15 Porter pl
Dietz, Christian, Front c Luray
Flaghouse & Beeson, 1548 Ruan, Fkd.
Harper, Thos. B., 40 N 7th
McClellan & Reese, 2d St. Park, Fox Chase
Orcutt, Geo. H., 130 S 6th
Robinson, J. E., 13 S 45th
Rulon, Jno. B., 321 Vine
PITTSBURG—Allen, J. M., 132 9th
Columbia Drilling Co. (Also Oil & Gas Wells), Westinghouse bldg
Darrah, A. C., 211 Water
Hartman & Gallagher, Keystone bldg
Kohl, E. S., 7633 Bennett
Mars Drilling Co., 255 5th av
SALUNGA—Meyers, Edw. G.
SCRANTON—Brennan, J. A., Drilling Co.
SPRING CITY—Mowrey, Saml. R.
UNIONTOWN—Reynolds, Lyman W.
WILKINSBURG—Penna. Drilling Co.

RHODE ISLAND.

NARRAGANSETT PIER—McInnes, David
PROVIDENCE—Artesian Well & Supply Co., 137 Dyer
Barker, Roy S., 141 Allens av
Grant, C. L., 17 Byron
Lunt, Moss & Co., 45 Eddy
Patt, D. M., & Co., 75 Westminster
Potter, Jerome, 33 Canal
Russell, E., Artesian Well Co., 45 Olney

SOUTH CAROLINA.

CHARLESTON—Hughes Specialty Well Drilling Co., 174 Queen
Kramer, B. F., 69 Meeting

TENNESSEE.

MEMPHIS—Beloate, J. N., 579 Cox av
Browne & Borum, 254 2d
Goldberry, Albert, 1314 McLemore av

TEXAS.

DALLAS—**AMERICAN WELL WORKS.** (See adv. index, end of book)
FORT WORTH—Hamilton, A. J., 404 W 14th
GALVESTON—Elder, L. V., 212 Tremont

VIRGINIA.

RICHMOND—Sydnor, W. W., 1412 E Franklin

WEST VIRGINIA.

BERKLEY SPRINGS—Kees & Michel

WISCONSIN.

ADELL—Forbes, Geo. W.
Horn, Fred
BARABOO—Clark, F. B.
BEAVER DAM—Roller, J. V.
BLOOMINGTON—Stark, W. H.
BYRON—Fink & Martin
CEDARBURG—Heckler, E.
CHILTON—Harper & Son
DE PERE—Gowey, A. L.
FOUNTAIN CITY—Freid & Co.
GENOA JUNCTION—Miller's, W. J., Sons.
HIGHLAND—Chatt & Burns.
HILLSBORO—Bailey, E. I.
HIXTON—Chandler & Dell
HUSTISFORD—Dornfeld Bros.
INDEPENDENCE—Bautch, A. J., Pump Co.
JUNEAU—Brenski, Jno.
KAUKAUNA—Black, J. M.
Faust, J. J., & Co.
KOHLER—WITTINGER, J.
LIME RIDGE—Wheeler, Wm.
LODI—Michael Bros.
MACFARLAND—Johnson, Oscar
MADISON—Eastman, Jno. A.
MILWAUKEE—Bauer, Jacob, 373 21st av
Bauer, Peter, 323 21st av
Butler, Thos., 2015 Clybourn
Deegan, Jno., 248 36th
Egelhoff, Theo., 481 19th av
Fischer, Carl, 782 11th av
Gray, Frank M., 218 15th
Nickel, Hy., 1171 Bremen
Notbohm, Theo. M., 380 Greenfield av
Porath, Albert J., 901 8th av
Reiss, Valentine, 588 11th av
Tolzmann, Chas., 2217 Lloyd
Ziemann, Albert, 1070 23d av
MINERAL POINT—Stover, A. D.
NORWALK—Bergman, C. W., & Co.
ONTARIO—Walker, Lewis R.
PLYMOUTH—Wolf, Henry F.
POYNETTE—Eagan, Thos.
SHIOCTON—Budd, H. S.

Well Supplies (Artesian & Tubular)

(See also Machinery, Well Drilling.)

AMERICAN WELL WORKS, Aurora, Ill., U. S. A.; Chicago, Ill.; Dallas, Tex., & 2 Stone, New York. (See adv. index, end of book)

Wharf Builders

(See Dock Builders.)

Wheel Truing Device

Whitney Mfg. Co. (For Water Tool Grinders), Hartford, Conn.

Wheelbarrow Mfrs.

(See also Barrows, Various Kinds.)

Akron Cultivator Co. (Steel), Akron, O.
American Fork & Hoe Co. (Steel & Wood), Main Office, Cleveland, O. Export Office, 11 B'way, New York. Factories: Ashtabula, O.; Wallingford, Vt.; Binghamton, N. Y.; St. Johnsbury, Vt.; Girard, Pa.; Fkd, Phila., Pa.; Utica, N. Y., & Willoughby, O.

American Steel Scraper Co. (Steel), Sidney, O.
Ames Plow Co., Quincy Hall, Boston
ANDERSON, W. H. & SONS, Detroit, Mich. (See adv. index, end of book)
Archer Iron Works (Steel, All Kinds), 34th pl & Western av boul, Chicago, Ill.
Arnold-Creager Co. (Brick), New London, O.
Atlas Bolt & Screw Co., Marquette, opp. Hamilton, Cleveland, O.
Biggs Boiler Works Co., Akron, O.
Bodley Wagon Co., Memphis, Tenn.
Bryan Mfg. Co. (Steel, etc.), Bryan, O.
Buch's, A. Sons (Wood), Elizabethtown, Pa.
Buffalo Scale Co., Buffalo, N. Y.
Chattanooga Wheelbarrow & Mfg. Co., Chattanooga, Tenn.
Clark, W. J. Co., Salem, O.
Cockburn Barrow & Mach. Co., Jersey City, N. J.
Consolidated Iron Works (Iron & Steel), Hoboken, N. J.
CONTRACTORS' TOOL CO., 704 Arch, Phila., Pa. (See adv. index, end of book)
Dederick's, P. K. Sons, Albany, N. Y.
Defiance Box Co. (Wood), Defiance, O.
Dubuar, J. A. Mfg. Co. (Wooden), Northville, Mich.
Eagle Machine Co., Lancaster, O.
FAIRBANKS, MORSE & CO. (Railroad, Canal, etc.), Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, cinnati; 99 Water, Cleveland; 103 Jefferson, Detroit; 519 Main, Louisville; 140 S. Meridian, Indiapolis; 8th & Clark av., St. Louis; 1217 Union av., Kansas City, Mo.; 234 E 3d, St. Paul 220 Nicollet av., Minneapolis; 102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Ore.; 218 S. W. Temple, Salt Lake City; 133 Liberty. N. Y.; 126 Southwark, S. E., London, Eng. (See adv. index, end of book)
Farquhar, A. B. Co. (Ltd.), York, Pa.
FOCHT, GEORGE SONS (Steel), 119 Adams, Hoboken, N. J. (See adv. index, end of book)
Goshen Wheelbarrow Works, Goshen, Ind.
Hake Mfg. Co. (Wood), Grand Rapids, Mich.
Havana Metal Wheel Co. (Steel), Havana, Ill.
Holyoke Steam Boiler & Iron Works (Wrought iron), Holyoke, Mass.
Hunt, C. W. Co., West New Brighton,, N. Y., & 45 Broadway, New York
Jackson Mfg. Co. (Steel), Harrisburg, Pa.
Jones & Laughlin Steel Co., Pittsburg, Pa.; 220 Broadway, New York, & 32 W Lake, Chicago
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Keystone Farm Machine Co. (Garden), York, Pa.
Kilbourne & Jacobs Mfg. Co. (Steel), Columbus, O.
KOPPEL, ARTHUR (Steel), 68 Broad, New York. (See adv. index, end of book)
Lansing Wheelbarrow Co. (Steel & Wood), Lansing, Mich.
McWinnie, Thomas (Wooden), Poughkeepsie,
Michigan Wheelbarrow & Truck Co., Saginaw, Mich.
New York Wheelbarrow Co., 180 West, N. Y.
Puffer-Hubbard Mfg. Co., Minneapolis, Minn.
Pugsley & Chapman, 180 West, New York
Rockwell, S. L. & Son (Wood), Jordan, N. Y.
Scott & Oliver Mfg. Co., Knoxville, Tenn.
Shumaker Bros. & Nixon (Garden), Castile, N. Y.
Sidney Steel Scraper Co. (Wood & Steel Frame), Sidney, O.
Southern Foundry & Machine Works, Fredericksburg, Va.
Sterling Wheel Barrow Co. (Roller Bearing, Garden, Mortar, Concrete & Contractors, etc.), Milwaukee, Wis.
Steubner, G. L., Long Island City, New York
Syracuse Chilled Plow Co. (Steel & Wood), Syracuse, N. Y.
Tanner, D. F. (Garden, etc.), Holland, N. Y.
Thomas G. W. Co., Toledo, O.
Toledo Steel Wheelbarrow Co., Toledo, O.
Walker, E. W. & Stutz Co. (Wood), Goshen, Ind.
West Side Foundry Co., Watervliet, Troy, N. Y.
Whitman Agricultural Co. (Wood), St. Louis, Mo.
Withington & Cooley Mfg. Co. (Wood), Jackson, Mich.
Zering, H. Mfg. Co., 218 Charles, Cincinnati, O.

Wheel Scrapers

(See Road Scrapers, Drag & Wheel.)

Wheels (Ball Bearing)

Gardner Sash Balance Co. (For all Purposes), 164 Dearborn, Chicago, Ill.
M'CABE HANGER MFG. CO., 425 W 25th, New York. (See adv. index, end of book)

Wheels (Buffing & Polishing)

(See also Buffing & Polishing Machines.)

Bacon Bros., Winchester, Mass.
Besly, Chas. H. & Co. (Pneumatic Polishing), 15 Clinton, Chicago, Ill.
Bickford & Francis Belting Co., 53 Exchange, Buffalo, N. Y.
Bridgeport Safety Emery Wheel Co., Bridgeport, Conn.
Builders' Iron Foundry, Providence, R. I.
Diamond Machine Co., Providence, R. I.
Divine Bros. Co. (The Compass), Utica, N. Y.
Divine, W. H., & Co., Capron N. Y.
Foot Mfg. Co. (Sheepskein, Solid Bull Neck Leather, Challenge Canvass, etc.), Jersey City, N. J.
Gesswein, F. W. Co., 39 John, New York
Hanson & Van Winkle Co., 219 Market, Newark, N. J.; 136 Liberty, N. Y., & 30 S Canal, Chicago, Ill.
Northampton Emery Wheel Co., Leeds, Mass.
Norton Emery Wheel Co., Worcester, Mass.
Radial Thread Buff Co., So. Windham, Conn.
Rockwood Mfg. Co. (Paper), Indianapolis, Ind.
Springfield Mfg. Co., Bridgeport, Conn.
Standard Emery & Supply Co., Easton, Pa.
Star Corundum Wheel Co. (Ltd.), Detroit, Mich.
Sterling Emery Wheel Mfg. Co., Tiffin, O.
Thayer's, Ellis Son, Pawtucket, R. I.
Tingue, Brown & Co., 99 Chambers, New York
Zucker & Levett & Loeb Co., 528 W 25th, New York

Wheels (Car)

Allis-Chalmers Co., New York Life bldg, Chicago, Ill. Works: Chicago, Milwaukee, Wis., & Scranton, Pa.
American Car & Foundry Co., 706 Chestnut, St. Louis, Mo., & 25 Broad, New York
American Steel Foundries, Main Office, 74 B'way, New York; Fisher bldg, Chicago, Ill.; St. Louis, Mo., & Frick bldg, Pittsburg, Pa.
Atlanta Car Wheel & Mfg. Co. (Chilled), Atlanta, Ga.
Baltimore Car Wheel Co., Patterson av. & Payson, Baltimore, Md.
Barney & Smith Car Co., Dayton, O.
Barnum-Richardson Co., Lime Rock, Conn.
Bass Foundry & Machine Co., Fort Wayne, Ind.
Belleville Pump & Skein Works, Belleville, Ind.
Bloomsburg Car Mfg. Co., Bloomsburg, Pa.
Boston Car Wheel Co. (Street & Steam), Chelsea, Mass., & Boston, Mass.
Brill, J. G. Co., 62d & Woodland av, Phila., Pa.
Brown Car Wheel Works, Howard, c Thomas, Buffalo, N. Y.
BUDA FOUNDRY & MFG. CO., Harvey, Ill., & Railway Exchange bldg, Chicago, Ill. (See adv. index, end of book)
Catawissa Car & Foundry Works (Up to 24 inches with or without axle), Catawissa, Pa.
Central Car Wheel Co. (Chilled Iron), Frick bldg, Pittsburg, Pa., & McKees Rocks, Pa.
Central Foundry & Car Co., Iroona, Pa.
Chattanooga Car & Foundry Co., Chattanooga, Tenn.
Chester Steel Castings Co., Chester, Pa., & 407 Sansom, Philadelphia, Pa.
Connellsville Machine & Car Co., Connellsville, Pa.
Davis Locomotive Wheel Co., Ft. Worth, Tex.
Decatur Car Wheel & Mfg. Co., Birmingham, Ala.
Dickson Car Wheel Co. (Chilled Car & Engine), Houston, Tex.
Dora Foundry, Car Wheel & Machine Co., Pulaski, Va.
Etting, Edw. J. ("Car & Locomotive"), Land Title bldg, Phila., Pa., & 39 Cortlandt, New York
Ford & Kimball, Concord, N. H.
Fort Madison Iron Works, Fort Madison, Ia., & Chicago, Ill.
Fort Wayne Foundry & Machine Co. (Car, Engine, Truck, Tender & Driving), Ft, Wayne, Ind.
Green's Car Wheel Mfg. Co., 3018 N Broadway, St. Louis, Mo.
Griffin Wheel Co., Main office, 138 Jackson boul, Chicago, Ill.
Kilbourne & Jacobs Mfg. Co., Columbus, Ohio
KOPPEL, ARTHUR, 68 Broad, New York, N. Y. (See adv. index, end of book)
Laconia Car Co. Works, Laconia, N. H., & 131 State, Boston, Mass.
Lansing Wheelbarrow Co., Lansing, Mich.
Lehigh Car Wheel & Axle Works, Fullerton, Pa.
Lima Locomotive & Machine Co., Lima, O.
Lobdell Car Wheel Co., Wilmington, Del., & Rural Retreat, Va.
Louisville Car Wheel & Railway Supply Co., 308 5th, Louisville, Ky.
Manistee Iron Works Co., Manistee, Mich.
Marshall Car Wheel & Foundry Co., Marshall, Tex.
Maryland Car Wheel Works, 44 South, Baltimore, Md.
Montreal Car Wheel Works, Montreal, Que., Canada
Mt. Vernon Car Mfg. Co., Mt. Vernon, Ill.
Mowry Car Wheel Works, 2401 Eastern av, Cincinnati, O.
National Car Wheel Co. (Chilled Iron), 35 Nassau, New York; Sayre, Pa.; Park bldg, Pittsburg, Pa., & Cleveland, O., & Rochester, N. Y.
Nelsonville Foundry & Machine Co. (Capless), Nelsonville, O.
New York Car Wheel Co. (All Kinds), German Ins. bldg, Buffalo, N. Y., & 771 G'wich, N. Y.
Peacock's Iron Works, Selma, Ala.
Peckham Mfg. Co., 26 Cortlandt, N. Y.
Penna. Car Wheel Co., 499 Preble, Allegheny, Pa.
Pennsylvania Malleable Co., McKees Rocks, Pa.
Portage Lake Foundry & Machinery Co. (Chilled), Hancock, Mich.
Ramapo Car Wheel Co., Ramapo, N. Y.
Ramapo Iron Works, Hillburn, N. Y.
Reading Car Wheel Co., Ellicott sq, Buffalo, N. Y.
Risdon Iron Works, San Francisco, Cal.
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
St. Louis Car Wheel Co., Spring av & Mo. Pac. Ry., St. Louis, Mo.
St. Paul Foundry Co., St. Paul, Minn.
Sanford-Day Iron Works, Knoxville, Tenn.
Sheffield Car Co. (Wrought, Steel & Cast), Three Rivers, Mich.
South Baltimore Steel Car & Foundry Co., Baltimore, Md., & 11 B'way, N. Y.
Standard Car Wheel Co. (Chilled), Bessemar av. & Todd, Cleveland, O.
Standard Wheel Works, 1502 Market, Phila., Pa., & 71 B'way, N. Y.
Steiger & Kerr, San Francisco, Cal.
Sullivan Machinery Co., 135 Adams, Chicago, Ill.
Taylor Iron & Steel Co., High Bridge, N. J.
Thatcher, Geo. H. & Co., Albany, N. Y.
Tredegar Co., Richmond, Va.
Vulcan Iron Works, Wilkesbarre, Pa.
Wason Mfg. Co., Brightwood, Springfield, Mass.
Watt Mining Car Wheel Co., Barnesville, O.
Wheeler Forged Steel Wheel Co., Harrisburg, Pa.

Wheels (Car Ball or Roller Bearing)

BUDA FOUNDRY & MFG. CO., Harvey, Ill., & Railway Exchange bldg, Chicago, Ill. (See adv. index, end of book)

Wheels (Car Insulated)

BUDA FOUNDRY & MFG. CO. (For Electric Block Signals with Track Circuit), Harvey, Ill., & Railway Exchange bldg, Chicago, Ill. (See adv. index, end of book)

Wheels (Caster)

Sommer's, Jno. Son (Wooden), Newark, N. J.
Williams & Marvin Mfg. Co. (Wood), Deep River, Conn.

Wheels (Chilled Bridge)

Lobdell Car Wheel Co., Wilmington, Del.

Wheels (Counter & Register)

Grant Mfg. & Machine Co., Bridgeport, Conn.
Peacock's Iron Works, Selma, Ala.

Wheels (Driving)

American & British Mfg. Co., Providence, R. I., & Bridgeport, Conn.
Baltimore Car Wheel Co., Patterson av. & Payson, Baltimore, Md.
Chester Steel Castings Co., Chester, Pa., & 407 Sansom, Phila., Pa.
Falk Co., ft 30th, Milwaukee, Wis., & 79 New Montgomery, San Francisco, Cal.
Lehigh Car Wheel & Axle Works, Fullerton, Pa.
National Car Wheel Co., 35 Nassau, N. Y.; Park bldg, Pittsburg, Pa.; Cleveland, O., & Sayre, Pa.
New York Car Wheel Co., 15 Forest av, Buffalo, N. Y., & 771 Greenwich, New York
Ramapo Iron Works, Hillburn, N. Y.
Sullivan Machinery Co., 135 Adams, Chicago, Ill.
Wason Mfg. Co., Brightwood, Springfield, Mass.
Whitney, A. & Sons, Betz bldg, Phila., Pa.

Wheels (Driving, Steel Tired)

(See Wheels, Steel Tired Car.)

Wheels (Fifth)

Bradley, C. C. & Son, Syracuse, N. Y.
Columbus Bolt Works, Columbus, O.
Dayton Malleable Iron Co., Dayton, O.
Eberhard Mfg. Co., Cleveland, O.
Keystone Forging Co., Northumberland, Pa.
Millersburg Fifth Wheel Co., Millersburg, Pa.
National Mfg. Co., Lancaster, Pa.
Selle Gear Co., Akron, O.
Wilcox, D., Mfg. Co. (Full Line), Mechanicsburg, Pa.

Wheels (Fly)

Allis-Chalmers Co., Home Ins. bldg, Chicago, Ill. Works, Chicago, Milwaukee, Wis., & Scranton, Pa.
Bates Machine Co., Joliet, Ill.
BROWN, A. & F. CO., 25 Dey, New York. (See adv. front colored page)
Cooper, C. & G. Co., Mt. Vernon, Ohio
Cresson, Geo. V. Co., Allegheny av W of 17th, Phila., Pa., & 141 Liberty, N. Y.
Diamond State Fibre Co., Elsmere, Del.
Dodge Mfg. Co., Mishawaka, Ind.; 45 Dey, N. Y.; 168 S Clinton, Chicago, Ill.; 137 Purchase, Boston, Mass., & Cinn., O.
Eastwood Wire Mfg. Co., Belleville, N. J.
FILER & STOWELL CO., Becher & Ziemer, Milwaukee, Wis. (See adv. index, end of book)
Goodnow, L. H. Fdy. Co., Fitchburg, Mass.
Great Lakes Engineering Works, Rivard st. & Detroit River, Detroit, Mich.
Howland-Sherman Mfg. Co. (Non-explosive), Calvert bldg., Baltimore, Md.
Jones & Laughlin Steel Co., Pittsburg, Pa.; 220 B'way, N. Y., & 32 W Lake, Chicago
Link Belt Machinery Co. (Fly Wheels), 39th & Stewart av, Chicago, Ill.
Medart Patent Pulley Co. (Fly Wheels), 3500 De Kalb av, St. Louis, Mo.
Nordberg Mfg. Co., 476 Virginia, Milwaukee, Wis.
Philadelphia Roll & Machine Co., S 23d & Wash'n av, Phila., Pa.
Poole Engineering & Machine Co., Woodberry Station, Baltimore, Md.
Porter Foundry & Machine Co., Allegheny, Pa.
Scaife Foundry & Machine Co., 28th & Smallman, Pittsburg, Pa.
Southwark Foundry & Machine Co., Phila., Pa.
Vulcan Iron Works, Wilkesbarre, Pa.
Williamsport Clutch & Pulley Co., Williamsport, Pa.

Wheels for Dry Kilns

Bates Forge Co., Indianapolis, Ind.
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. indcx, end of book)

Wheels for Traveling Cranes

AMERICAN BRAKE SHOE & FOUN-dry Co., Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)
Lobdell Car Wheel Co. (Chilled & Double Flange), Wilmington, Del.
New York Car Wheel Co., 15 Forest av, Buffalo, N. Y., & 771 G'wich, New York
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)

Wheels (Gear, Hard Fibre)

American Vulcanized Fibre Co., Wilmington, Del.
Delaware Hard Fibre Co., Wilmington, Del.
Diamond State Fibre Co., Elsmere, Del.
Kartavert Mfg. Co., Md. av & Beach, Wilmington, Del.

Wheels (Granite Polishing)

Whitcomb Bros. (Wrought Iron & Steel), Barre, Vt.

Wheels (Hand)

Franklin, H. H., Mfg. Co. (Finished Casting), Syracuse, N. Y.

Wheels (Hand & Push Car)

Atlas Bolt & Screw Co., Cleveland, O.
Barnum & Richardson Mfg. Co., 64 S Jeffn., Chicago, Ill.
Baugher, Kurtz & Co. (Ltd.), York, Pa.
BUDA FOUNDRY & MFG. CO., Har-vey, Ill., & Railway Exchange bldg, Chicago, Ill. (See adv. index, end of book)
Kalamazoo Railway Supply Co., Kalamazoo, Mich.
Lansing Wheelbarrow Co., Lansing, Mich.
Lobdell Car Wheel Co., Wilmington, Del.
New York Car Wheel Co., 15 Forest av, Buffalo, N. Y., & 771 Greenwich, N. Y.
Peacock's Iron Works, Selma, Ala.
Roberts Car & Wheel Co. (Pressed Steel, Etc.), Three Rivers, Mich.
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (Sce adv. index, end of book)
Sheffield Car Co., Three Rivers, Mich.
Whitney, A. & Sons, Betz bldg, Phila., Pa.

Wheels (Logging Car)

AMERICAN BRAKE SHOE & FOUN-dry Co.; Mahwah, N. J.; 170 B'way, New York, & Western union bldg, Chicago, Ill. (See adv. index, end of book)
BUDA FOUNDRY & MFG. CO., Har-vey, Ill.; & Railway Exchange bldg. (See adv. index, end of book)
Butterworth & Lowe, Grand Rapids, Mich.
Diamond Iron Works, Minneapolis, Minn.
Holt Mfg. Co., Stockton, Cal.
Kilby Locomotive & Machine Works, Anniston, Ala.
KOPPEL, ARTHUR, 68 Broad, New York, N. Y. (See adv. index, end of book)
Lansing Wheelbarrow Co., Lansing, Mich.
Lobdell Car Wheel Co., Wilmington, Del.
Medart Patent Pulley Co. (Lumber Truck), 3500 De Kalb av, St. Louis, Mo.
Overpack, S. C. (9 to 10 Feet), Manistee, Mich.
Patersburg Iron Works Co., Petersburg, Va.
Peacock's Iron Works, Selma, Ala.
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
Sheffield Car Co., Three Rivers, Mich.
Studebaker Bros. Mfg. Co., South Bend, Ind.

Wheels (Metal)

Archer Iron Works (All Kinds), 34th pl & Western av, Chicago, Ill.
Baker, A. D. Co., Swanton, O.
Bettendorf Metal Wheel Co., Davenport, Ia., & Springfield, O.
Bush, Clement, Quincy, Ill.
Cannon Metal Wheel Works, Pontiac, Mich.
Electric Wheel Co. (Steel Wagon, Cart, etc.), Quincy, Ill.
Empire Mfg. Co., Quincy, Ill.
Farmers' Handy Wagon Co., Saginaw, Mich.
Fuller & Johnson Mfg. Co., Racine, Wis.
Geneva Metal Wheel Co., Geneva, O.
Heartley Machine Variety Iron & Tool Works (Children's Carriage, Wheelbarrow, Implements, Etc.), Toledo, O.
Havana Metal Wheel Co., Havana, Ill.
Lansing Wheelbarrow Co., Lansing, Mich.
Little, J. R. Metal Wheel Co., Quincy, Ill.
Newton Steel Wheel Co. ("Newton," Steel), Kalamazoo, Mich.
Niles & Scott Co., Laporte, Ind.
Peru Plow & Wheel Co., Peru, Ill.
Quincy Corn Planter Co., Quincy, Ill.
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
Toledo Metal Wheel Co., Toledo, O.
Weston-Mott Co. (Steel Wire), Utica, N. Y.
Whiteside Wheel Co. (Ltd.) (Elastic Steel), Grand Rapids, Mich.

Wheels (Mine Car)

Allis-Chalmers Co., Home Ins. bldg, Chicago, Ill. Works, Chicago, Milwaukee, Wis., & Scranton, Pa.
Archer Iron Works, 34th pl & Western av, Chicago, Ill.
AMERICAN BRAKE SHOE & FOUN-dry Co. (Steel), Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)
American Car & Foundry Co., 706 Chestnut, St. Louis, Mo., & 25 Broad, N. Y.
American Steel Casting Co., Chester, Pa.; Fisher bldg, Chicago, & 407 Sansom, Phila., Pa.
American Steel Foundries, Main Office, 74 B'way, New York; Fisher bldg, Chicago, Ill.; St. Louis, Mo., & Frick bldg, Pittsburg, Pa.
Atlanta Car Wheel & Mfg. Co., Atlanta, Go.
Atlas Bolt & Screw Co., Cleveland, O.
Austin, F. C., Mfg. Co., Manhattann bldg., Chicago, Ill., & Harvey, Ill.
Barnum & Richardson, Mfg. Co., 64 S Jeffn., Chicago, Ill.
Bartlett & Co., Saginaw, Mich.
Baugher, Kurtz & Co. (Ltd.), York, Pa.
Belleville Pump & Skein Works, Belleville, Ill.
Bowler Fdy. Co. (Chilled), Cleveland, O.
Braddock Machine & Mfg. Co. (& Supplies), Braddock, Pa.
BUDA FOUNDRY & MFG. CO., Har-vey, Ill., & Railway Exchange bldg, Chicago, Ill. (See adv. index, end of book)
Catawissa Car & Foundry Works, Catawissa, Pa.
Connells Machine & Car Co., Connellsville, Pa.
Eagle Iron Works, Terre Haute, Ind.
Grant Iron Works, Mahonoy City, Pa.
Griffin Wheel Co., Main office. Western Union bldg, Chicago, Ill.
Harman & Hassert, Bloomsburg, Pa.
Hempfield Foundry, Greensburg, Pa.
Herman, A. & Bro., Massillon, O.
Hockensmith Wheel & Mine Car Co. (Waste Packed, Irwin, Pa.
Kilby Locomotive & Machine Works, Anniston, Ala.
KOPPEL, ARTHUR, 68 Broad, New York, N. Y. (See adv. index, end of book)
Lansing Wheelbarrow Co., Lansing, Mich.
Lehigh Car Wheel & Axle Works, Fullerton, Pa.
Litchfield Fdry. & Mach. Co., Litchfield, Ill.
Lobdell Car Wheel Co., Wilmington, Del.
Niles Mine & Supply Co., Niles, O., & Williamson bldg, Cleveland, O.
New York Car Wheel Co., 15 Forest av, Buffalo, N. Y., & 771 Greenwich, N. Y.
Peacock's Iron Works, Selma, Ala.
Phillip's Mine & Supply Co., Pittsburg
Pie, Justin J. (Est. of), Osceola Mills, Pa.
Reliance Steel Casting Co., Pittsburg, Pa.
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
Salmon Iron Co. (Chilled), Freeland, Pa.
Sanford-Day Iron Works, Knoxville, Tenn.
Scott & Oliver Mfg. Co., Knoxville, Tenn.
Sheffield Car Co., Three Rivers, Mich.
Star Mfg. Co., New Lexington, O.
Stine, S. B. & Son, Osceola Mills, Pa.
Taylor Iron & Steel Co., High Bridge, N. J., & 253 B'way, N. Y.

Union Iron Works (Inc.), Spokane, Wash.
Vulcan Iron Works, Wilkesharre, Pa.
Watt Mining Car Wheel Co., Barnesville, O.
West Penn Foundry & Machine Co., Avonmore, Pa.

Wheels (Never Slip, Snow Plow)

Burnham & Duggin Railway Appliance Co., 89 State, Boston, Mass.

Wheels (Pipe Cutter)

Reed Mfg. Co., Erie, Pa.

Wheels (Pressed Steel)

BUDA FOUNDRY & MFG. CO., Harvey, Ill., & Railway Exchange bldg, Chicago, Ill. (See adv. index, end of hook)

Wheels (Propeller)

(See also Ship Builders.)

Bay City Iron Co., Bay City, Mich.
Cramp, Wm. & Sons Ship & Engine Building Co., Phlla., Pa.
Eastwood Wire Mfg. Co. (Iron & Bronze), Belleville, N. J.
Great Lakes Engineering Works, Rivard & Detroit River, Detroit, Mich.
King Iron Works, 226 Ohio, Buffalo, N. Y.
Kowalsky, J. (For Yachts), 3200 Penn av, Pittsburg, Pa.
Lockwood Mfg. Co. (Inc.), 61 Sumner, E B, Boston, Mass.
MacKinnon Mfg. Co. (Specialty, Small Yacht Wheels), Bay City, Mich.
Montague Iron Works Co., Montague, Mich.
Morris Machine Works, Baldwinsville, N. Y.
Neafie & Levy Ship & Engine Building Co. (Philadelphia), 1336 Beach, Phila., Pa.
Norwalk Brass Co., Norwalk, Conn.
Paine, Jas H. & Son Co., Noank, Conn.
Pusey & Jones Co. (Also Gearing Wheels), Wilmington, Del.
Reeves, Paul & Co. (Reeves' Tuhal Bronze), 1413 Catharine, Phila., Pa.
Thropp, John E., Sons Co., Trenton, N. J.
Seaboard Steel Casting Co., Chester, Pa.
Sheriff's Mfg. Co., 124 Barclay, Milwaukee, Wis.
Spaulding Gas Engine Works (Reversible for Launches), St. Joseph, Mich.
Truscott Boat Mfg. Co. (for Pleasure Crafts), St. Joseph, Mich.
Sullivan, Jno. W., 385 South, N. Y.
Wolverine Motor Works (Reversible for Launches, etc.), Grand Rapids, Mich.

Wheels (Rubber Tired)

Clark, Geo. P. Co., Windsor Locks, Conn.
Lansing Wheelbarrow Co. (Truck), Lansing, Mich.)

Wheels (Self-Oiling)

(For Mine & Other Light Cars.)

Chrome Steel Works (Mine Car, Canada Patent), Kent av c Keap, B'klyn, N. Y.
Davis, F. M., Iron Works Co., 8th & Lorimer, Denver, Col.
Denver Engineering Works Co., Blake & 30th, Denver, Col.
Dora Fdy. & Car Wheel & Machine Co., Pulaski, Va.
KOPPELL, ARTHUR, 68 Broad, New York, N. Y. (See adv. index, end of book)
Lobdell Car Wheel Co., Wilmington, Del.
Heimann, A. & Bro., Massillon, O.
Helmick Foundry Machine Co., Fairmont, W.Va.
Lansing Wheelbarrow Co., Lansing, Mich.
Lehigh Car Wheel & Axle Works, Fullerton, Pa.
Mine & Smelter Supply Co., Denver, Col., & Salt Lake City, Utah; 136 Liberty, N. Y., & El Paso, Tex.
Peacock's Iron Works, Selma, Ala.
Phillips' Mine Supply Co., Pittshurg, Pa.
Traux Mfg. Co., 1725 Wazee, Denver, Col.
Union Iron Works, Spokane, Wash'n
Watt Mining Car Wheel Co., Barnesville, O.

Wheels (Sprocket)

AMERICAN BRAKE SHOE & FOUN-dry Co., Mahwah, N. J.; 170 B'way, New York & Western Union bldg, Chicago, Ill. (See adv. index, end of book)
BARTLETT, C. O. & SNOW CO., French nr Columhus, Cleveland, O. (See adv. index, end of book)
BROWN, A. & F .CO., 25 Dey, New York. (See adv. front colored page)
Buhl Malleahle Co., Detroit, Mich.
Caldwell, H. W. & Son Co., 17th & Western av Chicago
Case Mfg. Co., Columbus, O.
Chain Belt Co., Milwaukee, Wis.
Cresson, Geo. V. Co., Allegheny av, W of 17th, Phlla., Pa., & 141 Liberty, New York
DAVIS, RODNEY, 626 Race, Phila., Pa. (See adv. index, end of hook)
Diamond Iron Works (For Saw Mills, etc.), Minneapolis, Minn.
Dodge Mfg. Co., Mishawaka, Ind.; 45 Dey, N. Y.; 168 S Clinton, Chicago; 137 Purchase, Boston, Mass., & 128 W 3d, Cincinnati, O.
Downie-Wright Mfg. Co., York, Pa.
Exeter Machine Works, Pittston, Pa.
Ewart Mfg. Co., Chicago, Ill. Works, Indianapolis, Ind.
FILER & STOWELL CO., Becher & Ziemer, Milwaukee, Wis. (See adv. index, end of book)
Frost Mfg. Co., Galesburg, Ill.
Garland, M. Co., Bay City, Mich.
Great Western Mfg. Co., Leavenworth, Kan.
Greenwald, I. & E. Co., 720 E Pearl, Cincinnati,
Indianapolis Drop Forging Co., Indianapolis, Ind.
JEFFREY MFG. CO., Columbus, O.; 41 Dey, N. Y., & Equitable hldg, Denver Col. (See adv. index, end of hook)
Jones, W. A., Fdy. & Machine Co. (For Chain Drives, Gearing), 143 W North av, Chicago, Ill.
Link Belt Engineering Co., Nicetown, Phila., Pa.; 47 Dey, New York, & Park hldg, Pittsburg, Pa.
Link Belt Machinery Co. (For Ewart Link Belting), W 39th & Stewart av, Chicago, Ill.
Marseilles Mfg. Co., Marseilles, Ill.
Mead-Morrison Mfg. Co., 11 B'way, New York; Boston, Mass., & Chicago, Ill.
Medart Patent Pulley Co., 3500 DeKalb av, St. Louis, Mo.
IEY CHAIN BELTING ENGINEER-ing Works (Chain Sprockets), 14 Perry. Buffalo, N. Y. (See adv. index, end of hook)
MINNEAPOLIS STEEL & MACHIN-ery Co., Minneapolis, Minn. (See adv. index, end of hook)
MOLINE MALLEABLE IRON CO., St. Charles, Ill.; 1361 Ridge av, Phila., Pa., & 37 Warren, New York. (See adv. index, end of book)
Nordyke & Marmon Co., Indianapolis, Ind.
PHILADELPHIA GEAR WORKS, 127 N 7th, Phila., Pa. (See adv. index, end of book)
Port Huron Engine & Thresher Co., Port Huron, Mich.
Poole Engineering & Machine Co., Woodbury Station, Baltimore, Md.
Portland Iron Works, Portland, Ore.
Scaife Foundry & Machine Co., Pittshurg, Pa.
Skillin & Richards Mfg. Co., 147 Fulton, Chicago, Ill.
Taylor Iron & Steel Co., High Bridge, N. J., & 253 B'way, N. Y.
WEBSTER MFG. CO., 1075 W 15th, Chicago, & 38 Dey, N. Y. (See adv. index, end of book)
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, N. Y. (See adv. index, end Wolf Co. (Inc.), Chambersburg, Pa. of book)

Wheels (Steel Tired Car)

Green's Car Wheel Mfg. Co., 3018 N B'way, St. Louis, Mo.
Lehigh Car Wheel & Axle Works, Fullerton, Pa.
Page, Newel & Co. (Imported), 93 Broad, Boston, Mass.
Prosser, Thos. & Son (the Krupp), 15 Gold, N. Y.
Railway Steel Spring Co. (For Electric Rail- 71 B'way, N. Y., & Fisher bldg, Chicago; 1028 New Market, Phila., Pa., & Lincoln Trust hldg, St. Louis. Mo.
Standard Steel Works, 1502 Market, Phila., Pa., & Monadnock hlk, Chicago, Ill.
Taylor Iron & Steel Co., High Bridge, N. J., & 253 B'way, N. Y.
Whitney, A. & Sons, Betz hldg, Phila., Pa.

Wheels (Steel Truck)

AMERICAN BRAKE SHOE & FOUN-dry Co., Mahwah, N. J.; 170 B'way, N. Y., & Western Union bldg, Chicago, Ill. (See adv. index, end of hook)
Brown Car Wheel Works, Howard c Thomas, Buffalo, N. Y.
Chickasaw Iron Works, Memphis, Tenn.
Jones & Laughlin Steel Co., Pittshurg, Pa.; 220 B'way, N. Y., & 30 W Lake, Chicago
Kilburne & Jacobs Mfg. Co., Columbus, O.
Lehigh Car Wheel & Axle Works, Fullerton, Pa.
Niles & Scott Co., La Porte, Ind.
Prosser, Thos. & Son (the Krupp), 15 Gold, N. Y.
Railway Steel Spring Co., 71 B'way, N. Y.; Chicago & Detroit
Sheffield Car Co., Three Rivers, Mich.

Wheels (Steering)

Barnes Tool Co., New Haven, Conn.
Davis, Chas. J. (Wooden), Albany, N. Y.
Laughlin, Thos. Co. ("Perleys" & "Puritan" Screw Steerer, etc.), Portland, Me.

Wheels (Street Car)

American Car & Foundry Co., 706 Chestnut, St. Louis, Mo., & 25 Broad, N. Y.
Atlanta Car Wheel & Mfg. Co. (Chilled), Atlanta, Ga.
Baltimore Car Wheel Co., Patterson av & Payson, Baltimore, Md.
Brill, J. G. Co., 62d & Woodland av, Phila., Pa.
Chattanooga Car & Foundry Co., Chattanooga, Tenn.
Chrome Steel Works, Chrome, N. Y.
Griffin Wheel Co., main office, 138 Jackson boul, Chicago, Ill.
Lehigh Car Wheel & Axle Works, Fullerton, Pa.
Lobdell Car Wheel Co., Wilmington, Del.
National Car Wheel Co. (Chilled Iron), 35 Nassau, N. Y.; Park bldg, Pittsburg, Pa. Works, Rochester, N. Y.; West Homestead, & Sayre, Pa., & Cleveland, O.
New York Car Wheel Co., 771 Greenwich, New York City, & Buffalo, N. Y.
Peckham Mfg. Co., 26 Cortlandt, N. Y.
Phila. Car Wheel Co., Betz bldg, Phila., Pa. Works, Black Rock, Buffalo, N. Y.
RUSSEL WHEEL & FOUNDRY CO., Detroit, Mich. (See adv. index, end of book)
St. Louis Car Wheel Co., Spring av, & Mo. Pac. Ry., St. Louis, Mo.
Standard Car Wheel Co. (Chilled), Cleveland, O.
Whitney, A. & Sons, Betz hldg, Phila., Pa.

Wheels (Tire Measuring)

Comstock, Geo. S. (Graduated with Pointer), Mechanicsburg, Pa.

Wheels (Tracing)

Arcade Mfg. Co., Freeport, Ill.
Federal Mfg. Co., Elyria, O.

Wheels (Trolley)

Ajax Metal Co., 46 Richmond, Phila., Pa., & Birmingham, Ala.
AMERICAN STEEL & WIRE CO., Rookery bldg, Chicago; Battery Park bldg, N. Y.; Western Reserve bldg, Cleveland, O., & 16th & Folsom, San Francisco, Cal. (See adv. index, end of book)
American Union Electric Co. ("The Morris"), 15 Cortlandt, New York
Anderson, Albert & J. M. Mfg. Co., 287 A, Boston, Mass.
Brady Brass Co., 204 10th, Jersey City, N. J.
Brown & McLain, 141 Federal, Boston, Mass.

Central City Brass Mfg. Co., 120 Burnet av, Syracuse, N. Y.
Central Union Brass Co., 11th & Mullanphy, St. Louis, Mo.
Columbia Machine Works, 167 Chestnut, Brooklyn, N. Y.
Dayton Mfg. Co., Dayton, O.
Dunning, Edw. L. Co. ("Smithfield"), 64 Federal, Boston, Mass.
Electric Ry. Equipment Co., 431 E Front, Cincinnati, O.
Eureka Tempered Copper Co., North East, Pa., & 141 B'way, N. Y.
Frost's, J. O. Sons, Towanda, Pa.
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, New York. (See adv. index, end of book)
Graphite Lubricating Co., Bound Brook, N. J.
Holmes, Booth & Haydens Co., Waterbury, Conn., & 37 Park place, N. Y.
Lorain Steel Co., Johnstown, Pa., & Lorain, O.
LUMEN BEARING CO. (Ideal), 1155 Sycamore, Buffalo, N. Y. (See adv. index, end of book)
Magnus Metal Co., general office, 830 Ellicott sq, Buffalo, N. Y. Branch plants, 915 Prebel av, Allegheny, Pa.; 364 9th, Jersey City, N. J.; 335 6th av, Newark, N. J.; 248 Cedar, New Haven, Conn.; Depew, N. Y., & 71 B'way, New York City
NUTTALL, R. D. CO., Fayette & Garrison pl, Pittsburg, Pa.
Porter & Berg (and Supplies), 309 Dearborn, Chicago, Ill.
Simonds Mfg. Co., 25th & Liberty, Pittsburg, Pa.
Star Brass Works, Kalamazoo, Mich.
Van Dorn & Dutton Co., 1796 E Madison av, Cleveland, O.
Western Electrical Supply Co. ("Wesca," Self-Oiling), St. Louis, Mo.
WESTINGHOUSE ELECTRIC & MFG. Co., Pittsburg, Pa. District Offices: New York, Atlanta, Dallas, Baltimore, Boston, Buffalo, Chicago, Cincinnati, Cleveland, Detroit, Los Angeles, Minneapolis, New Orleans, Philadelphia, Pittsburg, St. Louis, Salt Lake City, San Francisco, Syracuse, Seattle, Denver, Mountain Electric Co., Canada, Canadian Westinghouse Co., Limited, Hamilton, Ontario; Mexico, G. & O. Braniff & Co.; City of Mexico. (See adv. index, end of book)
Williams, E. A. & Son, Jersey City, N. J.

Wheels (Tubular, Steel)

Midgley Mfg. Co. (For Automobiles, Vehicles, Etc.), Collmbus, O.

Wheels (Well)

Laughlin, Thos. Co. (Anti-Friction), Portland, Me.
NATIONAL SUPPLY CO., 7 W Lombard, Baltimore, Md. (See adv. index, end of book)
Penn Hardware Co., Reading, Pa.
Pleuger & Henger Mfg. Co., 11th & Hebert, St. Louis, Mo.
Rumsey & Co., Ltd. (Inc.) ("Rumsey" Iron), Seneca Falls, N. Y.
Weller Hardware & Foundry Co., Horseheads, N. Y.
Wrightsville Hardware Co., Wrightsville, Pa.

Wheels (Wire)

Kirk, Latty Mfg. Co., Cleveland, O.
Lee & Porter (Bike, Automatic, etc.), Dowagiac, Mich.
Pneumatic Wheel Co. (Inc.) (Steel), Freehold, N. J.
Rastetter, Louis & Son, Ft. Wayne, Ind.
Reed & Curtis Machine Screw Co., Worcester, Mass.
Toledo Metal Wheel Co., Toledo, O.
Weston, I. A. Co. (Ball Bearing), Syracuse, N. Y.
Weston-Mott Co. (Steel Rims), Utica, N. Y.

Wheels (Wood Polishing)

Diamond Machine Co., Providence, R. I.

Wheels (Worm)

(See Gears, Worm.)

Wheels & Axles (Ball or Roller Bearing)

(See also Axles Ball or Roller Bearing.)

American Roller Bearing Co., 40 Binford, Boston, Mass.
Archibald Wheel Co., Lawrence, Mass.
Atlas Bolt & Screw Co., Cleveland, O.
Buchanan Ball Bearing & Dust Proof Axle Co., Buchanan, Mich.
BUDA FOUNDRY & MFG. CO., Railway Exchange bldg, Chicago, Ill. Works, Harvey, Ill. (See adv. index, end of book)
Meeker Mfg. Co. (Ball Bearing), Dayton, O.
Moffett Vehicle Bearing Co., Saginaw, Mich.
Pressed Steel Mfg. Co. (Ball), Ridge av & Willow, Phila., Pa.
Standard Roller Bearing Co., 48th & Girard av, Phila., Pa.
Timken Roller Bearing Axle Co., Canton, O.

Whetstones

Deerlick Oil Stone Co., Chagrin Falls, O., & 7 Warren, N. Y.
Pike Mfg. Co., 151 Chambers, New York, & Pike Station, N. H.

Whistles (Air)

LUNKENHEIMER CO., General Offices: Cincinnati, O.; 26 Cortlandt, New York, & 35 Great Dover St, London, England. (See adv. index, end of book)

Whistles (Chime)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.; 35 Dey, New York, & 16 N Canal, Chicago, Ill.
ASHCROFT MFG. CO., THE, 85, 87, 89 Liberty, New York, 22, 24, 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.
Crosby Steam Gage & Valve Co., 95 Oliver, Boston, Mass.; 21 W Lake, Chicago, & 78 John, N. Y.
Eastwood Wire Mfg. Co. ("Eastwood" Single Bell), Belleville, N. J.
Eaton, Cole & Burnham Co., 253 B'way, N. Y.
Fewlass Leen Brass & Iron Works, 456 E 2d, Cincinnati, O.
Kinsley Mfg. Co., 20 South av, Bridgeport, Conn.
Lonergan, J. E. Co. (Single & Three Bell, etc.), 211 RaRce, Phila., Pa.
LUNKENHEIMER CO. (Single Bell, Three Whistles, etc.), General Offices: Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, New York, & 35 Great Dover, London, S E, England. (See adv. index, end of book)
Powell, Wm. Co., 2529 Spring Grove av, Cincinnati, O.
Queen City Brass & Iron Works (Single Bell), Cincinnati, O.
Schaffer & Budenberg, Brooklyn, N. Y.; 66 John, N. Y., & 22 W Lake, Chicag
Star Brass Mfg. Co., 103 E Dedham, Boston, Mass.; 38 Cortlandt, N. Y., & Monadnock blk., Chicago, Ill.
Thomas Brass & Iron Co., Waukegan, Ill.
Vulcan Works, Chester Pa.

Whistles (Conductors & Starters)

Woodman R., Railway Supply Co., 63 Oliver, Boston, Mass.

Whistles (Fog)

Chase Machine Co., Cleveland, O.

Whistles (Steam)

American Steam Gauge & Valve Mfg. Co., 208 Camden, Boston, Mass.; 16 N Canal, Chicago, Ill., & 35 Dey, New York
Ashton Valve Co., 271 Franklin, Boston, Mass.
Belfield, H. & Co., 435 N Broad, Phila., Pa.
Buckeye Iron & Brass Works, Dayton, O.
Central Brass Works, 322 W Pearl, Cincinnati, Ohio
CRANE CO., Est. 1855, Chicago, Ill.; New York, Philadelphia, Pa.; Omaha, Neb.; Los Angeles & San Francisco, Cal.; Sioux City, Ia.; Kansas City, Mo.; Portland, Ore.; St. Louis, Mo.; Salt Lake City, Utah; Seattle, Wash., & Spokane, Wash. (See adv. index, end of book)
Crosby Steam Gage & Valve Co., 95 Oliver, Boston, Mass.; 21 W Lake, Chicago, & 78 John, New York
Detroit Shipbuilding Co. (Brass Dept.), Detroit, Mich.
Eastwood Wire Mfg. Co. ("Eastwood" Plain & Single Bell), Belleville, N. J.
Eaton, Cole & Burnham Co., 253 B'way, N. Y.
Eastwood Wire Mfg. Co., Belleville, N. J.
Farnan Brass Works, 25 Center, Cleveland, O.
Garratt, W. T. & Co., 142 Fremont, San Francisco, Cal.
Hays Mfg. Co., Erie, Pa.
Jarecki Mfg. Co., Erie, Pa., & Pittsburg, Pa.
Kelly & Jones Co., 135 Water, Pittsburg, Pa.; 15 Park Row, New York, & 59 Clark Chicago, Ill.; Works, Galesburg, Pa.
Kinsley Mfg. Co. (Single Bell Chime), 20 South av, Bridgeport, Conn.
Lonergan, J. E. & Co., 211 Race, Phila., Pa.
LUNKENHFIMER CO., General Offices, Beekman & Waverly, Cincinnati, O.; 26 Cortlandt, New York, & 35 Great Dover st., London, S E, England. (See adv. index, end of book)
McNab & Harlin Mfg. Co., 56 John, New York
McShane, Henry Mfg. Co., 441 North, Baltimore, Md.
Nelson, Chas., 439 E 10th, New York
Ohio Brass Co., Mansfield, O.
Pittsburg Brass Mfg. Co., 107 Wood, Pittsburg, Pa.
Powell, Wm., Co., 2529 Spring Grove av, Cincinnati, O.
Queen City Brass & Iron Works, Spring Grove av & Garrard, Cincinnati, O.
Regester, J. Sons Co., 49 W Holliday, Baltimore, Md.
Schaffer & Budenberg, Brooklyn, N. Y.; 66 John, New York, & 22 W Lake, Chicago, Ill.
Scott Valve Co., 32 W Randolph, Chicago, Ill.
Sherwood Mfg. Co., 34 Wash'n, Buffalo, N. Y.
Springfield Brass Co., 82 S Limestone, Springfield, O.
Swift Lubricator Co., Elmira, N. Y.
Thomas Brass & Iron Co., Waukegan, Ill.
Union Water Meter Co., Worcester, Mass.
Vulcan Works, Chester, Pa.
Walworth Mfg. Co., 132 Federal, Boston, Mass.

White Lead Kegs (Steel)

AMERICAN CAN CO., 11 B'way, New York

White Lead (Sublimed)

Pitcher Lead Co. (Sole Mfrs.), Western Union bldg., Chicago & 100 William, N. Y.

White Metal

Waterbury Brass Co. ("Pope's Island"), Waterbury, Conn., & 122 Centre, N. Y.

White & Red Lead Mfrs.

Anchor White Lead Works, 7th & Freeman av., Cincinnati, O.
Bender & Alldred (Red Only), Sharpsburg, Pa.
Boston Lead Mfg. Co., 162 Congress, Boston, Mass.
Carter White Lead Co., W 121st c S Peoria, Chicago, Ill.; Omaha, Neb.
Cawley, Clark & Co., Newark, N. J.
Chadwick-Boston Lead Co., 182 Franklin, Boston, Mass.
Collier White Lead & Oil Works, 1001 Clark av., St. Louis, Mo.
Davis Lead Co., Park bldg., Pittsburg, Pa.
Eagle White Lead Co., 1022 B'way, Cincinnati, O.
FRENCH, SAMUEL H. & CO., 4th & Callowhill, Phila., Pa. (See adv. index, end of book)

Gebhart White Lead Co., Dayton, O.
Gerdes, F. W., & Bro., Allegheny, Pa.
Harrison Bros. & Co., 35th, c Gray's Ferry rd., Phila., Pa.; 117 Fulton, N. Y.; 27 Lake, Chicago, Ill., & 72 Broad, Boston, Mass.
Lewis, John T. & Bros. Co., 231 S Front, Phila., Pa.
Matheson, Wm. J. & Co. (Ltd.), (White Only), 182 Front, N. Y.
National Lead Co. (Atlantic Branch), 100 William, N. Y.
National Lead Co. (Boston Branch), 89 State, Boston, Mass.
National Lead Co. (Buffalo Branch), c Clinton & Oak, Buffalo, N. Y.
National Lead Co. (Cleveland Branch), Canal & Champlain, Cleveland, O.
National Lead Co. (Chicago Branch), 1510 State, Chicago, Ill.
National Lead Co. (St. Louis Branch), Clark av & 10th, St. Louis, Mo.
National Lead Co. (Cincinnati Branch), c 7th & Freeman av, Cincinnati, O.
National Lead Co. (Louisville Branch), 9th bet Main & River, Louisville, Ky.
National Lead Co. (Baltimore Branch), 204 Spear's Wharf, Baltimore, Md.
National Lead & Oil Co. (of Pennsylvania), 2d Nat. Bank bldg., Pittsburg, Pa.
National Lead Co., 1415 Dodge, Omaha, Neb.
Nevin, T. H. Co., c Island & Preble avs, Allegheny, Pa.
Peninsular Lead & Color Works (White Lead), ft. of Leib, Detroit, Mich.
Phillips & Ferguson, 78 9th, Bklyn, N. Y.
Picher Lead Co., Tacoma bldg, Chicago, Ill.
St. Louis Lead & Oil Works Co., 1001 Clark av, St. Louis, Mo.
Shipman, D. B. White Lead Works, 1510 State, Chicago, Ill.
Southern White Lead Co., 121 Lombard, St. Louis, Mo., & 1510 State, Chicago, Ill.
Tatham & Bros., 223 S 5th, Phila., Pa., & 82 Beekman, N. Y.
Wetherill & Bro., 126 S 30th, Phila., Pa.

Whiting Mfrs.

American Whiting & Putty Mfg. Co., 200 Water, N. Y.
Dunham, Thos. C., 68 Murray, N. Y.
Fox, M. E., 136th & Rider av, New York
Fuller & Co., Hallowell, Me.
Grote, Geo. W., 605-613 W 39th, New York
Hammill & Gillespie, 240 Front, N. Y.
Higginson Mfg. Co., Newburg, N. Y.
Knappman, Wm. & Co., 29 Liberty, N. Y.
Kelley Bros. & Spielman (Inc.), Swanson & Moore, Phila., Pa.
Mepham, Geo. S. & Co., East St. Louis, Ill.
Nulsen, Klein & Krausee Co., St. Louis, Mo.
Mepham, Geo. S. & Klein, Levee & Sidney, St. Louis, Mo.
Nevins, Sam'l, 109 S 2d, Phila., Pa.
Philadelphia Whiting Works, 2609 E York, Phila., Pa.
Phillips & Ferguson, 78 9th, Bklyn, N. Y.
Southwark Mfg. Co., Mifflin & Swanson, Phila., Pa.
Stickney, J. W. & Co., 79 Milk, Boston, Mass.
Strickney, Tirrell & Co., 79 Milk, Boston Mass. Works: E. Boston, & Chelsea, Mass.
Traintor, H. F., Mfg. Co., 200 Water, N. Y.
WHITTAKER, W. H., 245 Front, N. Y.

Wickets

CINCINNATI MFG. CO., 1243 W 6th, Cincinnat, O. (See adv. index, end of book)
WRIGHT WIRE CO. (All Metals & Finishers), Worcester, Mass. (See adv. index, end of book)

Wicks (Lamp, Etc.)

American Tubing Co. (Stove Wicks, Etc.), Providence, R. I.
Ansonia, O. & C. Co. (Lamp), Ansonia, Conn.
Atkins & Pearce Mfg. Co., 5th & Eggleston, Cincinnati, O.
Bowden, Anthony, Cedar Grove, N. J.
Cleveland Cotton Mills (Inc.), Cleveland Mills. N. C.
Collins, G. S. (Lamp, Stove, Candle, etc.), Central Village, Conn.
Fletcher Mfg. Co. (Lamp, Cotton Ball, Miners', Stove, etc.), 72 Leonard, New York. Factory, Providence, R. I.
Hooper, Wm. E. & Sons (Lamp, Cotton Ball, Candle, etc.), Baltimore, Md.
January & Wood Co. (Cotton Wicks, etc.), Maysville, Ky.
Lees Mfg. Co. (Lamp, Candle, Miners', Cotton Ball, etc.), 320 B'way, New York. Factory, Westport, Conn.
Massasoit Mfg. Co. (Cotton Ball Wicks, etc.), 56 Leonard, New York. Factory, Fall River, Mass.
Missouri Cotton Batting Mfg. Co., West Point, Mo.
New Jersey Wick Co. (Lamp, Stove, etc.), Newark, N. J.
Rochard, F. J. (Torch Wicks, Etc.), South Hadley Falls, Mass.
Sun Mills Mfg. Co., Fitchburg, Mass.
Textile Mfg. Co., Rockingham, N. C.
United States Cotton Duck Corp'n (And Stove, Etc.), Continental Trust bldg., Baltimore, Md.
Westport Mfg. Co., Fall River, Mass.

Willson Office & Loft Directories (Changeable)

TABLET & TICKET CO., 87 Frank-lin, Chicago, Ill., 381 B'way, New York, N. Y. (See adv. index, end of book)

Winches (Electric)

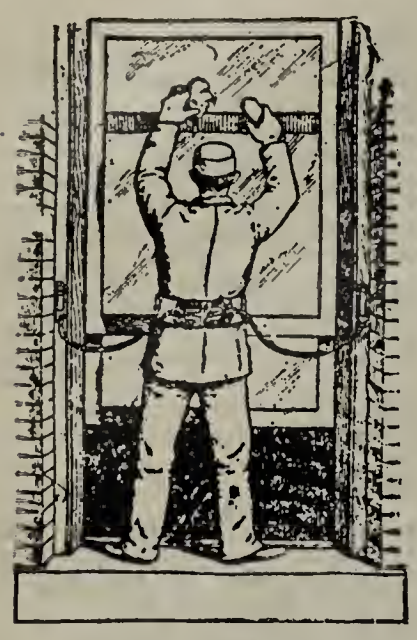
SPRAGUE ELECTRIC CO. (For Haul-age Purposes), 527 W 34th, New York. (See adv. index, end of book)

Winches & Windlasses

(See Last Page of Book.)

Windmills

Aera Mfg. Co., Henry, Ill.
Aermotor Co., W 12th & Rockwell, Chicago, Ill.
Anderson Malleable Iron & Mfg. Co., Works, Anderson, Ind.
Althouse, Wheeler & Co. (Wood or Steel Wheel Pumping, also Geared Wood Wheel), Waupun, Wis.
Appleton Mfg. Co., Batavia, Ill.
Bagley Co., Ellicott Sq., Buffalo, N. Y.
Baltimore Cooperage Co., Baltimore, Md.
Banks, T. & Son, Burlington, Wis.
Baker Mfg. Co., Evansville, Wis.
Batavia Wind Mill Co. (Wood), Batavia, Ill.
Beckman Bros., Des Moines. Ia.
Benjamin, O. P. Mfg. Co., Indianapolis, Ind.
Burke-Bollmeyer Mfg. Co., Wauseon, O.
Butler Co. (Steel & Wood), Butler, Ind.
CALDWELL, W. E. CO., Louisville, Ky. (See adv. index, end of book)
California Windmill Co., Somonauk, Ill.
Carter Wind Mill & Tank Co., Des Moines, Ia.
Challenge Wind Mill & Feed Mill Co., Batavia, Ill.
Chandler Pump Co., Cedar Rapids, Ia.
Church, Stephen B., Seymour, Conn., & High St, Boston, Mass.
Collins, F. F., San Antonio, Texas
Colton, G. D. & Co., Galesburg, Ill.
Corcoran, A. J., 11 John, N. Y.
Corcoran, W. A., Windmill Co., 300 B'way, N. Y.
Cornish, Curtis & Greene Mfg. Co., Fort Atkinson, Wis.
CRANE CO., Est. 1855, Chicago, Ill.; New York; Phila., Pa.; Omaha, Neb.; Kansas City, Mo.; St. Louis, Mo.; Sioux City, Ia.; Portland, Ore.; Los Angeles & San Francisco, Cal.; Salt Lake City, Utah; Seattle, Wash., Spokane, Wash. (See adv. index, end of book)
Deere Implement Co., 209 Market, San Francisco, Cal.
Dempster Mfg Co., Des Moines, Ia.
Dempster Mill Mfg. Co., Beatrice, Neb.
Duplex Mfg. Co., South Superior, Wis.
Elgin Wind Power & Pump Co., Elgin, Ill.
Enterprise Wind Mill Co., Sandwich, Ill.
FAIRBANKS, MORSE & CO., ("Eclipse" Fairbank's), Franklin & Monroe, Chicago, Ill.; Warehouses, 307 Walnut, Cincinnati; 99 Water, Cleveland; 89 Jefferson, Detroit; 519 Main, Louisville; 140 S Meridian, Indianapolis, Ind.; 8th & Clark av., St. Louis; 1217 Union av, Kansas City, Mo.; 234 E 3d, St. Paul; 220 Nicollet av., Minneapolis; 1102 Farnam, Omaha; 1600 17th, Denver; 136 Los Angeles, Los Angeles; 310 Market, San Francisco; 1st & Stark, Portland, Ore.; 218 S. W. Temple, Salt Lake City, 133 Liberty, N. Y.; 126 Southward, S E, London, England. (See adv. index, end of book)
Fairbury Wind Mill Co., Fairbury, Neb.
Ferguson Wind Mill & Pump Co., Waterloo, Ia.
Fleming & Sons, Portland, Ind.
Flint & Walling Mfg. Co. (Star), Kendallville, Ind.
Freeland Mfg. Co., Niles, Mich.
Freeman, S. & Sons Mfg. Co., Racine, Wis.
Genoa Mfg. Co., Genoa, O.
Goodhue Rotary Grinder Co., St. Charles, Ill.
Heller, Aller & Co., Napoleon, O.
Hess Snyder Co., Massillon, O.
Horicon Wind Mill Co. (Steel), Horicon, Wis.
Howe Engine Co., Indianapolis, Ind.
Iowa Windmill & Pump Co., Cedar Rapids, Ia.
Jackson, Byron Machine Works, 411 Market, San Francisco, Cal.
Jager, Chas. J., Co. ("Eclipse"), 174 High, Boston, Mass.
Kregel, G. F., Nebraska City, Neb.
Lamb & Co., Freeport, Ill.
Leach Windmill Co., Joliet, Ill.
Lockwood Tubular Well Machine Co., Peoria, Ill.
Lowell Windmill Mfg. Co., Salina, Kan.
McDaniel & Son, Litchfield, Ill.
Marcy, R. G. Mfg. Co., Bluffton, Ind.
Marseilles Mfg. Co., Marseilles, Ill.
Mast, Foos & Co., Springfield, O.
Maud's Windmill & Pump Co., Lansing, Mich.
May Bros., Galesburg, Ill.
Medina Mfg. Co., Medina, O.
Moline Pump Co., Moline, Ill.
Mt. Pulaski Windmill Co., Mt. Pulaski, Ill.
National Engineering Co., Saginaw, Mich.
New Doty Mfg. Co., Janesville, Wis.
Northwestern Wind Engine Co., 110 3d av Minneapolis, Minn.
Pacific Pump & Windmill Co., San Francisco, Cal., & Santa Clara, Cal.
Perkins Windmill Co., Mishawaka, Ind.
Peters Pump Co., Kewanee, Ill.
Phelps, I. E., Wahoo, Neb.
Phelps & Bigelow Windmill Co., Kalamazoo, Mich.
Phillips & Worthington, 136 Liberty, N. Y.
Pierce Well Engineering & Supply Co., 136 Liberty, N. Y., & 156 Bay, Jersey City, N.J.
Powers Mfg. Co., Clarinda, Iowa
Reese, Jno., Florin, Cal.
Rose, F. M. & Son (Steel Star), 222 San Pablo av, Oakland, Cal.
Ross Supply Co. ("Rex"), Greenville, O.
Schmidt, Geo., East Williston, N. Y.
Sharp Mfg. Co., Albert Lea, Minn.
Sharples Co., Chicago
Smith & Pomeroy, Kalamazoo, Mich.
Snow Mfg. Co. ("Decorah," Steel & Wood), Batavia, Ill.
Southern Rock Island Plow Co., Dallas, Tex.
Squier, Geo. L., Mfg. Co., 420 Niagara, Buffalo,
Standard Mfg. Co., Galesburg, Mich. N. Y.
Stover Mfg. Co. (Iron, etc.), Freeport, Ill.
Superior Co., Streator, Ill.
Shurtleff Co., Marengo, Ill.
Stehn Mfg., Sheboygan, Wis.
Sydnor Pump & Well Co., Richmond, Va.
Tanner, D. F., Holland, N. Y.
Temple Pump Co. ("Diamond"), 15th pl, Chicago, Ill.
United States Pump & Supply Co., Toledo, O.
U. S. Supply Co., Omaha, Neb.
U. S. Water & Steam Supply Co., Kansas City, Mo.
U. S. Wind Engine & Pump Co., Batavia, Ill.
Vail & Smith, Weston, Mich.
Wallace, Amos, Marengo, Ill.
Walterschied Bros., Wichita, Kan.
Waterloo Pump Co., Waterloo, Iowa.
Wells, H. B. & Son, Ithica, Mich.
Williams Mfg. Co., Kalamazoo, Mich.
Winship Mfg. Co., Racine, Wis.
Winter, F. W. & Co., Faribault, Minn.
Wolcott Windmill Co., Saginaw, Mich.
Woodin & Little, 312 Market, San Francisco, Cal.
Woodmanse Mfg. Co. (Steel, Wooden & Power, etc.), Freeport, Ill.
Zimmerman Mfg. Co., Auburn, Ind.



WHITNER 4-BOLT SAFETY

The only perfect and absolute protection for

WINDOW CLEANERS

and the

Whitner Shoe-Brake Fire Escape.

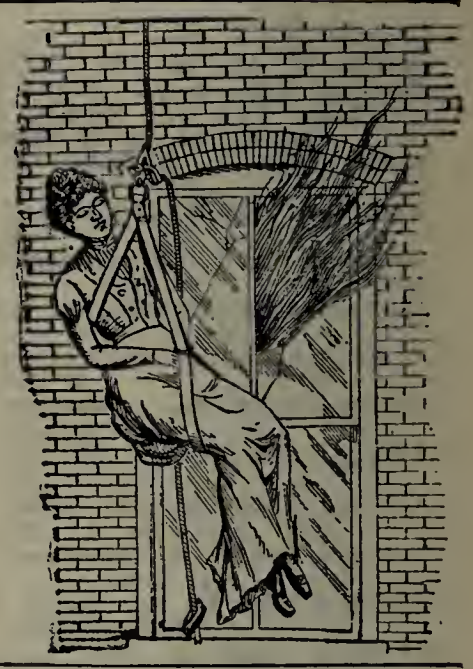
Most simple and effective means of escape from fire.

Public Schools, Hospitals, Hotels and Principal Buildings throughout the United States are equipped with our devices.

66 BROADWAY,

P. O. Box 458, **NEW YORK CITY.**

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Winders (Magnet)

A. & C. Mfg. Co., Cleveland, O.
Anderson, Homer, Peekskill, N. Y.

Windlasses

(See Winches & Windlasses.)

Windlasses (Arc Lamp)

Brady, T. H., New Britain, Conn.
Carr, E. M., New Castle, Ind.
Cutter, Geo. Co., 129 Fulton, Chicago, Ill.
Fletcher Mfg. Co., Dayton, O.
Western Electric Co., 259 S Clinton, Chicago, & 57 Bethune, N. Y.

Window Blind Adjusters

Columbian Hardware Co., Coe & Hamilton, Cleveland, O.; 14 Warren, N. Y., & 86 Michigan, Chicago, Ill.
Millers Falls Co., 28 Warren, N. Y., & Millers Falls, Mass.
Russell & Erwin Mfg. Co., New Britain, Conn., & 43 Chambers, N. Y.

Window (Byar's Patent Cellar)

Bethlehem Foundry & Machine Co., South Bethlehem, Pa.

Window Cleaning Appliances & Guards

Orr & Locket Hdw. Co. (Simpkins' Safety Belt & Skidmore's Adjustable Balcony), 71 Randolph, Chicago, Ill.
PERFECT SAFETY WINDOW Guard, 15 Park row, N. Y. (See adv. below)
WHITNER 4-BOLT SAFETY (Absolute Safety to Window Cleaners), 66 B'way, New York. (See adv. top of this page)

Window Display Fixtures

American Brass Fixture Works (Brass & Nickel Plated), 8 Howard, New York
Burgess, E. A. (Est. of), New Haven, Conn.
Faries Mfg. Co. ("Eiffel Tower," Revolving), Decatur, Ill.

Window Frame Pocket Cutter

Wachusett Machine Co., Fitchburg, Mass.

Window Frame & Sash (Metallic)

BADGER, E. & SONS CO., 63 Pitt, Boston, Mass. (See adv. opp. page 1262
BLANCHARD, J. F. CO., Fuller Bldg, New York, N. Y. (See adv. index, end of book)
CLASON ARCHITECTURAL METAL Works (Inc.), 428 Kinsley av, Providence, R. I. (See adv. index, end of book)
DAHLSTROM METALLIC DOOR CO. Jamestown, N. Y., & 149 B'way, New York. (See adv. index, end of book)
Ellis, A. J. Co., West New York, N. J.
Hayes, Geo., Co., 71 8th av, New York.
FIRE-PROOF DOOR CO. ("Richardson's"), 401 12th av, Minneapolis, Minn. Sales Offices: 166 Devonshire, Boston, Mass.; 231 St. Paul, Baltimore, Md.; 18th & Austin, St. Louis, Mo.; 29 New Montgomery, San Francisco, Cal.; 221 Jackson, Seattle, Wash. (See adv. index, end of book)
HECLA IRON WORKS, 118 N 11th. Brooklyn, N. Y. (See adv. opp. next page)
Hicks, S. D. & Sons, 9 Bowker, Boston, Mass
KEIGHLEY, S. METAL CEILING & Mfg. Co. ("Phoenix"), Locust & Chestnut, Pittsburg, Pa. (See adv. opp. page 1263)
Knisely Bros., 28th pl & 5th av, Chicago, Ill.
KNISELY, H. C. & CO., 273 S Canal, Chicago, Ill. (See adv. opp. page 1263)
Lee, Thos. (Automatic Closing & Sliding Sash). Cincinnati, O
LUPTON'S, DAVID SONS CO., Allegheny av & Tulip, Phila., Pa.; 220 B'way, New York, & 216 Calvert, Baltimore, Md. (See adv. opp. next page)
M'FARLAND, J. C. & CO., 27th & 5th av, Chicago, Ill. (See adv. on page 1262)
MEADE ROOFING & CORNICE CO., 156 5th av, New York; 45th & Linmore av, Phila., Pa., & 120 Tremont, Boston, Mass.
Metallic Mfg. Co., 110 Erie, Camden, N. J.
MILLER, JAS. A. & BRO., 129 S Clinton, Chicago, Ill. (See adv. opp. page 1263)
Mullins, W. H., Salem, O.
PRUDEN, C. D. CO. (Metallic), Builders' Exchange, Baltimore, Md. (See adv. opp. page 1263)
RASNER & DINGER CO., 2d av & Ferry, Pittsburg Pa. (See adv. opp. page 1262)
St. Paul Roofing, Cornice & Ornament Co., St. Paul, Minn., & Baltimore, Md.
Shackelton Co., 171 Prospect, Cleveland, O.
Smith-Warren Co. (Automatic Fireproof), Boston, Mass., & 253 B'way, N. Y.
SYKES STEEL ROOFING CO., 600 S Morgan, Chicago, Ill. (See adv. opp. page 1262)
TABOR SASH CO., 69 Polk, Newark, N. J.; Chas. F. Whitcomb, Chicago, Representative, 156 Dearborn, Chicago. (See adv. opp. this page)
THORN, J. S., CO., 1227 Callowhill, Phila., Pa. (See adv. on page 1262)
VIOGTMANN & CO., 42-54 E Erie, Chicago, Ill.; 8 Jones, N. Y., & 220 N Liberty, Baltimore, Md. (See adv. bottom of next page)
Witt Cornice Co., 8th & B'way, Cincinnati, O.
Wulff, W. C. & Co., 603 E Jeff'n, Louisville, Ky.

Window Frame & Sash (Wrought Steel)

Eckstein, Chas. G. (Imported), 249 Centre, N.Y.
Mesker, Geo. L., & Co., Evansville, Ind.
Schreiber, L. & Sons Co., 8th & Eggleston av, Cincinnati, O.
Streeter, H. A., Prop. Globe Iron Works (Streeter's Patent), 35 to 41 Indiana, Chicago, Ill.
Van Dorn Iron Works Co., Cleveland, O.

Window Guards

(See Wire Workers; also Wire Fences & Gates, Grilles, Wrought Iron; also Iron Architectural & Ornamental; also Bank & Office Railings.)

Window Guards (Pitt-Bostwick Patents)

PITT, WM. R. COMPOSITE IRON WORKS (Folding & Stationary), 111 5th av, New York. (See adv. index, end of book)

*Window Opening & Locking Devices (Lovell's)

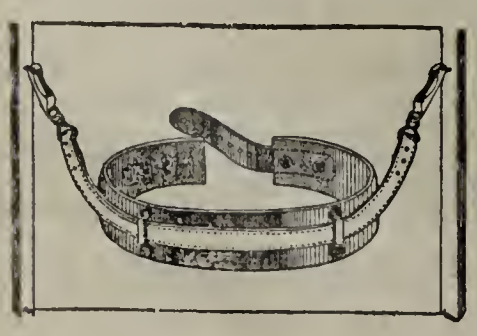
DROUVE, G., CO., 40 Tulip, Bridgeport, Conn. (See adv. index, end of book)

*Window Operating Device (Lovell's)

DROUVE, G., CO., 40 Tulip, Bridgeport, Conn. (See adv. index, end of book)

*Window Sash Pivot (Giesey's)

Steiner & Voegtly, 310 Wood, Pittsburg, Pa.



The Perfect Safety Window Guard

Patented Jan. 20, 1903

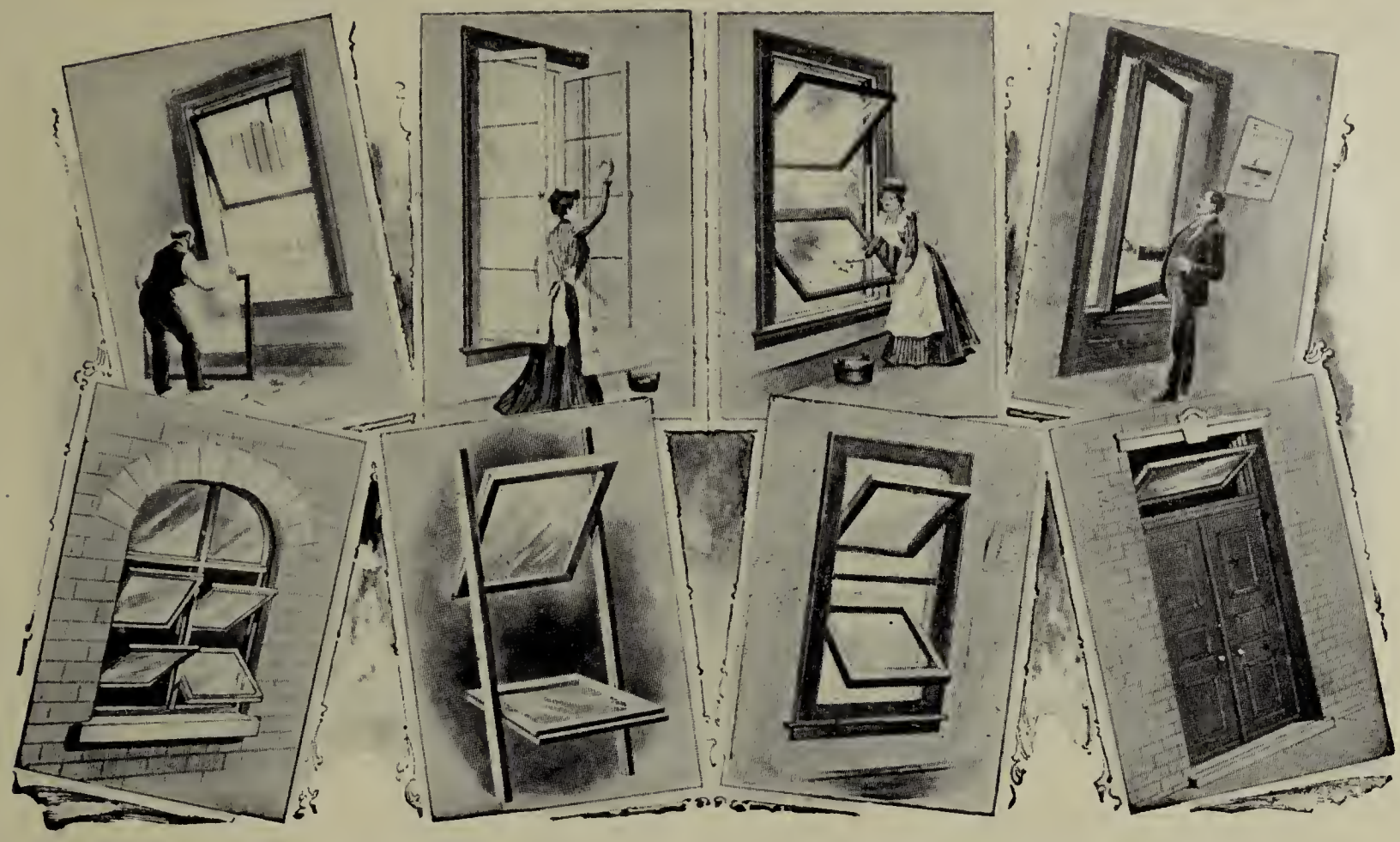
ROOM 2226, PARK ROW BUILDING, NEW YORK.

SECURITY AGAINST ACCIDENT ON OUTSIDE WINDOW CLEANING.

The latest improvement in WINDOW BELTS. Endorsed by leading Architects. Will hold over 5000 pounds by actual tests. Clip strap lined with metal strip insuring strength. Semi-globe head bolt. Terminal has knuckle joint, direct bearing in any position. Locks automatically and cannot become disengaged until removed by operator.

ANCHOR BOLTS made to order, to place in Reveal of Brick, Stone, Terra Cotta, etc., during construction of building. Now in use in prominent buildings.

TABOR'S REVOLVING SASH.





Manufacturers of

TABOR'S PATENT STRIPS and FIXTURES for SLIDING, REVOLVING, REMOVABLE, VERTICAL, STATIONARY PIVOTED and FRENCH CASEMENT SASH.

300,000 Installed during the Past 4 Years.

We Mention Below a Few of the Many Buildings Equipped with Tabor's Revolving Sash.

Bellevue-Stratford Hotel, Phila., Pa. Hewitt Bros . Arch., Phila., Pa.
R. H. Macy Co's Department Store, N. Y. Delemos & Cordes, Arch., N. Y.
Farmers Bank Building, Pittsburg. Alden & Harlow. Arch., Pittsburg.
Gimble Bros. Department Store, Philadelphia, Pa. Francis Kimball, Arch., N. Y.
Piedmont Hotel, Atlanta, Ga. W. F. Denny, Arch., Atlanta, Ga.
Elgin National Watch Co., Elgin, Ill. Patton & Miller, Arch., Chicago.
Martha Washington Hotel, N. Y R. W. Gibson, Arch., N. Y.
Lafayette Hotel, Buffalo. N. Y. Bethune, Bethune & Fuchs, Arch., Buffalo, N. Y.
St. Joseph's College, Phila., Pa. Wilson, Harris & Richards Arch., Phila., Pa.
American Tobacco Co., Richmond, Va. Lockwood, Green & Co., Arch., Boston, Mass.
Crucible Steel Co., West Bergen, N. J. J. T. Rowland, Arch , Jersey City, N. J.
Broad Street National Bank Building, Trenton, N. J. W. A. Poland, Arch., Trenton, N. J.
Lying-in-Hospital, N. Y. R. H Robertson, Arch., N. Y,
Connecticut Mutual Life Building, Hartford, Conn. Ernest Flagg, Arch., N. Y.
Moon Bros Carriage Co., St. Louis, Mo. Eames & Young, Arch., St. Louis, Mo,
Pneumatic Signal Co., Rochester, N. Y. Louis Stern, Arch., Rochester, N. Y.
Central R. R. of N. J. Car Shops, Elizabethport, N. J. Geo. Hill, Arch., N. Y.

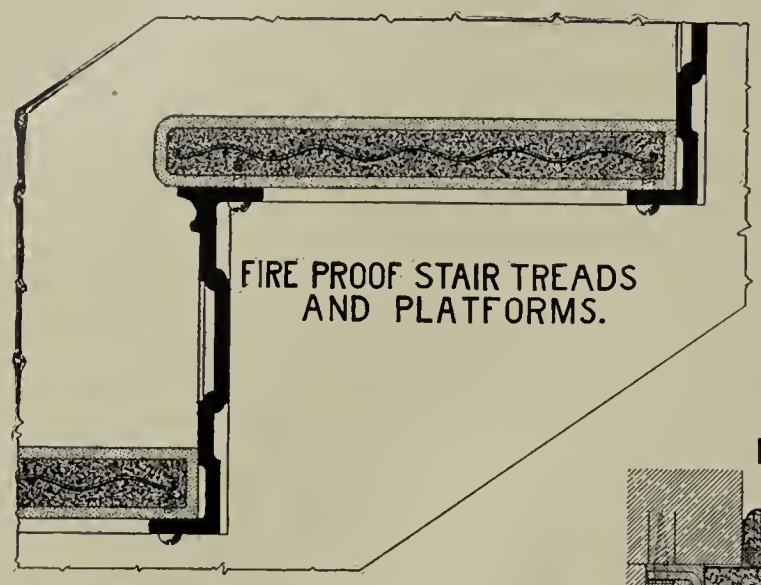
During the Last Four Years we have Equipped over 150 Public Schools with the Tabor Sash.

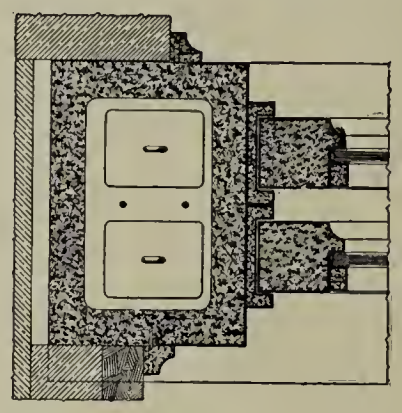
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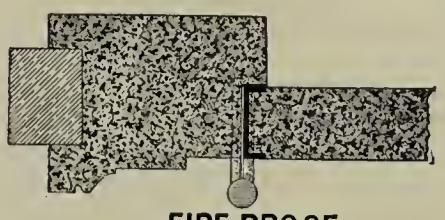




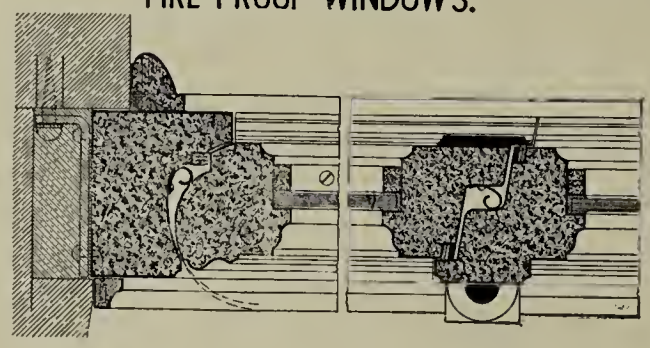
FIRE PROOF WINDOWS.

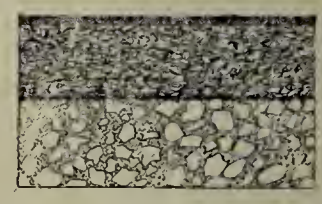


F.P. COLUMN COVERS.



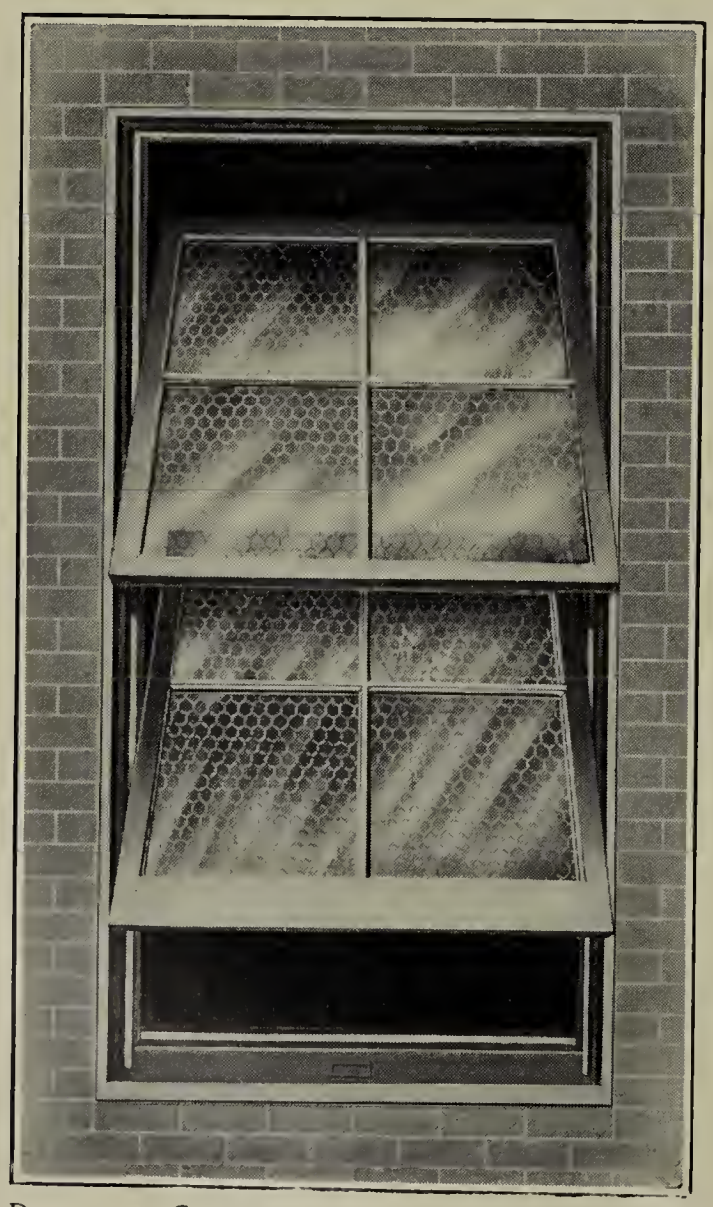
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Glazed with wired glass

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California Mfg. Co., 974 S Troy, Chicago, Ill.
Defender Safety Window Co., 151 Greene, Jersey City, N. J.
Haworth Reversible Sash Centre Co., Chicago, Ill.
Life Saving Window Co. (Inc.), 20 Broad, N. Y.
LUPTON'S, DAVID SONS CO. (Automatic Metallic Sash & Frame), Allegheny av Tulip, Phila., Pa.; 220 B'way, New York, & 216 Calvert, Baltimore, Md. (See adv. opp. this page)
New Century Mfg. Co., Rochester, N. Y.
TABOR SASH CO., 69 Polk, Newark, N. J., Chas. F. Whitcomb, Chicago, Representative, 156 Dearborn, Chicago. (See adv. opp. preceding page)
Waterstraat, W. T., 61 Austin av, Chicago, Ill.

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Ives, Hobart B., Co., New Haven, Conn.
Johnson, R. R. ("Johnson"), 167 Dearborn, Chicago, Ill.

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Stover Mfg. Co., Freeport, Ill.

Window Shade Mfrs.

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Manhattan Electrical Supply Co. ("Ezytest"), 32 Cortlandt, N. Y.

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Window & Door Screens

(See Screens, Window & Door.)

Windows (Fire-Proof)

(See Windows, Sheet Metal for Fireproof Construction.)

Windows (Fire-Proof, Wire Glass)

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BLANCHARD, J. F. CO., Fuller bldg, New York, N. Y. (See adv. index, end of book)
CLASON ARCHITECTURAL METAL Works (Inc.), 428 Kinsley av, Providence, R. I. (See adv. index, end of book)
Ellis, A. J. Co., West New York, N. J.
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Hayes, Geo., Co., 71 8th av, New York
KEIGHLEY, S. METAL CEILING & Mfg. Co., Pittsburg, Pa. (See adv. opp. page 1263)
Knisely Bros., 28th pl & 5th av, Chicago, Ill.
KNISELY, H. C. CO. (Revolving), 273 S Canal, Chicago, Ill. (See adv. opp. page 1263)
LUPTON'S, DAVID SONS CO. (Automatic), Allegheny av & Tulip, Phila., Pa.; 220 B'way, New York, & 216 Calvert, Baltimore, Md. (See adv. opp. this page)
M'FARLAND, J. C. & CO., 27th & 5th av, Chicago, Ill. (See adv. on next page)
MEADE ROOFING & CORNICE CO., 156 5th av, New York; 45th & Linmore av, Phila., Pa., & 120 Tremont, Boston, Mass.
MILLER, JAS. A. & BRO., 129 S Clinton, Chicago, Ill. (See adv. opp. page 1263)
PRUDEN, C. D. CO., Builders' Exchange, Baltimore, Md. (See adv. opp. page 1263)
RASNER & DINGER CO., 2d av & Ferry, Pittsburg, Pa. (See adv. opp. next page)
St. Paul Roofing, Cornice & Ornament Co., St. Paul, Minn.
SHACKLETON CO., 171 Prospect. Cleveland, O.
Smith-Warren Co., 93 Federal, Boston, Mass., & 253 B'way, N. Y.
SYKES STEEL ROOFING CO., 600 S Morgan, Chicago, Ill. (See adv. opp. next page)
THORN, J. S. CO., 1227 Callowhill. Phila., Pa. (See adv. on next page)
VOIGTMANN & CO. (Voightmann's Automatic Closing Patent), 42-54 E Erie. Chicago, Ill.; 8 Jones, N. Y., & 220 N Liberty, Baltimore, Md. (See adv. below)
Witt & Brown, 215 W 3d, Cinn., O.

Windows (Metallic Fire-Proof)

(See Windows, Sheet Metal for Fireproof Construction.)

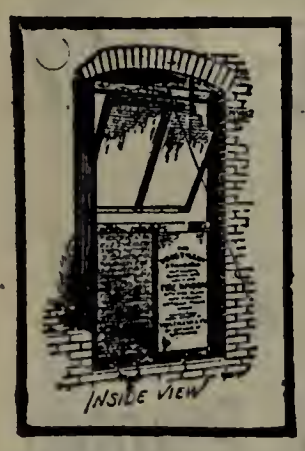
Windows (Reversible)

(See Window Sash, Reversible.)

Windows (Sheet Metal, for Fire-Proof Construction)

BADGER, E. & SONS (Automatic Reversible), 65 Pitt, Boston, Mass. (See adv. opp. page 1262)
BERGER MFG. CO., Canton, O.; 23 Lake, Chicago, Ill., & 210 E 23d, N. Y.
Biersach & Niedermeyer Co., 216 5th, Milwaukee, Wis.
BLANCHARD, J. F. CO., Fuller bldg, New York, N. Y. (See adv. index, end of book)
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Ellis, A. J. Co., West New York, N. J.
Hayes, Geo., Co., 71 8th av, New York.
HECLA IRON WORKS, 118 N 11th, Brooklyn, N. Y. (See adv. opp. this page)
Hicks, S. D., & Son, 9 Bowker, Boston, Mass.
Knisely Bros., 28th pl & 5th av, Chicago, Ill.
Lee, Thos., 130 W 2d, Cincnnati, O.
Leonard Sheet Metal Works ("Smith's"), 332 W 13th, N. Y.
LUPTON'S, DAVID SONS CO. (Automatic Reversible), Allegheny av & Tulip, Phila., Pa.; 220 B'way, New York, & 216 Calvert, Baltimore, Md. (See adv. opp. this page)

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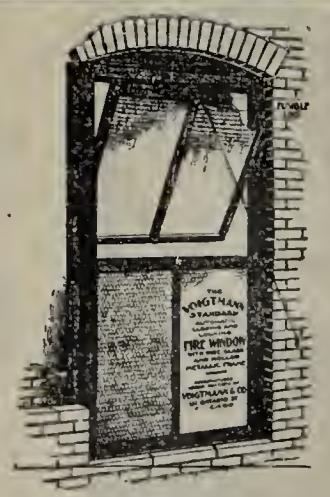
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St. Paul Roofing, Cornice & Ornament Co., St. Paul, Minn., & Baltimore, Md.
Smith-Warren Co. (Automatic Fireproof), 93 Federal, Boston, Mass.
SYKES STEEL ROOFING CO., 600 S Morgan, Chicago, Ill. (See adv. opp. this page)
TABOR SASH CO., 69 Polk, Newark, N. J., Chas. F. Whitcomb, Chicago, Representative, 156 Dearborn, Chicago. (See adv. opp. page 1260)
THORN, J. S. CO., 1227 Callowhill, Phila., Pa. (See adv. below)
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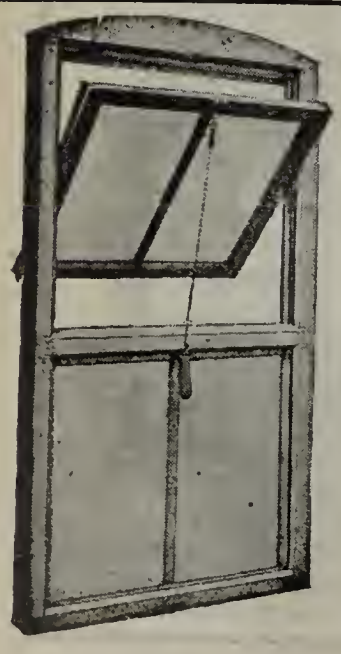
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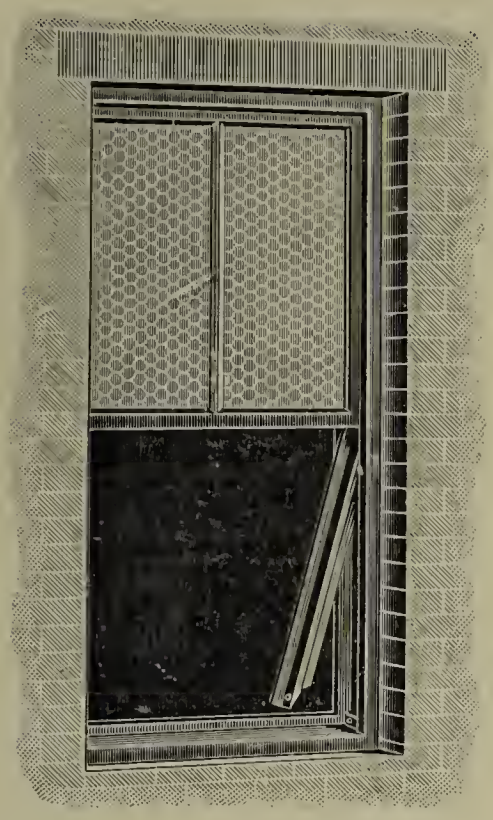
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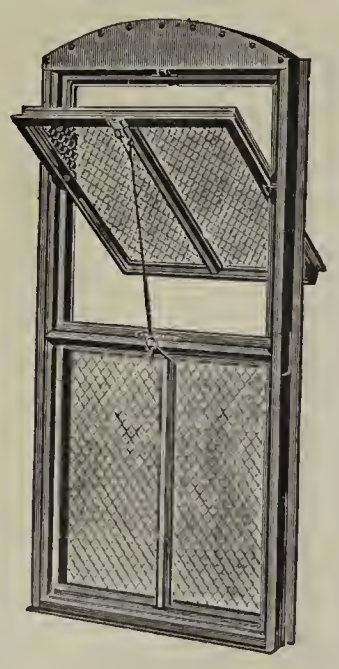
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CHICAGO, Ill., and NILES, O.

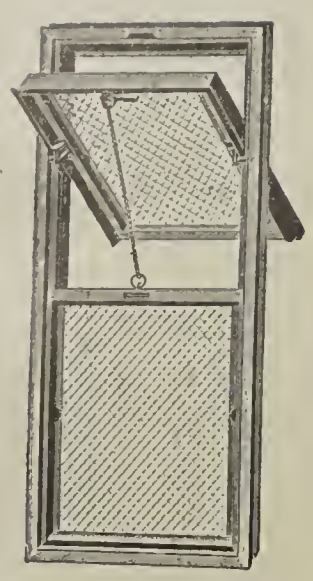
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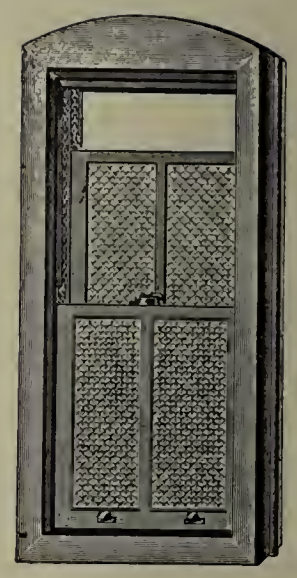
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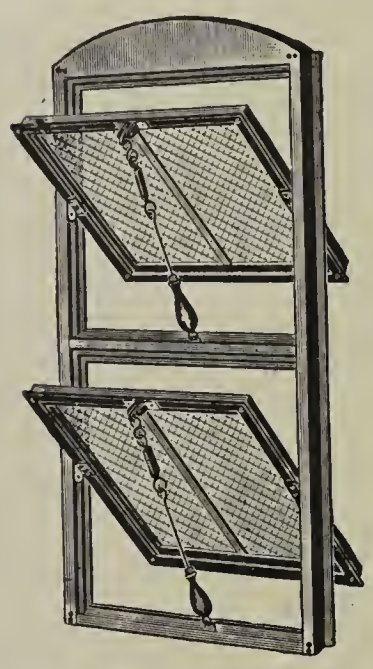
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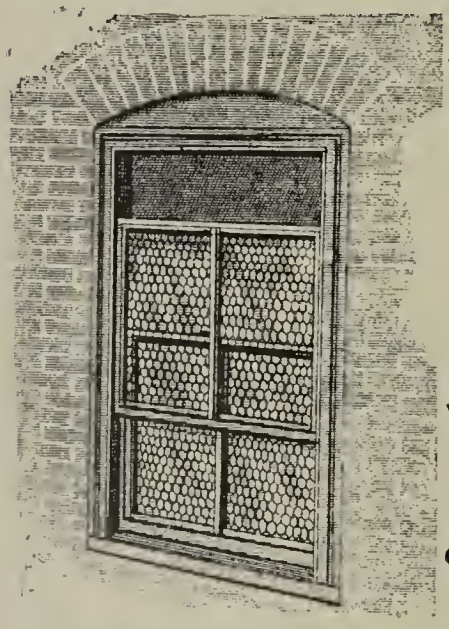
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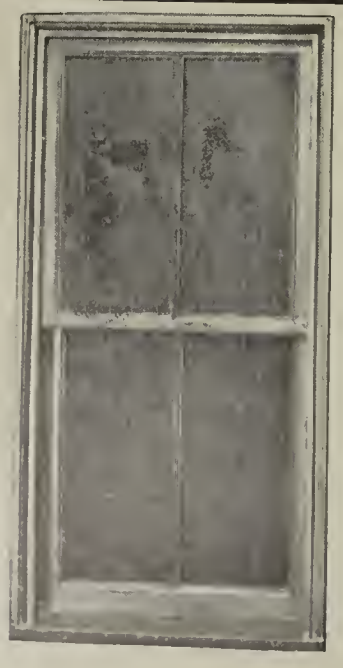
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Empire Wire Co., 42 Exchange pl, N. Y., & Rome, N. Y.
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(See Wire Market)

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Cuyahoga Wire & Fence Co., New Castle, Pa.
NATIONAL WIRE CORPORATION, 114 Liberty, New York. (See adv. index, end of book)
New Haven Wire Mfg. Co., New Haven, Conn.
Washburn Wire Co., 118th & Harlem River, New York, & Phillipsdale, R. I.
WRIGHT WIRE CO., Worcester, Mass. (See adv. index, end of book)

Wire (Cable)

AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & 16th & Folsom, San Francisco, Cal. (See adv. index, end of book)
Kokomo Steel & Wire Co., Kokomo, Ind.
NATIONAL WIRE CORPORATION, 114 Liberty, New York. (See adv. index, end of book)
Pittsburg Steel Co., People's Sav. Bank bldg, Pittsburg, Pa.
Union Steel Co. (Galvanized Twisted), Carnegie bldg, Pittsburg, Pa.

Wire Cables (Copper)

American Electrical Works, Providence, R. I.; 26 Cortlandt, New York, & 82 Lake, Chicago
AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & 16th & Folsom, San Francisco, Cal. (See adv. index, end of book)
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HAZARD MFG. CO., Wilkesbarre, Pa.; 50 Dey, New York; Conestoga bldg, Pittsburg, Pa., & 71 W Adams, Chicago, Ill. (See adv. index, end of book)
LESCHEN, A. & SONS ROPE CO., 920 N 1st, St. Louis, Mo.; 163 Wash'n, N. Y.; 137 E Lake, Chicago, Ill., & 1717-23 Arapahoe, Denver, Col. (See adv. index, end of book)
Roebling's, John A. Sons Co., Trenton, N. J.; 117 Liberty, New York; 171 Lake, Chicago, & 25 Fremont, San Francisco, Cal.
Standard Underground Cable Co., Westinghouse bldg, Pittsburg, Pa.

Wire (Card)

AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & 16th & Folsom, San Francisco, Cal. (See adv. index, end of book)
Prentiss, Geo. W. & Co., Holyoke, Mass.
Spencer Wire Co., Worcester, Mass.
Wright Wire Co., Worcester, Mass.

Wire (Chain)

AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & 16th & Folsom, San Francisco, Cal. (See adv. index, end of book)
NATIONAL WIRE CORPORATION, 114 Liberty, New York. (See adv. index, end of book)
Spencer Wire Co., Worcester, Mass.

Wire (Check Rower)

WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)

Wire Cloth

American Wire Cloth Co., Glen Rock, Pa.
AMOS, CHARLES & CO., 94 W Larned, Detroit, Mich. (See adv. index, end of book)
Barbee Wire & Iron Works, 44 Dearborn, Chicago, Ill., & Lafayette, Ind.
Barnum, E. T. Wire & Iron Works, 99-105 Shelby, Detroit, Mich.
Bigelow, Cheney Wire Works, Springfield, Mass.
Booth, John, 14 N Canal, Chicago, Ill.
Buffalo Wire Works Co., Buffalo, N. Y.
Cabble, Wm. Excelsior Wire Mfg. Co., 43 Fulton, N. Y., & 86 Ainslie, Brooklyn, N. Y.
Caire Justinian Co., 565 Market, San Francisco., Cal.
California Artistic Metal & Wire Co., 539 Mission, San Francisco, Cal.
California Wire Cloth Co., 8 Pine, San Francisco, Cal.
CINCINNATI MFG. CO., 1243 W 6th, Cincinnati, O. (See adv. index, end of book)
Clinton Wire Cloth Co., Clinton, Mass.; Sears bldg., Boston, Mass.; 33 Park pl, N. Y.; 237 Lake, Chicago, Ill.
COLUMBUS WIRE & IRON WORKS, Columbus, Ohio. (See adv. index, end of book)
Darby, Edw. & Sons, 233 Arch, Phila., Pa.
Denver Iron & Wire Works Co., 1403 Market, Denver, Col.
De Witt Wire Cloth Co., Belleville, N. J.; 703 Market, Phila., Pa., & 17 Warren, N. Y.
Dow Wire Works Co., 730 W Market, Louisville, Ky.
Dufur & Co., 311 N Howard, Baltimore, Md.
Eastwood Wire Mfg. Co. (Brass & Copper), Belleville, N. Y.
Estey Wire Works Co., 59 Fulton, N. Y.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.; 42 Cliff, N. Y., & 153 Lake, Chicago, Ill.
Hanover Wire Cloth Co., Hanover, Pa.
Hartford Wire Works, 247 Asylum, Hartford, Conn.
Howard & Morse, 45 Fulton, N. Y.
Kansas City Wire & Iron Works, 1428 Oak, Kansas City, Mo.
Lasar-Letzig Mfg. Co., 1124 Wash'n av, St. Louis, Mo.
Ludlow-Saylor Wire Co., 16th & O'Fallon, St. Louis, Mo.
MERRITT & CO., 1024 Ridge av, Phila., Pa. (See adv. index, end of book)
Meyers, Fredk. J. Mfg. Co., Hamilton, O.
MICHIGAN WIRE CLOTH CO. (All Kinds), 500 Howard, Detroit, Mich. (See adv. below)
Morss & Whyte, 75 Cornhill, Boston, Mass.
NATIONAL MFG. CO., Worcester, Mass.; 103 Chambers, New York, & Equitable bldg, Boston, Mass. (See adv. index, end of book)
New Freedom Wire Cloth Co. (Screen), New Freedom, Pa.
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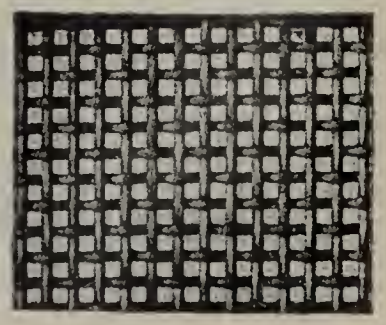
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SMITH, F. P. WIRE & IRON WORKS, 100 Lake, Chicago, Ill. (See adv. index, end of book)
Snow Wire Works Co., 76 Exchange, Rochester, N. Y.
Strawbridge & Chase Co. (Ltd.), 228 Arch, Phila., Pa.
Syracuse Wire Works, Syracuse, N. Y.
Tristram, Jas. J., Rockville Centre, N. Y.
TYLER, W. S. CO., 1150 St. Clair, Cleveland, O.; 11 B'way, N. Y., & Bessemer bldg, Pittsburg, Pa. (See adv. index, end of book)
Voss, Frederick, 617 to 621 Austin av, Chicago, Ill.
What Cheer Wire Works, Providence, R. I.
West Coast Wire & Iron Works, 17 Fremont, San Francisco, Cal.
White Wire Works Co. (Inc.), 47 Exchange, Buffalo, N. Y.
Whyte, Oliver & Co., 17 Cornhill, Boston, Mass.
Wickwire Bros., Cortland, N. Y.
Williams, Geo. A. & Sons, 85 Fulton, N. Y.
WRIGHT WIRE CO., Worcester, Mass. (See adv. index, end of book)

Wire Cloth (Brass & Copper)

Atlanta Wire & Iron Works Co., Atlanta, Ga.
Eastwood Wire Mfg. Co., Belleville, N. J.
Gilbert, Bennett Mfg. Co., Georgetown, Conn.; 24 Cliff, New York, & Chicago
HUNGERFORD, U. T. BRASS & COPPER CO., 497 Pearl, N. Y.
MICHIGAN WIRE CLOTH CO., 500 Howard, Detroit, Mich. (See adv. on preceding page)
TYLER, W. S. CO., 1150 St. Clair, Cleveland, O.; 11 B'way, N. Y., & Bessemer bldg, Pittsburg, Pa. (See adv. index. end of book)
Wickwire Bros., Cortland, N. Y.
WRIGHT WIRE CO., Worcester, Mass. (See adv. index, end of book)

Wire (Coiled Spring)

Eastwood Wire Mfg. Co. (Brass), Belleville, N. J.
Frost Wire Fence Co., Cleveland, O.
Kidd Bros. & Burgher Steel Wire Co. (Crucible, Needle, Awl, Spring, etc.), Aliquippa, Pa.
Kokomo Steel & Wire Co., Kokomo, Ind.
Washburn Wire Co., Phillipsdale, R. I., & 118th & Harlem River, N. Y.

Wire (Copper)

(See Wire, Brass & Copper.)

Wire (Copper Telephone)

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AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & 16th & Folsom, San Francisco, Cal. (See adv. index, end of book)
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Standard Underground Cable Co., Westinghouse bldg, Pittsburg, Pa.; 56 Liberty, New York; Betz bldg., Phila., Pa.; "Rookery," Chicago, Ill.; 10 P. O., Boston, Mass., & Crossley bldg, San Francisco, Cal.

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AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & 16th & Folsom, San Francisco, Cal. (See adv. index, end of book)
Cuyahoga Steel & Wire Co., Cuyahogo Falls, O.
Cuyahoga Wire & Fence Co., New Castle, Pa.
Igoe Iron & Steel Co., 226 N 9th, Brooklyn, N. Y.
NATIONAL WIRE CORPORATION, 114 Liberty, New York. (See adv. index, end of book)
Prentiss, G. W. & Co., Holyoke, Mass.
Reading Screw Co., Norristown, Pa.
Roebling's, John A. Sons Co., Trenton, N. J.; 177 Liberty, N. Y., & 171 Lake, Chicago, Ill.
Spencer Wire Co., Worcester, Mass.
Standard Underground Cable Co., Westinghouse bldg, Pittsburg, Pa.; 56 Liberty, New York; Betz bldg, Phila., Pa.; "Rookery," Chicago, Ill.; 10 P. O., Boston, Mass., & Crossley bldg, San Francisco, Cal.
Stewart Wire Co., Easton, Pa.
Washburn Wire Co., Phillipsdale, R. I., & 118th & Harlem River, N. Y.
Wickwire Bros., Cortland, N. Y.
WRIGHT WIRE CO., Worcester, Mass. (See adv. index, end of book)

Wire Cord

NATIONAL WIRE CORPORATION, 114 Liberty, New York. (See adv. index, end of book)
WRIGHT WIRE CO., Worcester, Mass. (See adv. index, end of book)

Wire (Corn Hopper)

Wickwire Bros., Cortlandt, N. Y.

Wire (Double Crimped Steel)

AMOS, CHARLES & CO., 94 W Larned, Detroit, Mich. (See adv. index, end of book)
Kokomo Steel & Wire Co., Kokomo, Ind.

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American Electrical Works, Providence, R. I.; 26 Cortlandt, New York, & 82 Lake, Chicago
AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & 16th & Folsom, San Francisco, Cal. (See adv. index, end of book)
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HAZARD MFG. CO., Wilkesbarre, Pa.; 50 Dey, New York; Conestoga bldg. Pittsburg, Pa., & 71 W Adams, Chicago. Ill. (See adv. index, end of book)
OKONITE CO., Ltd. (Railway Feed, etc.), 253 B'way, New York. (See adv. index, end of book)
Roebling's, John A. Sons Co., Trenton, N. J.. 117 Liberty, New York; 171 Lake, Chicago. & 25 Freemont, San Francisco, Cal
Safety Insulated & Cable Wire Co., 114 Liberty. New York
Standard Underground Cable Co., 56 Liberty New York; Westinghouse bldg, Pittsburg. Pa.; Betz bldg, Phila., Pa.; "Rookery," Chicago, Ill.; 10 P. O., Boston, Mass., & Crossley bldg, San Francisco, Cal.

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AJAX IRON & WIRE CO., 75 York. Brooklyn, N. Y.
Adams, W. J., Joliet, Ill.
American Truss Fence Co., Pekin, Ill.
AMOS, CHARLES CO., 94 W Larned. Detroit, Mich. (See adv. index, end of book)
Anchor Post Iron Works, 15 Cortlandt, N. Y.
Anthony Fence Co., Tecumseh, Mich.
Barbee Wire & Iron Works, 44 Dearborn, Chicago, Ill., & Lafayette, Ind.
Barnum, E. T. Wire & Iron Works, Detroit, Mich.
Belmer, H. & Co., 12 E 2d, Cincinnati, O.
Bennett, H. L. & Co., Westerville, O.
Bloomer, R. H. Mfg. Co., Council Bluffs, Ia.
Boley Wire Fence Co., Sandusky, O.
Bounds Wire Fence Co. (Farm & Railroad), Columbus, O.
Bowen Cable Stay Fence Co., Norwalk, O.
Carpenter, F. E. Co., 9 Warren, New York
CINCINNATI MFG. CO., 1243 W 6th, Cincinnati, O. (See adv. index, end of book)
Clinton Wire Cloth Co., 33 Park pl, New York; Sears bldg, Boston, Mass.; 237 Lake, Chicago, Ill., & Clinton, Mass.
Common Sense Fence Co., Homer, Ind.
Cuyahoga Wire & Fence Co. (Annealed & Galvanized), New Castle, Pa.
Cyclone Woven Wire Fence Co. (Cyclone Woven Wire), Holly, Mich.
Davis & Siehl, 3711 Colerain av, Cincinnati, O.
De Kalb Fence Co., De Kalb, Ill.
Denning Fence Works, Cedar Rapids, Ia.
Denver Iron & Wire Works, Denver, Col.
Des Moines Wire Works, Des Moines, Ia.
De Witt Wire Cloth Co., 17 Warren, New York; 703 Market, Philadelphia, Pa., & Belleville, N. J.
Dow Wire Works Co., 730 W Market, Louisville, Ky.
Dufur & Co., 311 N Howard, Baltimore, Md.
Dwiggins Wire Fence Co. (For Fields, Lawns, Cemeteries & Parks), Anderson, Ind.
Elliott & Reid Co. (Slat Fence, etc.), Richmond, Ind.
Enterprise Foundry & Fence Co. (Cemetery, Farms, etc.), Indianpolis, Ind.
Estey Wire Works Co., 59 Fulton, New York
Eureka Fence Mfg. Co. (Lawn Fences & Gates, etc.), Richmond, Ind.
Fiske, J. W., 39 Park pl., New York
Frost Wire Fence Co. (Steel Gates), Lake & Marquette, Cleveland, O.
Gate City Fence Works, Atlanta, Ga.
Gem Wire Fence Co., Pontiac, Mich.
Gilbert & Bennet Mfg. Co., 42 Cliff, New York; 153 Lake, Chicago, Ill., & Georgetown, Conn.
Gholson, W. C. Fence Co. (Also Steel Rod), 1746 Reading rd, Cincinnati, O.
Globe Iron Foundry Co., 901 Victor
Hanny, Chas. G. & Co., 856 North av, Allegheny, Pa.
Healy & Murray, Fremont, Neb.
HICKEY, M. H. WIRE & IRON Works, 52 Dearborn, Chicago, Ill.
Hinderer, C. A. F., 1112 Camp, New Orleans, La.
Holmes & Ward Bros., Cadiz, O.
Illinois Wire Co., Monadnock blk, Chicago, Ill.
Indiana Anchor Fence Co., South Bend, Ind.
INTERNATIONAL FENCE & FIRE-Proofing Co. (Plain Coiled, Barbed & Ornamental for Farm & Railroad), Buttles av, Columbus, O. (See adv. index, end of book)
International Steel Post Co., 719 Chestnut, St. Louis, Mo.
Imperial Wire, Iron & Roofing Co., 221 W Market, Louisville, Ky.
Janesville Barb Wire Co., Janesville, Wis.

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Dear Sirs:-

We have just received a copy of the 14th annual edition of your publication. This book impresses us very favorably, not only on account of its general appearance, but as we glance over the pages it shows great care and practical skill in compiling. We must confess that when we agreed to advertise in this directory we did so with some reluctance, because we do not look favorably upon directories. Yours has been an exception, and we thank you for the excellent display which you have given us, which we believe has already led to good results. Several orders have been received which we can trace directly to you, and we are so favorably impressed with the success of your work for us that we shall be glad to have you reserve for us in your next edition the same amount of space as we have in the present one; that is, two pages.

We have a large number of branch offices and a rather extensive selling department, but notwithstanding this we find that you furnish us with information in advance, giving us pointers which lead directly to business.

Assuring you of our best consideration and interest, and again congratulating you upon the work you are doing, we remain,

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Locked Wire Fence Co., Madison, Wis.
Ludlow-Saylor Wire Co., 4th c Elm, St. Louis, Mo.
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Mason, W. H. & Co., Leesburg, O.
MERRITT & CO., 1024 Ridge av, Philadelphia, Pa. (See adv. index, end of book)
Michigan Anchor Fence Co. (Inc.), South Haven, Mich.
Minnesota Fence Works, 67 E 9th, St. Paul, Minn.
Missouri Anchor Fence Co., St. Joseph, Mo.
Moore, Alfred F., 202 N 3d, Philadelphia, Pa.
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Nimmo Fence Co., 324 E 4th, Cincinnati, O.
Ohio Anchor Fence Co., 229 Z, River, Cleveland, O.
Ornamental Iron & Wire Co. (Inc.), Portsmouth, Va.
Page Woven Wire Fence Co. (For all Purposes), Monessen, Pa., Adrian, Mich., & 200 Monroe, Chicago, Ill.
Pittsburg Steel Co. (Perfect), Pittsburg, Pa.
Queen City Wire Works, 193 Seneca, Buffalo,
Rickards Fence Co. (Rickards Steel Picket), Keokuk, Ia.
Rogers Iron Co., Springfield, O.
St. Louis Wire & Iron Co., 518 Chouteau av, St. Louis, Mo.
Simmons & Sons, Spokane, Wash.
SMITH, F. P. WIRE & IRON WORKS, 100 Lake, Chicago, Ill. (See adv. index, end of book)
Spencer Wire Co., Worcester, Mass.
Spring Steel Fence & Wire Co., Anderson, Ind.
Stewart Iron Works Co., 714 E 3d, Cincinnati, O.
TAYLOR & DEAN, 205 Market, Pittsburg, Pa. (See adv. index, end of book)
Truss & Cable Fence Co., Cleveland, O.
Tulley, C. H. & Co., Grand Island, Neb.
Union Fence Co., De Kalb, Ill.
Utley, Thos., Miami, Mo.
Victor Wire Fence Co., Anderson, Ind.
Voss, Frederick, 617 Austin av, Chicago, Ill.
Wayne Iron Works (Inc.), Arcade bldg, Phila., Pa.
Wisconsin Iron & Wire Works, 186 E Water, Milwaukee, Wis.
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Wire (Fourdrinier)

Brown & Sellers Co., 21 Ely, Holyoke, Mass.
Buchanan & Bolt Wire Co., Holyoke, Mass.
Eastwood Wire Mfg. Co., Belleville, N. J.
TYLER, W. S. CO., 1150 St. Clair, Cleveland, O.; 11 B'way, New York, & Bessemer bldg, Pittsburg, Pa. (See adv. index, end of book)

Wire (Fuse)

(See Fuse, Wire.)

Wire (Galvanized)

(See Wire, Market.)

Wire (Gas Fixture)

Bishop Gutta Percha Co., 422 E 25th, N. Y.
Moore, Alfred F., 202 N 3d, Phila., Pa.

Wire (German Silver)

BENEDICT & BURNHAM MFG. CO., Waterbury, Conn.; 253 B'way, N. Y.; 172 High, Boston, Mass., & 167 Lake, Chicago, Ill. (See adv. index, end of book)
Bridgeport Brass Co., Bridgeport, Conn., & 19 Murray, N. Y.
Bristol Brass & Clock Co., Bristol, Conn., & 46 W B'way, N. Y.
Coe Brass Mfg. Co., Torrington, Conn.
Detroit Copper & Brass Rolling Mills, Detroit, Mich.
Holmes, Booth & Haydens Co., 37 Park pl., N. Y., & Waterbury, Conn.
Plume & Atwood Mfg. Co., Waterbury, Conn.
Scovill Mfg. Co., Waterbury, Conn.
Seymour Mfg. Co., Seymour, Conn.
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(See Glass, Wire, Mfrs.)

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Brooks, M. S. & Sons (All Kinds of Screw Specialties, etc.), Chester, Conn.
COLLINS, EMMONS, 20 W Randolph, Chicago, Ill.
Jencke's, E. Mfg. Co. (Special, Bright Iron, etc.), Pawtucket, R. I., & Bourse bldg, Phila., Pa.
Lydall, H. & Foulds, Manchester, Conn.
Ossawan Mills Co. ((Bright), Norwich, Conn.

Wire (Gun Wrapping)

AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & 16th & Folsom, San Francisco, Cal. (See adv. index, end of book)
NATIONAL WIRE CORPORATION, 114 Liberty, New York. (See adv. index, end of book)

Wire (Hercules)

Kokomo Steel & Wire Co. (Made from Four Wires Braided), Kokomo, Ind.

Wire (Insulated)

Acme Wire Co. (Copper), New Haven, Conn.
American Electrical Works, Providence, R. I.; 26 Cortlandt, N. Y., & 82 Lake, Chicago,
AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & 16th & Folsom, San Francisco, Cal. (See adv. index, end of book)
Anchor Electric Co., 71 Federal, Boston, Mass.
Ansonia Brass & Copper Co., Ansonia, Conn., & 99 John, N. Y.
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Brixey, Rich. DeW. ("Kerite"), 203 B'way, N. Y.
Chicago Insulated Wire Co., Sycamore, Ill., & 152 Lake, Chicago, Ill.
Collyer Insulated Wire Co., Pawtucket, R. I.
Connecticut Insulating Wire Co., Ansonia, Conn.
Crescent Insulated Wire & Cable Co., Trenton, N. J., & 53 Barclay, N. Y.
Driver-Harris Wire Co., Newark, N. J.
Eastern Electric Cable Co., 61 Hampshire, Boston, Mass.
Electric Wire Works, Rome, N. Y.
Empire Wire Co., 43 Exchange pl, New York, & Rome, N. Y.
GENERAL ELECTRIC CO. (All Kinds), Schenectady, N. Y., & 44 Broad, N. Y. (See adv. index, end of book)
Granite State Electric Co., Lisbon, N. H.
HAZARD MFG. CO. (Rubber), Wil- Kesbarre, Pa.; 50 Dey, New York; Conestoga bldg, Pittsburg, Pa., & 71 W Adams, Chicago, Ill. (See adv. index, end of book)
Holmes, Booth & Haydens Co., Waterbury, Conn., & 37 Park pl, N. Y.
India Rubber & Gutta Percha Insulating Co., 15 Cortlandt, N. Y.
Indiana Rubber & Insulated Wire Co., Jonesboro, Ind.
Magnet Wire Co., 42 B'way, New York
Marion Insulated Wire & Rubber Co., Marion, Ind.
Miller-Knoblock Electric Mfg. Co., South Bend, Ind.
Montauk Fire Detecting Wire Co., 100 B'way, N. Y.
Moore, Alf. F. (All Kinds), 200 N 3d, Phila., Pa.
National Cable & Wire Co. (Rubber Covered), Westinghouse bldg, Pittsburg, Pa. Factories: Wireton, Pa.
National Conduit & Cable Co., 41 Park row, N. Y.; 10 P. O. sq., Boston, Mass., & The Rookery, Chicago, Ill.
National India Rubber Co., Bristol, R. I.
National Insulated Wire Co., Bristol, R. I.

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N. Y. Insulated Wire Co., 114 Liberty, N. Y.
OKONITE CO. (Ltd.), 253 B'way, N. Y. (See adv. top of page)
Pacific Electrical Works, Los Angeles, Cal.
Phillips Insulated Wire Co., Pawtucket, R. I.
Rhode Island Electrical Works, Pawtucket, R.I.
Roebling's, John A. Sons Co., Trenton, N. J.; 117 Liberty, N. Y.; 171 Lake, Chicago, Ill., & 25 Fremont, San Francisco, Cal.
Safety Insulated Wire & Cable Co., 114 Liberty, N. Y.
Simplex Electrical Co., 110 State, Boston, Mass.
Standard Underground Cable Co., Westinghouse bldg, Pittsburg, Pa.; 56 Liberty, N. Y.; 10 P. O., Boston, Mass., & San Francisco, Betz bldg, Phila., Pa.; "The Rookery," Chicago, Ill.
Washburn Wire Co., Phillipsdale, R. I., & 118th & Harlem River, N. Y.
Western Electric Co., 259 S Clinton, Chicago, Ill., & 57 Bethune, N. Y.

Wire (Lead Covered)

(See Cables, Lead Covered.)

Wire (Machinery)

AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & 16th & Folsom, San Francisco, Cal. (See adv. index, end of book)
NATIONAL WIRE CORPORATION, 114 Liberty, New York. (See adv. index, end of book)
Prentiss, Geo. W. & Co., Holyoke, Mass.
Washburn Wire Co., Phillipsdale, R. I., & 118th & Harlem River, N. Y.

Wire (Magnet)

Acme Wire Co., New Haven, Conn.
American Electrical Works, Providence, R. I.; 26 Cortlandt, N. Y., & 82 Lake, Chicago, Ill.
AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & 16th & Folsom, San Francisco, Cal. (See adv. index, end of book)
Ansonia Brass & Copper Co., Ansonia, Conn.. & 99 John, N. Y.
Ansonia Electrical Co., Ansonia, Conn.
Bishop Gutta Percha Co., 422 E 25th, N. Y.
Bradford, Kyle & Co., Plymouth, Mass.
Chicago Insulated Wire Co., 152 Lake, Chicago, Ill., & Sycamore, Ill.
Connecticut Insulating Wire Co., Ansonia, Conn.
Crescent Insulated Wire & Cable Co., Trenton, N. J.
Electric Wire Works, Rome, N. Y.
Empire Wire Co., 43 Exchange pl, N. Y., & Rome, N. Y.
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad,, New York. (See adv. index, end of book)
HAZARD MFG. CO., Wilkesbarre, Pa.; 50 Dey, New York; Conestoga bldg, Pittsburg, Pa., & 71 Adams, Chicago, Ill. (See adv. opp. this page)
Holmes, Booth & Haydens Co., 37 Park pl, N. Y., & Waterbury, Conn.
Kellogg Switchboard & Supply Co. (Fine), Green & Congress, Chicago, Ill.
Magnet Wire Co., 42 B'way, New York
McDermid Mfg. Co., 118 W Jackson boul, Chicago, Ill.
Miller-Knoblock Electric Mfg. Co., South Bend, Ind.
Moore, Alfred F., 200 N 3d, Phila., Pa.
New England Electric Works, Lisbon, N. H.
Rhode Island Electrical Works, Pawtucket, R. I., & 26 Cortlandt, N. Y.
Roebling's, John A. Sons Co., Trenton, N. J.; 117 Liberty, N. Y., & 171 Lake, Chicago, Ill.
Standard Underground Cable Co., Westinghouse bldg, Pittsburg, Pa.; 56 Liberty, N. Y.; Betz bldg, Phila., Pa.; The Rookery, Chicago, Ill.; 10 P. O., Boston, Mass., & San Francisco, Cal.

Wire (Market)

AMERICAN CAN CO. (Galvanized Wire), 11 B'way, New York
AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; Battery Park bldg, New York; Western Reserve bldg Cleveland, O., & 16th & Folsom, San Francisco, Cal. (See adv. index, end of book)
Cuyahoga Steel & Wire Co. (Fence, etc.), Cuyahoga Falls. O.
Cuyahoga Wire & Fence Co. (Bright, Tinned & Coppered), New Castle, Pa.
Dillon-Griswold Wire Co. (Annealed, Bright & Galvanized), Sterling, Ill.
Griswold Wire Co. (Annealed), Braddock, Pa.
HAZARD MFG. CO., Wilkesbarre. Pa.; 50 Dey, New York; Conestoga bldg, Pittsburg, Pa., & 71 W Adams, Chicago, Ill. (See adv. opp. this page)
Igoe Iron & Steel Co., 226 N 9th, Brooklyn, N. Y.
Indiana Steel Wire Co., Muncie, Ind.
Kokomo Steel & Wire Co., Kokomo, Ind.
NATIONAL WIRE CORPORATION, 114 Liberty, New York. (See adv. index, end of book)
Norton Iron Works (Inc.), Ashland, Ky.
Pittsburg Steel Co., 307 4th av, Pittsburg, Pa., & Glassport, Pa.
Roebling's, John A. Sons Co., Trenton, N. J.
Spencer Wire Co. (Stone & Weaving), Worcester, Mass.; 253 B'way, N. Y.; 172 High, Boston, Mass., & 167 Lake, Chicago, Ill.
Stewart Wire Co., Easton, Pa.
Washburn Wire Co., Phillipsdale, R. I., & 118th & Harlem River, N. Y.
Wickwire Bros. (Annealed, Bright & Galvanized), Cortland, N. Y.
WRIGHT WIRE CO. (Annealed, Bright & Galvanized), Worcester, Mass. (See adv. index, end of book)

Wire Mats (Steel)

(See Mats & Matting. Steel Wire.)

Wire Mattress

Cuyahogaa Wire & Fence Co., New Castle, Pa.
WRIGHT WIRE CO. (Tinned), Worcester, Mass. (See adv. index, end of book)

Wire Nails

(See Nails, Wire.)

Wire (Nut)

AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & 16th & Folsom, San Francisco, Cal. (See adv. index, end of book)

Wire (Phosphor Bronze)

AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & 16th & Folsom, San Francisco, Cal. (See adv. index, end of book)
Phosphor Bronze Smelting Co., 2200 Wash'n av, Phila., Pa.

Wire (Piano or Music)

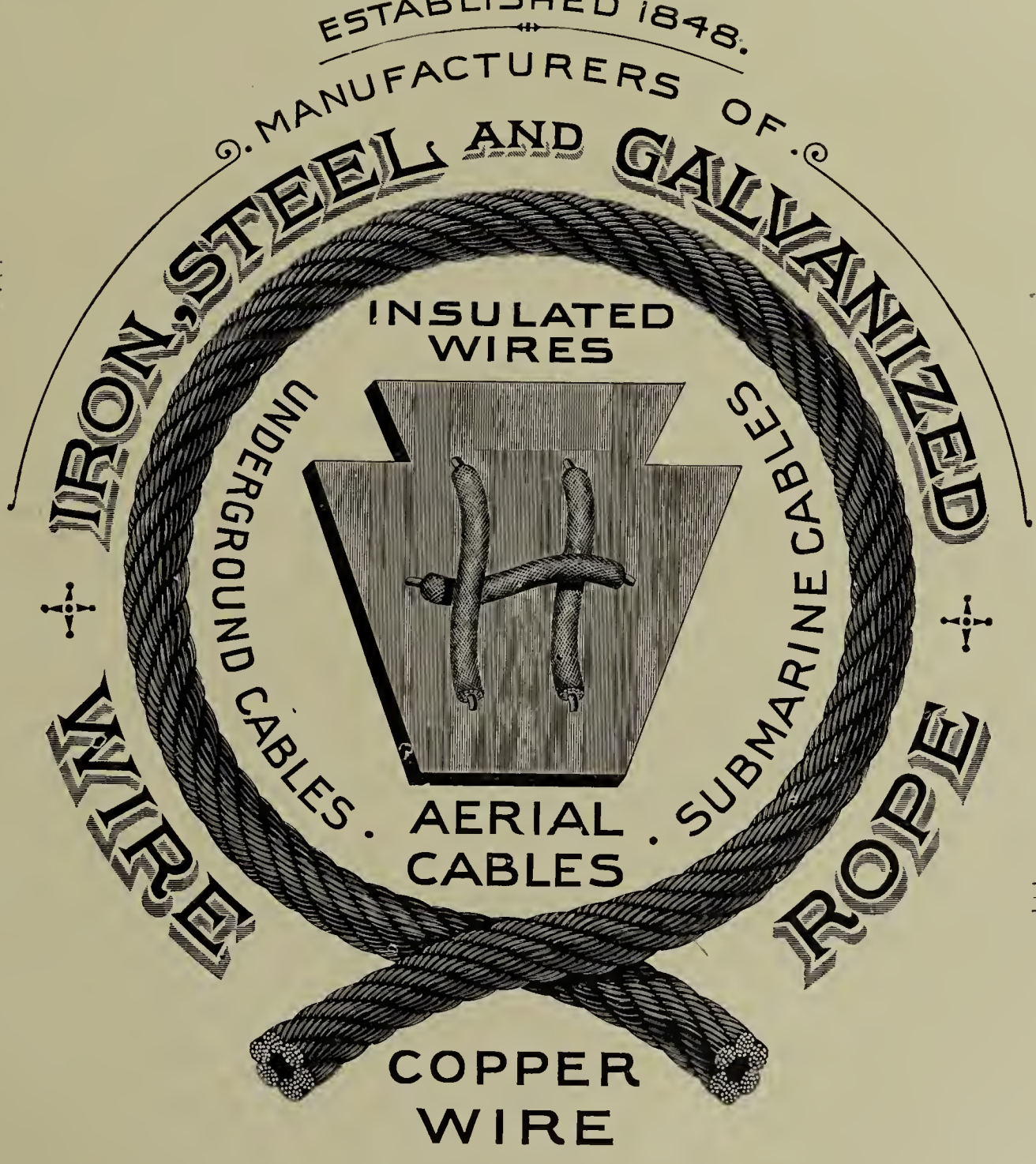
AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & 16th & Folsom, San Francisco, Cal. (See adv. index, end of book)
Carpenter Steel Co., Reading, Pa.; 1 B'way, New York, & 65 W. Wash'n, Chicago, Ill.
Driver-Harris Wire Co., Harrison, N. J.
HAMMACHER, SCHLEMMER & CO., 133 4th av, N. Y. (See adv. index, end of book)
Malin & Co. (Cast Steel), 34 Long, Cleveland, Ohio
NATIONAL WIRE CORPORATION, 114 Liberty, New York. (See adv. index, end of book)
Washburn Wire Co., Phillipsdale, R. I., & 118th & Harlem River, N. Y.

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Kidd Bros. & Burgher Steel Wire Co. (Polished), Aliquippa, Pa.
NATIONAL WIRE CORPORATION. 114 Liberty, New York. (See adv. opp. next page)

Wire (Platinum)

(See Platinum Sheet & Wire.)

Wire (Poultry Netting)

AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; Battery Park bldg, New York; Western Reserve bldg. Cleveland, O., & 16th & Folsom, San Francisco, Cal. (See adv. opp. page 1269
American Wire & Iron Works Co., Atlanta, Ga.
Barbee Wire & Iron Works. 44 Dearborn, Chicago, Ill., & Lafayette, Ind.
Booth, John, 114 Lake, Chicago, Ill.
Buffalo Wire Works Co., Buffalo, N. Y.
California Wire Cloth Co., 8 Pine, San Francisco, Cal.
CINCINNATI MFG. CO., 1243 W 6th, Cincinnati, O. (See adv. index, end of book)
Clinton Wire Cloth Co., Clinton, Mass.; Sears bldg, Boston, Mass.; 37 Park pl, N. Y., & 237 Lake, Chicago, Ill.
Darby, Edw. & Sons, 233 Arch, Phila., Pa.
De Kalb Fence Co., De Kalb, Ill.
De Witt Wire Cloth Co., 703 Market, Phila., Pa.; 17 Warren, N. Y., & Belleville, N. J.
Dow Wire Works Co., 730 W Market, Louisville, Ky.
Dufur & Co., 311 N Howard, Baltimore, Md.
Estey Wire Works Co.. 59 Fulton, N. Y.
Eureka Fence Mfg. Co. (Acme), Richmond, Ind.
Fiske, J. W., 39 Park pl, N. Y.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.; 42 Cliff, N. Y., & 153 Lake, Chicago, Ill.
Hallidie-Painter Tramway Co., 46 Fremont, San Francisco, Cal.
Howard & Morse, 45 Fulton, N. Y.
NATIONAL WIRE CORPORATION, 114 Liberty, New York. (See adv. opp. next page)
New Jersey Wire Cloth Co., Trenton, N. J.
Nimmo Fence Co., 324 E 4th, Cincinnati, O.
Pittsburg Steel Co., 307 4th av, Pittsburg & Glassport, Pa.
Scheeler's Sons, 316 Terrace, Buffalo, N. Y.
SMITH, F. P. WIRE & IRON WORKS, 100 Lake, Chicago, Ill. (See adv. index, end of book)
TYLER, W. S. CO., 1150 St. Clair, Cleveland, O.; 11 B'way, N. Y., & Bessemer bldg, Pittsburg, Pa. (See adv. index, end of book)
West Coast Wire & Iron Works, San Francisco, Cal.
Wickwire Bros., Cortland, N. Y.
WRIGHT WIRE CO., Worcester, Mass. (See adv. on next page)

Wire (Resistance)

American Electrical Works, Providence, R. I.; 26 Cortlandt, N. Y., & 82 Lake, Chicago, Ill.
Bradford, Kyle & Co., Plymouth, Mass.
Chicago Insulated Wire Co., 152 Lake, Chicago, Ill., & Sycamore, Ill.
Coe Brass Mfg. Co., Torrington, Conn.
Crescent Insulated Wire & Cable Co., Trenton, N. J.
Driver-Harris Wire Co., Harrison, N. J.
Holmes, Booth & Haydens Co., 37 Park pl., N. Y., & Waterbury, Conn.
Moore, Alfred H., 200 N 3d, Phila., Pa.
National Steel & Wire Co., New Haven, Conn., & 114 Liberty, New York
New England Electric Works, Lisbon, N. H.
Roebling's, John A. Sons Co., Trenton, N. J.; 117 Liberty, N. Y., & 171 Lake, Chicago, Ill.
Scovill Mfg. Co., Waterbury, Conn.
Seymour Mfg. Co., Seymour, Conn.
Standard Underground Cable Co., Westinghouse bldg, Pittsburg, Pa.; 56 Liberty, New York; Betz bldg, Phila., Pa.; "Rookery," Chicago, Ill.; 10 P. O., Boston, Mass., & Crossley bldg, San Francisco, Cal.
Washburn Wire Co., Phillipsdale, R. I., & 118th & Harlem River, N. Y.
Waterbury Brass Co., Waterbury, Conn., & 122 Centre, N. Y.

Wire (Rivet, Staple, Screw, Etc.)

AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & 16th & Folsom, San Francisco, Cal. (See adv. opp. page 1269
NATIONAL WIRE CORPORATION, 114 Liberty, New York. (See adv. opp next page
Prentiss, Geo. W. & Co., Holyoke, Mass.
Stewart Wire Co., Easton, Pa.
Spencer Wire Co., Worcester, Mass.
Washburn Wire Co., Phillipsdale, R. I., & 118th & Harlem, N. Y.

Wire Rope Coating & Lubricant

American Supply Co., 960 2d av, Pittsburg, Pa.
ATLAS PAINT CO. (Ltd.), 2638 Liberty av, Pittsburg, Pa. (See adv. index, end of book)
BRODERICK & BASCOM ROPE CO., 809 N Main, St. Louis, Mo., & 33 South, N. Y. (See adv. opp. page 1269)
CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
Dixon, Jos. Crucible Co. (Graphite), Jersey City, N. J.; 1020 Arch, Phila., Pa.; 68 Reade, N. Y., & 304 Market, San Francisco. Cal.
HAZARD MFG. CO., Wilkesbarre, Pa.; 50 Dey, New York; Conestoga bldg. Pittsburg, Pa., & 71 W Adams, Chicago, Ill. (See adv. opp. preceding page)
Ironsides Co., Columbus, O.
LESCHEN, A. & SONS ROPE CO., 920 N 1st, St. Louis, Mo.; 163 Wash'n, N. Y.; 137 E Lake, Chicago, Ill., & 1717-23 Arapahoe, Denver, Col. (See adv. opp. this page)
Suydam, M. B. Co., 61st & Butler, Pittsburg, Pa.
Taylor, J. W., Summerville, S. C.

Wire Rope (Derrick & Dredging)

BRODERICK & BASCOM ROPE CO., 809 N Main, St. Louis, Mo., & 33 South, New York. (See adv. opp. page 1269)
CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
HAZARD MFG. CO., Wilkesbarre, Pa.; 50 Dey, New York; Conestoga bldg, Pittsburg, Pa., & 71 W Adams, Chicago, Ill. (See adv. opp. preceding page)
LESCHEN, A. & SONS ROPE CO., 920 N 1st, St. Louis, Mo.; 163 Wash'n, N. Y.; 137 E. Lake, Chicago, Ill., & 1717-23 Arapahoe, Denver, Col. (See adv. opp. this page)
MACOMBER & WHYTE ROPE CO., 21 S Canal, Chicago, Ill., & 131 Worth, New York. (See adv. opp. next page)
NATIONAL WIRE CORPORATION, 114 Liberty, New York. (See adv. opp. next page)

Wire Rope (Galvanized)

CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
HAZARD MFG. CO., Wilkesbarre, Pa.; 50 Dey, New York; Conestoga bldg, Pittsburg, Pa., & 71 W Adams, Chicago, Ill. (See adv. opp. preceding page)
LESCHEN, A. & SONS ROPE CO., 920 N. 1st St. Louis, Mo.; 163 Wash'n, N. Y.; 137 E Lake, Chicago, Ill., & 1717-23 Arapahoe. Denver, Col. (See adv. opp. this page)
MACOMBER & WHYTE ROPE CO., 21 S Canal, Chicago, Ill., & 131 Worth. New York. (See adv. opp. next page)
NATIONAL WIRE CORPORATION. 114 Liberty, New York. (See adv. opp. next page)

Wire Rope ("Monarch Whyte" Strand)

MACOMBER & WHYTE ROPE CO., 21 S Canal, Chicago, Ill., & 131 Worth, New York. (See adv. opp. next page)

Wire Rope (Phosphor Bronze)

Phosphor Bronze Smelting Co., 2200 Wash'n av, (See Sheaves, Wire & Manilla Rope.)
Reeves, Paul S. & Son, 1413 Catharine, Phila., Pa.

Wire Rope Sheaves

(See Sheaves, Wire & Manilla Rope.)

Wire Rope Thimbles

(See Thimbles, Wire Rope.)

Wire Rope Tramways

Allis-Chalmers Co., Office, N. Y. Life bldg, Chicago, Ill. Works, Chicago, Milwaukee, Wis., & Scranton, Pa.
BRODERICK & BASCOM ROPE CO., 809 N Main, St. Louis, Mo., & 33 South, New York. (See adv. opp. page 1269)
Davis, F. M. Iron Works Co., 8th & Larimer, Denver, Col.
Denver Engineering Works Co., Blake & 30th, Denver, Col.
Dusedau, Wm., 1732 Blake, Denver, Col.
Flory, S. Mfg. Co., Bangor, Pa.
Hallidie-Painter Tramway Co., 46 Fremont, San Francisco, Cal.
Hammond Mfg. Co. (Ariel), Portland. Ore.
HAZARD MFG. CO., Wilkesbarre, Pa.; 50 Dey, New York; Conestoga bldg, Pittsburg, Pa., & 71 W Adams, Chicago, Ill. (See adv. opp. preceding page)
KOPPEL, ARTHUR, 68 Broad, New York, N. Y. (See adv. index, end of book)
LESCHEN, A. & SONS ROPE CO. (Overhead), 920 N 1st, St. LoLuis, Mo.; 137 E Lake, Chicago, Ill.; 163 Wash'n, N. Y., & 1717-23 Arapahoe, Denver, Col. (See adv. opp. this page)
LIDGERWOOD MFG. CO., 96 Liberty, N. Y., & Old Colony bldg, Chicago, Ill. (See adv. front colored page)
Macomber-Wythe-Moon Co., 131 Worth, N. Y.
MACOMBER & WHYTE ROPE CO., 21 S Canal, Chicago, Ill., & 131 Worth, New York. (See adv. opp. next page)
Montgomery, J. H. Machinery Co. (Aerial), 1220 Curtis, Denver, Col.
NATIONAL WIRE CORPORATION, 114 Liberty, New York. (See adv. opp next page)
Otto Wire Rope Tramway Co., 225 Wash'n, Chicago, Ill.
Roebling's, John A. Sons Co., Trenton, N. J.; 117 Liberty, N. Y.; 23 Fremont, San Francisco, Cal., & 171 Lake, Chicago, Ill.
United Telpherage Co., 20 Broad, N. Y.
Vulcan Iron Works, San Francisco. Cal.

Wire Rope & Cables

AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & 16th & Folsom, San Francisco. Cal. (See adv. index, end of book)
BRODERICK & BASCOM ROPE CO., 809 N Main, St. Louis, Mo., & 33 South, New York. (See adv. opp. page 1269)
CARPENTER, GEO. B. & CO., 202 S Water, Chicago, Ill. (See adv. index, end of book)
Durable Wire Rope Co. (Durable), 28 Atlantic av, Boston, Mass.
Hallidie-Painter Tramway Co., 46 Fremont, San Francisco, Cal.
HAZARD MFG. CO., Wilkesbarre, Pa.; 50 Dey, New York; Conestoga bldg, Pittsburg, Pa., & 71 W Adams, Chicago, Ill. (See adv. opp. preceding page)

LESCHEN, A. & SONS ROPE CO., 920 N 1st, St. Louis, Mo.; 137 E Lake, Chicago, Ill.; 163 Wash'n, N. Y., & 1717 Arapahoe, Denver, Col. (See adv. index, end of book)
Macomber-Wythe-Moon Co., 131 Worth, N. Y.
MACOMBER & WHYTE ROPE CO., 21 S Canal, Chicago, Ill., & 131 Worth, New York. (See adv. opp. this page)
NATIONAL WIRE CORPORATION, 114 Liberty, New York. (See adv. opp. this page)
Roebling's, John A. Sons Co., Trenton, N. J.; 117 Liberty, New York; 171 Lake, Chicago, & 23 Tremont, San Francisco, Cal.
Waterbury & Co. (Inc.), 69 South, New York. Works, 101 Classon av, Brooklyn, N. Y.
Williamsport Wire Rope Co., Williamsport, Pa.
WRIGHT WIRE CO., Palmer, Mass. (See adv. below)

Wire (Rubber Covered)

American Electrical Works, Providence, R. I.; 26 Cortlandt, New York, & 85 Lake, Chicago, Ill.
Bishop Gutta Percha Co. (Solid & Flexible), 422 E 25th, New York
Eastern Electric Cable Co., 61 Hampshire, Boston, Mass.
India Rubber & Gutta Percha Insulating Co., 15 Cortlandt, New York
Indiana Rubber & Insulated Wire Co., Jonesboro, Ind.
Moore, Alfred F. (Solid & Flexible), 202 N 3d, Philadelphia, Pa.
National Cable & Wire Co., Westinghouse bldg, Pittsburg, Pa. Factories, Wireton, Pa.
Standard Underground Cable Co., Westinghouse bldg, Pittsburg, Pa.; 56 Liberty, N. Y.; Betz bldg, Phila., Pa.; "Rookery," Chicago, Ill.; 10 P. O., Boston, Mass., & Crossley bldg, San Francisco, Cal.

Wire (Rule)

AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & 16th & Folsom, San Francisco, Cal. (See adv. opp. next page)
Washburn Wire Co., Phillipsdale, R. I., & 118th & Harlem River, N. Y.

Wire (Screen)

AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & 16th & Folsom, San Francisco, Cal. (See adv. opp. next page)
Spencer Wire Co., Worcester, Mass.

Wire Shapes (Special)

Brooks, M. S. & Sons, Chester, Conn.
Climax Tag Co., Dayton, O.
Jenckes, E. Mfg. Co., Pawtucket, R. I.

Jenkinson, R. C. & Co., 289 Washington, Newark, N. J.
Titchener, E. H. & Co., Binghamton, N. Y.
Wire Specialty Co., 30 W Randolph, Chicago, Ill.

Wire (Spoke)

Washburn Wire Co., Phillipsdale, R. I., & 118th & Harlem River, N. Y.

Wire (Spooling)

AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & 16th & Folsom, San Francisco, Cal. (See adv. opp. next page)
Ansonia Brass & Copper Co., Ansonia, Conn., & 99 John, New York
Coe Brass Mfg. Co., Torrington, Conn.
Cuyahoga Steel & Wire Co., Cuyahoga Falls, O.
Cuyahoga Wire & Fence Co., New Castle, Pa.
Eastwood Wire Mfg. Co. (Brass & Copper), Belleville, N. J.
Malin & Co., 34 Long, Cleveland, O.
NATIONAL WIRE CORPORATION, 114 Liberty, New York. (See adv. opp. this page)
Rome Brass & Copper Co., Rome, N. Y.
Spencer Wire Co., Worcester, Mass.
Wire Goods Co., Worcester, Mass.
WRIGHT WIRE CO., Worcester, Mass. (See adv. below)

Wire (Steel)

Alabama Steel & Wire Co., Birmingham, Ala., & Ensley, Ala.
AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & 16th & Folsom, San Francisco, Cal. (See adv. opp. next page)
Crawfordsville Wire & Nail Co., Crawfordsville, Ind.
Crucible Steel Co. of America, Frick bldg, Pittsburg, Pa.; 64 S Clinton, Chicago, & 71 B'way, New York
Cuyahoga Steel & Wire Co., Cuyahoga Falls, O.
Cuyahoga Wire & Fence Co., New Castle, Pa.
Dillon-Griswold Wire Co., Sterling, Ill.
Driver-Harris Wire Co. (Fine Wire), Harrison, N. J.
Globe Wire Co., Sharpsburg, Pa.
Globe Wire Co., Harrison, N. J.
Grand Crossing Tack Co., S Chicago av & 79th, Chicago, Ill.
Hamilton's, Thos. Sons, 1340 E. Berks, Phila., Pa.
HAZARD MFG. CO. (Cast Steel), Wilkesbarre, Pa.; 50 Dey, New York; Conestoga bldg, Pittsburg, Pa., & 71 W Adams, Chicago, Ill. (See adv. index, end of book)

Igoe Iron & Steel Co. (Also Iron), 226 N 9th, Brooklyn, N. Y.
Indiana Steel Wire Co., Muncie, Ind.
Kidd Bros. & Burgher Steel Wire Co. (Coiled Crucible Polished), Aliquippa, Pa.
Kokomo Steel & Wire Co., Kokomo, Ind.
NATIONAL WIRE CORPORATION, 114 Liberty, New York . (See adv. opp. this page)
New Process Mfg. Co., St. Louis, Mo.
Pittsburg Steel Co., 307 4th av, Pittsburg, Pa.
Pittsburg Tool Steel Wire Co., Monaco, Pa.
Roebling's, John A. Sons Co., Trenton, N. J.; 171 Lake, Chicago, Ill.; 23 Fremont, San Francisco, Cal., & 117 Liberty, New York
Spencer Wire Co. (Fine Wire a Specialty), Spencer, Mass., & Worcester, Mass.)
Townsend, C. C. & E. P., New Brighton, Pa.
Washburn Wire Co., Phillipsdale, R. I., & 118th & Harlem River, N. Y.
Wiekwire Bros., Cortland, N. Y.
WRIGHT WIRE CO., Worcester, Mass. (See adv. below)

Wire (Steel Ball)

AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & 16th & Folsom, San Francisco, Cal. (See adv. opp. next page)
Washburn Wire Co., Phillipsdale, R. I., & 118th & Harlem River, N. Y.

Wire (Steel, Band & Hack Saw)

Washburn Wire Co., Phillipsdale, R. I., & 118th & Harlem River, N. Y.

Wire (Steel Brush)

Hartley, Geo. (Brass, Steel), Waterbury, Conn.
NATIONAL WIRE CORPORATION, 114 Liberty, New York. (See adv. opp. this page)

Wire (Steel Needle)

AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & 16th & Folsom, San Francisco, Cal. (See adv. opp. next page)
Kidd Bros. & Burgher Steel Co. (Polished, Dry Thread & Latch & Spring), Aliquippa, Pa.
Pittsburg Tool Steel Wire Co., Monaca, Pa.
Washburn Wire Co., Phillipsdale, R. I., & 118th & Harlem River, N. Y.

Wire (Steel Spring)

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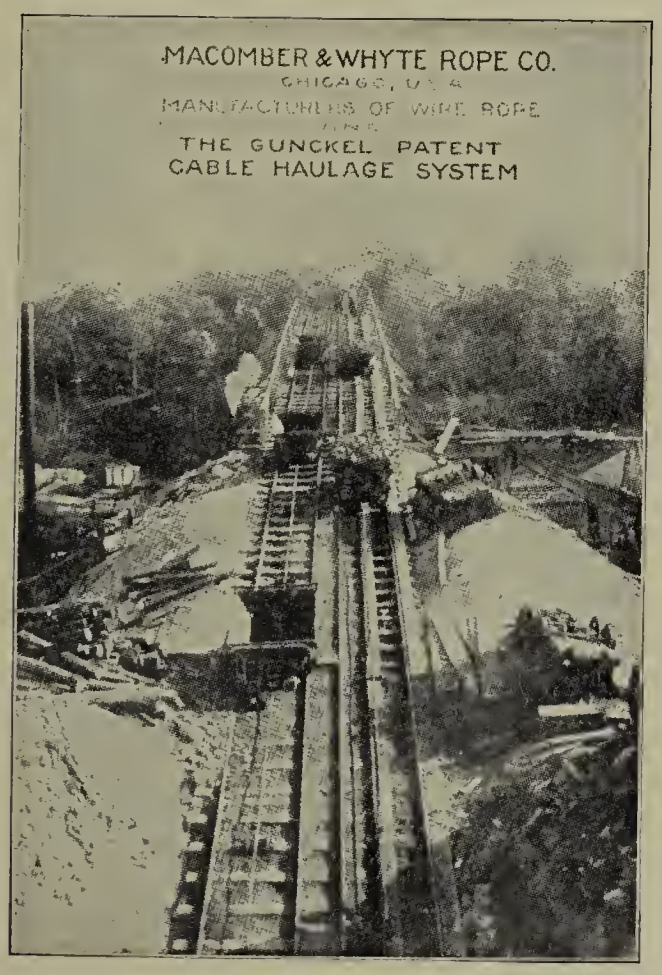
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NATIONAL WIRE CORPORATION, 114 Liberty, New York. (See adv. opp. preceding page)
Roebling's, John A. Sons Co., Trenton, N. J.
Spencer Wire Co., Worcester, Mass.
Washburn Wire Co. (Clock & Motor, etc.), Phillipsdale, R. I., & 118th & Harlem River, N. Y.

Wire Straighteners (Core)

SHUSTER, F. B. CO., New Haven, Conn. (See adv. index, end of book)

Wire Straighteners (Roll & Rotary)

SHUSTER, F. B. CO., New Haven, Conn. (See adv. index, end of book)

Wire Straighteners & Cutters (Automatic)

Cuyahoga Steel & Wire Co., Cuyahoga Falls, O.
Hoefer Mfg. Co., Freeport, Ill.
Kokomo Steel & Wire Co., Kokomo, Ind.

Wire (Strand)

BRODERICK & BASCOM ROPE CO., 809 N Main, St. Louis, Mo., & 33 South, New York. (See adv. opp. this page
HAZARD MFG. CO. (Galvanized Steel), Kilkesbare, Pa.; 50 Dey, New York; Conestoga bldg, Pittsburg, Pa., & 71 W Adams, Chicago, Ill. (See adv. index, end of book)
LESCHEN, A. & SONS ROPE CO., 920 N 1st, St. Louis, Mo.; 163 Wash'n, N. Y.; 137 E Lake, Chicago, Ill., & 1717-23 Arapahoe, Denver, Col. (See adv. index, end of book)
MACOMBER & WHYTE ROPE CO., 21 S Canal, Chicago, Ill., & 131 Worth, New York. (See adv. opp. preceding page)
NATIONAL WIRE CORPORATION, 114 Liberty, New York. (See adv. opp. preceding page)

Wire Stretchers

(See Stretchers, Wire.)

Wire (Sub-Marine)

(See Cables, Sub-Marine.)

Wire (Tack)

AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & 16th & Folsom, San Francisco, Cal. (See adv. opp. this page
NATIONAL WIRE CORPORATION, 114 Liberty, New York. (See adv. opp. preceding page
Spencer Wire Co., Worcester, Mass.
Washburn Wire Co., Phillipsdale, R. I., & 118th & Harlem River, N. Y.

Wire (Tag)

WRIGHT WIRE CO. (Cut & Punched), Worcester, Mass. (See adv. on preceding page)

Wire (Telephone & Telegraph)

American Electrical Works, Providence, R. I.; 26 Cortlandt, N. Y., & 82 Lake, Chicago
AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & 16th & Folsom, San Francisco, Cal. (See adv. opp. this page
Crawfordsville Wire & Nail Co., Crawfordsville, Ind.
NATIONAL WIRE CORPORATION, 114 Liberty, New York. (See adv. opp. preceding page)
Roebling's, John A. Sons Co., Trenton, N. J.; 117 Liberty, New York; 171 Lake, Chicago, & 25 Fremont, San Francisco, Cal.
Standard Underground Cable Co., Westinghouse bldg, Pittsburg, Pa.; 56 Liberty, New York; Betz bldg, Phila., Pa.; "The Rookery," Chicago, Ill.; 10 P. O., Boston, Mass., & Crossley bldg, San Francisco, Cal.
Washburn Wire Co., Phillipsdale, R. I., & 118th & Harlem River, N. Y.

Wire Testing Machines

(See Machines, Wire Testing.)

Wire (Tinned)

AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & 16th & Folsom, San Francisco, Cal. (See adv. opp. this page)
Cuyahoga Steel & Wire Co., Cuyahoga Falls, O.
Cuyahoga Wire & Fence Co. (Mattress & Book Binders), New Castle, Pa.
NATIONAL WIRE CORPORATION. 114 Liberty, New York. (See adv. opp. preceding page)
Igoe Iron & Steel Co., 226 N 9th, Brooklyn, N. Y.
Pittsburg Steel Co., 307 4th av, Pittsburg, Pa.
Prentiss, G. W. & Co., Holyoke, Mass.
pSargo, Jas. A. Wire Co., Rome, N. Y.
Spencer Wire Co., Worcester, Mass.
Stewart Wire Co., Easton, Pa.
Washburn Wire Co., Phillipsdale, R. I., & 118th & Harlem River, N. Y.
Wickwire Bros., Cortland. N. Y.
WRIGHT WIRE CO., Worcester, Mass. (See adv. on preceding page)

Wire Trellises

AMOS, CHARLES & CO., 94 W Larned, Detroit, Mich. (See adv. index, end of book)
FOREST CITY STEEL & IRON CO., Cleveland, O. (See adv. index, end of book)

Wire (Trolley)

American Electrical Works, Providence, R. I.; 26 Cortlandt, N. Y., & 82 Lake, Chicago
AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & 16th & Folsom, San Francisco, Cal. (See adv. opp. this page)
Ansonia Brass & Copper Co., Ansonia, Conn., & 99 John, New York
Coe Brass Mfg. Co., Torrington, Conn.
Hendricks Bros., 49 Cliff, N. Y.
Holmes, Booth & Haydens Co., 37 Park pl, New York, & Waterbury, Conn.
Roebling's, John A. Sons Co., Trenton, N. J.; 117 Liberty, New York; 171 Lake, Chicago, & 25 Fremont, San Francisco, Cal
Trenton Iron Co., Trenton, N. J., & 17 Burling Slip, New York

Wire (Twisted)

Saurbrey, Geo. J. (in 1000 Ft. Coils & Cut to Lengths), 259 E Livingston av, Columbus, O.

Wire (Umbrella)

AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O., & 16th & Folsom, San Francisco, Cal. (See adv. opp. this page)
NATIONAL WIRE CORPORATION, 114 Liberty, New York. (See adv. opp. preceding page)
Spencer Wire Co., Worcester, Mass.
Washburn Wire Co., Phillipsdale, R. I., & 118th & Harlem River, N. Y.

Wire (Waterproof)

GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, N. Y. (See adv. index, end of book)

Wire (Weatherproof)

American Electrical Works, Providence, R. I.; 26 Cortlandt, N. Y., & 82 Lake, Chicago
AMERICAN STEEL & WIRE CO., The Rookery, Chicago, Ill.; Battery Park bldg, New York; Western Reserve bldg, Cleveland, O.. & 16th & Folsom, San Francisco, Cal. (See adv. opp. this page)
Ansonia Brass & Copper Co., Ansonia, Conn., & 99 John, New York
Ansonia Electrical Co., Ansonia, Conn.
Bridgeport Brass Co., Bridgeport, Conn., & 19 Murray, New York
Chicago Insulated Wire Co., 152 Lake, Chicago
Coe Brass Mfg. Co., Torrington, Conn.
Collyer Insulated Wire Co. (Also Slow Burning), Pawtucket, R. I.
Crescent Insulated Wire & Cable Co., Trenton, N. J.
GENERAL ELECTRIC CO., Schenectady, N. Y., & 44 Broad, New York. (See adv. index, end of book)
HAZARD MFG. CO. (Insulated), Wilkesbarre, Pa.; 50 Dey, New York; Conestoga bldg, Pittsburg, Pa., & 71 W Adams, Chicago, Ill. (See adv. index, end of book)
Holmes, Booth & Haydens, 37 Park pl, N. Y., & Waterbury, Conn.
Moore, Alfred F. (Also Slow Burning), 200 N 3d, Philadelphia, Pa.
National India Rubber Co., Bristol, R. I.
OKONITE CO. (LTD.), 253 B'way. New York. (See adv. index, end of book)
Roebling's, John A. Sons Co., Trenton, N. J.; 117 Liberty, N. Y., & 171 Lake, Chicago
St. Louis Electrical Supply Co., 1118 Pine, St. Louis, Mo.
Simplex Electrical Co., 110 State, Boston, Mass.
Standard Underground Cable Co., Westinghouse bldg, Pittsburg, Pa.; 56 Liberty, New York; Betz bldg, Phila., Pa.; "Rookery," Chicago, Ill.; 10 P. O., Boston, Mass., & Crossley bldg, San Francisco, Cal.
Western Electric Co., 259 S Clinton, Chicago, & 57 Bethune, New York

Wire Workers

Acme Fancy Wire Works, c Canfield av & Moran, Detroit, Mich.
Adams, W. J., Joliet, Ill.
AJAX IRON & WIRE CO., 577 Carroll av, Brooklyn, N. Y.
Alldridge, Arthur W., 153 Centre, New York
American Iron & Wire Works, c Jefferson & W Lake, Chicago
American Wire Works Co., 163 Maiden la, N. Y.
AMOS, CHARLES CO., 94 W Larned, Detroit, Mich. (See adv. index, end of book)
Anderson, H. C., 414 Bleecker, New York
Andrews Wire & Iron Works, Rockford, Ill
Architectural Iron & Wire Works, Wheeling, W. Va.
Ast, Charles, 604 1st av, Milwaukee, Wis.
Atlanta Wire & Iron Works Co., 64 N Broad, Atlanta, Ga.

Aubel, F. & E., 2520 N 9th, Philadelphia, Pa.
Baker Mfg. Co., c South & Allegheny avs, Allegheny, Pa.
Baiderston, H. & Son, 119 Light, Baltimore, Md.
Baldwin Brass Works (Wire Guars, etc.), 232 S Canal, Chicago, Ill.
Baltimore Wire Works, 119 Light, Baltimore, Md.
Barbee Wire & Iron Works, 44 Dearhorn, Chicago, Ill., & Lafayette, Ind.
Barnes, T. M., 151 Middle, Bridgeport, Conn.
Barnum, E. T. Wire & Iron Works, Detroit, Mich.
Baroch, Leo, 503 S 13th, Omaha, Neb.
Batailie, Achille & Co., 587 Hudson, New York
Belmer, H. & Co., 12 E 2d, Cincnnati, O.
Benster Wire & Iron Works Co., 55 Main, S E, Toledo, O.
Berger, A. A., 212 Crawford, Houston, Tex.
Bigelow, Cheney Wire Works, Springfield, Mass.
Boerner, W. R., 1162 Milwaukee av, Chicago, Ill.
Booth, John, 14 N Canal, Chicago, Ill.
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Buckeye Ornamental Iron Works Co., 33 Academy, Cleveland, O.
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Burger, Iron Co., Akron, O.
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Caire, Justinian Co., 565 Market, San Francisco, Cal.
California Artistic Metal & Wire Co., 539 Mission, San Francisco, Cal.
California Wire Cloth Co., 8 Pine, San Francisco, Cal.
Canton Iron & Metal Co., Canton, O.
Carr Bros., 5311 W Lake av, Chicago, Ill.
Central Wire Works (Michael O'Neill), 1531 Filbert, Philadelphia, Pa.
Champion Iron & Wire Works, 617 S 16th, Omaha, Neb.
CINCINNATI MFG. CO., 1243 W 6th, Cincinnati, O. (See adv. index, end of book)
Clinton Wire Cloth Co., Clinton, Mass.; Sears bldg, Boston, Mass.; 237 Lake, Chicago, Ill., & 33 Park pl, New York
COLUMBUS WIRE & IRON WORKS, Columbus, O. (See adv. index, end of book)
Coons, F. W., 414 River, Troy, N. Y.
Cornwall, Edwin, 818 Mint av, Pittsburg, Pa.
Cream City Woven Wire Works, Milwaukee, Wis.
Darby, Edward & Sons, 233 Arch, Phila., Pa.
Davis & Siehl, 3711 Colerain av, Cincinnati, O.
Davis, Wm. P., 248 Chenango, Binghamton, N.Y.
Dawson, John R. Mfg. Co., 1520 N Palethrop, Philadelphia, Pa.
Dean, Hy. E. & Co., Worcester, Mass.
Denver Iron & Wire Works Co., 1403 Market, Denver, Col.
Des Moines Mfg. & Supply Co., Des Moines, Ia.
Des Moines Wire Works, 113 Locust, Des Moines, Ia.
De Witt Wire Cloth Co., 17 Warren, New York, 703 Market, Phila., Pa., & Belleville, N. J.
Donovan Wire & Iron Co., 505 Water, Toledo, O.
Dow Wire Works Co., 730 W Market, Louisville, Ky.
Dufur & Co., 311 N Howard, Baltimore, Md.
Elder, Henry, 127 S Market, Nashville, Tenn.
Eshner, Louis, 56 N 7th, Philadelphia, Pa.
Estey Wire Works Co., 59 Fulton, New York
Excelsior Wire Works, 565 Market, San Francisco, Cal.
Fachmann, H. W., 130 E Wash'n, Indianapolis, Ind.
Falls City Wire Works, 632 4th, Louisville, Ky.
Fenneli, James K. Co., 35 N 11th, Phila., Pa.
Fiske, J. W., 39 Park pl, New York
FLOUR CITY ORNAMENTAL IRON Works, 27th av & 27th, S Minneapolis, Minn. (See adv. index, end of book)
FOREST CITY STEEL & IRON CO., Cleveland, O. (See adv. index, end of book)
Forman, Roht. J., 127 Court, Brooklyn, N. Y.
Fraser, Russell, 128 Wythe av, Brooklyn, N. Y.
Fruhling, Wm. A., 218 S Los Angeles, Los Angeles, Cal.
Gardner Elevator Co., c River & 21st, Detroit, Mich.
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Gholson, W. C. Fence Co., 1746 Reading rd, Cincinnati, O.
Gilbert & Bennett Mfg. Co., Georgetown, Conn.; 42 Cliff, New York; 153 Lake, Chicago,
Globe Iron & Foundry Co., 9th & Victor, St. Louis, Mo.
Globe Wire & Iron Works, Atkinson av, Milwaukee, Wis.
Gochel & Hurt, 373 2d, Memphis, Tenn.
Haist, Charles A. & Co., 73 W Wash'n, Chicago, Ill.
Hamblin & Russell Mfg. Co., 44 Cliff, New York, & Worcester, Mass.
Hamilton's, Thos. Sons, 1340 E Berks, Philadelphia, Pa.
Hanny, Chas. G., 856 North av, Allegheny, Pa.
Hartford Wire Works, Hartford, Conn.
Haven & Jordan, 16 N Front, Grand Rapids, Mich.
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HICKEY, M. H., WIRE & IRON Works, 54 Dearhorn, Chicago, Ill.
Hlavka, Jno., 315 S 12th, Omaha, Neb.
Hollenbeck, Chas. D., 49 S Illinois, Indianapolis, Ind.
Hopkins & Co., 198 W B'way, New York
Howard & Morse, 45 Fulton, New York
Hub Wire Cloth & Wire Work Co., 13 Devonshire, Boston, Mass.
Huxley, John H., 30 Church, New York
Imperial Wire & Iron Roofing Co., 221 W Market, Louisville, Ky.
Inglis, Wm. Wire & Iron Works, 59 Woodbridge, E. Detroit, Mich.
Jackson & Cook, 318 Market, Philadelphia, Pa.
Joseph, Sigmund, 245 W B'way, New York
Kansas City Wire & Iron Works, 1428 Oak, Kansas City, Mo.
Kemp, E. B., 356 Barronne, New Orleans, La.
Kentucky Wire Works, 120 W Market, Louisville, Ky.
Keystone Iron & Wire Railing Works, 618 Willow, Phila., Pa.
Keystone Fence Co., Peoria, Ill.
Kilhourne Mfg. Co., Fair Haven, Vt.
Kleeman, Jno. O., 206 E 29th, New York
Kleeman, Trotter & Co., 1327 Main, Kansas City, Mo.
Kratzer, W. N. & Co., 3220 Smallman, Pittsburg, Pa.
Kuettel, E. Jos., 511 Lack. av, Scranton, Pa.
LANDON & EGGERS, 1243 Fillmore, Chicago, Ill. (See adv. index, end of book)
Lasar-Letzig Mfg. Co., 1124 Wash'n av, St. Louis, Mo.
Lindenschmidt, H. & G., Evansville, Ind.
Long Island Wire Works, 30 Boerum pl, Brooklyn, N. Y.
Louisville Wire Works (Inc.), 730 W Market, Louisville, Ky.
Lucas, A. & Sons, c Cedar & Wash'n, Peoria, Ill.
Ludlow-Saylor Wire Co., 4th, c Elm, St. Louis, Mo.
McCormack Wire & Iron Works, 770 Fulton, Brooklyn, N. Y.
McMurray, Robt. T. & Bro., 287 4th av, New York, & 365 Harman, Brooklyn, N. Y.
Maryland Wire Works, 14 N Frederick, Baltimore, Md.
May, Jacob, 850 DeKalb av, Brooklyn, N. Y.
Mecke, Herman, 215 W 53d, New York
Megquier & Jones Co., Portland, Me.
Mehcs, John, 283 Stevenson, San Francisco, Cal.
Melocik, Henry, 406 W Pratt, Baltimore, Md. Philadelphia, Pa.
MERRITT & CO., 1024 Ridge av. Philadelphia, Pa. (See adv. index, end of book)
Mesker, Geo. L. & Co., Evansville, Ind.
Meyers, Fred. J. Mfg. Co., Hamilton, O.
MICHIGAN WIRE CLOTH CO., 500 Howard, Detroit, Mich. (See adv. index, end of book)
Minnesota Fence Works, 67 E 9th, St. Paul, Minn.
Miski, Felix, 556 Becher, Milwaukee, Wis.
Money, Jos., Jr., 210 Wells, Milwaukee, Wis.
Morss & Whyte, 75 Cornhill, Boston, Mass.
Muth, Christian, 428 Blue Island av, Chicago, Ill.
Nagel & Co., 210 Genesee, Buffalo, N. Y.
National Iron & Wire Co., Cleveland, O.
NATIONAL MFG. CO., Worcester, Mass.; 103 Chambers, New York, & Equitable bldg, Boston, Mass. (See adv. index, end of book)
Newark Wire & Brass Works, 261 Market, Newark, N. J
New Jersey Wire Cloth Co., 88 Superior, Cleveland, O.
N. Y. Brass & Wire Works Co., 177 Grand, New York
Nimmo Fence Co., 324 E 4th, Cincinnati, O.
Norwood, King & Weis, 30 Boerum, Brooklyn, N. Y.
Ornamental Wire & Iron Works Co. (Inc.), Portsmouth, Va.
Papay, Daniel, 460 E 10th, New York
Perkins Mfg. Co., 1121 E 7th, St. Paul, Minn.
Pettit Ornamental Iron & Fence Co., Stephen Girard bldg, Phila., Pa.
Phila. Ornamental Wire Co., 18 N 6th, Philadelphia, Pa.
Phoenix Wire Works, 70 Champlain, Detroit, Mich.
Pioneer Iron & Wire Works Co., 1437 Market, Denver, Col.
Pirrie, Camphell, 194 Edmund, Paterson, N. J.
PITT, WM. R. COMPOSITE IRON Works, 111 5th av, N. Y. (See adv. index, end of book)
Portland Wire & Iron Works, Portland, Ore.
Pratt, Edwin, Kankakee, Ill.
Purcell, N. F. & Co., 232 S Clinton, Chicago, Ill.
Queen City Wire Works, 193 Seneca, Buffalo, N. Y.
Rajsik, Henry, 809 N 4th, Philadelphia, Pa.
Reisig, Fredk., 134 W 26th, New York
Rice & Co., 251 Mt. Vernon, Lowell, Mass.
Roberts-Goss Co., 4th c Pine, St. Paul, Minn.
Rothwell, Jos., Jackson & 9th., St. Paul, Minn.
Ruch, Fred., 432 2d av, Pittshurg, Pa.
Russian Wire Works, 31 Minna, San Francisco, Cal.
St. Louis Wire & Iron Co., 520 Chouteau av, St. Louis, Mo.
San Francisco Novelty & Plating Works, 515 Mission, San Francisco, Cal.
Scheck, Jno., 1221 3d av, New York
Sheer, Geo. D. Fence Works, 1808 Pearl, Cleveland, O.
Sheppard & Stolp, 20 Fletcher, New York
Sigmund, Joseph, 245 W B'way, New York
Skobis Bros., 508 Commerce, Milwaukee, Wis.
Smith, Edw. F. & Co., 23 Center, New Haven, Conn.
SMITH, F. P. WIRE & IRON WORKS, 100 Lake, Chicago, Ill. (See adv. index, end of book)
Snow Wire Works Co., 76 Exchange, Rochester, N. Y.
South Halstead Street Iron Works, 2607-2611 S Halstead, Chicago, Ill.
Standard Wire & Iron Co., LeLonard & Hume, Cleveland, O.
Stewart Iron Works Co., 3d & Culert, Cincinnati, O.
Stidman & Co., 16 N. Frederick, Baltimore, Md.
Storsberg, Fritz, 20 Atlantic, Newark, N. J.
Strawbridge & Chase (Ltd.), 228 Arch, Phila., Pa.
Sutton, Wm. A. & Co., 2313 N 8th, Phila., Pa.
Swearingen Shutter & Iron Works Co., Kansas City, Mo.
Syracuse Wire Works, Syracuse, N. Y.
TAYLOR & DEAN, 205 Market, Pittsburg, Pa. (See adv. index, end of book)
Titchener, E. H. & Co., Binghamton, N. Y.
Toledo Wire & Iron Works, Toledo, O.
Turner & Seymour Mfg. Co., Torrington, Conn.
Twin City Fence & Wire Works, 223 E 6th, St. Paul, Minn.
TYLER, W. S. CO., Cleveland, O. 11 B'way, N. Y., & Bessemer hldg, Pittsburg, Pa. (See adv. index, end of book)
Ufford, S. N. & Son, 29 Temple pl, Boston, Mass.
Van Epps, Henry R., 612 Main, Peoria, Ill.
Vilsack Martin Co., Pittshurg, Pa.
Voss, Fred., 617 to 621 Austin av, Chicago, Ill.
VULCAN CO., Detroit, Mich. (See adv. index, end of book)
Wass, D. D., 34 E South, San Francisco, Cal.
Watt, Reuben J. Mfg. Co., 47 S Canal, Chicago, Ill.
West Coast Wire & Iron Works, 17 Fremont, San Francisco, Cal.
Western Wire Works, San Francisco, Cal.
Westervelt, A. B. & W. T., 102 Chambers, N. Y.
What Cheer Wire Works, 157 Dorrance, Providence, R. I.
White Wire Works Co. (Inc.), 47 Exchange, Rochester, N. Y.
Whyte, Oliver & Co., 17 Cornhill, Boston, Mass.
Williams, Geo. A. & Sons, 85 Fulton, N. Y.
Wilson, H. P. & H. F., 577 10th av, N. Y.
Wisconsin Iron & Wire Works, 186 E Water, Milwaukee, Wis.
Yarger, Sam'l J., 460 12th, Phila., Pa.
Youngstown Wire & Iron Co., Youngstown, O.
Yurachek, Paul, 2019 E Main, Richmond, Va.

Wire Working Machinery

(See Machinery, etc.)

Wire & Cables, Rubber Covered

(See Wire, Rubber Covered.)

Wood Bending Machines

(See Machines, Wood Bending.)

Wood (Bent)

Central Snath Co., Jackson, Mich.
Dann Bros. & Co. (To Order), New Haven, Conn.

Wood Block Flooring

Nightingale Floor Co., 26 Court, Brooklyn, N. Y.
Pierce, W. E. & Co., Milford, N. H.
WILSON, JAMES G. MFG. CO., 7 W 29th, New York. (See adv. index, end of book)

WOOD MOSAIC FLOORING CO. (Fac-tories, Rochester, N. Y., & New Albany, Ind. Sales Stores, 315 5th av, N. Buffalo, N. Y.; (Krauss, Butler & Benham Co.), Columbus, O.; (Heaton & Wood), 1706 Chestnut, Phila., Pa.; 426 Penn av. (C. W. Allen), Pittsburg, Pa.; 1126 Connecticut av (J. M. Adams), Washington, D. D.; 1511 Union Trust bldg (Moore's Flooring Co.), Cincinnati, O., & 637 Broad(RR. A. Dorrill), Newark, N. J. (See adv. index, end of book)

Wood Carpets

(See also Floors, Parquet.)

American Parquetry Floor Co., 143 S 13th, Phila., Pa.
Barron, Boyle Co., 424 Main, Cincinnati, O.
Chicago Floor Co., 134 Monroe, Chicago, Ill.
Dunfee, J. & Co., 104 Franklin, Chicago, Ill.
Dunphy, W. C., 116 W 3d, St. Paul, Minn.
Dunphy, W. C. & Co., 116 W 3d, St. Paul, Minn.
Heaton & Wood, 1706 Chestnut, Phila., Pa.
Johnson, S. C. & Son, Racine, Wis.
Inlaid Floor Co., 422 Sutter, San Francisco, Cal.

THE INTERIOR HARDWOOD CO.
MANUFACTURERS INDIANAPOLIS, IND.

(See adv. index, end of book)
Moore, E. B. & Co., 76 Wabash av, Chicago, Ill.
Moore, A. G. Co., Boston, Mass.
Moore Floor Co., Los Angeles, Cal.
Moore, J. C. Co., 38 S 18th, Phila., Pa.
Motley, Peter, 750 S Broad, Phila., Pa.
Nelson, G. S., Des Moines, Ia.
Newcomb, E. R. (Mfrs.' Agt.), 14 Monroe, Chicago, Ill.
New York Flexible Wood Flooring Co., 23 W 42d, New York
Phelps Bros. & Co., Wellington, O.
Roach & Musser Sash & Door Co., Muscatine, Ia.
Pope, Chas. A., 501 E 70th, N. Y.
Reid, Wm. G. & Co., 2 W 33d, N. Y.
St. Paul Parquet Floor Co., 143 W 3d, St. Paul, Minn.
Schulkins & Co., 407 Prospect, Cleveland, O.
Smith, John A., 456 B'way, Los Angeles, Cal.
TERWILLIGER MFG. CO., 3 W 23d, N. Y., & 302 Fulton, Brooklyn, N. Y. (See adv. below)

WOOD MOSAIC FLOORING CO. (Fac-tories, Rochester, N. Y., & New Albany, Ind. Sales Stores, 315 5th av, N. Y.; 24 Broomfield (R. T. Adams), Boston, Mass.; 227 N Charles (J. M. Adams), Baltimore, Md.; 658 Main (Stevens Floor Co.), Buffalo, N. Y.; (Krauss, Butler & Benham Co.), Columbus, O.; 1706 Chestnut (Heaton & Wood), Phila., Pa.; 426 Penn av (C. W. Allen), Pittsburg, Pa.; 1126 Connecticut av (J. M. Adams), Washington, D. C.; 1511 Union Trust bldg (Moore's Flooring Co.), Cincinnati, O., & 637 Broad (R. A. Dorrill), Newark, N. J. (See adv. below)

Wood Columns

(See Columns, Porch.)

Wood Fillers

(See Fillers, Wood.)

Wood Finishes

(See Finishes, Hard Oil.)

Wood Floor-Interlocking

(See Wood Block Flooring.)

Wood Floors (Mosaic)

Heaton & Wood, 1706 Chestnut, Phila., Pa.

THE INTERIOR HARDWOOD CO.
MANUFACTURERS INDIANAPOLIS, IND.

(See adv. index, end of book)
Moore, E. B. & Co., 76 Wabash av, Chicago, Ill.
Phelps Bros. & Co., Wellington, O.
TERWILLIGER MFG. CO., 3 W 23d, N. Y., & 302 Fulton, Brooklyn, N. Y. (See adv. below)

WOOD MOSAIC FLOORING CO. (Fac-tories, Rochester, N. Y., & New Albany, Ind. Sales Stores, 315 5th av, N. Y.; 25 Bromfield (R. T. Adams), Boston, Mass.; 227 N Charles (J. M. Adams), Baltimore, Md.; 658 Main (Stevens Floor Co.), Buffalo, N. Y.; (Krauss, Butler & Benham Co.), Columbus, O.; 1706 Chestnut (Heaton & Wood), Phila., Pa.; 426 Penn av (C. W. Allen), Pittsburg, Pa.; 1126 Connecticut av (J. M. Adams), Washington, D. C.; 1511 Union Trust bldg (Moore's Flooring Co.), Cincinnati, O., & 637 Broad (R. A. Dorrill), Newark, N. J. (See adv. index, end of book)

WOOD-MOSAIC FLOORING COMPANY,

ROCHESTER, N. Y., and NEW ALBANY, IND.,

MANUFACTURERS OF

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High Grade Thick and Thin. Parquetry, Wood Carpet, Fancy Borders, also Polishing Wax and Brushes.

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BOSTON.....R. T. ADAMS, 24 Bromfield Street
BALTIMORE.....J. M. ADAMS, 227 N. Charles Street
BUFFALO.....STEVENS FLOOR CO., 658 Main Street
COLUMBUS, OHIO.....THE KRAUSS, BUTLER & BENHAM CO.
NEW ALBANY, IND.....WOOD-MOSAIC FLOORING CO.
PHILADELHIA.....HEATON & WOOD, 1706 Chestnut Street
PITTSBURG.....C. W. ALLEN, 426 Penn Avenue
WASHINGTON.....J. M. ADAMS, 1126 Connecticut Avenue
CINCINNATI.....MOORE'S FLOORING CO., 1511 Union Trust Building
NEWARK.....R. A. DORRILL, 637 Broad Street

Wood Floors (Water Tight)

Dolbeare, Wm. L., 414 Atlantic av, Boston, Mass.
Griffin Roofing Co., 62 10th av, New York

Wood (Lignumvitae)

McMillan's, W. H. Sons (In Log or Sawed in Shape), 153 South, N. Y.

*Wood Modelers (Arch'l)

(See Carvers, Wood, Classic; also Modelers & Sculptors, Arch'l.)

Wood Novelties (Turned, Etc.)

(See also Woodenware & Novelties.)

American Enamel Co., Providence, R. I.
Berst Mfg. Co., Saginaw, Mich.
Birkett Bros., Petosky, Mich.
Cheboygan Wood Turning Co. (C. M. Robinson, Prop.) (Floats, Turned Boxes, Spindles, etc.), Cheboygan, Mich.
Eliesac Mfg. Co. (Toys & Novelties), Castile, N. Y.
Estes, E. B. & Sons, 45 John, N. Y.
Excelsior Wood Turning Co. (Ltd.) (Floats, Turned Boxes, Spindles, etc.), Cheboygan, Mich.
Hellenberg, J. B. & Son (Ten Pins, Mauls & Mallets, Indian Clubs, Dumb Bells, Exercising Horizontal Bars & Trapeze Bars, etc.), Coldwater, Mich.
Kline, Lewis T. (All Kinds), Alpena, Mich.
Ludington Novelty Co., Ludington, Mich.
Markham, Wm. F., Plymouth, Mich.
Michigan Toy & Novelty Co. (Rosettes, Spindles, Drop Carvings, etc.), Holland, Mich.
Mossman, Jerome, Fitchburg, Mass.
Novelty Turning Co. (& Enamels, Potato Mashers, Rolling Pins, Chopping Bowls, Toys, Furniture, Druggists Boxes, etc.), Fitchburg, Mass.
Peters', Jno. M. Sons (Curtain Pole Fixtures), Towel Rings, etc.), Bleecker, N. Y.
Petoskey Block & Mfg. Co., Petoskey, Mich.
Phillips, A. J. (Door Holders, Towel Rack, Mops, Stable Scrapers, etc.), Fenton, Mich.
Pierce, W. E. & Co., Milford, N. H.
Piqua Handle & Mfg. Co., Piqua, O.
Richardi & Bechtold (Kitchen, Dairy, Bakery & Confectioners' Utensils), Bellaire, Mich.
Saginaw Specialty Co. (Boxes, etc.), Saginaw, Mich.
Sandusky Tool Co. (Croquet Balls, Indian & Base Ball Clubs, Small Handles, Mauls, Potato Mashers, Mallets, Bug Starters, Chalk Line Reels, etc.), Sandusky, O.
Shephard, E. H. & L. D., Madrid, Me.
Sommer's, Jno. Son (Faucets, Mallets, Rolling Pins Reels, Mashers, Air Vents, etc.), Newark, N. J.
Standard Novelty Works, Texarkana, Ark.
Utility Mfg. Co., Muskegon, Mich.
Wausau Novelty Co., Wausau, Wis.
Williams & Marvin Mfg. Co. (Caster Wheels, Closet Pulls, Small Knobs, Pin Bushings & Variety Turnings), Deep River, Conn.
Wooden Novelty Co., Coshocton, O.
Woodstock Hardwood & Spool Mfg. Co. (Heavy Hardwood for Shipbuilding & Locomotive Building, Textile Mills, etc.), Charleston, S. C.

Wood Preservatives

(See also Creosoting Works.)

Barrett Mfg. Co. (Creosote), Land Title bldg, Phila., Pa.; Merchant Loan & Trust bldg, Chicago, Ill.; 17 Battery pl, New York; St. Louis, Mo.; Cleveland, O.; Cincinnati, O.; Pittsburg, Pa.; Minneapolis, Minn.; Kansas City, Mo., & New Orleans, La.
Berlin Mills Co., Portland, Me.
CABOT, SAMUEL (Conservo), 141 Milk, Boston, Mass., & 28 Dearborn av, Chicago. (See adv. index, end of book)
Carbolinum Wood Preserving Co. ("Avenarius") Milwaukee, Wis.
Cromwell-Walker Co., Kearney, Arlington, N. J.
ELECTRIC FIRE PROOFING CO., New York. (See adv. index, end of book)
EPPINGER & RUSSELL CO., 68 Broad, N. Y.; 1st & East av, L. I. City, N. Y., & Dyall Upchurch bldg, Jacksonville, Fla. (See adv. index, end of book)
Indianapolis Chemical Co., 1442 Madison av, Indianapolis, Ind.
Menzel, Wm. & Son (Ligni Salvor), 68 Broad, New York
Milwaukee Wood Preserving Co., 806 3d, Milwaukee, Wis.
Protectus Co., North American bldg, Phila., Pa.
Spirittine Chemical Co., Wilmington, N. C.
Taylor, J. W. (Fernoline), Summerville, S. C.
U. S. Wood Preserving Co., 29 B'way, N. Y.

Wood Sheet Piling (Interlocking)

WITTEKIND, H., INTERLOCKING Sheet Piling Co., 28 E Jackson boul, Chicago, Ill. (See adv. index, end of book)

Wood Spindles (Turned)

Dann Bros. & Co., New Haven, Conn.

Wood Stains

Acme White Lead & Color Works, Detroit, Mich.
Ashley, T. C. & Co., 54 High, Boston, Mass.
Barrett-Lindeman Co., 1402 Frankford av, Phila., Pa
BERRY BROS. (Ltd.), Main Office & Factory, Detroit, Mich.; 262 Pearl, N. Y.; 520 Atlantic av, Boston, Mass.; 26 N 4th, Phila., Pa.; 200 W Saratgoa, Baltimore, Md.; 15 Lake, Chicago, Ill.; 420 Main, Cincinnati, O.; 112 S 4th, St. Louis, Mo., & 809 Mission, San Francisco, Cal. (See adv. index, end of book)
Billings-Chapin Co., 37 Case av, Cleveland, O.
Billings, King & Co., 438 Pearl, N. Y., & 153 Congress, Boston, Mass.
Bowers, U. R. & Sons ("Afro-Lac"), Los Angeles, Cal.
Bridgeport Wood Finishing Co., New Milford, Conn.; 55 Fulton, N. Y.; 70 W Lake, Chicago, Ill., & 85 Oliver, Boston, Mass.
CABOT, SAMUEL, 141 Milk, Boston, Mass., & 28 Dearborn av, Chicago. (See adv. index, end of book)
Chicago Varnish Co. (Wood Tints), 35 Dearborn av, Chicago, Ill.; 22 Vesey, New York, & 66 High, Boston, Mass.
Chicago Wood Finishing Co., 259 Elston av, Chicago, Ill.
Connors, Wm. Paint Mfg. Co., Troy, N. Y.
Devoe, F. W. & C. T. Raynolds Co., Fulton & William, N. Y., & 176 Randolph, Chicago.
Dexter Bros. Co., 103 Broad, Boston, Mass
Engel, Jno. & Co. (Varnish), 137 W B'way, New York
Felton, Sibley & Co., 136 N 4th, Phila., Pa.
Forest City Paint & Varnish Co., Hamilton & Kirtland, Cleveland, O.
FRENCH, SAMUEL H. & CO., 4th & Callowhill, Philadelphia, Pa. (See adv. index, end of book)
Harrison Bros. & Co. (Inc.), 35th c Gray's Ferry rd, Phila., Pa.; 117 Fulton, N. Y.; 27 Lake, Chicago, & 72 Broad, Boston, Mass.
King Paint Mfg. Co., 27 Dunham pl, Brooklyn, N. Y.
Kroeger Bros., 31 P. O. av, Baltimore, Md.
Lucas, John & Co., 322 Race, Phila., Pa.; 89 Maiden lane, N. Y., & 59 N Jefferson, Chicago
McLennan Paint Co. (Ltd.), 175-195 Rano, Buffalo, N. Y.
McQuade, John, 416 Marcy av, Brooklyn, N. Y.
Marietta Paint & Color Co., Marietta, O.
Masury, John W. & Son, 50 Jay, Brooklyn, N. Y., & 26 25 Stewart av, Chicago, Ill.
Piqua Paint & Putty Co., Piqua, O.
Pratt & Lambert (Inc.), 79 Tonawanda, Buffalo, N. Y., & 176 Fulton, N. Y.
Rainbow Color & Chemical Co. (Dry & Liquid), Detroit, Mich.
Sherwin-Williams Co., 104 Canal, Cleveland, O.
Sorby, P. V., 295 Greenpoint av, Brooklyn, N. Y.
STANDARD VARNISH WORKS, 29 B'way, N. Y.; 2620 Armour av, Chicago, Ill., & 23 Billiter st., London, England. (See adv. index, end of book)
Stoekel, R. E. (Importer), 2443 3d av, New York & 190 Michigan av, Chicago, Ill.
Wadsworth-Howland Co. (Incorporated), Indiana av & 13th, Chicago, Ill.
Wadsworth, Howland & Co., 84 Wash'n, Boston,
Wilhelm, A. Co., Reading, Pa.
Winn, Wm. R. ("Winn," Oil), 143 Maiden Lane, New York
Woolsey, C. A. Paint & Color Co., 500 Grand, Jersey City, N. J.

Wood Turned Goods, Etc.

(See Wood Novelties (Turned, Etc.)

Wood Turned House Trimmings

(See Columns, Porch, Wholesale Mfrs.)
(Also Corner, Base & Head Block Mfrs.)
(Also Grille, Fret & Lattice Work.)
(Also Mouldings, Various Kinds.)
(Also Ornaments, Wood.)
(Also Stair Builders' Supplies.)
(Also Wood Turning, Architectural.)

Wood Turning (Arch'l)

Angne, G. & Co., 573 Reading rd, Cincinnati, O.
Batavia & New York Woodworking Co., 102 W 81st, New York
Blair, H. Crawford, 103 Eddy, Providence, R. I.
Boynton & Company, 67 W Wash'n, Chicago, Ill.
Buffalo Grille Co., 270 Court, Buffalo, N. Y.
Brussel, Richard, 492 E 139th, New York
Buschle & Wuest, 12 Burrows, Cincinnati, O.
Central Wood Turning Co., 336 N E 5th, Minneapolis, Minn.
Clark, G. A. (House Turnings, etc.), Sidney, N. Y.
Dickey, Adam & Co., 41 Bristol, Boston
Ebnborn, C. & Co., 19 N Jefferson, Chicago, Ill.
Essex Wood Turning Co., Essex, Conn.
Foster-Munger Co. (for the Trade Only), W 20th & S Sangamon, Chicago, Ill.
Gass, John H., 601 Sackett, Brooklyn, N. Y.
Grand Rapids Carved Moulding Co., Grand Rapids, Mich.
Hillerich, J. F. & Son, 216 1st, Louisville, Ky.
Holm's Pattern & Model Works, 116 1st av, N. Minneapolis, Minn.
Lenzer, Hy. & Son, 620 Main, Cincinnati, O.
Lovejoy, G. W., 1535 Main, Kansas City, Mo.
Marshall, C. O., 149 Pleasant, Lynn, Mass.
Mitchell, Robt. Furniture Co., 624 Race, Cincinnati, O.
Nadler, F. M., 1124 Main, Cincinnati, O.
New York Carved Moulding Co., 771 1st, N. Y.
OSIECKI, THOS., 600 Kent av, Brooklyn, N. Y.
Pierce, W. E. & Co., Milford, N. H.
Pinches, Jno. New Britain, Conn.
Root & Young, 286 Sheldon, Hartford, Conn.
Schaefer, Louis, W 21st c Loomis, Chicago, Ill.
Scranton Wood Working Co., Scranton, Pa.
Slade, F. C. & Son, Watertown rd, Oakville, Conn.
Standard Wood Turning Co., 58 Bay, Jersey City, N. J.
STEARNS, A. T. LUMBER CO., Ne-ponset, & 166 Devonshire, Boston, Mass. (See adv. index, end of book)
Upham, Geo. A. (Planing Mill), Waterbury, Conn.
Walter, Rudolph, 1940 1st av, New York

Wood Turning & Enameling

American Enamel Co., Providence, R. I.
Corlier Enameling Co., Ludington, Mich.

Wood Turnings (Automatic)

American Enamel Co. (Artistic & Novelty, Small Turned Woodwork), Providence, R. I.
Boynton & Company, 67 W Wash'n, Chicago, Ill.
Harris & Cole Bros. (Wholesale Mfrs.), Cedar Falls, Iowa; Metropolis, Ill., & Columbia, Tenn.

Mahle, C. A. & Son (Ltd.), (Variety), Corry, Pa.
New York Carved Moulding Co., 771 1st av, N. Y.
Pierce, W. E. & Co., Milford, N. H.

Wood Turnings (Electrical)

(See Also Woodwork Electrical.)

American Enamel Co. (Also Enameled Turnings), Provilence, R. I.
Ebnborn, C. & Co., 19 N Jefferson, Chicago, Ill.
Harris & Cole Bros. (Wholesale Mfrs.), Cedar Falls, Iowa; Metropolis, Ill., & Columbia, Tenn.
Mahle, C. A. & Son (Agl. Wrench Handles, Brush & Broom Blocks, etc.), Corry, Pa.
New York Carved Moulding Co., 771 1st av, N. Y.
Novelty Turning Co. (Handles, Knobs, Buttons & Cord Adjusters, etc.), Fitchburg, Mass.
Ohio Scroll & Lumber Co. (Inc.), Covington, Ky.
Union Hardware Co. (of All Kinds), Providence, R. I.

Wood Turnings (Rope & Spiral)

(See Mouldings, Various Kinds.)

Woodenware & Novelties, Mfrs.

(See also Wood Novelties, Turned, etc.)

Allen, F. A. (Duck Callers), Monmouth, Ill.
American Basket & Mfg. Co. (Baskets), Waverly, N. Y.
Anderson Box & Basket Co. (Boxes & Baskets), Henderson, Ky.
Averill & Zimmerman (Crates), Sparta, Mich.
Ballou Basket Works (Baskets, etc.), Belding, Mich.
Baumeister, F. & Son (Baskets, Berry Boxes & Crates, etc.), Rockwood, Mich.
Belding Hall Mfg. Co. (Stone Boards, etc.), Belding, Mich.
Bellaire Woodenware Co., Bellaire, Mich.
Bliss Mfg. Co. (Woodenware, Mop Sticks, etc.), Bliss, N. Y.
Booth & Ensign (Baskets), Gasport, N. Y.
Bousfield & Co. (Woodenware), Bay City, Mich.
Brammer, H. F. Mfg. Co., Davenport, Ia.
Bridgeport Woodenware Mfg. Co., Bridgeport, Ala.
Butler, Otis P. (Toys & Woodenware), West Rindge, N. H.
Cudworth & Petts, State Line, N. H.
Cummer Mfg. Co. (Woodenware, etc.), Cadillac, Mich.
Dundas Woodenware Co., Dundas, Wis.
Farrar, Chas., Troy, N. H.
Fuller, L. A., Marlboro Depot, N. H.
Kiel Woodenware Co., Kiel, Wis.
Marsh, Jas., Westport, N. H.
Menesha Woodenware Co., Ladysmith, Wis.
Richmond Cedar Works, Richmond, Va.
Wellington, E. L., Rindge, N. H.
Wolf, Peter, Lomira, Wis.

Woodwork (Architectural & Interior)

(See Interior Hardwood Work; also Interior Finish; also Sashes, Doors & Blinds.)

Woodwork (Automobile)

Dann Bros. & Co., New Haven, Conn.

Woodwork (Electrical)

(See also Wood Turnings, Electrical. Also Mouldings, Electrical, Wood.)

American Enamel Co. (Enameled, Turning, etc.), Provlndence, R. I.
American Hardwood Mfg. Co., Grottoes, Va.
Huey, M. S. Co., Indianapolis, Ind.
Lever, C. H. Mfg. Co., 19 N Jefferson, Chicago, Ill.
Noblett, E. J. & Co. (Battery & Bell Boxes, Switch Handles & Bases & General Turnings), 898 5th, Chicago, Ill.
Novelty Turning Co., Fitchburg, Mass.
Sewing Machine Cabinet Co. (All Kinds on Order), Bridgeport, Conn.
Thies, Wm. & Son, Huntingburg, Ind.
Union Hardware Co., Torrington, Conn.
Wabash Cabinet Co. (And Special of All Kinds), Wabash, Ind.

Woodwork (Rustic)

(See Rustic Woodwork)

Woodworking Machinery

(See Machinery, Woodworking.)

Wool Wadding

Bacon Bros., Winchester, Mass.
Norman & Evans ("Hygiene"), Lockport, N. Y.
Worms (Retort Condensing)
Graham, Chas., Chemical Pottery Works 986 Metropolitan av, Brooklyn, N. Y.

Wrecking Cranes

(See also Cranes, Wrecking.)

BROWNING ENGINEERING CO., Cleveland, O. (See adv. index, end of book)

Wrenches (Adjustable)

Bemis & Call Hardware & Toll Co., Springfield, Mass.
Billings & Spencer Co., Hartford, Conn.
Braunsdorf-Muller Co., Elizabeth, N. J.
Cronk & Carrier Mfg. Co. (Alligator), Elmira, N. Y.
Imperial Mfg. Co. (Hitt's Drop Forged Screw & Pipe), Jersey City, N. J.
Keystone Mfg. Co. ("Westcott S."), Buffalo,
Mark Mfg. Co. (Baxter's), Evanston, Ill., & Chicago, Ill.
Mossberg Wrench Co. ("Manhattan"), Central Falls, R. I.
Pratt & Whitney Co., Hartford, Conn.
Star Mfg. Co. (The Elgin), Carpentersville, Ill.
Welch, T. F. & Co. (Adjustable Tap), 65 Sudbury, Boston, Mass.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)

Wrenches (Adjustable, Pocket)

Billings & Spencer Co., Hartford, Conn.

Wrenches (Agricultural)

COES WRENCH CO., Worcester, Mass. (See adv. next page)
Lamson & Sessions Co. ("Canfield," Wrought Bar), Cleveland, O.
Vandegrift Mfg. Co., Shelbyville, Ind.

Wrenches (Alligator)

Bonney Vise & Tool Works, 3015 Chestnut, Philadelphia, Pa.
Cronk & Carrier Mfg. Co. (Adjustable), Elmira, N. Y.
Keystone Drop Forge Works ("Keystone," "Crocodile"), Chester, Pa.
Kraeuter & Co. (Adjustable), 577 18th av, Newark, N. J.
La Gripper Wrench Co., Ltd., Battle Creek, Mich.
Roebling's, Jno. A. Sons Co. ("Drop Forged"), Trenton, N. J.; 117 Liberty, New York; Chicago, Ill., & San Francisco, Cal.
Star Mfg. Co. ("Elgin"), Carpentersville, Ill.
Washington Tool Co. (Steel), Owatonna, Minn.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)
Wilcox, D. Mfg. Co., Mechanicsburg, Pa.

Wrenches (Basin)

Berny, Otto (Bunzzell), S 12th c S Orange av, Newark, N. J.
Osborne, C. S. & Co., 96 Mechanic, Newark, N. J.
Sayre, L. A. & Co., 332 Mulberry, Newark, N. J.

Wrenches (Bicycle & Pocket)

Andrews, C. E., Forestville, Conn.
Barnes Tool Co., New Haven, Conn.
Beckley-Ralston Co., 178 Lake, Chicago, Ill.
Billings & Spencer Co., Hartford, Conn.
Bridgeport Gun Implement Co., 219 Elm, Bridgeport, Conn.
Dudley, A. Mfg. Co., Menominee, Mich.
Duffy Mfg. Co., 125 Indiana, Chicago, Ill.
Hall's, Samuel Sons, 229 W 10th, New York
Jennings, C. E. Co., 101 Reade, New York
Lamson & Sessions Co. (Case Hardened Steel Screw Wood Handle; also The "Buckeye"), 412 Scranton av, Cleveland, O.
Mossberg Wrench Co., Central Falls, R. I.
Nilson-Walters Wrench Co. ("Nilson"), Casselton, N. Dak.
Page-Storms Drop Forge Co., Chicopee Falls, Mass., & Springfield, Mass.
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 27 Murray, New York
Smith, Thomas & Co., Worcester, Mass.
Smith & Hemenway Co., 296 B'way, New York
Tower & Lyon Co., 95 Chambers, New York
Turner & Deegan, Bristol, Conn.

Wrenches (Box)

Billings & Spencer Co., Hartford, Conn.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, N. Y. (See adv. index, end of book)
Williams, J. H. & Co. (Drop Forged), 9 Richards, Brooklyn, N. Y.

Wrenches (Brace Socket)

Braunsdorf-Muller Co., Elizabeth, N. J.
Cincinnati Tool Co., Norwood, Cinclnnati, O.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)

Wrenches (Car Builders')

AMERICAN BRAKE SHOE & FOUN-dry Co. ("S," "Tropenas," Cast Steel), Mahwah, N. J. Branches: Western Union bldg, Chicago, Ill., & 170 B'way, New York. (See adv. index, end of book)

Wrenches (Carriage)

Eccles-Richard Co. (Drop Forged), Auburn, N. Y.
Goodell Co., Antrim, N. H.
Logan & Strowbridge Iron Co., New Brighton, Pa.
Miller's Falls Co., Miller's Falls, Mass., & 28 Warren, New York

Wrenches (Chain)

Brock Forging & Mfg. Co. (Drop Forged), Long Island City, N. Y.
Robbins, Gamwell & Co., Pittsfield, Mass.
Trimont Mfg. Co. (Trimo), Roxbury, Boston, Mass.
Williams, J. H. & Co. (Brock's), 9 Richards, Brooklyn, N. Y.

Wrenches (Combination)

Adjustable Wrench & Specialty Mfg. Co., Harvard, Ill.
Bemis & Call Hardware & Tool Co., Springfield Mass.
Dudly, A. Mfg. Co., Menomlnee, Mich.
Springfield Machine Screw Co. ("Tyron"), Springfield, Mass.
Stortz, Jno. & Son ("S"), 210 Vine, Phlla., Pa.
Trimot Mfg. Co. (The Trimo), Roxbury, Boston, Mass.
Vandegrift Mfg. Co., Shelbyville, Mass.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)

Wrenches (Crocodile)

(See Wrenches, Alligator.)

Wrenches (Dog)

Le Count, Wm. G. (Steel), South Norwalk, Mass.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)

Wrenches (Drop Forged)

Billings & Spencer Co., Hartford, Conn.
Bonney Vlse & Tool Works, 3015 Chestnut, Phil adelphla, Pa.
Imperial Mfg. Co. (Hitt's Adjustable Screw & Pipe), Jersey City, N. J.
Indianapolis Drop Forging Co., Indlanapolis, Ind.
Keystone Drop Forge Works, Chester, Pa.
Kilborn & Bishop Co. ("Pipe"), New Haven Conn
La Gripper Wrench Co. ("La Gripper"), Battle Creek, Mich.
Page-Storms Drop Forge Co., Chicopee Falls, Mass., & Springfield, Mass.
Rhode Island Tool Co., Providence, R. I.
Roebling's, Jno. A. Sons (Trlumph), Trenton N. J.; 117 Llberty, New York; 171 Lake, Chi cago, Ill., & 27 Fremont, San Franclsco, Cal
Solid Steel Tool & Forge Co. (("S. T. S."), Farmers' Bank bldg, Pittsburg, Pa.
Transue & Williams Co., Alllance, Ohio
Trimont Mfg. Co., Roxbury, Boston, Mass.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)
Williams, J. H. & Co., 9 Richards, Brooklyn, N. Y.

Wrenches (Engineers' & Machinists')

AMERICAN BRAKE SHOE & FOUNdry Co. (Engineers' "Tropenas," Cast Steel Single & Double), Mahwah, N. J. Branches: Western Union bldg, Chicago, Ill., & 170 B'way, New York. (See adv. index, end of book)
Billings & Spencer Co. (Drop Forged), Hartford, Conn.
Brock Forging & Mfg. Co., Long Island City, N. Y.
Buck, M. M. Mfg. Co., 212 N 3d, St. Louis, Mo.
Card, S. D. Mfg. Co., Mansfield, Mass.
Chester Steel Castings Co., 407 Sansom, Philadelphia, Pa.
COES WRENCH CO., Worcester, Mass. (See adv. opp. thls page)
Dayton Malleable Iron Co. (Made of Malleable Iron, for Railroads & Car Shops, Trade Mark D), Dayton, O.
Dudley, A. Mfg. Co. (The Auto), Dayton, O.
Girard Wrench Mfg. Co., Girard, Pa.
Handlan-Buck Mfg. Co. ("Bucks"), 212 N 3d, St. Louls, Mo.
Jones & Laughlin Steel Co., Pittsburg, Pa.; 220 B'way, New York, & 30 W Lake, Chicago, Ill.
Keystone Drop Forge Works (Drop Forge), Chester, Pa.
Lamson & Sessions Co. ("Canfield" Case Hardened Screw), 412 Scranton av, Cleveland, O.
Nilson-Walters Wrench Co. ("Nilson"), Casselton, N. Dak.
Page-Storms Drop Forge Co. (Set Screws, Chuck, Millng Machine), Chicopee Falls, Mass., & Springfield, Mass.
Peck, Stow & Wilcox Co., Southington, Conn.; Cleveland, O., & 27 Murray, New York
Pratt & Whitney Co. (Adjustable Top, etc.), Hartford, Conn.
Rhode Island Tool Co. (Drop Forged Single & Double End), Providence, R. I.
Tower & Lyon Co., 95 Chambers, New York
Walworth Mfg. Co., Boston, Mass.
WHITMAN & BARNES MFG. CO. (Screw), West Pullman, Chicago, Ill.; Akron, O., 111 Chambers, New York. (See adv. index, end of book)
Williams, J. H. & Co. (Drop Forged), Brooklyn, N. Y.

Wrenches (Fire Hydrant)

Kennedy Valve Mfg. Co., 57 Beekman, New York, & Coxsackie, N. Y.

Wrenches (Flange)

Brock Forging & Mfg. Co., "Drop Forged," Long Island City, N. Y.

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Kennedy Valve Mfg. Co., 57 Beekman, New York, & Coxsackie, N. Y.

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Kennedy Valve Mfg. Co., 57 Beekman, New York, & Coxsackie, N. Y.

Wrenches (Key Adjusting)

COES WRENCH CO., Worcester, Mass. (See adv. opp. this page)

*Wrenches (Knife Handle)

COES WRENCH CO., Worcester, Mass. (See adv. opp. this page)

Wrenches (Lag Screw)

Dicke Tool Co., Downers Grove, Ill.
Klein, M. & Son, 87 W Van Buren, Chicago, Ill.

Wrenches (Locomotive)

AMERICAN BRAKE SHOE & FOUNdry Co., Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. Index, end of book)
Billings & Spencer Co. (Drop Forged), Hartford, Conn.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index. end of book)

*Wrenches (Metal Handle)

COES WRENCH CO., Worcester. Mass. (See adv. opp. thls page)

*Wrenches (Nut)

AMERICAN BRAKE SHOE & FOUNdry Co., Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. Index, end of book)
Bemis & Call Hardware & Tool Co. ("S" Adjustable), Springfield, Mass.
COES WRENCH CO., Worcester, Mass. (See adv. opp. this page)
WHITMAN & BARNES MFG. CO. (Check Nut), West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)

Wrenches (Off Set)

Solid Steel Tool & Forge Co. (S. T. S.), Farmers' Bank bldg, Pittsburg, Pa.

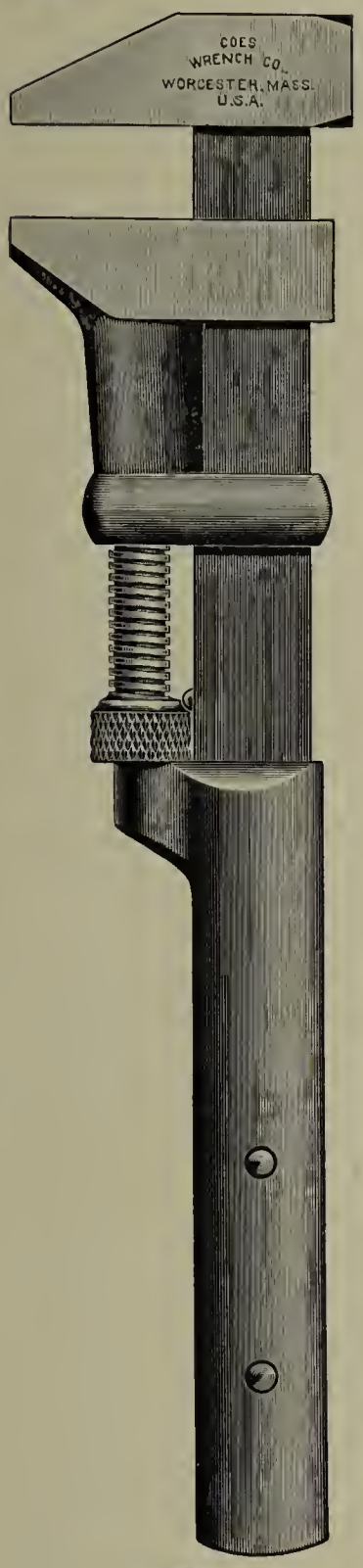
Wrenches (Oil Well Swivel)

Duff Mfg. Co. (Barrett's), 405 Marion av, Allegheny, Pa.

Wrenches (Pipe)

Adjustable Wrench & Specialty Mfg. Co., Harvard, Ill.
American Drop Forging & Tool Co., Wayland, N. Y.
Armstrong Mfg. Co. ("Rapid Transit"), Bridgeport, Conn., & 139 Centre, New York
ASHCROFT MFG. CO., THE, 85, 87, 89 Liberty, New York, & 22, 24, 26 S Canal, Chicago, Ill. Works, Bridgeport, Conn.
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Barnes Tool Co., New Haven, Conn.
Belden Machine Co. ("Hayden," Brass & Nickel), New Haven, Conn.
Bemis & Call Hardware & Tool Co., Springfield, Mass.
Billings & Spencer Co. (Drop Forged), Hartford, Conn.
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Bonney Vise & Tool Works ("Always Ready"), 3015 Chestnut, Phila., Pa.
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Hllts Wrench & Mfg. Co., Richford, N. Y.
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Hollands Mfg. Co. ("Eagle"), Erie, Pa.
Illinois Malleable Iron Co., 30 W Monroe, Chicago, Ill.
Imperial Mfg. Co. (Hitt's Adjustable Drop Forged), Jersey City, N. J.
Ithaca Drop Forge Co. (Drop Forged), Ithaca, N. Y.
Jarecki Mfg. Co., Erie, Pa., & Pittsburg, Pa.
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Keystone Drop Forge Works (Drop Forged), Chester, Pa.
Keystone Mfg. Co. (The "Westcott" Adjustable S), 45 Chandler, Buffalo, N. Y.
Kilborn & Bishop Co. (Drop Forged), New Haven, Conn.
La Gripper Wrench Co., Ltd. ("La Gripper"), Battle Creek, Mich.
Monash-Younker Co. ("Star"), 201 S Canal, Chicago, Ill., & 43 Centre, New York
Mossberg, Frank Co. ("The Sterllng" & "Eagle," Forged Steel), Attleboro, Mass.
Nilson-Walters Wrenchr Co. ("Nilson" Adjustable), Casselton, N. Dak.
Norwall Mfg. Co. ("Allen," Automatlc), 40 Dearborn, Chicago, Ill.
Oswego Tool Co. ("Giles" Drop Forged), Oswego, N. Y.
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Parmelee Wrench Co. ("Parmelee's" Gridle), 1058 W Monroe, Chicago, Ill.

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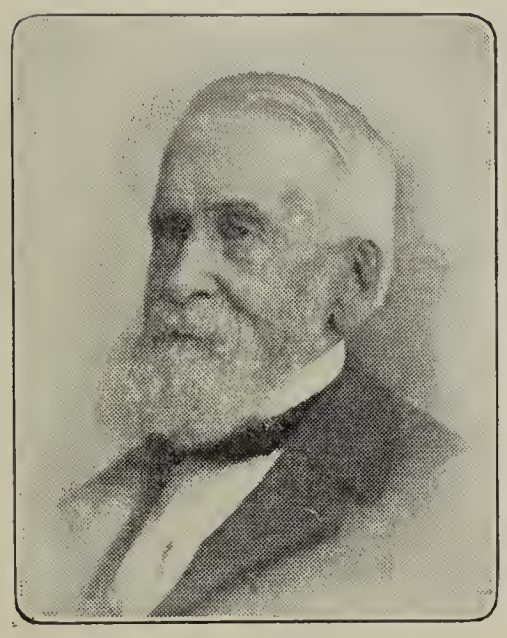
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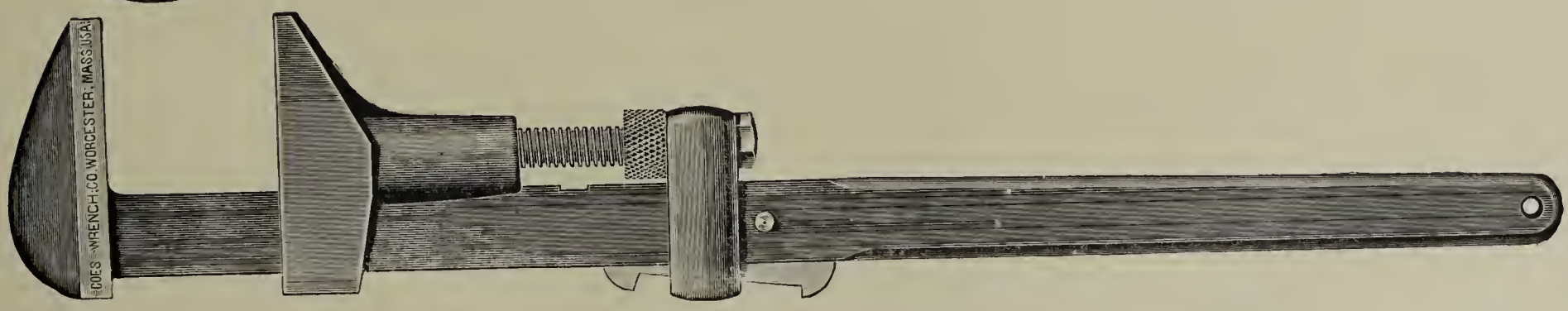


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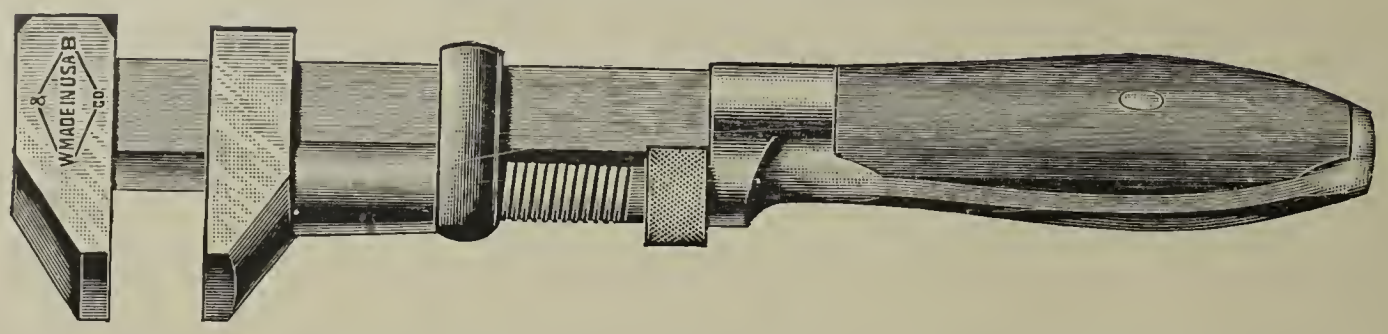
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Utica Drop Forge & Tool Co. (Drop Forged), Utica, N. Y.
Vandegrift Mfg. Co., Shelbyville, La.
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Walworth Mfg. Co. ("Stillson," "Allston's," "Hall"), 132 Federal, Boston, Mass., & 15 Park Row, New York
WHITMAN & BARNES MFG. CO. (Drop Forged, etc.), West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. opp. this page)
Wilcox Mfg. Co. (The Yankee Jaw), Aurora, Ill.
Williams, J. H. & Co. ("Brock," "Vulcan," "Falcon," Drop Forged), 9 Richards, Brooklyn, N. Y.

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Keystone Mfg. Co. ("Monarch" Single Acting, & "Keystone" Reversible), Buffalo, N. Y.
Lovejoy, T. H., 90 Ohio, Chicago, Ill.
Morse, W. H., Somerville, Mass.
Railroad Supply Co., Bedford bldg., Chicago, & 118 Liberty, New York
Springfield Machine Screw Co. ("Diamond"), Springfield, Mass.

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AMERICAN BRAKE SHOE & FOUNDRY Co., Mahwah, N. J.; 170 B'way, New York, & Western Union bldg, Chicago, Ill. (See adv. index, end of book)
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Keystone Mfg. Co. ("Wescott" Adjustable), Buffalo, N. Y.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. index, end of book)

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Athol Machine Co., Athol, Mass.
Beckley-Ralston Co., 178 Lake, Chicago, Ill.
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Billings & Spencer Co. (Drop Forged), Hartford, Conn.
Brock Forging & Mfg. Co. (Set & Chuck), Long Island City, N. Y.
CHISHOLM & MOORE MFG. CO., Cleveland, O. (See adv. index, page 1200)
COES WRENCH CO., Worcester, Mass. (See insert opp. preceding page)
Imperial Mfg. Co. (Hitt's Adjustable Drop Forged), Jersey City, N. J.
Keystone Drop Forge Works (Steel Set Screw), Chester, Pa.
Lamson & Sessions Co. ("Lamson"), Cleveland, O.
Le Count, Wm. G., South Norwalk, Conn.
Mossberg Wrench Co., Central Falls, R. I.
Page-Storms Drop Forge Co., Chicopee Falls, Mass., & Springfield, Mass.
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WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. opp. this page)

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Keystone Mfg. Co. (With Reversible Ratchet), Buffalo, N. Y.
Smith & Egge Mfg. Co. (Adjustable), Bridgeport, Conn.

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Billings & Spencer Co. (Drop Forged), Hartford, Conn.
Brock Forging & Mfg. Co. (Drop Forged), Long Island City, N. Y.
Keystone Drop Forge Works (Drop Forged), Chester, Pa.
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Rhode Island Tool Co. (Drop Forged), Providence, R. I.
WHITMAN & BARNES MFG. CO., West Pullman, Chicago, Ill.; Akron, O., & 111 Chambers, New York. (See adv. opp. this page)
Williams, J. H. & Co. (Drop Forged), Brooklyn, N. Y.

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Klein, Mathias & Son, 87 W Van Buren, Chicago, Ill.

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Springfield Machine Screw Co. ("Diamond" Tap), Springfield, Mass.
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Brock Forging & Mfg. Co. (Double Head), Long Island City, N. Y.
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Williams, J. H. & Co. (Drop Forged), 9 Richards, Brooklyn, N. Y.

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Engeln, H. P. & Co., 90 Prospect, Cleveland, Ohio
Harvard Electric Co., 224 S Clinton, Chicago, Ill.
Leeds, Morris E. & Co., 259 N Broad, Phila., Pa.
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Sweet & Lewis Co., 657 Wash'n, Boston, Mass.
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Herreshoff Mfg. Co., Bristol, R. I.

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Chapin-Stephens Co. (Also School & Desk Rulers, etc.), Pine Meadow, Conn.

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Davies, Wm. S., Manayunk, Phila., Pa.

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Richard, F. J. S., Hadley Falls, Mass.
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Grasselli Chemical Co., Cleveland, O., & 62 Wall, New York

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New Jersey Zinc Co., 71 B'way, New York

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American Steel Roofing Co., Middletown, O.
Berger Bros. Co., 237 Arch, Phila., Pa.
Berger, L. D., 59 N 2d. Phila., Pa.
BERGER MANUFACTURING CO., Main Office & Works, Canton, O.; 210 F 23d, New York; 23 Lake, Chicago; 1215 Filbert, Phila., Pa.; 176 Federal, Boston, Mass.; 623 N Main, St. Louis, Mo. (See adv. index, end of book)
BOSTWICK STEEL LATH CO., Niles, O. (See adv. index, end of book)
Cambridge Roofing Co., Cambridge, O.
Canton Steel Roofing Co., Canton, O., & 157 W 23d, N. Y
Chattanooga Roofing & Foundry Co., Chattanooga, Tenn.
Clark, Quien & Morse, Peoria, Ill.
Conklin Tin Plate & Metal Co., Atlanta & Savannah, Ga
Dickelman Mfg. Co., Forest, O.
Edwards Mfg. Co., 119 Sycamore, Cincinnati, O.
Eller, J. H. & Co., Canton, O.
Fisher, W. Frank B. (Double Bead), 23 W College av, Springfield, O
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Hyndman Steel Roofing Co., 318 E. 2d, Cinn., O.
Illinois Roofing Supply Co., Chicago, Ill.
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Lamb & Ritchie, Cambridgeport, Mass.
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Niles Iron & Steel Roofing Co., Niles, O.
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American Ship Windlass Co., Providence, R. I.
Bethlehem Foundry & Machine Co. (Single Drum Winches). South Bethlehem, Pa.
Box, Alfred & Co. (Ship & Yacht Windlesses), 813 N Front, Phila., Pa.
BROWN HOISTING MACHINERY CO. (Winches Only), 1345 St. Clair, Cleveland, O., & 26 Cortlandt, N. Y. (See adv. index, end of book)
CARPENTER, GEO. B. & CO., 202 S Water Chicago, Ill. (See adv .index, end of book)
Chase Machine Co., 111 Elm, Cleveland, O.
Contractors' Plant Mfg. Co., 129 Erie, Buffalo, N. Y.
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CLEVELAND, O.

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BFM/CW

Oct.15,1904.

Messrs.S.E.Hendricks Co.,

76 Elm St.,New York,N.Y.

Gentlemen:-

We would like to exchange the old copy for the new one and will appreciate the courtesy.

You have not put us under too many headings. In addition we should like to be indexed under cranes,locomotive,steam and electric, and hoisting and conveying machinery as you suggest. Also hoists,electric and steam.

We sell an occasional derrick. We make hoisting engines for contractors,and we have a line of clutches which we adapt to rolling mill machinery. At present we have just furnished an order for the National Tube Company,which you know is one of the largest concerns in the world in the rolling mill line. We are also manufacturers of buckets,motors,car dumpers,and blast furnace machinery.

The New Castle Electric Company and the Penna. & Mahoning Valley Railway Company,both of which concerns the writer is helping to run are using your Register with a great deal of satisfaction and we shall be glad to recommend it still further if you so desire. How we have overlooked it so far I can not quite make out.

We hand you herewith one of our general bulletins,and we will keep you advised of our publications from time to time.

Very truly yours,

THE BROWNING ENGINEERING CO.,

B F Miller

American De Forest Wireless Telegraph Company.

Incorporated Under the Laws of Maine, 1902.

Main Office, 42 BROADWAY, NEW YORK.

ST. LOUIS, 520 Olive Street.
BOSTON, Old South Building.
CHICAGO, 169 Michigan Avenue.
NEW HAVEN, First National Bank Bldg.
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(*Memphis, Tenn., Commercial Appeal, Aug. 28, 1904.*)

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(The Bocas del Toro and Port Limon stations are operated by the United Fruit Company, and are the nucleus of an extensive Mexican, Central and South American System of De Forest wireless circuits.)

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WIRELESS TELEGRAPH.

(*Wall Street Journal, Aug. 2, 1904.*)

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The object of the Navy Department in purchasing these receivers was to displace the German instruments now in use. The instruments are deliverable at the Navy Yard, Brooklyn. This is regarded as signifying the intention of the Navy Department to Americanize the wireless telegraph system of the Navy.

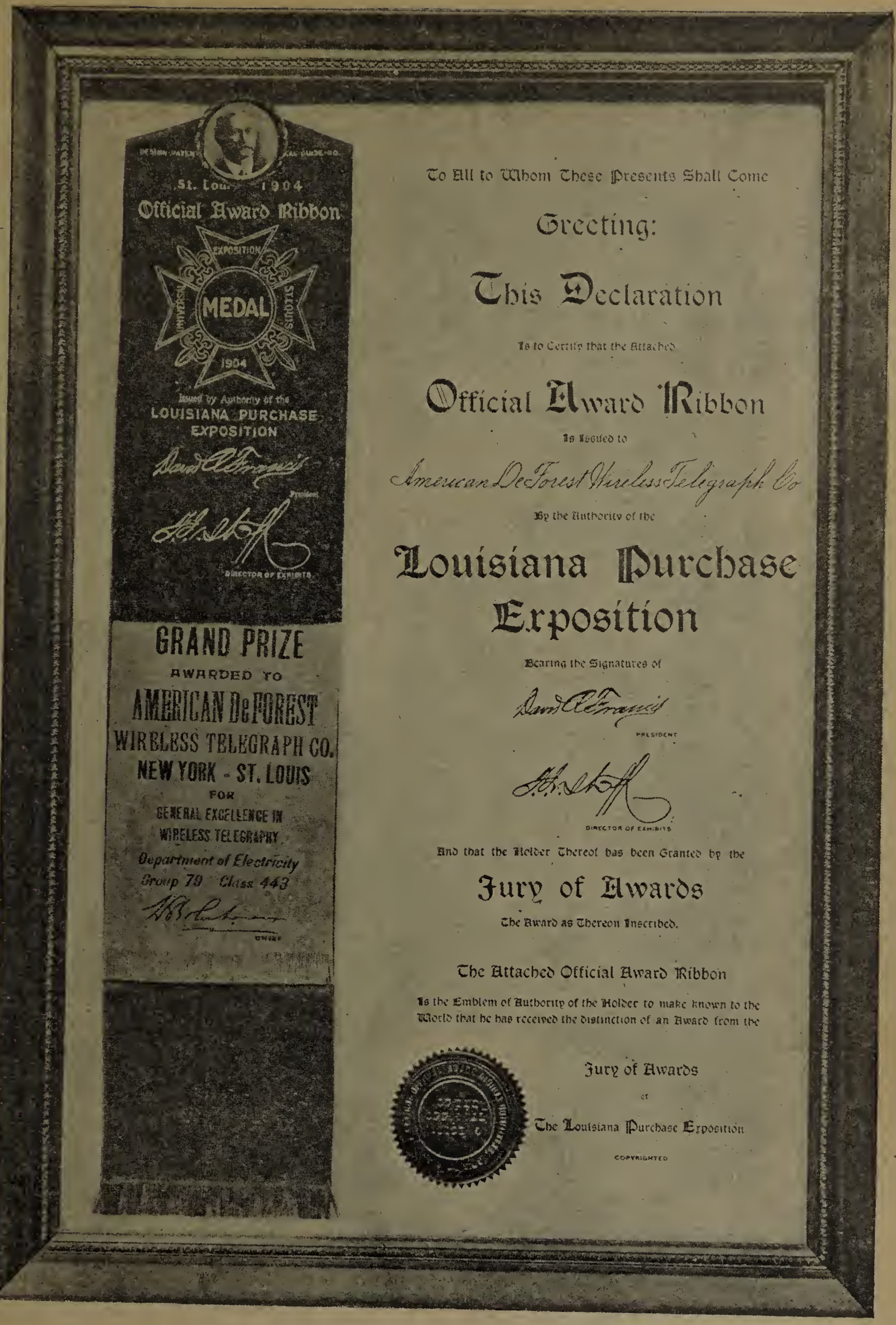
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